

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101323\
 Data File : BP017666.D
 Acq On : 13 Oct 2023 14:33
 Operator : MA/JU
 Sample : 02215-01
 Misc : SFAM-MDL-WATER-01
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-QT2-2023-03

Quant Time: Oct 13 15:17:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 12 16:14:36 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/16/2023
 Supervised By :mohammad ahmed 10/17/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	81601	20.000	ng/u1	0.01
20) Naphthalene-d8	10.752	136	326042	20.000	ng/u1	0.01
38) Acenaphthene-d10	14.616	164	205512	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.410	188	481019	20.000	ng/u1	0.01
79) Chrysene-d12	21.551	240	550983	20.000	ng/u1	0.00
88) Perylene-d12	24.133	264	650701	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	14394	6.503	ng/uL	0.00
4) Pyridine-d5	3.705	84	167366	27.355	ng/u1	0.00
7) Phenol-d5	7.069	99	187876	24.730	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.258	67	121178	26.302	ng/u1	0.00
11) 2-Chlorophenol-d4	7.434	132	150813	25.646	ng/u1	0.01
15) 4-Methylphenol-d8	8.640	113	143864	23.708	ng/u1	0.01
21) Nitrobenzene-d5	9.128	128	71883	26.248	ng/u1	0.01
24) 2-Nitrophenol-d4	9.846	143	76154	24.728	ng/u1	0.02
28) 2,4-Dichlorophenol-d3	10.375	165	140336	24.245	ng/u1	0.02
31) 4-Chloroaniline-d4	10.928	131	197122	23.759	ng/u1	0.02
46) Dimethylphthalate-d6	14.034	166	451405	25.361	ng/u1	0.01
49) Acenaphthylene-d8	14.316	160	490582	25.595	ng/u1	0.01
54) 4-Nitrophenol-d4	14.875	143	66627	22.382	ng/u1	0.02
60) Fluorene-d10	15.622	176	412300	27.232	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.769	200	62312	18.327	ng/u1	0.01
73) Anthracene-d10	17.510	188	648198	26.103	ng/u1	0.01
81) Pyrene-d10	19.769	212	841018	25.361	ng/u1	0.01
92) Benzo(a)pyrene-d12	23.963	264	960313	26.289	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.311	88	2979	1.269	ng/uL	97
5) Pyridine	3.728	79	26610	4.235	ng/u1#	59
6) Benzaldehyde	7.081	77	19695	5.118	ng/u1	96
8) Phenol	7.099	94	29987	3.977	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.358	93	25292	4.180	ng/u1	97
12) 2-Chlorophenol	7.469	128	24973	4.251	ng/u1	97
13) 2-Methylphenol	8.369	108	19205	3.422	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.434	45	31163m	3.992	ng/u1	
16) Acetophenone	8.775	105	36851	3.903	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.740	70	18660	3.905	ng/u1#	94
18) 4-Methylphenol	8.710	108	22729	3.725	ng/u1	97
19) Hexachloroethane	8.981	117	10901	4.153	ng/u1	88
22) Nitrobenzene	9.169	77	29721	4.225	ng/u1	98
23) Isophorone	9.681	82	44154	3.481	ng/u1	97
25) 2-Nitrophenol	9.875	139	12791	3.904	ng/u1	97
26) 2,4-Dimethylphenol	9.916	107	25097	3.855	ng/u1	89
27) Bis(2-Chloroethoxy)met...	10.175	93	31439	4.057	ng/u1	96
29) 2,4-Dichlorophenol	10.404	162	22195	3.974	ng/u1	91
30) Naphthalene	10.804	128	80115	4.227	ng/u1	98
32) 4-Chloroaniline	10.951	127	30227	3.810	ng/u1	99
33) Hexachlorobutadiene	11.028	225	17850	4.133	ng/u1	92
34) Caprolactam	11.781	113	11074m	6.482	ng/u1	
35) 4-Chloro-3-methylphenol	12.075	107	20569	3.491	ng/u1	99
36) 2-Methylnaphthalene	12.428	142	52671	4.058	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.646	142	54745	4.155	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.781	216	32124	4.285	ng/ul#	94
40) Hexachlorocyclopentadiene	12.716	237	16242	4.822	ng/ul	98
41) 2,4,6-Trichlorophenol	13.046	196	15241	3.301	ng/ul	85
42) 2,4,5-Trichlorophenol	13.128	196	16945	3.476	ng/ul	97
43) 1,1'-Biphenyl	13.445	154	71174	4.226	ng/ul	96
44) 2-Chloronaphthalene	13.493	162	57126	4.239	ng/ul	98
45) 2-Nitroaniline	13.751	65	12137	3.258	ng/ul	94
47) Dimethylphthalate	14.081	163	72868	4.146	ng/ul	99
48) 2,6-Dinitrotoluene	14.234	165	9858	3.030	ng/ul#	84
50) Acenaphthylene	14.345	152	89361	4.121	ng/ul	98
51) 3-Nitroaniline	14.587	138	9404	2.866	ng/ul#	93
52) Acenaphthene	14.681	153	61371	4.255	ng/ul	99
53) 2,4-Dinitrophenol	14.804	184	8819	4.390	ng/ul	91
55) 4-Nitrophenol	14.892	109	8723	3.128	ng/ul	94
56) Dibenzofuran	15.028	168	89380	4.320	ng/ul	99
57) 2,4-Dinitrotoluene	15.028	165	17420	3.469	ng/ul#	84
58) 2,3,4,6-Tetrachlorophenol	15.251	232	15568	3.453	ng/ul#	91
59) Diethylphthalate	15.445	149	68317	3.875	ng/ul	98
61) Fluorene	15.681	166	72132	4.229	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.675	204	38080	4.198	ng/ul	98
63) 4-Nitroaniline	15.763	138	11430	3.506	ng/ul#	20
66) 4,6-Dinitro-2-methylph...	15.781	198	11987	3.366	ng/ul#	67
67) N-Nitrosodiphenylamine	15.904	169	56969	3.964	ng/ul	96
68) 4-Bromophenyl-phenylether	16.581	248	23310	4.019	ng/ul	95
69) Hexachlorobenzene	16.663	284	29000	4.201	ng/ul	95
70) Atrazine	16.869	200	20581	3.700	ng/ul	98
71) Pentachlorophenol	17.045	266	17609	4.212	ng/ul	97
72) Phenanthrene	17.457	178	121957	4.310	ng/ul	99
74) Anthracene	17.545	178	119203	4.164	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.398	216	31322	4.127	ng/uL	97
76) Pentachlorobenzene	14.916	250	35664	4.579	ng/uL	94
77) Carbazole	17.845	167	95304	3.676	ng/ul	98
78) Di-n-butylphthalate	18.351	149	105980	3.320	ng/ul	98
80) Fluoranthene	19.439	202	147986	3.905	ng/ul	98
82) Pyrene	19.798	202	162551	4.106	ng/ul	99
83) Butylbenzylphthalate	20.669	149	44826	2.910	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.486	252	43468	3.080	ng/ul	94
85) Benzo(a)anthracene	21.539	228	170039	4.025	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.416	149	59252	2.544	ng/ul#	98
87) Chrysene	21.592	228	168400	4.319	ng/ul	99
89) Di-n-octyl phthalate	22.404	149	98672	2.322	ng/ul	100
90) Benzo(b)fluoranthene	23.333	252	174251	3.932	ng/ul	97
91) Benzo(k)fluoranthene	23.386	252	177850	4.034	ng/ul	98
93) Benzo(a)pyrene	24.015	252	166362	4.032	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.886	276	204069	4.033	ng/ul	97
95) Dibenzo(a,h)anthracene	26.915	278	170799	4.027	ng/ul	97
96) Benzo(g,h,i)perylene	27.733	276	167994	4.175	ng/ul	98

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

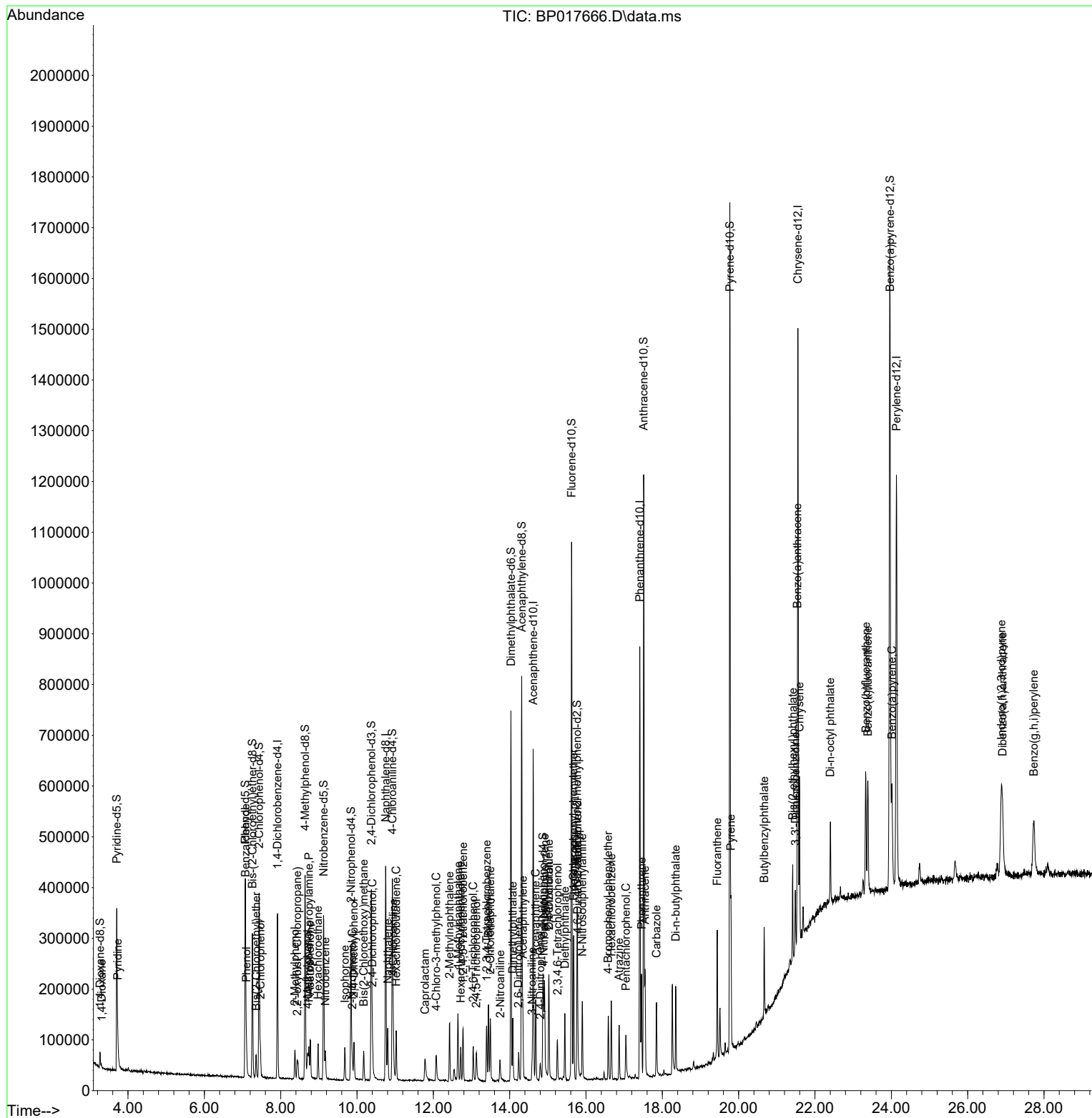
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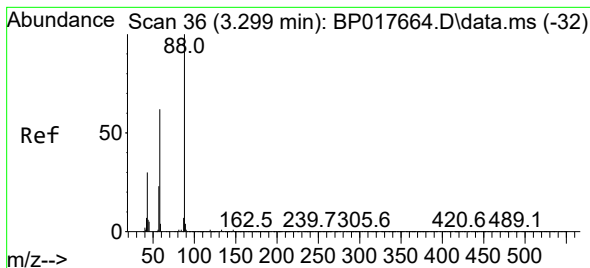
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-QT2-2023-03

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#2

1,4-Dioxane

Concen: 1.269 ng/uL

RT: 3.311 min Scan# 30

Delta R.T. 0.006 min

Lab File: BP017666.D

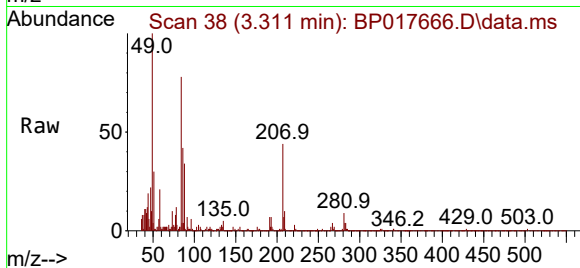
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Instrument :

BNA_P

ClientSampleId :

MDL-WATER-QT2-2023-03



Tgt Ion: 88 Resp: 2979

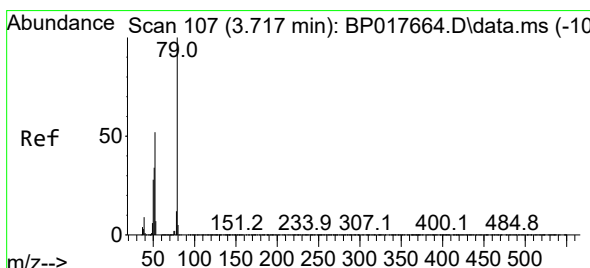
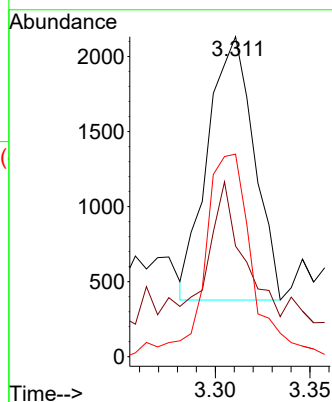
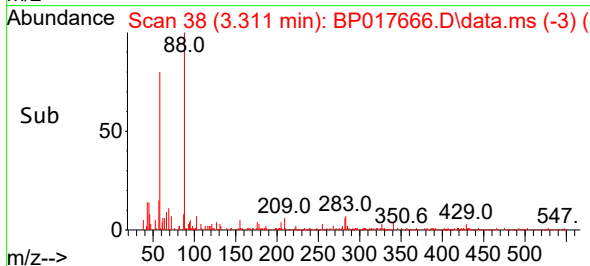
Ion	Ratio	Lower	Upper
88	100		
43	34.6	27.3	40.9
58	63.3	53.3	79.9

Manual Integrations

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Supervised By :mohammad ahmed 10/17/2023



#5

Pyridine

Concen: 4.235 ng/uL

RT: 3.728 min Scan# 109

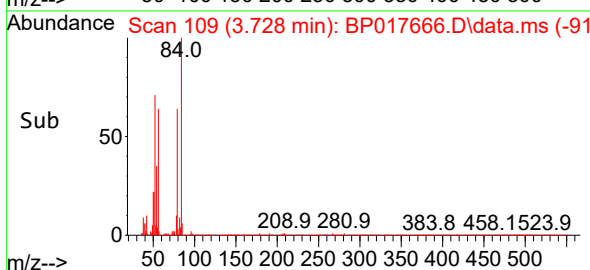
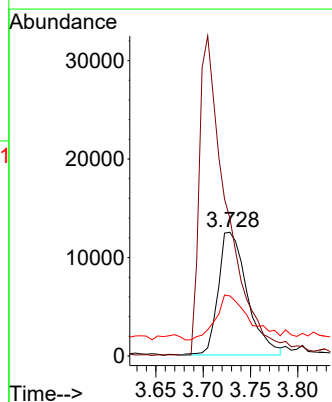
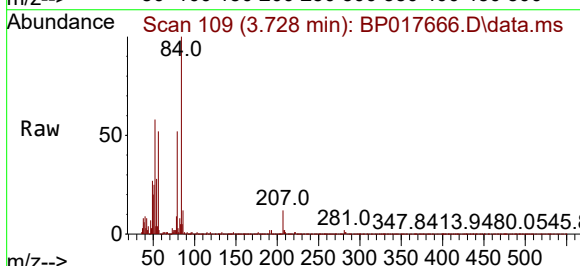
Delta R.T. 0.006 min

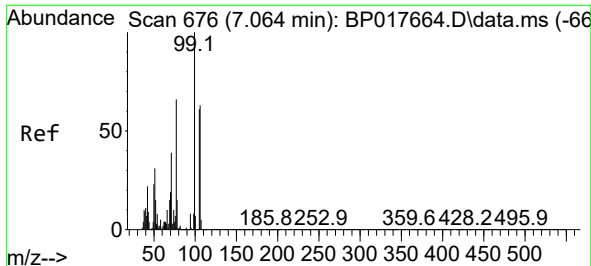
Lab File: BP017666.D

Acq: 13 Oct 2023 14:33

Tgt Ion: 79 Resp: 26610

Ion	Ratio	Lower	Upper
79	100		
52	111.2	55.8	83.6#
51	48.6	28.7	43.1#





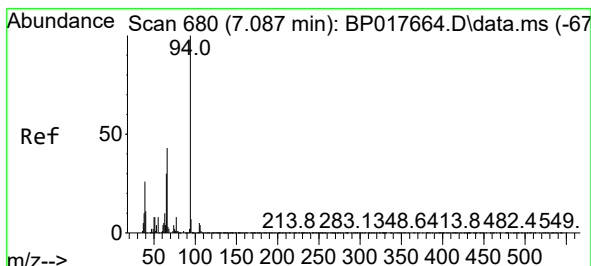
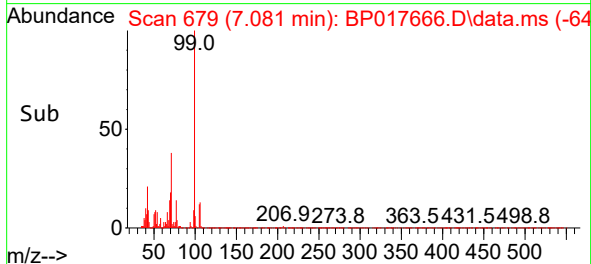
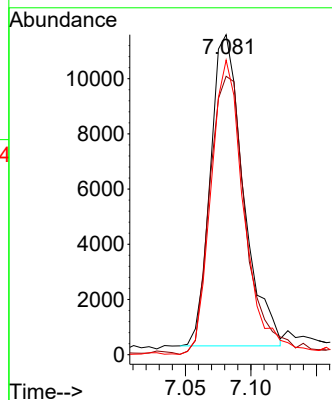
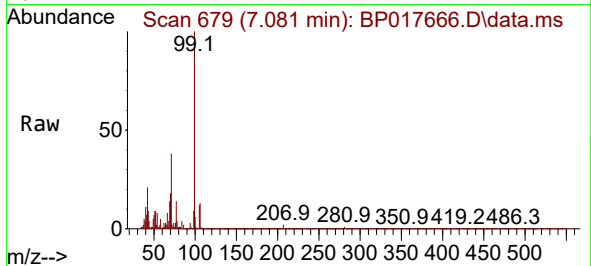
#6
Benzaldehyde
Concen: 5.118 ng/ul
RT: 7.081 min Scan# 61
Delta R.T. 0.018 min
Lab File: BP017666.D
Acq: 13 Oct 2023 14:33

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-QT2-2023-03

Tgt Ion: 77 Resp: 1969
Ion Ratio Lower Upper
77 100
105 87.0 74.9 112.3
106 92.1 72.2 108.2

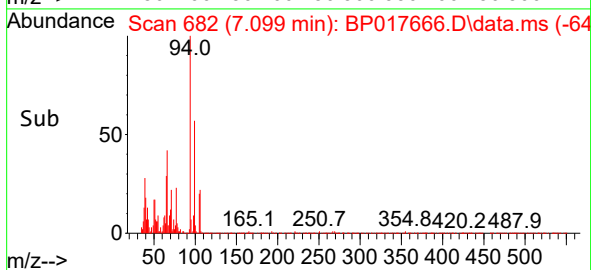
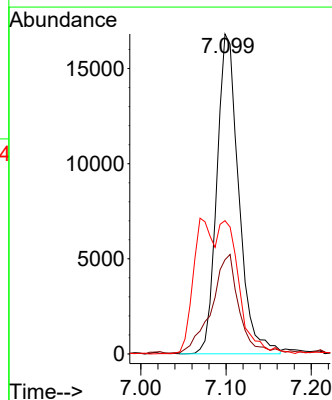
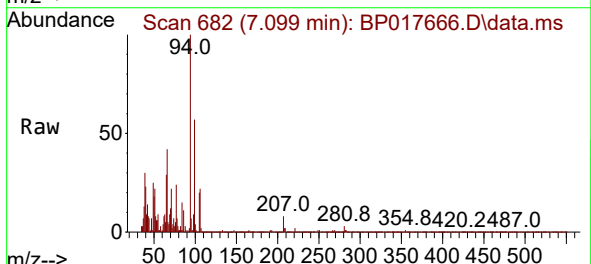
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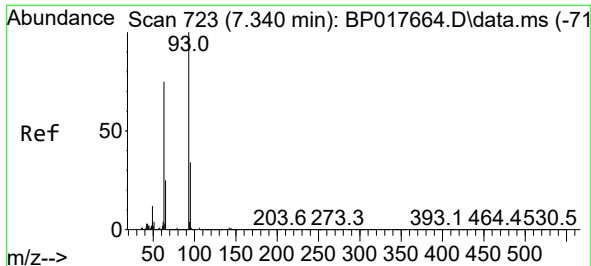
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#8
Phenol
Concen: 3.977 ng/ul
RT: 7.099 min Scan# 682
Delta R.T. 0.006 min
Lab File: BP017666.D
Acq: 13 Oct 2023 14:33

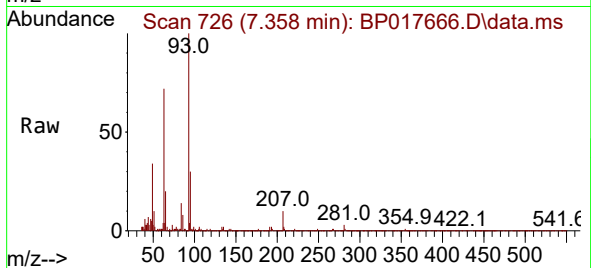
Tgt Ion: 94 Resp: 29987
Ion Ratio Lower Upper
94 100
65 29.4 24.2 36.4
66 41.7 31.8 47.6





#10
Bis(2-Chloroethyl)ether
Concen: 4.180 ng/ul
RT: 7.358 min Scan# 726
Delta R.T. 0.012 min
Lab File: BP017666.D
Acq: 13 Oct 2023 14:33

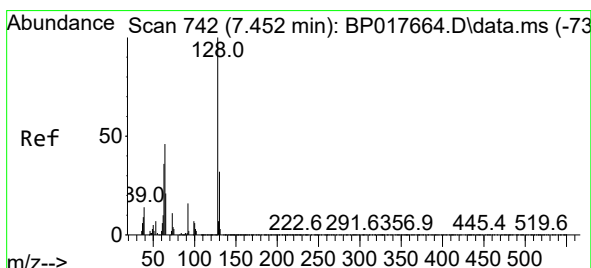
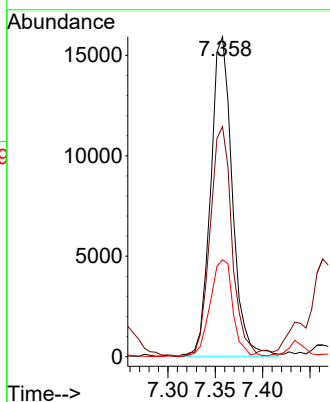
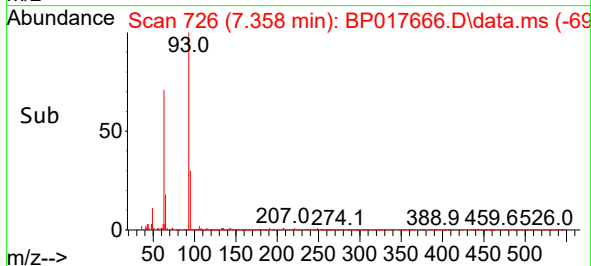
Instrument :
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Tgt Ion: 93 Resp: 25292
Ion Ratio Lower Upper
93 100
63 72.0 59.4 89.2
95 30.3 25.3 37.9

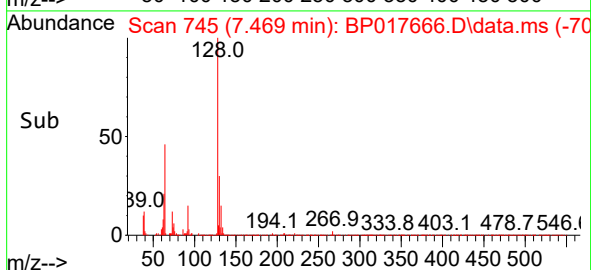
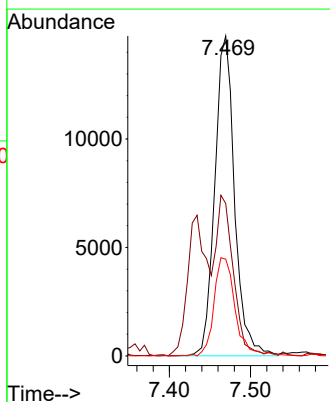
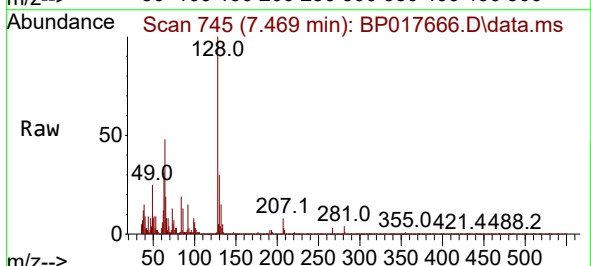
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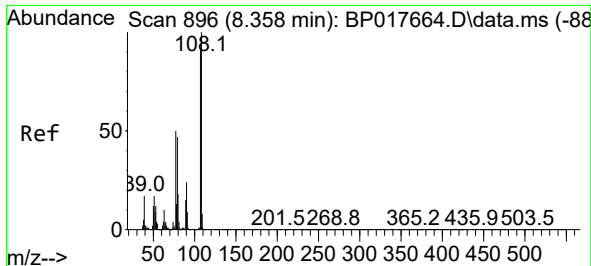
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#12
2-Chlorophenol
Concen: 4.251 ng/ul
RT: 7.469 min Scan# 745
Delta R.T. 0.012 min
Lab File: BP017666.D
Acq: 13 Oct 2023 14:33

Tgt Ion:128 Resp: 24973
Ion Ratio Lower Upper
128 100
64 47.7 36.9 55.3
130 30.3 25.8 38.8





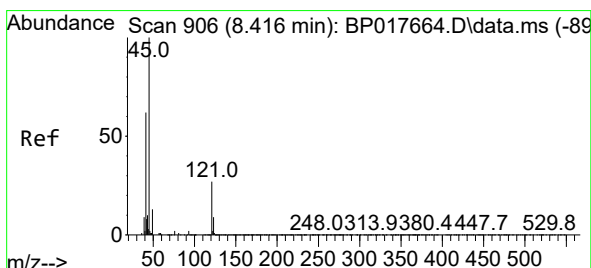
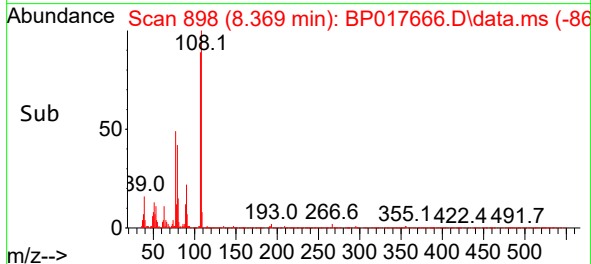
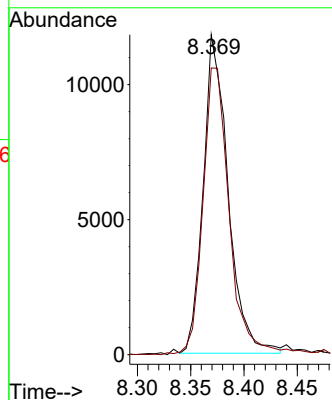
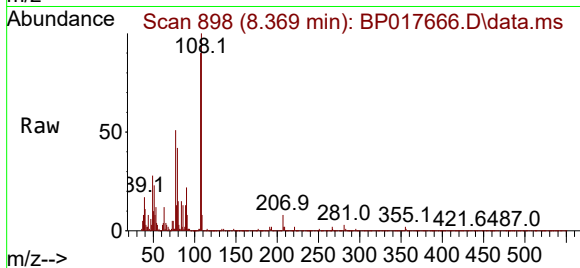
#13
2-Methylphenol
Concen: 3.422 ng/ul
RT: 8.369 min Scan# 896
Delta R.T. 0.012 min
Lab File: BP017666.D
Acq: 13 Oct 2023 14:33

Instrument :
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ClientSampleId :
MDL-WATER-QT2-2023-03

Tgt Ion:108 Resp: 1920
Ion Ratio Lower Upper
108 100
107 89.6 70.2 105.2

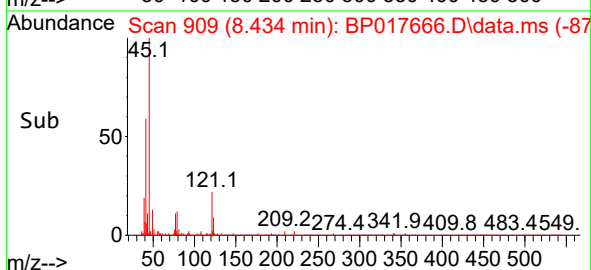
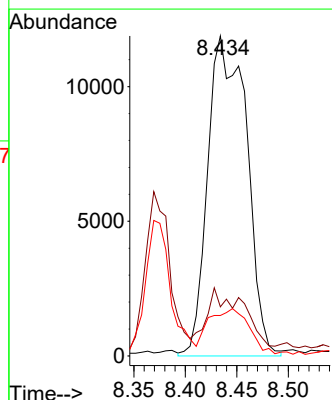
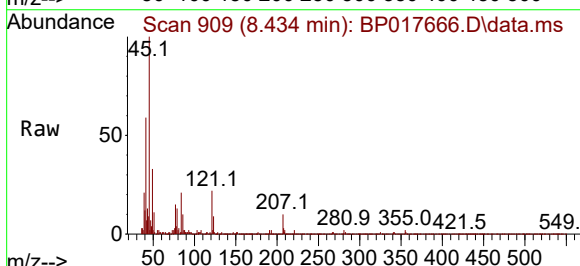
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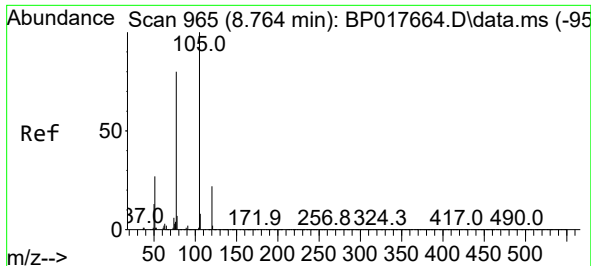
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#14
2,2'-oxybis(1-Chloropropane)
Concen: 3.992 ng/ul m
RT: 8.434 min Scan# 909
Delta R.T. 0.012 min
Lab File: BP017666.D
Acq: 13 Oct 2023 14:33

Tgt Ion: 45 Resp: 31163
Ion Ratio Lower Upper
45 100
77 15.4 13.0 19.6
79 12.7 9.5 14.3





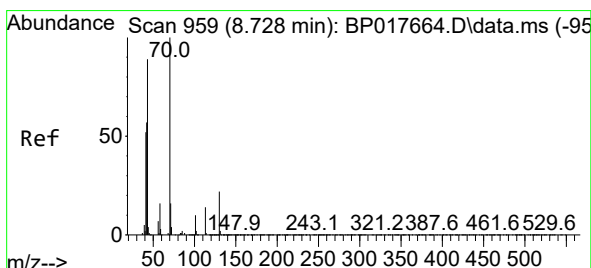
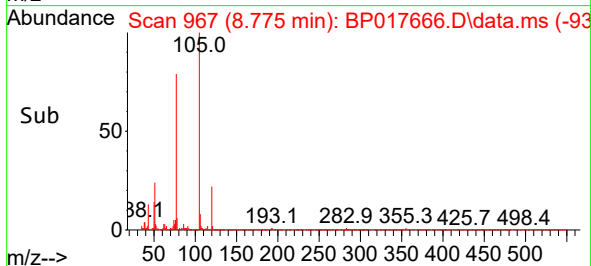
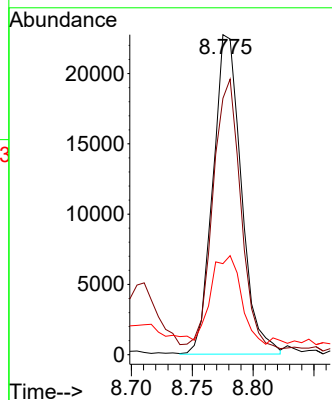
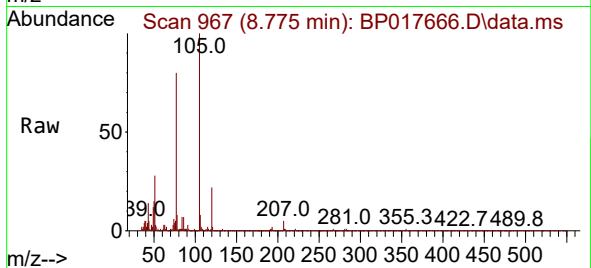
#16
Acetophenone
Concen: 3.903 ng/ul
RT: 8.775 min Scan# 90
Delta R.T. 0.012 min
Lab File: BP017666.D
Acq: 13 Oct 2023 14:33

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-QT2-2023-03

Tgt Ion:105 Resp: 3685
Ion Ratio Lower Upper
105 100
77 80.1 64.3 96.5
51 28.5 22.6 33.8

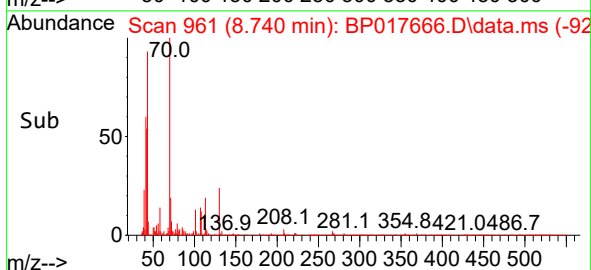
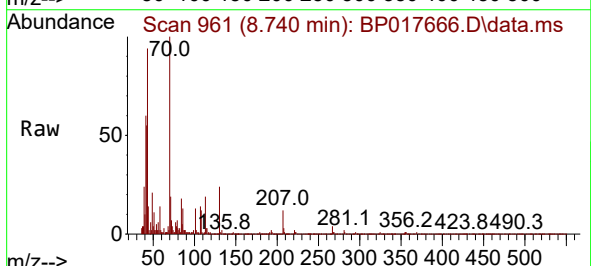
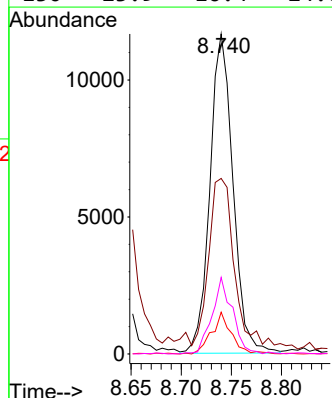
Manual Integrations
APPROVED

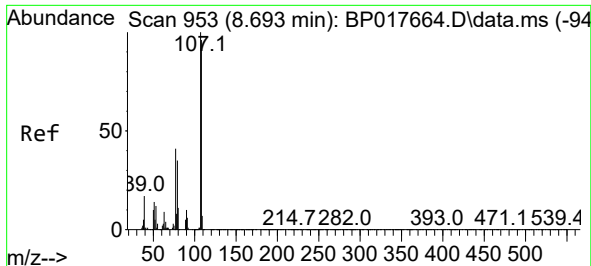
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#17
N-Nitroso-di-n-propylamine
Concen: 3.905 ng/ul
RT: 8.740 min Scan# 961
Delta R.T. 0.012 min
Lab File: BP017666.D
Acq: 13 Oct 2023 14:33

Tgt Ion: 70 Resp: 18660
Ion Ratio Lower Upper
70 100
42 54.9 46.6 70.0
101 13.0 7.8 11.6#
130 23.9 16.4 24.6





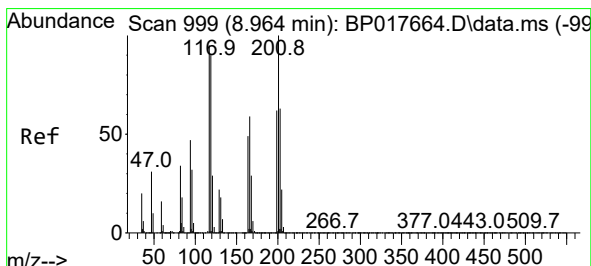
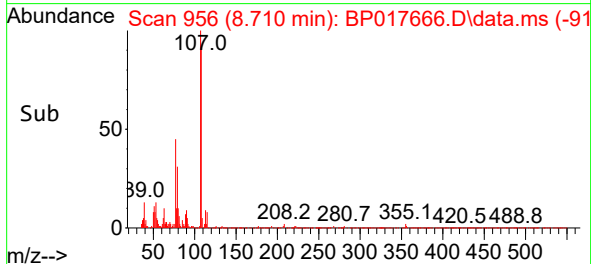
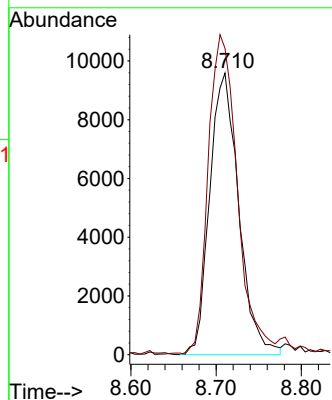
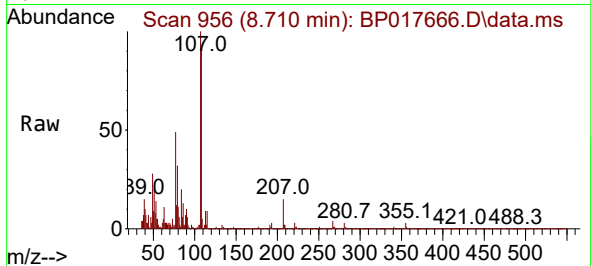
#18
4-Methylphenol
Concen: 3.725 ng/ul
RT: 8.710 min Scan# 91
Delta R.T. 0.018 min
Lab File: BP017666.D
Acq: 13 Oct 2023 14:33

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-QT2-2023-03

Tgt Ion:108 Resp: 22729
Ion Ratio Lower Upper
108 100
107 108.8 89.4 134.2

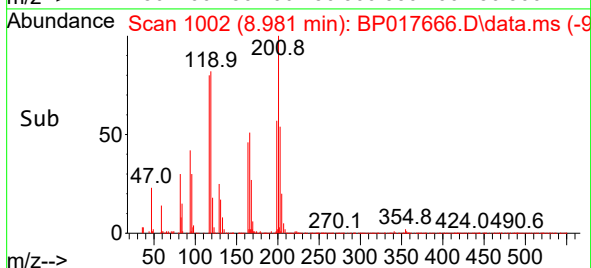
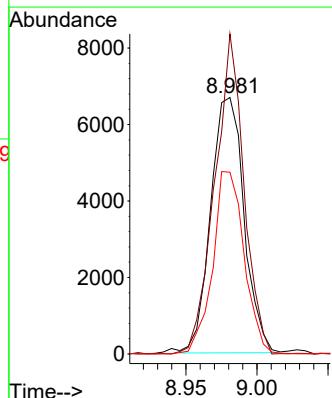
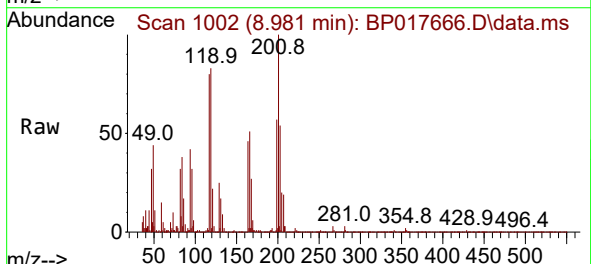
Manual Integrations
APPROVED

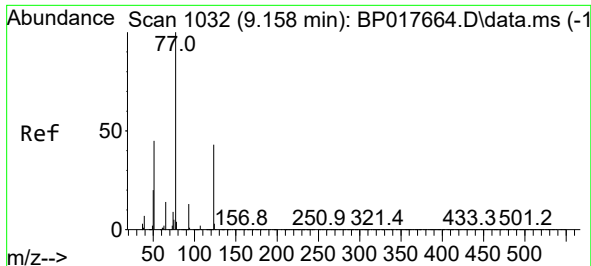
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#19
Hexachloroethane
Concen: 4.153 ng/ul
RT: 8.981 min Scan# 1002
Delta R.T. 0.012 min
Lab File: BP017666.D
Acq: 13 Oct 2023 14:33

Tgt Ion:117 Resp: 10901
Ion Ratio Lower Upper
117 100
201 124.8 85.4 128.2
199 70.9 53.7 80.5





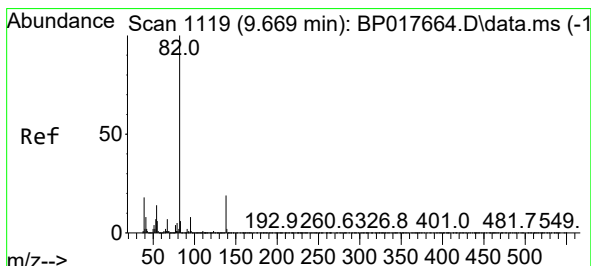
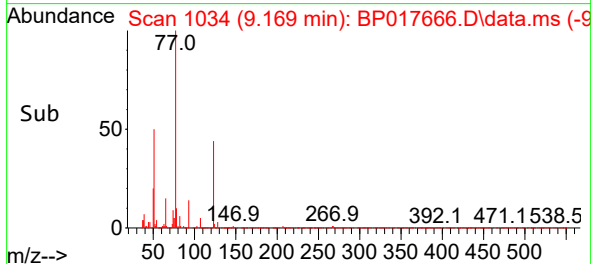
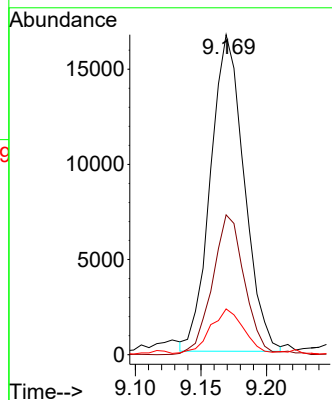
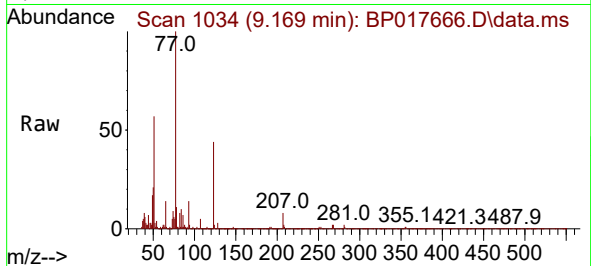
#22
Nitrobenzene
Concen: 4.225 ng/ul
RT: 9.169 min Scan# 1032
Delta R.T. 0.012 min
Lab File: BP017666.D
Acq: 13 Oct 2023 14:33

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-QT2-2023-03

Tgt Ion: 77 Resp: 2972
Ion Ratio Lower Upper
77 100
123 43.7 33.8 50.6
65 14.3 10.6 16.0

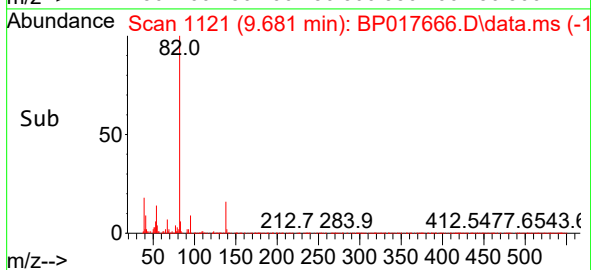
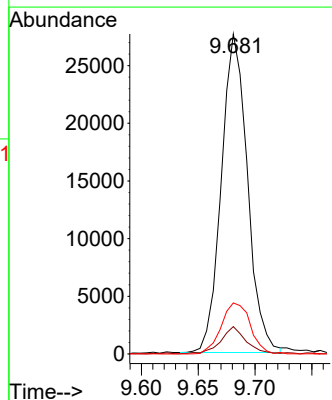
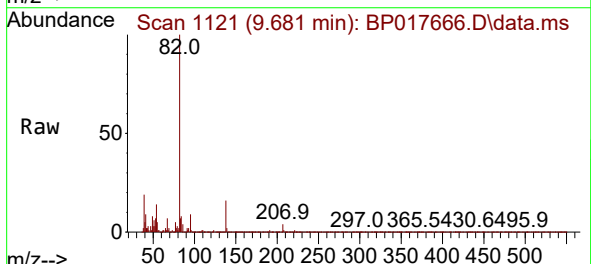
Manual Integrations
APPROVED

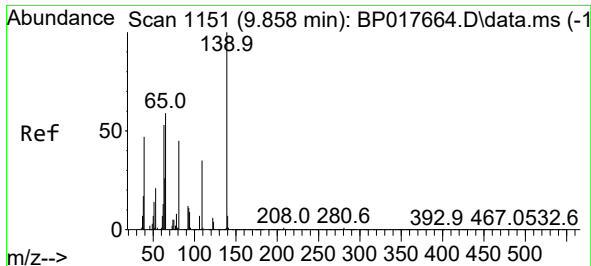
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#23
Isophorone
Concen: 3.481 ng/ul
RT: 9.681 min Scan# 1121
Delta R.T. 0.012 min
Lab File: BP017666.D
Acq: 13 Oct 2023 14:33

Tgt Ion: 82 Resp: 44154
Ion Ratio Lower Upper
82 100
95 8.6 6.0 9.0
138 15.9 13.9 20.9





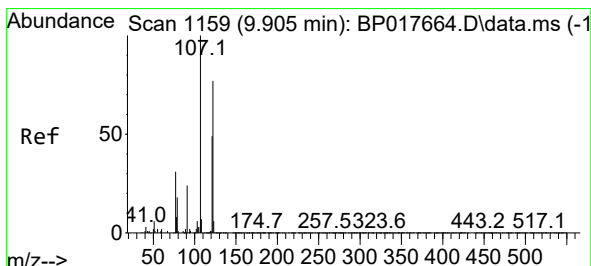
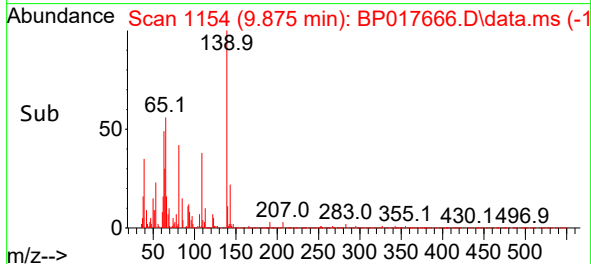
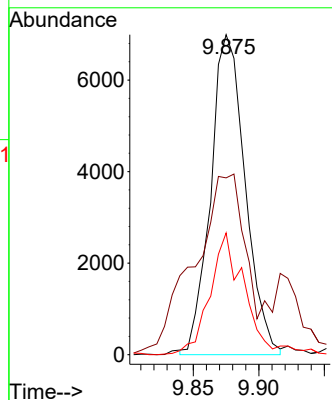
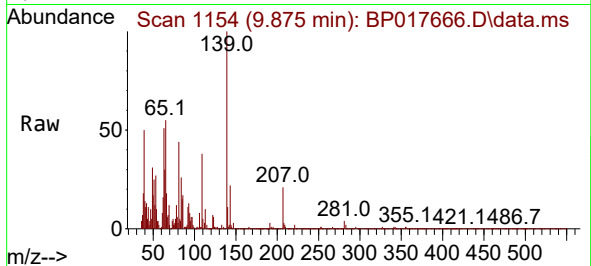
#25
2-Nitrophenol
Concen: 3.904 ng/ul
RT: 9.875 min Scan# 1151
Delta R.T. 0.012 min
Lab File: BP017666.D
Acq: 13 Oct 2023 14:33

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-QT2-2023-03

Tgt Ion:139 Resp: 1279
Ion Ratio Lower Upper
139 100
65 55.2 43.4 65.2
109 38.0 28.1 42.1

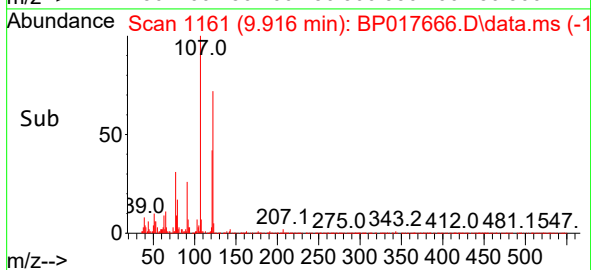
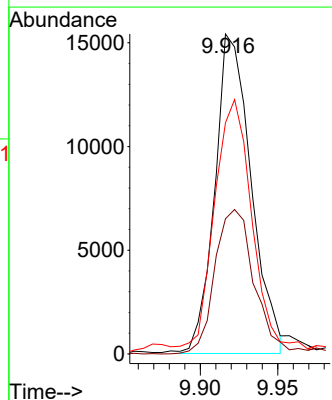
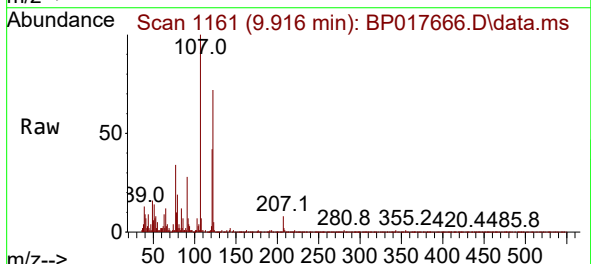
Manual Integrations
APPROVED

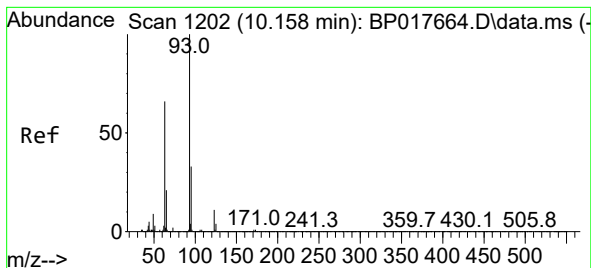
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#26
2,4-Dimethylphenol
Concen: 3.855 ng/ul
RT: 9.916 min Scan# 1161
Delta R.T. 0.012 min
Lab File: BP017666.D
Acq: 13 Oct 2023 14:33

Tgt Ion:107 Resp: 25097
Ion Ratio Lower Upper
107 100
121 42.3 37.6 56.4
122 72.3 67.0 100.6





#27

Bis(2-Chloroethoxy)methane

Concen: 4.057 ng/ul

RT: 10.175 min Scan# 1202

Delta R.T. 0.012 min

Lab File: BP017666.D

Acq: 13 Oct 2023 14:33

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-QT2-2023-03

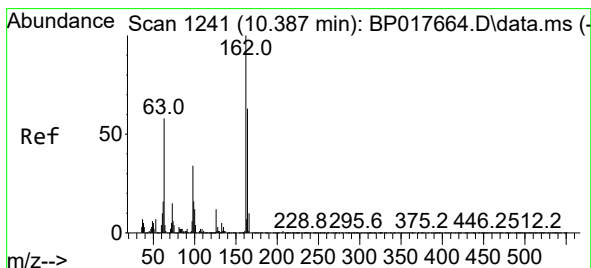
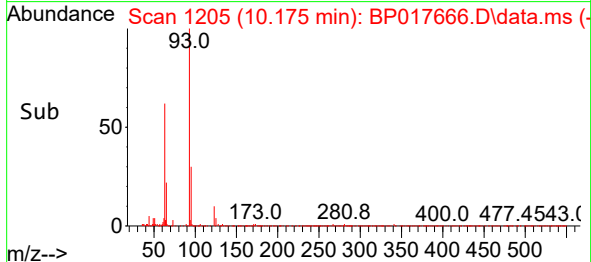
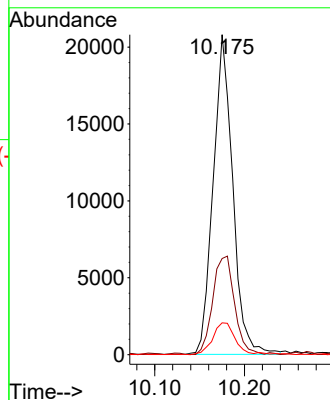
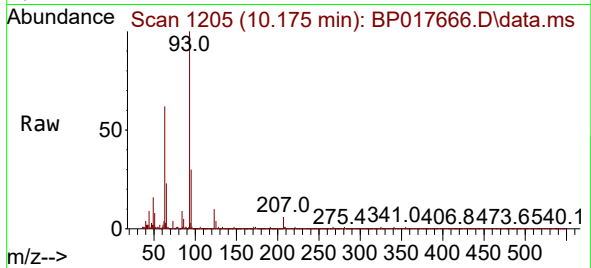
Tgt Ion:	93	Resp:	31439
Ion Ratio	Lower	Upper	
93	100		
95	30.0	25.9	38.9
123	10.0	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2023

Supervised By :mohammad ahmed 10/17/2023



#29

2,4-Dichlorophenol

Concen: 3.974 ng/ul

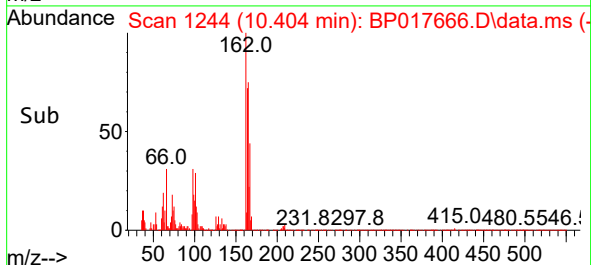
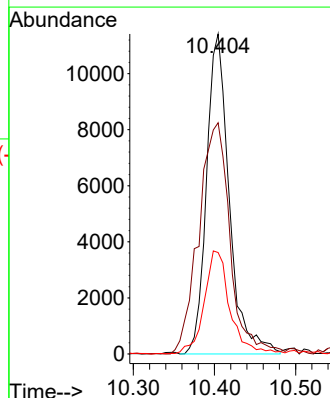
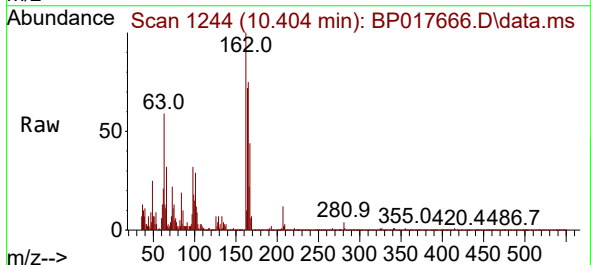
RT: 10.404 min Scan# 1244

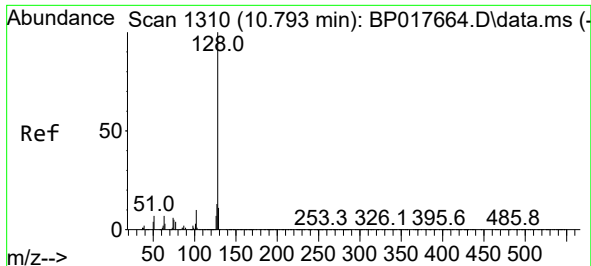
Delta R.T. 0.018 min

Lab File: BP017666.D

Acq: 13 Oct 2023 14:33

Tgt Ion:	162	Resp:	22195
Ion Ratio	Lower	Upper	
162	100		
164	72.3	50.5	75.7
98	31.7	27.8	41.8





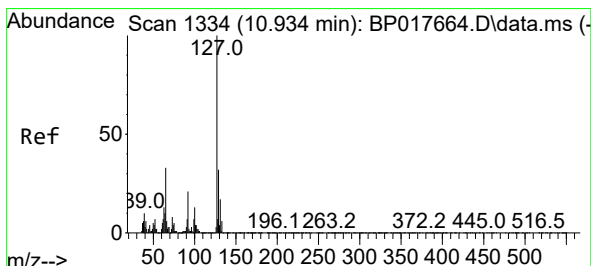
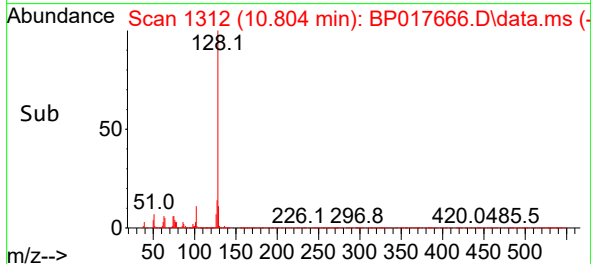
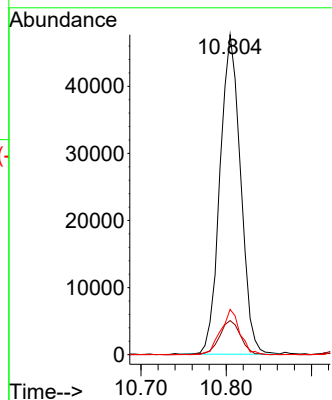
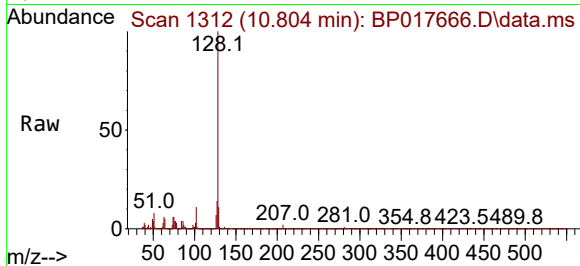
#30
Naphthalene
Concen: 4.227 ng/ul
RT: 10.804 min Scan# 1311
Delta R.T. 0.012 min
Lab File: BP017666.D
Acq: 13 Oct 2023 14:33

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-QT2-2023-03

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.9	13.3
127	14.2	10.5	15.7

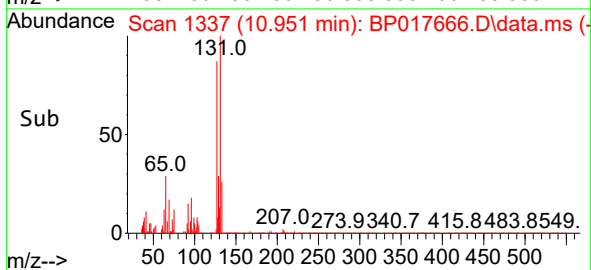
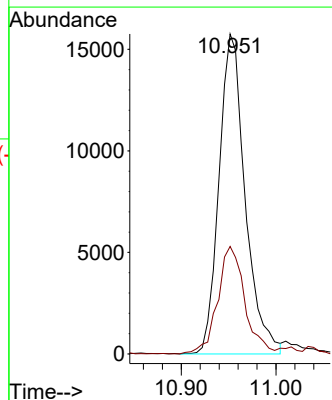
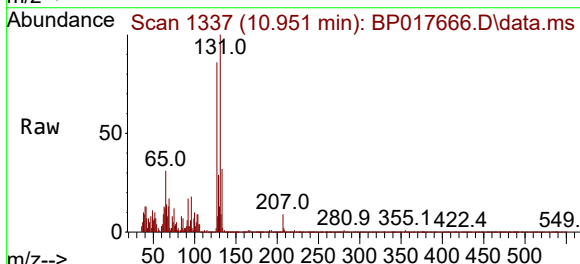
Manual Integrations
APPROVED

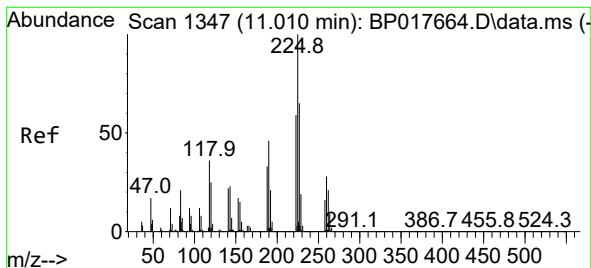
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#32
4-Chloroaniline
Concen: 3.810 ng/ul
RT: 10.951 min Scan# 1337
Delta R.T. 0.012 min
Lab File: BP017666.D
Acq: 13 Oct 2023 14:33

Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.6	26.6	40.0





#33

Hexachlorobutadiene

Concen: 4.133 ng/ul

RT: 11.028 min Scan# 11

Delta R.T. 0.012 min

Lab File: BP017666.D

Acq: 13 Oct 2023 14:33

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-QT2-2023-03

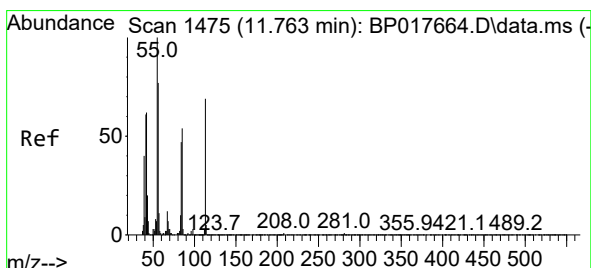
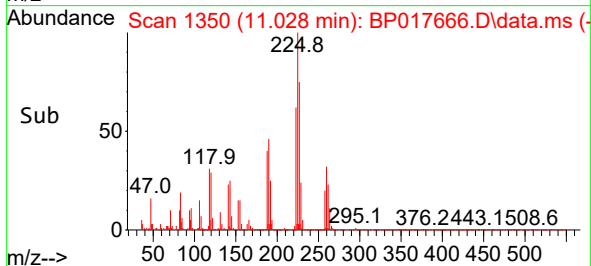
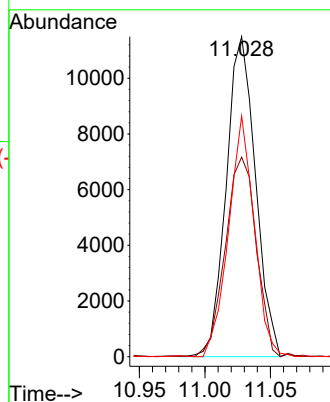
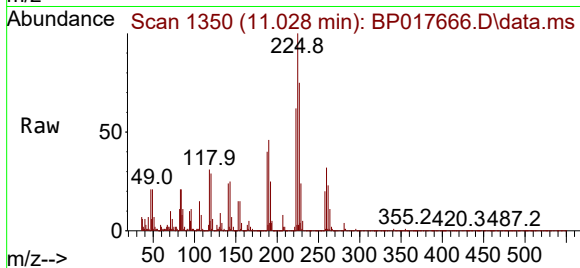
Tgt Ion:	225	Resp:	17850
Ion Ratio	Lower	Upper	
225	100		
223	62.4	50.2	75.2
227	75.2	51.0	76.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2023

Supervised By :mohammad ahmed 10/17/2023



#34

Caprolactam

Concen: 6.482 ng/ul m

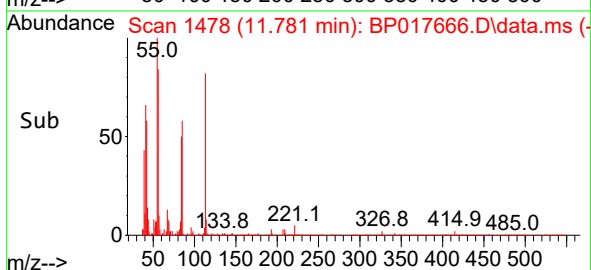
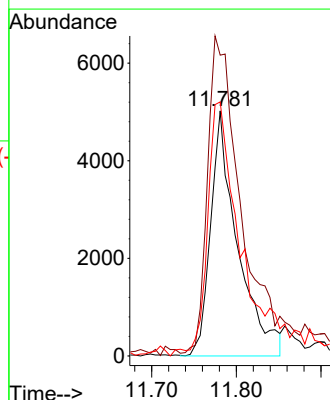
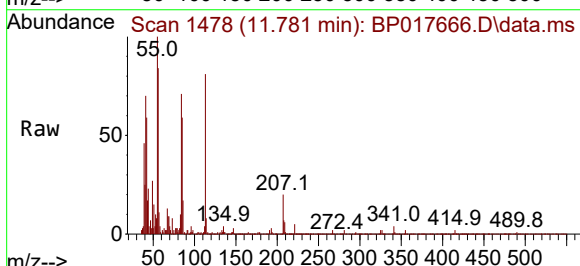
RT: 11.781 min Scan# 1478

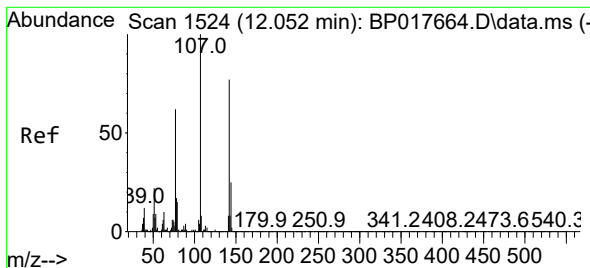
Delta R.T. 0.012 min

Lab File: BP017666.D

Acq: 13 Oct 2023 14:33

Tgt Ion:	113	Resp:	11074
Ion Ratio	Lower	Upper	
113	100		
55	122.7	126.9	190.3#
56	103.7	97.9	146.9





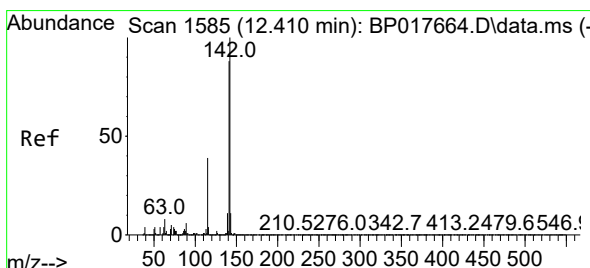
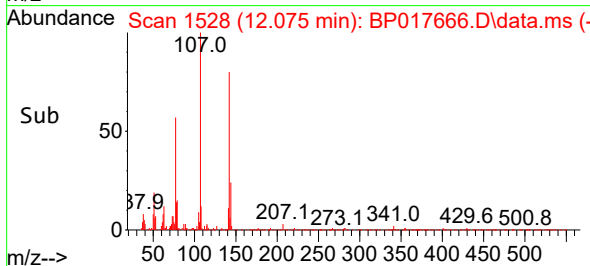
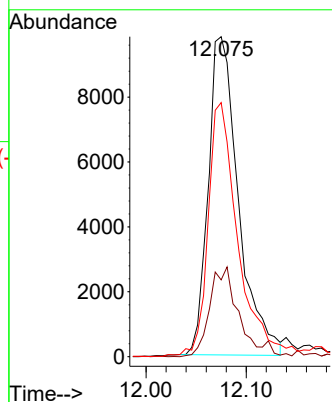
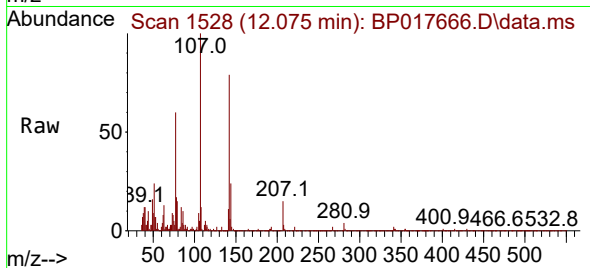
#35
4-Chloro-3-methylphenol
Concen: 3.491 ng/ul
RT: 12.075 min Scan# 1528
Delta R.T. 0.024 min
Lab File: BP017666.D
Acq: 13 Oct 2023 14:33

Instrument : BNA_P
ClientSampleId : MDL-WATER-QT2-2023-03

Tgt Ion:107 Resp: 20569
Ion Ratio Lower Upper
107 100
144 24.0 20.1 30.1
142 79.4 63.3 94.9

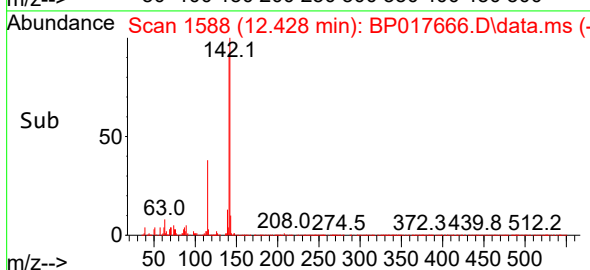
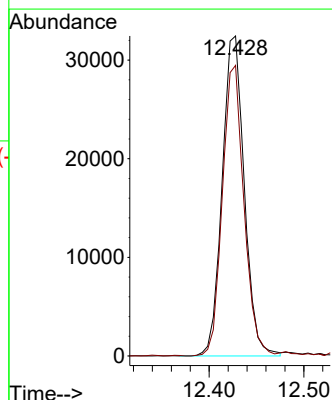
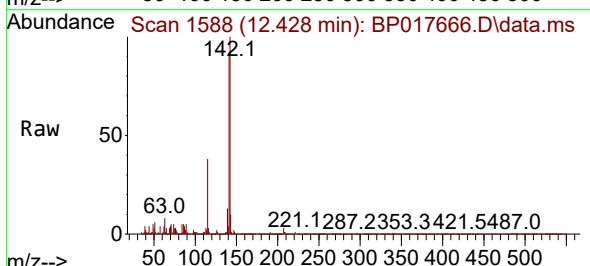
Manual Integrations
APPROVED

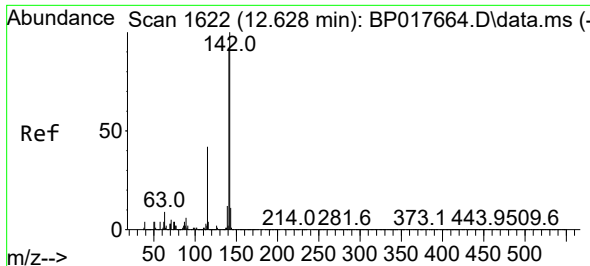
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#36
2-Methylnaphthalene
Concen: 4.058 ng/ul
RT: 12.428 min Scan# 1588
Delta R.T. 0.018 min
Lab File: BP017666.D
Acq: 13 Oct 2023 14:33

Tgt Ion:142 Resp: 52671
Ion Ratio Lower Upper
142 100
141 90.8 72.8 109.2





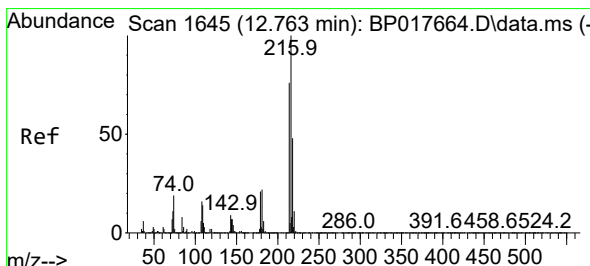
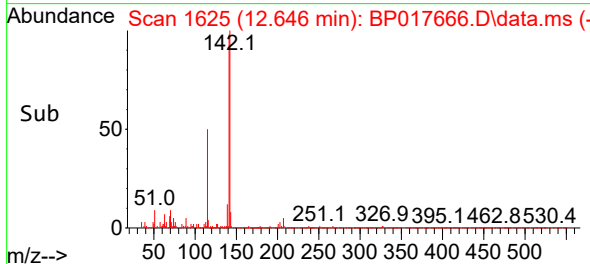
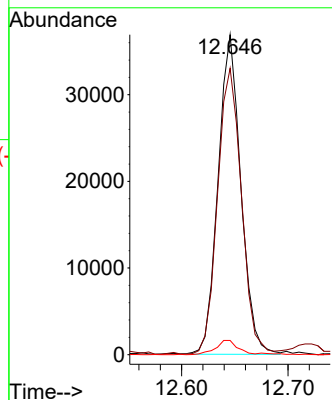
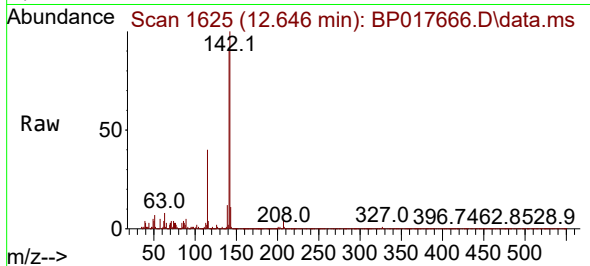
#37
1-Methylnaphthalene
Concen: 4.155 ng/ul
RT: 12.646 min Scan# 1622
Delta R.T. 0.012 min
Lab File: BP017666.D
Acq: 13 Oct 2023 14:33

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-QT2-2023-03

Tgt Ion:142 Resp: 5474
Ion Ratio Lower Upper
142 100
141 89.5 74.3 111.5
116 4.5 3.3 4.9

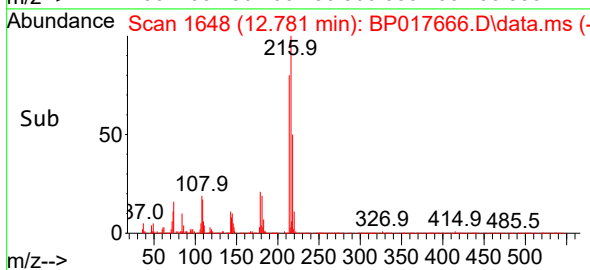
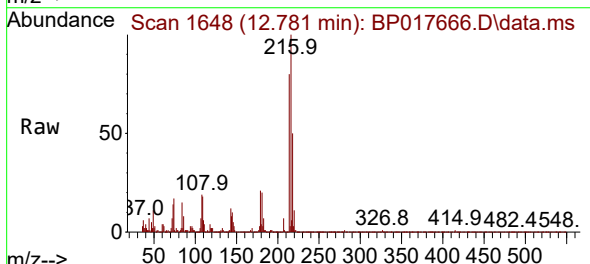
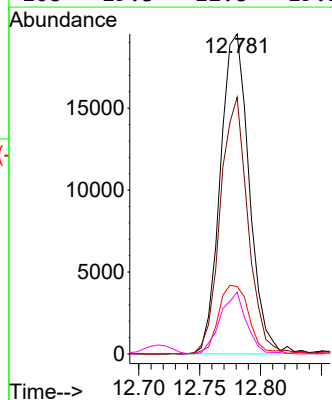
Manual Integrations
APPROVED

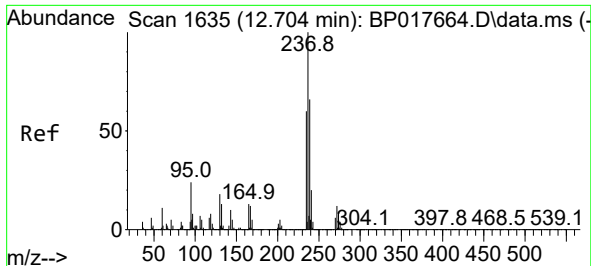
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.285 ng/ul
RT: 12.781 min Scan# 1648
Delta R.T. 0.018 min
Lab File: BP017666.D
Acq: 13 Oct 2023 14:33

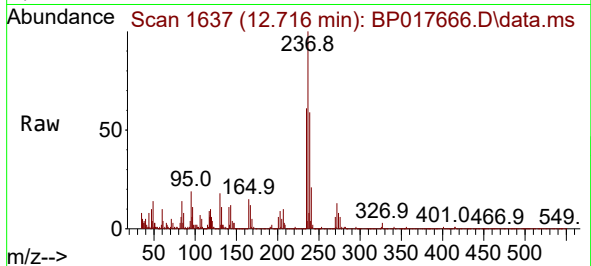
Tgt Ion:216 Resp: 32124
Ion Ratio Lower Upper
216 100
214 80.3 59.8 89.8
179 21.0 16.6 25.0
108 19.3 12.8 19.2#





#40
Hexachlorocyclopentadiene
Concen: 4.822 ng/ul
RT: 12.716 min Scan# 1635
Delta R.T. 0.012 min
Lab File: BP017666.D
Acq: 13 Oct 2023 14:33

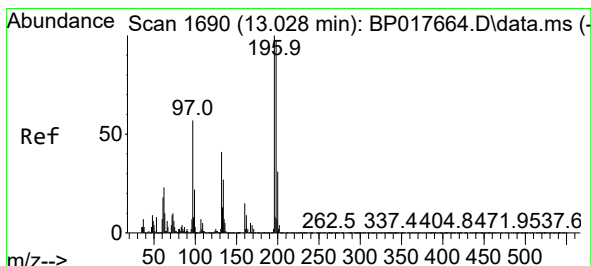
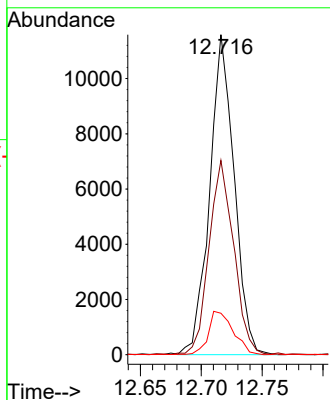
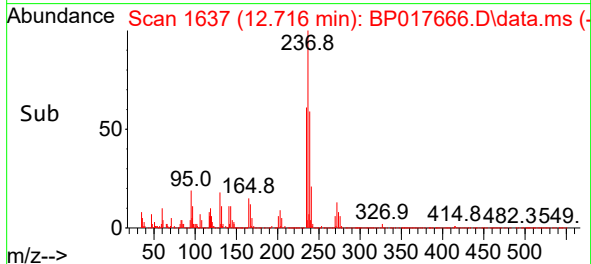
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-QT2-2023-03



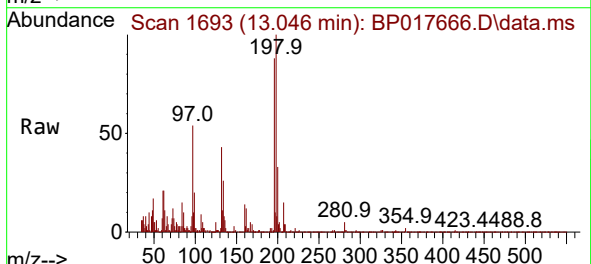
Tgt Ion:237 Resp: 1624
Ion Ratio Lower Upper
237 100
235 64.8 50.4 75.6
272 13.0 11.3 16.9

Manual Integrations
APPROVED

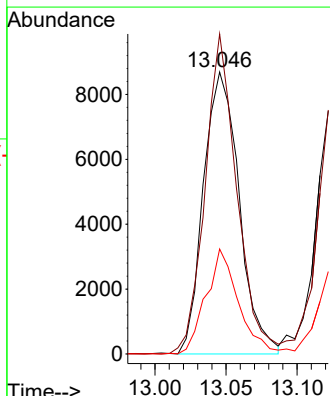
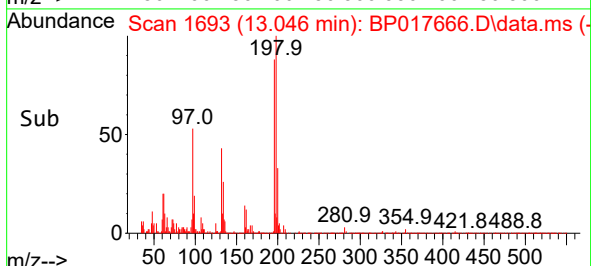
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023

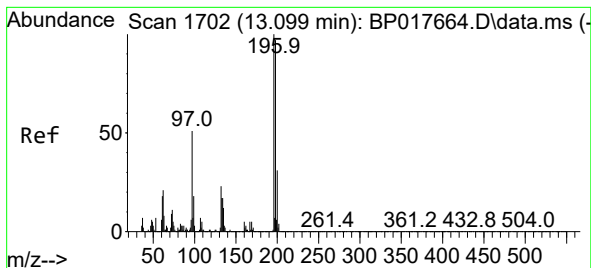


#41
2,4,6-Trichlorophenol
Concen: 3.301 ng/ul
RT: 13.046 min Scan# 1693
Delta R.T. 0.018 min
Lab File: BP017666.D
Acq: 13 Oct 2023 14:33



Tgt Ion:196 Resp: 15241
Ion Ratio Lower Upper
196 100
198 113.5 77.3 115.9
200 37.2 25.4 38.2





#42

2,4,5-Trichlorophenol

Concen: 3.476 ng/ul

RT: 13.128 min Scan# 1

Delta R.T. 0.029 min

Lab File: BP017666.D

Acq: 13 Oct 2023 14:33

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-QT2-2023-03

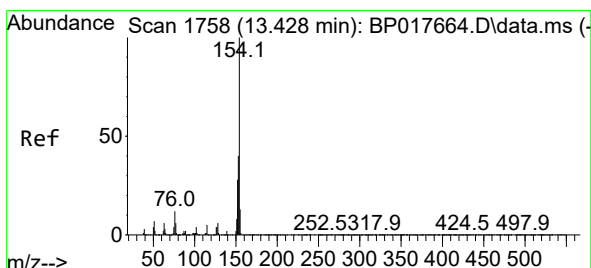
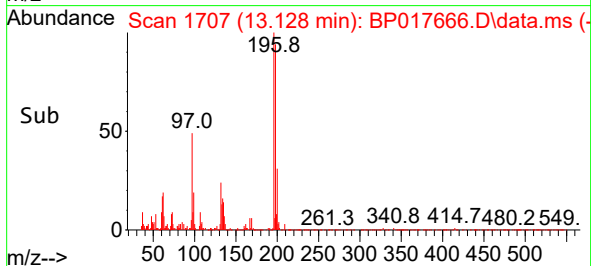
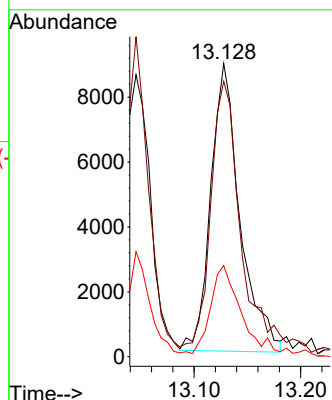
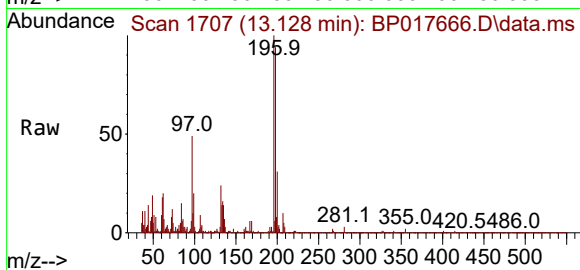
Tgt Ion:	196	Resp:	1694
Ion Ratio	Lower	Upper	
196	100		
198	94.0	73.0	109.4
200	31.1	23.9	35.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2023

Supervised By :mohammad ahmed 10/17/2023



#43

1,1'-Biphenyl

Concen: 4.226 ng/ul

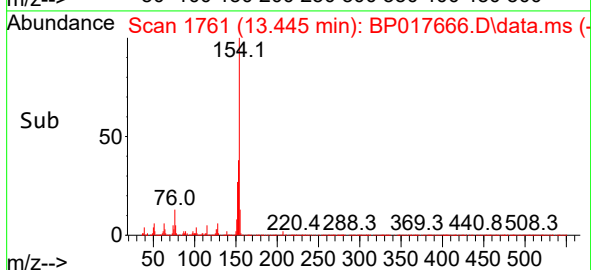
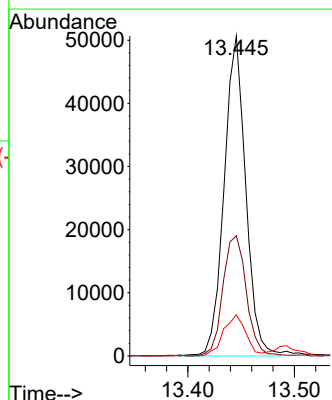
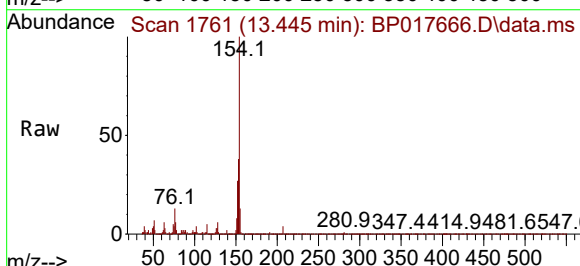
RT: 13.445 min Scan# 1761

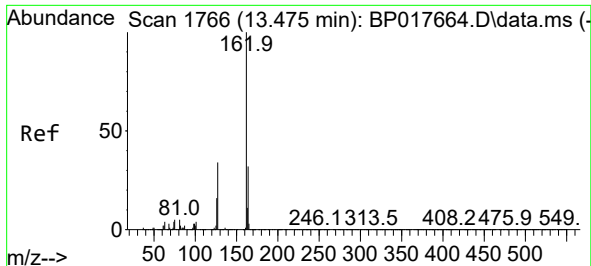
Delta R.T. 0.018 min

Lab File: BP017666.D

Acq: 13 Oct 2023 14:33

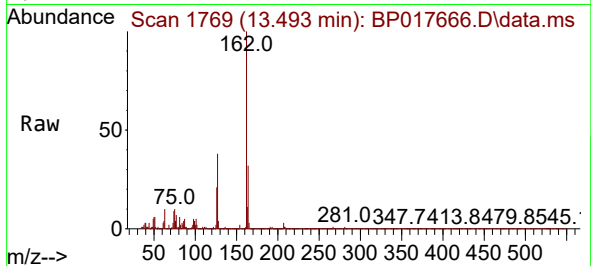
Tgt Ion:	154	Resp:	71174
Ion Ratio	Lower	Upper	
154	100		
153	37.6	32.5	48.7
76	12.8	10.4	15.6





#44
2-Chloronaphthalene
Concen: 4.239 ng/ul
RT: 13.493 min Scan# 1769
Delta R.T. 0.012 min
Lab File: BP017666.D
Acq: 13 Oct 2023 14:33

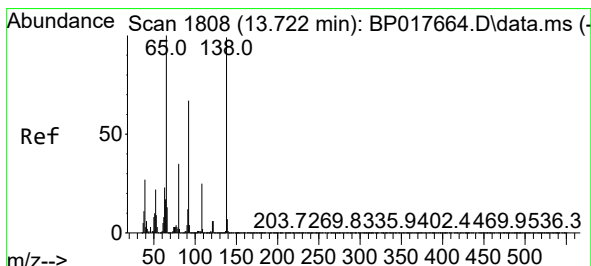
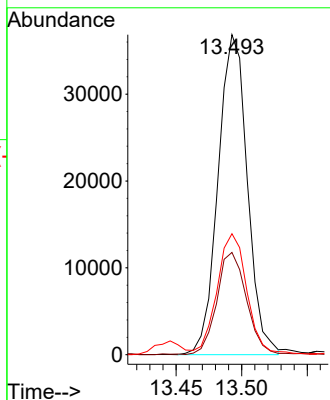
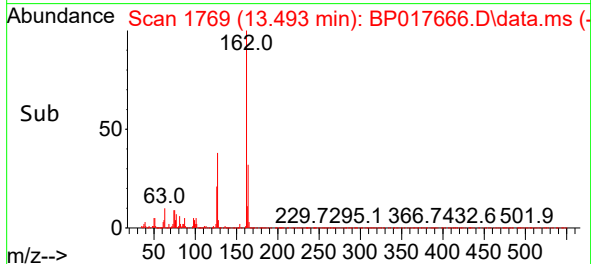
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-QT2-2023-03



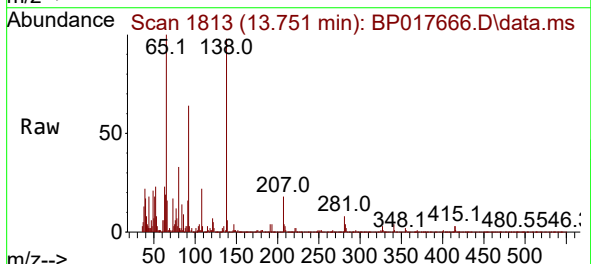
Tgt Ion:162 Resp: 57120
Ion Ratio Lower Upper
162 100
164 32.0 26.5 39.7
127 37.8 31.4 47.0

Manual Integrations
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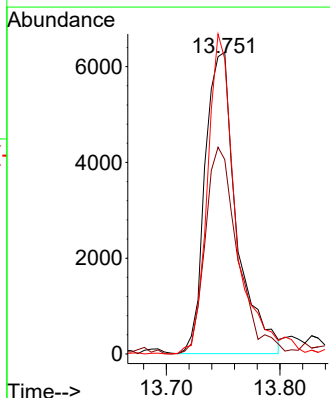
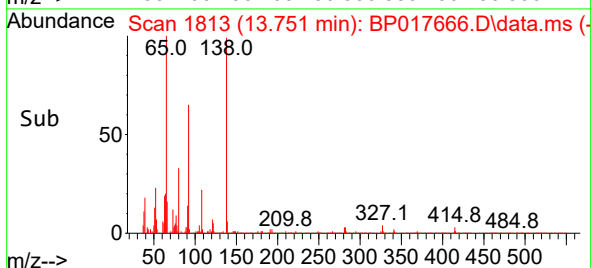
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023

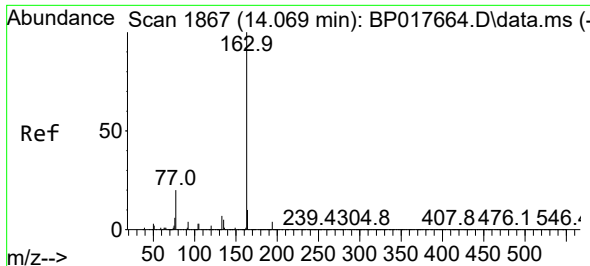


#45
2-Nitroaniline
Concen: 3.258 ng/ul
RT: 13.751 min Scan# 1813
Delta R.T. 0.024 min
Lab File: BP017666.D
Acq: 13 Oct 2023 14:33



Tgt Ion: 65 Resp: 12137
Ion Ratio Lower Upper
65 100
92 64.4 55.3 82.9
138 97.8 82.8 124.2





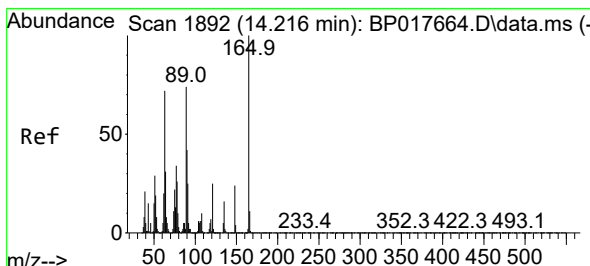
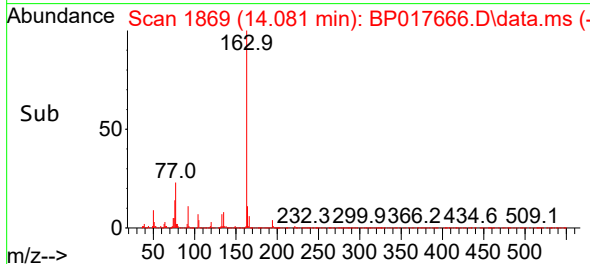
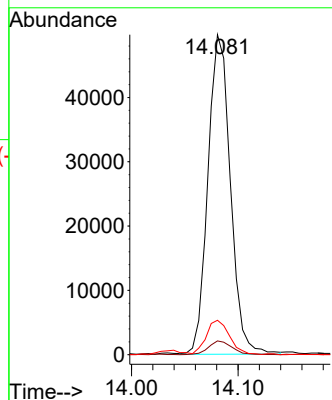
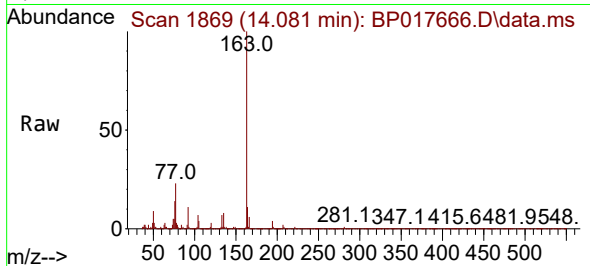
#47
Dimethylphthalate
Concen: 4.146 ng/ul
RT: 14.081 min Scan# 1867
Delta R.T. 0.012 min
Lab File: BP017666.D
Acq: 13 Oct 2023 14:33

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-QT2-2023-03

Tgt Ion:163 Resp: 7286
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.8 8.0 12.0

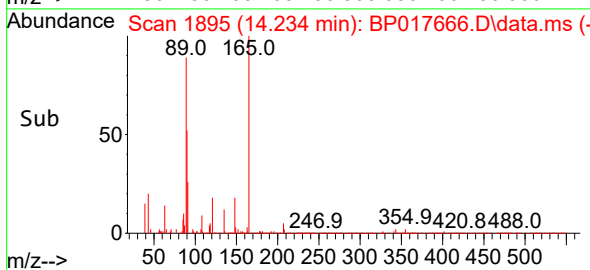
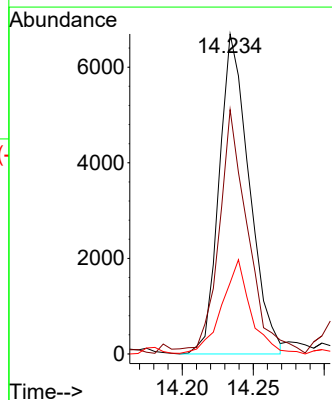
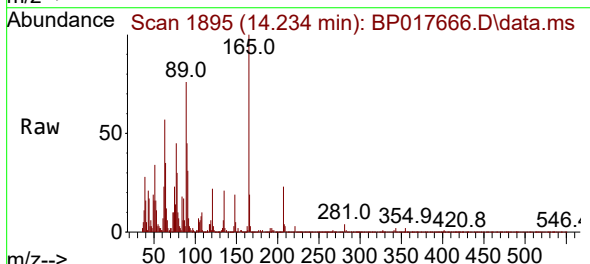
Manual Integrations
APPROVED

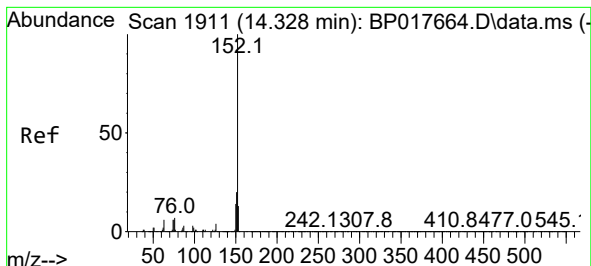
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#48
2,6-Dinitrotoluene
Concen: 3.030 ng/ul
RT: 14.234 min Scan# 1895
Delta R.T. 0.012 min
Lab File: BP017666.D
Acq: 13 Oct 2023 14:33

Tgt Ion:165 Resp: 9858
Ion Ratio Lower Upper
165 100
89 76.3 49.0 73.4#
121 22.2 16.5 24.7





#50

Acenaphthylene

Concen: 4.121 ng/ul

RT: 14.345 min Scan# 1914

Delta R.T. 0.012 min

Lab File: BP017666.D

Acq: 13 Oct 2023 14:33

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-QT2-2023-03

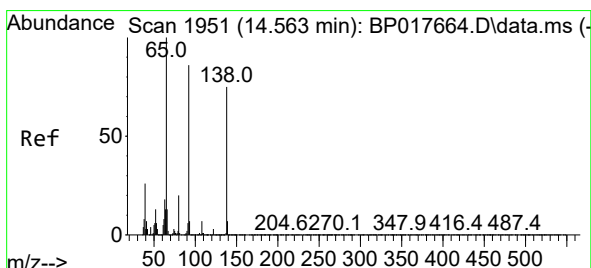
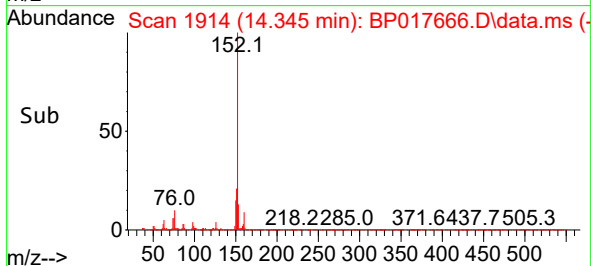
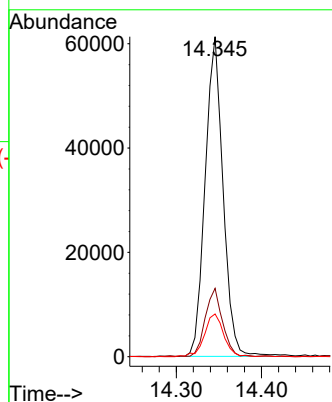
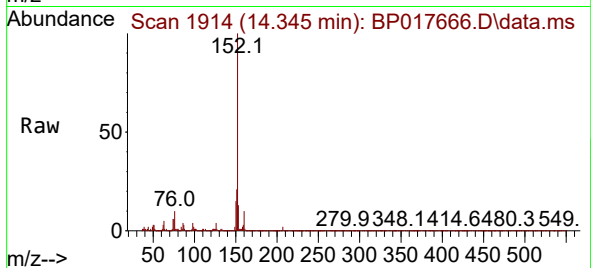
Tgt Ion:	152	Resp:	8936
Ion Ratio	Lower	Upper	
152	100		
151	21.4	15.8	23.8
153	13.3	10.5	15.7

Manual Integrations

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Reviewed By :Yogesh Patel 10/16/2023

Supervised By :mohammad ahmed 10/17/2023



#51

3-Nitroaniline

Concen: 2.866 ng/ul

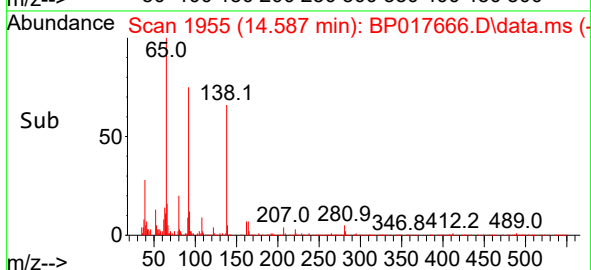
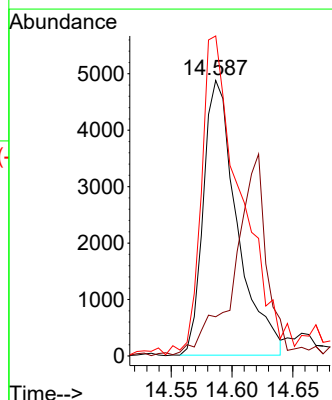
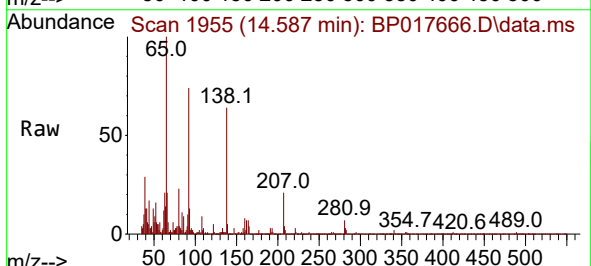
RT: 14.587 min Scan# 1955

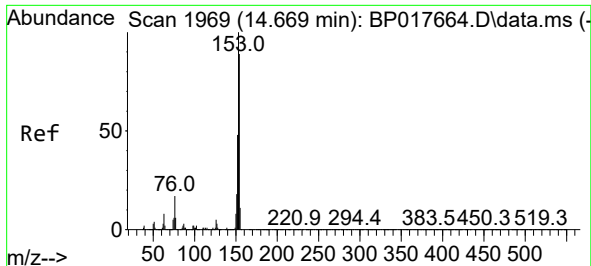
Delta R.T. 0.024 min

Lab File: BP017666.D

Acq: 13 Oct 2023 14:33

Tgt Ion:	138	Resp:	9404
Ion Ratio	Lower	Upper	
138	100		
108	14.2	8.2	12.2
92	116.1	99.0	148.6





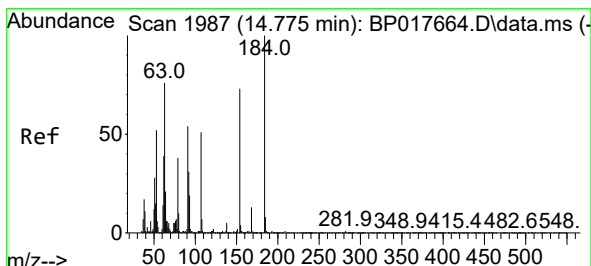
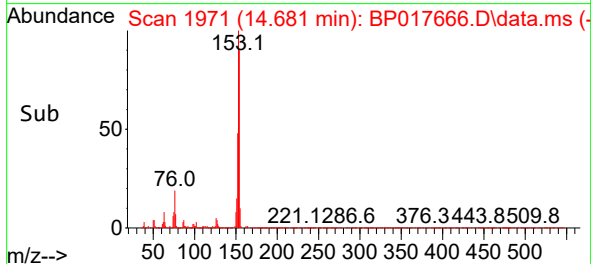
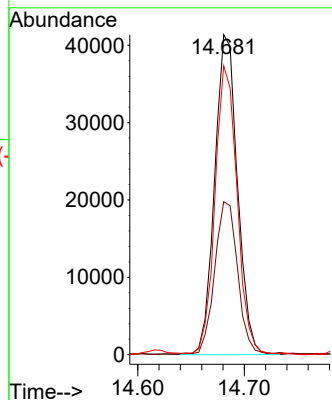
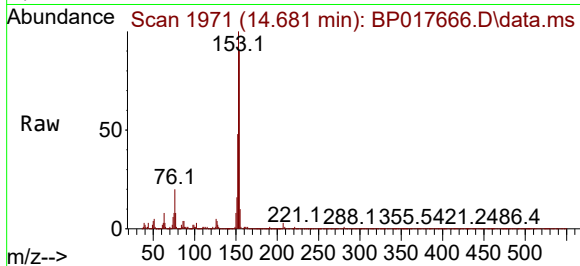
#52
Acenaphthene
Concen: 4.255 ng/ul
RT: 14.681 min Scan# 1971
Delta R.T. 0.012 min
Lab File: BP017666.D
Acq: 13 Oct 2023 14:33

Instrument : BNA_P
ClientSampleId : MDL-WATER-QT2-2023-03

Tgt Ion:153 Resp: 6137
Ion Ratio Lower Upper
153 100
152 47.8 38.9 58.3
154 90.3 71.6 107.4

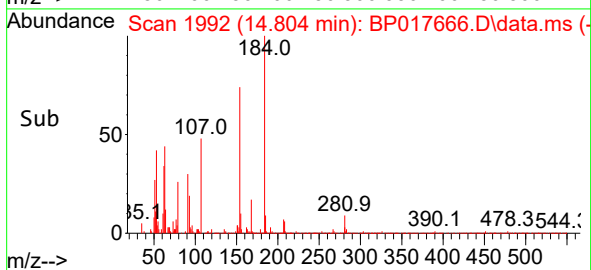
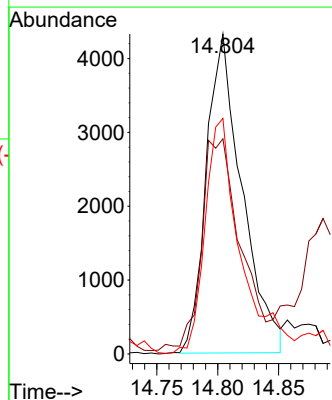
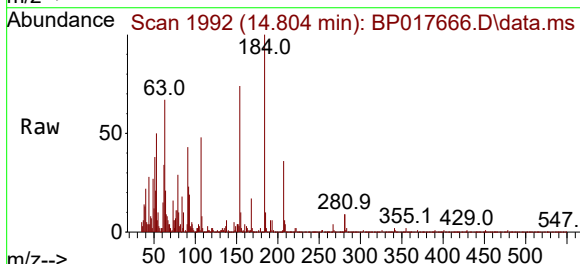
Manual Integrations
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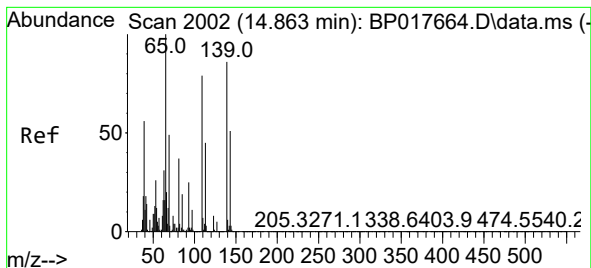
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#53
2,4-Dinitrophenol
Concen: 4.390 ng/ul
RT: 14.804 min Scan# 1992
Delta R.T. 0.029 min
Lab File: BP017666.D
Acq: 13 Oct 2023 14:33

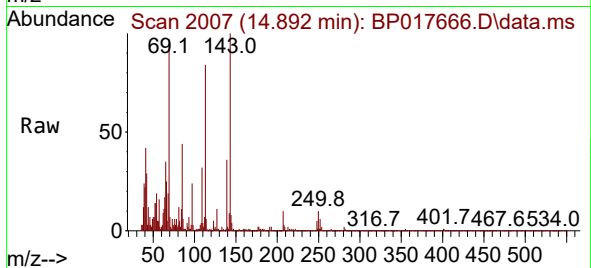
Tgt Ion:184 Resp: 8819
Ion Ratio Lower Upper
184 100
63 67.2 61.4 92.0
154 73.6 54.8 82.2





#55
4-Nitrophenol
Concen: 3.128 ng/ul
RT: 14.892 min Scan# 2007
Delta R.T. 0.029 min
Lab File: BP017666.D
Acq: 13 Oct 2023 14:33

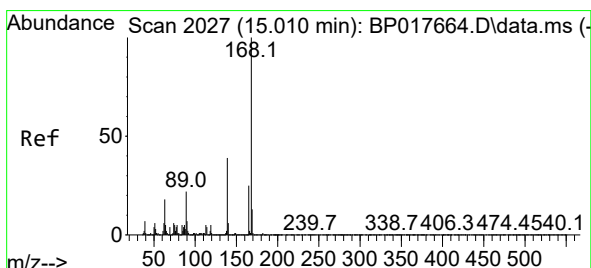
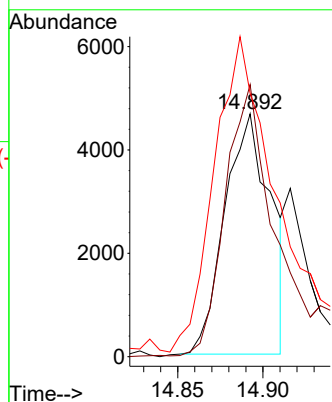
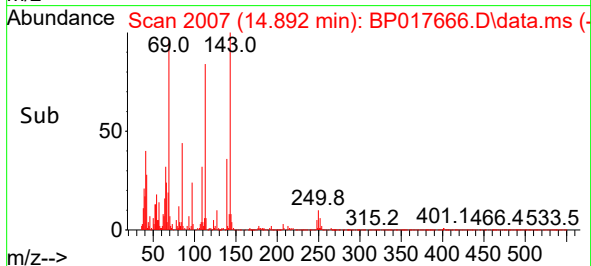
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-QT2-2023-03



Tgt Ion:109 Resp: 872
Ion Ratio Lower Upper
109 100
139 112.0 90.5 135.7
65 108.4 95.7 143.5

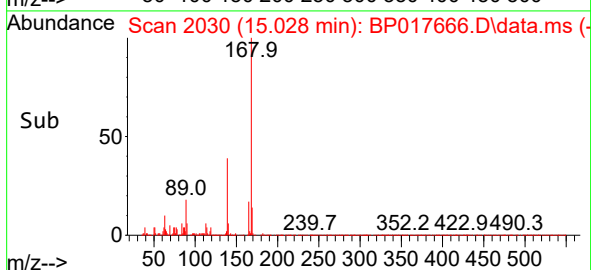
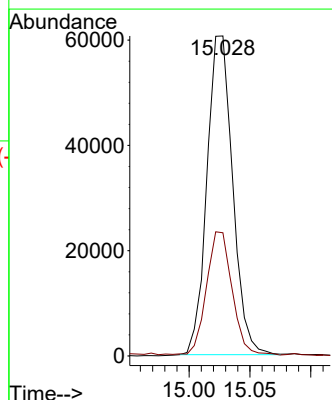
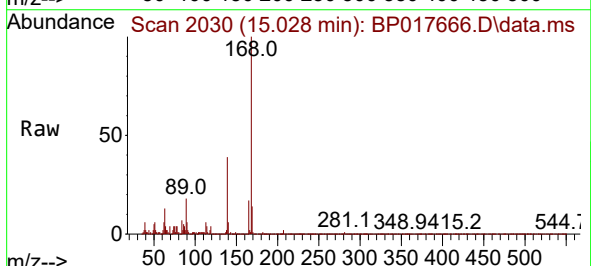
Manual Integrations
APPROVED

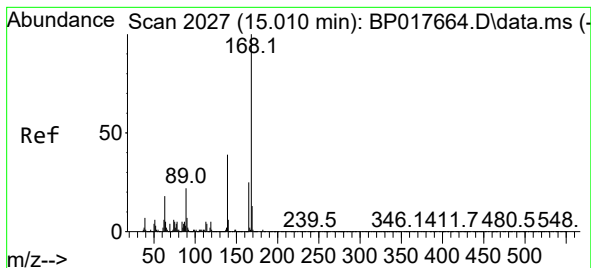
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#56
Dibenzofuran
Concen: 4.320 ng/ul
RT: 15.028 min Scan# 2030
Delta R.T. 0.018 min
Lab File: BP017666.D
Acq: 13 Oct 2023 14:33

Tgt Ion:168 Resp: 89380
Ion Ratio Lower Upper
168 100
139 38.5 30.5 45.7





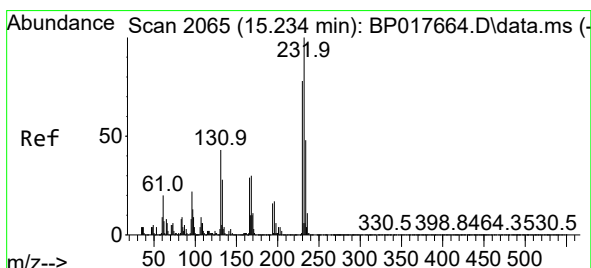
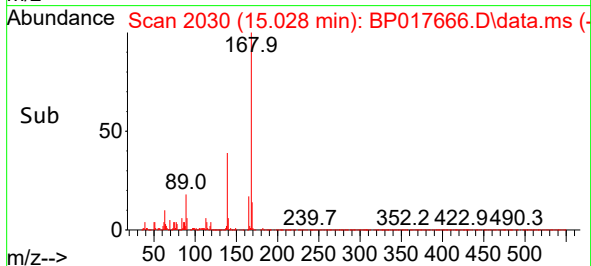
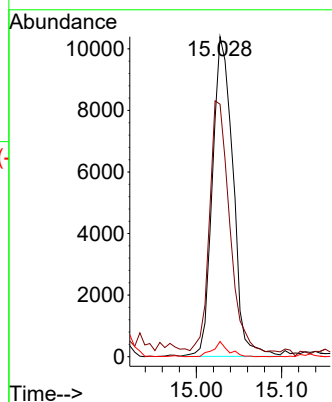
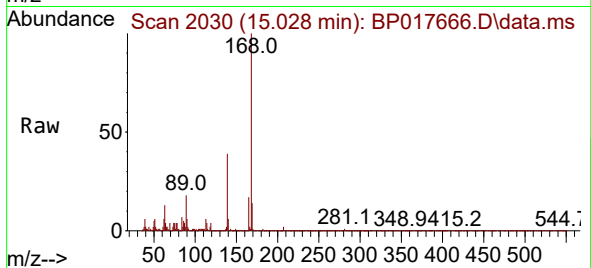
#57
2,4-Dinitrotoluene
Concen: 3.469 ng/ul
RT: 15.028 min Scan# 2027
Delta R.T. 0.018 min
Lab File: BP017666.D
Acq: 13 Oct 2023 14:33

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-QT2-2023-03

Tgt Ion:165 Resp: 17420
Ion Ratio Lower Upper
165 100
63 78.9 52.7 79.1
182 4.8 2.2 3.4

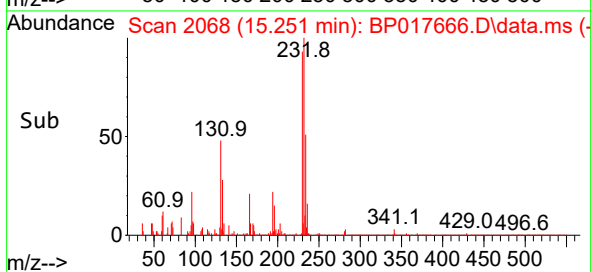
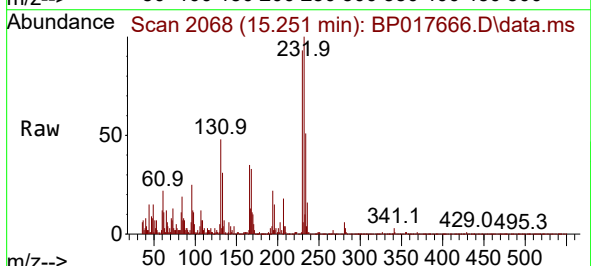
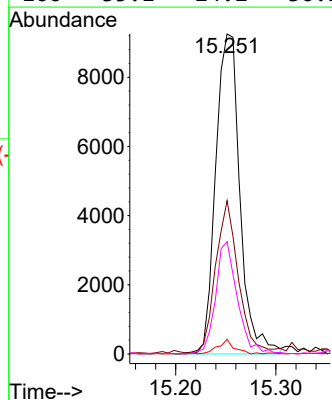
Manual Integrations
APPROVED

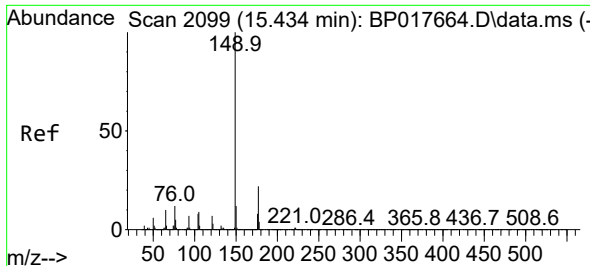
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#58
2,3,4,6-Tetrachlorophenol
Concen: 3.453 ng/ul
RT: 15.251 min Scan# 2068
Delta R.T. 0.018 min
Lab File: BP017666.D
Acq: 13 Oct 2023 14:33

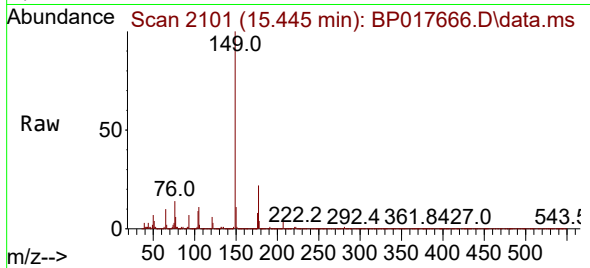
Tgt Ion:232 Resp: 15568
Ion Ratio Lower Upper
232 100
131 47.9 33.6 50.4
130 4.6 2.0 3.0#
166 35.1 24.2 36.2





#59
Diethylphthalate
Concen: 3.875 ng/ul
RT: 15.445 min Scan# 2101
Delta R.T. 0.012 min
Lab File: BP017666.D
Acq: 13 Oct 2023 14:33

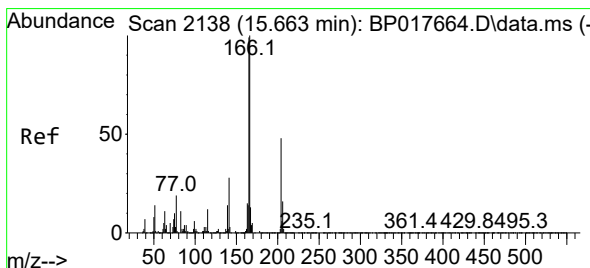
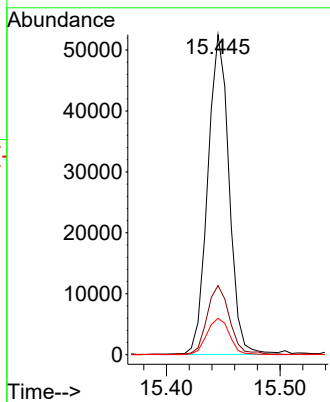
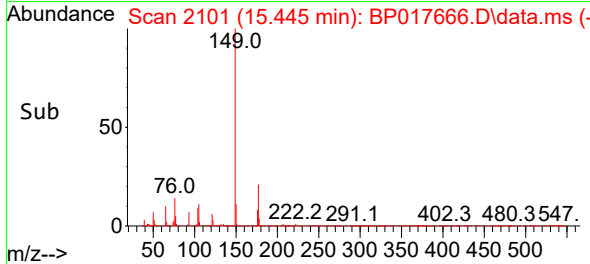
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-QT2-2023-03



Tgt Ion:149 Resp: 6831
Ion Ratio Lower Upper
149 100
177 21.6 17.9 26.9
150 11.3 10.1 15.1

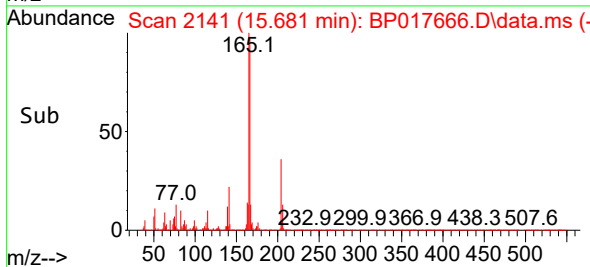
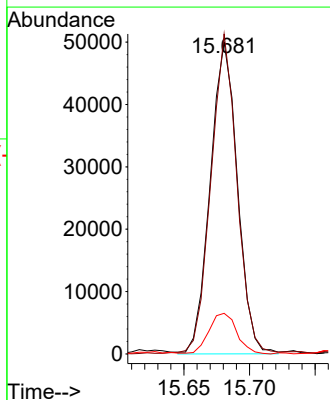
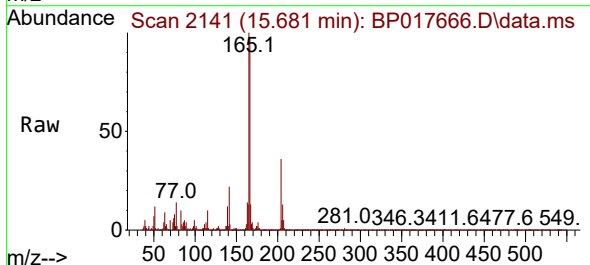
Manual Integrations
APPROVED

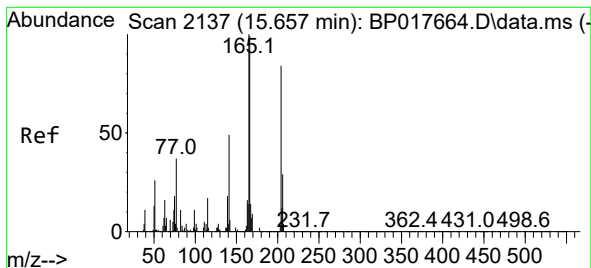
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#61
Fluorene
Concen: 4.229 ng/ul
RT: 15.681 min Scan# 2141
Delta R.T. 0.012 min
Lab File: BP017666.D
Acq: 13 Oct 2023 14:33

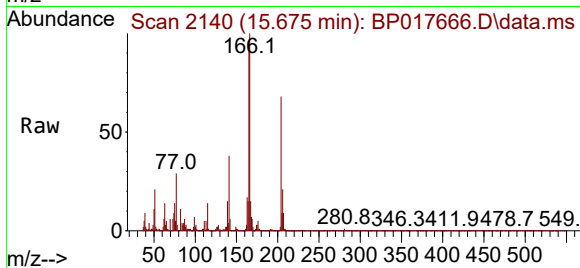
Tgt Ion:166 Resp: 72132
Ion Ratio Lower Upper
166 100
165 102.7 79.6 119.4
167 13.1 11.1 16.7





#62
4-Chlorophenyl-phenylether
Concen: 4.198 ng/ul
RT: 15.675 min Scan# 2137
Delta R.T. 0.012 min
Lab File: BP017666.D
Acq: 13 Oct 2023 14:33

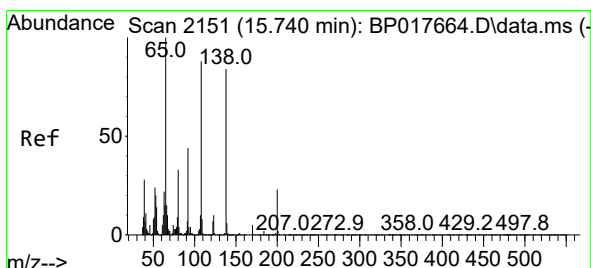
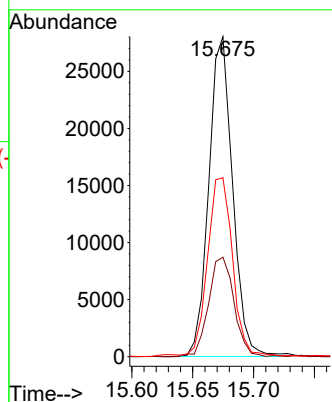
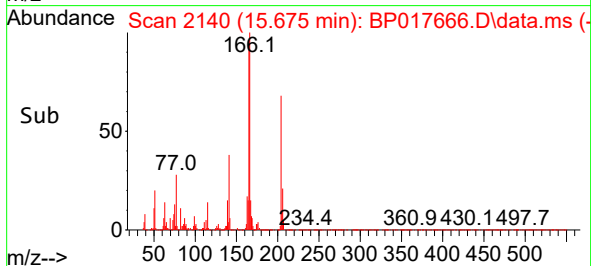
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-QT2-2023-03



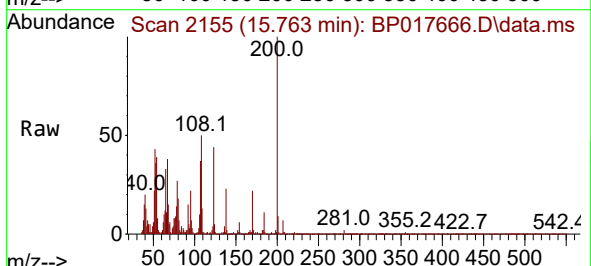
Tgt Ion:204 Resp: 3808
Ion Ratio Lower Upper
204 100
206 31.1 26.6 40.0
141 55.9 43.9 65.9

Manual Integrations
APPROVED

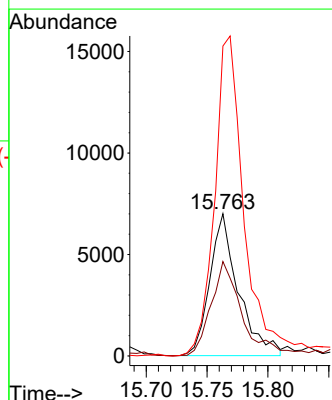
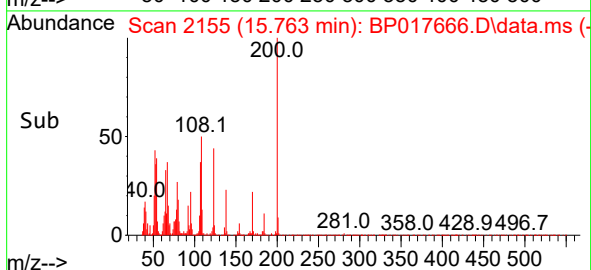
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023

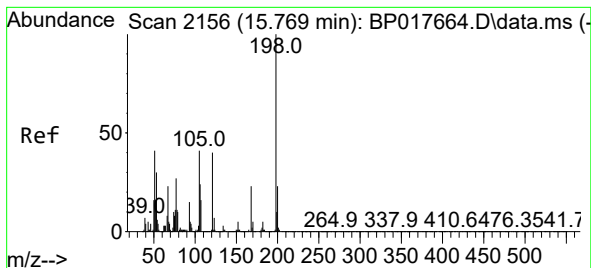


#63
4-Nitroaniline
Concen: 3.506 ng/ul
RT: 15.763 min Scan# 2155
Delta R.T. 0.024 min
Lab File: BP017666.D
Acq: 13 Oct 2023 14:33



Tgt Ion:138 Resp: 11430
Ion Ratio Lower Upper
138 100
92 66.3 43.0 64.6#
108 217.8 82.2 123.4#





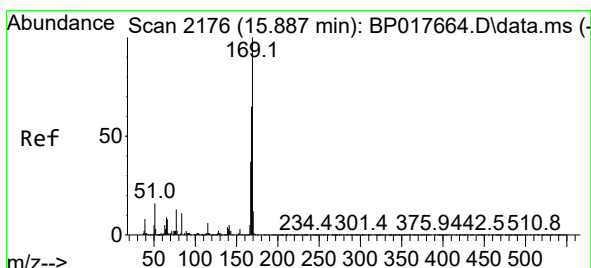
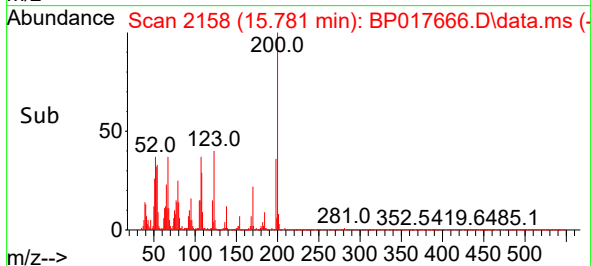
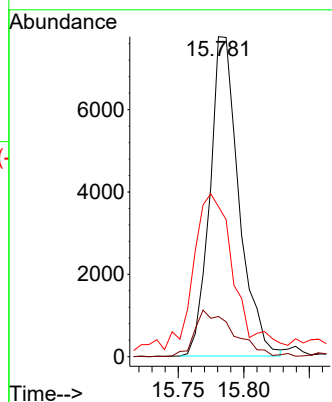
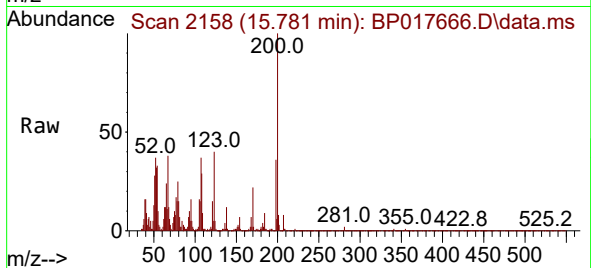
#66
4,6-Dinitro-2-methylphenol
Concen: 3.366 ng/ul
RT: 15.781 min Scan# 2158
Delta R.T. 0.012 min
Lab File: BP017666.D
Acq: 13 Oct 2023 14:33

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-QT2-2023-03

Tgt Ion:198 Resp: 1198
Ion Ratio Lower Upper
198 100
182 12.5 3.4 5.0
77 46.9 23.0 34.6

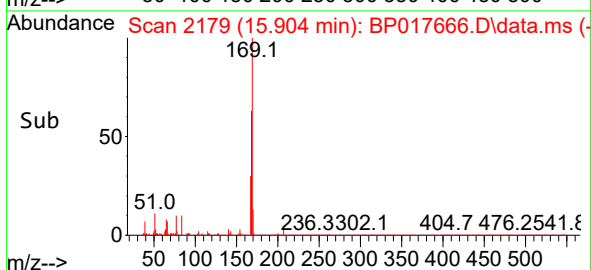
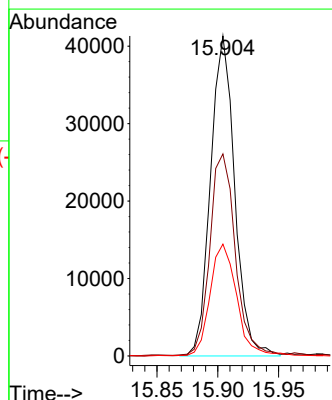
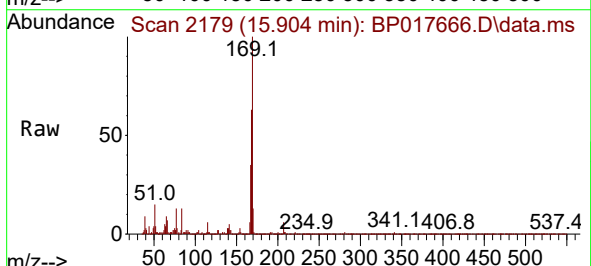
Manual Integrations
APPROVED

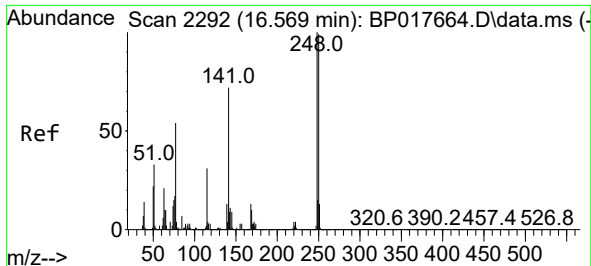
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#67
N-Nitrosodiphenylamine
Concen: 3.964 ng/ul
RT: 15.904 min Scan# 2179
Delta R.T. 0.012 min
Lab File: BP017666.D
Acq: 13 Oct 2023 14:33

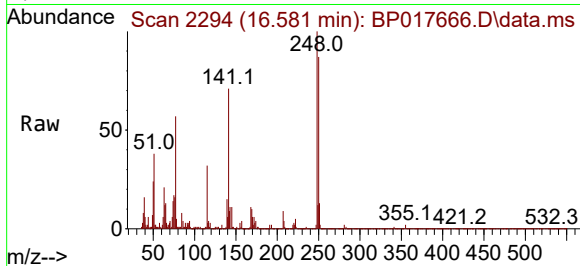
Tgt Ion:169 Resp: 56969
Ion Ratio Lower Upper
169 100
168 63.2 53.3 79.9
167 35.0 29.6 44.4





#68
4-Bromophenyl-phenylether
Concen: 4.019 ng/ul
RT: 16.581 min Scan# 2292
Delta R.T. 0.012 min
Lab File: BP017666.D
Acq: 13 Oct 2023 14:33

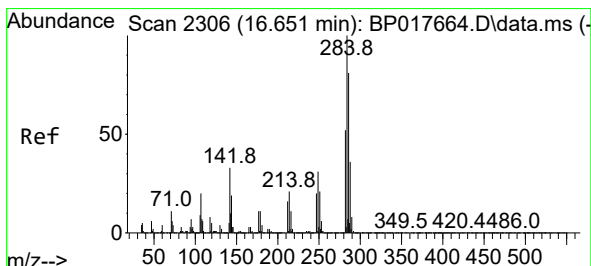
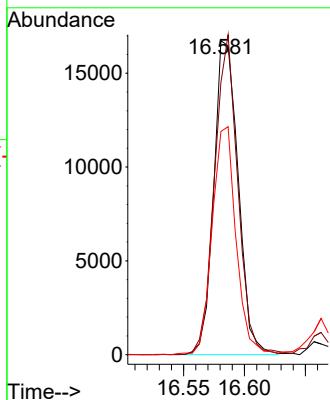
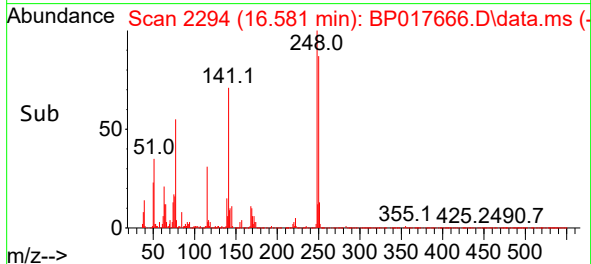
Instrument : BNA_P
ClientSampleId : MDL-WATER-QT2-2023-03



Tgt Ion:248 Resp: 23310
Ion Ratio Lower Upper
248 100
250 86.7 75.9 113.9
141 71.1 57.2 85.8

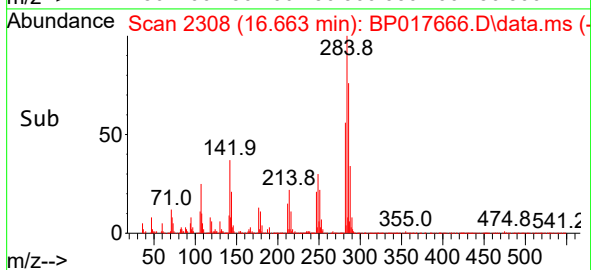
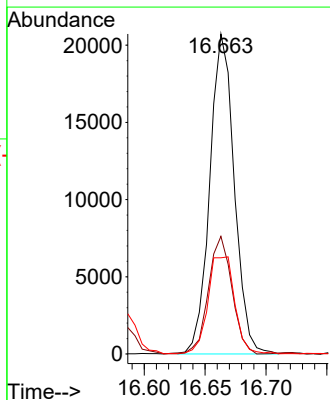
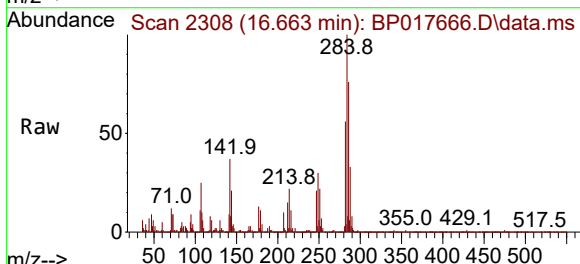
Manual Integrations
APPROVED

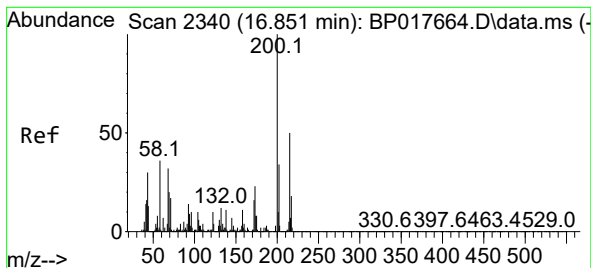
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#69
Hexachlorobenzene
Concen: 4.201 ng/ul
RT: 16.663 min Scan# 2308
Delta R.T. 0.012 min
Lab File: BP017666.D
Acq: 13 Oct 2023 14:33

Tgt Ion:284 Resp: 29000
Ion Ratio Lower Upper
284 100
142 36.8 25.8 38.6
249 30.1 24.9 37.3





#70

Atrazine

Concen: 3.700 ng/ul

RT: 16.869 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP017666.D

Acq: 13 Oct 2023 14:33

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-QT2-2023-03

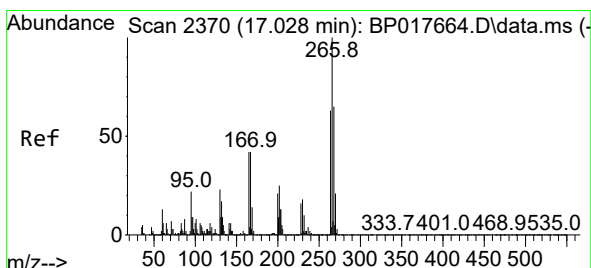
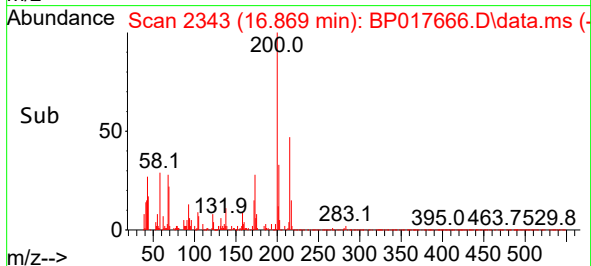
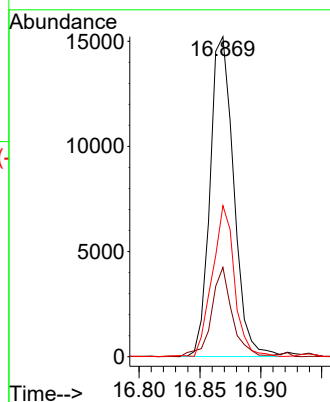
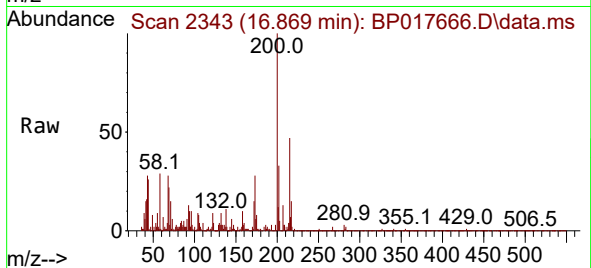
Tgt Ion:	200	Resp:	2058
Ion Ratio	Lower	Upper	
200	100		
173	27.9	19.9	29.9
215	47.2	37.8	56.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2023

Supervised By :mohammad ahmed 10/17/2023



#71

Pentachlorophenol

Concen: 4.212 ng/ul

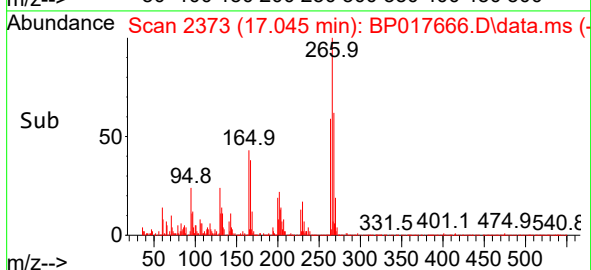
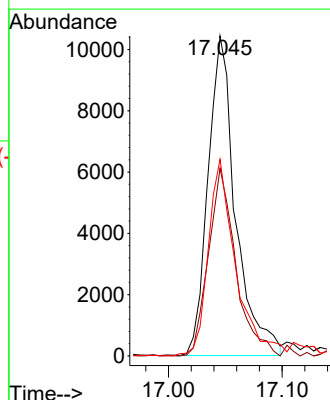
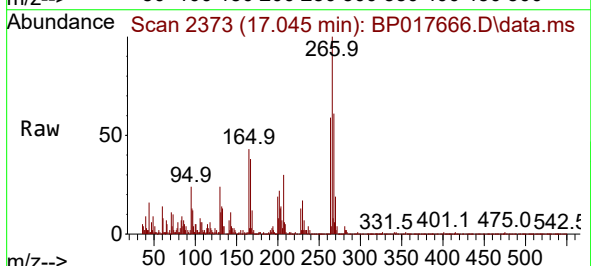
RT: 17.045 min Scan# 2373

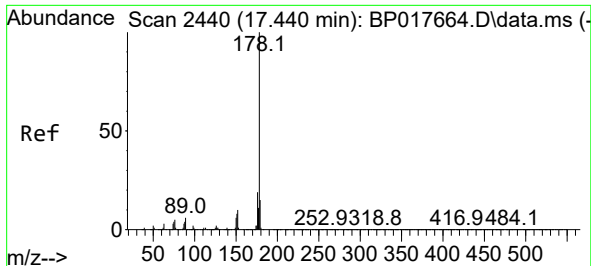
Delta R.T. 0.018 min

Lab File: BP017666.D

Acq: 13 Oct 2023 14:33

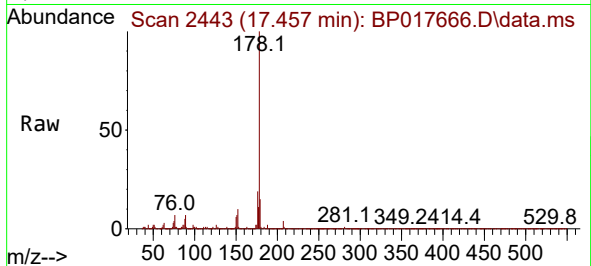
Tgt Ion:	266	Resp:	17609
Ion Ratio	Lower	Upper	
266	100		
264	58.6	49.2	73.8
268	67.0	51.8	77.6





#72
Phenanthrene
Concen: 4.310 ng/ul
RT: 17.457 min Scan# 2440
Delta R.T. 0.018 min
Lab File: BP017666.D
Acq: 13 Oct 2023 14:33

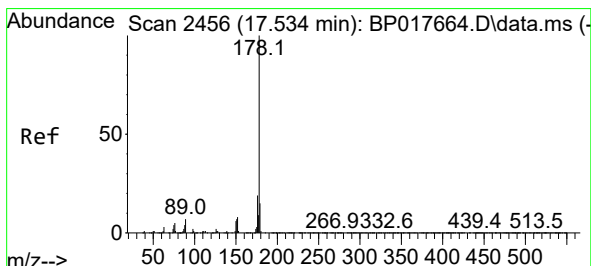
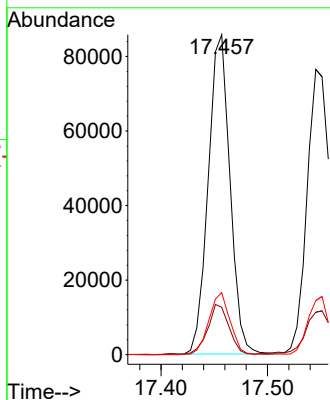
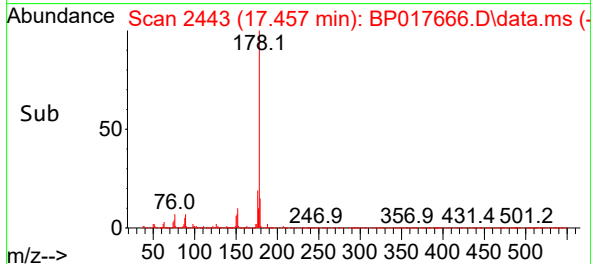
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-QT2-2023-03



Tgt Ion:178 Resp: 12195
Ion Ratio Lower Upper
178 100
179 14.8 12.1 18.1
176 19.4 15.3 22.9

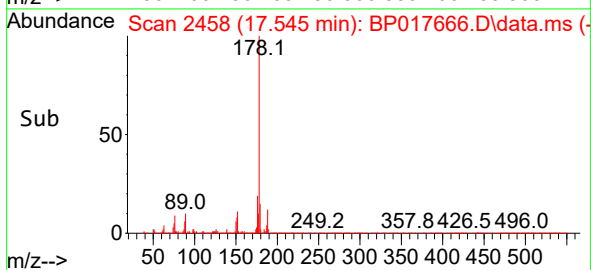
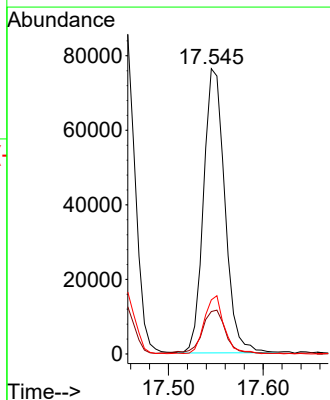
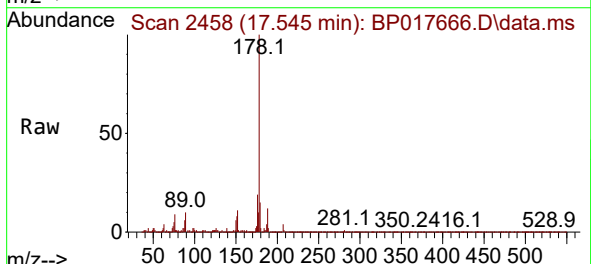
Manual Integrations
APPROVED

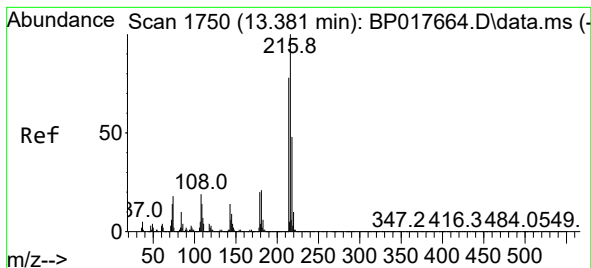
Reviewed By :Yogesh Patel 10/16/2023
Supervised By :mohammad ahmed 10/17/2023



#74
Anthracene
Concen: 4.164 ng/ul
RT: 17.545 min Scan# 2458
Delta R.T. 0.012 min
Lab File: BP017666.D
Acq: 13 Oct 2023 14:33

Tgt Ion:178 Resp: 119203
Ion Ratio Lower Upper
178 100
179 14.9 12.3 18.5
176 19.0 14.6 22.0





#75

1,2,3,4-Tetrachlorobenzene

Concen: 4.127 ng/uL

RT: 13.398 min Scan# 11

Delta R.T. 0.018 min

Lab File: BP017666.D

Acq: 13 Oct 2023 14:33

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-QT2-2023-03

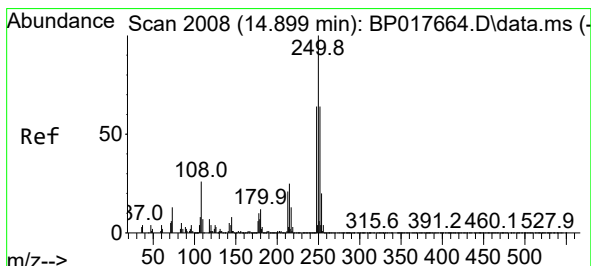
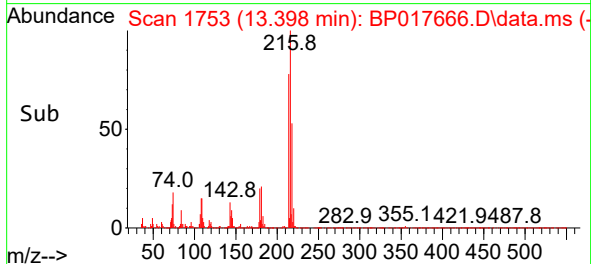
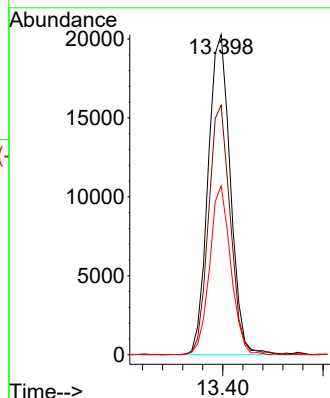
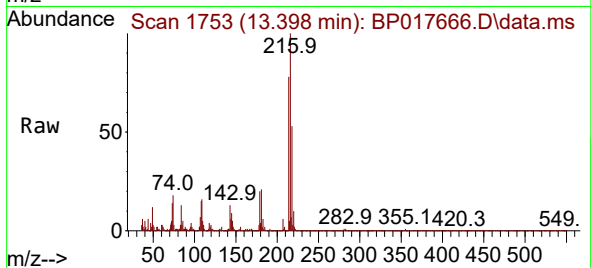
Tgt Ion:	216	Resp:	3132
Ion Ratio	Lower	Upper	
216	100		
214	77.9	62.9	94.3
218	52.8	38.6	58.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2023

Supervised By :mohammad ahmed 10/17/2023



#76

Pentachlorobenzene

Concen: 4.579 ng/uL

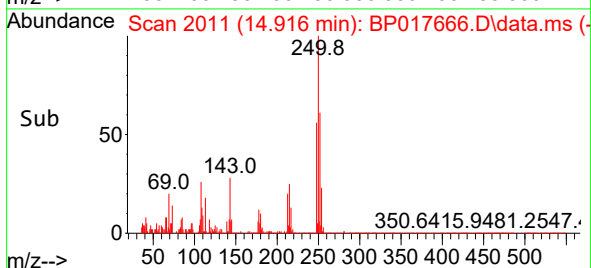
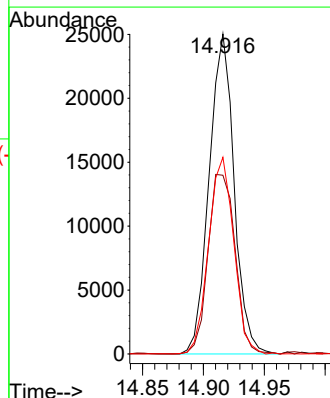
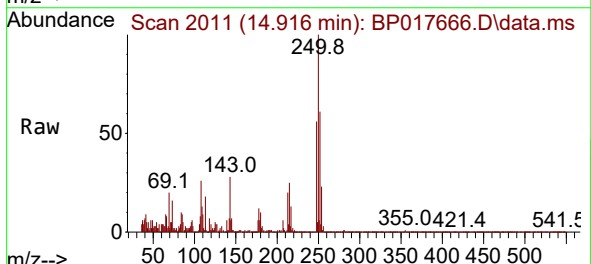
RT: 14.916 min Scan# 2011

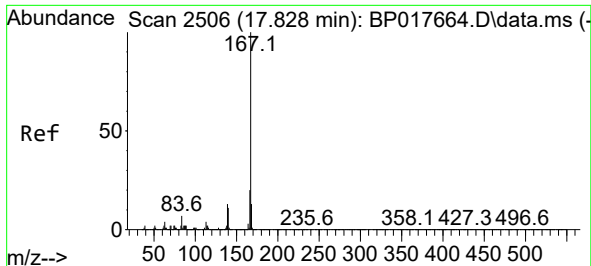
Delta R.T. 0.018 min

Lab File: BP017666.D

Acq: 13 Oct 2023 14:33

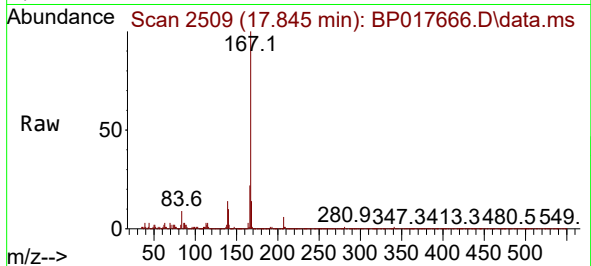
Tgt Ion:	250	Resp:	35664
Ion Ratio	Lower	Upper	
250	100		
248	55.9	50.8	76.2
252	61.5	49.9	74.9





#77
 Carbazole
 Concen: 3.676 ng/ul
 RT: 17.845 min Scan# 2506
 Delta R.T. 0.018 min
 Lab File: BP017666.D
 Acq: 13 Oct 2023 14:33

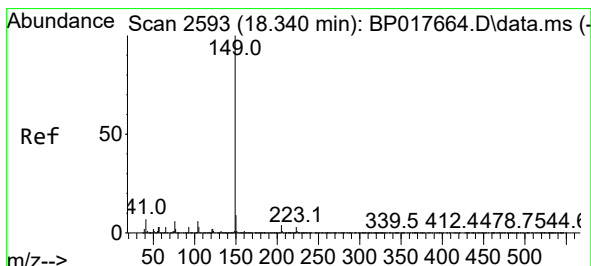
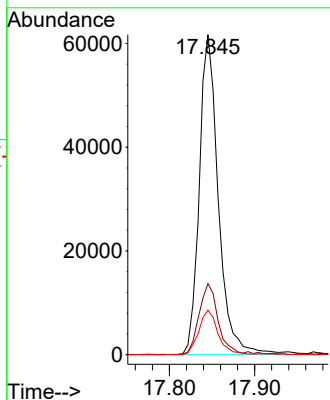
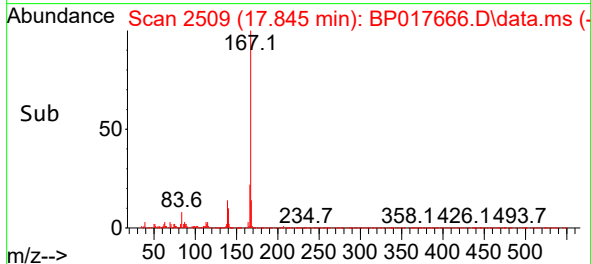
Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-QT2-2023-03



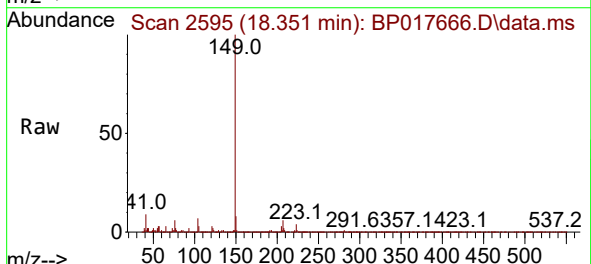
Tgt Ion:167 Resp: 95304
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.0 25.6
 139 13.9 10.2 15.2

Manual Integrations
 APPROVED

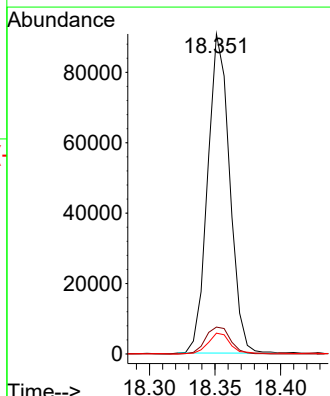
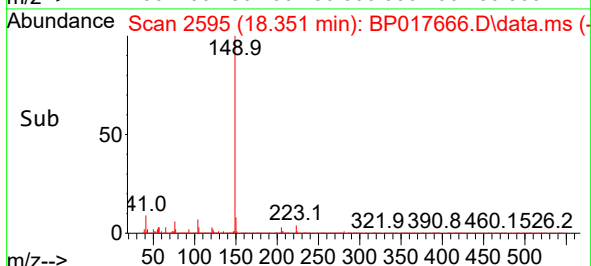
Reviewed By :Yogesh Patel 10/16/2023
 Supervised By :mohammad ahmed 10/17/2023

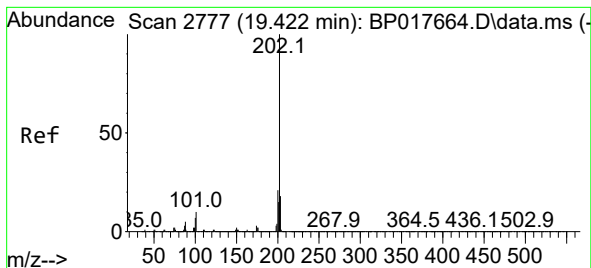


#78
 Di-n-butylphthalate
 Concen: 3.320 ng/ul
 RT: 18.351 min Scan# 2595
 Delta R.T. 0.012 min
 Lab File: BP017666.D
 Acq: 13 Oct 2023 14:33



Tgt Ion:149 Resp: 105980
 Ion Ratio Lower Upper
 149 100
 150 8.4 7.4 11.0
 104 6.5 4.6 6.8





#80

Fluoranthene

Concen: 3.905 ng/ul

RT: 19.439 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP017666.D

Acq: 13 Oct 2023 14:33

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-QT2-2023-03

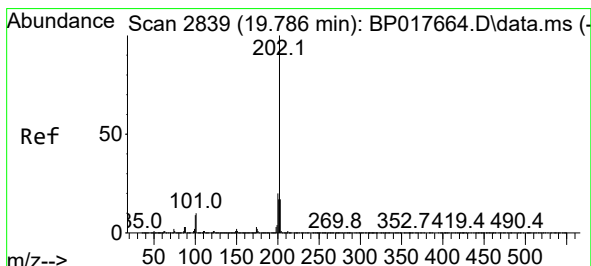
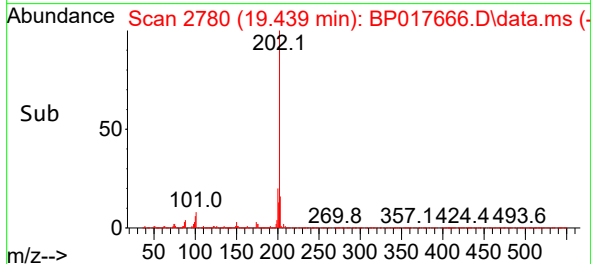
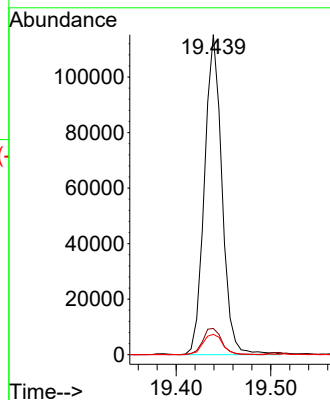
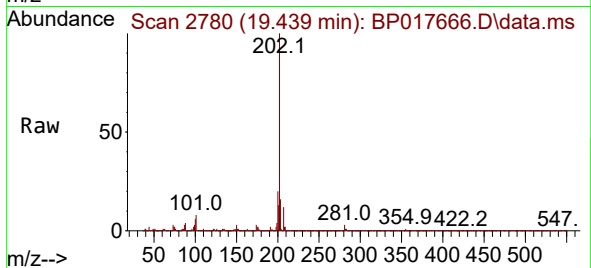
Tgt Ion:202 Resp: 147980
 Ion Ratio Lower Upper
 202 100
 101 8.2 7.0 10.6
 100 6.4 5.8 8.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2023

Supervised By :mohammad ahmed 10/17/2023



#82

Pyrene

Concen: 4.106 ng/ul

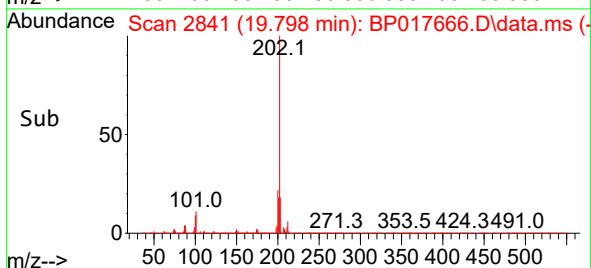
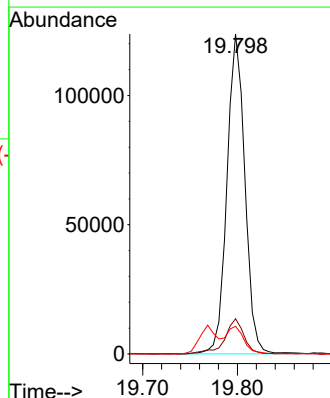
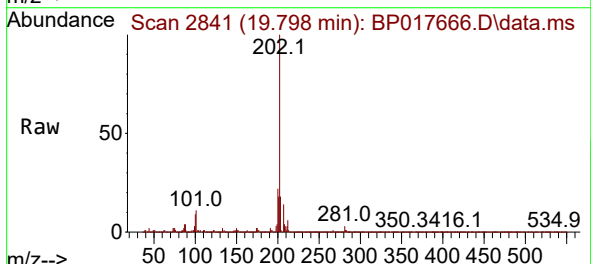
RT: 19.798 min Scan# 2841

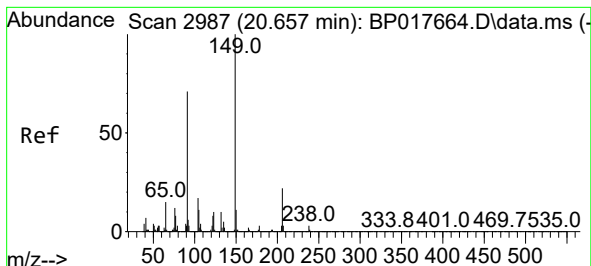
Delta R.T. 0.012 min

Lab File: BP017666.D

Acq: 13 Oct 2023 14:33

Tgt Ion:202 Resp: 162551
 Ion Ratio Lower Upper
 202 100
 101 11.0 8.8 13.2
 100 8.7 7.4 11.0





#83

Butylbenzylphthalate

Concen: 2.910 ng/ul

RT: 20.669 min Scan# 2987

Delta R.T. 0.012 min

Lab File: BP017666.D

Acq: 13 Oct 2023 14:33

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-QT2-2023-03

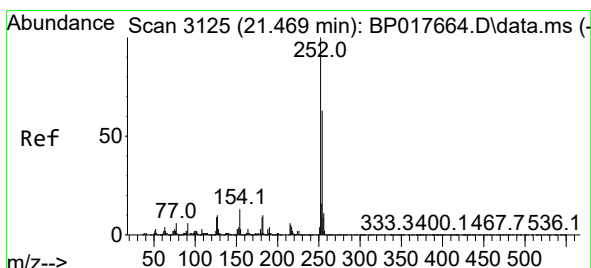
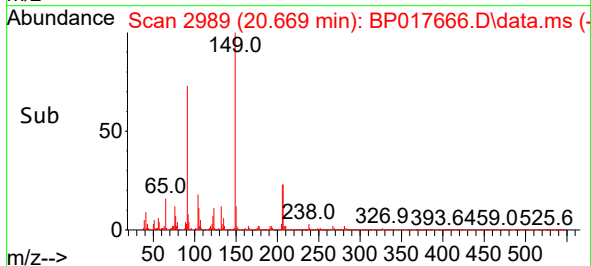
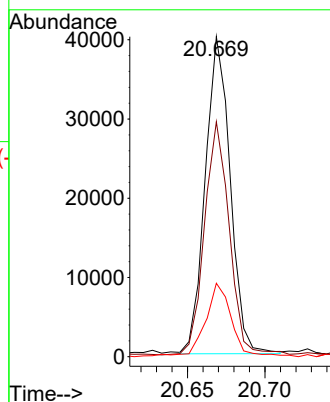
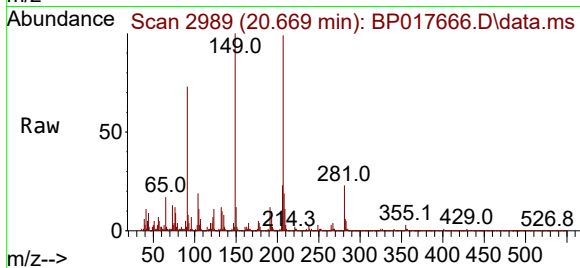
Tgt Ion:	149	Resp:	44820
Ion Ratio	Lower	Upper	
149	100		
91	73.4	59.6	89.4
206	23.0	17.2	25.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2023

Supervised By :mohammad ahmed 10/17/2023



#84

3,3'-Dichlorobenzidine

Concen: 3.080 ng/ul

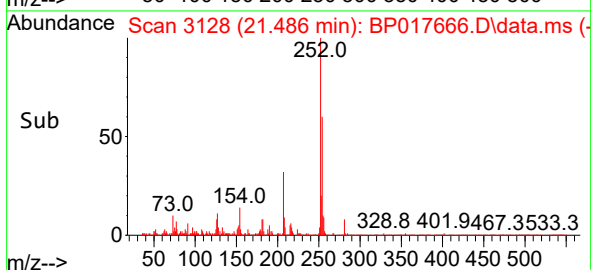
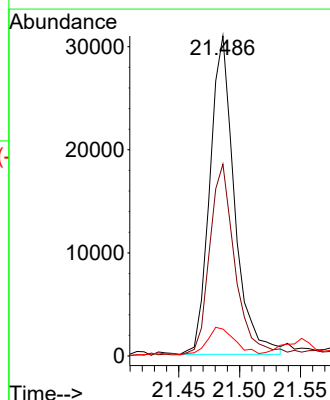
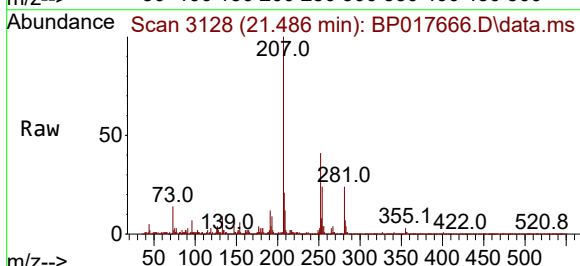
RT: 21.486 min Scan# 3128

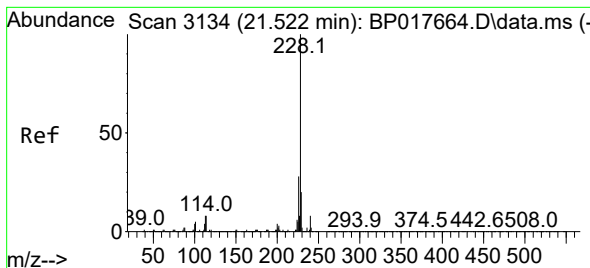
Delta R.T. 0.018 min

Lab File: BP017666.D

Acq: 13 Oct 2023 14:33

Tgt Ion:	252	Resp:	43468
Ion Ratio	Lower	Upper	
252	100		
254	59.9	51.8	77.6
126	8.4	8.1	12.1





#85

Benzo(a)anthracene

Concen: 4.025 ng/ul

RT: 21.539 min Scan# 3137

Delta R.T. 0.012 min

Lab File: BP017666.D

Acq: 13 Oct 2023 14:33

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-QT2-2023-03

Tgt Ion:228 Resp: 170039

Ion Ratio Lower Upper

228 100

229 18.6 15.4 23.2

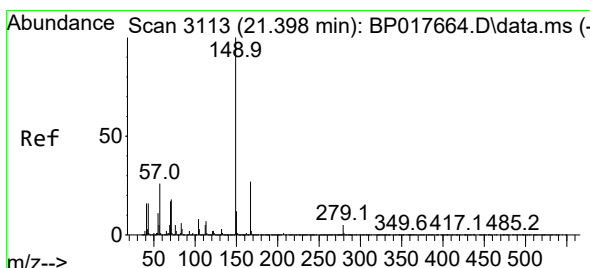
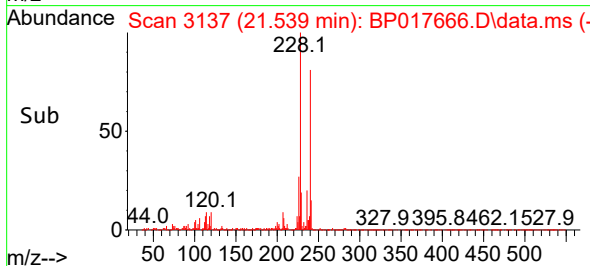
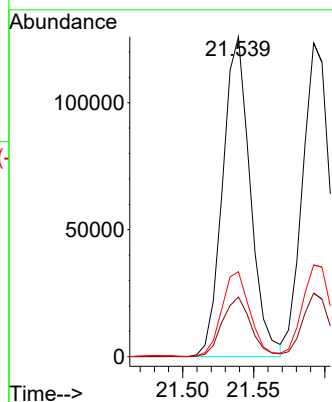
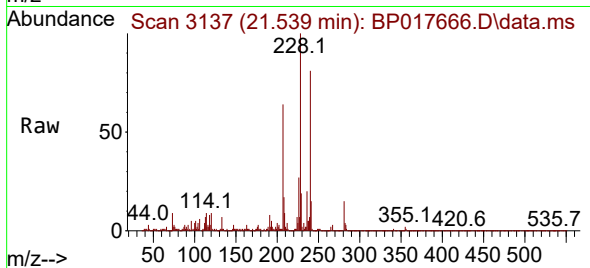
226 26.6 21.4 32.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2023

Supervised By :mohammad ahmed 10/17/2023



#86

Bis(2-ethylhexyl)phthalate

Concen: 2.544 ng/ul

RT: 21.416 min Scan# 3116

Delta R.T. 0.012 min

Lab File: BP017666.D

Acq: 13 Oct 2023 14:33

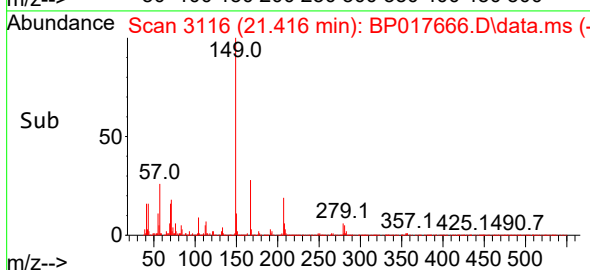
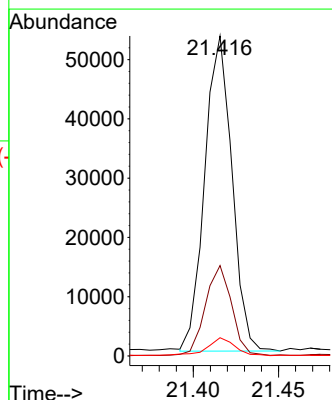
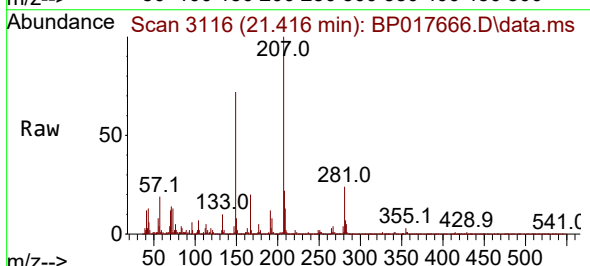
Tgt Ion:149 Resp: 59252

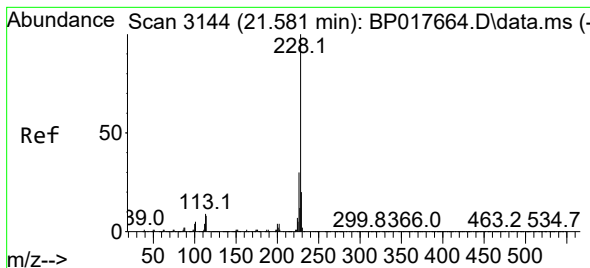
Ion Ratio Lower Upper

149 100

167 28.2 21.7 32.5

279 5.7 3.7 5.5#





#87

Chrysene

Concen: 4.319 ng/ul

RT: 21.592 min Scan# 3144

Delta R.T. 0.012 min

Lab File: BP017666.D

Acq: 13 Oct 2023 14:33

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-QT2-2023-03

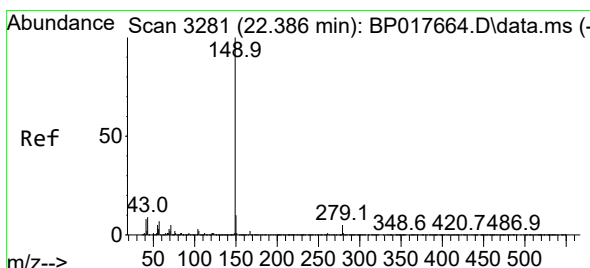
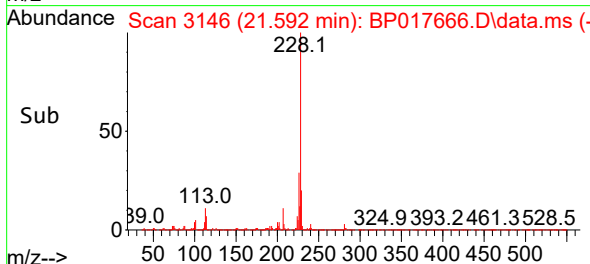
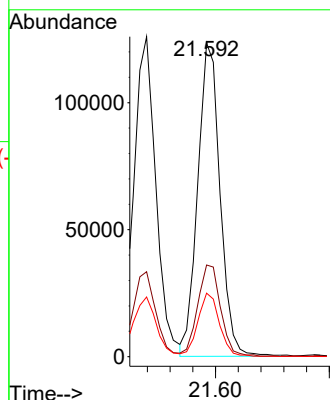
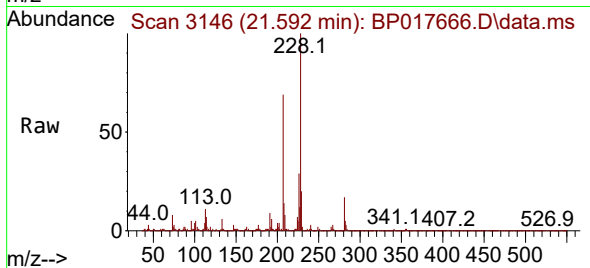
Tgt Ion:228 Resp: 168400
 Ion Ratio Lower Upper
 228 100
 226 29.2 24.2 36.4
 229 20.3 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2023

Supervised By :mohammad ahmed 10/17/2023



#89

Di-n-octyl phthalate

Concen: 2.322 ng/ul

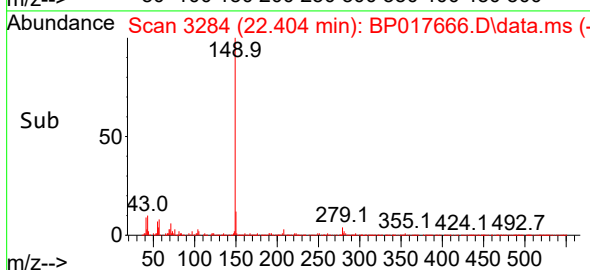
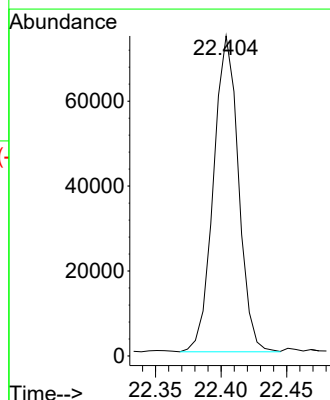
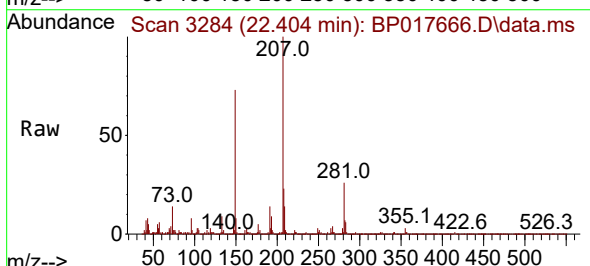
RT: 22.404 min Scan# 3284

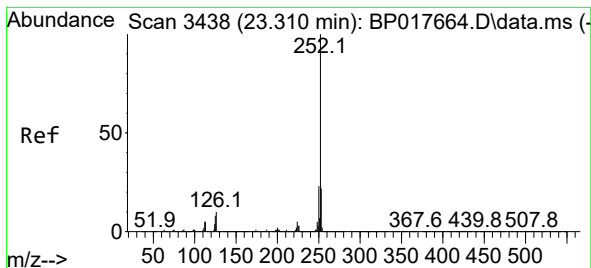
Delta R.T. 0.018 min

Lab File: BP017666.D

Acq: 13 Oct 2023 14:33

Tgt Ion:149 Resp: 98672





#90

Benzo(b)fluoranthene

Concen: 3.932 ng/ul

RT: 23.333 min Scan# 3438

Delta R.T. 0.024 min

Lab File: BP017666.D

Acq: 13 Oct 2023 14:33

Instrument :

BNA_P

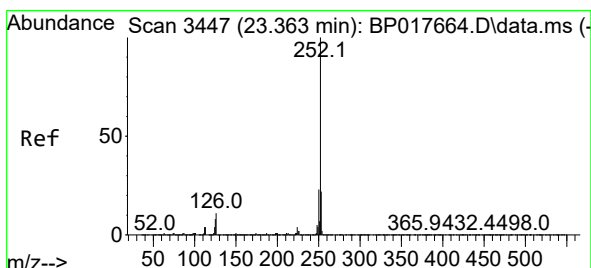
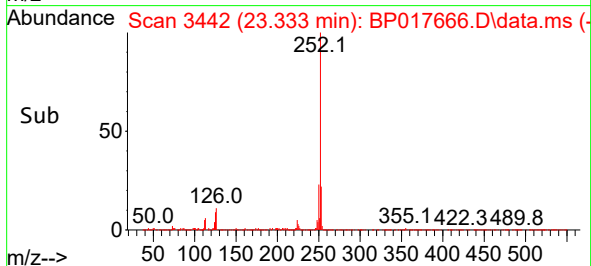
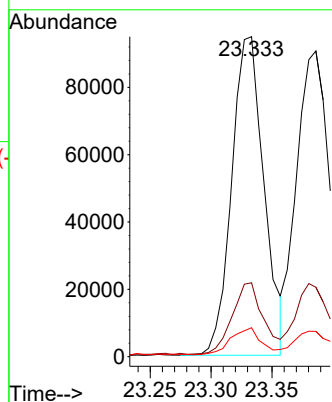
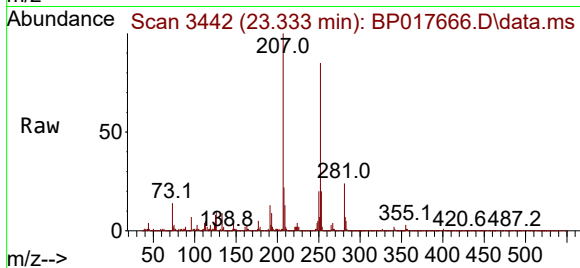
ClientSampleId :

MDL-WATER-QT2-2023-03

Tgt Ion:252 Resp: 17425
 Ion Ratio Lower Upper
 252 100
 253 23.1 17.3 25.9
 125 9.0 6.9 10.3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/16/2023
 Supervised By :mohammad ahmed 10/17/2023



#91

Benzo(k)fluoranthene

Concen: 4.034 ng/ul

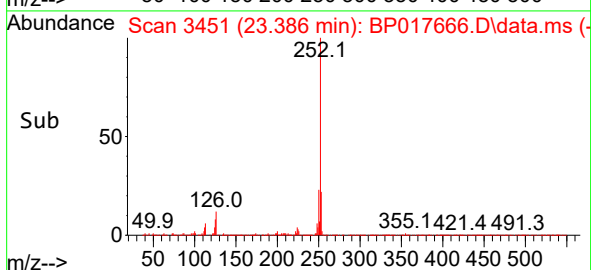
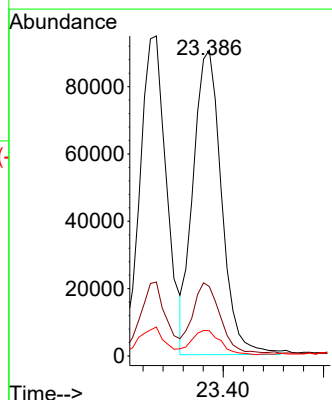
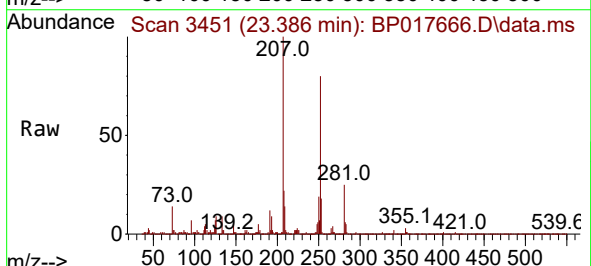
RT: 23.386 min Scan# 3451

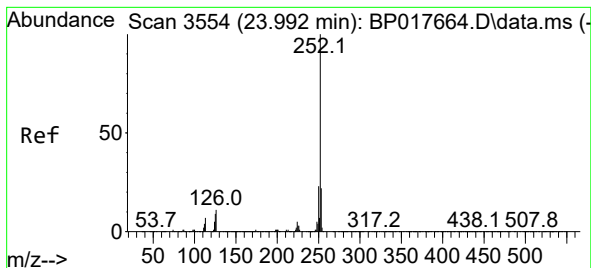
Delta R.T. 0.018 min

Lab File: BP017666.D

Acq: 13 Oct 2023 14:33

Tgt Ion:252 Resp: 177850
 Ion Ratio Lower Upper
 252 100
 253 22.7 17.4 26.0
 125 8.3 6.3 9.5





#93

Benzo(a)pyrene

Concen: 4.032 ng/ul

RT: 24.015 min Scan# 31

Delta R.T. 0.018 min

Lab File: BP017666.D

Acq: 13 Oct 2023 14:33

Instrument :

BNA_P

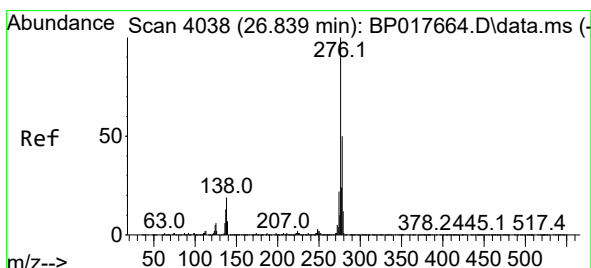
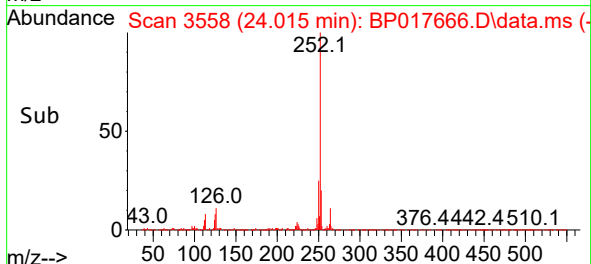
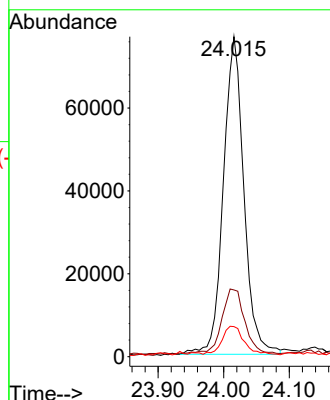
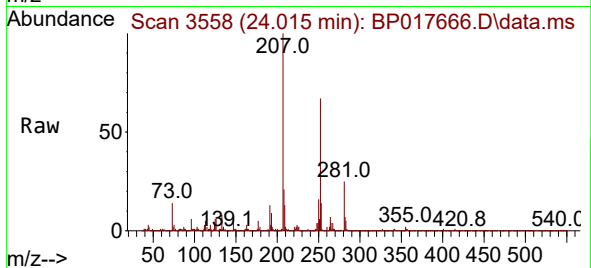
ClientSampleId :

MDL-WATER-QT2-2023-03

Tgt Ion:252 Resp: 166362
 Ion Ratio Lower Upper
 252 100
 253 20.8 17.4 26.0
 125 9.4 7.3 10.9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/16/2023
 Supervised By :mohammad ahmed 10/17/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.033 ng/ul

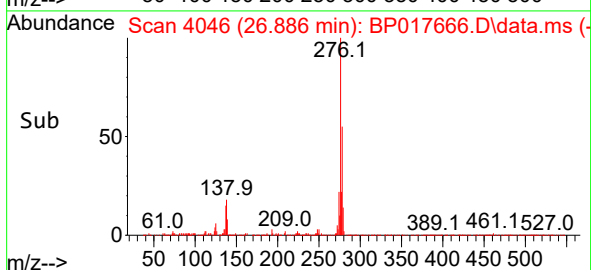
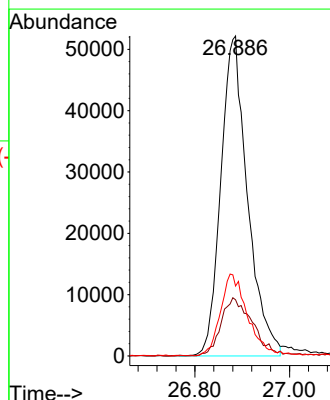
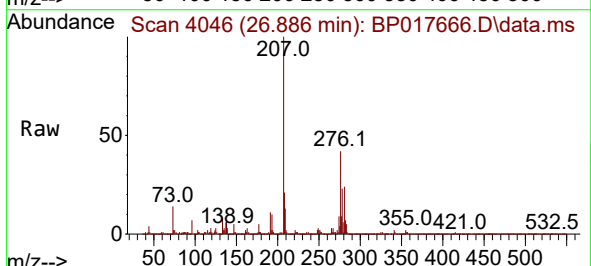
RT: 26.886 min Scan# 4046

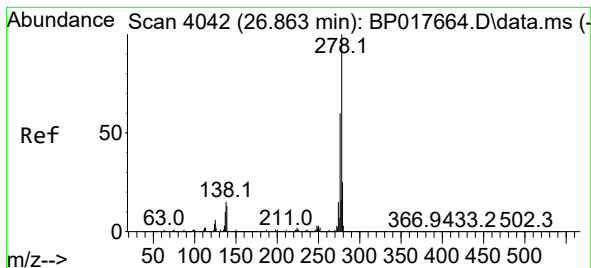
Delta R.T. 0.047 min

Lab File: BP017666.D

Acq: 13 Oct 2023 14:33

Tgt Ion:276 Resp: 204069
 Ion Ratio Lower Upper
 276 100
 138 17.6 14.6 21.8
 277 21.9 19.3 28.9





#95

Dibenzo(a,h)anthracene

Concen: 4.027 ng/ul

RT: 26.915 min Scan# 4042

Delta R.T. 0.047 min

Lab File: BP017666.D

Acq: 13 Oct 2023 14:33

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-QT2-2023-03

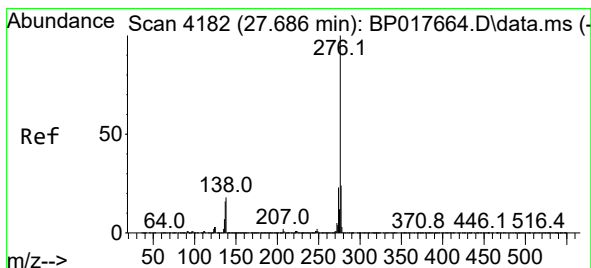
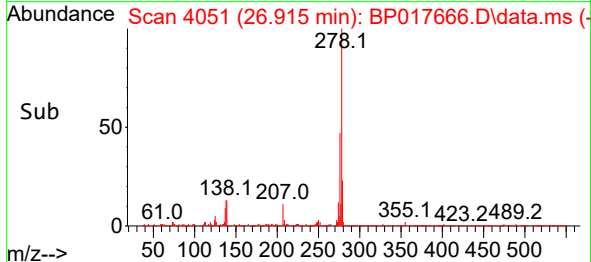
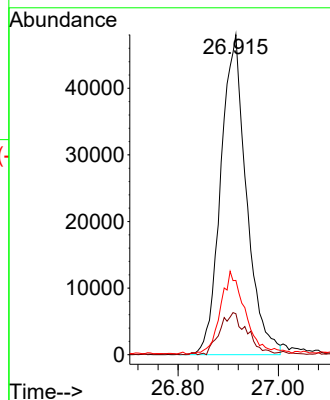
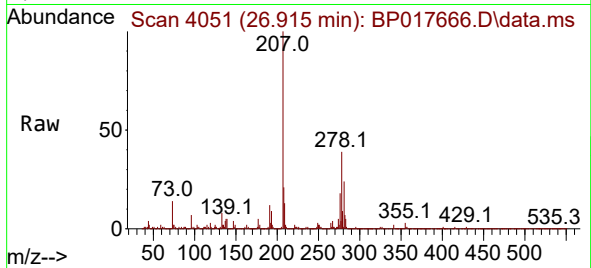
Tgt Ion:	278	Resp:	170799
Ion Ratio	Lower	Upper	
278	100		
139	12.8	10.8	16.2
279	23.2	19.8	29.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2023

Supervised By :mohammad ahmed 10/17/2023



#96

Benzo(g,h,i)perylene

Concen: 4.175 ng/ul

RT: 27.733 min Scan# 4190

Delta R.T. 0.035 min

Lab File: BP017666.D

Acq: 13 Oct 2023 14:33

Tgt Ion:	276	Resp:	167994
Ion Ratio	Lower	Upper	
276	100		
138	16.4	14.1	21.1
277	24.1	18.7	28.1

