

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101623\
 Data File : BP017679.D
 Acq On : 16 Oct 2023 13:23
 Operator : MA/JU
 Sample : 03573-01
 Misc : SFAM-MDL-WATER-01
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-QT3-2023-05

Quant Time: Oct 16 16:38:55 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 10/17/2023
 Supervised By :mohammad ahmed 10/18/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	72444	20.000	ng/u1	0.00
20) Naphthalene-d8	10.751	136	282938	20.000	ng/u1	0.01
38) Acenaphthene-d10	14.616	164	175627	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.410	188	406168	20.000	ng/u1	0.01
79) Chrysene-d12	21.551	240	445050	20.000	ng/u1	0.00
88) Perylene-d12	24.133	264	508841	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	13109	6.672	ng/uL	0.00
4) Pyridine-d5	3.705	84	154695	28.480	ng/u1	0.00
7) Phenol-d5	7.069	99	174317	25.846	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.258	67	112607	27.531	ng/u1	0.00
11) 2-Chlorophenol-d4	7.428	132	142013	27.202	ng/u1	0.00
15) 4-Methylphenol-d8	8.634	113	134897	25.041	ng/u1	0.00
21) Nitrobenzene-d5	9.122	128	65797	27.686	ng/u1	0.00
24) 2-Nitrophenol-d4	9.840	143	69217	25.899	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.369	165	130528	25.986	ng/u1	0.01
31) 4-Chloroaniline-d4	10.922	131	184892	25.680	ng/u1	0.01
46) Dimethylphthalate-d6	14.034	166	425694	27.986	ng/u1	0.01
49) Acenaphthylene-d8	14.310	160	455968	27.838	ng/u1	0.00
54) 4-Nitrophenol-d4	14.875	143	59834	23.521	ng/u1	0.02
60) Fluorene-d10	15.622	176	375168	28.996	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.769	200	53989	18.806	ng/u1	0.01
73) Anthracene-d10	17.510	188	602427	28.731	ng/u1	0.01
81) Pyrene-d10	19.769	212	755990	28.223	ng/u1	0.01
92) Benzo(a)pyrene-d12	23.957	264	847020	29.652	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.299	88	2757	1.323	ng/uL#	84
5) Pyridine	3.728	79	23480	4.209	ng/u1#	53
6) Benzaldehyde	7.081	77	20221	5.919	ng/u1	96
8) Phenol	7.099	94	28105	4.199	ng/u1#	84
10) Bis(2-Chloroethyl)ether	7.352	93	23545	4.384	ng/u1	99
12) 2-Chlorophenol	7.463	128	23373	4.481	ng/u1	95
13) 2-Methylphenol	8.369	108	17511	3.514	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.428	45	30308m	4.373	ng/u1	
16) Acetophenone	8.775	105	34731	4.143	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.734	70	16798	3.960	ng/u1	94
18) 4-Methylphenol	8.705	108	22542	4.162	ng/u1	93
19) Hexachloroethane	8.975	117	11256	4.831	ng/u1	98
22) Nitrobenzene	9.169	77	28696	4.701	ng/u1	98
23) Isophorone	9.681	82	42207	3.835	ng/u1	95
25) 2-Nitrophenol	9.869	139	11983	4.215	ng/u1	95
26) 2,4-Dimethylphenol	9.922	107	23676	4.191	ng/u1	92
27) Bis(2-Chloroethoxy)met...	10.175	93	28573	4.249	ng/u1	98
29) 2,4-Dichlorophenol	10.399	162	19949	4.116	ng/u1	88
30) Naphthalene	10.804	128	75814	4.609	ng/u1	99
32) 4-Chloroaniline	10.951	127	29301	4.256	ng/u1	96
33) Hexachlorobutadiene	11.022	225	18446	4.922	ng/u1	98
34) Caprolactam	11.781	113	9151m	6.173	ng/u1	
35) 4-Chloro-3-methylphenol	12.075	107	16912	3.307	ng/u1#	90
36) 2-Methylnaphthalene	12.422	142	48899	4.341	ng/u1	96

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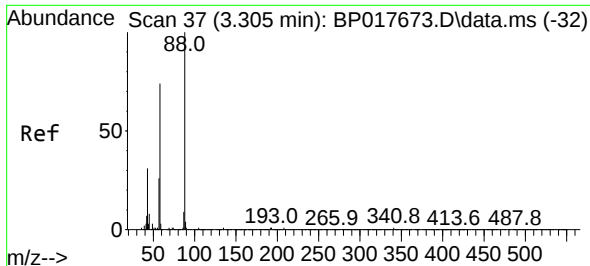
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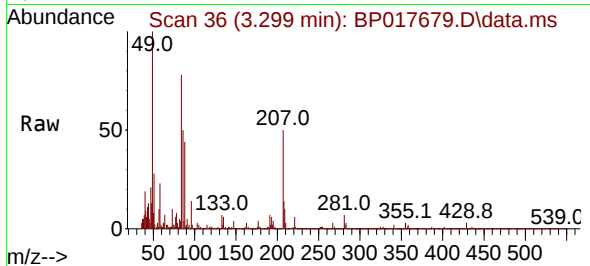
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.640	142	51131m	4.472	ng/ul	
39) 1,2,4,5-Tetrachloroben...	12.775	216	30827	4.811	ng/ul	94
40) Hexachlorocyclopentadiene	12.716	237	11532	4.006	ng/ul	96
41) 2,4,6-Trichlorophenol	13.045	196	13657	3.461	ng/ul	94
42) 2,4,5-Trichlorophenol	13.128	196	14539m	3.490	ng/ul	
43) 1,1'-Biphenyl	13.440	154	68917	4.788	ng/ul	98
44) 2-Chloronaphthalene	13.487	162	51229	4.449	ng/ul	99
45) 2-Nitroaniline	13.745	65	10529	3.308	ng/ul	85
47) Dimethylphthalate	14.075	163	67294	4.480	ng/ul	97
48) 2,6-Dinitrotoluene	14.234	165	9408	3.384	ng/ul#	76
50) Acenaphthylene	14.340	152	84911	4.583	ng/ul	99
51) 3-Nitroaniline	14.587	138	8115	2.894	ng/ul	84
52) Acenaphthene	14.681	153	57348	4.653	ng/ul	98
53) 2,4-Dinitrophenol	14.798	184	9856	5.741	ng/ul	96
55) 4-Nitrophenol	14.892	109	10734m	4.504	ng/ul	
56) Dibenzofuran	15.022	168	85579	4.840	ng/ul	99
57) 2,4-Dinitrotoluene	15.028	165	15202m	3.542	ng/ul	
58) 2,3,4,6-Tetrachlorophenol	15.245	232	13801	3.582	ng/ul#	87
59) Diethylphthalate	15.439	149	62596	4.154	ng/ul	96
61) Fluorene	15.675	166	67363	4.621	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.669	204	37675	4.861	ng/ul	92
63) 4-Nitroaniline	15.757	138	9219	3.309	ng/ul#	42
66) 4,6-Dinitro-2-methylph...	15.781	198	10214	3.397	ng/ul#	75
67) N-Nitrosodiphenylamine	15.898	169	53296	4.391	ng/ul	99
68) 4-Bromophenyl-phenylether	16.581	248	21169	4.322	ng/ul	95
69) Hexachlorobenzene	16.657	284	27382	4.698	ng/ul	97
70) Atrazine	16.863	200	16761	3.569	ng/ul	91
71) Pentachlorophenol	17.039	266	14282	4.046	ng/ul	95
72) Phenanthrene	17.451	178	110307	4.616	ng/ul	98
74) Anthracene	17.545	178	112690	4.662	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.393	216	30185	4.710	ng/uL	96
76) Pentachlorobenzene	14.910	250	33773	5.135	ng/uL	96
77) Carbazole	17.845	167	83427	3.811	ng/ul	99
78) Di-n-butylphthalate	18.351	149	87522	3.247	ng/ul	99
80) Fluoranthene	19.439	202	128983	4.214	ng/ul	99
82) Pyrene	19.798	202	146031	4.566	ng/ul	99
83) Butylbenzylphthalate	20.669	149	35956	2.890	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.486	252	50136	4.398	ng/ul	94
85) Benzo(a)anthracene	21.533	228	144934	4.247	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.416	149	46208	2.456	ng/ul	99
87) Chrysene	21.592	228	149246	4.739	ng/ul	99
89) Di-n-octyl phthalate	22.404	149	82908	2.495	ng/ul	100
90) Benzo(b)fluoranthene	23.327	252	153591	4.433	ng/ul	97
91) Benzo(k)fluoranthene	23.386	252	153272m	4.446	ng/ul	
93) Benzo(a)pyrene	24.010	252	132684	4.112	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.874	276	174966	4.422	ng/ul	97
95) Dibenzo(a,h)anthracene	26.909	278	147475	4.447	ng/ul	96
96) Benzo(g,h,i)perylene	27.733	276	146552	4.658	ng/ul	99

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



#2
1,4-Dioxane
Concen: 1.323 ng/uL
RT: 3.299 min Scan# 30
Delta R.T. -0.006 min
Lab File: BP017679.D
Acq: 16 Oct 2023 13:23

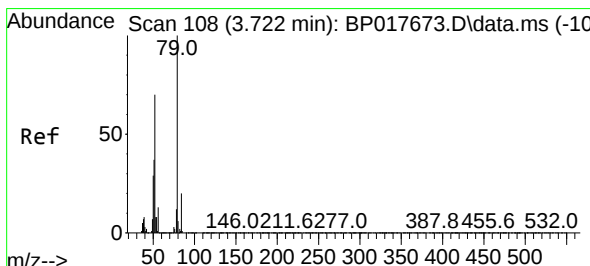
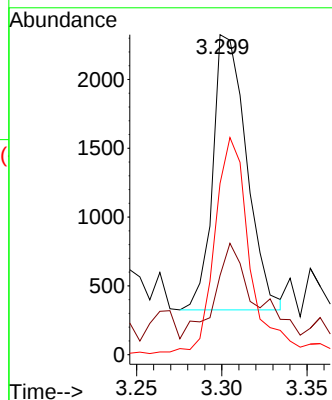
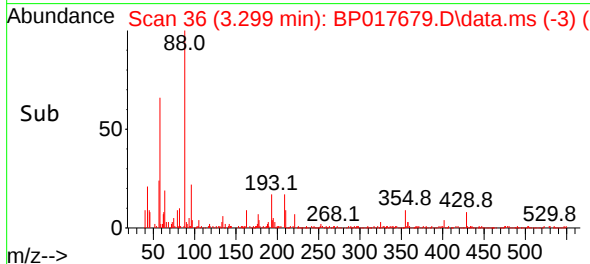
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-QT3-2023-05



Tgt Ion: 88 Resp: 275
Ion Ratio Lower Upper
88 100
43 24.7 27.3 40.9#
58 53.5 53.3 79.9

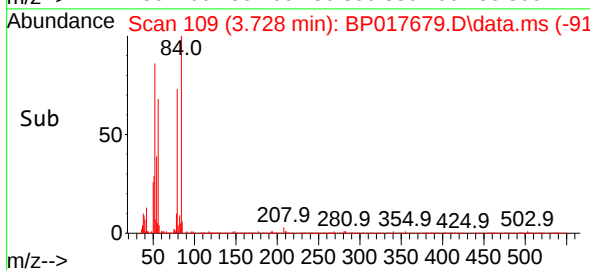
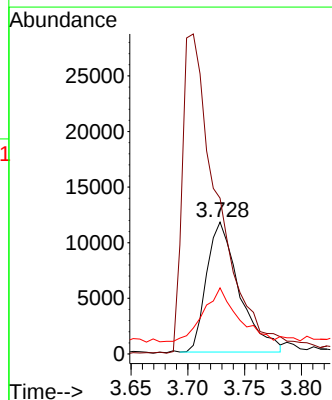
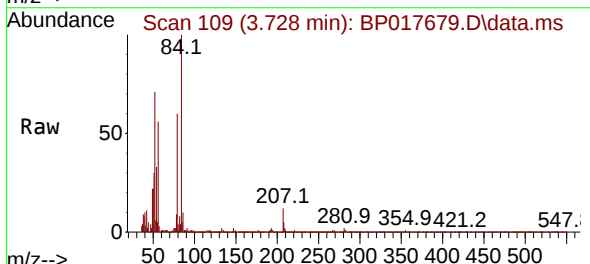
Manual Integrations
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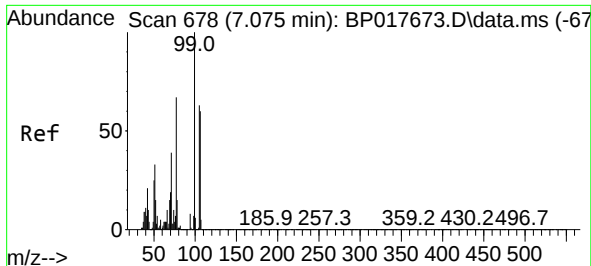
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#5
Pyridine
Concen: 4.209 ng/uL
RT: 3.728 min Scan# 109
Delta R.T. 0.006 min
Lab File: BP017679.D
Acq: 16 Oct 2023 13:23

Tgt Ion: 79 Resp: 23480
Ion Ratio Lower Upper
79 100
52 118.2 55.8 83.6#
51 50.1 28.7 43.1#





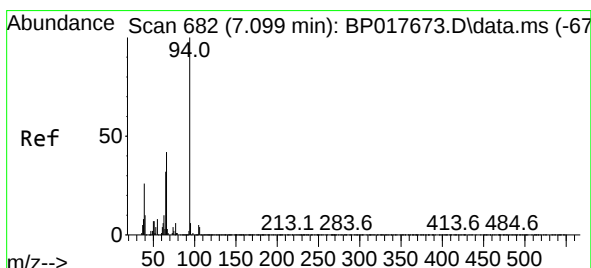
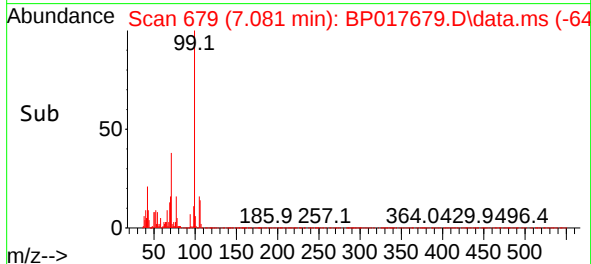
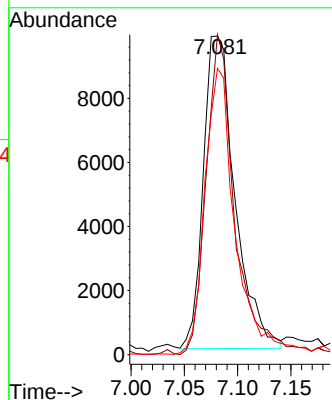
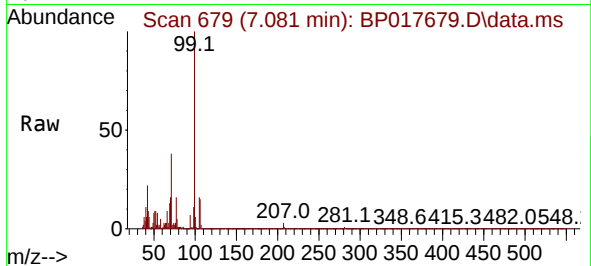
#6
Benzaldehyde
Concen: 5.919 ng/ul
RT: 7.081 min Scan# 61
Delta R.T. 0.018 min
Lab File: BP017679.D
Acq: 16 Oct 2023 13:23

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-QT3-2023-05

Tgt Ion: 77 Resp: 2022
Ion Ratio Lower Upper
77 100
105 100.4 74.9 112.3
106 89.9 72.2 108.2

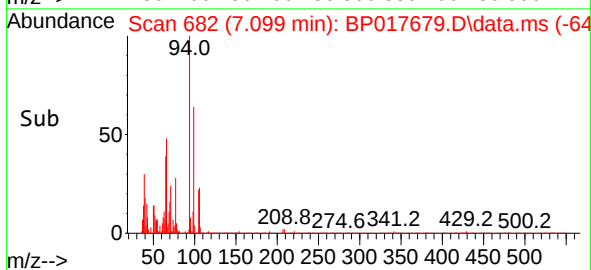
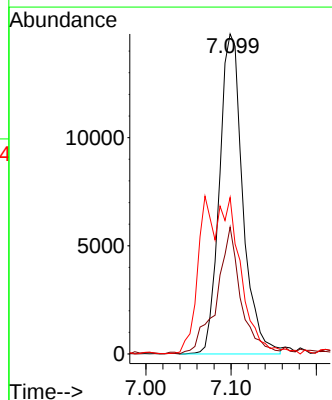
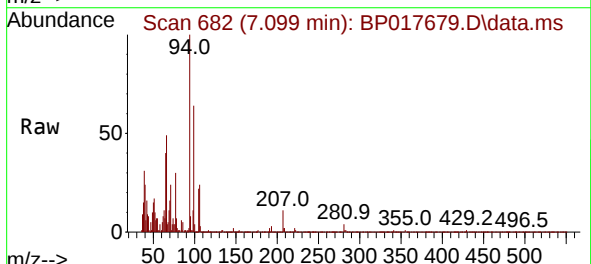
Manual Integrations
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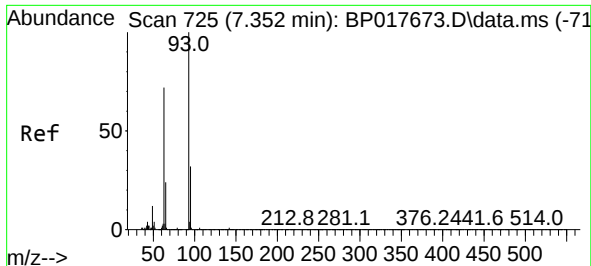
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#8
Phenol
Concen: 4.199 ng/ul
RT: 7.099 min Scan# 682
Delta R.T. 0.006 min
Lab File: BP017679.D
Acq: 16 Oct 2023 13:23

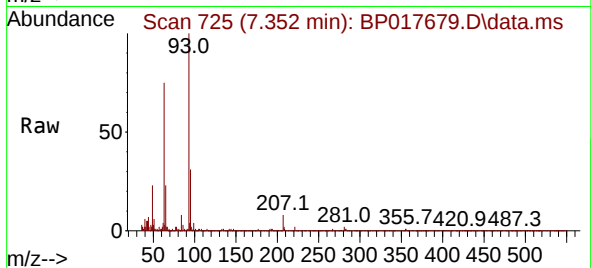
Tgt Ion: 94 Resp: 28105
Ion Ratio Lower Upper
94 100
65 39.6 24.2 36.4#
66 48.9 31.8 47.6#





#10
Bis(2-Chloroethyl)ether
Concen: 4.384 ng/ul
RT: 7.352 min Scan# 725
Delta R.T. 0.006 min
Lab File: BP017679.D
Acq: 16 Oct 2023 13:23

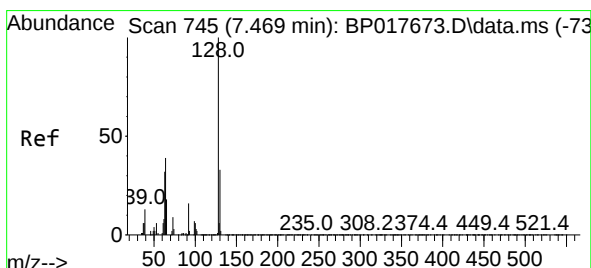
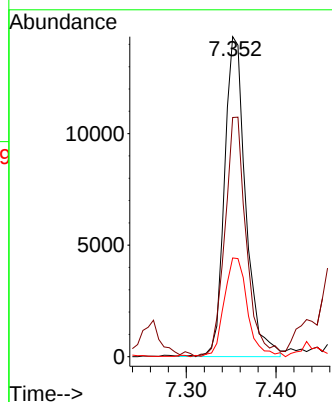
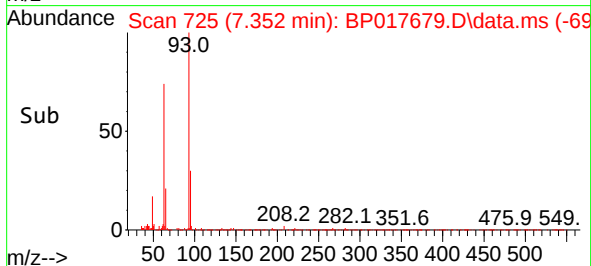
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-QT3-2023-05



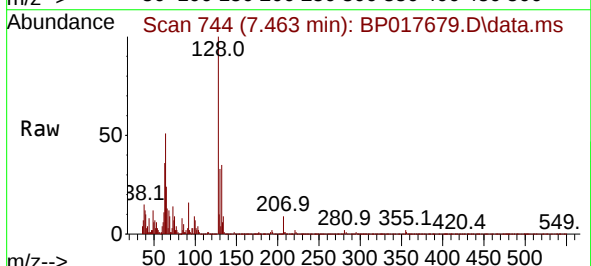
Tgt Ion	Ratio	Lower	Upper
93	100		
63	74.8	59.4	89.2
95	30.9	25.3	37.9

Manual Integrations
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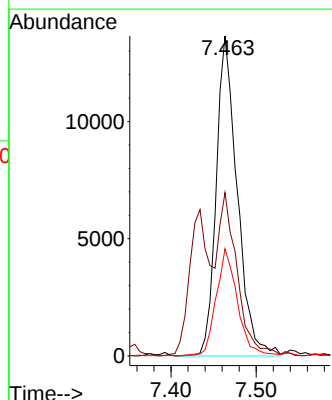
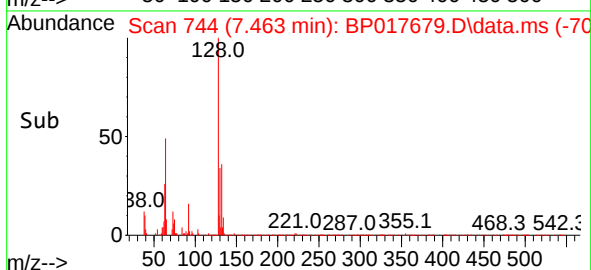
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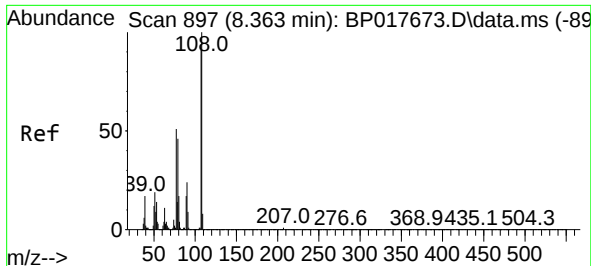


#12
2-Chlorophenol
Concen: 4.481 ng/ul
RT: 7.463 min Scan# 744
Delta R.T. 0.006 min
Lab File: BP017679.D
Acq: 16 Oct 2023 13:23



Tgt Ion	Ratio	Lower	Upper
128	100		
64	51.1	36.9	55.3
130	33.5	25.8	38.8





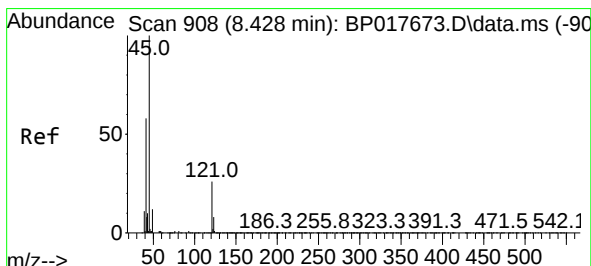
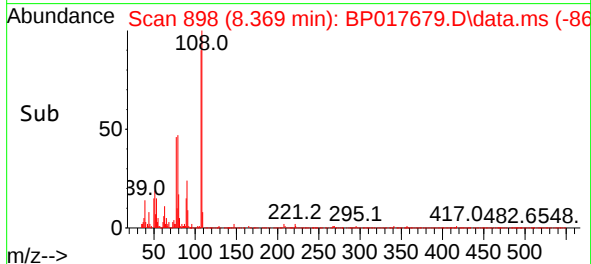
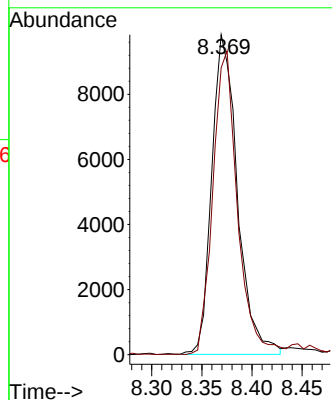
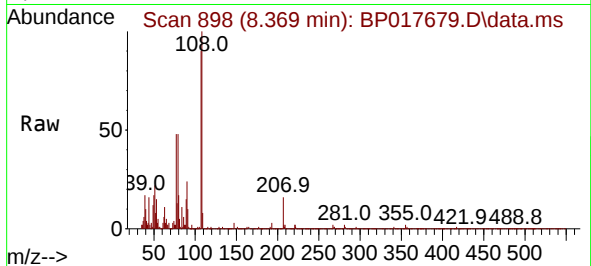
#13
2-Methylphenol
Concen: 3.514 ng/ul
RT: 8.369 min Scan# 897
Delta R.T. 0.012 min
Lab File: BP017679.D
Acq: 16 Oct 2023 13:23

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-QT3-2023-05

Tgt Ion:108 Resp: 1751
Ion Ratio Lower Upper
108 100
107 89.7 70.2 105.2

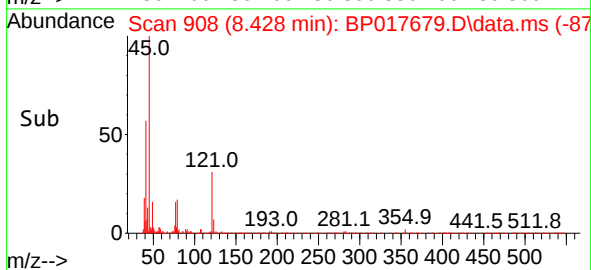
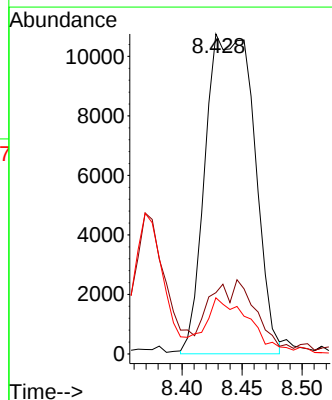
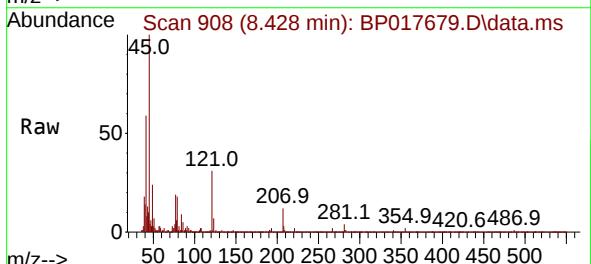
Manual Integrations
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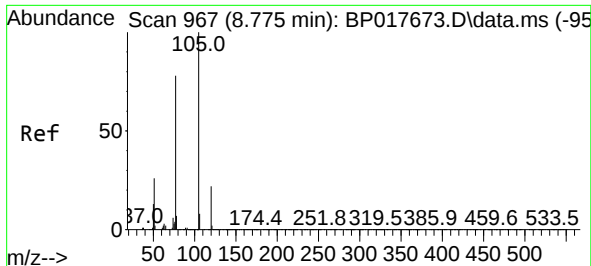
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.373 ng/ul m
RT: 8.428 min Scan# 908
Delta R.T. 0.006 min
Lab File: BP017679.D
Acq: 16 Oct 2023 13:23

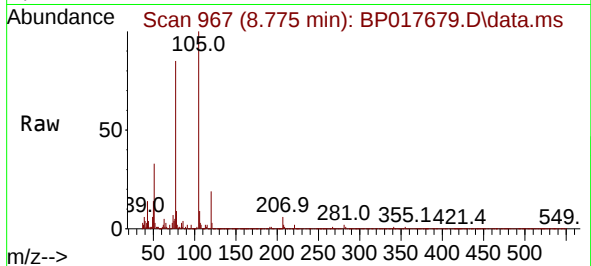
Tgt Ion: 45 Resp: 30308
Ion Ratio Lower Upper
45 100
77 19.2 13.0 19.6
79 17.6 9.5 14.3#





#16
Acetophenone
Concen: 4.143 ng/ul
RT: 8.775 min Scan# 967
Delta R.T. 0.012 min
Lab File: BP017679.D
Acq: 16 Oct 2023 13:23

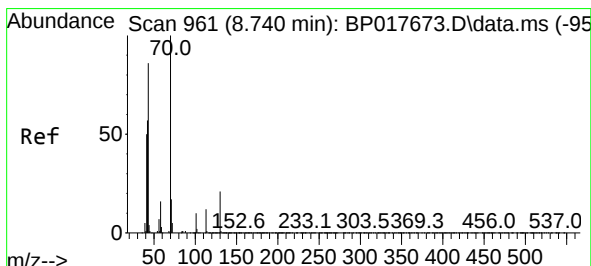
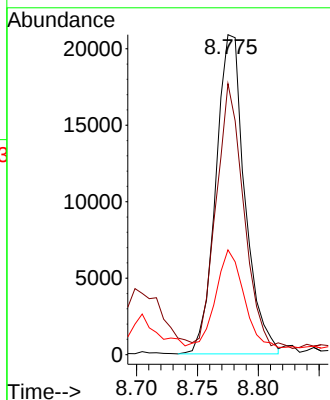
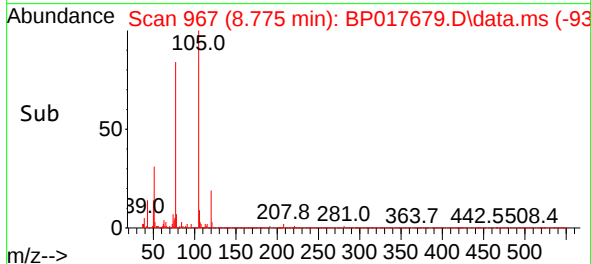
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-QT3-2023-05



Tgt Ion: 105 Resp: 3473
Ion Ratio Lower Upper
105 100
77 84.7 64.3 96.5
51 32.7 22.6 33.8

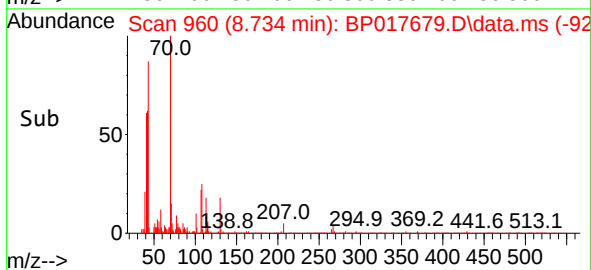
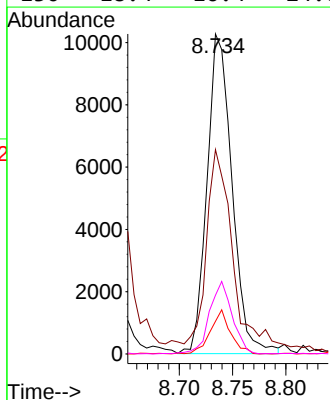
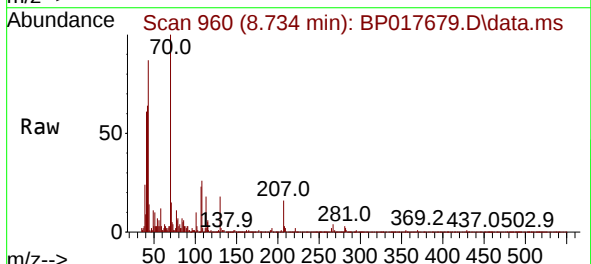
Manual Integrations
APPROVED

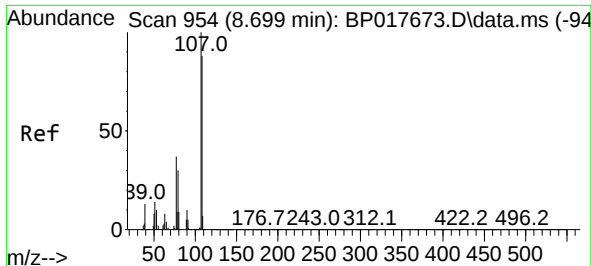
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#17
N-Nitroso-di-n-propylamine
Concen: 3.960 ng/ul
RT: 8.734 min Scan# 960
Delta R.T. 0.006 min
Lab File: BP017679.D
Acq: 16 Oct 2023 13:23

Tgt Ion: 70 Resp: 16798
Ion Ratio Lower Upper
70 100
42 63.8 46.6 70.0
101 10.2 7.8 11.6
130 18.4 16.4 24.6





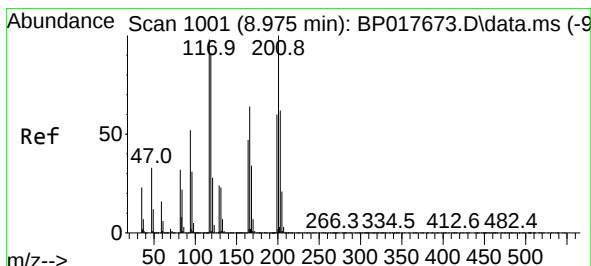
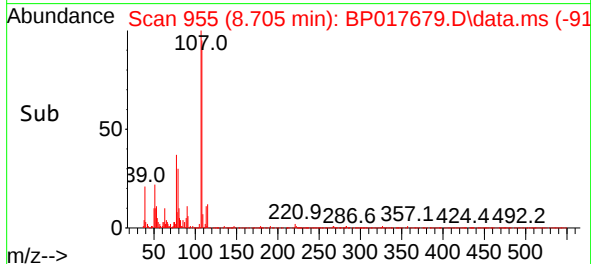
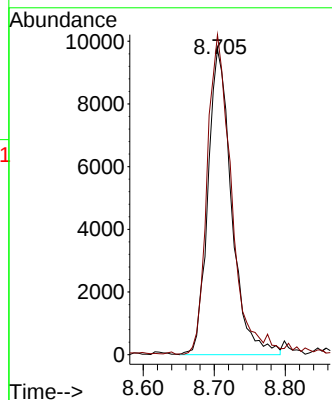
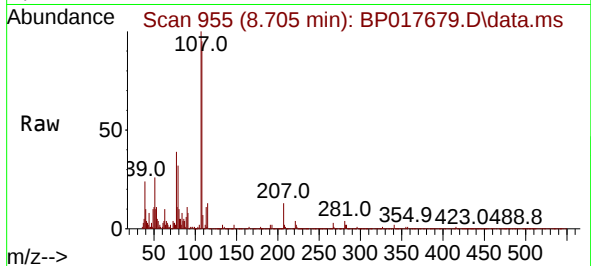
#18
4-Methylphenol
Concen: 4.162 ng/ul
RT: 8.705 min Scan# 91
Delta R.T. 0.012 min
Lab File: BP017679.D
Acq: 16 Oct 2023 13:23

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-QT3-2023-05

Tgt Ion:108 Resp: 2254
Ion Ratio Lower Upper
108 100
107 104.8 89.4 134.2

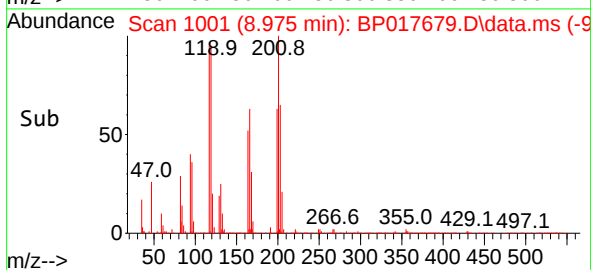
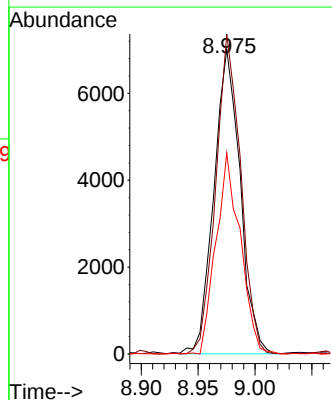
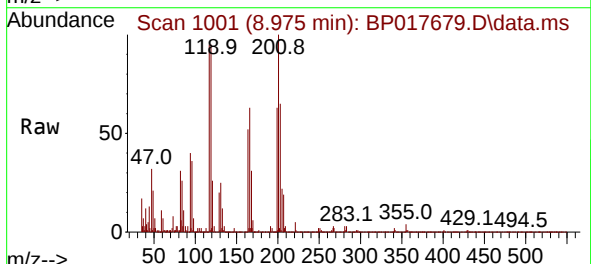
Manual Integrations
APPROVED

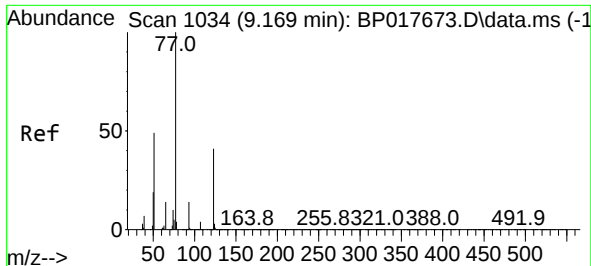
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#19
Hexachloroethane
Concen: 4.831 ng/ul
RT: 8.975 min Scan# 1001
Delta R.T. 0.006 min
Lab File: BP017679.D
Acq: 16 Oct 2023 13:23

Tgt Ion:117 Resp: 11256
Ion Ratio Lower Upper
117 100
201 105.1 85.4 128.2
199 66.0 53.7 80.5





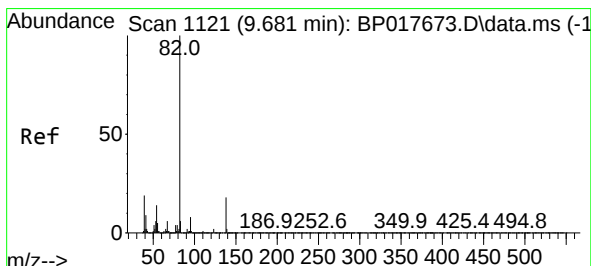
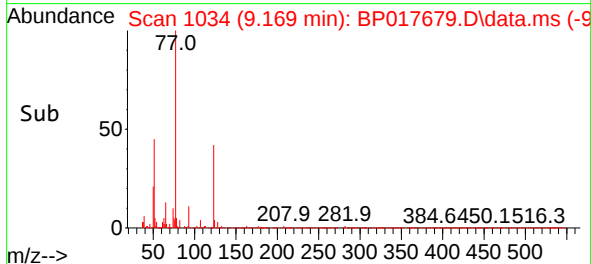
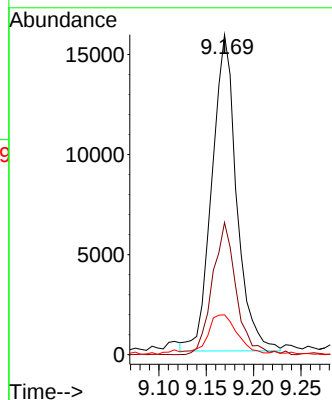
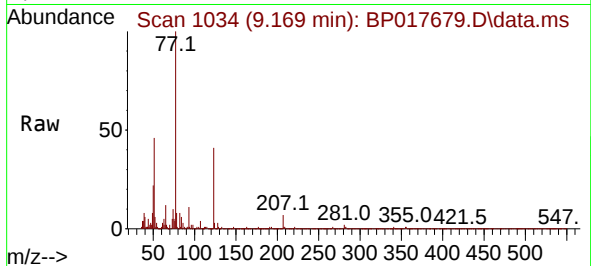
#22
Nitrobenzene
Concen: 4.701 ng/ul
RT: 9.169 min Scan# 1034
Delta R.T. 0.012 min
Lab File: BP017679.D
Acq: 16 Oct 2023 13:23

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-QT3-2023-05

Tgt Ion: 77	Resp: 28690
Ion Ratio	Lower Upper
77 100	
123 41.3	33.8 50.6
65 12.5	10.6 16.0

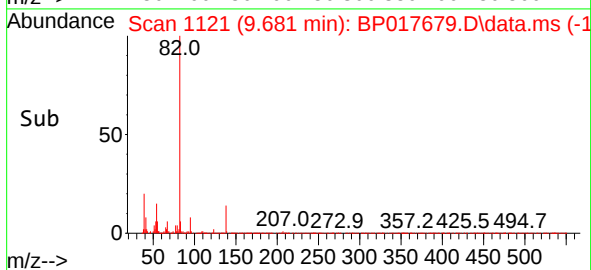
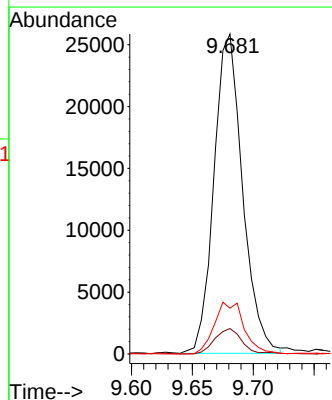
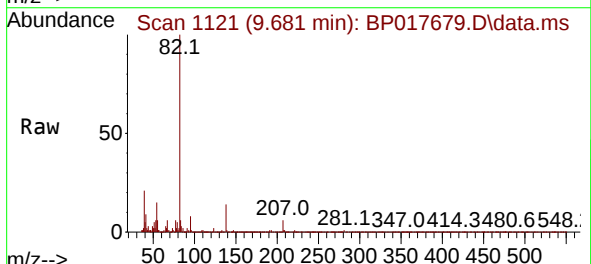
Manual Integrations
APPROVED

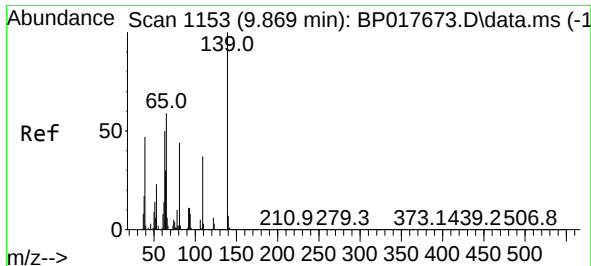
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#23
Isophorone
Concen: 3.835 ng/ul
RT: 9.681 min Scan# 1121
Delta R.T. 0.012 min
Lab File: BP017679.D
Acq: 16 Oct 2023 13:23

Tgt Ion: 82	Resp: 42207
Ion Ratio	Lower Upper
82 100	
95 7.9	6.0 9.0
138 14.3	13.9 20.9





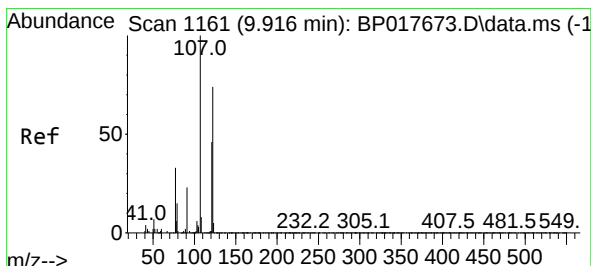
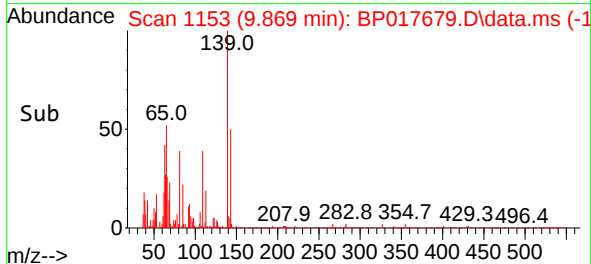
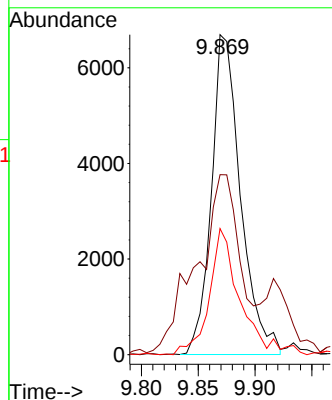
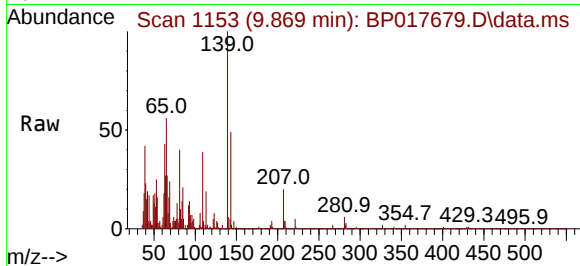
#25
2-Nitrophenol
Concen: 4.215 ng/ul
RT: 9.869 min Scan# 1153
Delta R.T. 0.006 min
Lab File: BP017679.D
Acq: 16 Oct 2023 13:23

Instrument : BNA_P
ClientSampleId : MDL-WATER-QT3-2023-05

Tgt Ion:139 Resp: 1198
Ion Ratio Lower Upper
139 100
65 56.3 43.4 65.2
109 39.4 28.1 42.1

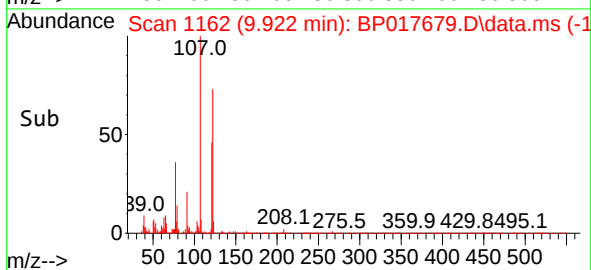
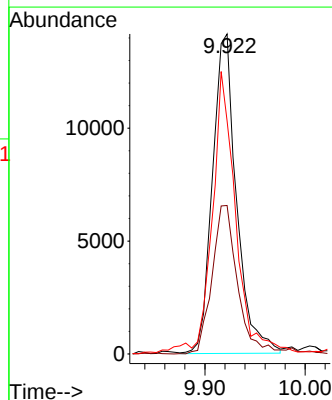
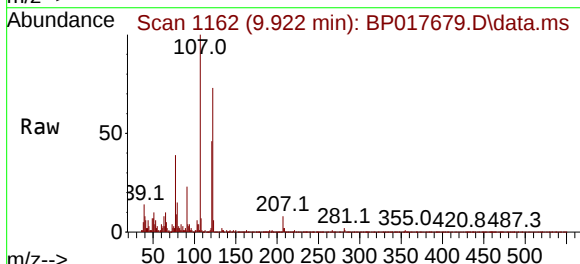
Manual Integrations
APPROVED

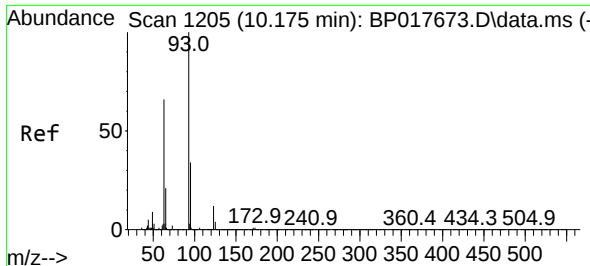
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#26
2,4-Dimethylphenol
Concen: 4.191 ng/ul
RT: 9.922 min Scan# 1162
Delta R.T. 0.018 min
Lab File: BP017679.D
Acq: 16 Oct 2023 13:23

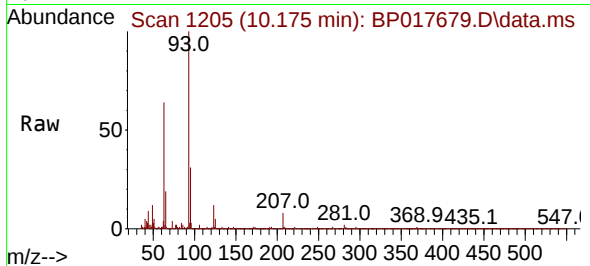
Tgt Ion:107 Resp: 23676
Ion Ratio Lower Upper
107 100
121 46.4 37.6 56.4
122 72.9 67.0 100.6





#27
Bis(2-Chloroethoxy)methane
Concen: 4.249 ng/ul
RT: 10.175 min Scan# 1205
Delta R.T. 0.012 min
Lab File: BP017679.D
Acq: 16 Oct 2023 13:23

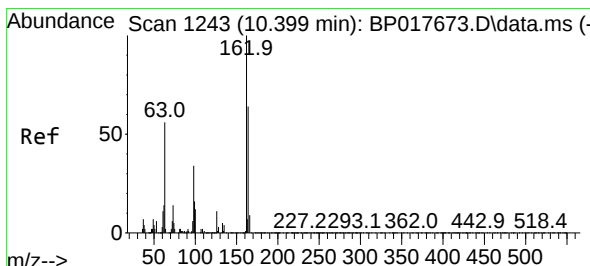
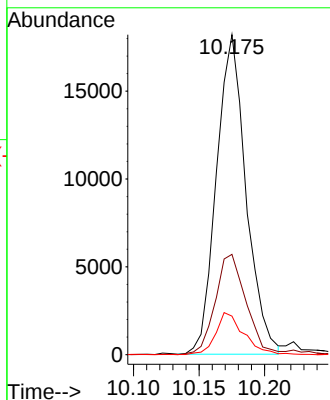
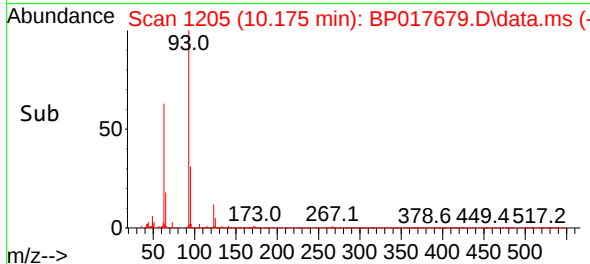
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-QT3-2023-05



Tgt Ion: 93 Resp: 2857
Ion Ratio Lower Upper
93 100
95 31.3 25.9 38.9
123 12.0 8.8 13.2

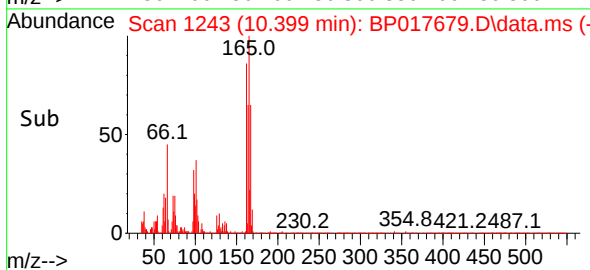
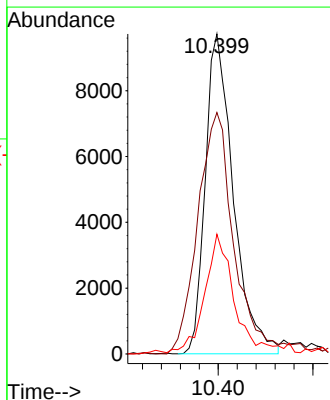
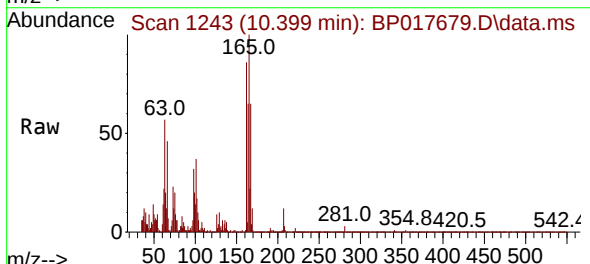
Manual Integrations
APPROVED

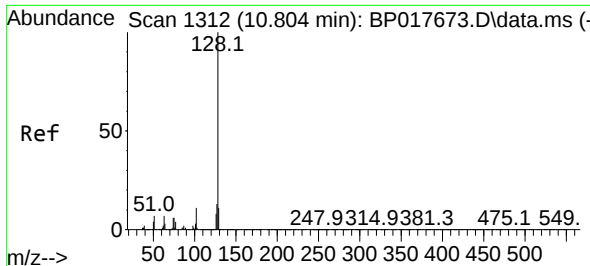
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#29
2,4-Dichlorophenol
Concen: 4.116 ng/ul
RT: 10.399 min Scan# 1243
Delta R.T. 0.012 min
Lab File: BP017679.D
Acq: 16 Oct 2023 13:23

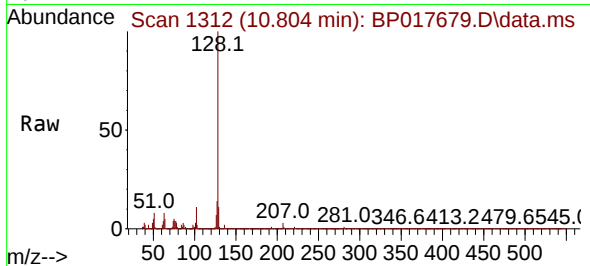
Tgt Ion:162 Resp: 19949
Ion Ratio Lower Upper
162 100
164 75.4 50.5 75.7
98 37.4 27.8 41.8





#30
Naphthalene
Concen: 4.609 ng/ul
RT: 10.804 min Scan# 1312
Delta R.T. 0.012 min
Lab File: BP017679.D
Acq: 16 Oct 2023 13:23

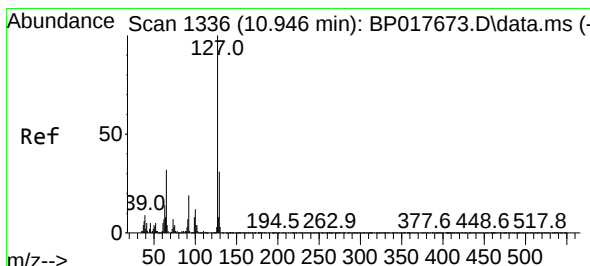
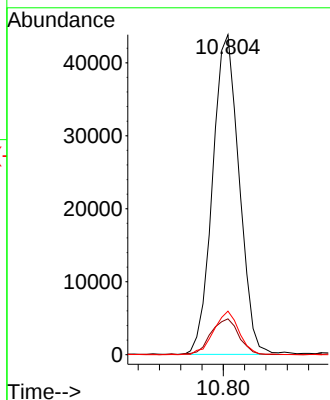
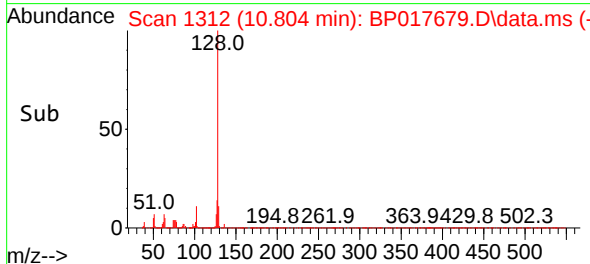
Instrument : BNA_P
ClientSampleId :
MDL-WATER-QT3-2023-05



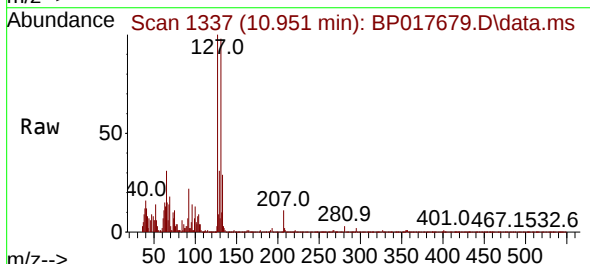
Tgt Ion:128 Resp: 75814
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.6 10.5 15.7

Manual Integrations
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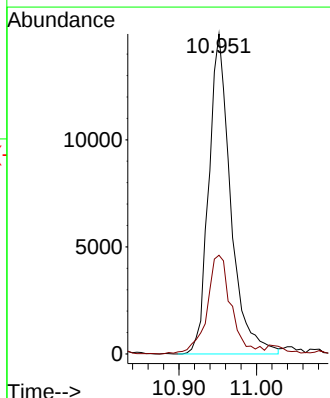
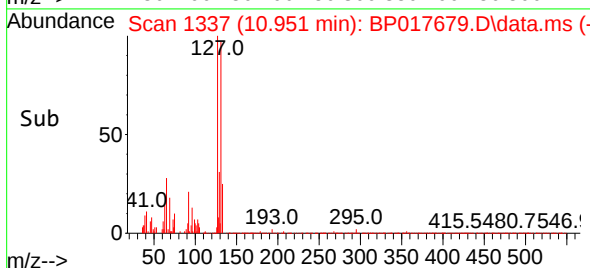
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

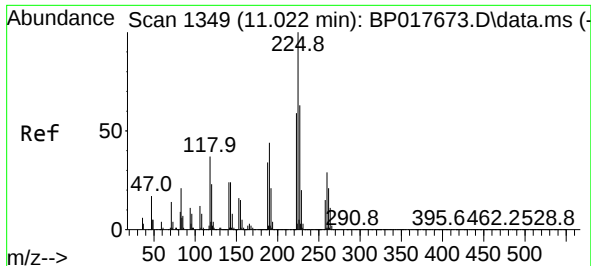


#32
4-Chloroaniline
Concen: 4.256 ng/ul
RT: 10.951 min Scan# 1337
Delta R.T. 0.012 min
Lab File: BP017679.D
Acq: 16 Oct 2023 13:23



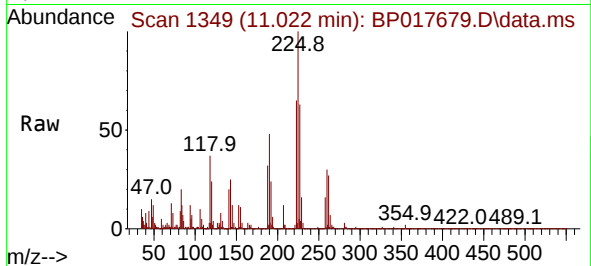
Tgt Ion:127 Resp: 29301
Ion Ratio Lower Upper
127 100
129 30.9 26.6 40.0





#33
Hexachlorobutadiene
Concen: 4.922 ng/ul
RT: 11.022 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BP017679.D
Acq: 16 Oct 2023 13:23

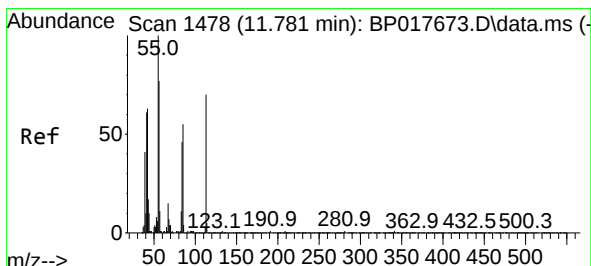
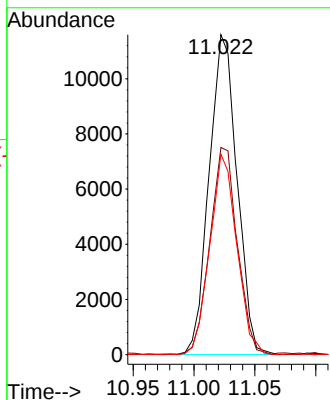
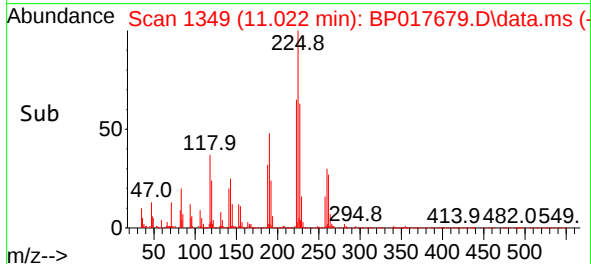
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-QT3-2023-05



Tgt Ion:225 Resp: 1844
Ion Ratio Lower Upper
225 100
223 64.8 50.2 75.2
227 62.7 51.0 76.4

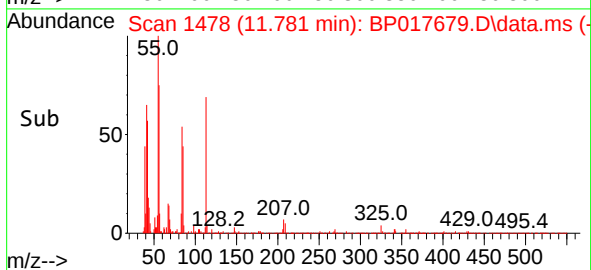
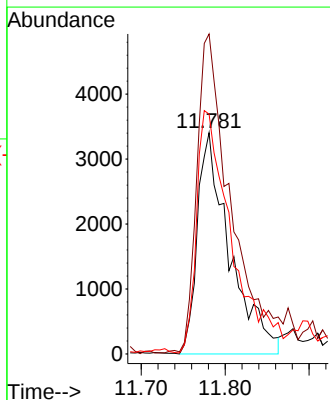
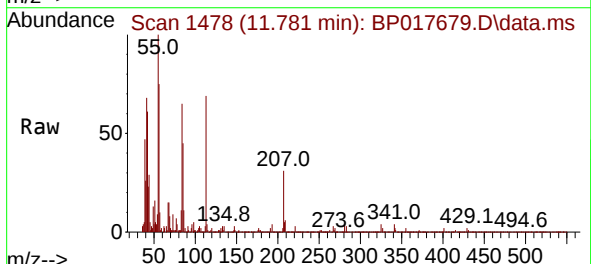
Manual Integrations
APPROVED

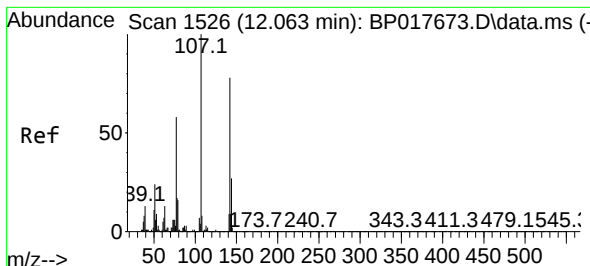
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#34
Caprolactam
Concen: 6.173 ng/ul m
RT: 11.781 min Scan# 1478
Delta R.T. 0.012 min
Lab File: BP017679.D
Acq: 16 Oct 2023 13:23

Tgt Ion:113 Resp: 9151
Ion Ratio Lower Upper
113 100
55 144.7 126.9 190.3
56 108.4 97.9 146.9





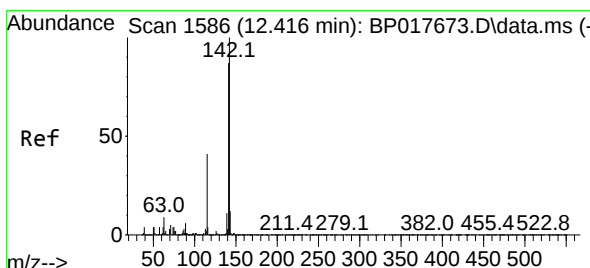
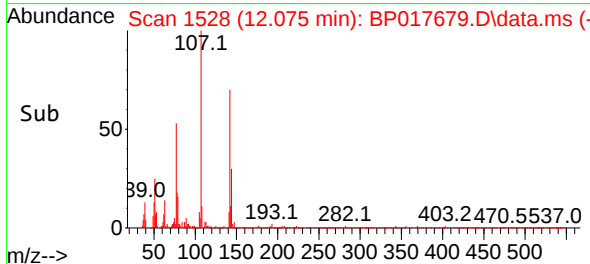
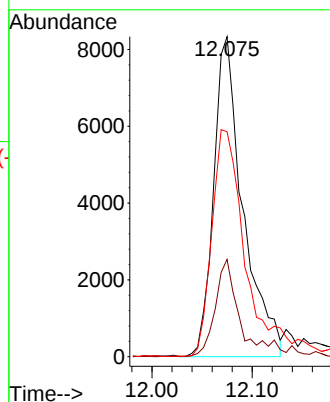
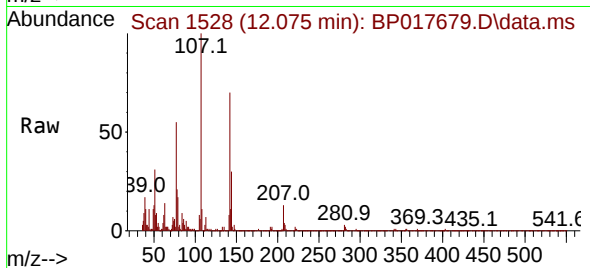
#35
4-Chloro-3-methylphenol
Concen: 3.307 ng/ul
RT: 12.075 min Scan# 1526
Delta R.T. 0.024 min
Lab File: BP017679.D
Acq: 16 Oct 2023 13:23

Instrument : BNA_P
ClientSampleId : MDL-WATER-QT3-2023-05

Tgt Ion:107 Resp: 16912
Ion Ratio Lower Upper
107 100
144 30.4 20.1 30.1
142 70.3 63.3 94.9

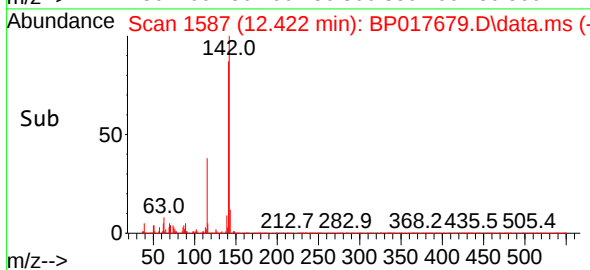
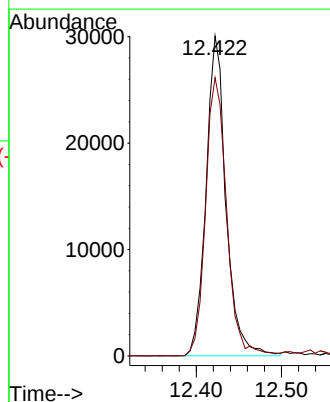
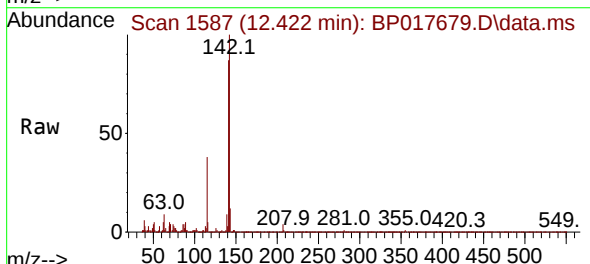
Manual Integrations
APPROVED

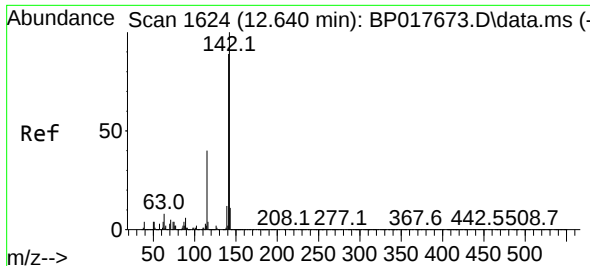
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#36
2-Methylnaphthalene
Concen: 4.341 ng/ul
RT: 12.422 min Scan# 1587
Delta R.T. 0.012 min
Lab File: BP017679.D
Acq: 16 Oct 2023 13:23

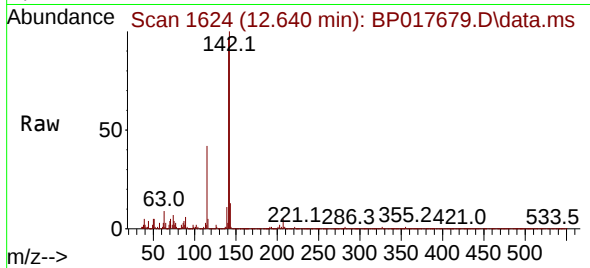
Tgt Ion:142 Resp: 48899
Ion Ratio Lower Upper
142 100
141 86.9 72.8 109.2





#37
1-Methylnaphthalene
Concen: 4.472 ng/ul m
RT: 12.640 min Scan# 1624
Delta R.T. 0.006 min
Lab File: BP017679.D
Acq: 16 Oct 2023 13:23

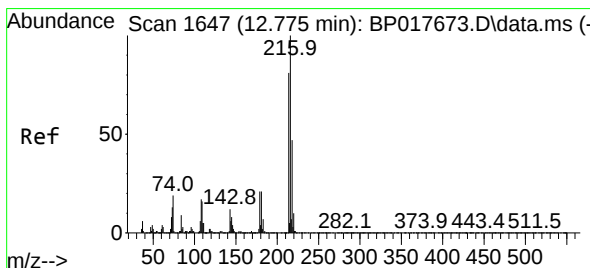
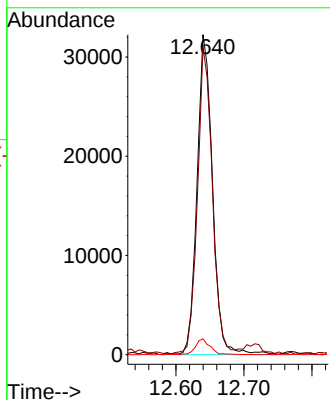
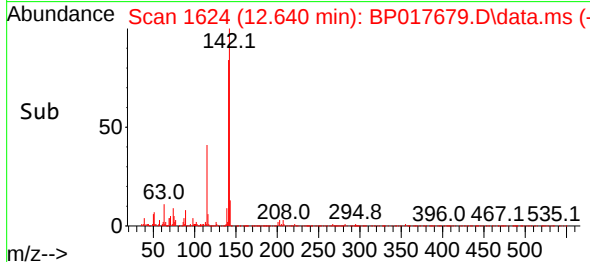
Instrument : BNA_P
ClientSampleId :
MDL-WATER-QT3-2023-05



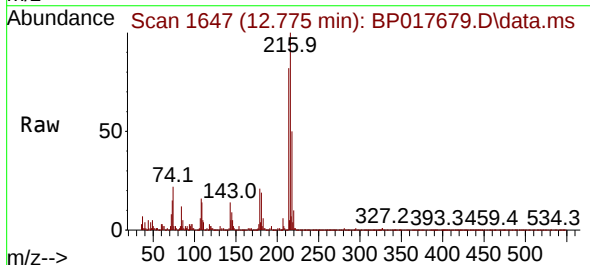
Tgt Ion:142 Resp: 5113
Ion Ratio Lower Upper
142 100
141 96.1 74.3 111.5
116 4.9 3.3 4.9

Manual Integrations
APPROVED

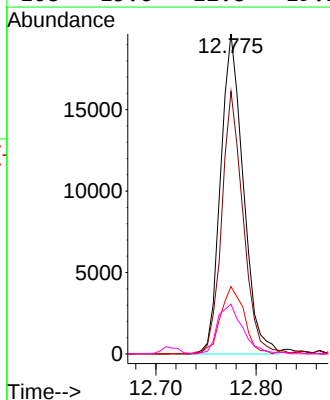
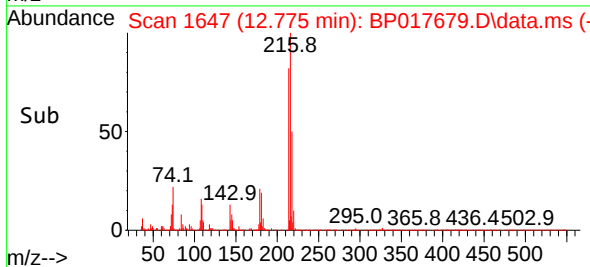
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

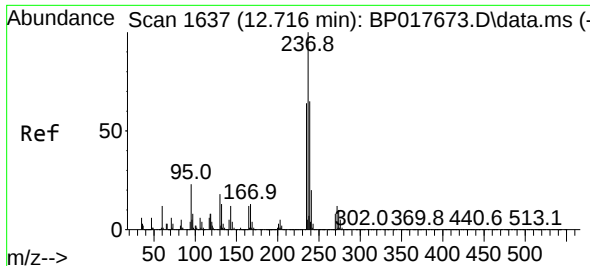


#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.811 ng/ul
RT: 12.775 min Scan# 1647
Delta R.T. 0.012 min
Lab File: BP017679.D
Acq: 16 Oct 2023 13:23



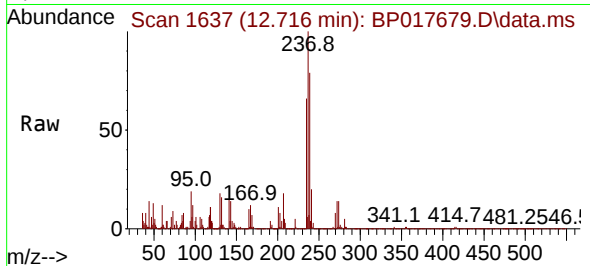
Tgt Ion:216 Resp: 30827
Ion Ratio Lower Upper
216 100
214 82.0 59.8 89.8
179 21.0 16.6 25.0
108 15.6 12.8 19.2





#40
Hexachlorocyclopentadiene
Concen: 4.006 ng/ul
RT: 12.716 min Scan# 1637
Delta R.T. 0.012 min
Lab File: BP017679.D
Acq: 16 Oct 2023 13:23

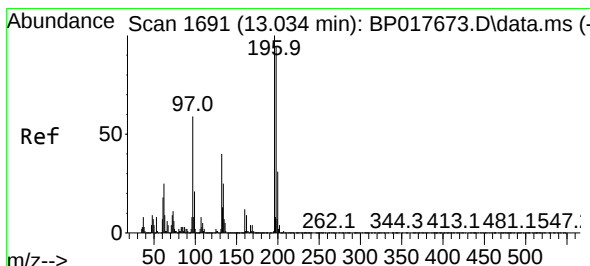
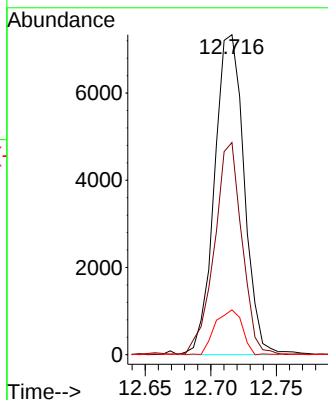
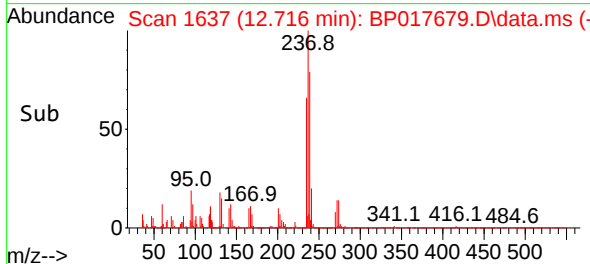
Instrument : BNA_P
ClientSampleId : MDL-WATER-QT3-2023-05



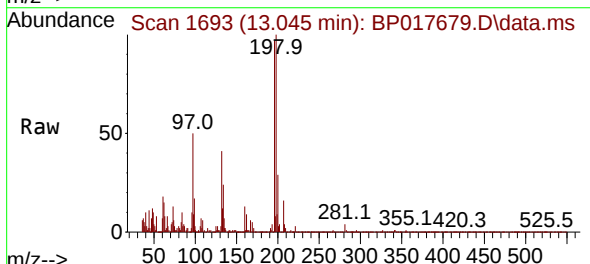
Tgt Ion:237 Resp: 1153
Ion Ratio Lower Upper
237 100
235 66.3 50.4 75.6
272 14.7 11.3 16.9

Manual Integrations
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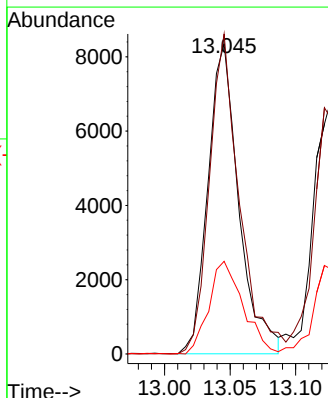
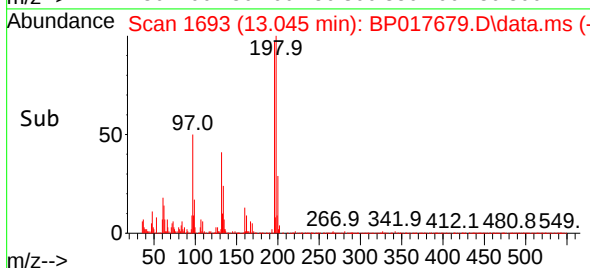
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

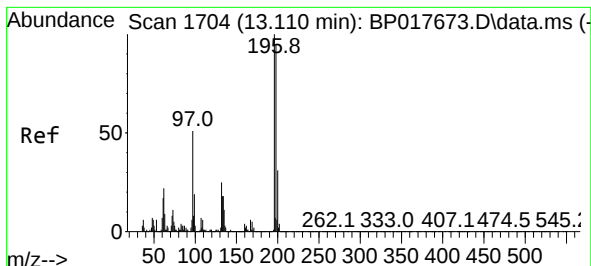


#41
2,4,6-Trichlorophenol
Concen: 3.461 ng/ul
RT: 13.045 min Scan# 1693
Delta R.T. 0.018 min
Lab File: BP017679.D
Acq: 16 Oct 2023 13:23



Tgt Ion:196 Resp: 13657
Ion Ratio Lower Upper
196 100
198 103.1 77.3 115.9
200 29.9 25.4 38.2





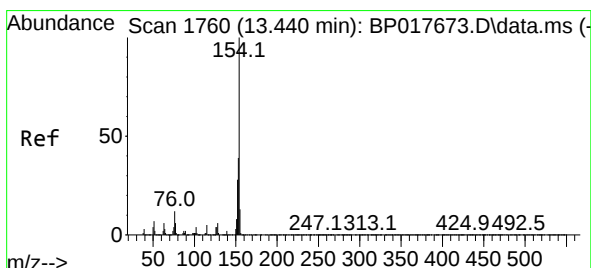
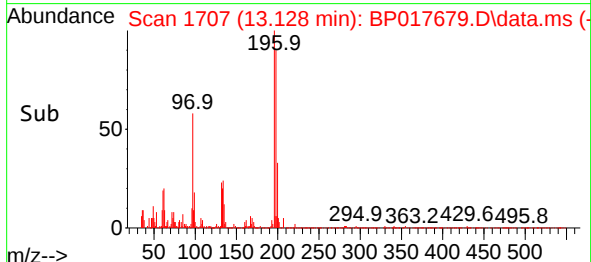
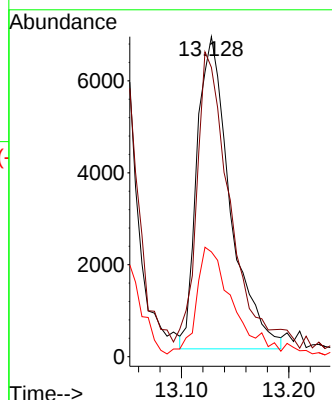
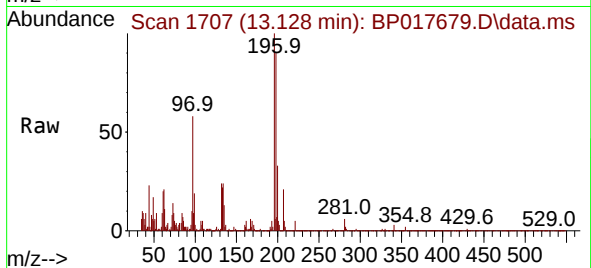
#42
2,4,5-Trichlorophenol
Concen: 3.490 ng/ul m
RT: 13.128 min Scan# 1
Delta R.T. 0.029 min
Lab File: BP017679.D
Acq: 16 Oct 2023 13:23

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-QT3-2023-05

Tgt Ion:196 Resp: 14539
Ion Ratio Lower Upper
196 100
198 90.4 73.0 109.4
200 32.7 23.9 35.9

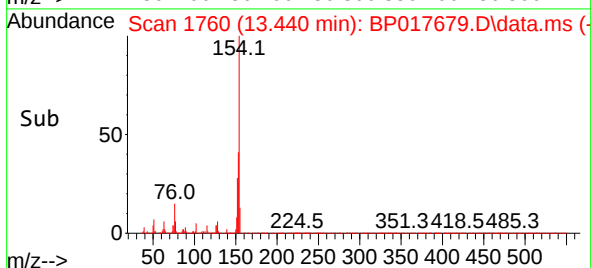
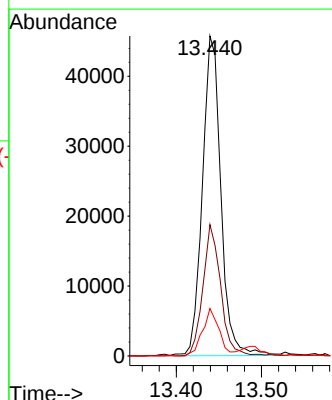
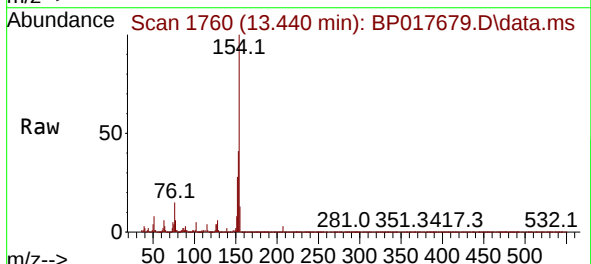
Manual Integrations
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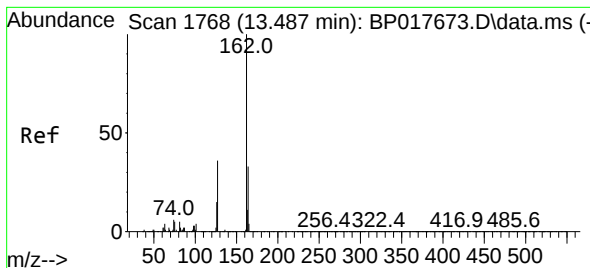
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#43
1,1'-Biphenyl
Concen: 4.788 ng/ul
RT: 13.440 min Scan# 1760
Delta R.T. 0.012 min
Lab File: BP017679.D
Acq: 16 Oct 2023 13:23

Tgt Ion:154 Resp: 68917
Ion Ratio Lower Upper
154 100
153 41.1 32.5 48.7
76 14.9 10.4 15.6





#44

2-Chloronaphthalene

Concen: 4.449 ng/ul

RT: 13.487 min Scan# 1768

Delta R.T. 0.006 min

Lab File: BP017679.D

Acq: 16 Oct 2023 13:23

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-QT3-2023-05

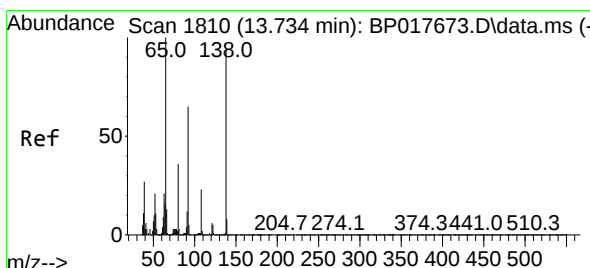
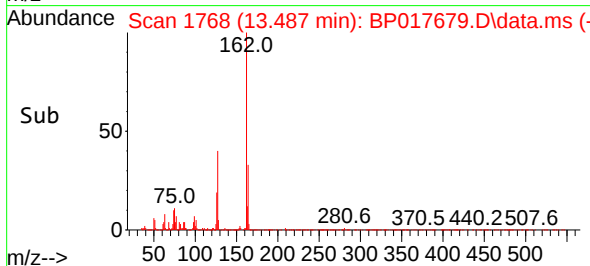
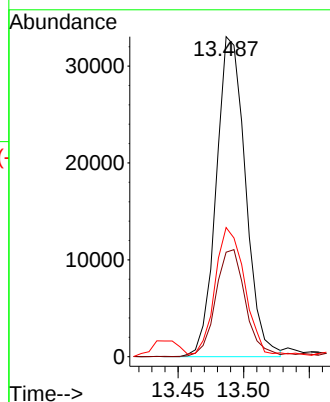
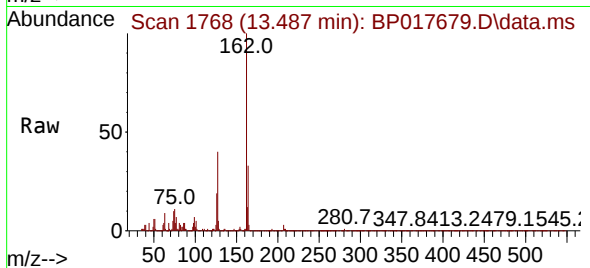
Tgt Ion:	162	Resp:	51229
Ion Ratio	Lower	Upper	
162	100		
164	32.7	26.5	39.7
127	40.3	31.4	47.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#45

2-Nitroaniline

Concen: 3.308 ng/ul

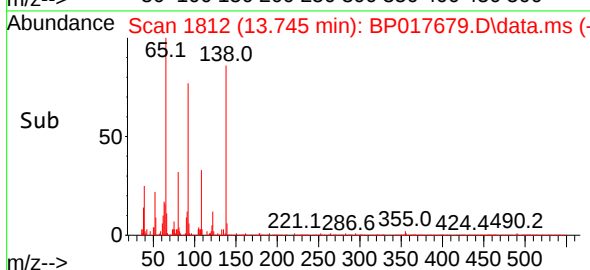
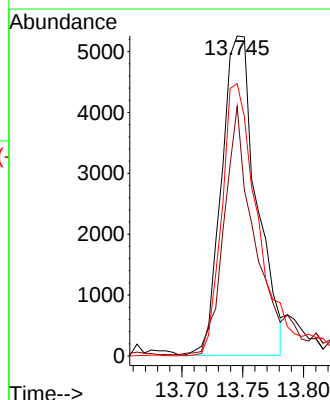
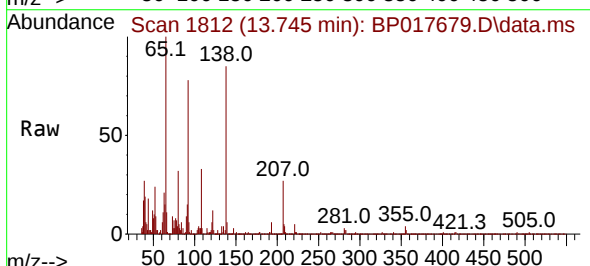
RT: 13.745 min Scan# 1812

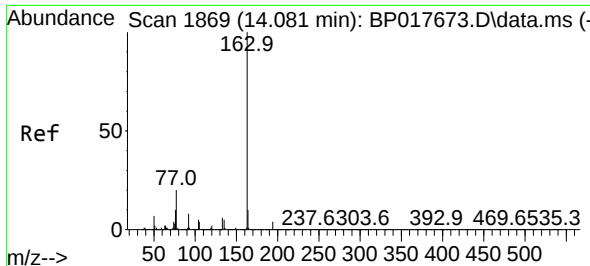
Delta R.T. 0.018 min

Lab File: BP017679.D

Acq: 16 Oct 2023 13:23

Tgt Ion:	65	Resp:	10529
Ion Ratio	Lower	Upper	
65	100		
92	78.0	55.3	82.9
138	85.1	82.8	124.2





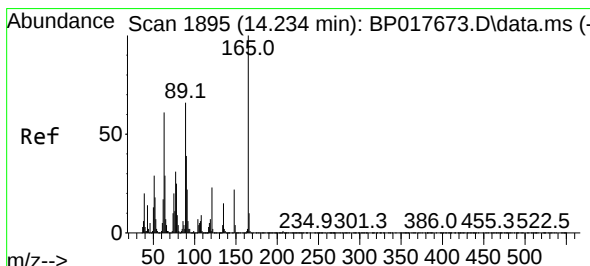
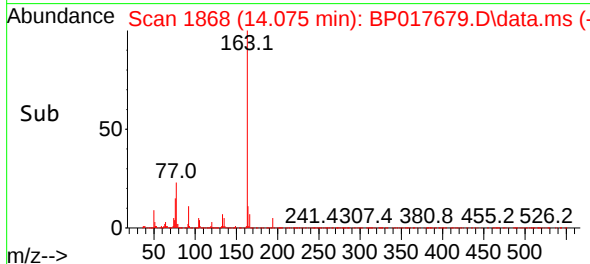
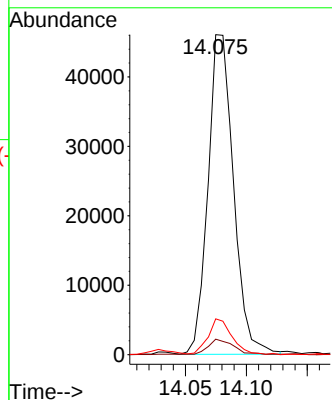
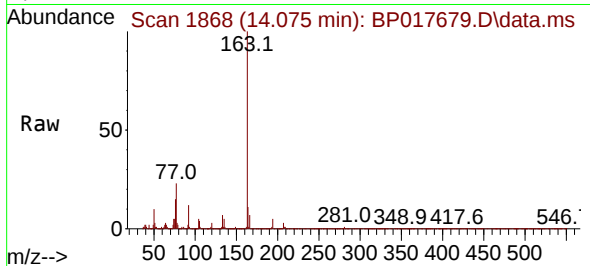
#47
Dimethylphthalate
Concen: 4.480 ng/ul
RT: 14.075 min Scan# 1868
Delta R.T. 0.006 min
Lab File: BP017679.D
Acq: 16 Oct 2023 13:23

Instrument : BNA_P
ClientSampleId : MDL-WATER-QT3-2023-05

Tgt Ion:163 Resp: 67294
Ion Ratio Lower Upper
163 100
194 4.8 3.4 5.2
164 11.2 8.0 12.0

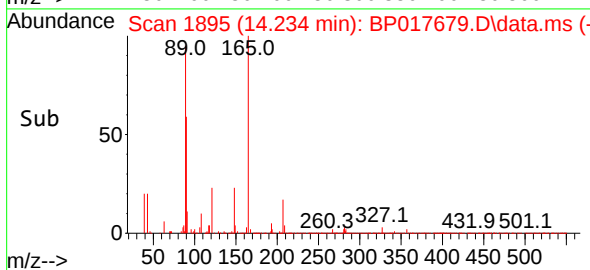
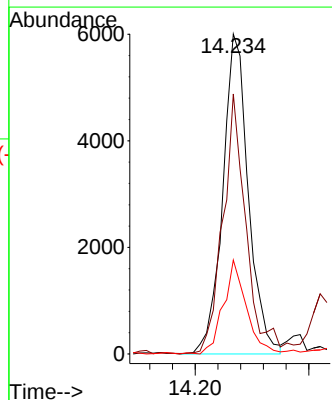
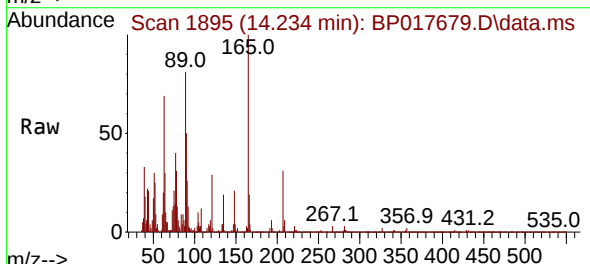
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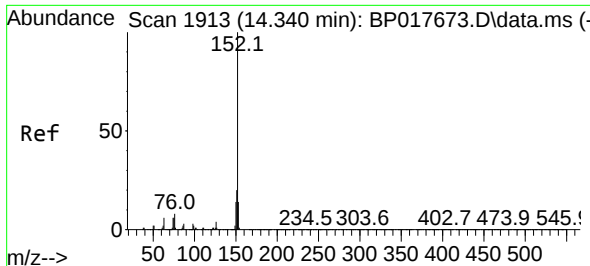
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#48
2,6-Dinitrotoluene
Concen: 3.384 ng/ul
RT: 14.234 min Scan# 1895
Delta R.T. 0.012 min
Lab File: BP017679.D
Acq: 16 Oct 2023 13:23

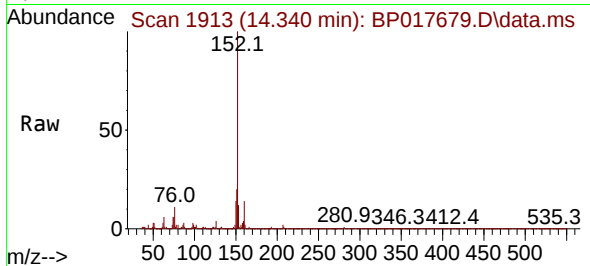
Tgt Ion:165 Resp: 9408
Ion Ratio Lower Upper
165 100
89 81.2 49.0 73.4#
121 29.4 16.5 24.7#





#50
Acenaphthylene
Concen: 4.583 ng/ul
RT: 14.340 min Scan# 1913
Delta R.T. 0.006 min
Lab File: BP017679.D
Acq: 16 Oct 2023 13:23

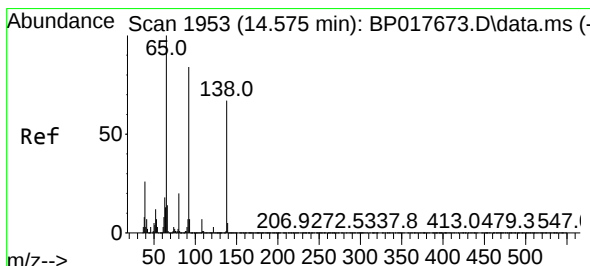
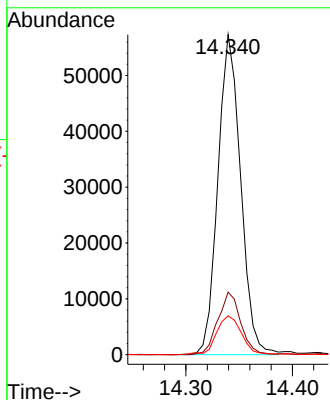
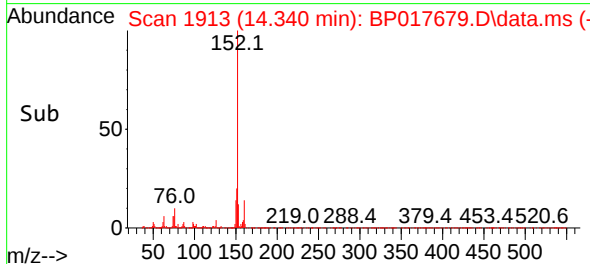
Instrument : BNA_P
ClientSampleId :
MDL-WATER-QT3-2023-05



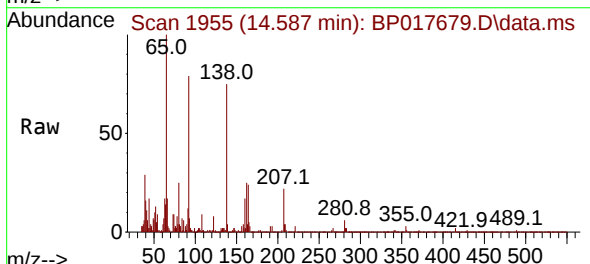
Tgt Ion:152 Resp: 8491
Ion Ratio Lower Upper
152 100
151 19.5 15.8 23.8
153 12.2 10.5 15.7

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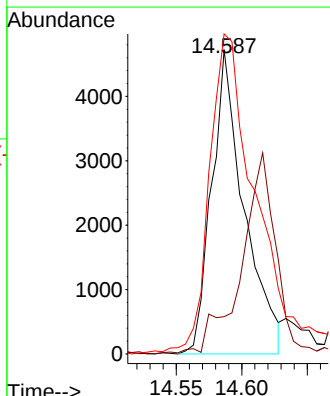
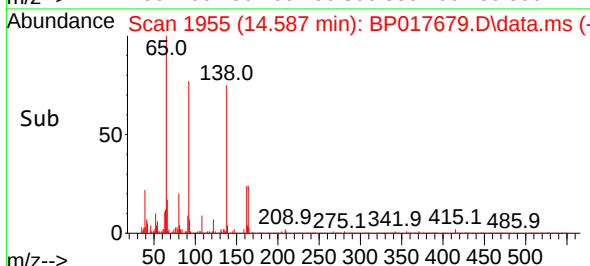
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

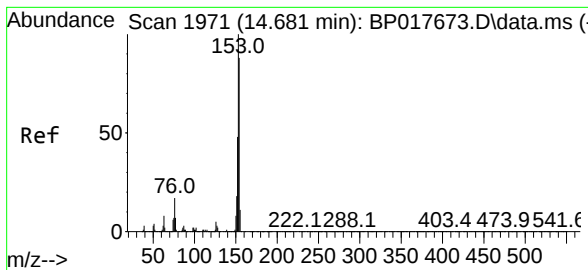


#51
3-Nitroaniline
Concen: 2.894 ng/ul
RT: 14.587 min Scan# 1955
Delta R.T. 0.024 min
Lab File: BP017679.D
Acq: 16 Oct 2023 13:23



Tgt Ion:138 Resp: 8115
Ion Ratio Lower Upper
138 100
108 12.2 8.2 12.2
92 105.2 99.0 148.6





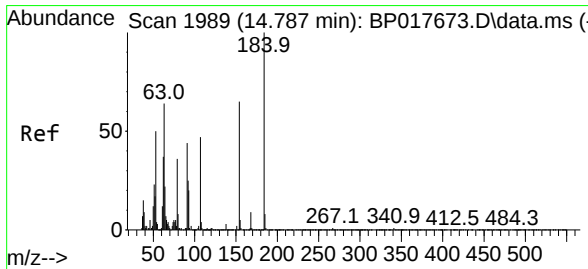
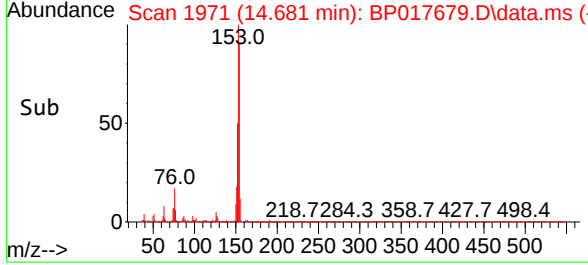
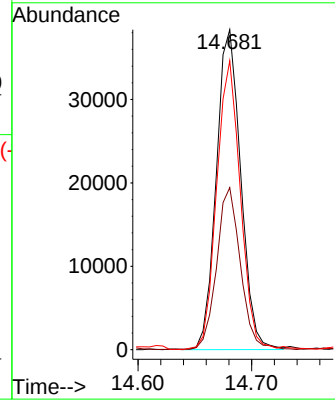
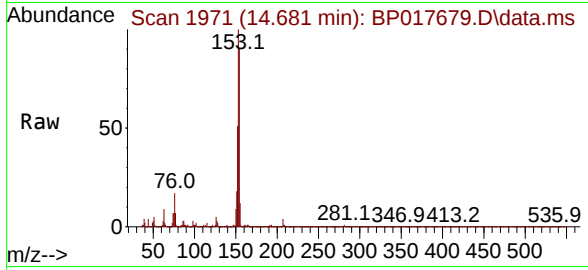
#52
Acenaphthene
Concen: 4.653 ng/ul
RT: 14.681 min Scan# 1971
Delta R.T. 0.012 min
Lab File: BP017679.D
Acq: 16 Oct 2023 13:23

Instrument : BNA_P
ClientSampleId : MDL-WATER-QT3-2023-05

Tgt Ion:	153	Resp:	5734
Ion Ratio	Lower	Upper	
153	100		
152	50.7	38.9	58.3
154	90.3	71.6	107.4

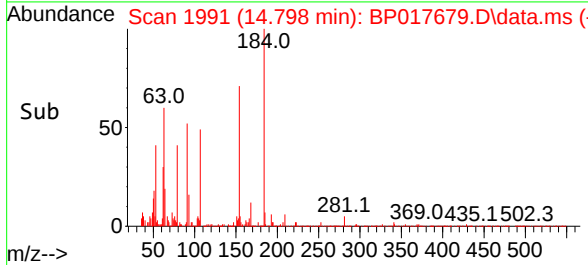
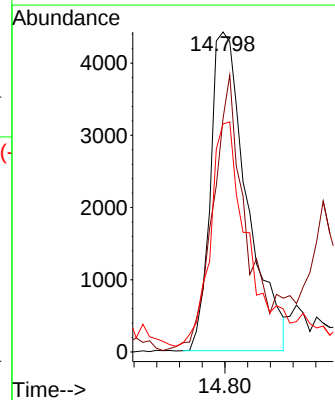
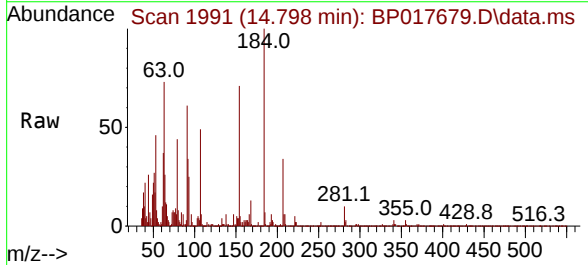
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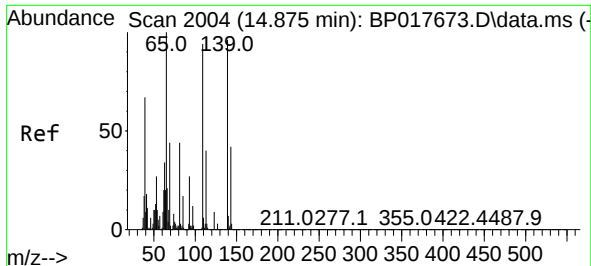
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#53
2,4-Dinitrophenol
Concen: 5.741 ng/ul
RT: 14.798 min Scan# 1991
Delta R.T. 0.023 min
Lab File: BP017679.D
Acq: 16 Oct 2023 13:23

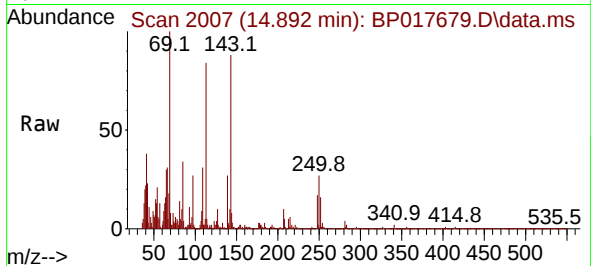
Tgt Ion:	184	Resp:	9856
Ion Ratio	Lower	Upper	
184	100		
63	73.0	61.4	92.0
154	71.3	54.8	82.2





#55
4-Nitrophenol
Concen: 4.504 ng/ul m
RT: 14.892 min Scan# 2007
Delta R.T. 0.029 min
Lab File: BP017679.D
Acq: 16 Oct 2023 13:23

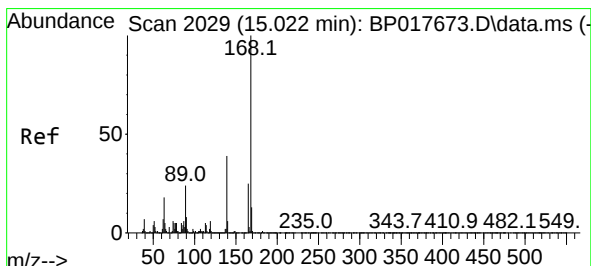
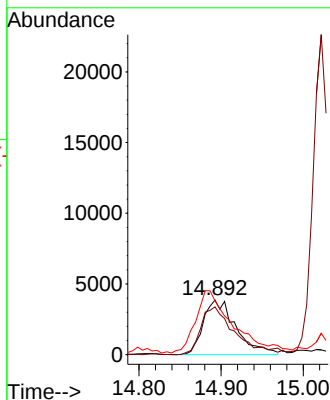
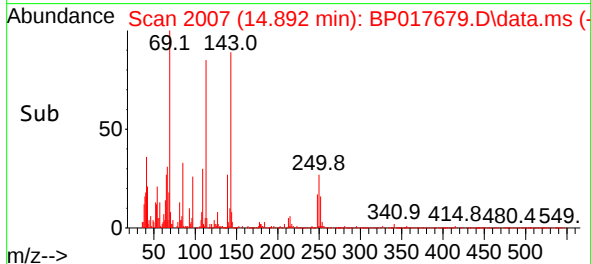
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-QT3-2023-05



Tgt Ion:109 Resp: 10734
Ion Ratio Lower Upper
109 100
139 87.7 90.5 135.7
65 98.9 95.7 143.5

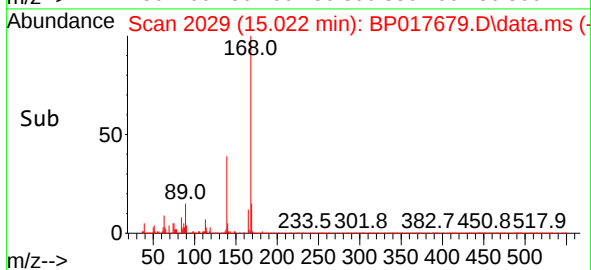
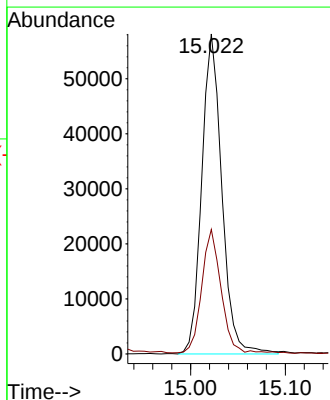
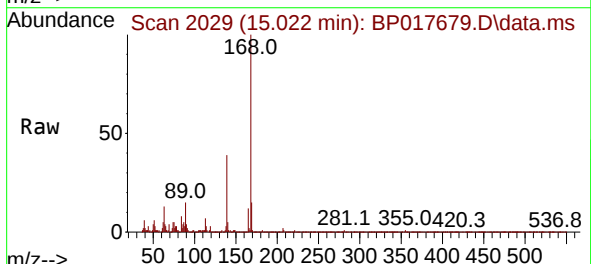
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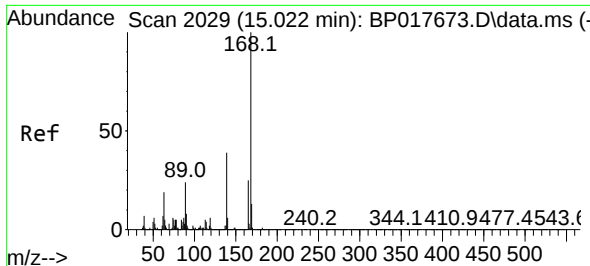
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#56
Dibenzofuran
Concen: 4.840 ng/ul
RT: 15.022 min Scan# 2029
Delta R.T. 0.012 min
Lab File: BP017679.D
Acq: 16 Oct 2023 13:23

Tgt Ion:168 Resp: 85579
Ion Ratio Lower Upper
168 100
139 38.9 30.5 45.7





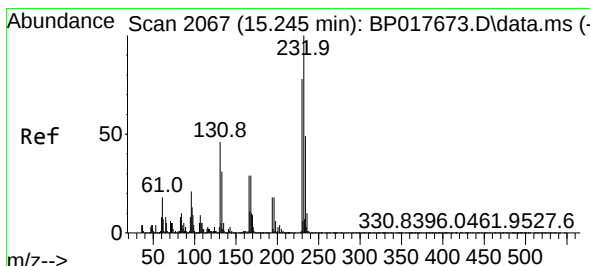
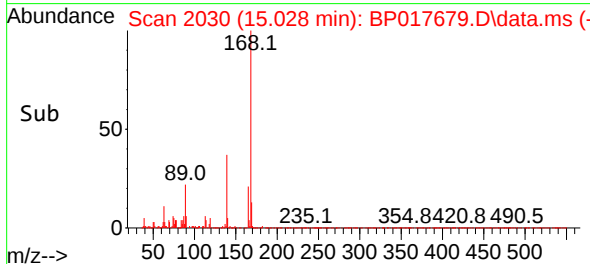
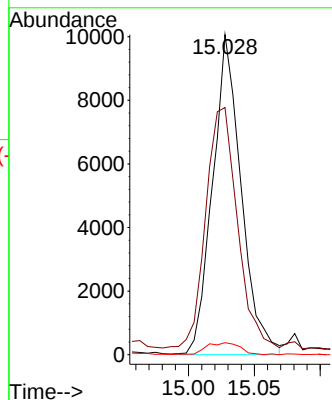
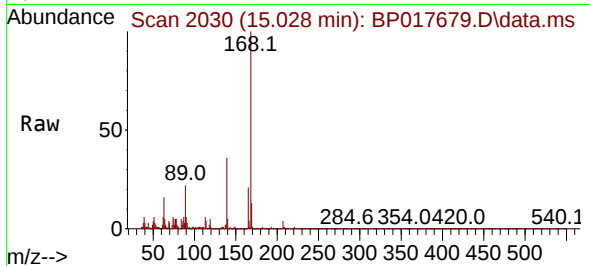
#57
2,4-Dinitrotoluene
Concen: 3.542 ng/ul m
RT: 15.028 min Scan# 2029
Delta R.T. 0.018 min
Lab File: BP017679.D
Acq: 16 Oct 2023 13:23

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-QT3-2023-05

Tgt Ion:165 Resp: 1520
Ion Ratio Lower Upper
165 100
63 77.2 52.7 79.1
182 3.8 2.2 3.4

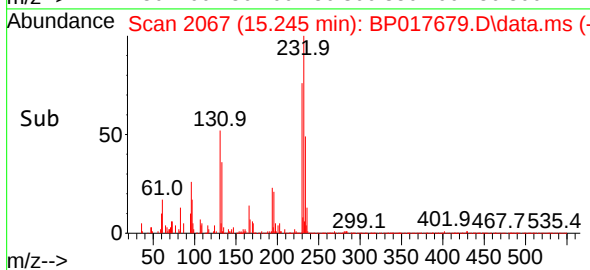
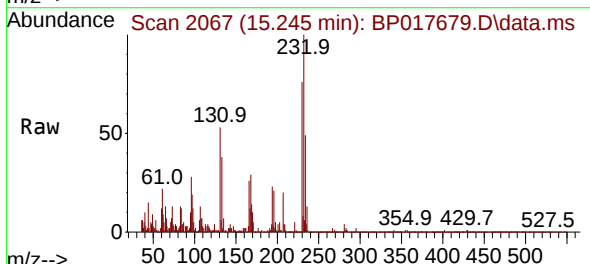
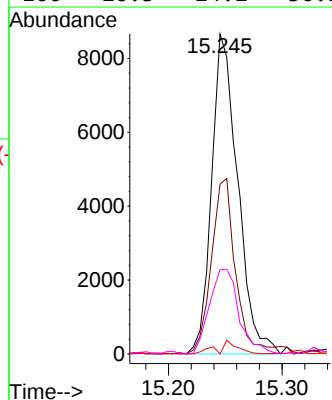
Manual Integrations
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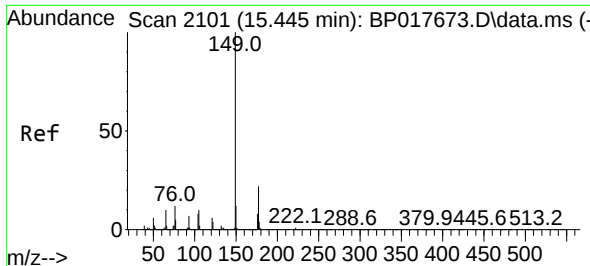
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#58
2,3,4,6-Tetrachlorophenol
Concen: 3.582 ng/ul
RT: 15.245 min Scan# 2067
Delta R.T. 0.012 min
Lab File: BP017679.D
Acq: 16 Oct 2023 13:23

Tgt Ion:232 Resp: 13801
Ion Ratio Lower Upper
232 100
131 53.0 33.6 50.4#
130 0.0 2.0 3.0#
166 26.3 24.2 36.2





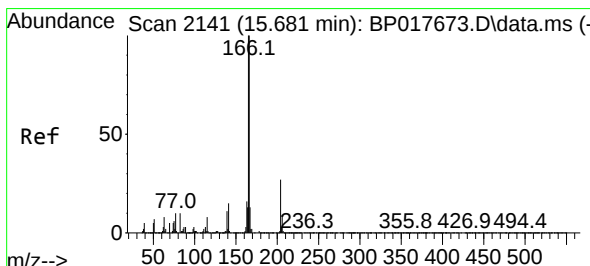
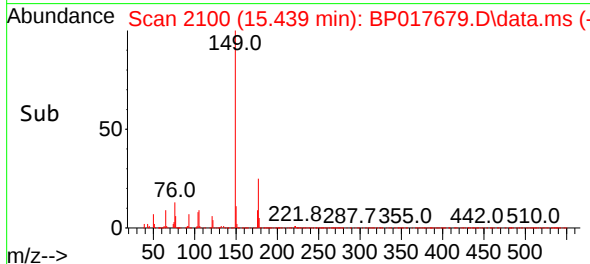
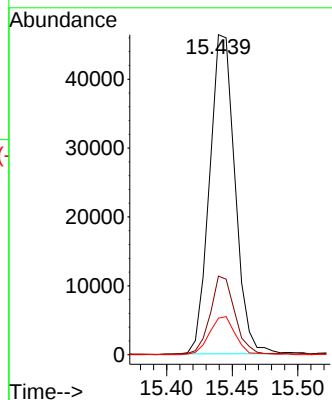
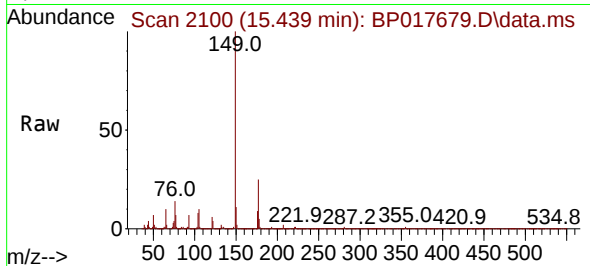
#59
Diethylphthalate
Concen: 4.154 ng/ul
RT: 15.439 min Scan# 2100
Delta R.T. 0.006 min
Lab File: BP017679.D
Acq: 16 Oct 2023 13:23

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-QT3-2023-05

Tgt Ion:149 Resp: 62590
Ion Ratio Lower Upper
149 100
177 24.6 17.9 26.9
150 11.4 10.1 15.1

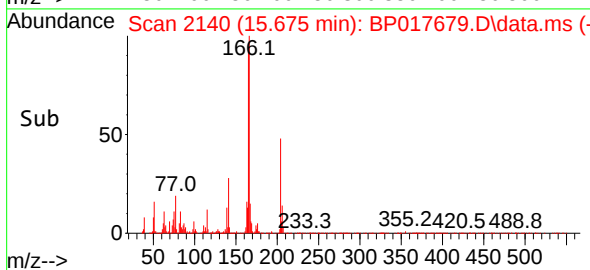
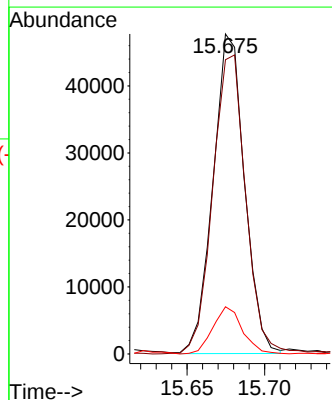
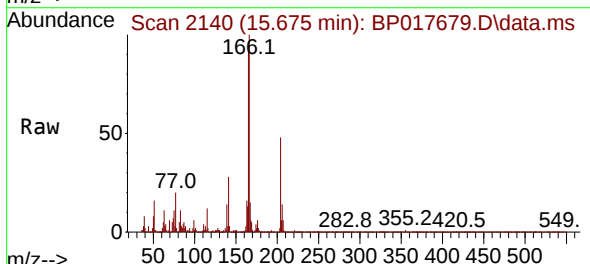
Manual Integrations
APPROVED

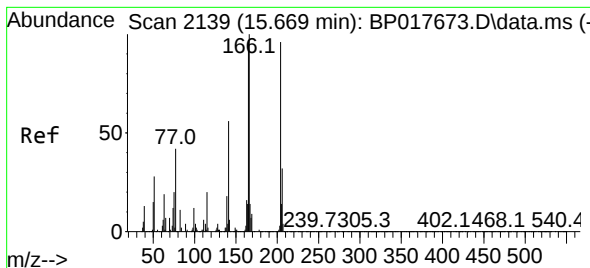
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#61
Fluorene
Concen: 4.621 ng/ul
RT: 15.675 min Scan# 2140
Delta R.T. 0.006 min
Lab File: BP017679.D
Acq: 16 Oct 2023 13:23

Tgt Ion:166 Resp: 67363
Ion Ratio Lower Upper
166 100
165 91.9 79.6 119.4
167 14.8 11.1 16.7





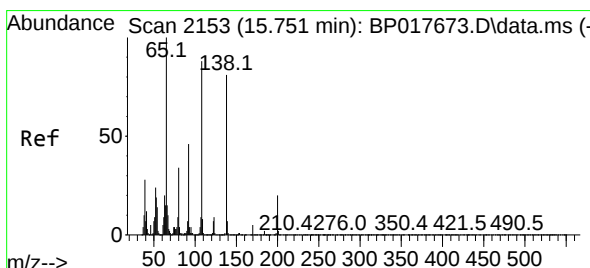
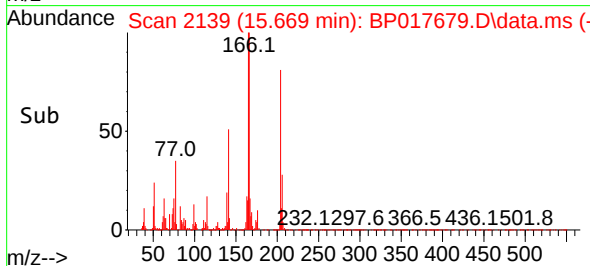
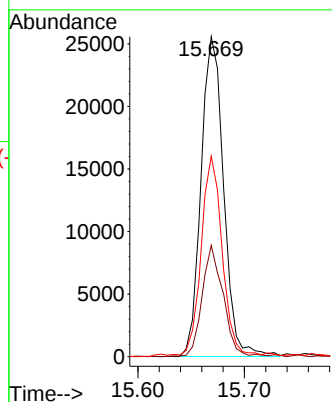
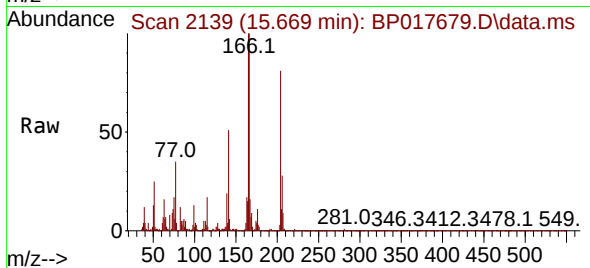
#62
4-Chlorophenyl-phenylether
Concen: 4.861 ng/ul
RT: 15.669 min Scan# 2139
Delta R.T. 0.006 min
Lab File: BP017679.D
Acq: 16 Oct 2023 13:23

Instrument : BNA_P
ClientSampleId : MDL-WATER-QT3-2023-05

Tgt Ion: 204 Resp: 3767
Ion Ratio Lower Upper
204 100
206 34.8 26.6 40.0
141 62.7 43.9 65.9

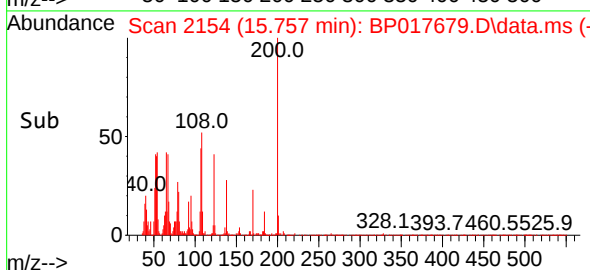
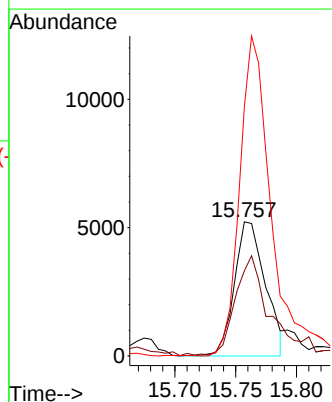
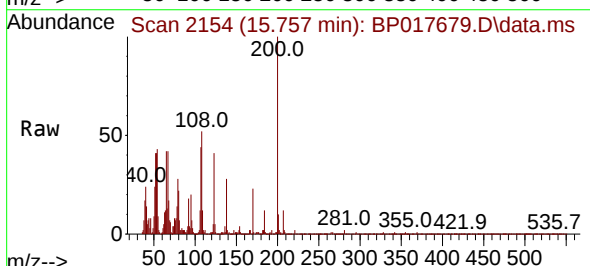
Manual Integrations
APPROVED

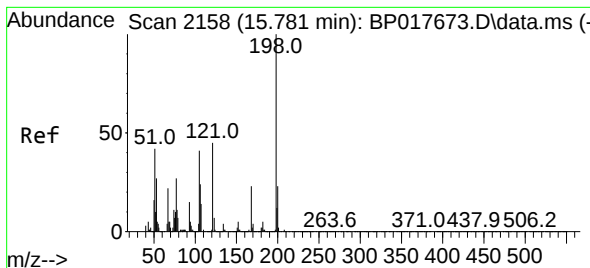
Reviewed By : Yogesh Patel 10/17/2023
Supervised By : mohammad ahmed 10/18/2023



#63
4-Nitroaniline
Concen: 3.309 ng/ul
RT: 15.757 min Scan# 2154
Delta R.T. 0.018 min
Lab File: BP017679.D
Acq: 16 Oct 2023 13:23

Tgt Ion: 138 Resp: 9219
Ion Ratio Lower Upper
138 100
92 63.5 43.0 64.6
108 185.8 82.2 123.4





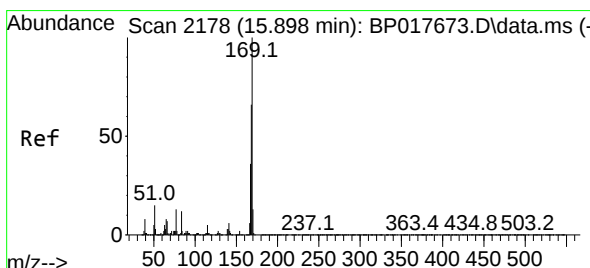
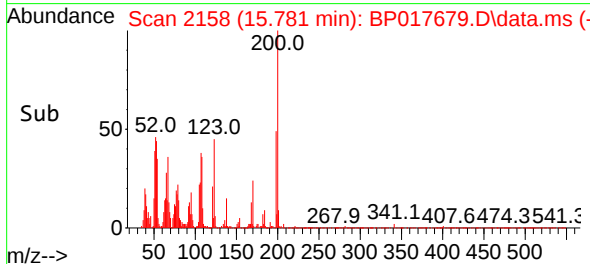
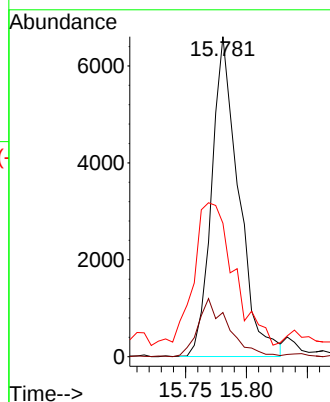
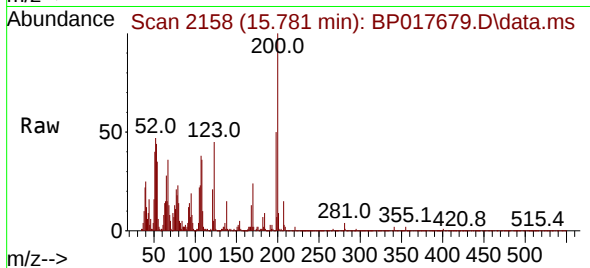
#66
4,6-Dinitro-2-methylphenol
Concen: 3.397 ng/ul
RT: 15.781 min Scan# 2158
Delta R.T. 0.012 min
Lab File: BP017679.D
Acq: 16 Oct 2023 13:23

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-QT3-2023-05

Tgt Ion:198 Resp: 10214
Ion Ratio Lower Upper
198 100
182 13.8 3.4 5.0
77 41.7 23.0 34.6

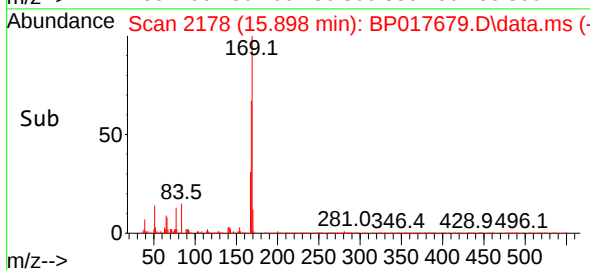
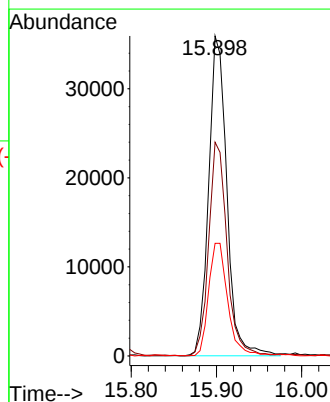
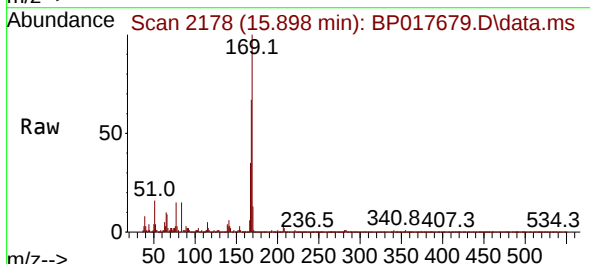
Manual Integrations
APPROVED

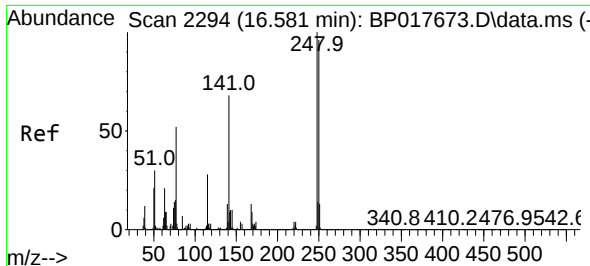
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#67
N-Nitrosodiphenylamine
Concen: 4.391 ng/ul
RT: 15.898 min Scan# 2178
Delta R.T. 0.006 min
Lab File: BP017679.D
Acq: 16 Oct 2023 13:23

Tgt Ion:169 Resp: 53296
Ion Ratio Lower Upper
169 100
168 66.8 53.3 79.9
167 35.2 29.6 44.4





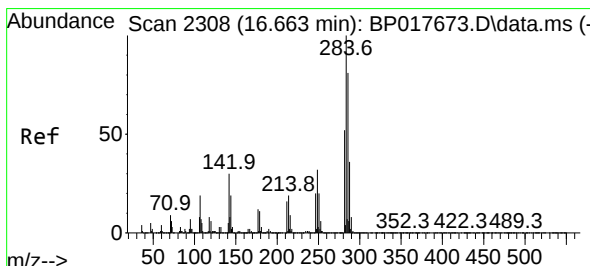
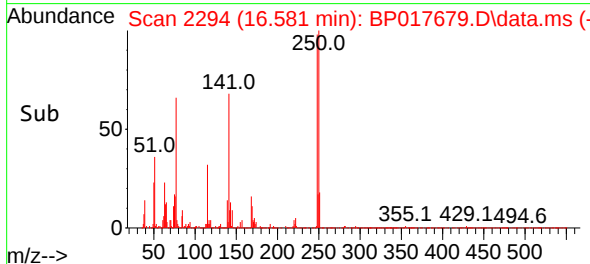
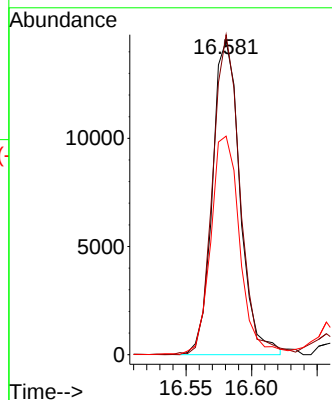
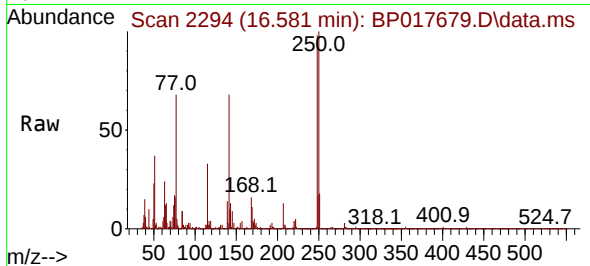
#68
4-Bromophenyl-phenylether
Concen: 4.322 ng/ul
RT: 16.581 min Scan# 2116
Delta R.T. 0.012 min
Lab File: BP017679.D
Acq: 16 Oct 2023 13:23

Instrument : BNA_P
ClientSampleId : MDL-WATER-QT3-2023-05

Tgt Ion	Ratio	Lower	Upper
248	100		
250	101.9	75.9	113.9
141	69.6	57.2	85.8

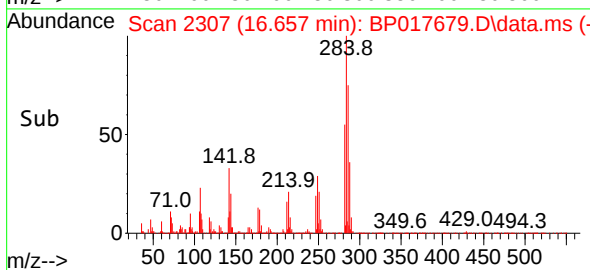
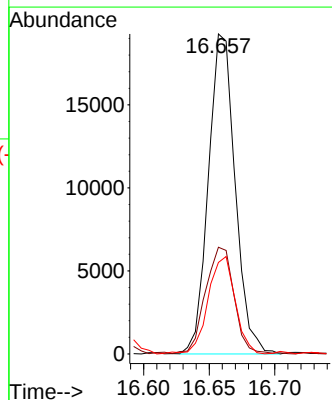
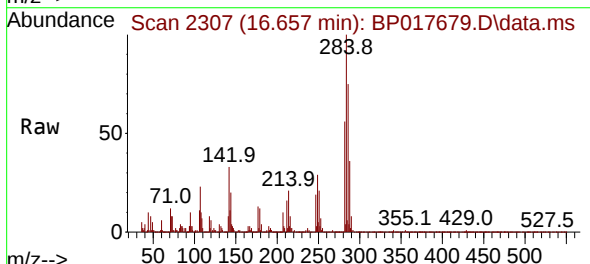
Manual Integrations
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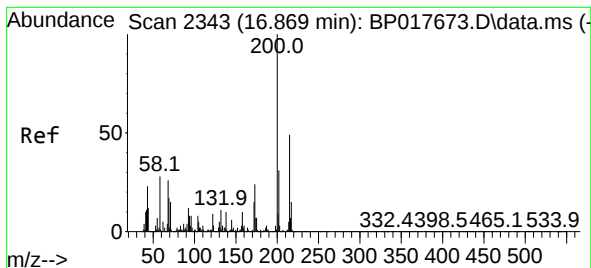
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#69
Hexachlorobenzene
Concen: 4.698 ng/ul
RT: 16.657 min Scan# 2307
Delta R.T. 0.006 min
Lab File: BP017679.D
Acq: 16 Oct 2023 13:23

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.3	25.8	38.6
249	33.6	24.9	37.3





#70

Atrazine

Concen: 3.569 ng/ul

RT: 16.863 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP017679.D

Acq: 16 Oct 2023 13:23

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-QT3-2023-05

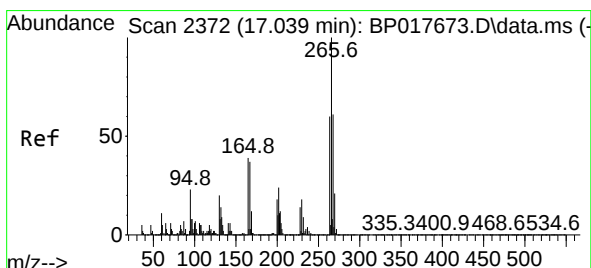
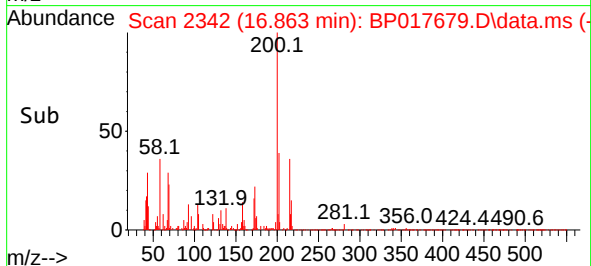
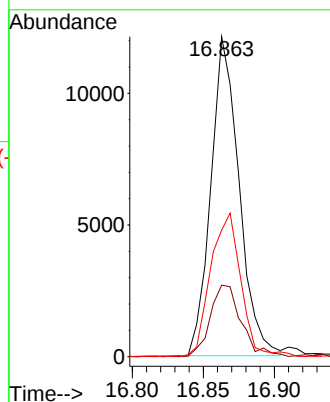
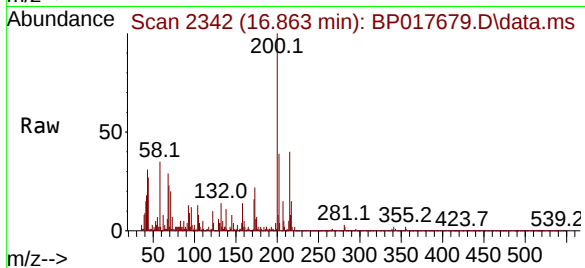
Tgt Ion:	200	Resp:	1676
Ion Ratio	Lower	Upper	
200	100		
173	22.4	19.9	29.9
215	39.5	37.8	56.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#71

Pentachlorophenol

Concen: 4.046 ng/ul

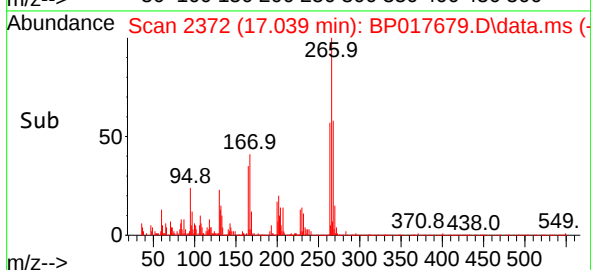
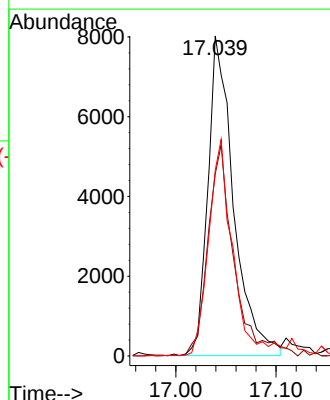
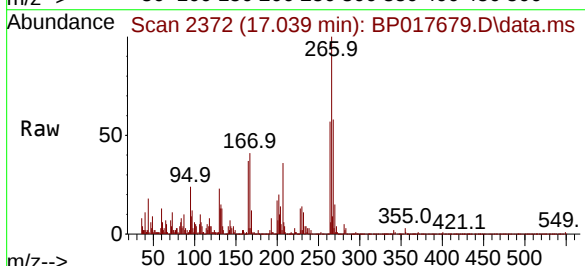
RT: 17.039 min Scan# 2372

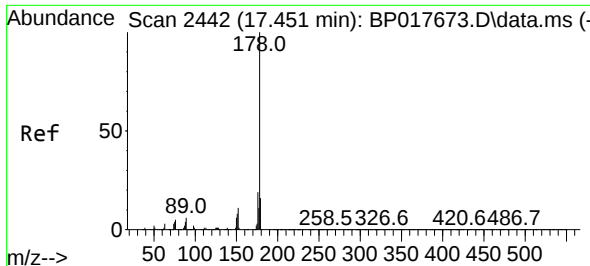
Delta R.T. 0.012 min

Lab File: BP017679.D

Acq: 16 Oct 2023 13:23

Tgt Ion:	266	Resp:	14282
Ion Ratio	Lower	Upper	
266	100		
264	62.4	49.2	73.8
268	58.1	51.8	77.6





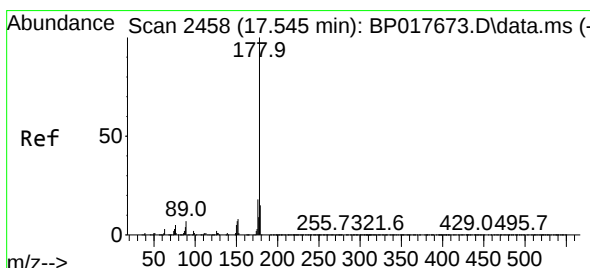
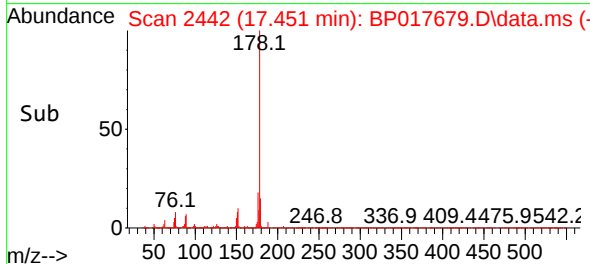
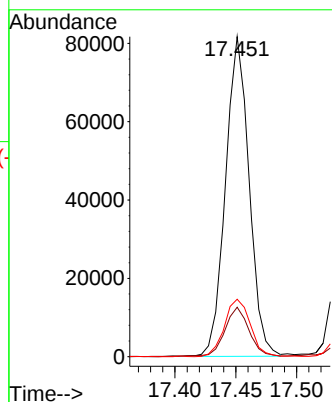
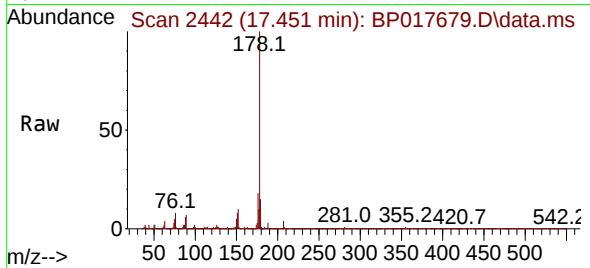
#72
Phenanthrene
Concen: 4.616 ng/ul
RT: 17.451 min Scan# 2442
Delta R.T. 0.012 min
Lab File: BP017679.D
Acq: 16 Oct 2023 13:23

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-QT3-2023-05

Tgt Ion:178 Resp: 110307
Ion Ratio Lower Upper
178 100
179 15.4 12.1 18.1
176 17.9 15.3 22.9

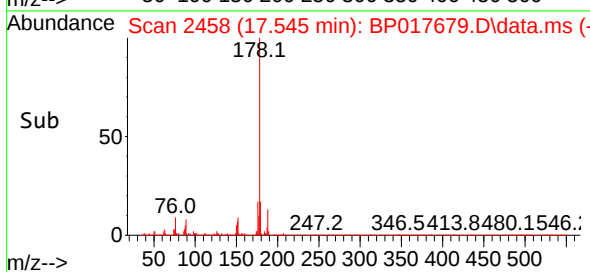
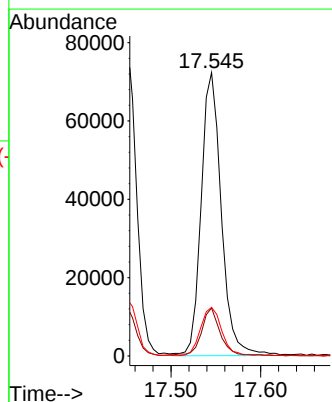
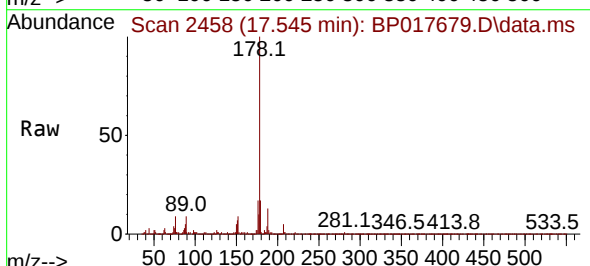
Manual Integrations
APPROVED

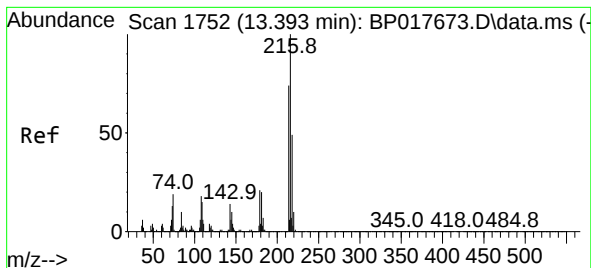
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#74
Anthracene
Concen: 4.662 ng/ul
RT: 17.545 min Scan# 2458
Delta R.T. 0.012 min
Lab File: BP017679.D
Acq: 16 Oct 2023 13:23

Tgt Ion:178 Resp: 112690
Ion Ratio Lower Upper
178 100
179 16.9 12.3 18.5
176 17.2 14.6 22.0





#75

1,2,3,4-Tetrachlorobenzene

Concen: 4.710 ng/uL

RT: 13.393 min Scan# 1752

Delta R.T. 0.012 min

Lab File: BP017679.D

Acq: 16 Oct 2023 13:23

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-QT3-2023-05

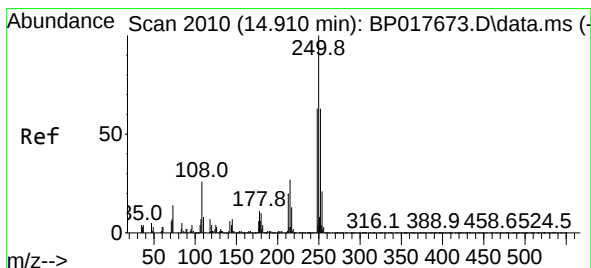
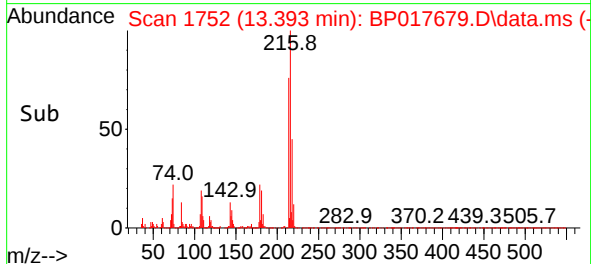
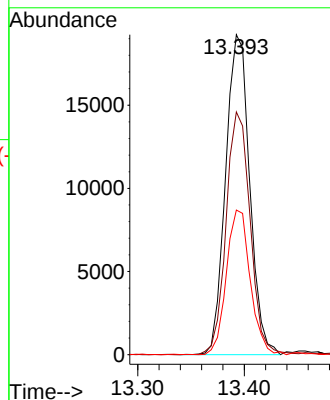
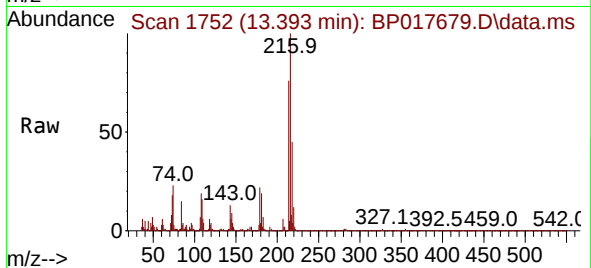
Tgt Ion:	216	Resp:	3018
Ion Ratio	Lower	Upper	
216	100		
214	75.9	62.9	94.3
218	45.2	38.6	58.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#76

Pentachlorobenzene

Concen: 5.135 ng/uL

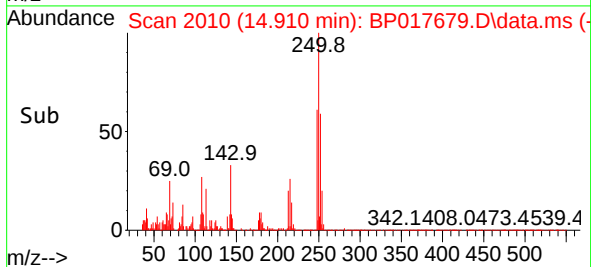
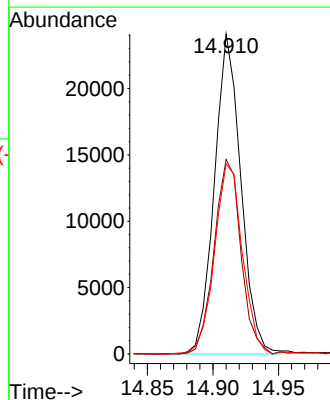
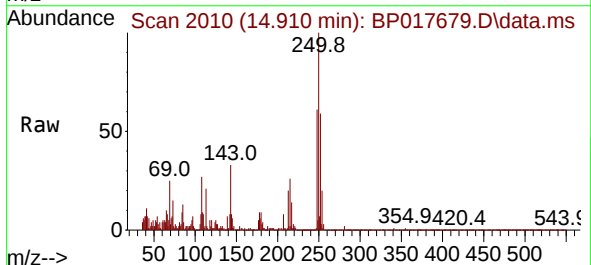
RT: 14.910 min Scan# 2010

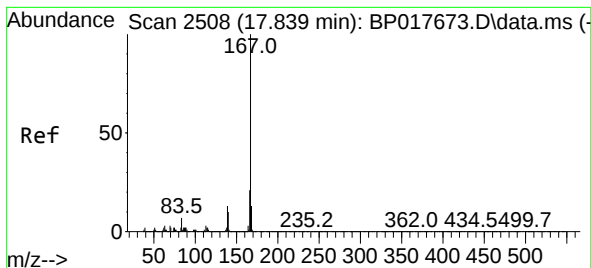
Delta R.T. 0.012 min

Lab File: BP017679.D

Acq: 16 Oct 2023 13:23

Tgt Ion:	250	Resp:	33773
Ion Ratio	Lower	Upper	
250	100		
248	60.8	50.8	76.2
252	59.5	49.9	74.9





#77

Carbazole

Concen: 3.811 ng/ul

RT: 17.845 min Scan# 2508

Delta R.T. 0.018 min

Lab File: BP017679.D

Acq: 16 Oct 2023 13:23

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-QT3-2023-05

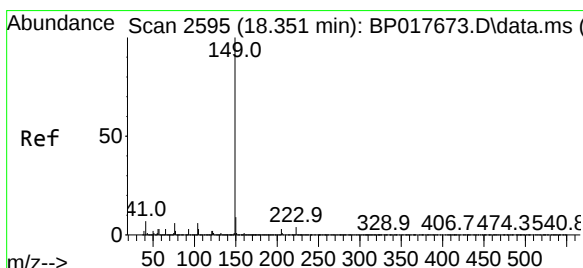
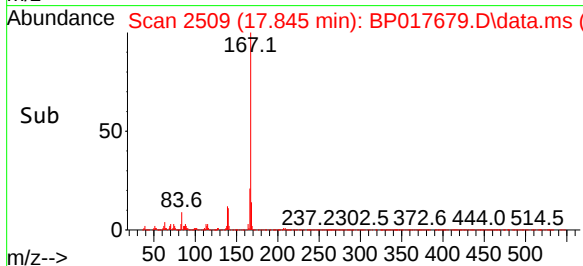
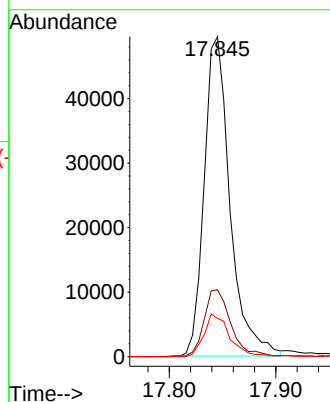
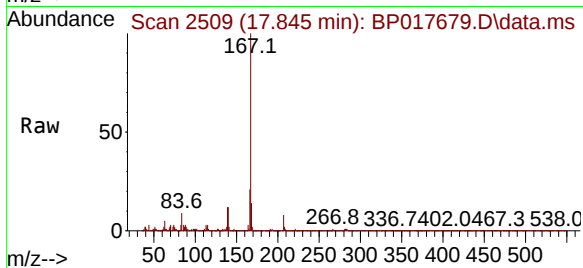
Tgt Ion:	167	Resp:	8342
Ion Ratio	Lower	Upper	
167	100		
166	20.9	17.0	25.6
139	12.0	10.2	15.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#78

Di-n-butylphthalate

Concen: 3.247 ng/ul

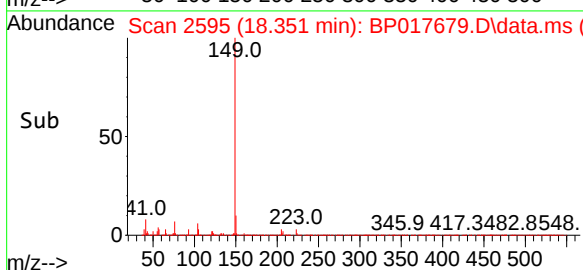
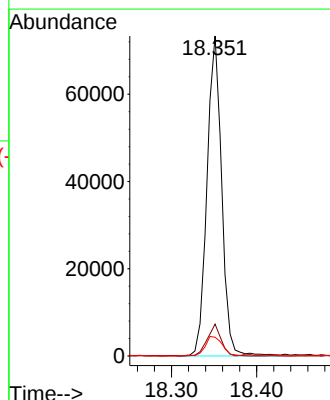
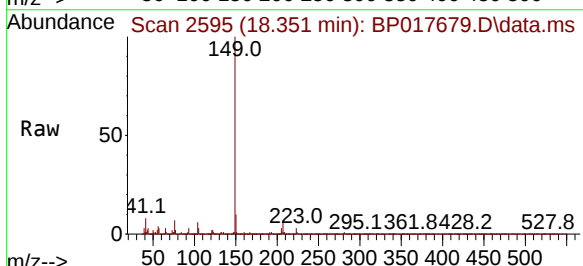
RT: 18.351 min Scan# 2595

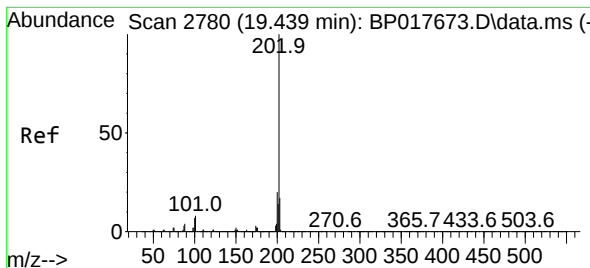
Delta R.T. 0.012 min

Lab File: BP017679.D

Acq: 16 Oct 2023 13:23

Tgt Ion:	149	Resp:	87522
Ion Ratio	Lower	Upper	
149	100		
150	9.9	7.4	11.0
104	5.8	4.6	6.8





#80

Fluoranthene

Concen: 4.214 ng/ul

RT: 19.439 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP017679.D

Acq: 16 Oct 2023 13:23

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-QT3-2023-05

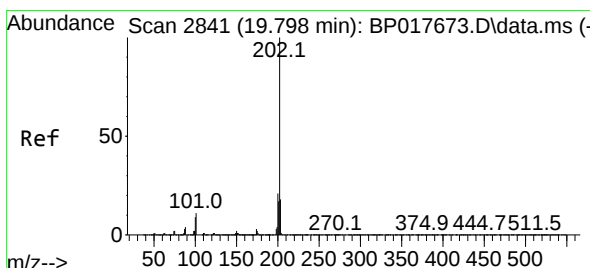
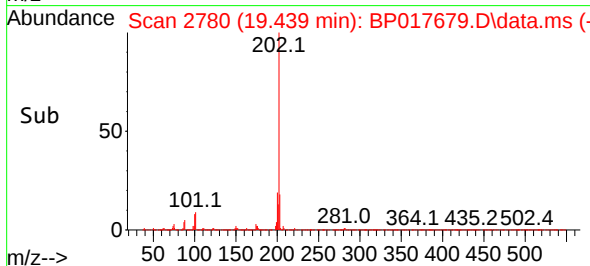
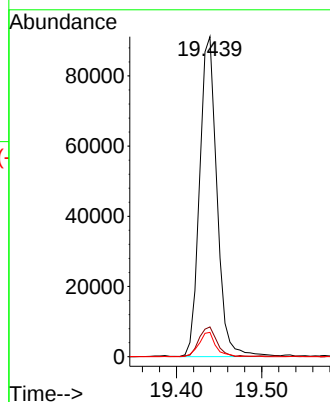
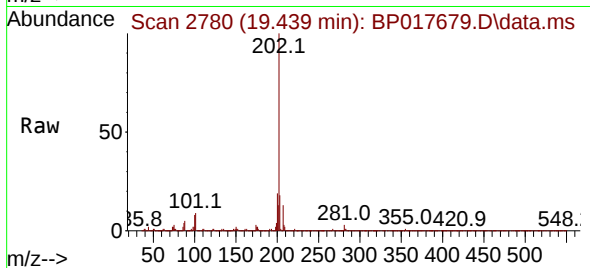
Tgt Ion:	202	Resp:	12898
Ion Ratio	Lower	Upper	
202	100		
101	9.3	7.0	10.6
100	7.6	5.8	8.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#82

Pyrene

Concen: 4.566 ng/ul

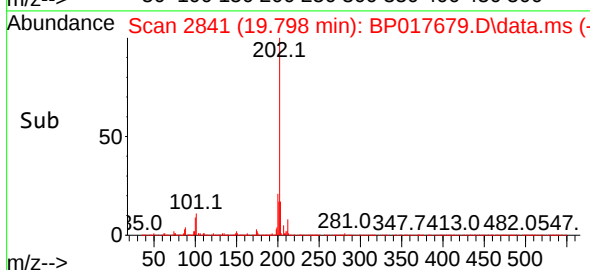
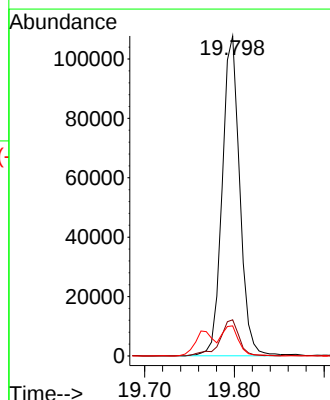
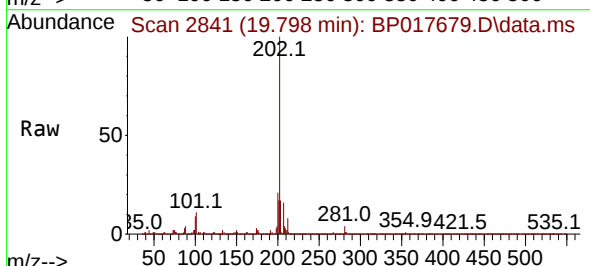
RT: 19.798 min Scan# 2841

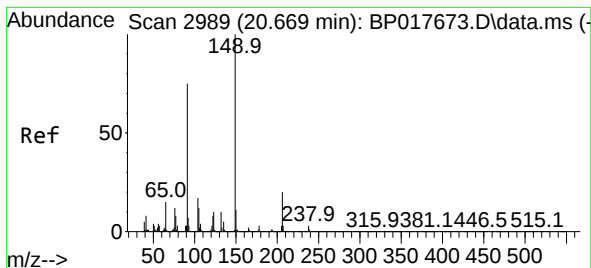
Delta R.T. 0.012 min

Lab File: BP017679.D

Acq: 16 Oct 2023 13:23

Tgt Ion:	202	Resp:	146031
Ion Ratio	Lower	Upper	
202	100		
101	11.3	8.8	13.2
100	9.4	7.4	11.0





#83

Butylbenzylphthalate

Concen: 2.890 ng/ul

RT: 20.669 min Scan# 2989

Delta R.T. 0.012 min

Lab File: BP017679.D

Acq: 16 Oct 2023 13:23

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-QT3-2023-05

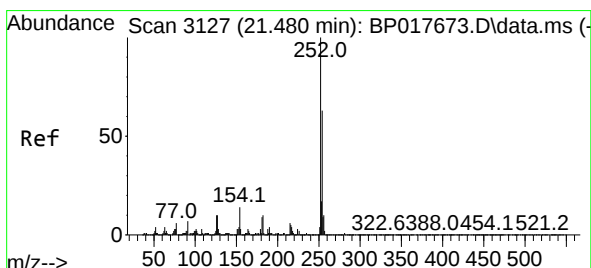
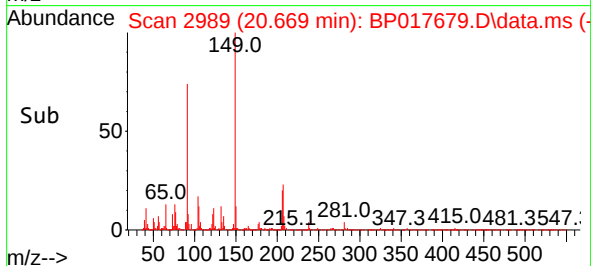
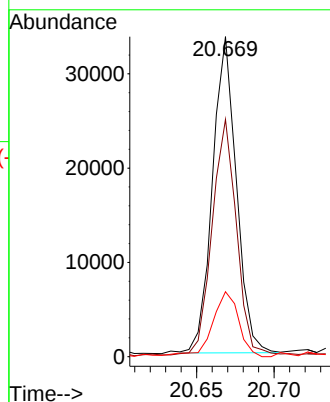
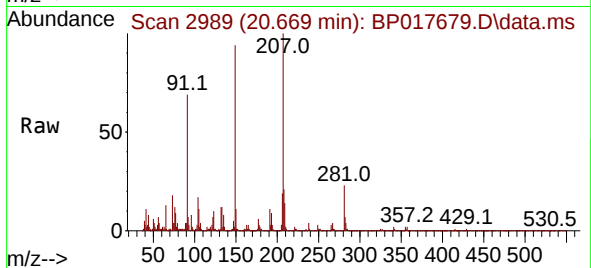
Tgt Ion:	149	Resp:	3595
Ion Ratio	Lower	Upper	
149	100		
91	74.2	59.6	89.4
206	20.3	17.2	25.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#84

3,3'-Dichlorobenzidine

Concen: 4.398 ng/ul

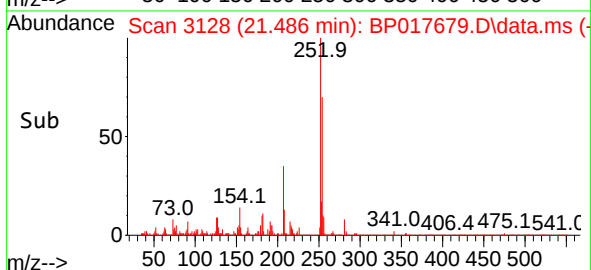
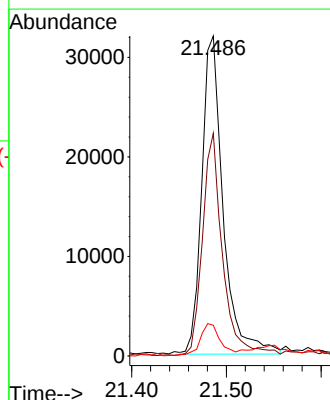
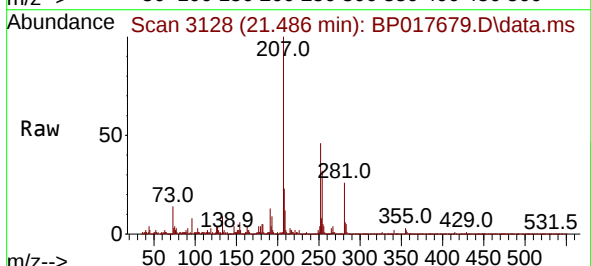
RT: 21.486 min Scan# 3128

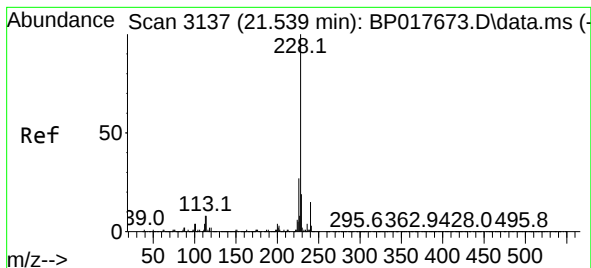
Delta R.T. 0.018 min

Lab File: BP017679.D

Acq: 16 Oct 2023 13:23

Tgt Ion:	252	Resp:	50136
Ion Ratio	Lower	Upper	
252	100		
254	69.6	51.8	77.6
126	9.6	8.1	12.1





#85

Benzo(a)anthracene

Concen: 4.247 ng/ul

RT: 21.533 min Scan# 3137

Delta R.T. 0.006 min

Lab File: BP017679.D

Acq: 16 Oct 2023 13:23

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-QT3-2023-05

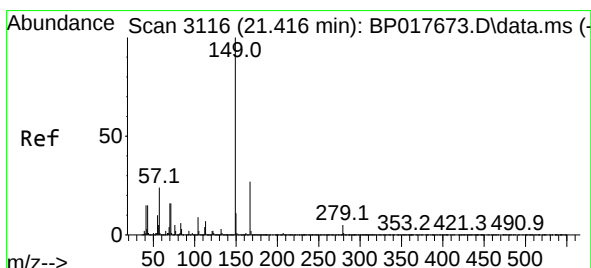
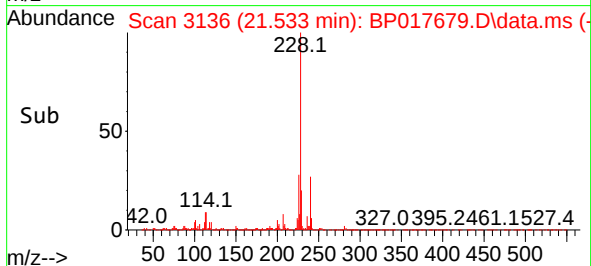
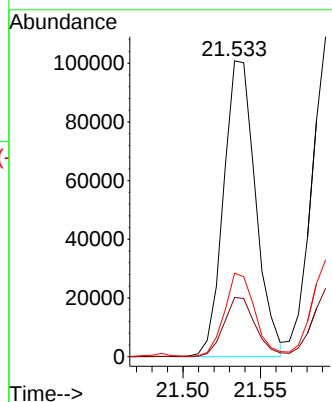
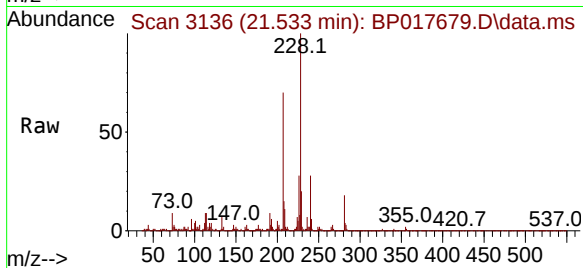
Tgt Ion:	228	Resp:	144934
Ion Ratio	Lower	Upper	
228	100		
229	20.0	15.4	23.2
226	28.2	21.4	32.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#86

Bis(2-ethylhexyl)phthalate

Concen: 2.456 ng/ul

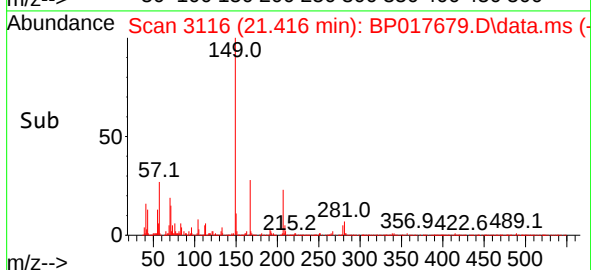
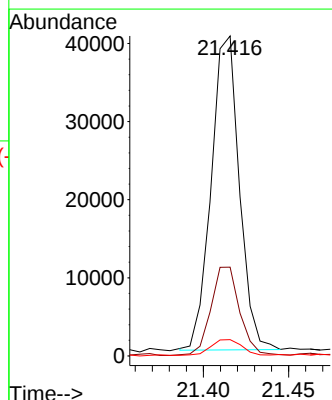
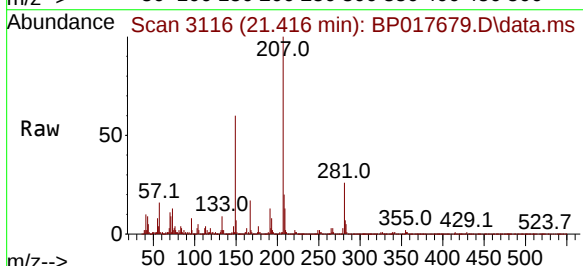
RT: 21.416 min Scan# 3116

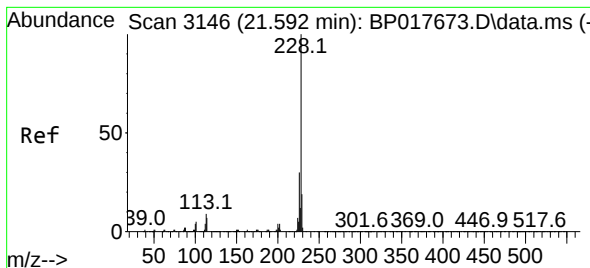
Delta R.T. 0.012 min

Lab File: BP017679.D

Acq: 16 Oct 2023 13:23

Tgt Ion:	149	Resp:	46208
Ion Ratio	Lower	Upper	
149	100		
167	27.7	21.7	32.5
279	5.1	3.7	5.5





#87

Chrysene

Concen: 4.739 ng/ul

RT: 21.592 min Scan# 3146

Delta R.T. 0.012 min

Lab File: BP017679.D

Acq: 16 Oct 2023 13:23

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-QT3-2023-05

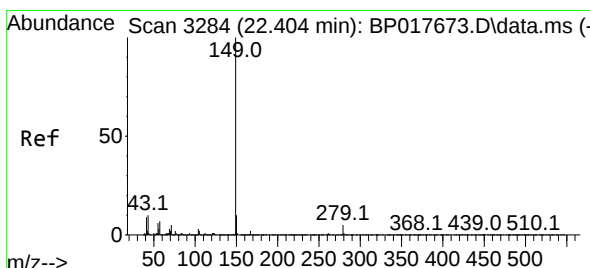
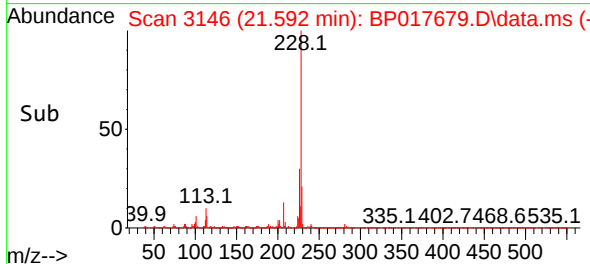
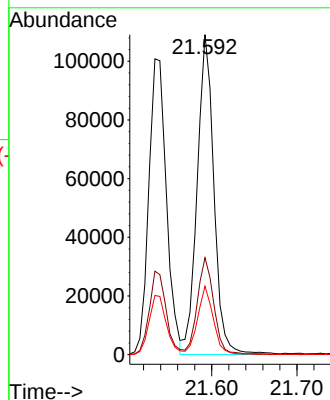
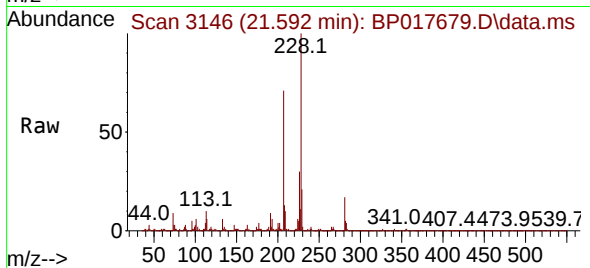
Tgt Ion:228 Resp: 149240
 Ion Ratio Lower Upper
 228 100
 226 30.3 24.2 36.4
 229 21.4 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#89

Di-n-octyl phthalate

Concen: 2.495 ng/ul

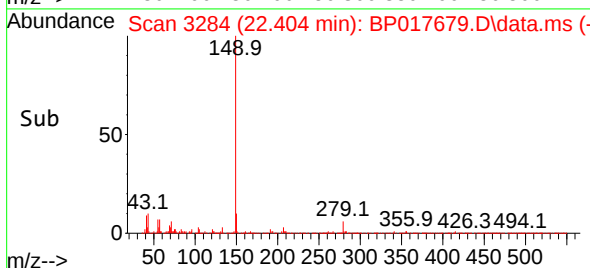
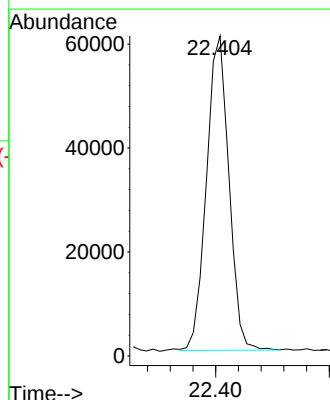
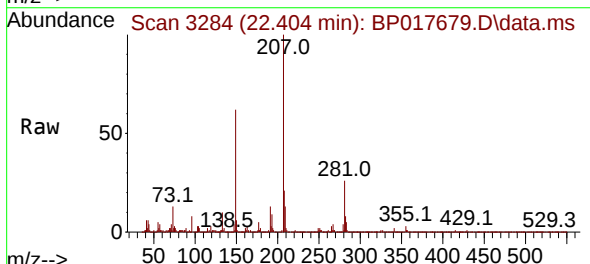
RT: 22.404 min Scan# 3284

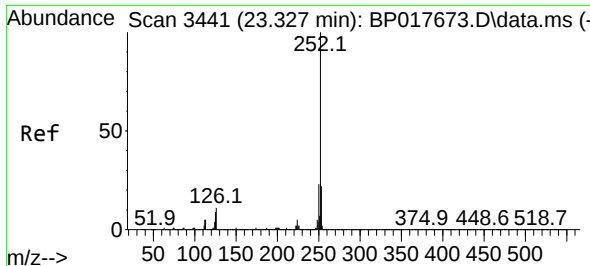
Delta R.T. 0.018 min

Lab File: BP017679.D

Acq: 16 Oct 2023 13:23

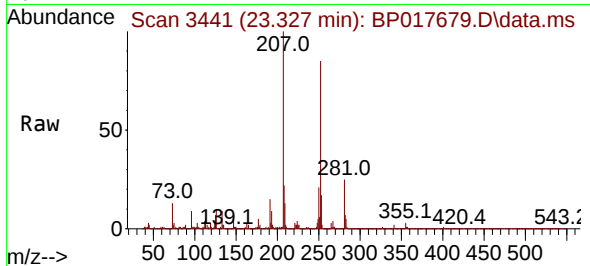
Tgt Ion:149 Resp: 82908





#90
Benzo(b)fluoranthene
Concen: 4.433 ng/ul
RT: 23.327 min Scan# 3441
Delta R.T. 0.018 min
Lab File: BP017679.D
Acq: 16 Oct 2023 13:23

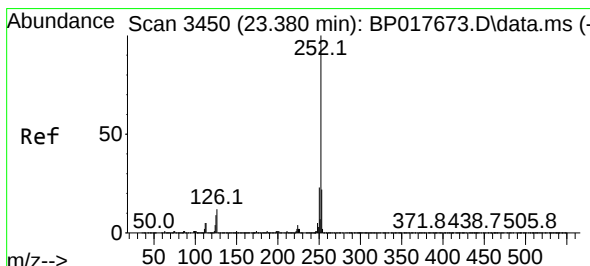
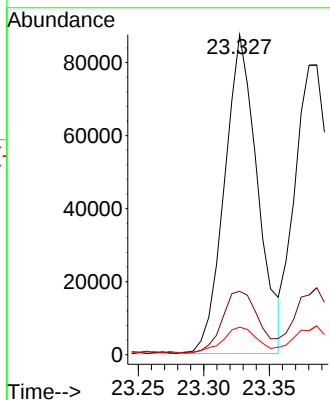
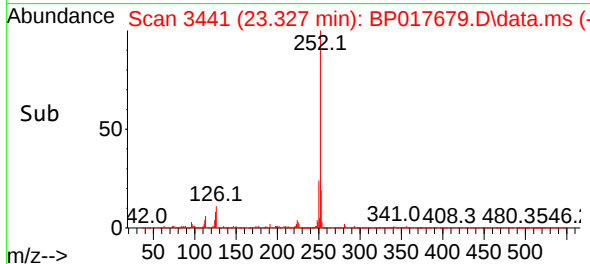
Instrument : BNA_P
ClientSampleId :
MDL-WATER-QT3-2023-05



Tgt Ion:252 Resp: 15359
Ion Ratio Lower Upper
252 100
253 19.8 17.3 25.9
125 8.6 6.9 10.3

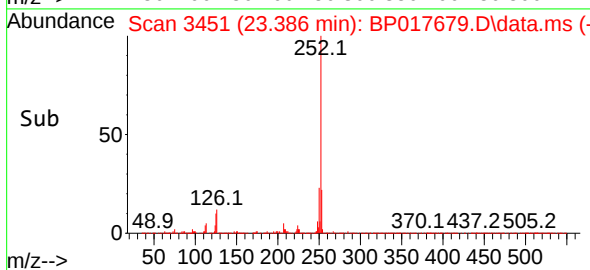
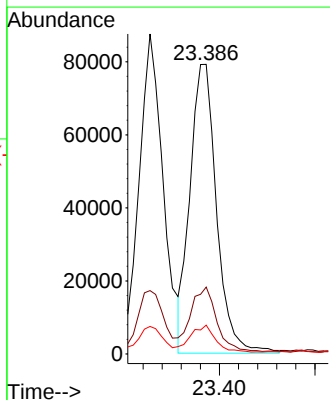
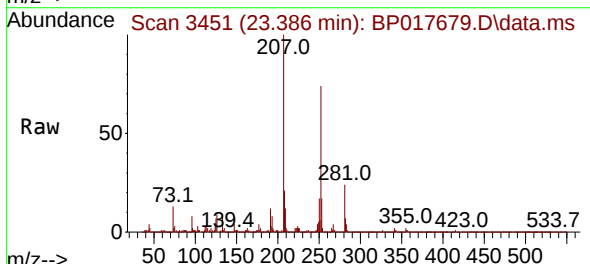
Manual Integrations
APPROVED

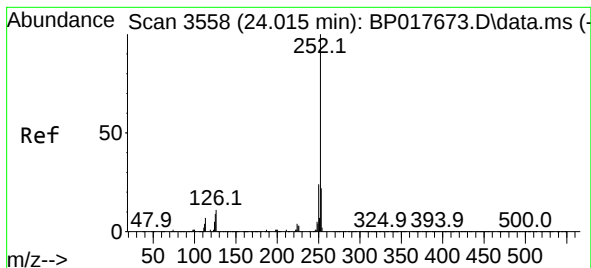
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#91
Benzo(k)fluoranthene
Concen: 4.446 ng/ul m
RT: 23.386 min Scan# 3451
Delta R.T. 0.018 min
Lab File: BP017679.D
Acq: 16 Oct 2023 13:23

Tgt Ion:252 Resp: 153272
Ion Ratio Lower Upper
252 100
253 23.1 17.4 26.0
125 9.9 6.3 9.5#





#93

Benzo(a)pyrene

Concen: 4.112 ng/ul

RT: 24.010 min Scan# 3558

Delta R.T. 0.012 min

Lab File: BP017679.D

Acq: 16 Oct 2023 13:23

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-QT3-2023-05

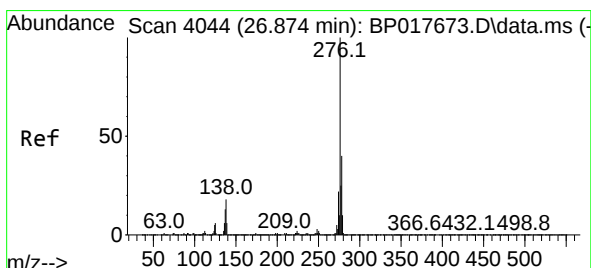
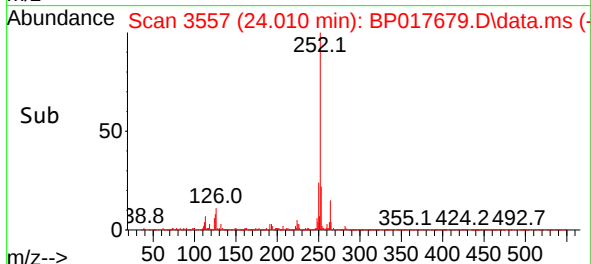
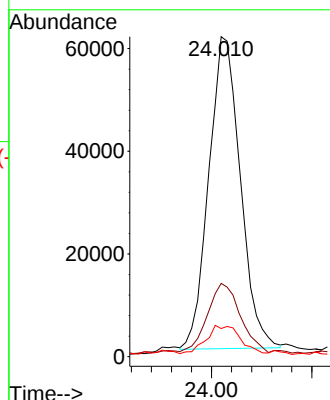
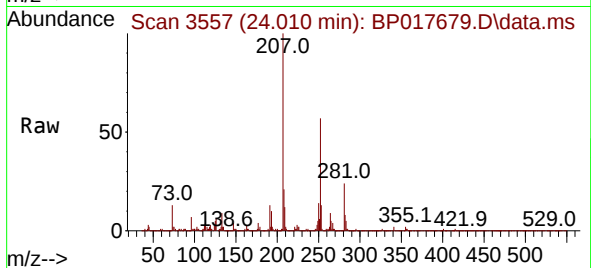
Tgt Ion:	252	Resp:	132684
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.4	26.0
125	8.8	7.3	10.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.422 ng/ul

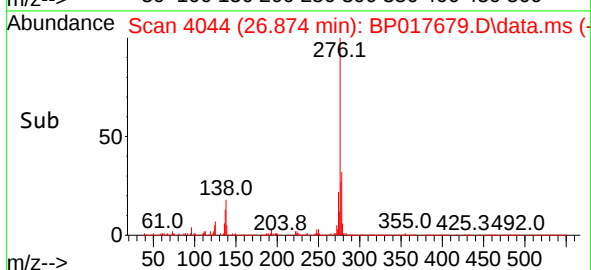
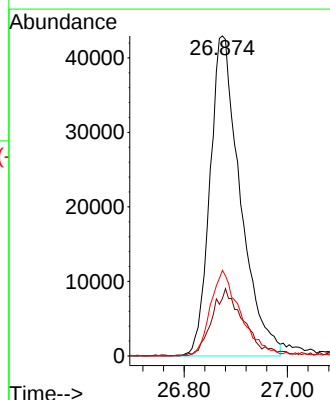
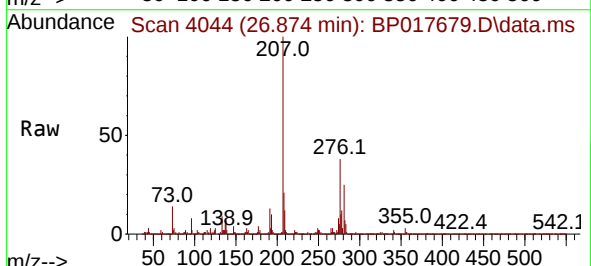
RT: 26.874 min Scan# 4044

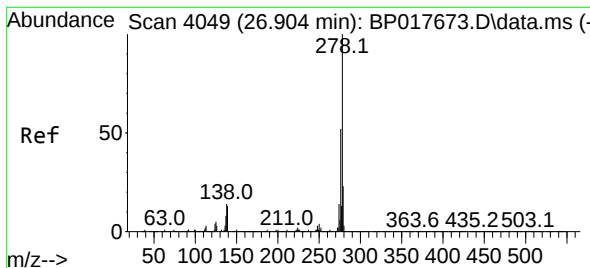
Delta R.T. 0.035 min

Lab File: BP017679.D

Acq: 16 Oct 2023 13:23

Tgt Ion:	276	Resp:	174966
Ion Ratio	Lower	Upper	
276	100		
138	17.9	14.6	21.8
277	26.7	19.3	28.9





#95

Dibenzo(a,h)anthracene

Concen: 4.447 ng/ul

RT: 26.909 min Scan# 4049

Delta R.T. 0.041 min

Lab File: BP017679.D

Acq: 16 Oct 2023 13:23

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-QT3-2023-05

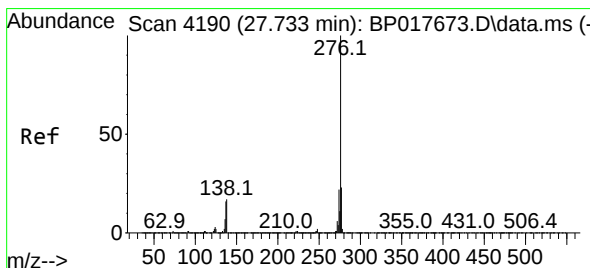
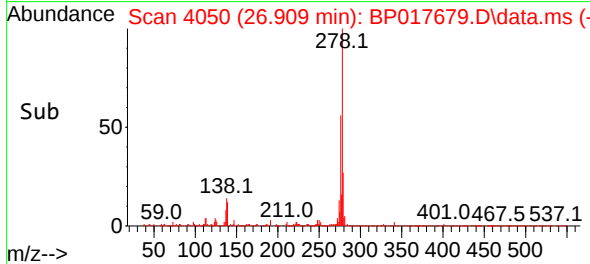
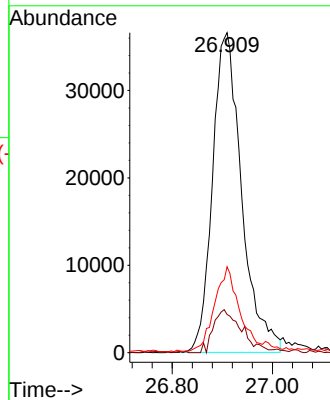
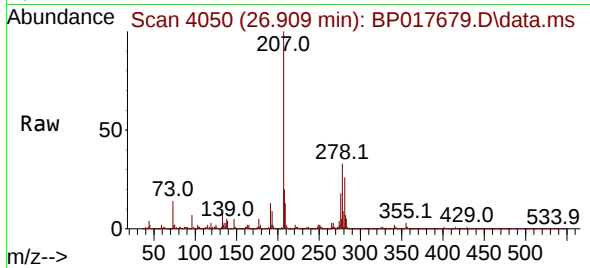
Tgt Ion:	278	Resp:	14747
Ion Ratio	Lower	Upper	
278	100		
139	11.9	10.8	16.2
279	26.9	19.8	29.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#96

Benzo(g,h,i)perylene

Concen: 4.658 ng/ul

RT: 27.733 min Scan# 4190

Delta R.T. 0.035 min

Lab File: BP017679.D

Acq: 16 Oct 2023 13:23

Tgt Ion:	276	Resp:	146552
Ion Ratio	Lower	Upper	
276	100		
138	17.0	14.1	21.1
277	24.1	18.7	28.1

