

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE103024\
 Data File : BE101420.D
 Acq On : 30 Oct 2024 12:23
 Operator : RC/JU
 Sample : P4368-09
 Misc : MDL-MDL-WATER 4 PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MDL-WATER-03-QT4-2024

Quant Time: Oct 30 13:09:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 29 01:26:30 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/05/2024
 Supervised By :mohammad ahmed 11/06/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.570	152	223074	20.000	ng	0.00
21) Naphthalene-d8	10.337	136	1131479	20.000	ng	0.00
39) Acenaphthene-d10	14.180	164	847490	20.000	ng	0.00
64) Phenanthrene-d10	16.917	188	1907256	20.000	ng	0.00
76) Chrysene-d12	21.071	240	2123448	20.000	ng	0.00
86) Perylene-d12	23.363	264	2619541	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.319	112	1302183	102.311	ng	0.00
7) Phenol-d6	6.947	99	1873346	106.149	ng	0.00
23) Nitrobenzene-d5	8.786	82	1350833	74.986	ng	0.00
42) 2,4,6-Tribromophenol	15.689	330	1590479	107.076	ng	0.00
45) 2-Fluorobiphenyl	12.805	172	3437252	68.687	ng	0.00
79) Terphenyl-d14	19.514	244	4993505	54.123	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.222	88	16751m	3.529	ng	
3) Pyridine	3.774	79	37753m	2.811	ng	
4) n-Nitrosodimethylamine	3.627	42	18562m	3.572	ng	
6) Aniline	7.017	93	64702	4.784	ng	100
8) 2-Chlorophenol	7.217	128	55177	3.615	ng	95
9) Benzaldehyde	6.788	77	41994	4.929	ng	98
10) Phenol	6.970	94	71912m	3.755	ng	
11) bis(2-Chloroethyl)ether	7.047	93	47914	3.050	ng	99
12) 1,3-Dichlorobenzene	7.458	146	57800	3.511	ng	97
13) 1,4-Dichlorobenzene	7.605	146	59457	3.537	ng	99
14) 1,2-Dichlorobenzene	7.934	146	58591	3.561	ng	97
15) Benzyl Alcohol	7.910	79	52117	4.954	ng	# 72
16) 2,2'-oxybis(1-Chloropr...	8.069	45	78692	3.981	ng	98
17) 2-Methylphenol	8.151	107	41342	3.190	ng	97
18) Hexachloroethane	8.627	117	18332	3.340	ng	99
19) n-Nitroso-di-n-propyla...	8.375	70	43448	3.710	ng	98
20) 3+4-Methylphenols	8.486	107	57384	3.208	ng	96
22) Acetophenone	8.427	105	94129	3.664	ng	# 98
24) Nitrobenzene	8.821	77	69963	3.649	ng	100
25) Isophorone	9.273	82	124217	3.534	ng	99
26) 2-Nitrophenol	9.508	139	29353	3.167	ng	99
28) bis(2-Chloroethoxy)met...	9.779	93	73582	3.452	ng	99
29) 2,4-Dichlorophenol	10.061	162	51172	3.172	ng	98
30) 1,2,4-Trichlorobenzene	10.184	180	60365	3.435	ng	96
31) Naphthalene	10.384	128	199759	3.464	ng	100
32) Benzoic acid	9.826	122	14302m	9.204	ng	
33) 4-Chloroaniline	10.613	127	76424	3.812	ng	99
34) Hexachlorobutadiene	10.637	225	33707	3.240	ng	96
35) Caprolactam	11.395	113	18409m	2.977	ng	
36) 4-Chloro-3-methylphenol	11.782	107	57298	3.119	ng	99
37) 2-Methylnaphthalene	11.976	142	146105	3.517	ng	100
38) 1-Methylnaphthalene	12.205	142	138450	3.339	ng	99
40) 1,2,4,5-Tetrachloroben...	12.335	216	73388	3.450	ng	98
43) 2,4,6-Trichlorophenol	12.652	196	46152	3.147	ng	97
44) 2,4,5-Trichlorophenol	12.752	196	51848	3.087	ng	98
46) 1,1'-Biphenyl	13.004	154	216843	3.735	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Chloronaphthalene	13.051	162	154728	3.373	ng	98
48) 2-Nitroaniline	13.386	65	35543	2.879	ng	96
49) Acenaphthylene	13.909	152	247553	3.649	ng	100
50) Dimethylphthalate	13.680	163	206931	3.459	ng	99
51) 2,6-Dinitrotoluene	13.815	165	41109	2.976	ng	92
52) Acenaphthene	14.238	154	151951	3.430	ng	99
53) 3-Nitroaniline	14.232	138	43209	3.146	ng	97
54) 2,4-Dinitrophenol	14.368	184	13951	6.938	ng	97
55) Dibenzofuran	14.585	168	253754	3.594	ng	97
56) 4-Nitrophenol	14.644	139	31228	2.483	ng	97
57) 2,4-Dinitrotoluene	14.603	165	53479	2.813	ng	95
58) Fluorene	15.219	166	203247	3.441	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.849	232	51792	3.338	ng	99
60) Diethylphthalate	15.008	149	213866	3.418	ng	98
61) 4-Chlorophenyl-phenyle...	15.208	204	102769	3.506	ng	98
62) 4-Nitroaniline	15.413	138	42137	2.757	ng	97
63) Azobenzene	15.507	77	187114	3.479	ng	98
65) 4,6-Dinitro-2-methylph...	15.343	198	25758	2.298	ng	88
66) n-Nitrosodiphenylamine	15.460	169	179303	3.545	ng	99
67) 4-Bromophenyl-phenylether	16.095	248	69262	3.452	ng	97
68) Hexachlorobenzene	16.201	284	89632	3.408	ng	95
69) Atrazine	16.389	200	64813	4.180	ng	98
70) Pentachlorophenol	16.606	266	40354	2.666	ng	98
71) Phenanthrene	16.953	178	343126	3.758	ng	97
72) Anthracene	17.041	178	315594	3.539	ng	97
73) Carbazole	17.370	167	321366	3.522	ng	99
74) Di-n-butylphthalate	17.822	149	381584	3.799	ng	97
75) Fluoranthene	18.956	202	410208	3.699	ng	96
77) Benzidine	19.215	184	86581	3.213	ng	99
78) Pyrene	19.326	202	439609	3.765	ng	95
80) Butylbenzylphthalate	20.178	149	183344	3.581	ng	96
81) Benzo(a)anthracene	21.054	228	472107	3.956	ng	95
82) 3,3'-Dichlorobenzidine	21.030	252	159340	3.408	ng	99
83) Chrysene	21.107	228	458603	3.974	ng	93
84) Bis(2-ethylhexyl)phtha...	20.883	149	250237	3.680	ng	97
85) Di-n-octyl phthalate	21.729	149	424940	3.807	ng	100
87) Indeno(1,2,3-cd)pyrene	25.660	276	639636	3.649	ng	99
88) Benzo(b)fluoranthene	22.646	252	508859	3.728	ng	98
89) Benzo(k)fluoranthene	22.687	252	485473	3.806	ng	97
90) Benzo(a)pyrene	23.245	252	450543	3.774	ng	99
91) Dibenzo(a,h)anthracene	25.660	278	524978	3.624	ng	99
92) Benzo(g,h,i)perylene	26.406	276	494206	3.311	ng	98

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

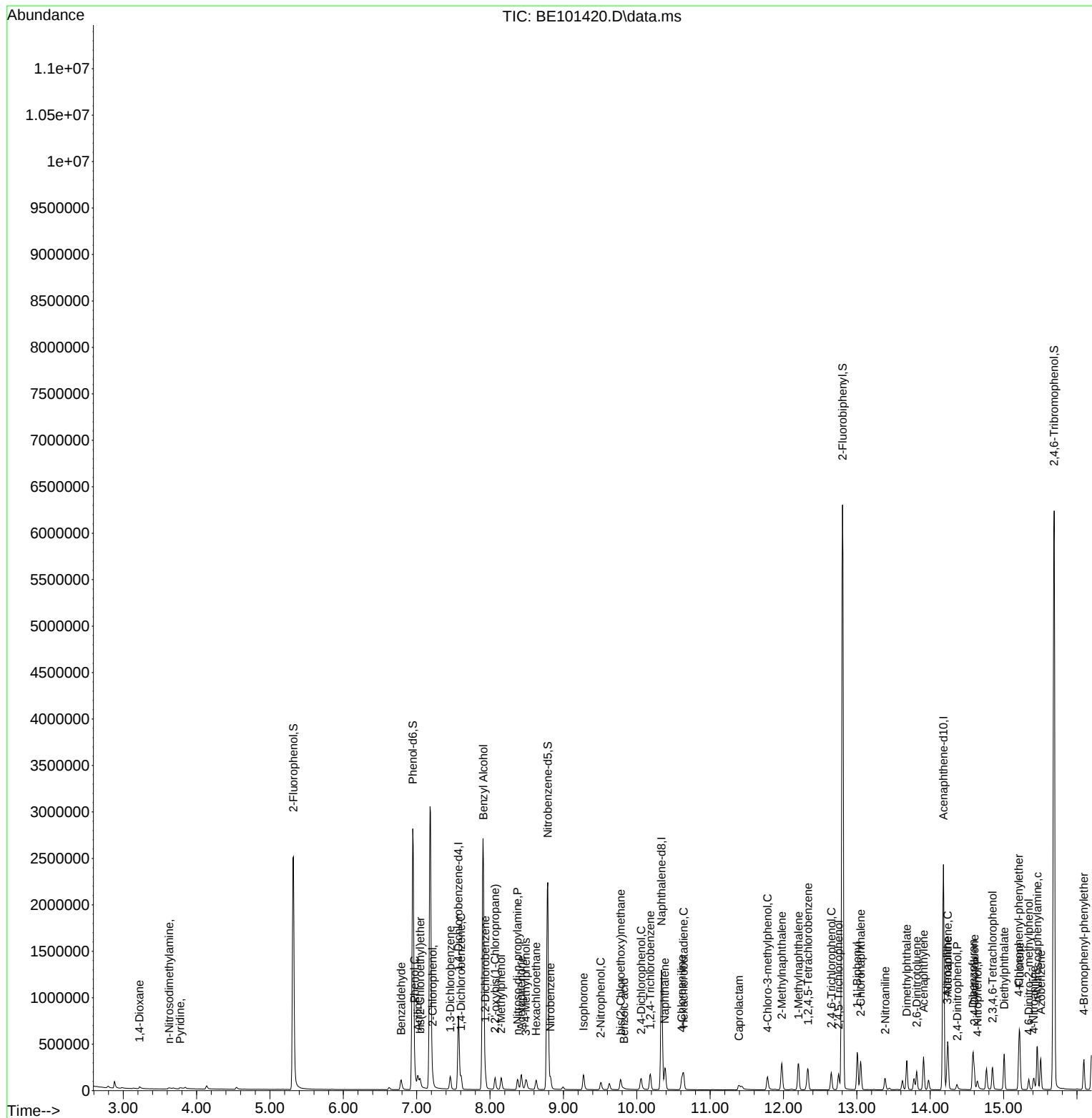
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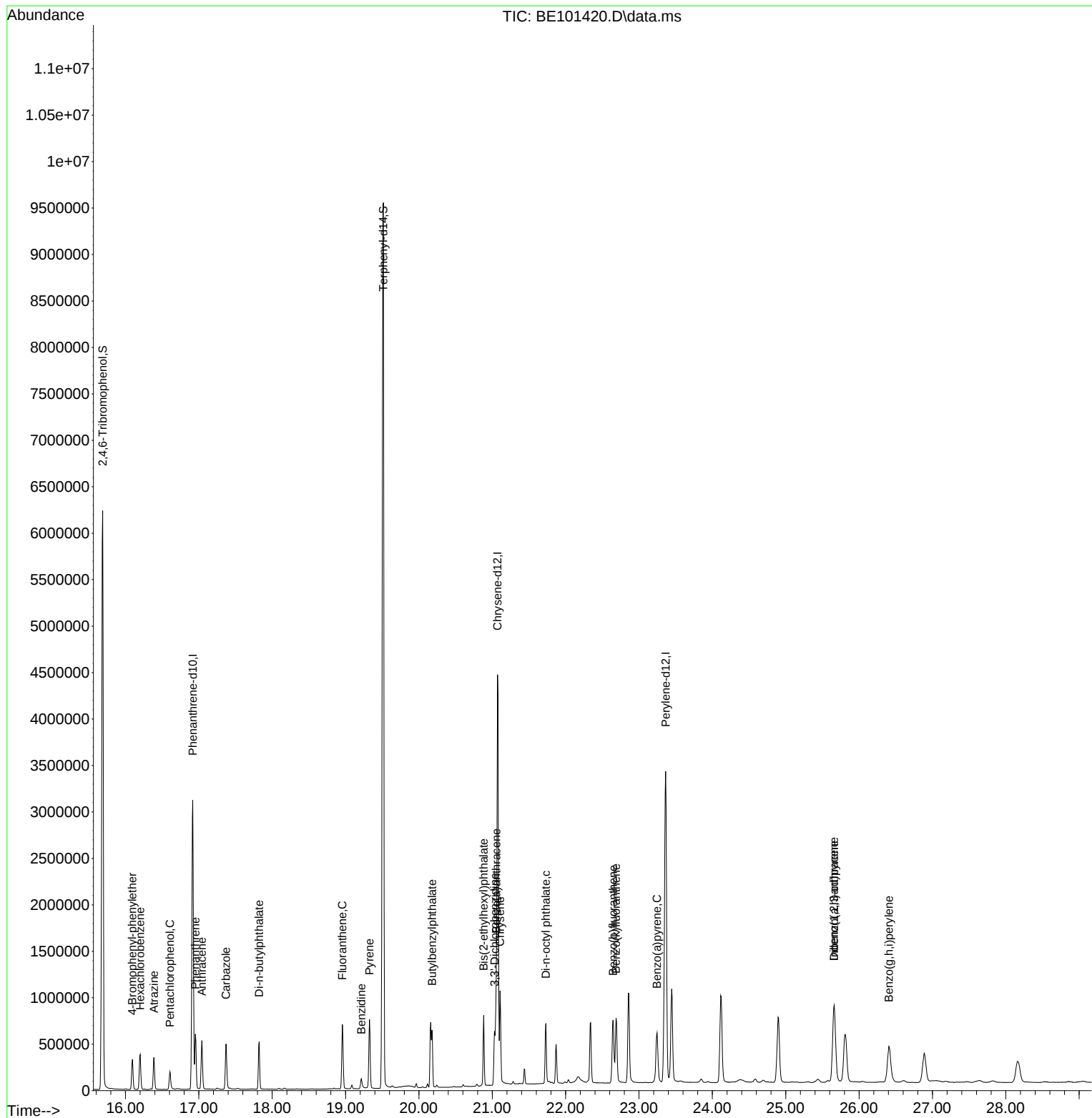
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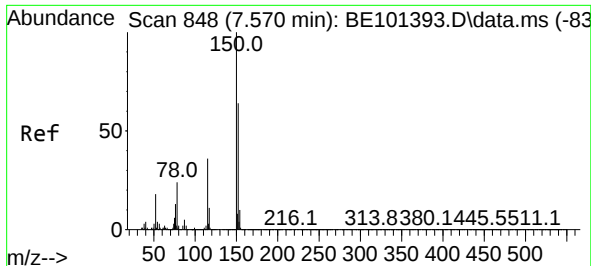
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ClientSampleId :
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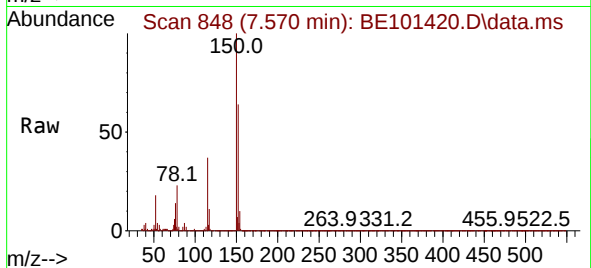
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.570 min Scan# 84
Delta R.T. -0.000 min
Lab File: BE101420.D
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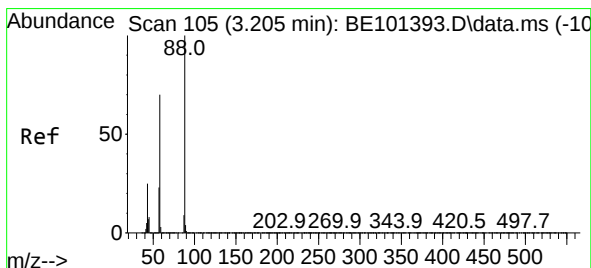
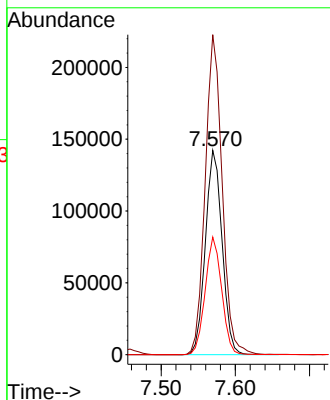
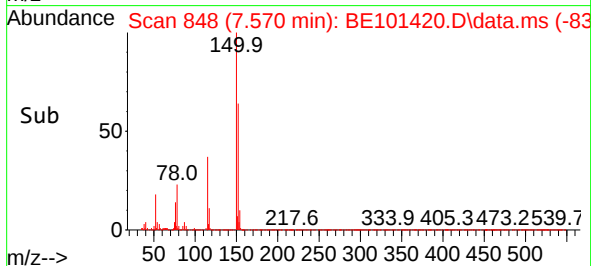
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BNA_E
ClientSampleId :
MDL-WATER-03-QT4-2024



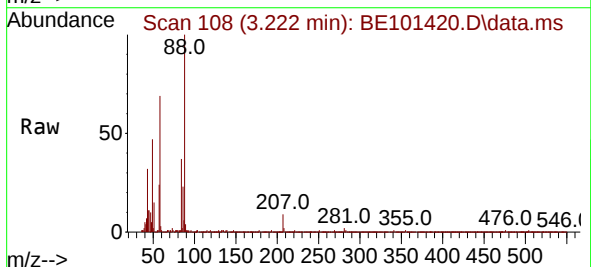
Tgt Ion:152 Resp: 223074
Ion Ratio Lower Upper
152 100
150 156.7 124.2 186.4
115 57.6 45.3 67.9

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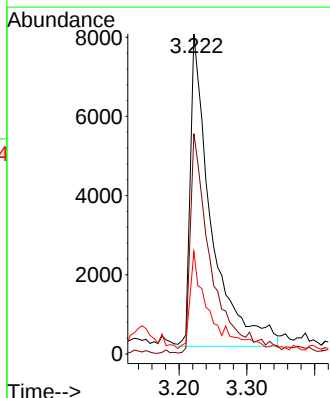
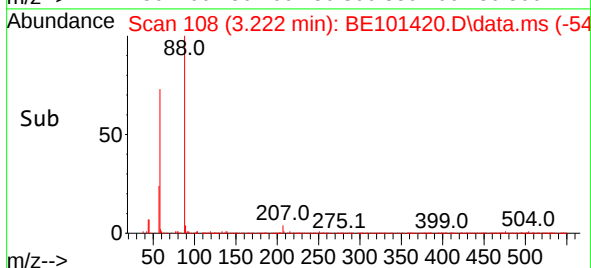
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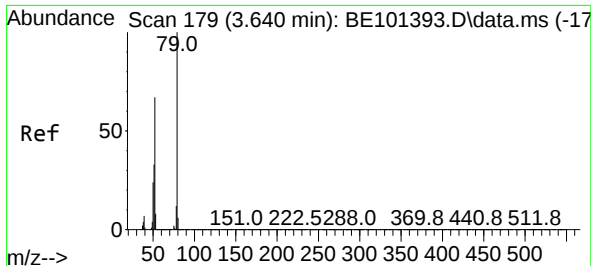


#2
1,4-Dioxane
Concen: 3.529 ng m
RT: 3.222 min Scan# 108
Delta R.T. 0.017 min
Lab File: BE101420.D
Acq: 30 Oct 2024 12:23



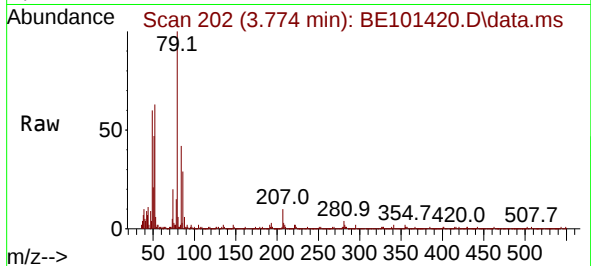
Tgt Ion: 88 Resp: 16751
Ion Ratio Lower Upper
88 100
58 70.0 56.5 84.7
43 28.0 19.8 29.8





#3
Pyridine
Concen: 2.811 ng m
RT: 3.774 min Scan# 20
Delta R.T. 0.134 min
Lab File: BE101420.D
Acq: 30 Oct 2024 12:23

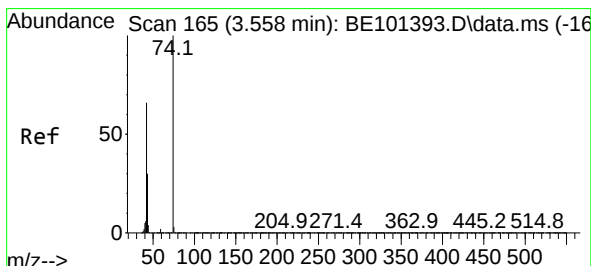
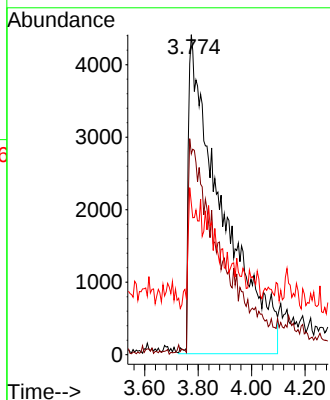
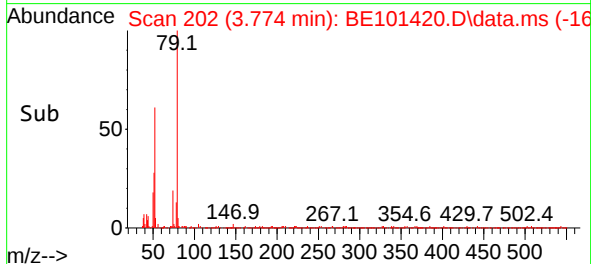
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ClientSampleId :
MDL-WATER-03-QT4-2024



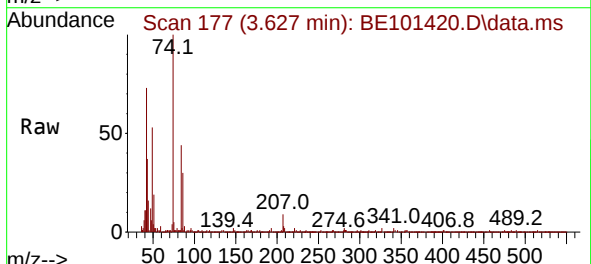
Tgt Ion: 79 Resp: 3775
Ion Ratio Lower Upper
79 100
52 62.7 53.3 79.9
51 47.3 27.3 40.9

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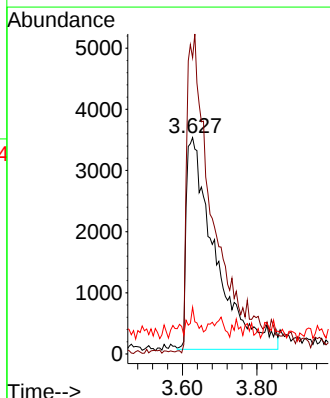
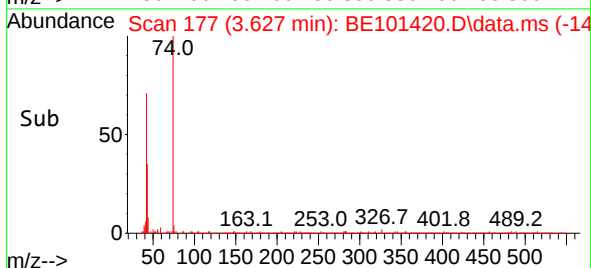
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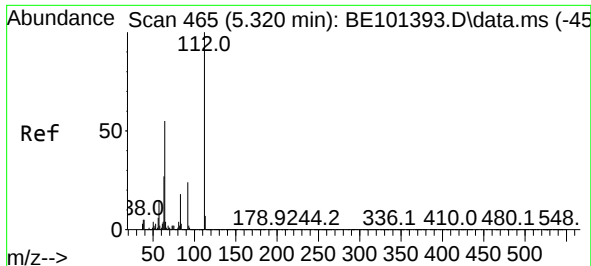


#4
n-Nitrosodimethylamine
Concen: 3.572 ng m
RT: 3.627 min Scan# 177
Delta R.T. 0.070 min
Lab File: BE101420.D
Acq: 30 Oct 2024 12:23



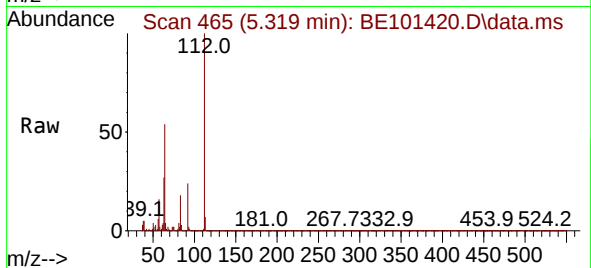
Tgt Ion: 42 Resp: 18562
Ion Ratio Lower Upper
42 100
74 136.9 121.4 182.0
44 21.6 5.6 8.4





#5
2-Fluorophenol
Concen: 102.311 ng
RT: 5.319 min Scan# 465
Delta R.T. -0.001 min
Lab File: BE101420.D
Acq: 30 Oct 2024 12:23

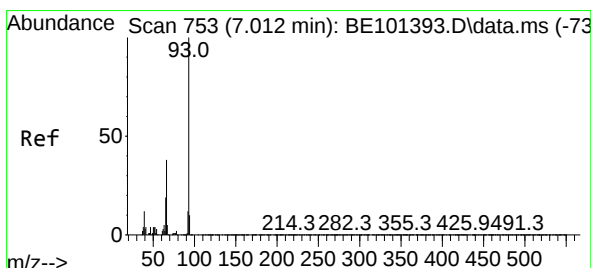
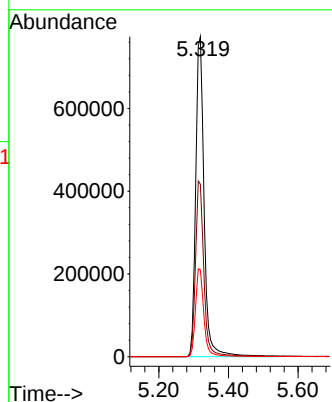
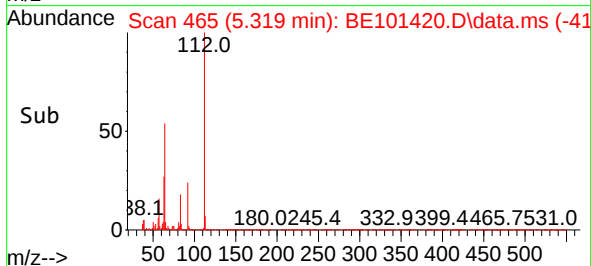
Instrument :
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Tgt Ion: 112 Resp: 130218
Ion Ratio Lower Upper
112 100
64 53.9 43.7 65.5
63 27.1 21.4 32.2

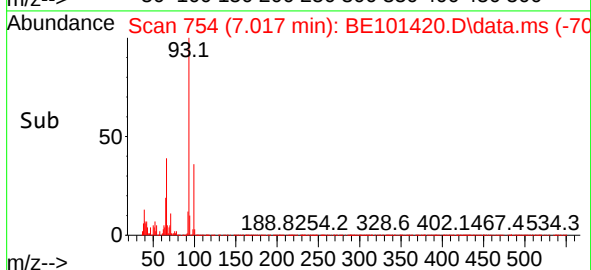
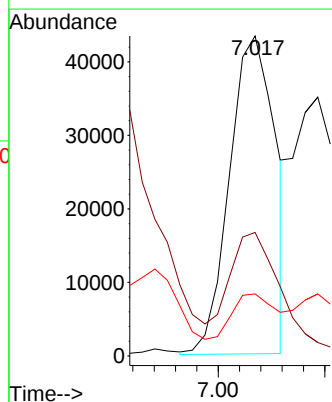
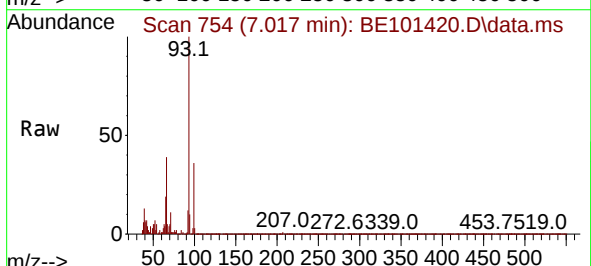
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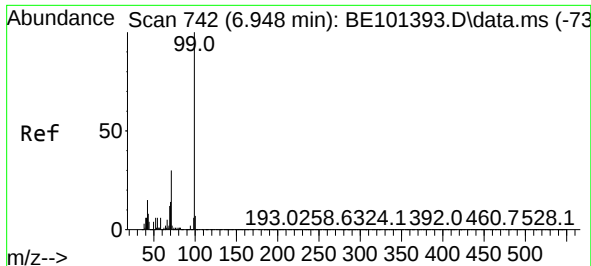
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#6
Aniline
Concen: 4.784 ng
RT: 7.017 min Scan# 754
Delta R.T. 0.005 min
Lab File: BE101420.D
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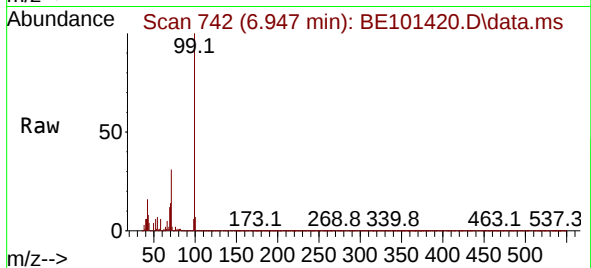
Tgt Ion: 93 Resp: 64702
Ion Ratio Lower Upper
93 100
66 38.6 31.0 46.4
65 19.4 15.5 23.3





#7
Phenol-d6
Concen: 106.149 ng
RT: 6.947 min Scan# 742
Delta R.T. -0.001 min
Lab File: BE101420.D
Acq: 30 Oct 2024 12:23

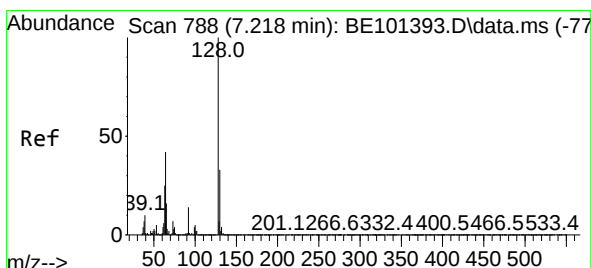
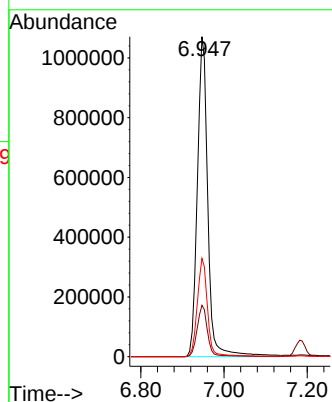
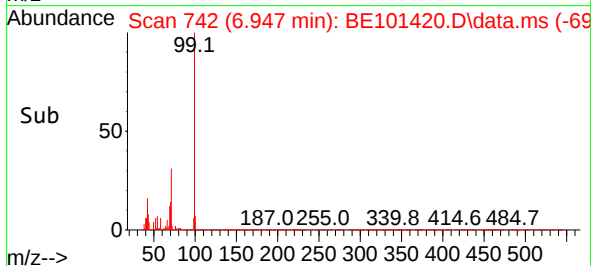
Instrument : BNA_E
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Tgt Ion: 99 Resp: 1873340
Ion Ratio Lower Upper
99 100
42 16.0 12.3 18.5
71 30.7 23.8 35.8

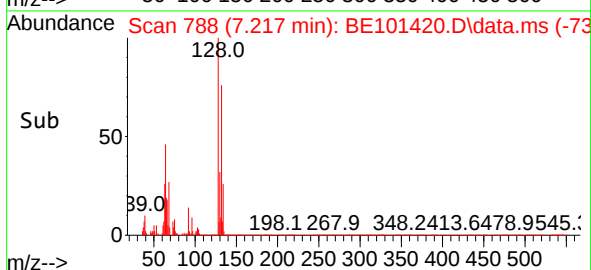
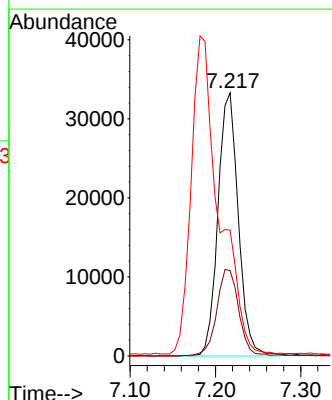
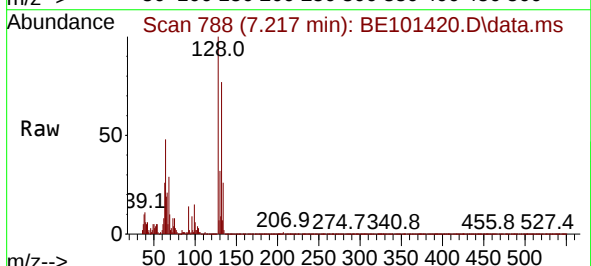
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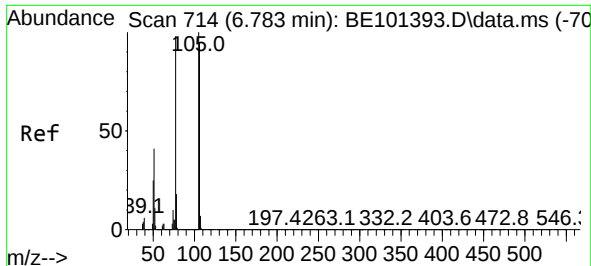
Reviewed By :Jagrut Upadhyay 11/05/2024
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#8
2-Chlorophenol
Concen: 3.615 ng
RT: 7.217 min Scan# 788
Delta R.T. -0.001 min
Lab File: BE101420.D
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Tgt Ion:128 Resp: 55177
Ion Ratio Lower Upper
128 100
130 32.5 12.9 52.9
64 47.8 22.3 62.3





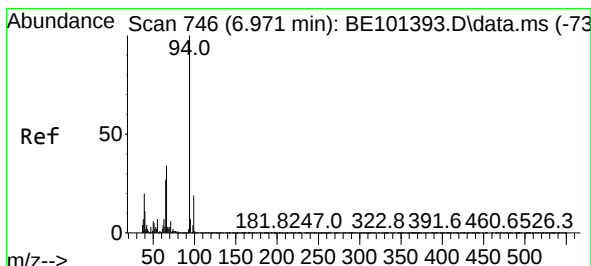
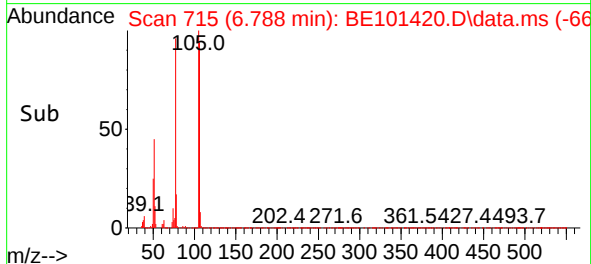
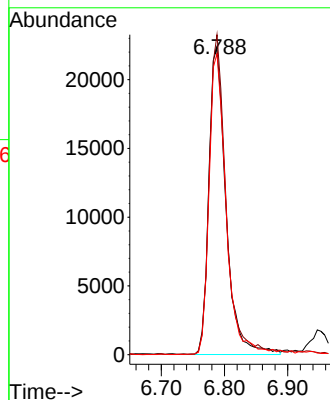
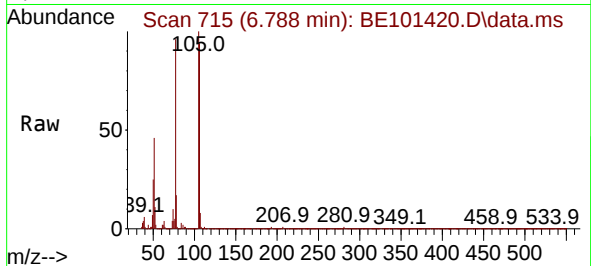
#9
Benzaldehyde
Concen: 4.929 ng
RT: 6.788 min Scan# 714
Delta R.T. 0.005 min
Lab File: BE101420.D
Acq: 30 Oct 2024 12:23

Instrument :
BNA_E
ClientSampleId :
MDL-WATER-03-QT4-2024

Tgt Ion: 77 Resp: 41994
Ion Ratio Lower Upper
77 100
105 104.2 81.9 121.9
106 98.0 76.5 116.5

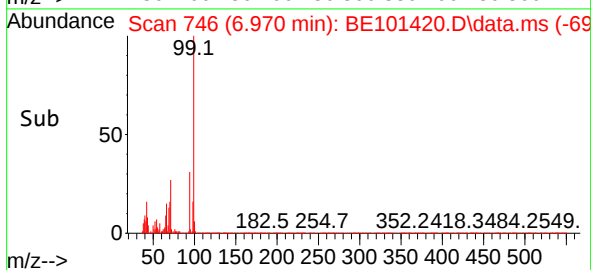
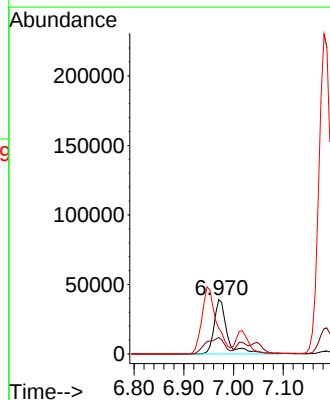
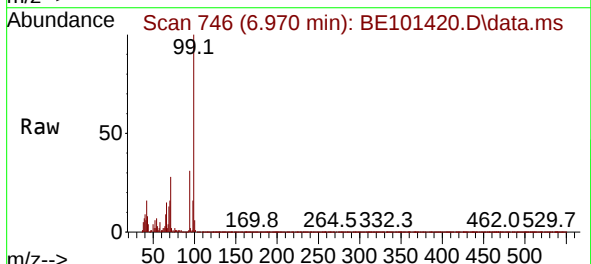
Manual Integrations
APPROVED

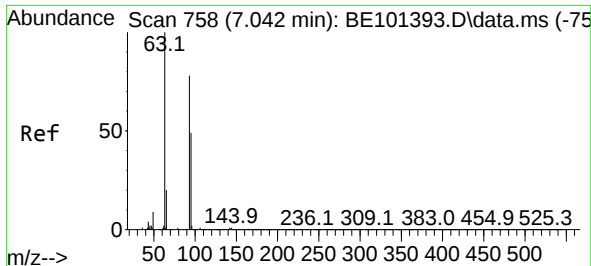
Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024



#10
Phenol
Concen: 3.755 ng m
RT: 6.970 min Scan# 746
Delta R.T. -0.001 min
Lab File: BE101420.D
Acq: 30 Oct 2024 12:23

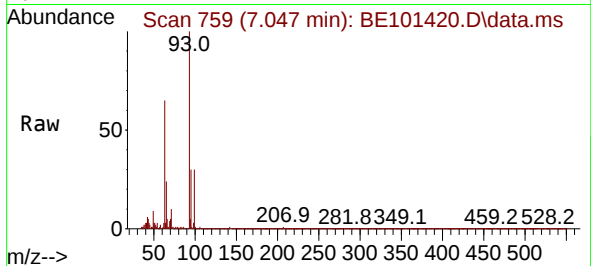
Tgt Ion: 94 Resp: 71912
Ion Ratio Lower Upper
94 100
65 30.2 6.8 46.8
66 47.5 14.0 54.0





#11
bis(2-Chloroethyl)ether
Concen: 3.050 ng
RT: 7.047 min Scan# 70
Delta R.T. 0.005 min
Lab File: BE101420.D
Acq: 30 Oct 2024 12:23

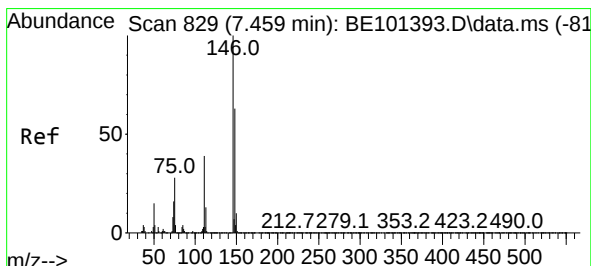
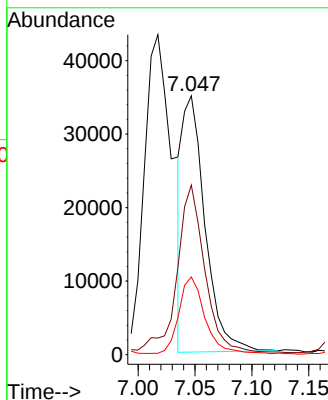
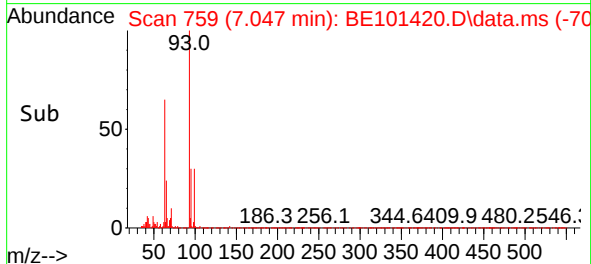
Instrument :
BNA_E
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion: 93 Resp: 47914
Ion Ratio Lower Upper
93 100
63 65.5 46.3 86.3
95 30.1 9.6 49.6

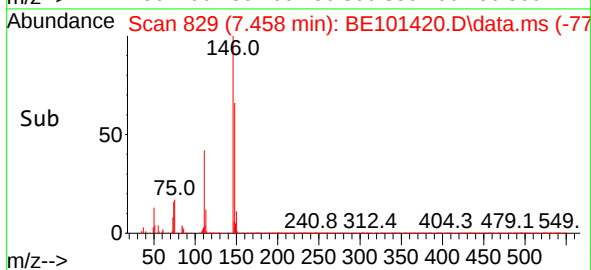
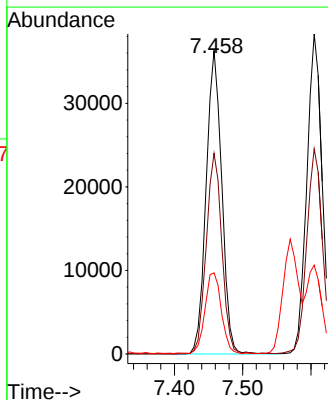
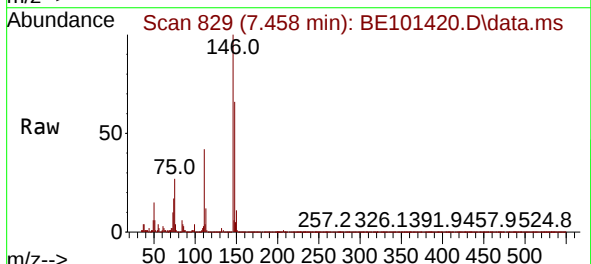
Manual Integrations
APPROVED

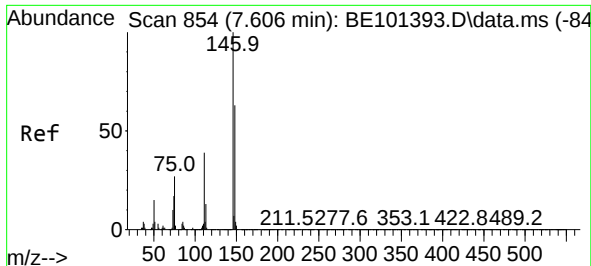
Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024



#12
1,3-Dichlorobenzene
Concen: 3.511 ng
RT: 7.458 min Scan# 829
Delta R.T. -0.001 min
Lab File: BE101420.D
Acq: 30 Oct 2024 12:23

Tgt Ion:146 Resp: 57800
Ion Ratio Lower Upper
146 100
148 66.1 50.5 75.7
75 26.7 22.0 33.0





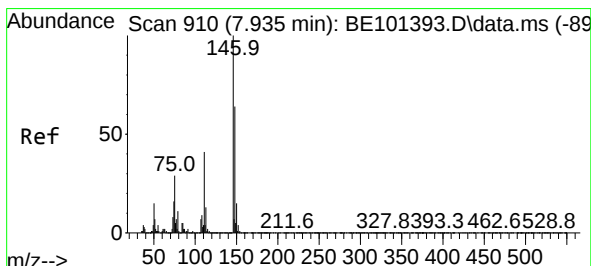
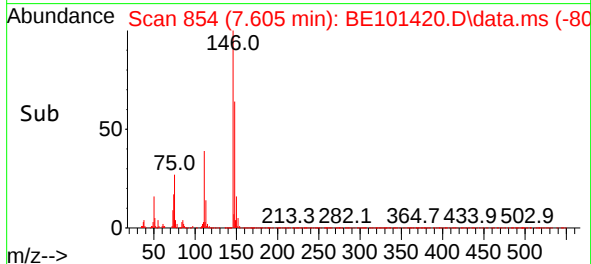
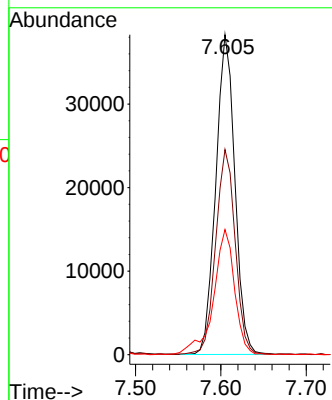
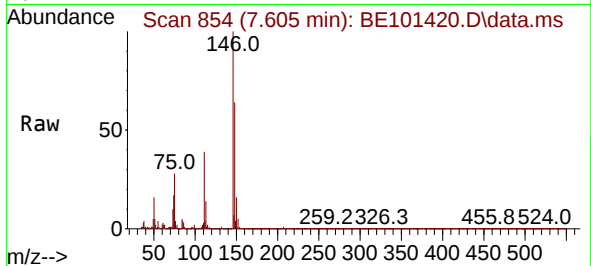
#13
1,4-Dichlorobenzene
Concen: 3.537 ng
RT: 7.605 min Scan# 854
Delta R.T. -0.001 min
Lab File: BE101420.D
Acq: 30 Oct 2024 12:23

Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT4-2024

Tgt Ion:146 Resp: 5945
Ion Ratio Lower Upper
146 100
148 64.1 50.2 75.2
111 39.1 31.6 47.4

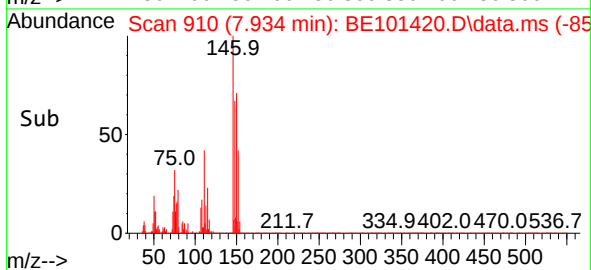
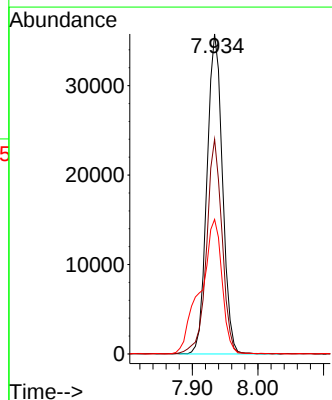
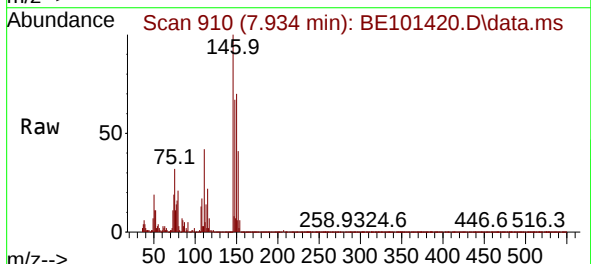
Manual Integrations
APPROVED

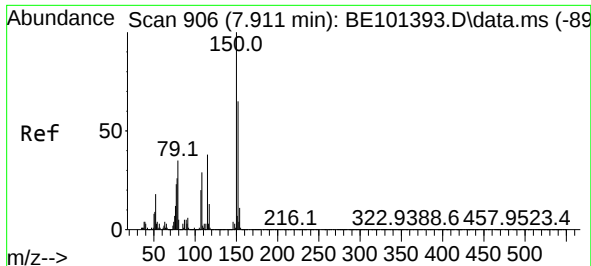
Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024



#14
1,2-Dichlorobenzene
Concen: 3.561 ng
RT: 7.934 min Scan# 910
Delta R.T. -0.001 min
Lab File: BE101420.D
Acq: 30 Oct 2024 12:23

Tgt Ion:146 Resp: 58591
Ion Ratio Lower Upper
146 100
148 67.1 51.4 77.2
111 42.1 32.8 49.2





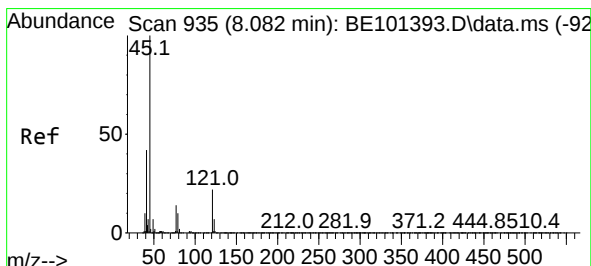
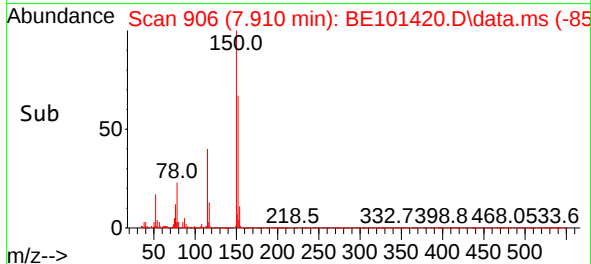
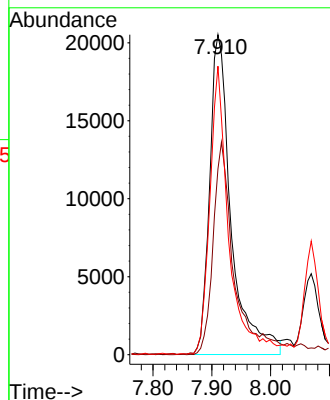
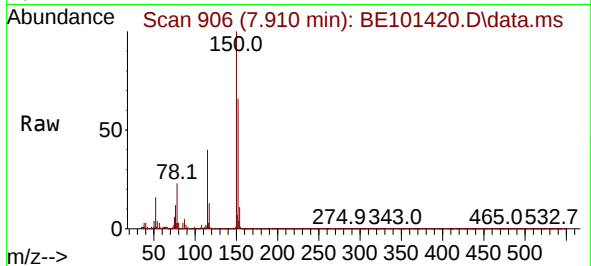
#15
Benzyl Alcohol
Concen: 4.954 ng
RT: 7.910 min Scan# 906
Delta R.T. -0.001 min
Lab File: BE101420.D
Acq: 30 Oct 2024 12:23

Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT4-2024

Tgt Ion: 79 Resp: 5211
Ion Ratio Lower Upper
79 100
108 58.0 66.1 99.1
77 90.2 53.1 79.7

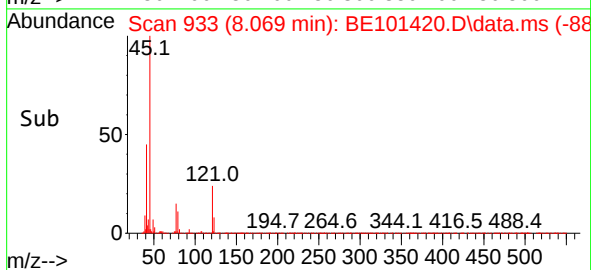
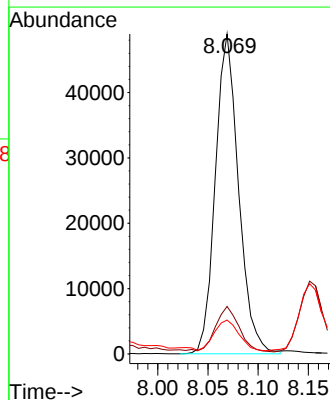
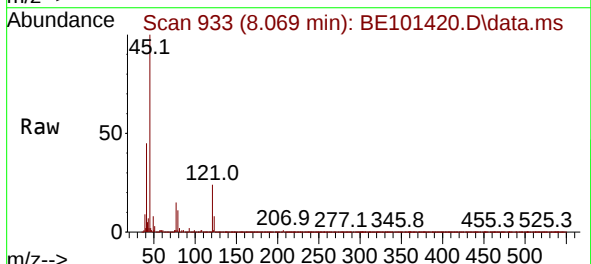
Manual Integrations
APPROVED

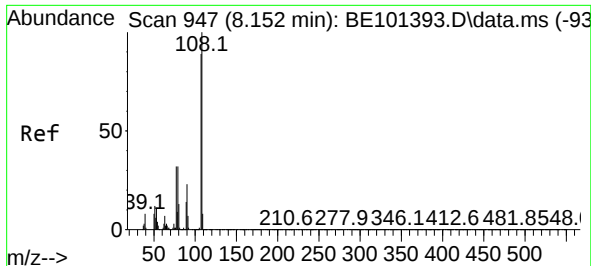
Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.981 ng
RT: 8.069 min Scan# 933
Delta R.T. -0.013 min
Lab File: BE101420.D
Acq: 30 Oct 2024 12:23

Tgt Ion: 45 Resp: 78692
Ion Ratio Lower Upper
45 100
77 14.9 0.0 34.5
79 10.6 0.0 31.8





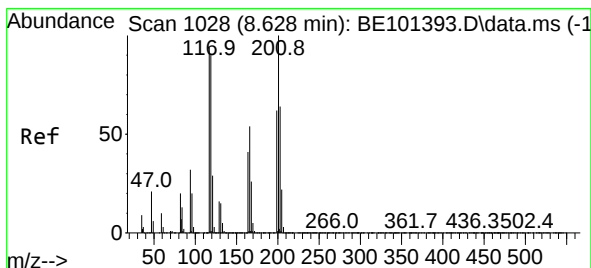
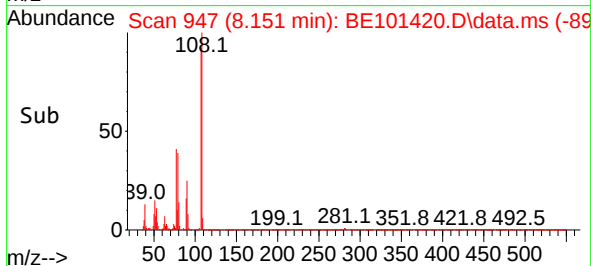
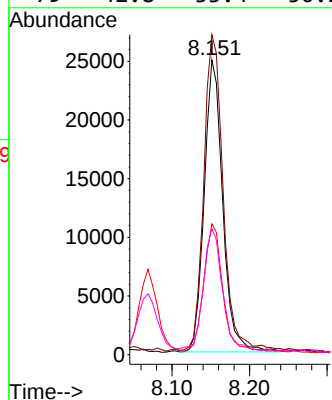
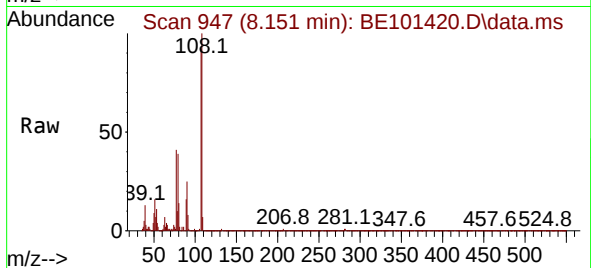
#17
2-Methylphenol
Concen: 3.190 ng
RT: 8.151 min Scan# 947
Delta R.T. -0.001 min
Lab File: BE101420.D
Acq: 30 Oct 2024 12:23

Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT4-2024

Tgt Ion:	107	Resp:	4134
Ion Ratio	Lower	Upper	
107	100		
108	108.6	90.0	135.0
77	44.3	34.2	51.4
79	42.8	33.4	50.2

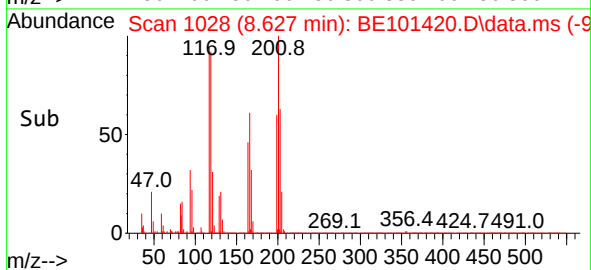
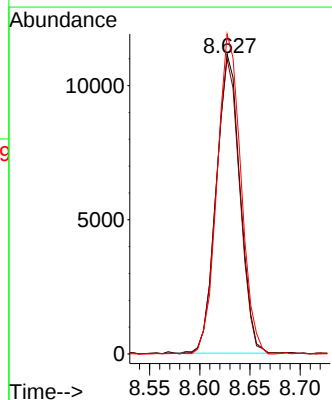
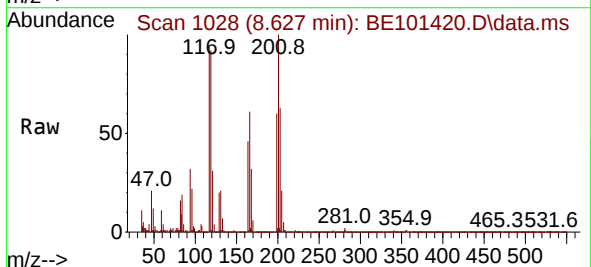
Manual Integrations
APPROVED

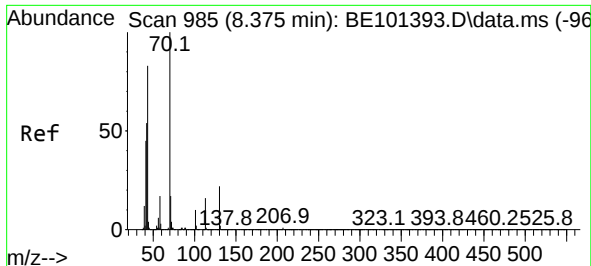
Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024



#18
Hexachloroethane
Concen: 3.340 ng
RT: 8.627 min Scan# 1028
Delta R.T. -0.001 min
Lab File: BE101420.D
Acq: 30 Oct 2024 12:23

Tgt Ion:	117	Resp:	18332
Ion Ratio	Lower	Upper	
117	100		
119	98.4	77.0	115.4
201	106.8	85.3	127.9





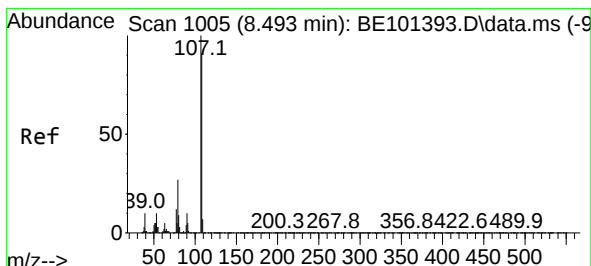
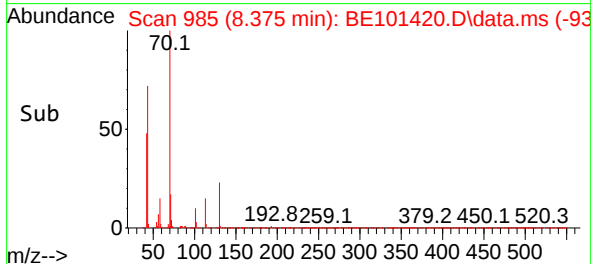
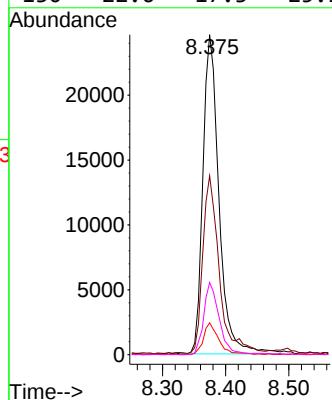
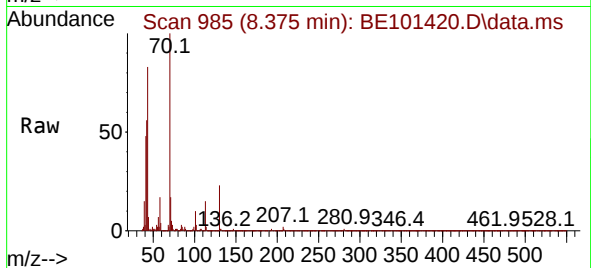
#19
n-Nitroso-di-n-propylamine
Concen: 3.710 ng
RT: 8.375 min Scan# 91
Delta R.T. -0.001 min
Lab File: BE101420.D
Acq: 30 Oct 2024 12:23

Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT4-2024

Tgt Ion:	70	Resp:	4344
Ion Ratio	Lower	Upper	
70	100		
42	55.9	43.4	65.0
101	9.9	8.1	12.1
130	22.6	17.3	25.9

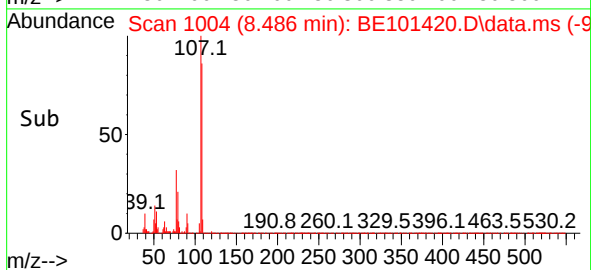
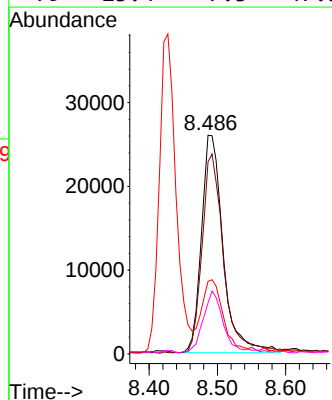
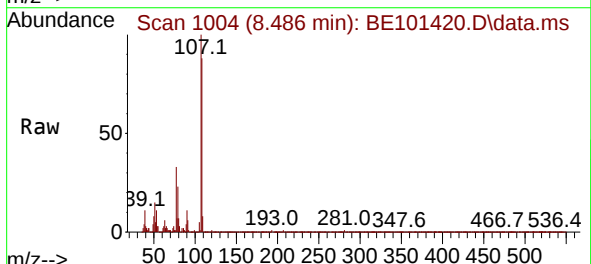
Manual Integrations
APPROVED

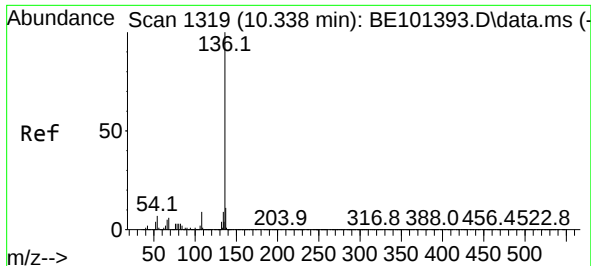
Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024



#20
3+4-Methylphenols
Concen: 3.208 ng
RT: 8.486 min Scan# 1004
Delta R.T. -0.007 min
Lab File: BE101420.D
Acq: 30 Oct 2024 12:23

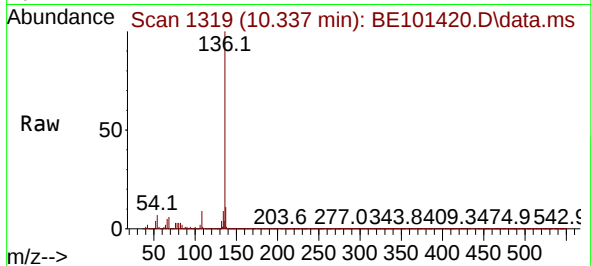
Tgt Ion:	107	Resp:	57384
Ion Ratio	Lower	Upper	
107	100		
108	87.9	70.6	110.6
77	33.2	11.3	51.3
79	23.4	7.3	47.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.337 min Scan# 111
Delta R.T. -0.001 min
Lab File: BE101420.D
Acq: 30 Oct 2024 12:23

Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT4-2024

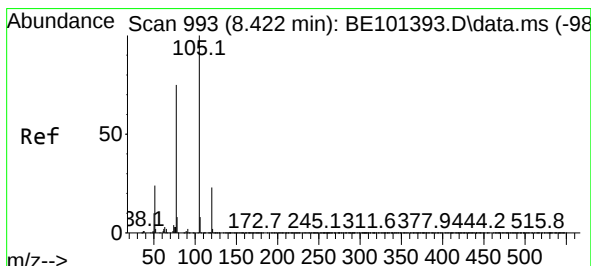
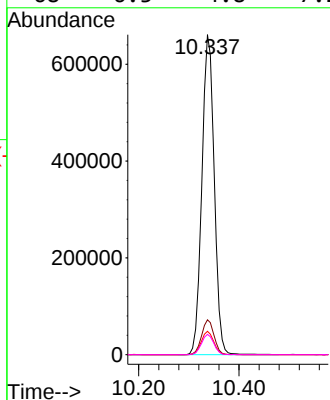
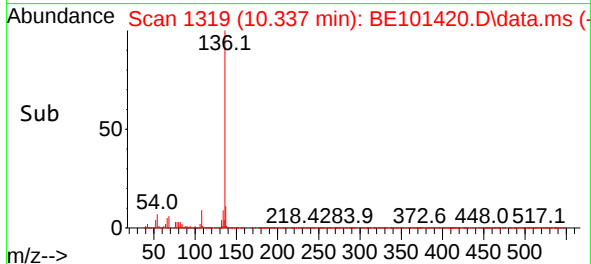


Tgt Ion:136 Resp: 1131479

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	7.3	5.9	8.9
68	6.3	4.8	7.2

Manual Integrations
APPROVED

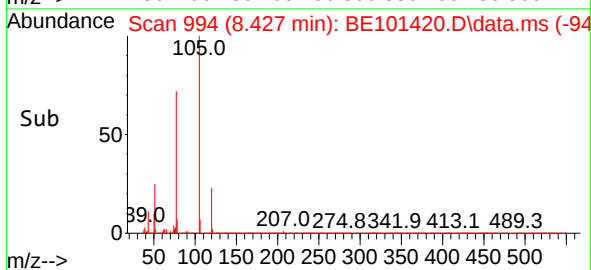
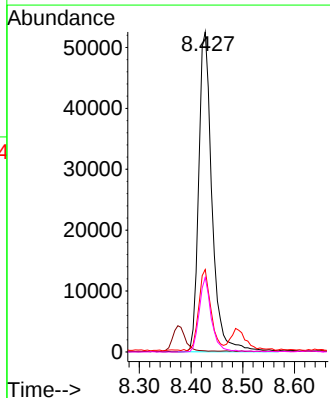
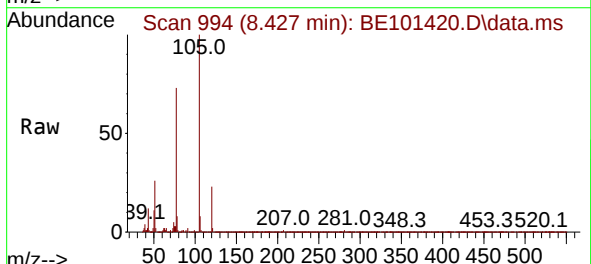
Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024

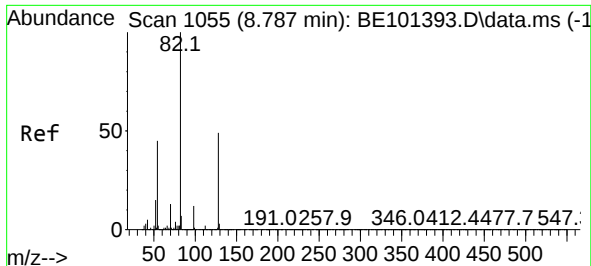


#22
Acetophenone
Concen: 3.664 ng
RT: 8.427 min Scan# 994
Delta R.T. 0.005 min
Lab File: BE101420.D
Acq: 30 Oct 2024 12:23

Tgt Ion:105 Resp: 94129

Ion	Ratio	Lower	Upper
105	100		
71	0.4	0.1	0.1
51	25.8	19.4	29.0
120	23.3	18.4	27.6





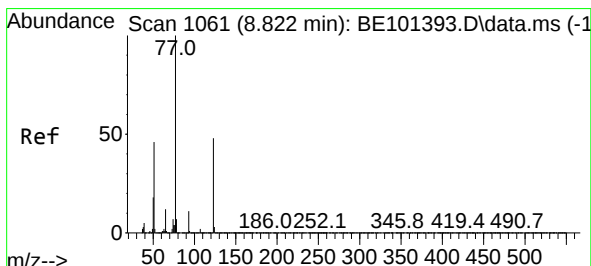
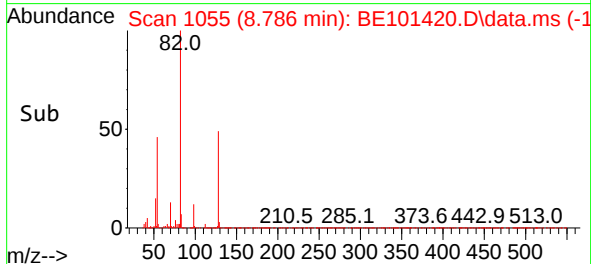
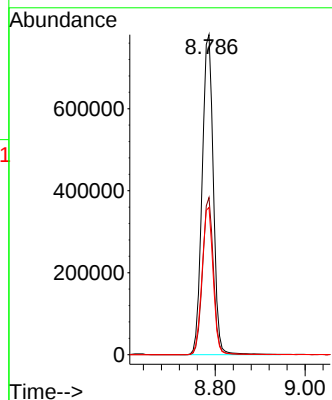
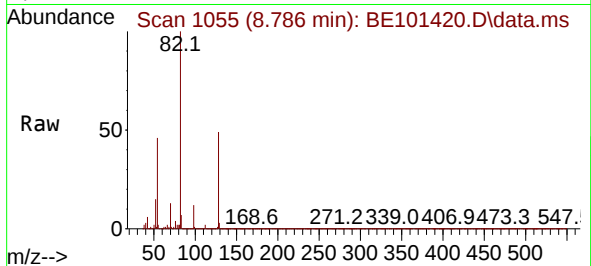
#23
Nitrobenzene-d5
Concen: 74.986 ng
RT: 8.786 min Scan# 1055
Delta R.T. -0.001 min
Lab File: BE101420.D
Acq: 30 Oct 2024 12:23

Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT4-2024

Tgt Ion: 82 Resp: 135083
Ion Ratio Lower Upper
82 100
128 49.1 38.9 58.3
54 46.0 36.2 54.4

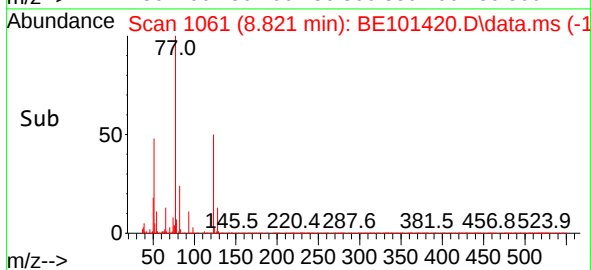
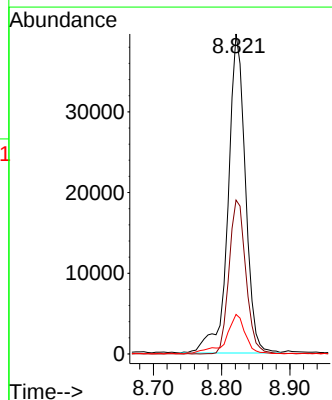
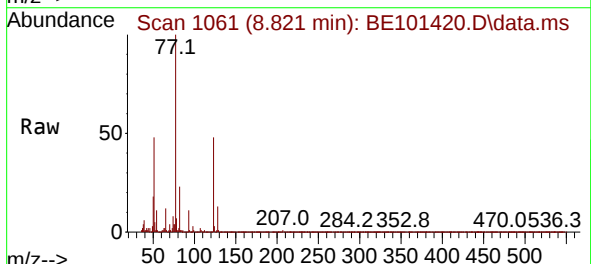
Manual Integrations
APPROVED

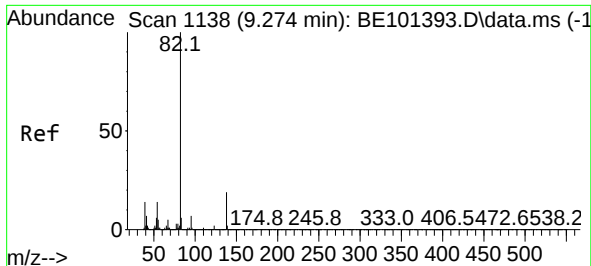
Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024



#24
Nitrobenzene
Concen: 3.649 ng
RT: 8.821 min Scan# 1061
Delta R.T. -0.001 min
Lab File: BE101420.D
Acq: 30 Oct 2024 12:23

Tgt Ion: 77 Resp: 69963
Ion Ratio Lower Upper
77 100
123 48.1 38.7 58.1
65 12.4 10.0 15.0





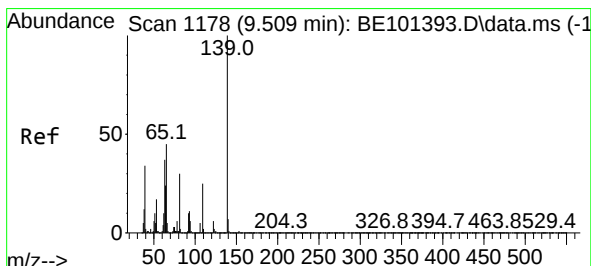
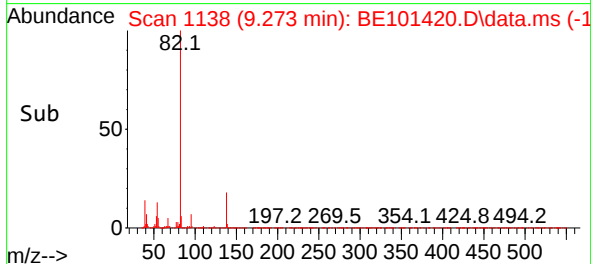
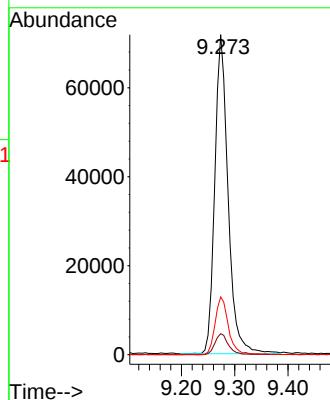
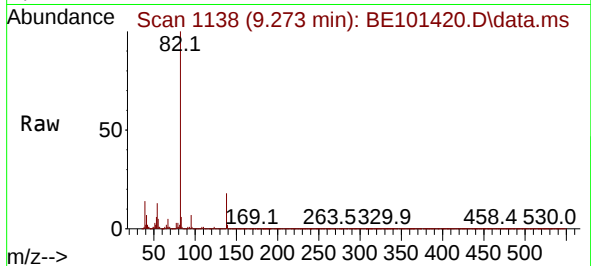
#25
Isophorone
Concen: 3.534 ng
RT: 9.273 min Scan# 1138
Delta R.T. -0.001 min
Lab File: BE101420.D
Acq: 30 Oct 2024 12:23

Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT4-2024

Tgt Ion: 82	Resp: 12421
Ion Ratio	Lower Upper
82 100	
95 6.5	5.5 8.3
138 18.0	15.0 22.4

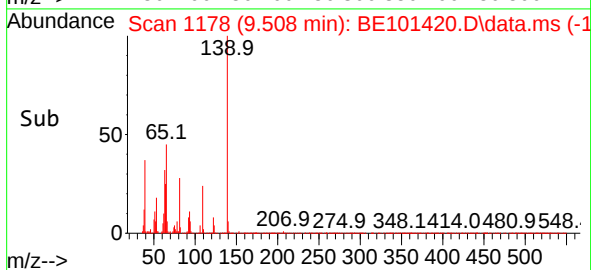
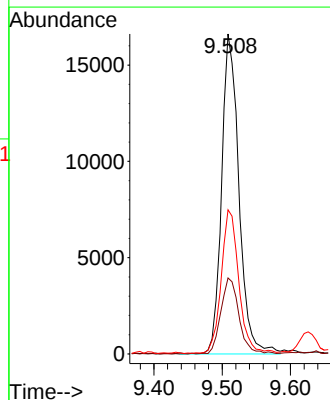
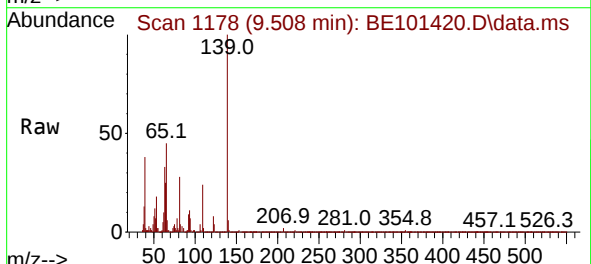
Manual Integrations
APPROVED

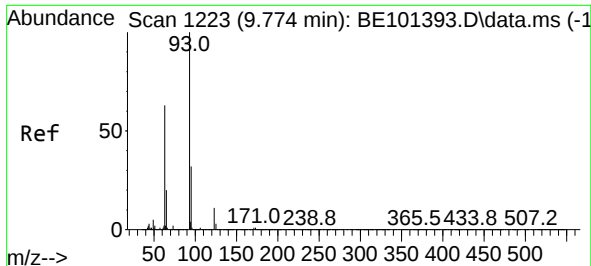
Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024



#26
2-Nitrophenol
Concen: 3.167 ng
RT: 9.508 min Scan# 1178
Delta R.T. -0.001 min
Lab File: BE101420.D
Acq: 30 Oct 2024 12:23

Tgt Ion:139	Resp: 29353
Ion Ratio	Lower Upper
139 100	
109 23.7	20.1 30.1
65 45.0	36.0 54.0





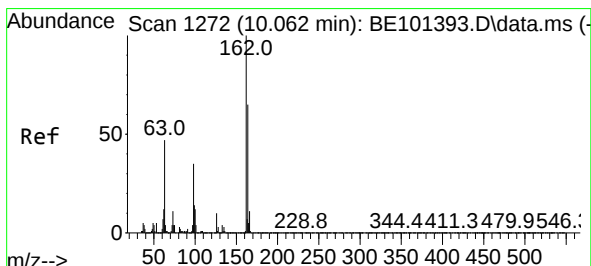
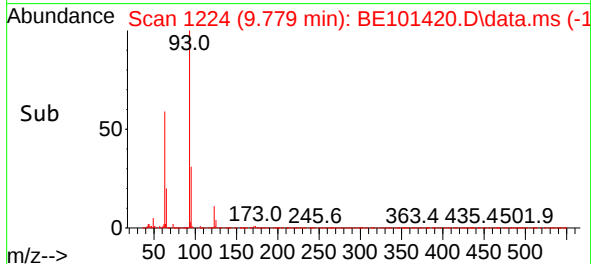
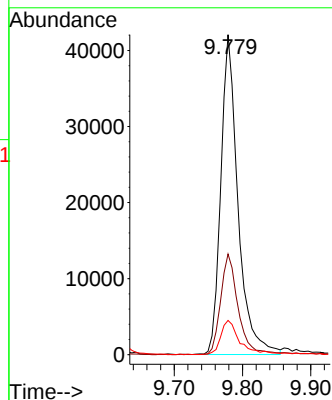
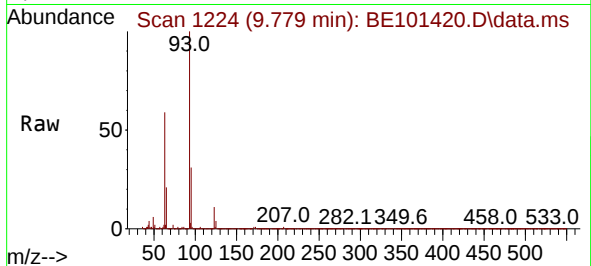
#28
bis(2-Chloroethoxy)methane
Concen: 3.452 ng
RT: 9.779 min Scan# 1223
Delta R.T. 0.005 min
Lab File: BE101420.D
Acq: 30 Oct 2024 12:23

Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT4-2024

Tgt Ion: 93 Resp: 7358
Ion Ratio Lower Upper
93 100
95 31.5 25.8 38.6
123 10.7 8.6 13.0

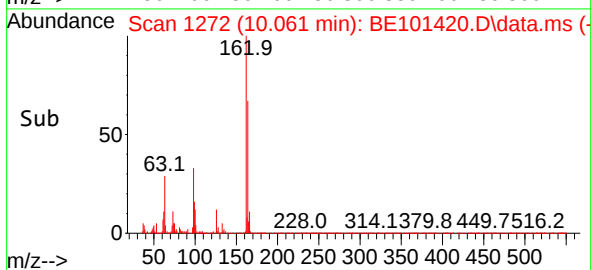
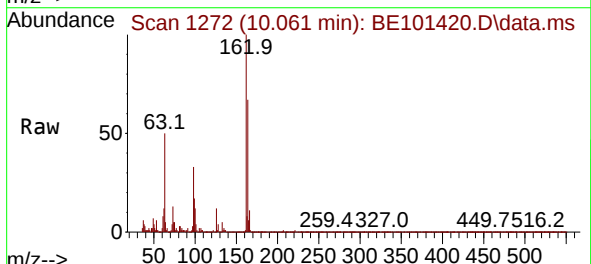
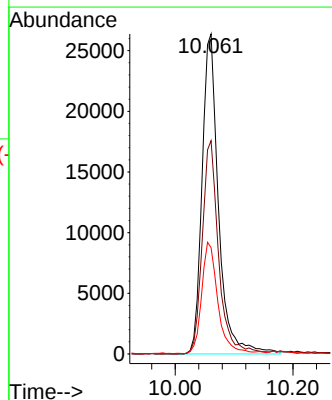
Manual Integrations
APPROVED

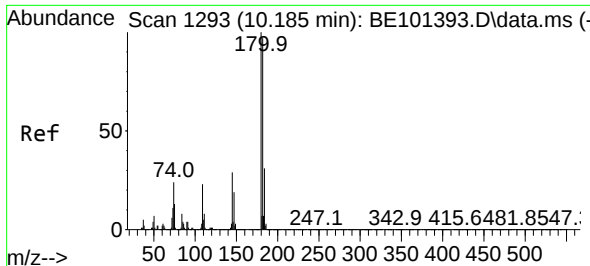
Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024



#29
2,4-Dichlorophenol
Concen: 3.172 ng
RT: 10.061 min Scan# 1272
Delta R.T. -0.001 min
Lab File: BE101420.D
Acq: 30 Oct 2024 12:23

Tgt Ion:162 Resp: 51172
Ion Ratio Lower Upper
162 100
164 66.7 45.4 85.4
98 33.2 14.5 54.5





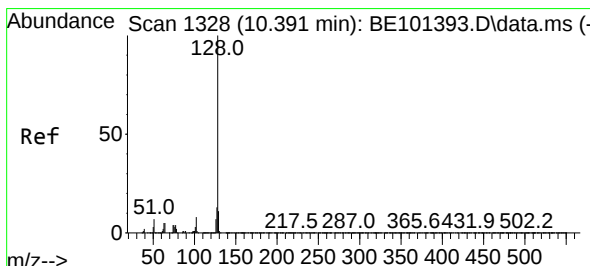
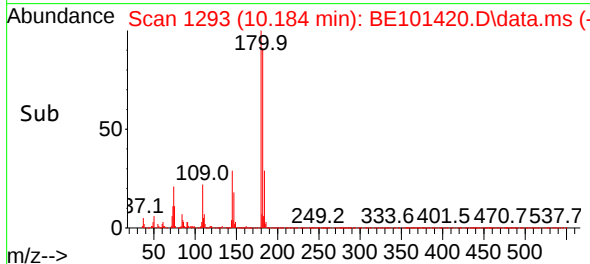
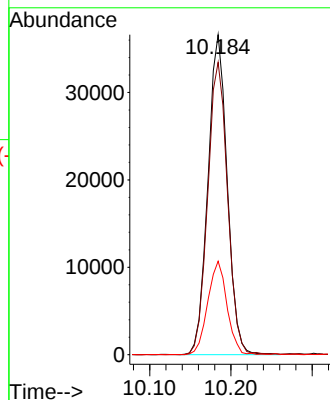
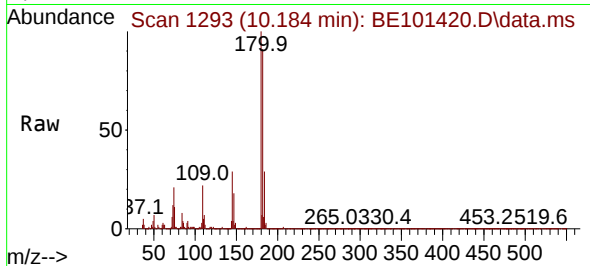
#30
1,2,4-Trichlorobenzene
Concen: 3.435 ng
RT: 10.184 min Scan# 1293
Delta R.T. -0.001 min
Lab File: BE101420.D
Acq: 30 Oct 2024 12:23

Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT4-2024

Tgt Ion:180 Resp: 6036
Ion Ratio Lower Upper
180 100
182 91.4 77.4 116.0
145 29.2 23.3 34.9

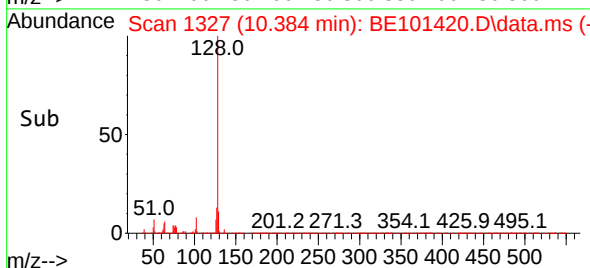
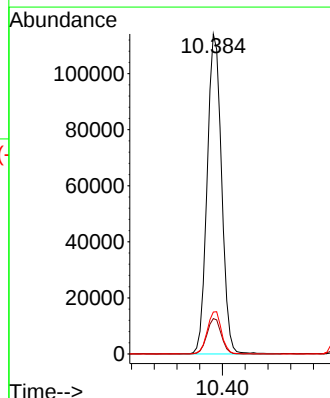
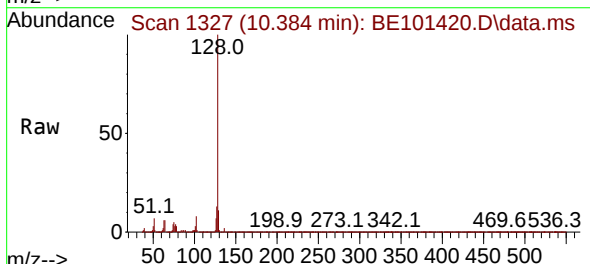
Manual Integrations
APPROVED

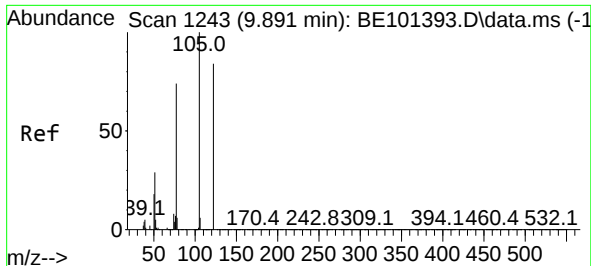
Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024



#31
Naphthalene
Concen: 3.464 ng
RT: 10.384 min Scan# 1327
Delta R.T. -0.007 min
Lab File: BE101420.D
Acq: 30 Oct 2024 12:23

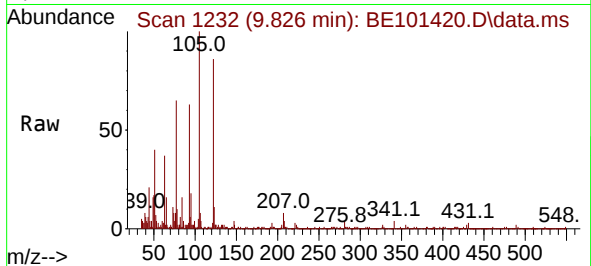
Tgt Ion:128 Resp: 199759
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.1 10.3 15.5





#32
Benzoic acid
Concen: 9.204 ng m
RT: 9.826 min Scan# 1232
Delta R.T. -0.065 min
Lab File: BE101420.D
Acq: 30 Oct 2024 12:23

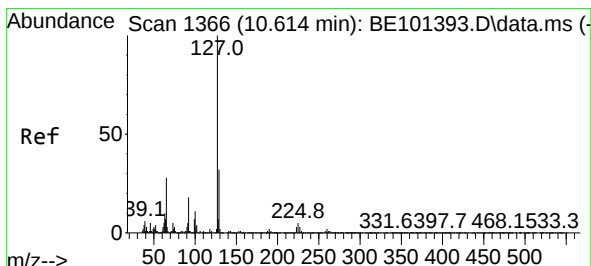
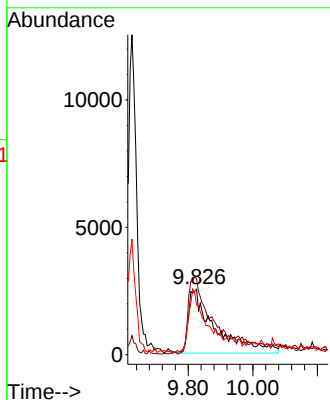
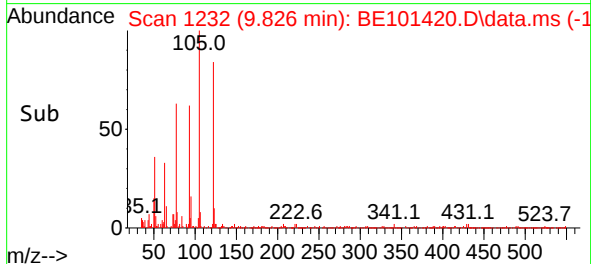
Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT4-2024



Tgt Ion:122 Resp: 14302
Ion Ratio Lower Upper
122 100
105 115.9 97.9 137.9
77 75.7 68.1 108.1

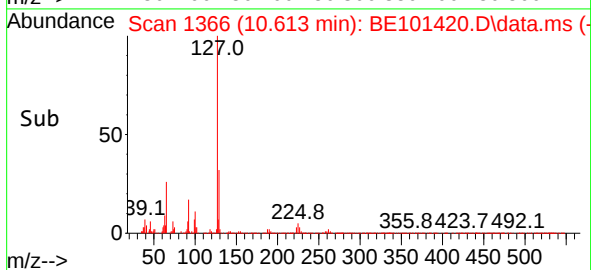
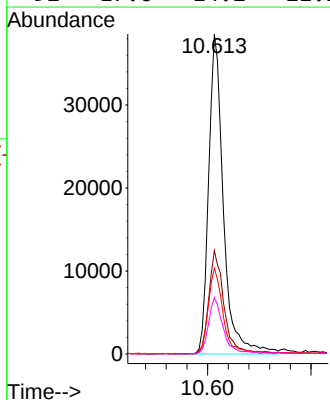
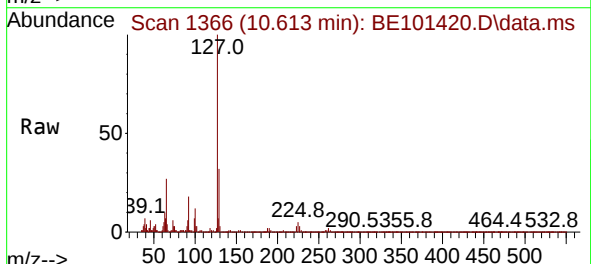
Manual Integrations
APPROVED

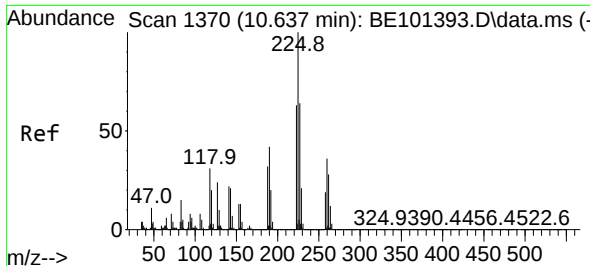
Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024



#33
4-Chloroaniline
Concen: 3.812 ng
RT: 10.613 min Scan# 1366
Delta R.T. -0.001 min
Lab File: BE101420.D
Acq: 30 Oct 2024 12:23

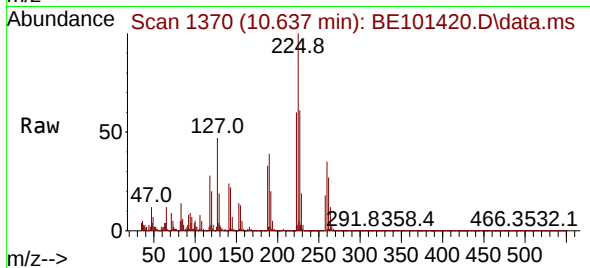
Tgt Ion:127 Resp: 76424
Ion Ratio Lower Upper
127 100
129 32.2 25.7 38.5
65 26.8 22.2 33.4
92 17.6 14.2 21.2





#34
Hexachlorobutadiene
Concen: 3.240 ng
RT: 10.637 min Scan# 1370
Delta R.T. -0.001 min
Lab File: BE101420.D
Acq: 30 Oct 2024 12:23

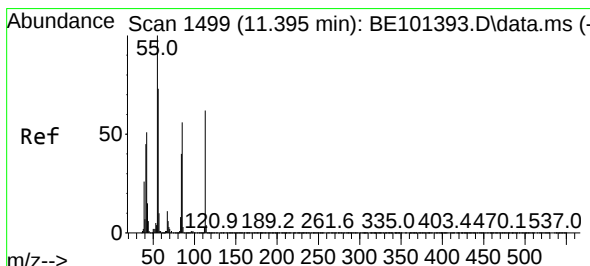
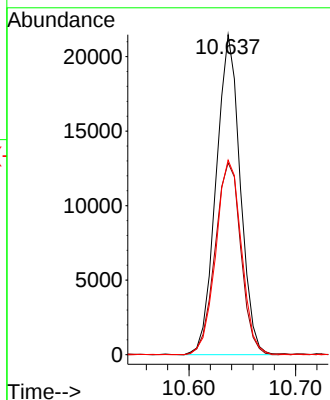
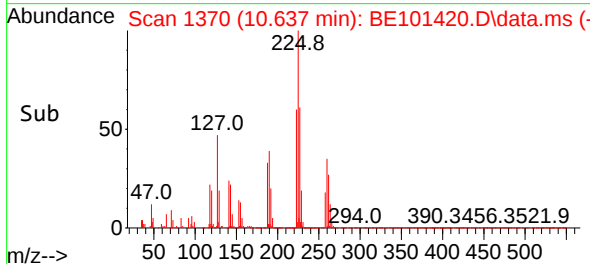
Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT4-2024



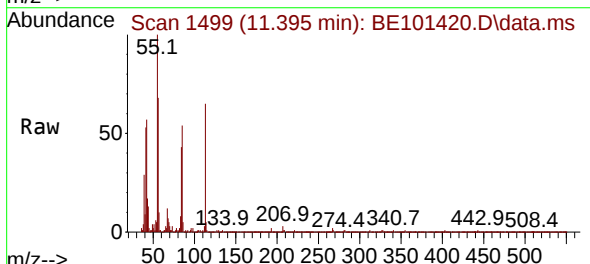
Tgt Ion: 225 Resp: 3370
Ion Ratio Lower Upper
225 100
223 59.9 50.5 75.7
227 60.8 51.0 76.6

Manual Integrations
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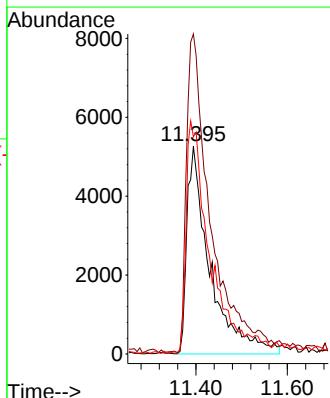
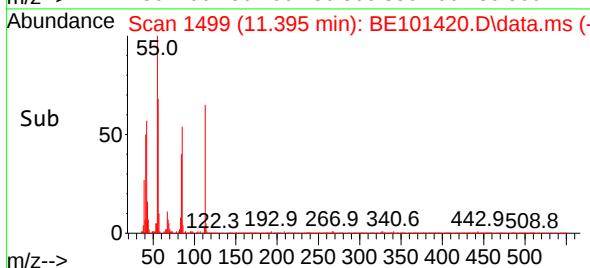
Reviewed By : Jagrut Upadhyay 11/05/2024
Supervised By : mohammad ahmed 11/06/2024

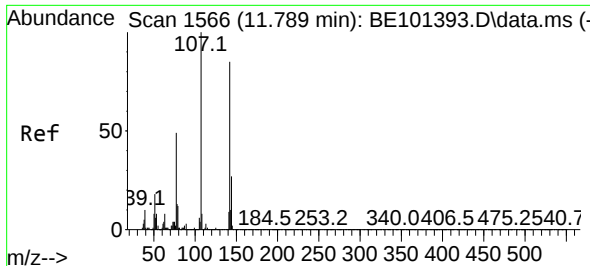


#35
Caprolactam
Concen: 2.977 ng m
RT: 11.395 min Scan# 1499
Delta R.T. -0.001 min
Lab File: BE101420.D
Acq: 30 Oct 2024 12:23



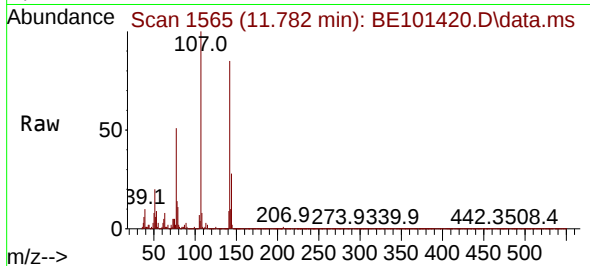
Tgt Ion: 113 Resp: 18409
Ion Ratio Lower Upper
113 100
55 154.0 141.2 181.2
56 104.6 96.9 136.9





#36
4-Chloro-3-methylphenol
Concen: 3.119 ng
RT: 11.782 min Scan# 1566
Delta R.T. -0.007 min
Lab File: BE101420.D
Acq: 30 Oct 2024 12:23

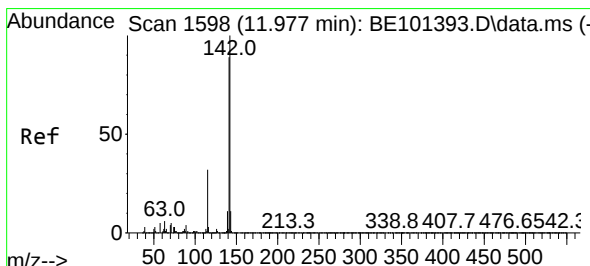
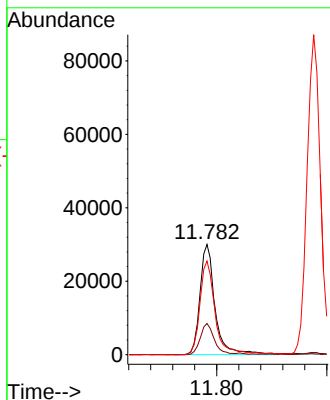
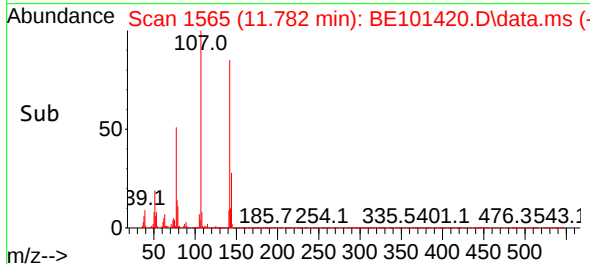
Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT4-2024



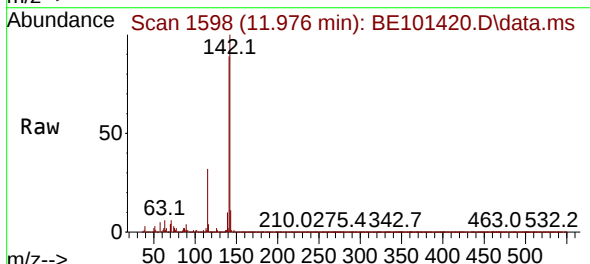
Tgt Ion:107 Resp: 57298
Ion Ratio Lower Upper
107 100
144 28.3 21.9 32.9
142 84.8 68.0 102.0

Manual Integrations
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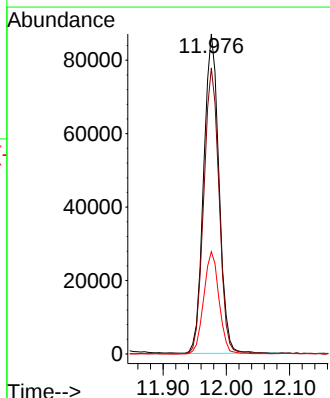
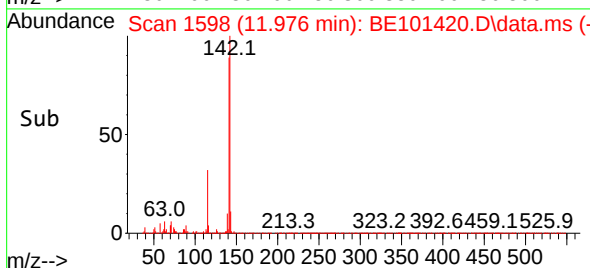
Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024

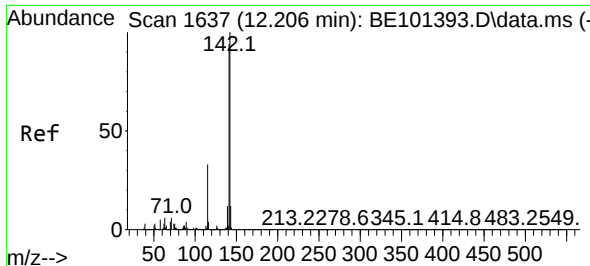


#37
2-Methylnaphthalene
Concen: 3.517 ng
RT: 11.976 min Scan# 1598
Delta R.T. -0.001 min
Lab File: BE101420.D
Acq: 30 Oct 2024 12:23



Tgt Ion:142 Resp: 146105
Ion Ratio Lower Upper
142 100
141 89.4 71.4 107.2
115 31.9 25.6 38.4





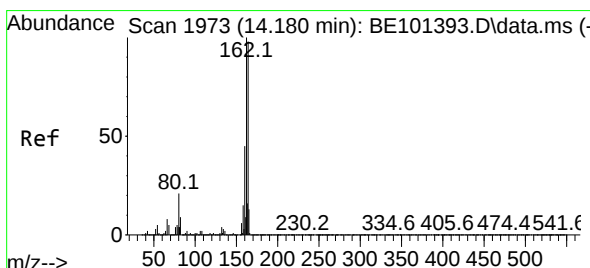
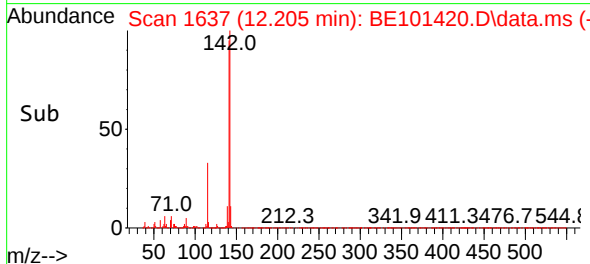
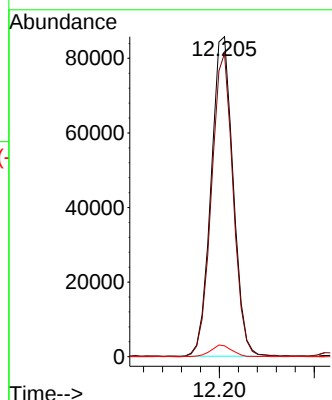
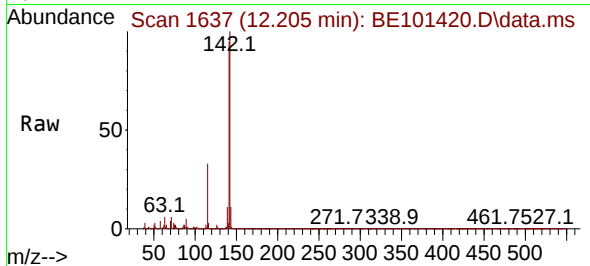
#38
1-Methylnaphthalene
Concen: 3.339 ng
RT: 12.205 min Scan# 1637
Delta R.T. -0.001 min
Lab File: BE101420.D
Acq: 30 Oct 2024 12:23

Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT4-2024

Tgt Ion:142 Resp: 138450
Ion Ratio Lower Upper
142 100
141 94.8 75.0 112.4
116 3.4 2.9 4.3

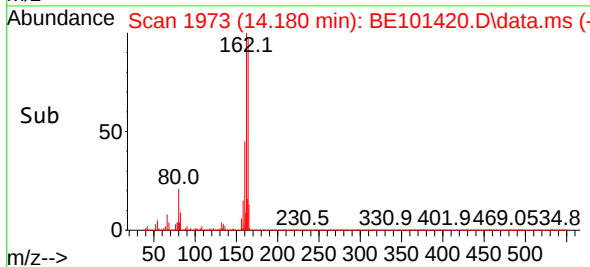
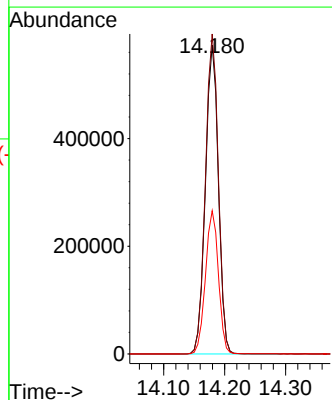
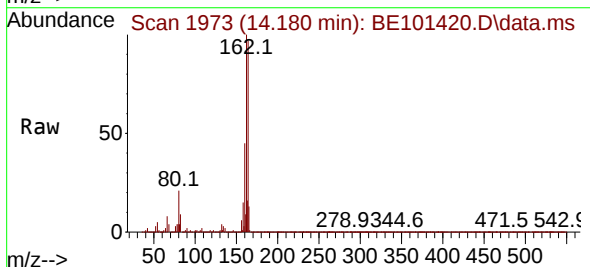
Manual Integrations
APPROVED

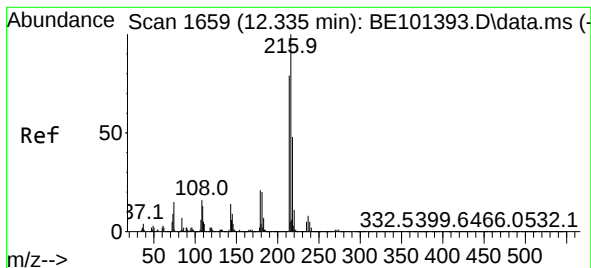
Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.180 min Scan# 1973
Delta R.T. -0.001 min
Lab File: BE101420.D
Acq: 30 Oct 2024 12:23

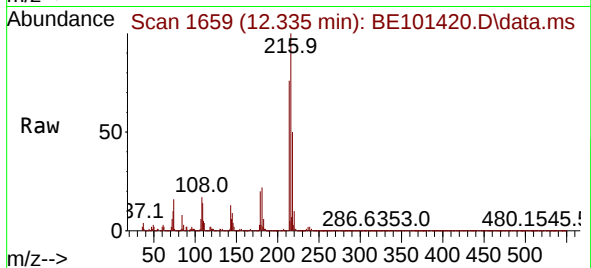
Tgt Ion:164 Resp: 847490
Ion Ratio Lower Upper
164 100
162 103.6 81.3 121.9
160 46.4 36.4 54.6





#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.450 ng
RT: 12.335 min Scan# 1659
Delta R.T. -0.001 min
Lab File: BE101420.D
Acq: 30 Oct 2024 12:23

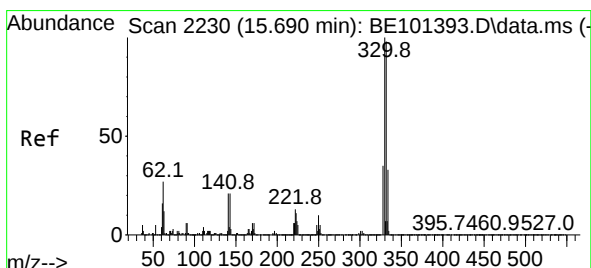
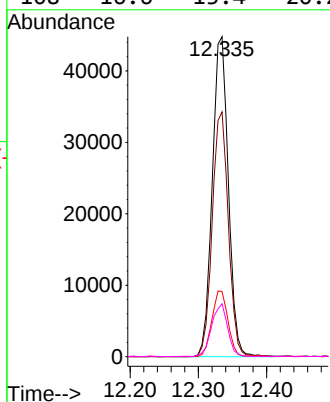
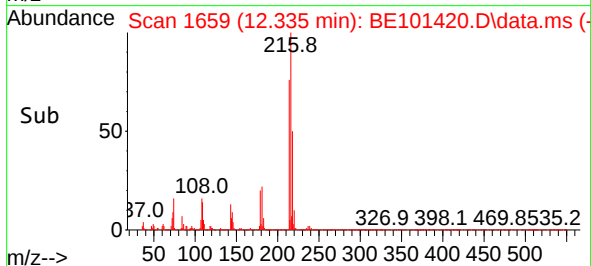
Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT4-2024



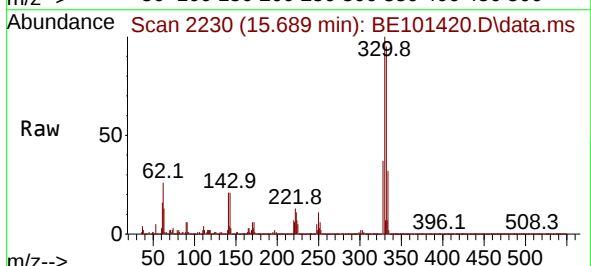
Tgt Ion: 216 Resp: 7338
Ion Ratio Lower Upper
216 100
214 76.8 63.0 94.4
179 20.7 16.7 25.1
108 16.6 13.4 20.2

Manual Integrations
APPROVED

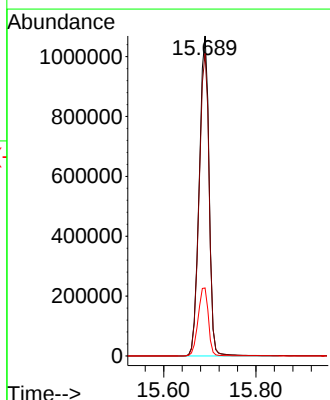
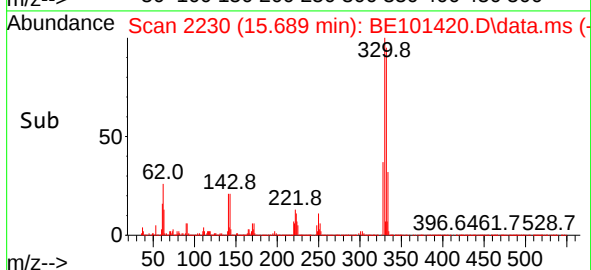
Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024

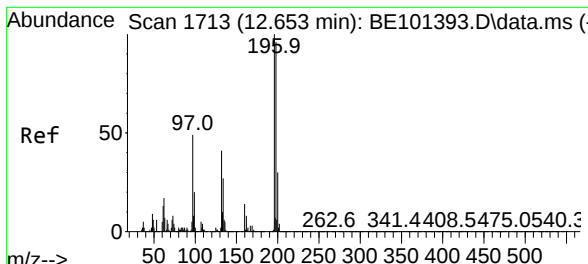


#42
2,4,6-Tribromophenol
Concen: 107.076 ng
RT: 15.689 min Scan# 2230
Delta R.T. -0.001 min
Lab File: BE101420.D
Acq: 30 Oct 2024 12:23



Tgt Ion: 330 Resp: 1590479
Ion Ratio Lower Upper
330 100
332 96.0 78.2 117.2
141 22.1 18.3 27.5





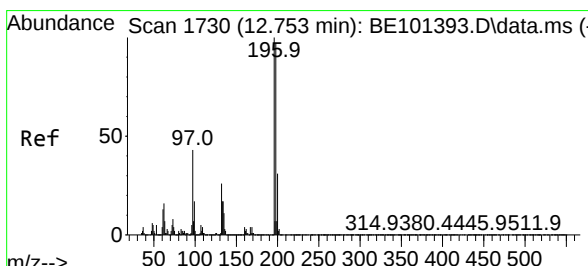
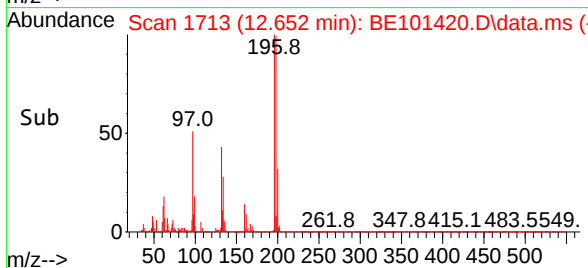
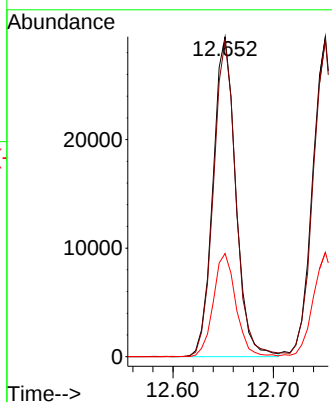
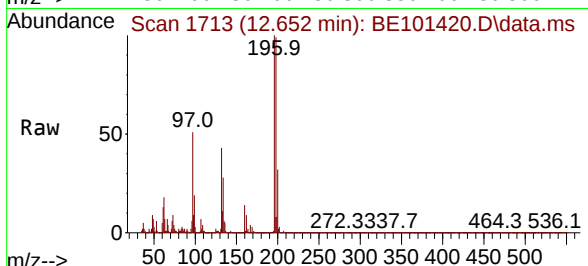
#43
2,4,6-Trichlorophenol
Concen: 3.147 ng
RT: 12.652 min Scan# 1713
Delta R.T. -0.001 min
Lab File: BE101420.D
Acq: 30 Oct 2024 12:23

Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT4-2024

Tgt Ion:	196	Resp:	4615
Ion Ratio	Lower	Upper	
196	100		
198	98.9	76.6	115.0
200	32.3	24.1	36.1

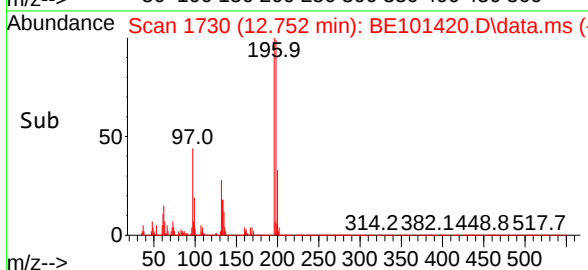
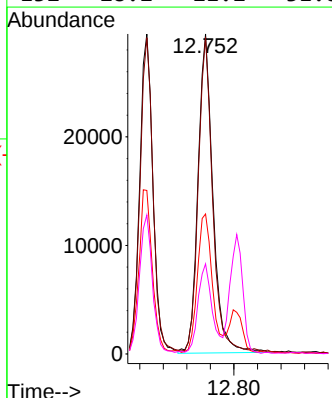
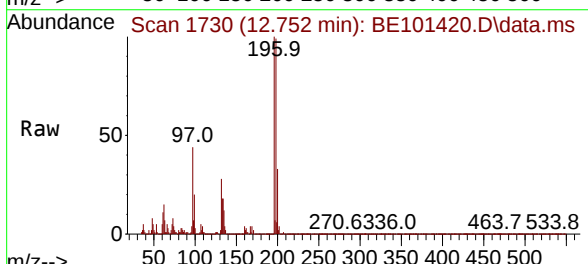
Manual Integrations
APPROVED

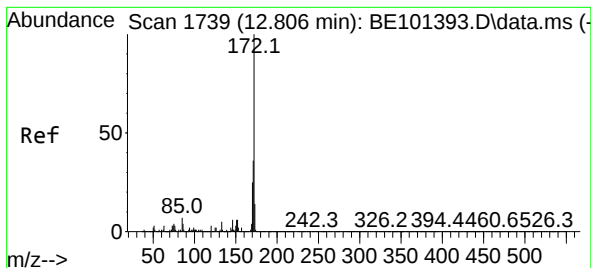
Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024



#44
2,4,5-Trichlorophenol
Concen: 3.087 ng
RT: 12.752 min Scan# 1730
Delta R.T. -0.001 min
Lab File: BE101420.D
Acq: 30 Oct 2024 12:23

Tgt Ion:	196	Resp:	51848
Ion Ratio	Lower	Upper	
196	100		
198	99.1	77.4	116.0
97	43.7	34.8	52.2
132	28.2	21.2	31.8





#45

2-Fluorobiphenyl

Concen: 68.687 ng

RT: 12.805 min Scan# 1739

Delta R.T. -0.001 min

Lab File: BE101420.D

Acq: 30 Oct 2024 12:23

Instrument :

BNA_E

ClientSampleId :

MDL-WATER-03-QT4-2024

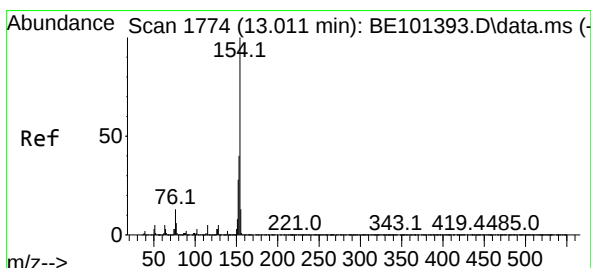
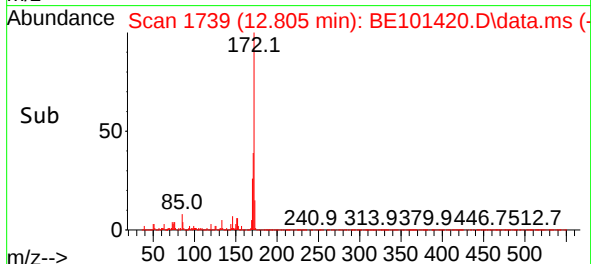
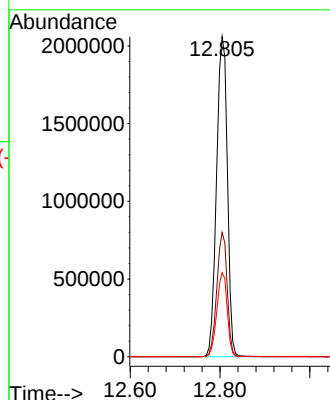
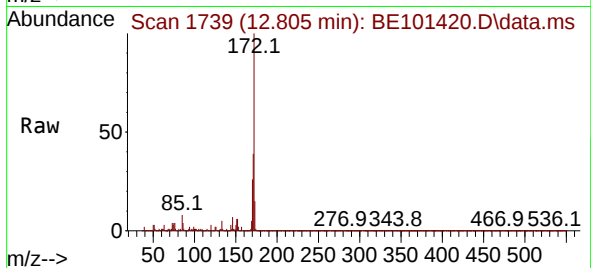
Tgt Ion:172 Resp: 343725

Ion	Ratio	Lower	Upper
172	100		
171	38.8	29.2	43.8
170	26.3	19.8	29.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024



#46

1,1'-Biphenyl

Concen: 3.735 ng

RT: 13.004 min Scan# 1773

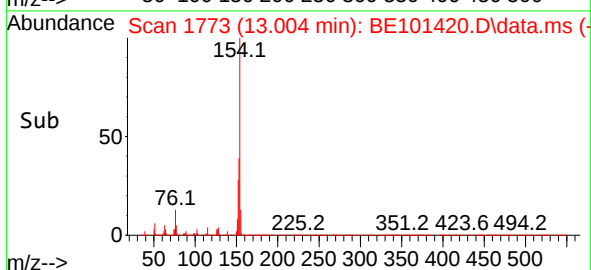
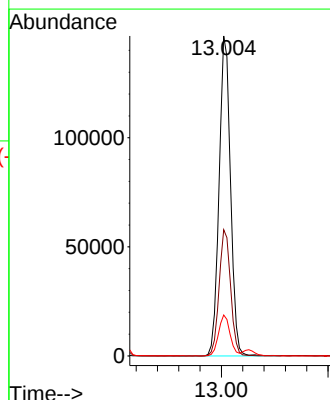
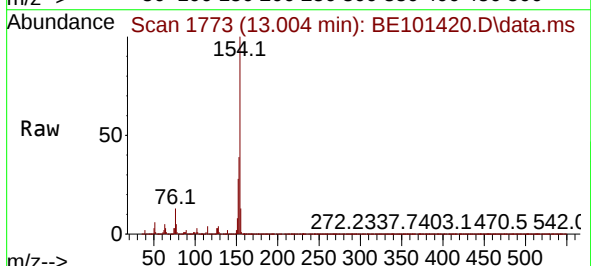
Delta R.T. -0.007 min

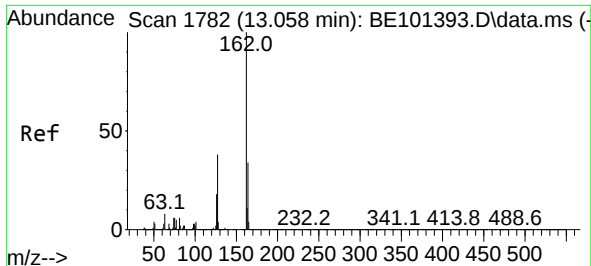
Lab File: BE101420.D

Acq: 30 Oct 2024 12:23

Tgt Ion:154 Resp: 216843

Ion	Ratio	Lower	Upper
154	100		
153	39.5	20.3	60.3
76	12.8	0.0	32.6





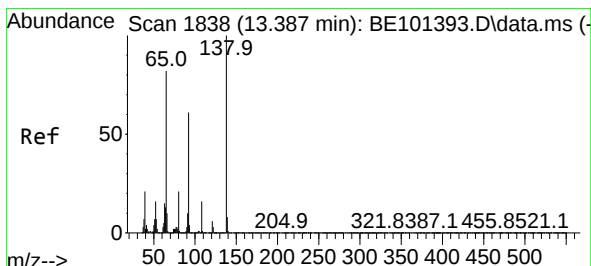
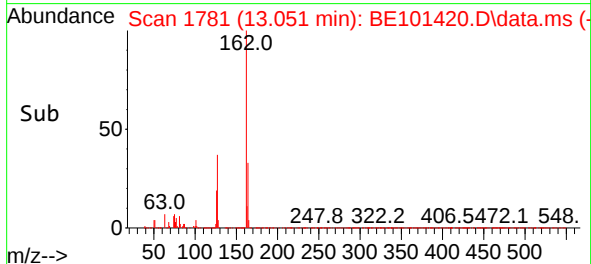
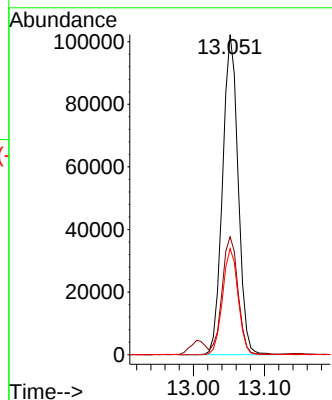
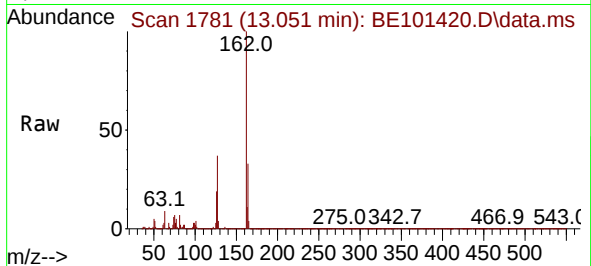
#47
2-Chloronaphthalene
Concen: 3.373 ng
RT: 13.051 min Scan# 1782
Delta R.T. -0.007 min
Lab File: BE101420.D
Acq: 30 Oct 2024 12:23

Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT4-2024

Tgt Ion:162 Resp: 154728
Ion Ratio Lower Upper
162 100
127 36.9 30.4 45.6
164 33.2 27.0 40.6

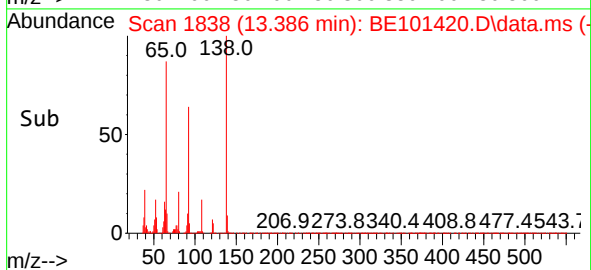
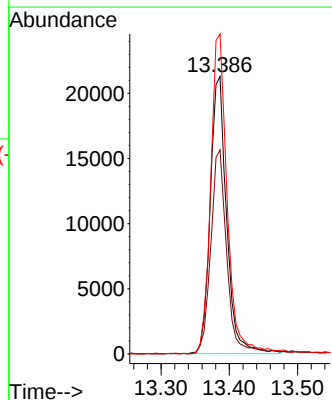
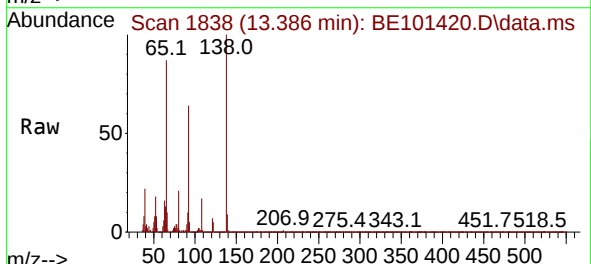
Manual Integrations
APPROVED

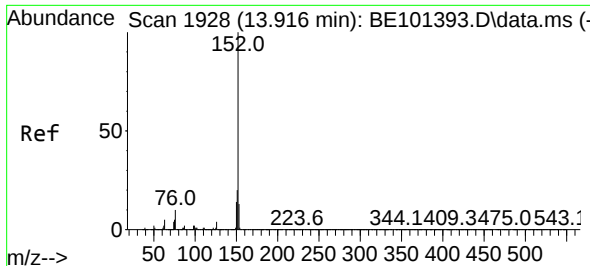
Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024



#48
2-Nitroaniline
Concen: 2.879 ng
RT: 13.386 min Scan# 1838
Delta R.T. -0.001 min
Lab File: BE101420.D
Acq: 30 Oct 2024 12:23

Tgt Ion: 65 Resp: 35543
Ion Ratio Lower Upper
65 100
92 73.5 59.0 88.4
138 115.3 97.4 146.0





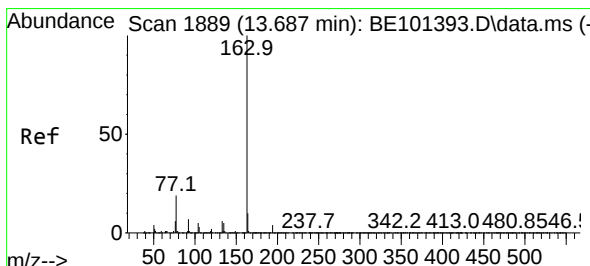
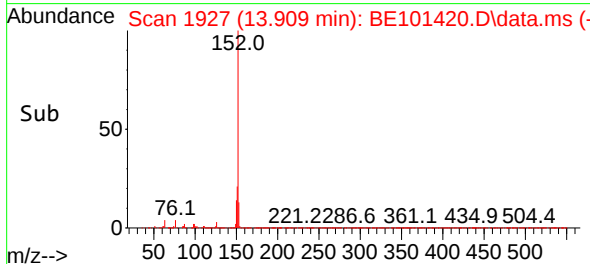
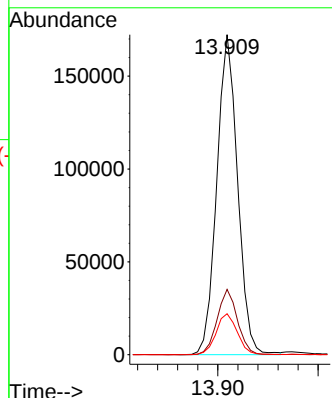
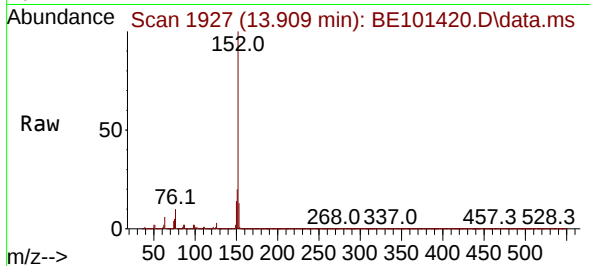
#49
Acenaphthylene
Concen: 3.649 ng
RT: 13.909 min Scan# 1927
Delta R.T. -0.007 min
Lab File: BE101420.D
Acq: 30 Oct 2024 12:23

Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT4-2024

Tgt Ion:152 Resp: 24755
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 12.8 10.5 15.7

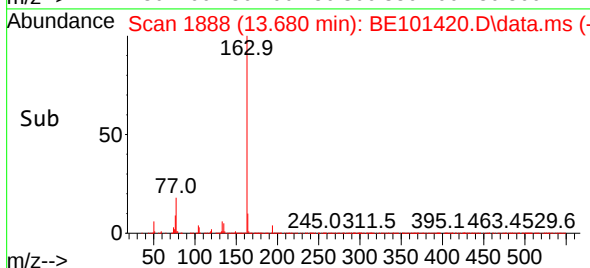
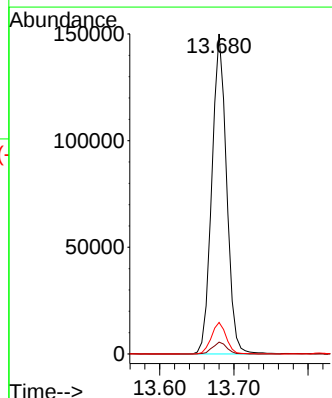
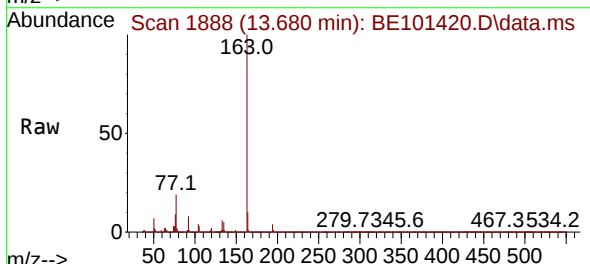
Manual Integrations
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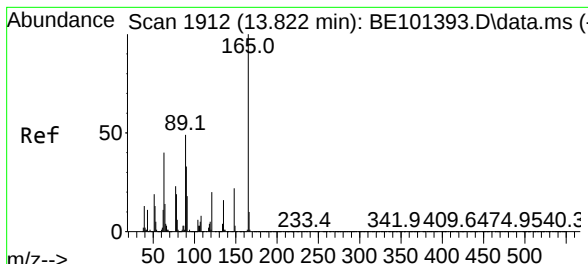
Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024



#50
Dimethylphthalate
Concen: 3.459 ng
RT: 13.680 min Scan# 1888
Delta R.T. -0.007 min
Lab File: BE101420.D
Acq: 30 Oct 2024 12:23

Tgt Ion:163 Resp: 206931
Ion Ratio Lower Upper
163 100
194 3.7 2.9 4.3
164 9.9 8.4 12.6



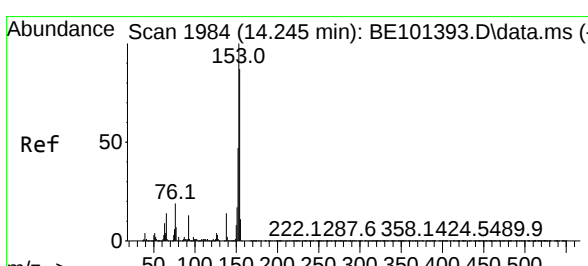
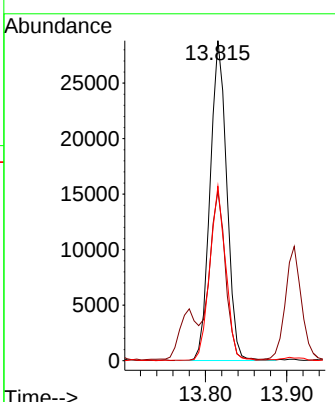
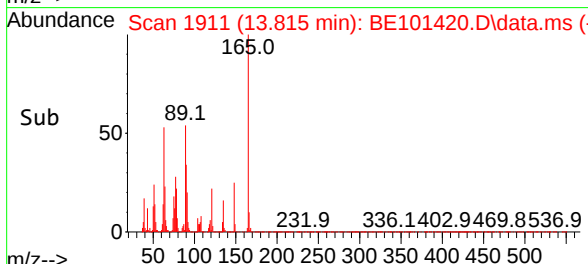
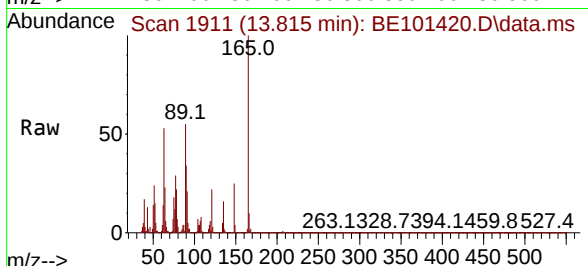


#51
 2,6-Dinitrotoluene
 Concen: 2.976 ng
 RT: 13.815 min Scan# 1911
 Delta R.T. -0.007 min
 Lab File: BE101420.D
 Acq: 30 Oct 2024 12:23

Instrument : BNA_E
 ClientSampleId : MDL-WATER-03-QT4-2024

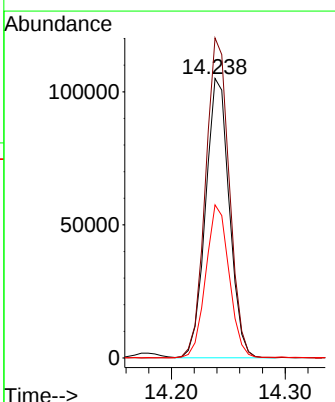
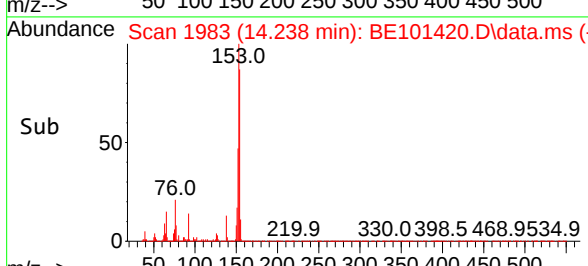
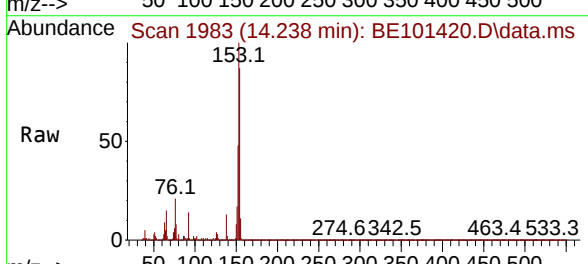
Tgt Ion:	165	Resp:	41109
Ion Ratio	Lower	Upper	
165	100		
63	53.0	38.0	57.0
89	54.5	39.5	59.3

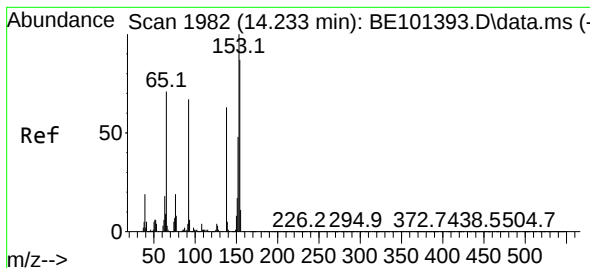
Manual Integrations
APPROVED
 Reviewed By :Jagrut Upadhyay 11/05/2024
 Supervised By :mohammad ahmed 11/06/2024



#52
 Acenaphthene
 Concen: 3.430 ng
 RT: 14.238 min Scan# 1983
 Delta R.T. -0.007 min
 Lab File: BE101420.D
 Acq: 30 Oct 2024 12:23

Tgt Ion:	154	Resp:	151951
Ion Ratio	Lower	Upper	
154	100		
153	114.5	91.8	137.6
152	54.8	43.1	64.7





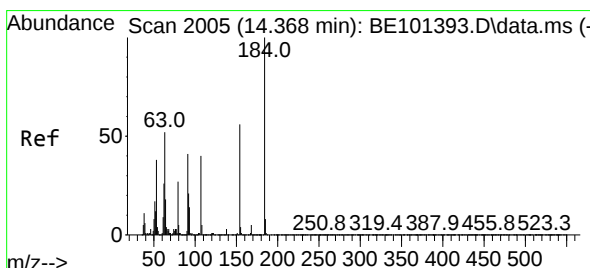
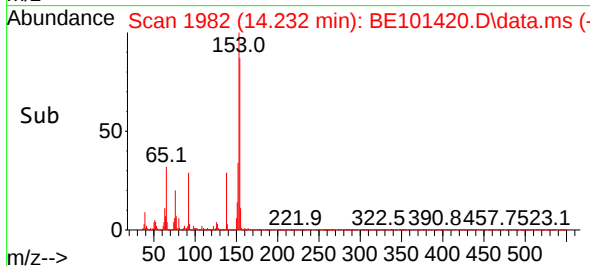
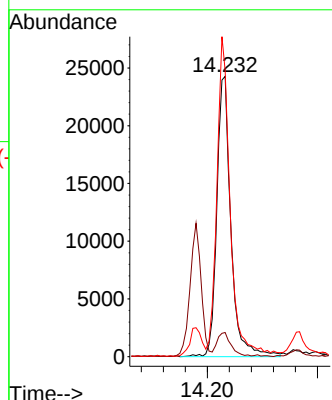
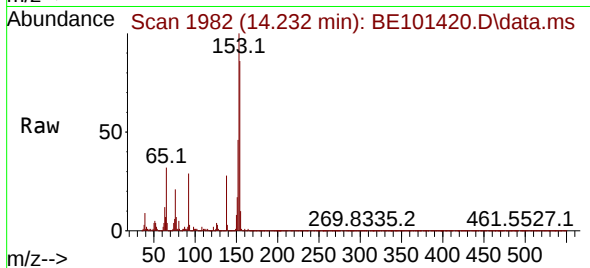
#53
3-Nitroaniline
Concen: 3.146 ng
RT: 14.232 min Scan# 1982
Delta R.T. -0.001 min
Lab File: BE101420.D
Acq: 30 Oct 2024 12:23

Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT4-2024

Tgt Ion:138 Resp: 43209
Ion Ratio Lower Upper
138 100
108 8.6 7.1 10.7
92 102.0 84.4 126.6

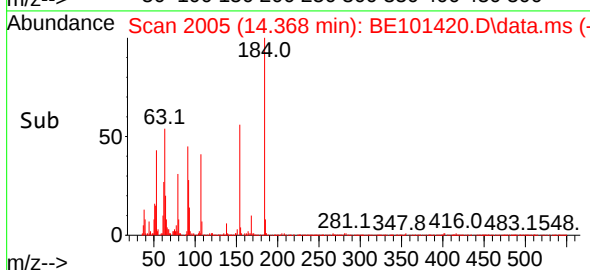
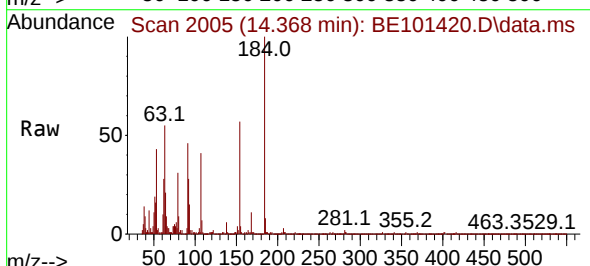
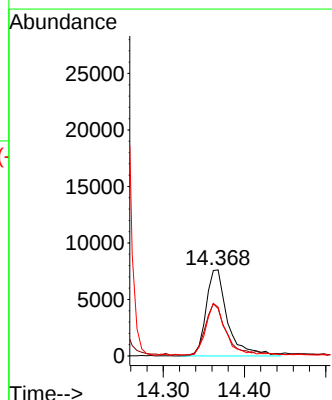
Manual Integrations
APPROVED

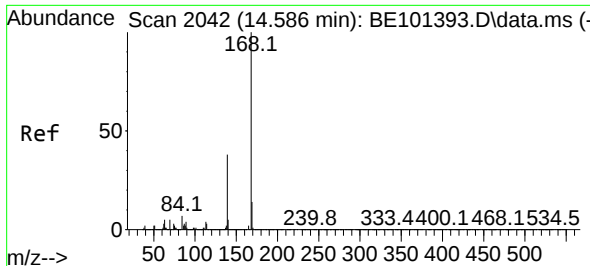
Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024



#54
2,4-Dinitrophenol
Concen: 6.938 ng
RT: 14.368 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BE101420.D
Acq: 30 Oct 2024 12:23

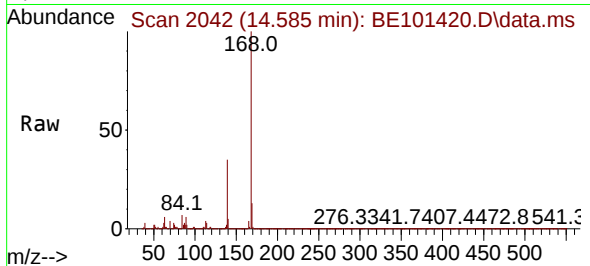
Tgt Ion:184 Resp: 13951
Ion Ratio Lower Upper
184 100
63 55.2 41.8 62.6
154 56.8 44.9 67.3





#55
Dibenzenofuran
Concen: 3.594 ng
RT: 14.585 min Scan# 2042
Delta R.T. -0.001 min
Lab File: BE101420.D
Acq: 30 Oct 2024 12:23

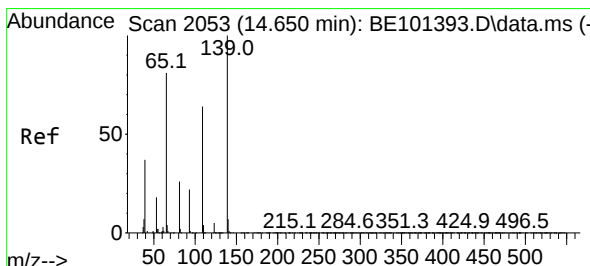
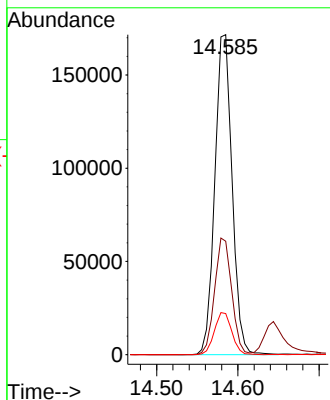
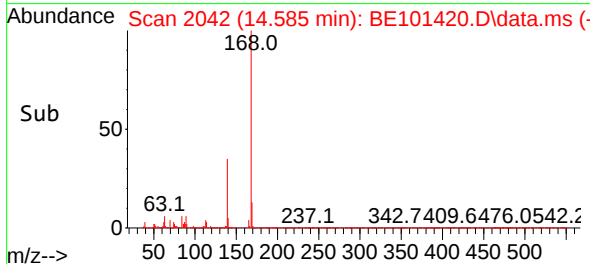
Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT4-2024



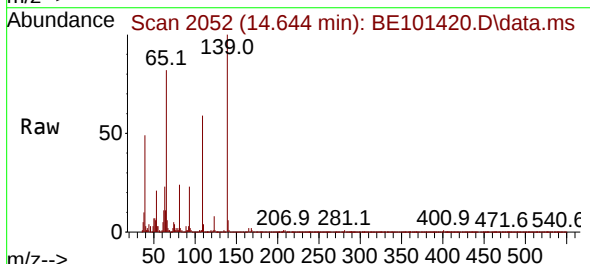
Tgt Ion:168 Resp: 253754
Ion Ratio Lower Upper
168 100
139 35.4 30.2 45.4
169 12.9 11.0 16.4

Manual Integrations
APPROVED

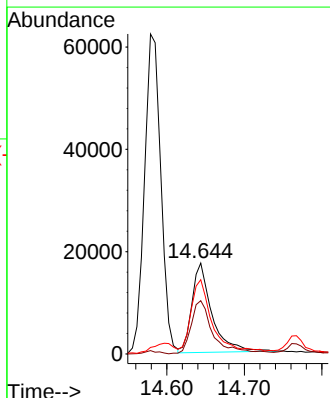
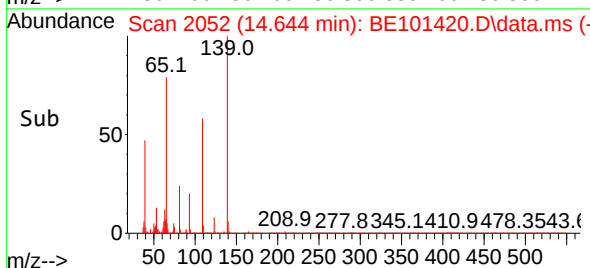
Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024

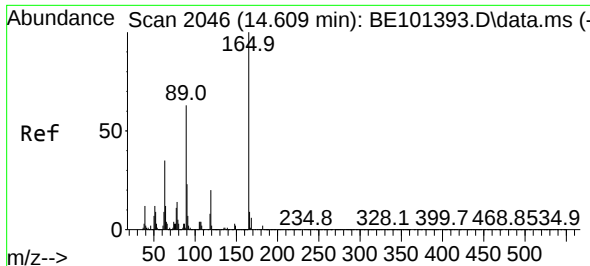


#56
4-Nitrophenol
Concen: 2.483 ng
RT: 14.644 min Scan# 2052
Delta R.T. -0.006 min
Lab File: BE101420.D
Acq: 30 Oct 2024 12:23



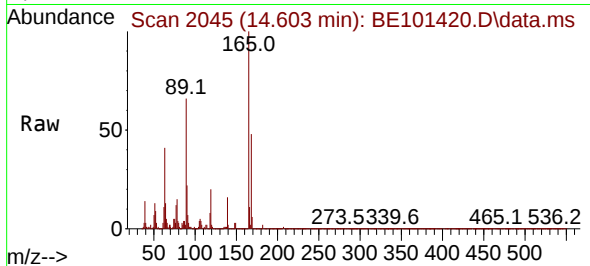
Tgt Ion:139 Resp: 31228
Ion Ratio Lower Upper
139 100
109 58.6 42.4 82.4
65 81.6 63.4 103.4





#57
2,4-Dinitrotoluene
Concen: 2.813 ng
RT: 14.603 min Scan# 2045
Delta R.T. -0.007 min
Lab File: BE101420.D
Acq: 30 Oct 2024 12:23

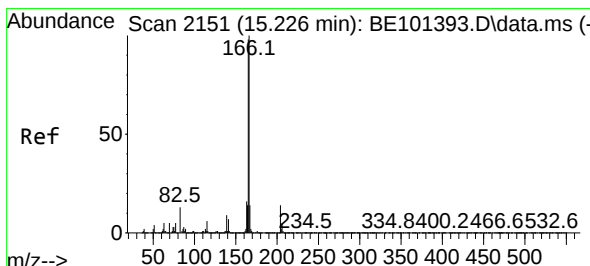
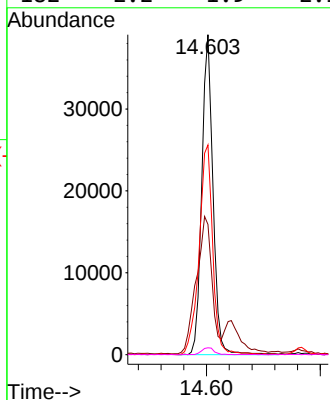
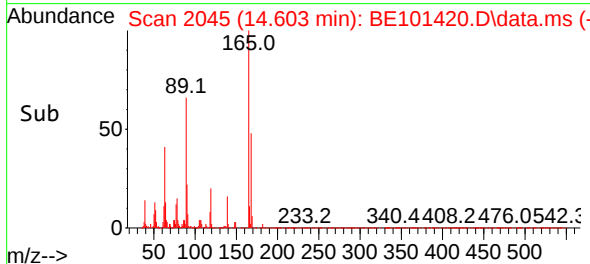
Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT4-2024



Tgt Ion:	165	Resp:	53479
Ion Ratio	Lower	Upper	
165	100		
63	40.7	28.6	42.8
89	65.6	50.8	76.2
182	2.2	1.9	2.9

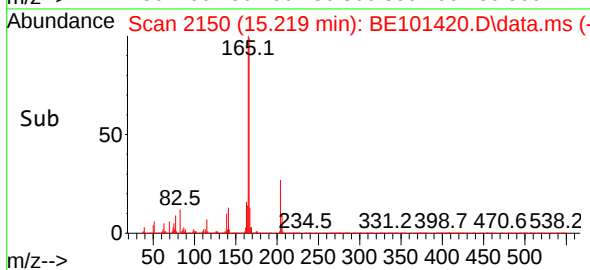
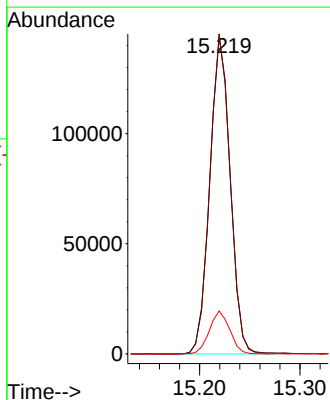
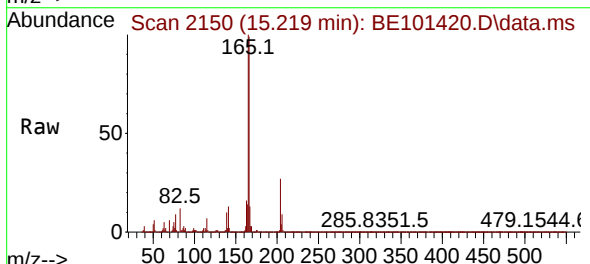
Manual Integrations
APPROVED

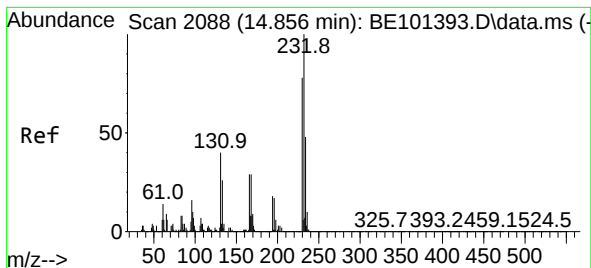
Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024



#58
Fluorene
Concen: 3.441 ng
RT: 15.219 min Scan# 2150
Delta R.T. -0.007 min
Lab File: BE101420.D
Acq: 30 Oct 2024 12:23

Tgt Ion:	166	Resp:	203247
Ion Ratio	Lower	Upper	
166	100		
165	101.0	78.7	118.1
167	13.6	11.0	16.4





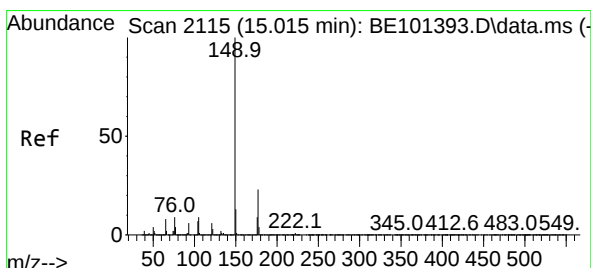
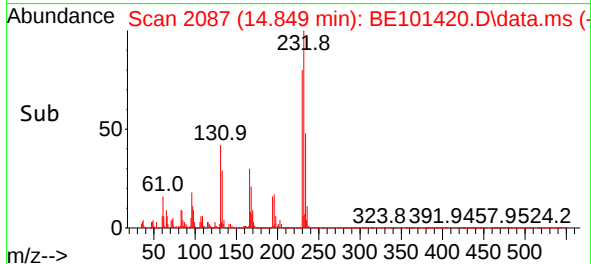
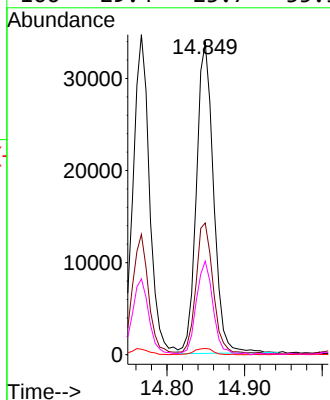
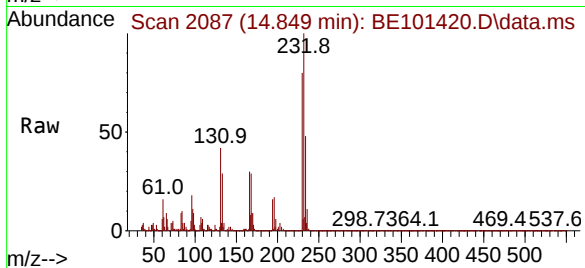
#59
2,3,4,6-Tetrachlorophenol
Concen: 3.338 ng
RT: 14.849 min Scan# 2087
Delta R.T. -0.007 min
Lab File: BE101420.D
Acq: 30 Oct 2024 12:23

Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT4-2024

Tgt Ion:232 Resp: 51792
Ion Ratio Lower Upper
232 100
131 42.9 33.5 50.3
130 2.3 1.6 2.4
166 29.4 23.7 35.5

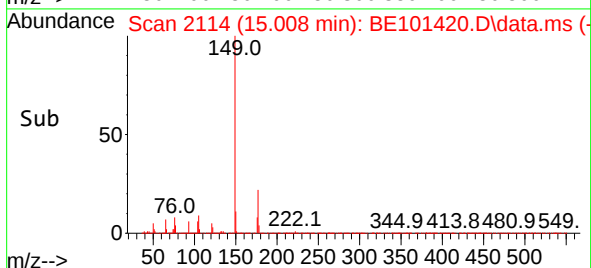
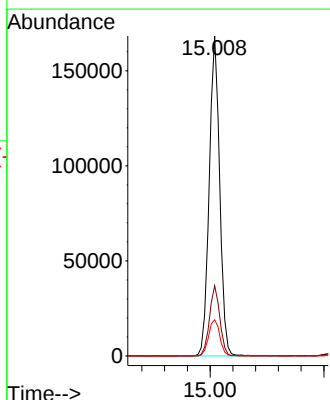
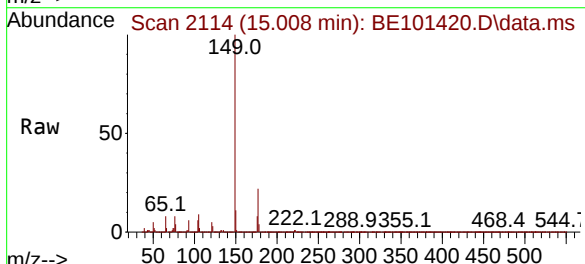
Manual Integrations
APPROVED

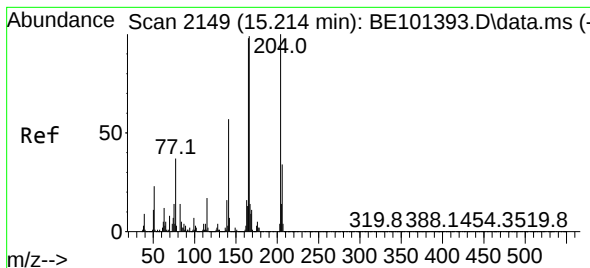
Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024



#60
Diethylphthalate
Concen: 3.418 ng
RT: 15.008 min Scan# 2114
Delta R.T. -0.007 min
Lab File: BE101420.D
Acq: 30 Oct 2024 12:23

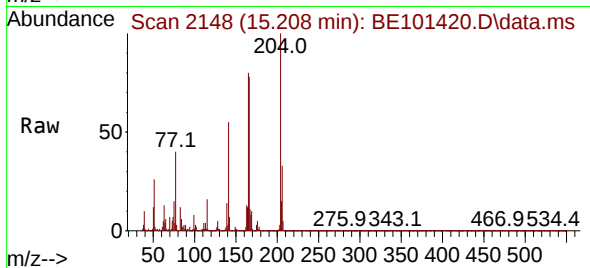
Tgt Ion:149 Resp: 213866
Ion Ratio Lower Upper
149 100
177 21.9 18.0 27.0
150 11.3 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 3.506 ng
RT: 15.208 min Scan# 2148
Delta R.T. -0.007 min
Lab File: BE101420.D
Acq: 30 Oct 2024 12:23

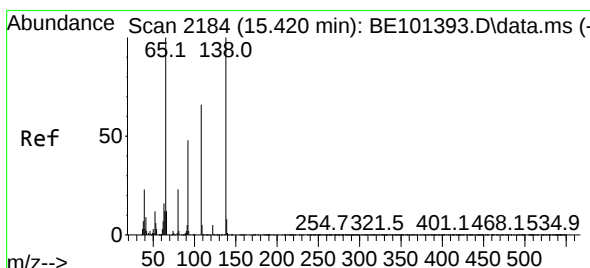
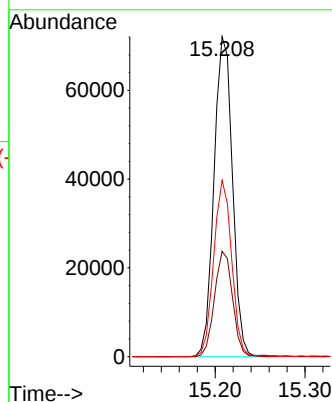
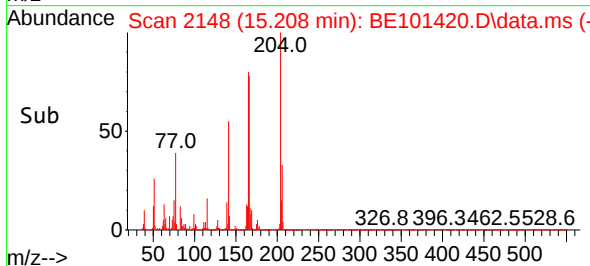
Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT4-2024



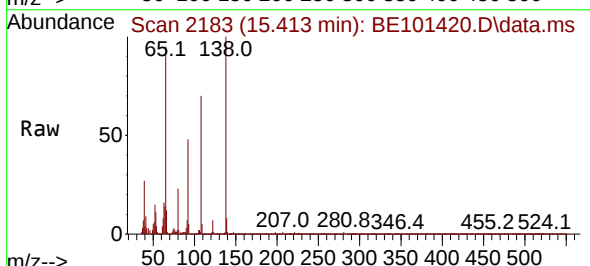
Tgt Ion: 204 Resp: 102769
Ion Ratio Lower Upper
204 100
206 33.0 26.9 40.3
141 55.1 45.9 68.9

Manual Integrations
APPROVED

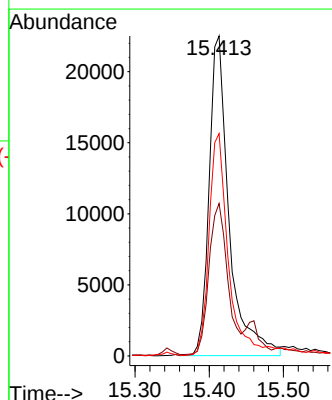
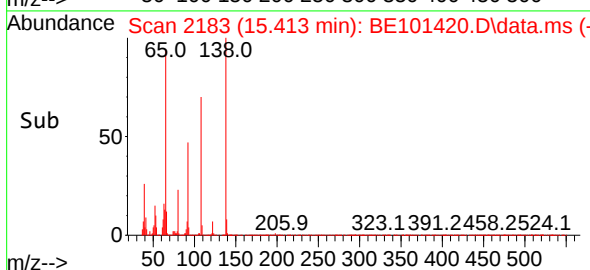
Reviewed By : Jagrut Upadhyay 11/05/2024
Supervised By : mohammad ahmed 11/06/2024

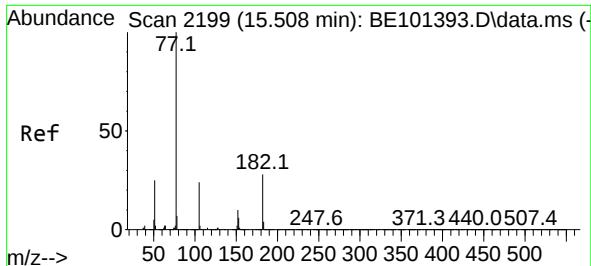


#62
4-Nitroaniline
Concen: 2.757 ng
RT: 15.413 min Scan# 2183
Delta R.T. -0.007 min
Lab File: BE101420.D
Acq: 30 Oct 2024 12:23



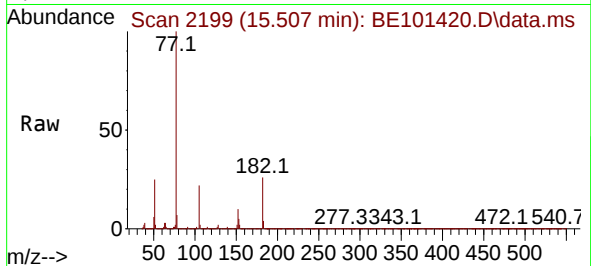
Tgt Ion: 138 Resp: 42137
Ion Ratio Lower Upper
138 100
92 47.6 28.7 68.7
108 69.5 46.5 86.5





#63
Azobenzene
Concen: 3.479 ng
RT: 15.507 min Scan# 2199
Delta R.T. -0.001 min
Lab File: BE101420.D
Acq: 30 Oct 2024 12:23

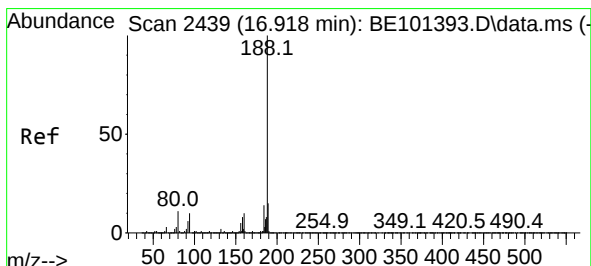
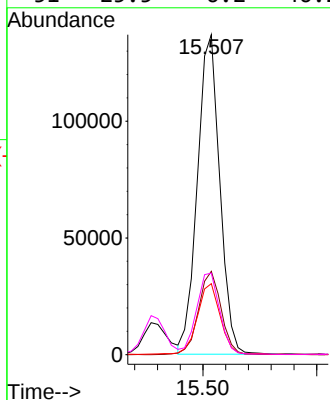
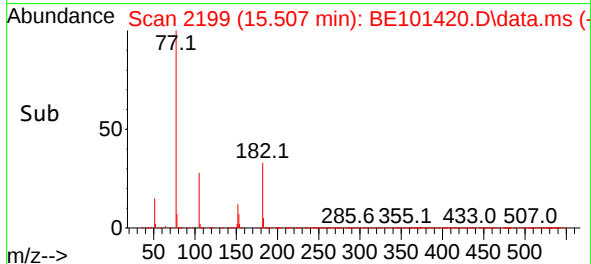
Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT4-2024



Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.1	7.6	47.6
105	22.2	3.2	43.2
51	25.5	6.2	46.2

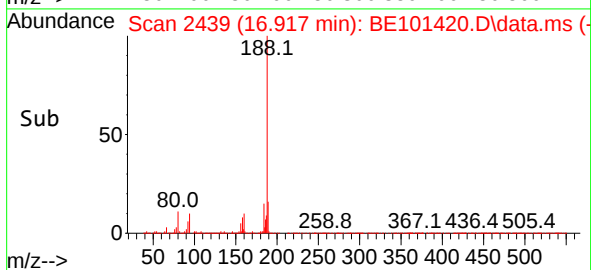
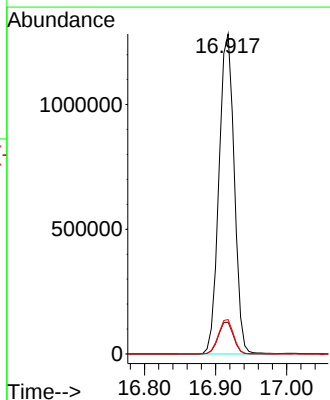
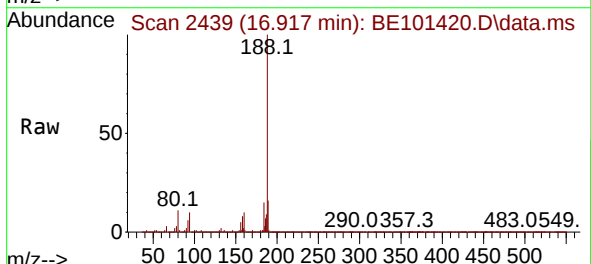
Manual Integrations
APPROVED

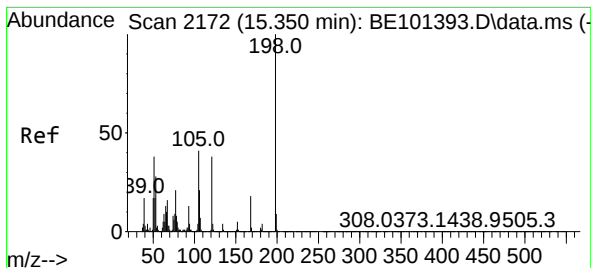
Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.917 min Scan# 2439
Delta R.T. -0.001 min
Lab File: BE101420.D
Acq: 30 Oct 2024 12:23

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.8	11.8
80	10.8	8.6	12.8





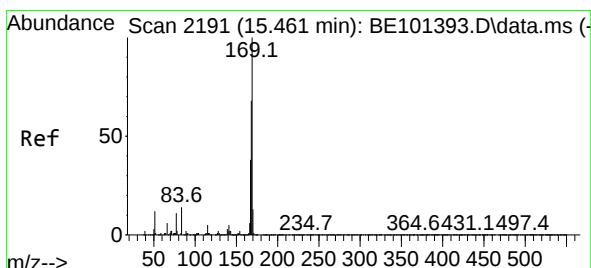
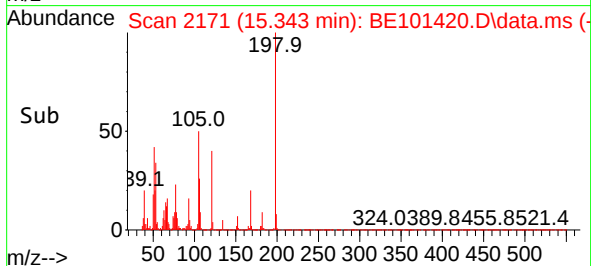
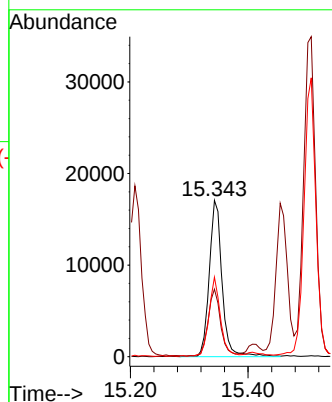
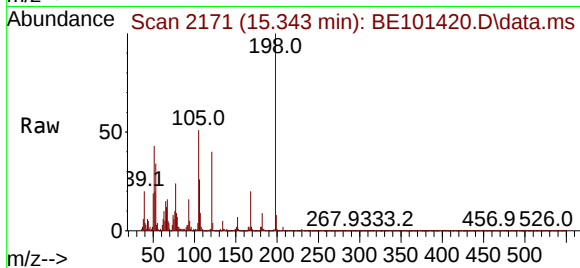
#65
4,6-Dinitro-2-methylphenol
Concen: 2.298 ng
RT: 15.343 min Scan# 2171
Delta R.T. -0.007 min
Lab File: BE101420.D
Acq: 30 Oct 2024 12:23

Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT4-2024

Tgt Ion:198 Resp: 25758
Ion Ratio Lower Upper
198 100
51 43.2 18.2 58.2
105 50.9 21.5 61.5

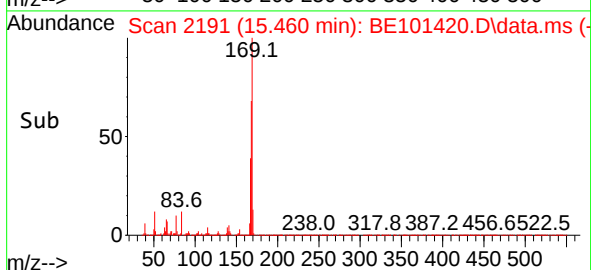
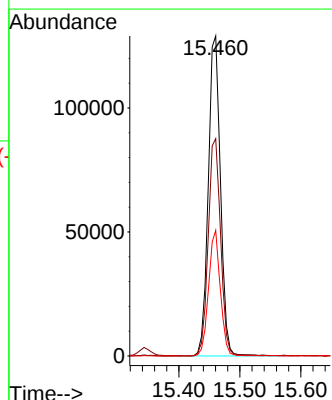
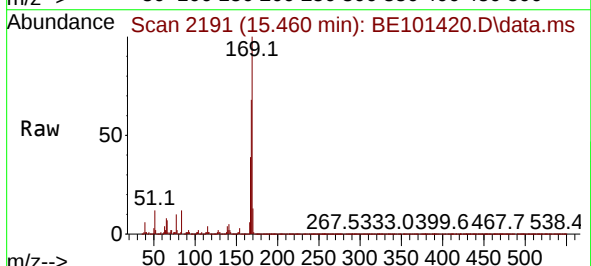
Manual Integrations
APPROVED

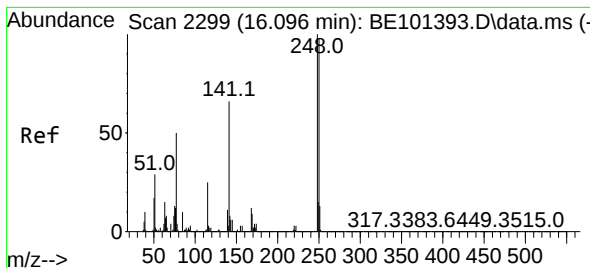
Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024



#66
n-Nitrosodiphenylamine
Concen: 3.545 ng
RT: 15.460 min Scan# 2191
Delta R.T. -0.001 min
Lab File: BE101420.D
Acq: 30 Oct 2024 12:23

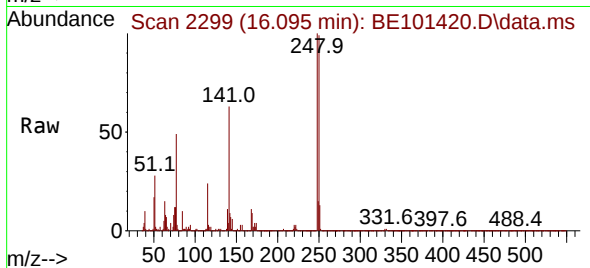
Tgt Ion:169 Resp: 179303
Ion Ratio Lower Upper
169 100
168 67.9 54.5 81.7
167 39.3 30.4 45.6





#67
4-Bromophenyl-phenylether
Concen: 3.452 ng
RT: 16.095 min Scan# 21
Delta R.T. -0.001 min
Lab File: BE101420.D
Acq: 30 Oct 2024 12:23

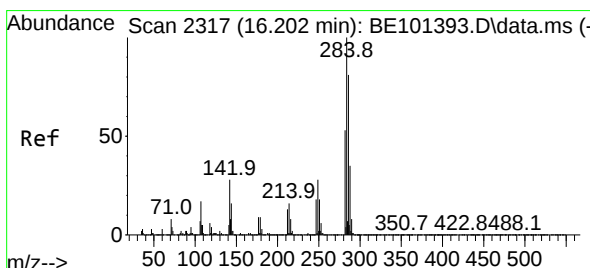
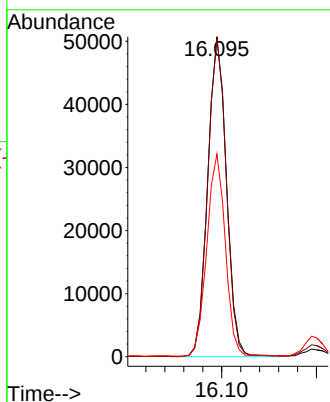
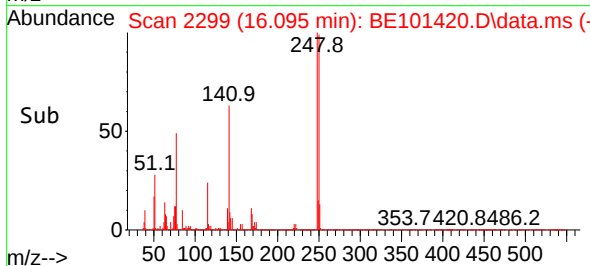
Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT4-2024



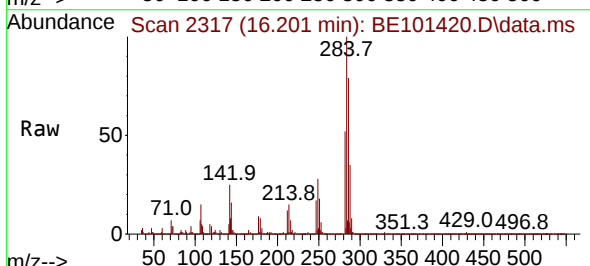
Tgt Ion:248 Resp: 6926
Ion Ratio Lower Upper
248 100
250 99.5 78.2 117.2
141 63.3 53.0 79.4

Manual Integrations
APPROVED

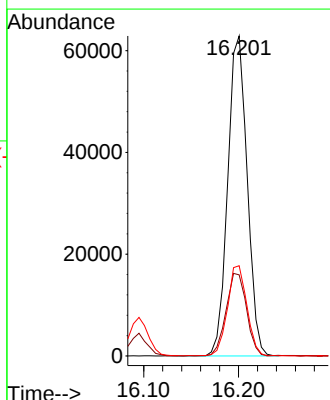
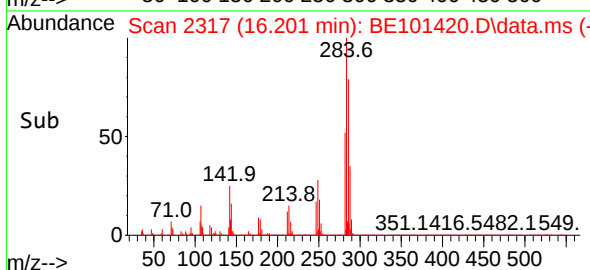
Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024

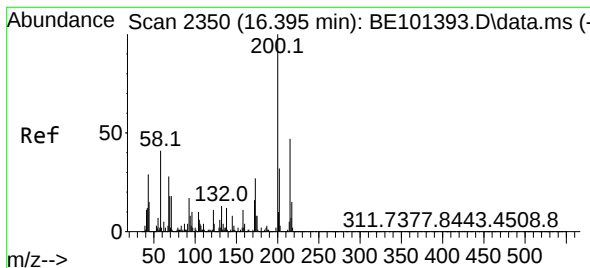


#68
Hexachlorobenzene
Concen: 3.408 ng
RT: 16.201 min Scan# 2317
Delta R.T. -0.001 min
Lab File: BE101420.D
Acq: 30 Oct 2024 12:23



Tgt Ion:284 Resp: 89632
Ion Ratio Lower Upper
284 100
142 25.4 22.2 33.2
249 31.0 22.8 34.2





#69

Atrazine

Concen: 4.180 ng

RT: 16.389 min Scan# 21

Delta R.T. -0.006 min

Lab File: BE101420.D

Acq: 30 Oct 2024 12:23

Instrument :

BNA_E

ClientSampleId :

MDL-WATER-03-QT4-2024

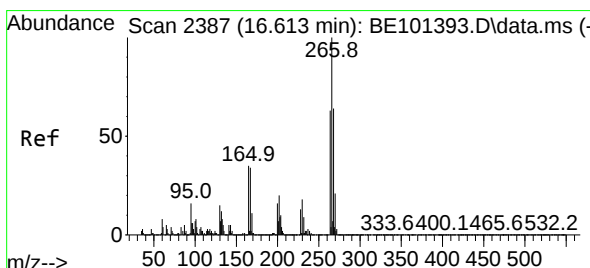
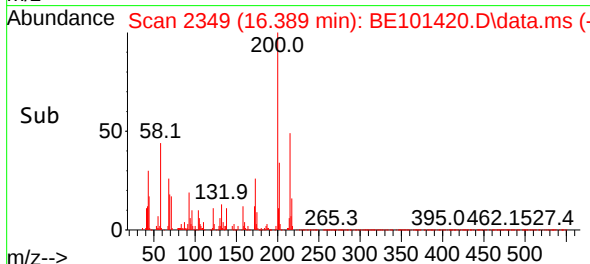
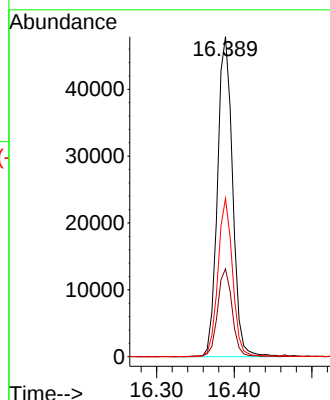
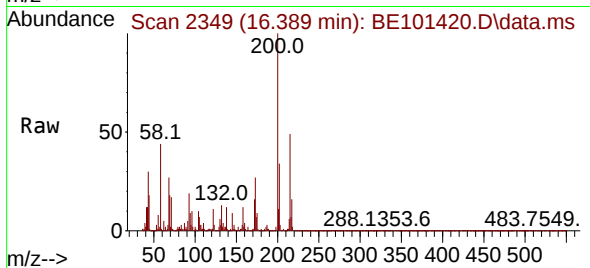
Tgt Ion:200 Resp: 6481

Ion	Ratio	Lower	Upper
200	100		
173	27.4	7.0	47.0
215	49.5	27.3	67.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024



#70

Pentachlorophenol

Concen: 2.666 ng

RT: 16.606 min Scan# 2386

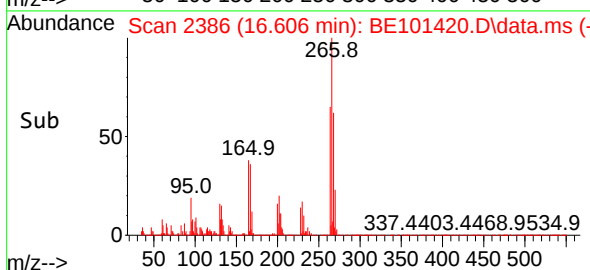
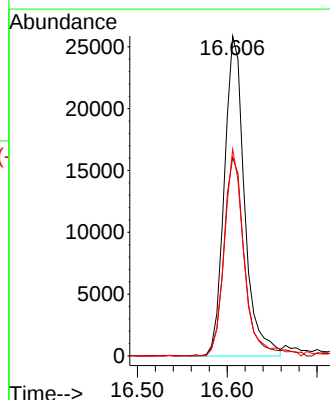
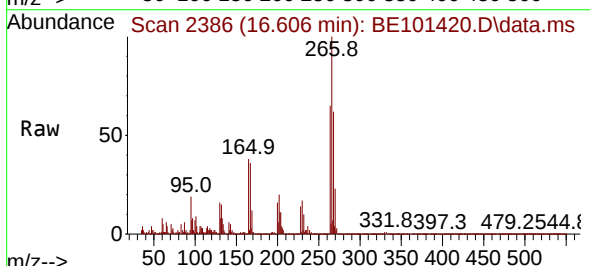
Delta R.T. -0.007 min

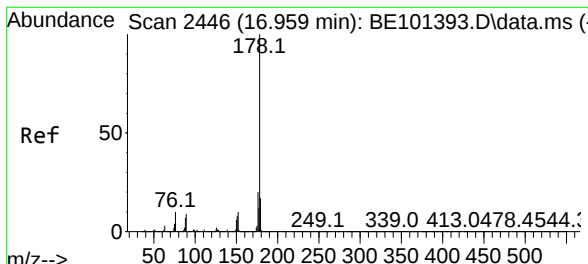
Lab File: BE101420.D

Acq: 30 Oct 2024 12:23

Tgt Ion:266 Resp: 40354

Ion	Ratio	Lower	Upper
266	100		
268	62.1	51.5	77.3
264	64.6	50.7	76.1





#71
Phenanthrene
Concen: 3.758 ng
RT: 16.953 min Scan# 2446
Delta R.T. -0.007 min
Lab File: BE101420.D
Acq: 30 Oct 2024 12:23

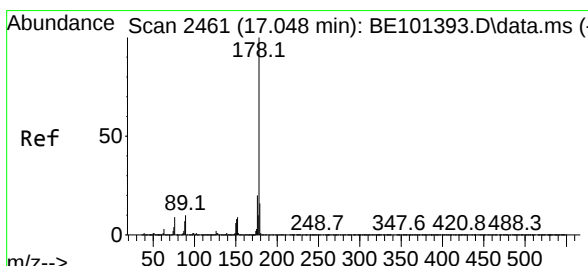
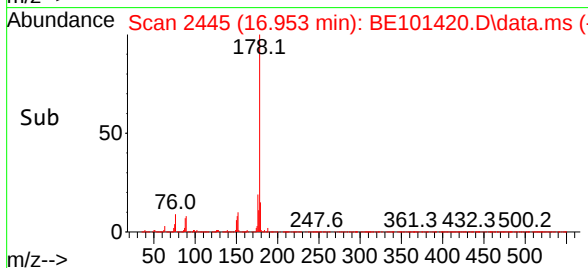
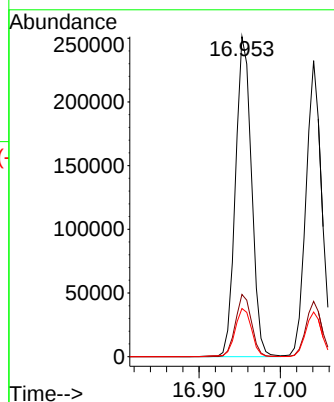
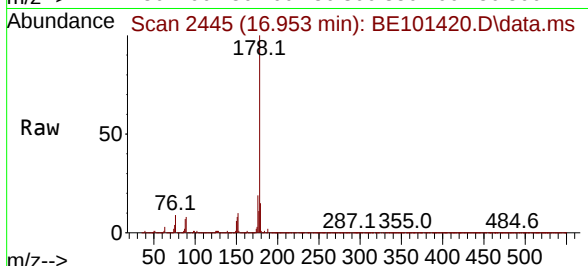
Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT4-2024

Tgt Ion:178 Resp: 343120

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.4	24.6
179	15.1	13.2	19.8

Manual Integrations
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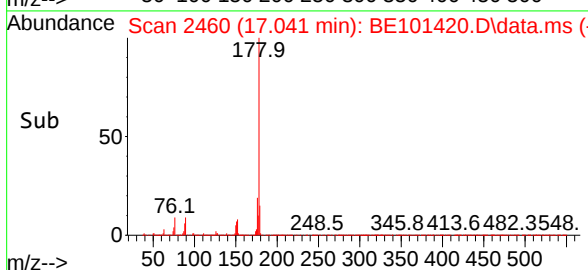
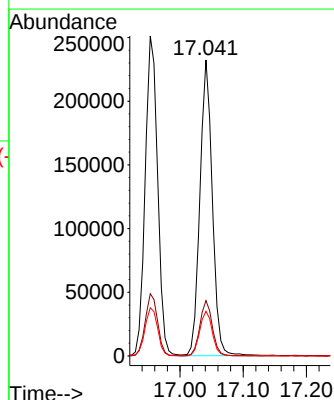
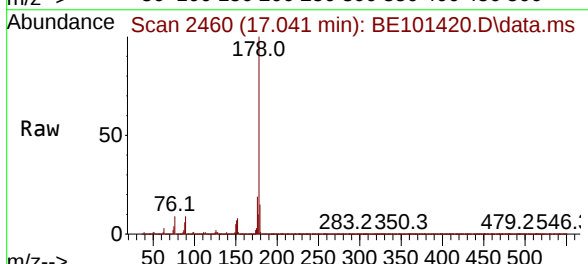
Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024

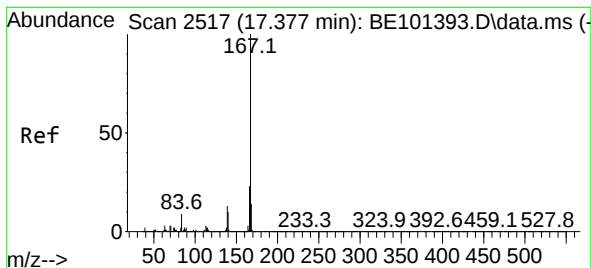


#72
Anthracene
Concen: 3.539 ng
RT: 17.041 min Scan# 2460
Delta R.T. -0.007 min
Lab File: BE101420.D
Acq: 30 Oct 2024 12:23

Tgt Ion:178 Resp: 315594

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.9	23.9
179	15.1	13.1	19.7





#73

Carbazole

Concen: 3.522 ng

RT: 17.370 min Scan# 2517

Delta R.T. -0.007 min

Lab File: BE101420.D

Acq: 30 Oct 2024 12:23

Instrument :

BNA_E

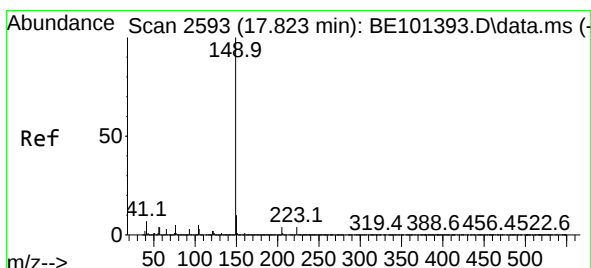
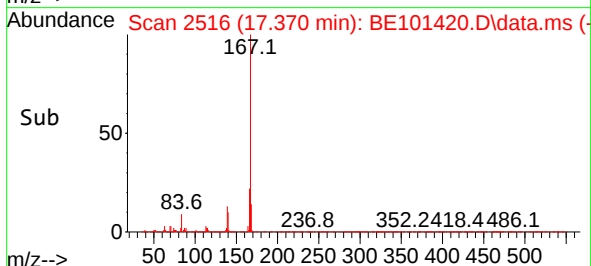
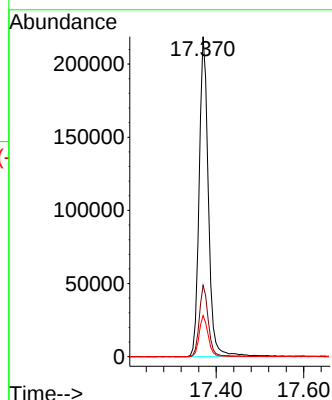
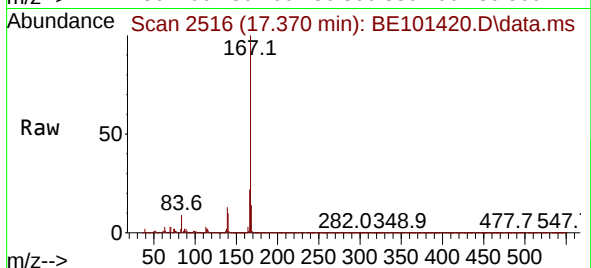
ClientSampleId :

MDL-WATER-03-QT4-2024

Tgt Ion:167 Resp: 321360
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.3 27.5
 139 12.9 10.8 16.2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/05/2024
 Supervised By :mohammad ahmed 11/06/2024



#74

Di-n-butylphthalate

Concen: 3.799 ng

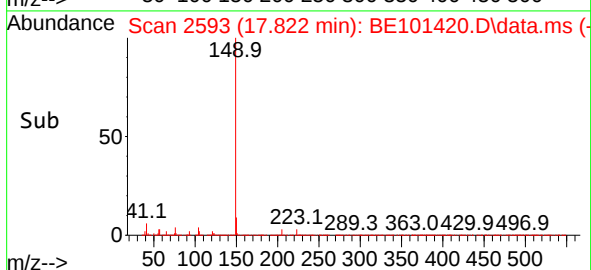
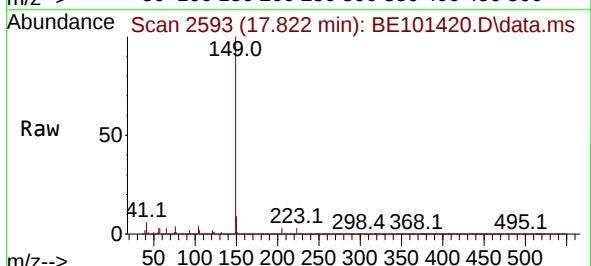
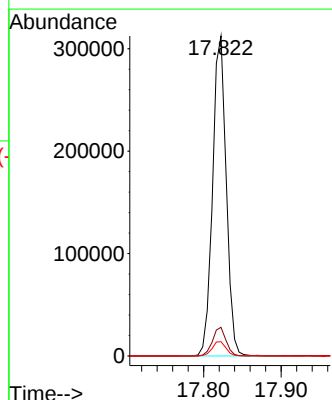
RT: 17.822 min Scan# 2593

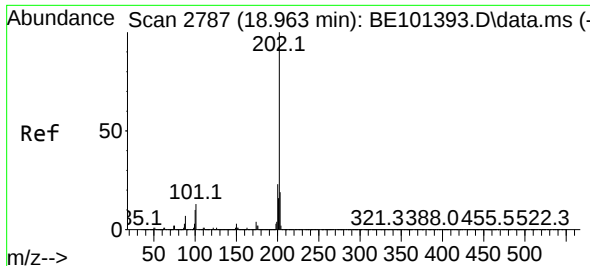
Delta R.T. -0.001 min

Lab File: BE101420.D

Acq: 30 Oct 2024 12:23

Tgt Ion:149 Resp: 381584
 Ion Ratio Lower Upper
 149 100
 150 9.0 8.2 12.4
 104 4.4 3.9 5.9





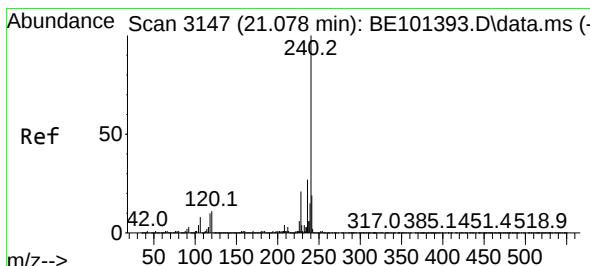
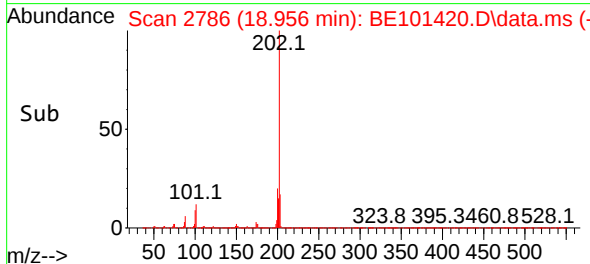
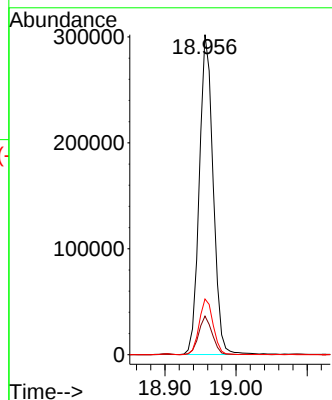
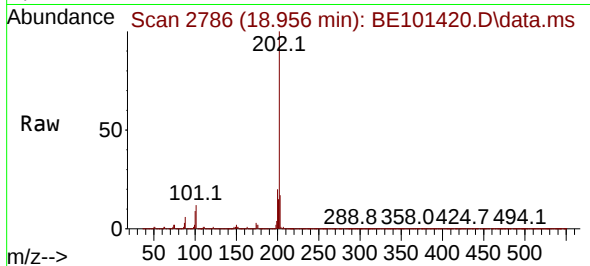
#75
Fluoranthene
Concen: 3.699 ng
RT: 18.956 min Scan# 210
Delta R.T. -0.007 min
Lab File: BE101420.D
Acq: 30 Oct 2024 12:23

Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT4-2024

Tgt Ion:202 Resp: 410208
Ion Ratio Lower Upper
202 100
101 12.0 0.0 33.3
203 17.4 0.0 39.3

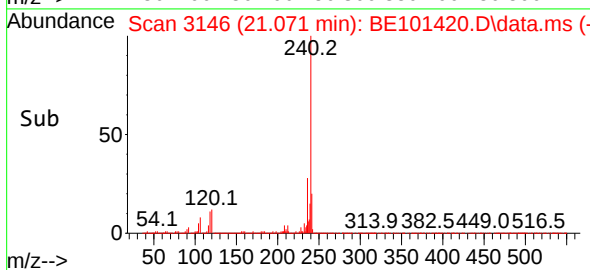
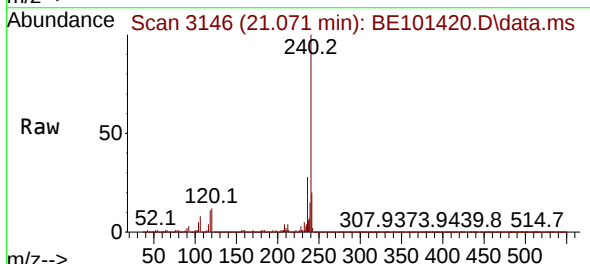
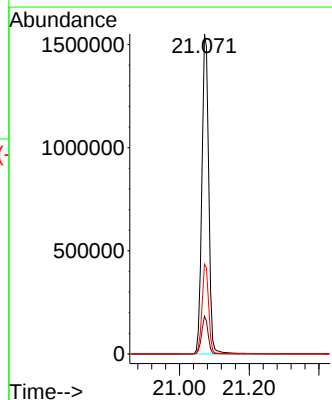
Manual Integrations
APPROVED

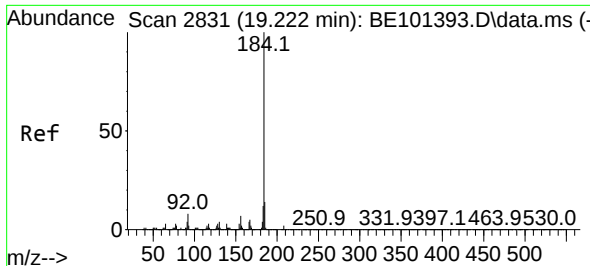
Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.071 min Scan# 3146
Delta R.T. -0.007 min
Lab File: BE101420.D
Acq: 30 Oct 2024 12:23

Tgt Ion:240 Resp: 2123448
Ion Ratio Lower Upper
240 100
120 11.8 9.0 13.4
236 28.0 21.4 32.0





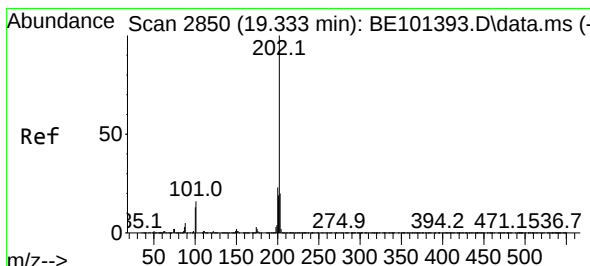
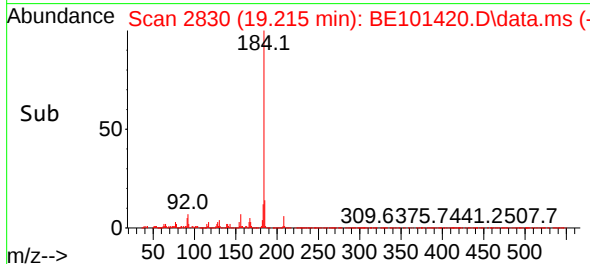
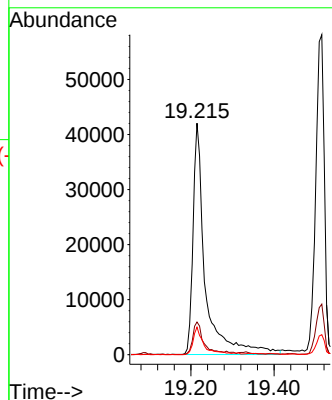
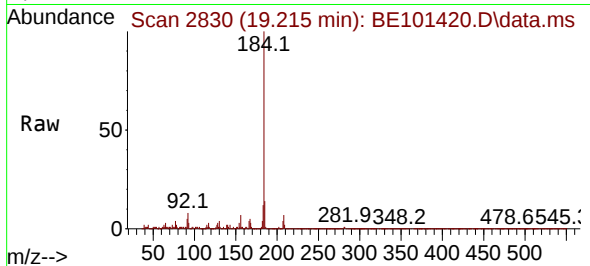
#77
Benzidine
Concen: 3.213 ng
RT: 19.215 min Scan# 2831
Delta R.T. -0.007 min
Lab File: BE101420.D
Acq: 30 Oct 2024 12:23

Instrument : BNA_E
ClientSampleId :
MDL-WATER-03-QT4-2024

Tgt Ion:184 Resp: 8658
Ion Ratio Lower Upper
184 100
185 14.1 11.5 17.3
183 11.9 9.3 13.9

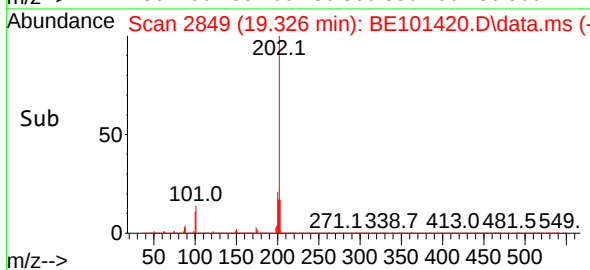
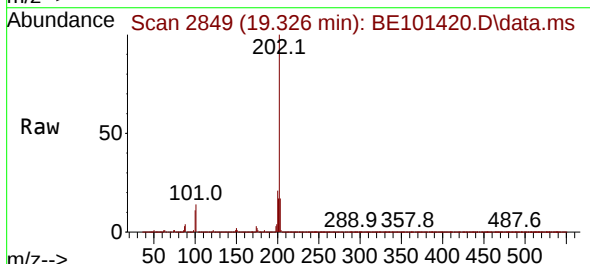
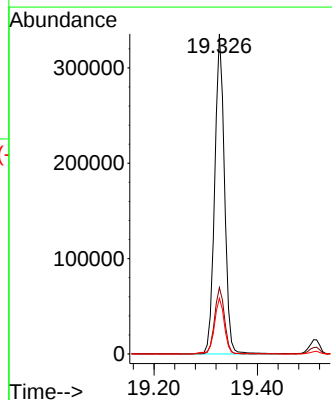
Manual Integrations
APPROVED

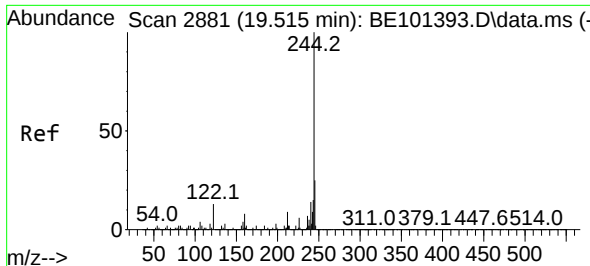
Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024



#78
Pyrene
Concen: 3.765 ng
RT: 19.326 min Scan# 2849
Delta R.T. -0.007 min
Lab File: BE101420.D
Acq: 30 Oct 2024 12:23

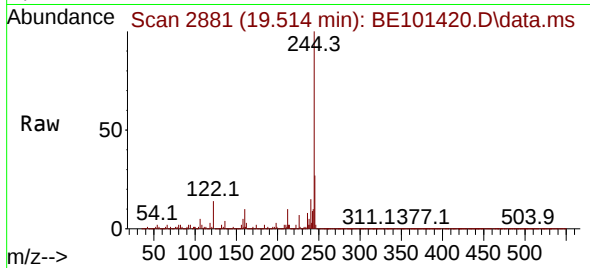
Tgt Ion:202 Resp: 439609
Ion Ratio Lower Upper
202 100
200 20.7 18.6 28.0
203 17.4 15.6 23.4





#79
Terphenyl-d14
Concen: 54.123 ng
RT: 19.514 min Scan# 2881
Delta R.T. -0.001 min
Lab File: BE101420.D
Acq: 30 Oct 2024 12:23

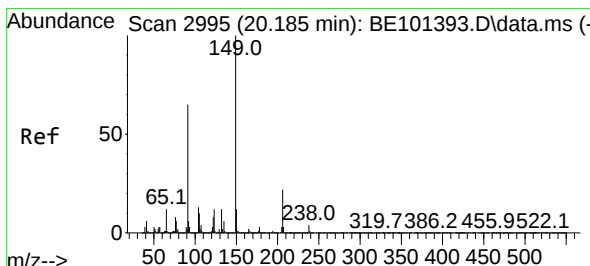
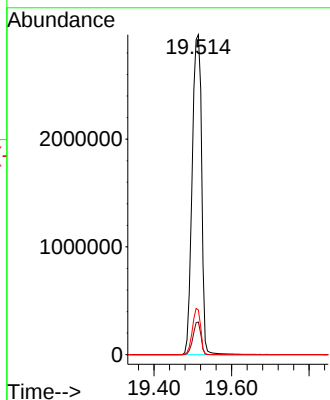
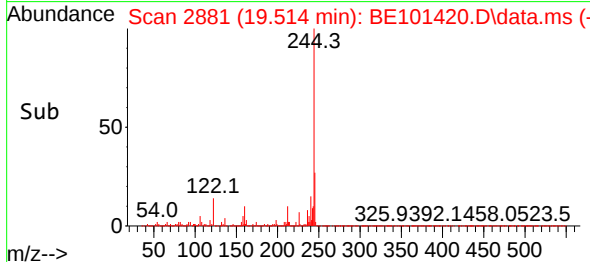
Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT4-2024



Tgt Ion:244 Resp: 499350
Ion Ratio Lower Upper
244 100
212 10.2 7.2 10.8
122 14.0 10.4 15.6

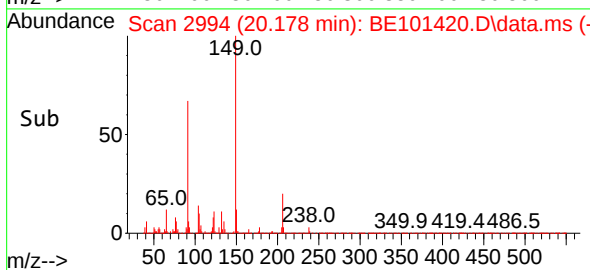
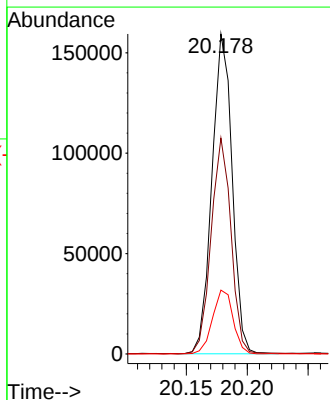
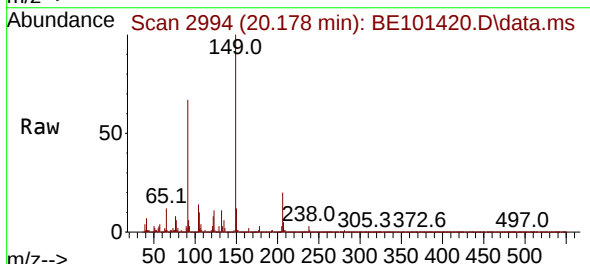
Manual Integrations
APPROVED

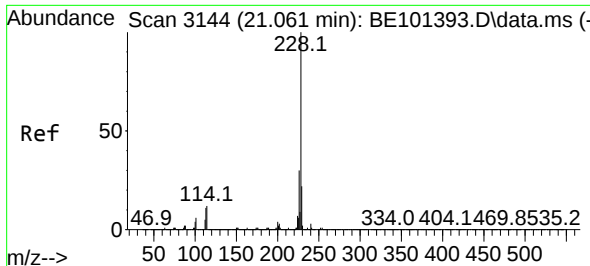
Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024



#80
Butylbenzylphthalate
Concen: 3.581 ng
RT: 20.178 min Scan# 2994
Delta R.T. -0.007 min
Lab File: BE101420.D
Acq: 30 Oct 2024 12:23

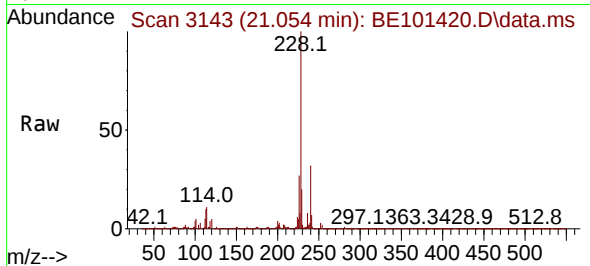
Tgt Ion:149 Resp: 183344
Ion Ratio Lower Upper
149 100
91 67.5 51.8 77.8
206 19.9 17.4 26.2





#81
Benzo(a)anthracene
Concen: 3.956 ng
RT: 21.054 min Scan# 3143
Delta R.T. -0.007 min
Lab File: BE101420.D
Acq: 30 Oct 2024 12:23

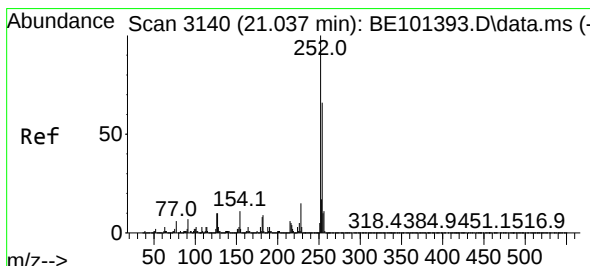
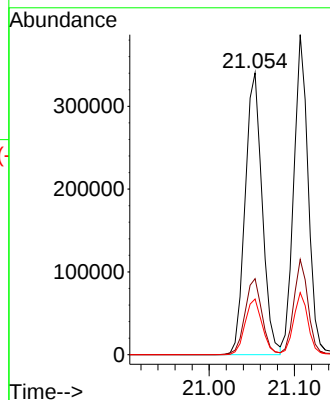
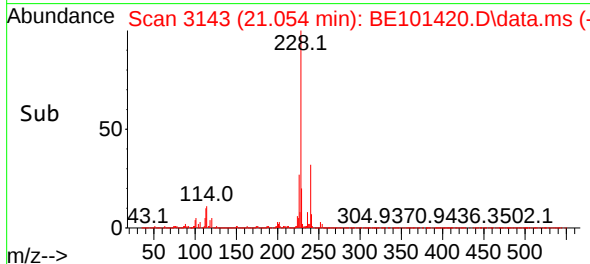
Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT4-2024



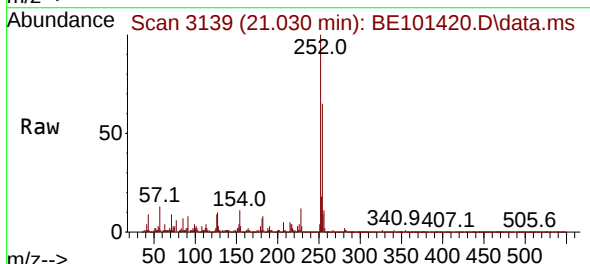
Tgt Ion:228 Resp: 472107
Ion Ratio Lower Upper
228 100
226 27.0 24.1 36.1
229 19.8 17.3 25.9

Manual Integrations
APPROVED

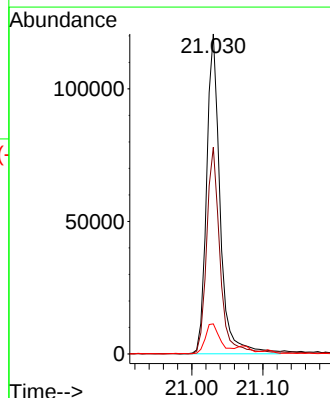
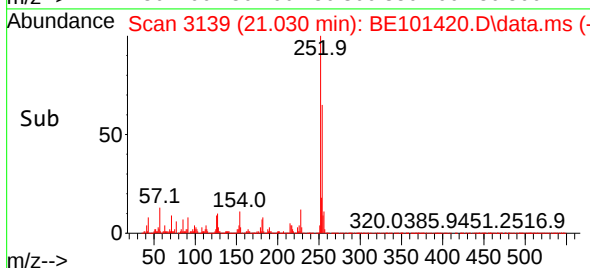
Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024

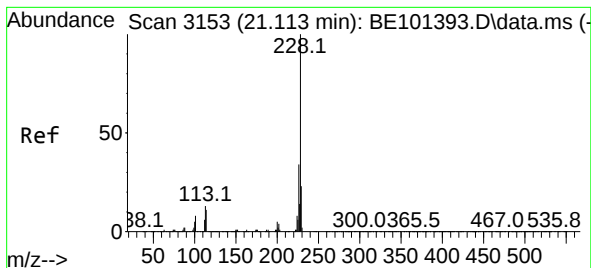


#82
3,3'-Dichlorobenzidine
Concen: 3.408 ng
RT: 21.030 min Scan# 3139
Delta R.T. -0.007 min
Lab File: BE101420.D
Acq: 30 Oct 2024 12:23



Tgt Ion:252 Resp: 159340
Ion Ratio Lower Upper
252 100
254 64.6 52.6 78.8
126 9.4 7.7 11.5





#83

Chrysene

Concen: 3.974 ng

RT: 21.107 min Scan# 3153

Delta R.T. -0.007 min

Lab File: BE101420.D

Acq: 30 Oct 2024 12:23

Instrument :

BNA_E

ClientSampleId :

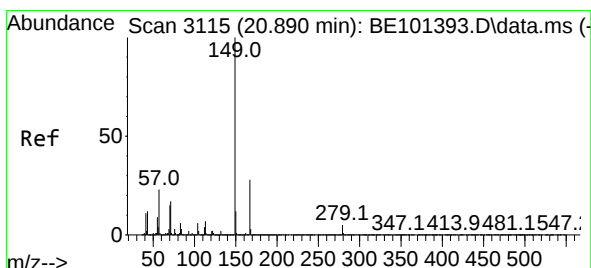
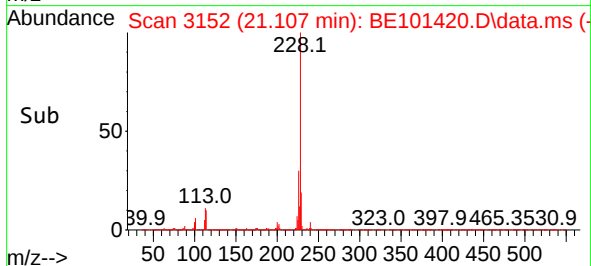
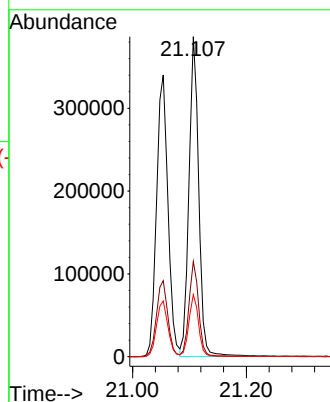
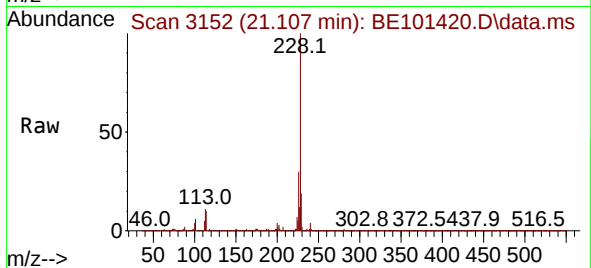
MDL-WATER-03-QT4-2024

Tgt Ion:228	Resp: 45860
Ion Ratio	Lower Upper
228 100	
226 29.8	27.2 40.8
229 19.4	18.0 27.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.680 ng

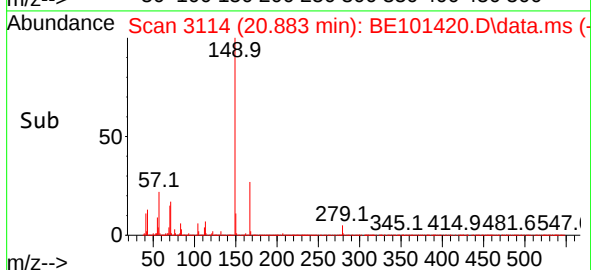
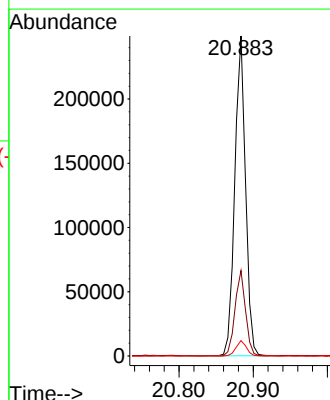
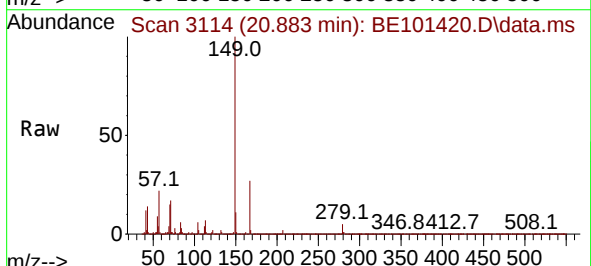
RT: 20.883 min Scan# 3114

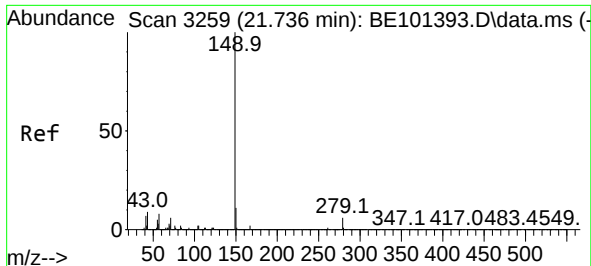
Delta R.T. -0.007 min

Lab File: BE101420.D

Acq: 30 Oct 2024 12:23

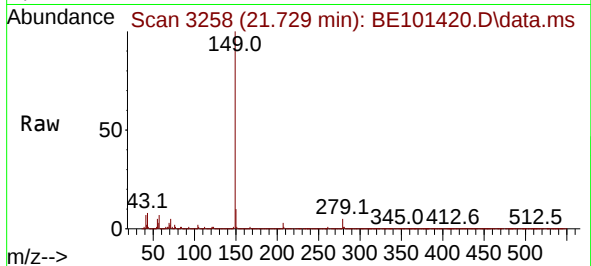
Tgt Ion:149	Resp: 250237
Ion Ratio	Lower Upper
149 100	
167 26.7	22.7 34.1
279 4.8	4.3 6.5





#85
Di-n-octyl phthalate
Concen: 3.807 ng
RT: 21.729 min Scan# 31
Delta R.T. -0.007 min
Lab File: BE101420.D
Acq: 30 Oct 2024 12:23

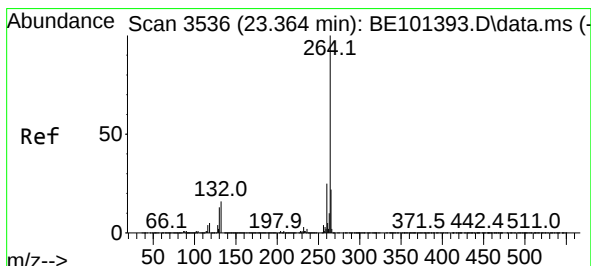
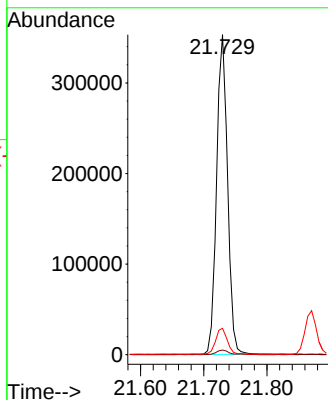
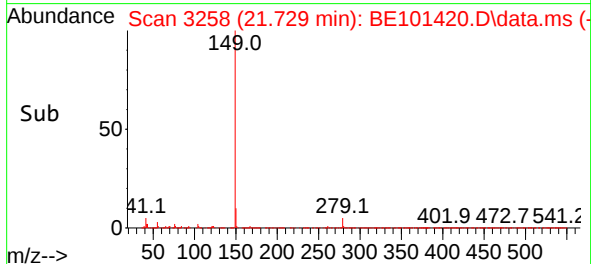
Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT4-2024



Tgt Ion:149 Resp: 424940
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 8.6 7.0 10.4

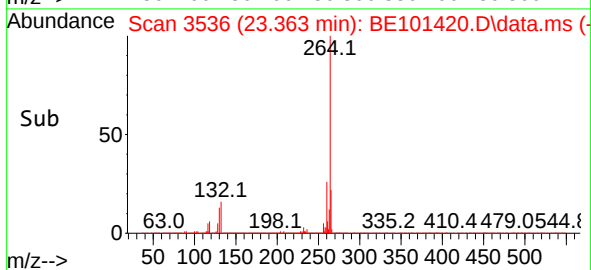
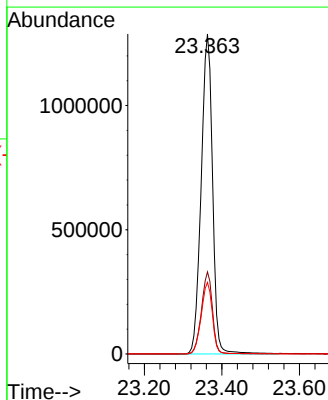
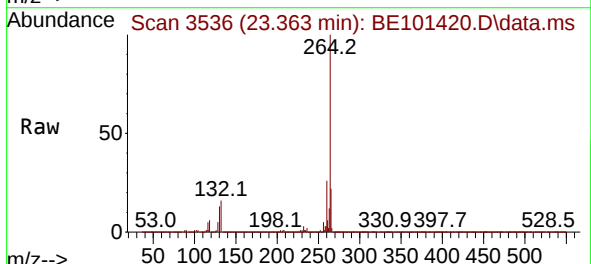
Manual Integrations
APPROVED

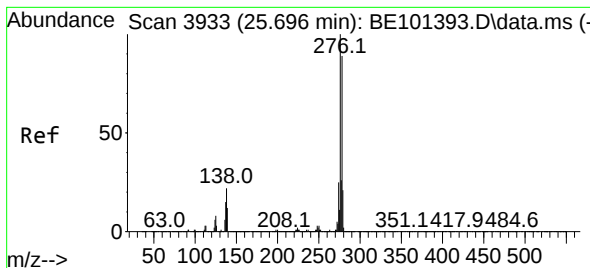
Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.363 min Scan# 3536
Delta R.T. -0.001 min
Lab File: BE101420.D
Acq: 30 Oct 2024 12:23

Tgt Ion:264 Resp: 2619541
Ion Ratio Lower Upper
264 100
260 25.7 19.8 29.8
265 22.4 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.649 ng

RT: 25.660 min Scan# 3933

Delta R.T. -0.036 min

Lab File: BE101420.D

Acq: 30 Oct 2024 12:23

Instrument :

BNA_E

ClientSampleId :

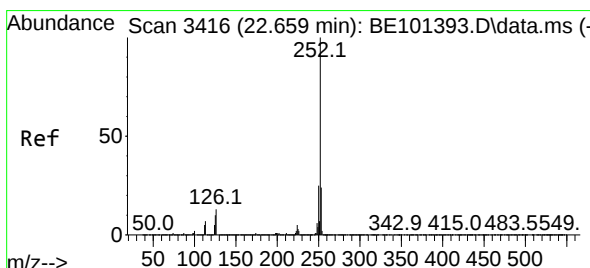
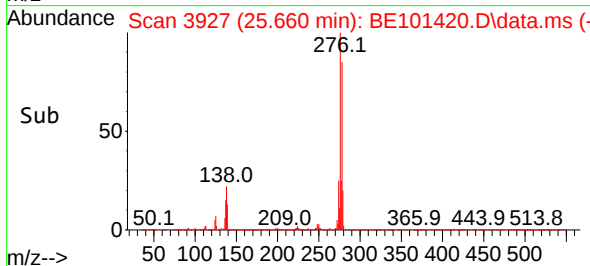
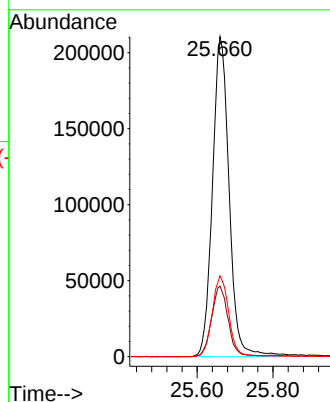
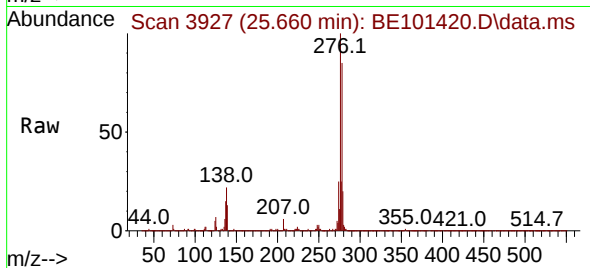
MDL-WATER-03-QT4-2024

Tgt Ion:	276	Resp:	639630
Ion Ratio	Lower	Upper	
276	100		
138	22.0	17.8	26.8
277	25.3	20.5	30.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024



#88

Benzo(b)fluoranthene

Concen: 3.728 ng

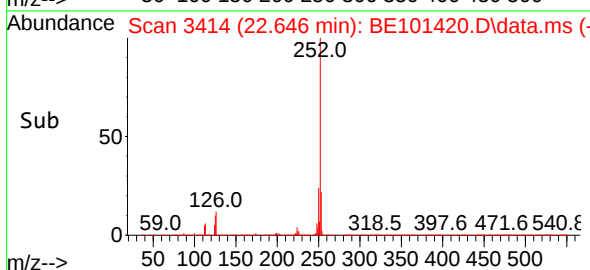
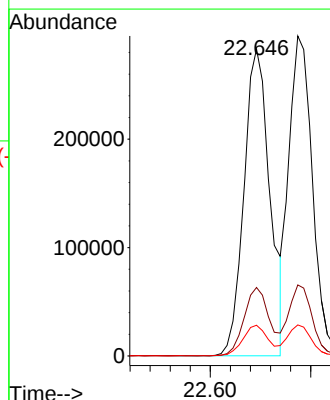
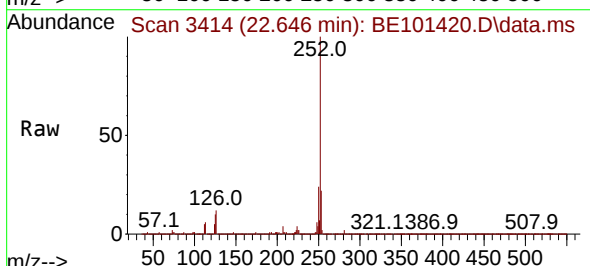
RT: 22.646 min Scan# 3414

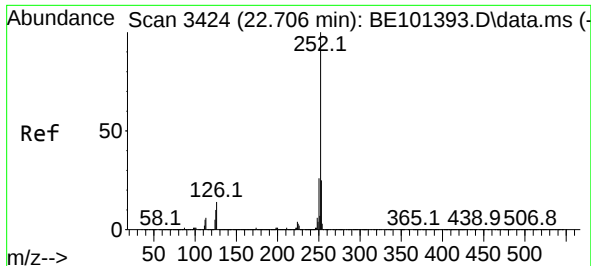
Delta R.T. -0.013 min

Lab File: BE101420.D

Acq: 30 Oct 2024 12:23

Tgt Ion:	252	Resp:	508859
Ion Ratio	Lower	Upper	
252	100		
253	22.3	19.0	28.6
125	10.0	8.2	12.2





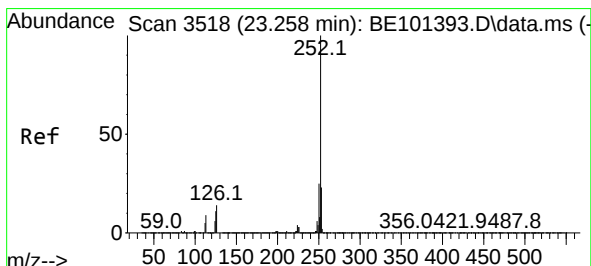
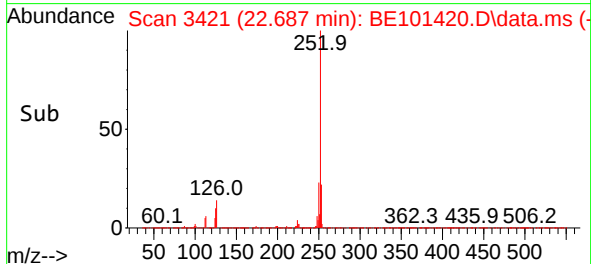
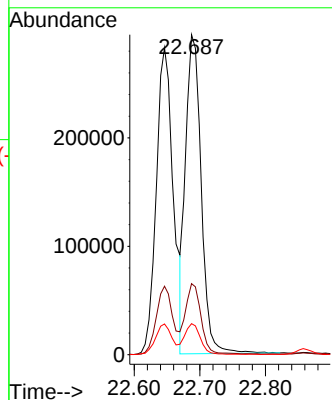
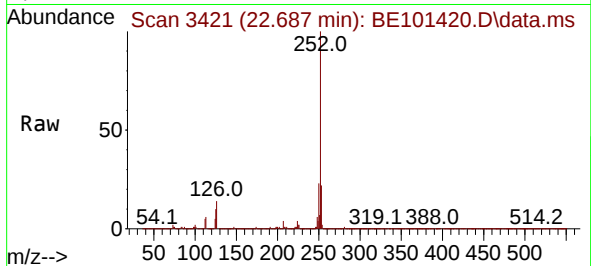
#89
Benzo(k)fluoranthene
Concen: 3.806 ng
RT: 22.687 min Scan# 3424
Delta R.T. -0.019 min
Lab File: BE101420.D
Acq: 30 Oct 2024 12:23

Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT4-2024

Tgt Ion:252 Resp: 48547
Ion Ratio Lower Upper
252 100
253 22.2 19.4 29.2
125 9.7 8.2 12.2

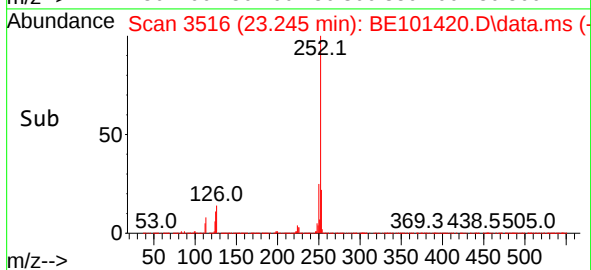
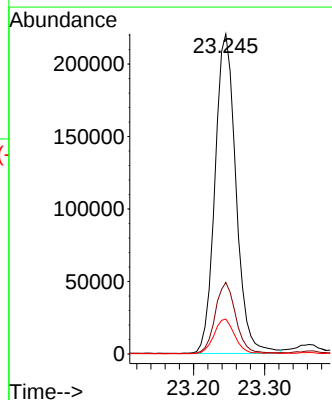
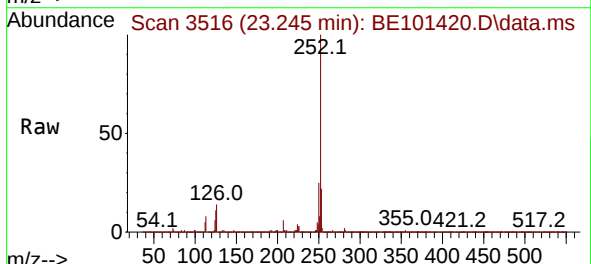
Manual Integrations
APPROVED

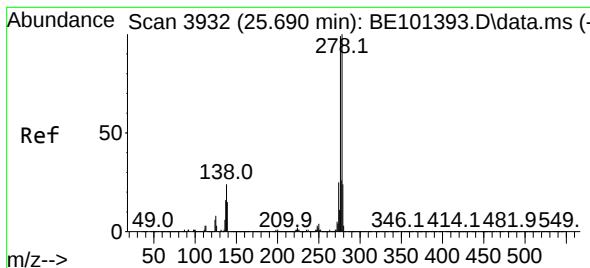
Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024



#90
Benzo(a)pyrene
Concen: 3.774 ng
RT: 23.245 min Scan# 3516
Delta R.T. -0.013 min
Lab File: BE101420.D
Acq: 30 Oct 2024 12:23

Tgt Ion:252 Resp: 450543
Ion Ratio Lower Upper
252 100
253 22.4 18.4 27.6
125 10.9 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 3.624 ng

RT: 25.660 min Scan# 3932

Delta R.T. -0.030 min

Lab File: BE101420.D

Acq: 30 Oct 2024 12:23

Instrument :

BNA_E

ClientSampleId :

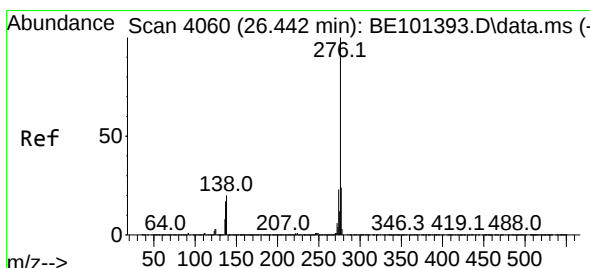
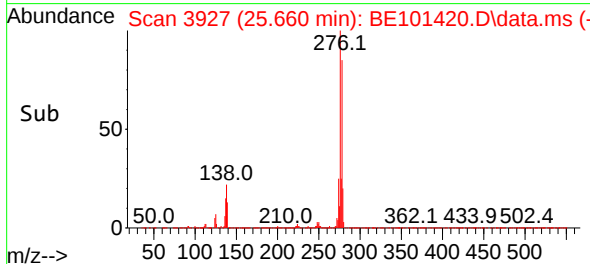
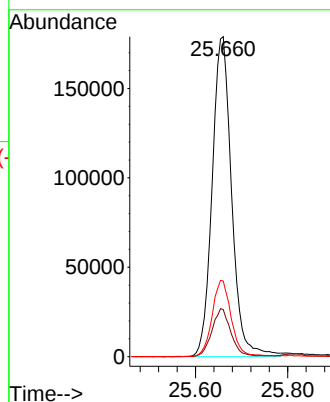
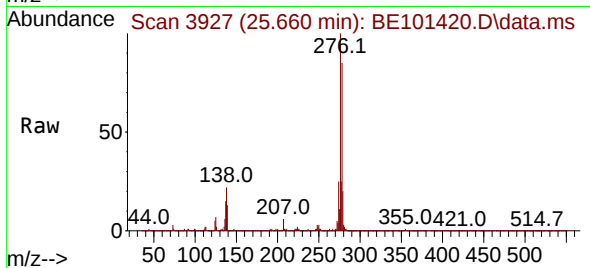
MDL-WATER-03-QT4-2024

Tgt Ion:	278	Resp:	524978
Ion Ratio	Lower	Upper	
278	100		
139	14.8	11.9	17.9
279	23.7	19.3	28.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024



#92

Benzo(g,h,i)perylene

Concen: 3.311 ng

RT: 26.406 min Scan# 4054

Delta R.T. -0.036 min

Lab File: BE101420.D

Acq: 30 Oct 2024 12:23

Tgt Ion:	276	Resp:	494206
Ion Ratio	Lower	Upper	
276	100		
277	23.0	19.4	29.2
138	20.1	15.8	23.6

