

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE103024\
 Data File : BE101421.D
 Acq On : 30 Oct 2024 12:58
 Operator : RC/JU
 Sample : P4368-09
 Misc : MDL-MDL-WATER 8 PPM
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Oct 30 13:54:27 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	7.569	152	173051	20.000	ng	0.00
21) Naphthalene-d8	10.337	136	861493	20.000	ng	0.00
39) Acenaphthene-d10	14.179	164	625958	20.000	ng	0.00
64) Phenanthrene-d10	16.917	188	1414297	20.000	ng	0.00
76) Chrysene-d12	21.077	240	1568221	20.000	ng	0.00
86) Perylene-d12	23.363	264	1897526	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.313	112	1184363	119.953	ng	0.00
7) Phenol-d6	6.947	99	1712431	125.080	ng	0.00
23) Nitrobenzene-d5	8.786	82	1261492	91.972	ng	0.00
42) 2,4,6-Tribromophenol	15.689	330	1403901	127.964	ng	0.00
45) 2-Fluorobiphenyl	12.805	172	3166293	85.664	ng	0.00
79) Terphenyl-d14	19.514	244	4674866	68.609	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.216	88	28630	7.774	ng	94
3) Pyridine	3.715	79	74786m	7.178	ng	
4) n-Nitrosodimethylamine	3.592	42	34238m	8.493	ng	
6) Aniline	7.017	93	121140	11.546	ng	100
8) 2-Chlorophenol	7.217	128	101355	8.559	ng	97
9) Benzaldehyde	6.782	77	77988	11.800	ng	97
10) Phenol	6.970	94	129617m	8.726	ng	
11) bis(2-Chloroethyl)ether	7.041	93	102203m	8.387	ng	
12) 1,3-Dichlorobenzene	7.458	146	104892	8.214	ng	98
13) 1,4-Dichlorobenzene	7.605	146	108018	8.284	ng	98
14) 1,2-Dichlorobenzene	7.934	146	106533	8.346	ng	97
15) Benzyl Alcohol	7.910	79	84181	10.315	ng	87
16) 2,2'-oxybis(1-Chloropr...	8.069	45	143276	9.343	ng	99
17) 2-Methylphenol	8.151	107	77595	7.718	ng	99
18) Hexachloroethane	8.627	117	34155	8.021	ng	96
19) n-Nitroso-di-n-propyla...	8.374	70	82020	9.028	ng	98
20) 3+4-Methylphenols	8.492	107	107245	7.728	ng	97
22) Acetophenone	8.421	105	167702	8.573	ng	# 98
24) Nitrobenzene	8.821	77	120658	8.265	ng	99
25) Isophorone	9.273	82	229583	8.578	ng	100
26) 2-Nitrophenol	9.508	139	57815	8.194	ng	96
27) 2,4-Dimethylphenol	9.626	122	48158	5.424	ng	97
28) bis(2-Chloroethoxy)met...	9.773	93	138383	8.525	ng	100
29) 2,4-Dichlorophenol	10.055	162	96843	7.884	ng	99
30) 1,2,4-Trichlorobenzene	10.184	180	108020	8.073	ng	99
31) Naphthalene	10.384	128	361923	8.244	ng	99
32) Benzoic acid	9.826	122	33126m	11.222	ng	
33) 4-Chloroaniline	10.613	127	141782	9.288	ng	99
34) Hexachlorobutadiene	10.636	225	62299	7.866	ng	99
35) Caprolactam	11.383	113	34676	7.365	ng	97
36) 4-Chloro-3-methylphenol	11.782	107	106706	7.630	ng	99
37) 2-Methylnaphthalene	11.976	142	260208	8.227	ng	99
38) 1-Methylnaphthalene	12.199	142	245021	7.762	ng	100
40) 1,2,4,5-Tetrachloroben...	12.329	216	131933	8.396	ng	100
41) Hexachlorocyclopentadiene	12.317	237	25359	4.886	ng	96
43) 2,4,6-Trichlorophenol	12.652	196	86202	7.957	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.752	196	95876	7.729	ng	99
46) 1,1'-Biphenyl	13.004	154	371373	8.660	ng	100
47) 2-Chloronaphthalene	13.051	162	273668	8.077	ng	99
48) 2-Nitroaniline	13.380	65	72257	7.924	ng	94
49) Acenaphthylene	13.909	152	447919	8.939	ng	100
50) Dimethylphthalate	13.680	163	370006	8.374	ng	99
51) 2,6-Dinitrotoluene	13.815	165	77826	7.629	ng	98
52) Acenaphthene	14.238	154	267102	8.164	ng	99
53) 3-Nitroaniline	14.226	138	81382	8.023	ng	99
54) 2,4-Dinitrophenol	14.362	184	33991	9.977	ng	99
55) Dibenzofuran	14.585	168	440633	8.450	ng	96
56) 4-Nitrophenol	14.644	139	64392	6.932	ng	97
57) 2,4-Dinitrotoluene	14.602	165	102363	7.289	ng	# 94
58) Fluorene	15.219	166	361028	8.276	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.849	232	94643	8.257	ng	99
60) Diethylphthalate	15.008	149	380169	8.226	ng	99
61) 4-Chlorophenyl-phenyle...	15.208	204	175965	8.129	ng	99
62) 4-Nitroaniline	15.407	138	84539	7.490	ng	97
63) Azobenzene	15.507	77	335969	8.457	ng	100
65) 4,6-Dinitro-2-methylph...	15.343	198	53817	6.476	ng	94
66) n-Nitrosodiphenylamine	15.460	169	319080	8.508	ng	98
67) 4-Bromophenyl-phenylether	16.095	248	122976	8.266	ng	97
68) Hexachlorobenzene	16.201	284	155173	7.957	ng	97
69) Atrazine	16.389	200	118057	10.267	ng	99
70) Pentachlorophenol	16.606	266	79046	7.042	ng	98
71) Phenanthrene	16.953	178	598712	8.842	ng	98
72) Anthracene	17.041	178	553351	8.369	ng	97
73) Carbazole	17.370	167	564645	8.346	ng	98
74) Di-n-butylphthalate	17.822	149	668186	8.971	ng	97
75) Fluoranthene	18.956	202	716842	8.716	ng	97
77) Benzidine	19.215	184	209796	10.541	ng	99
78) Pyrene	19.326	202	762072	8.837	ng	96
80) Butylbenzylphthalate	20.178	149	332749	8.801	ng	98
81) Benzo(a)anthracene	21.054	228	821327	9.318	ng	96
82) 3,3'-Dichlorobenzidine	21.030	252	303031	8.776	ng	100
83) Chrysene	21.107	228	789735	9.267	ng	93
84) Bis(2-ethylhexyl)phtha...	20.883	149	458354	9.126	ng	96
85) Di-n-octyl phthalate	21.729	149	781966	9.486	ng	100
87) Indeno(1,2,3-cd)pyrene	25.666	276	1121258	8.829	ng	100
88) Benzo(b)fluoranthene	22.646	252	870185	8.800	ng	98
89) Benzo(k)fluoranthene	22.693	252	869558	9.412	ng	97
90) Benzo(a)pyrene	23.245	252	798264	9.230	ng	98
91) Dibenzo(a,h)anthracene	25.666	278	935888	8.919	ng	99
92) Benzo(g,h,i)perylene	26.412	276	864788	7.999	ng	99

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

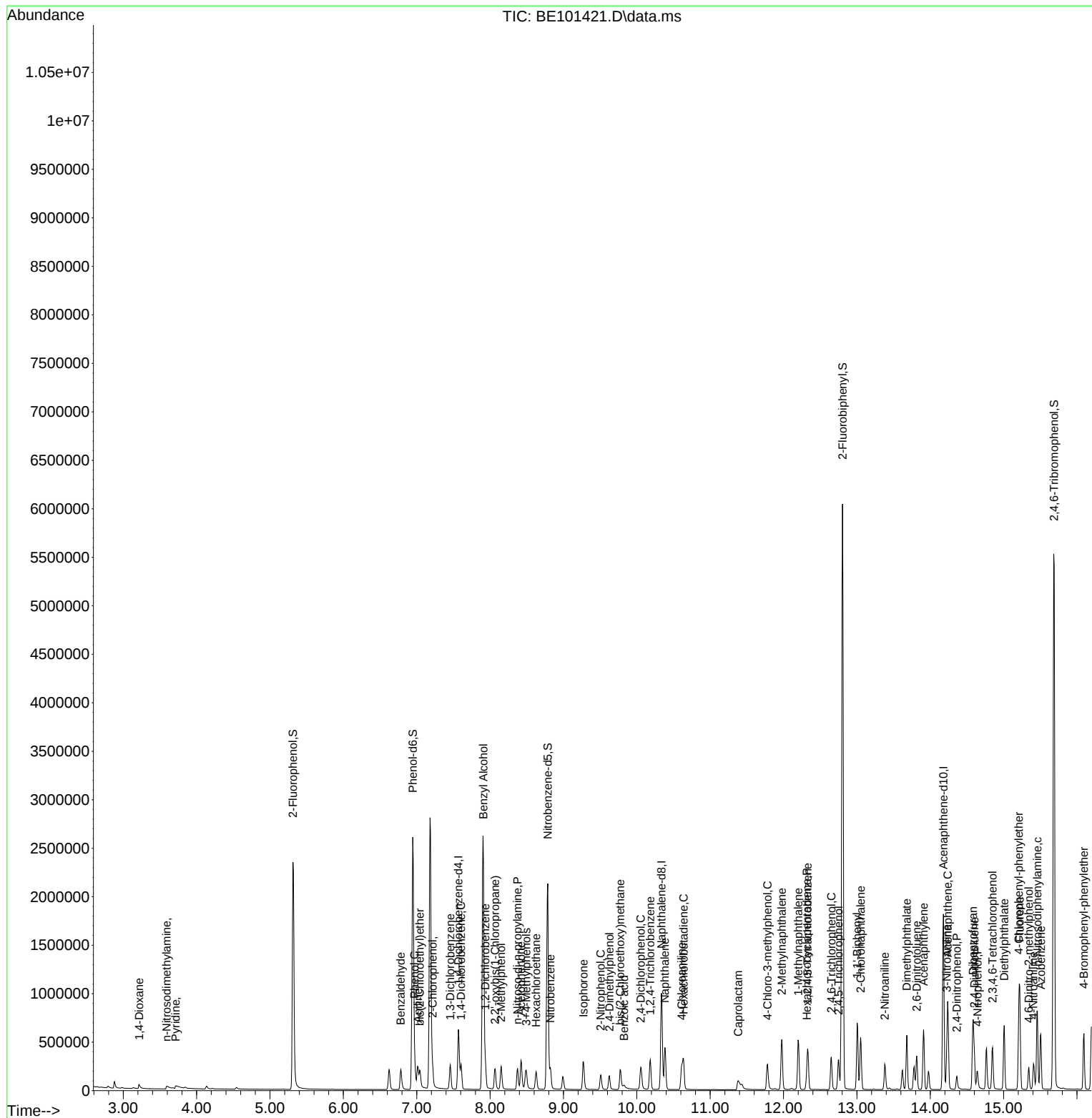
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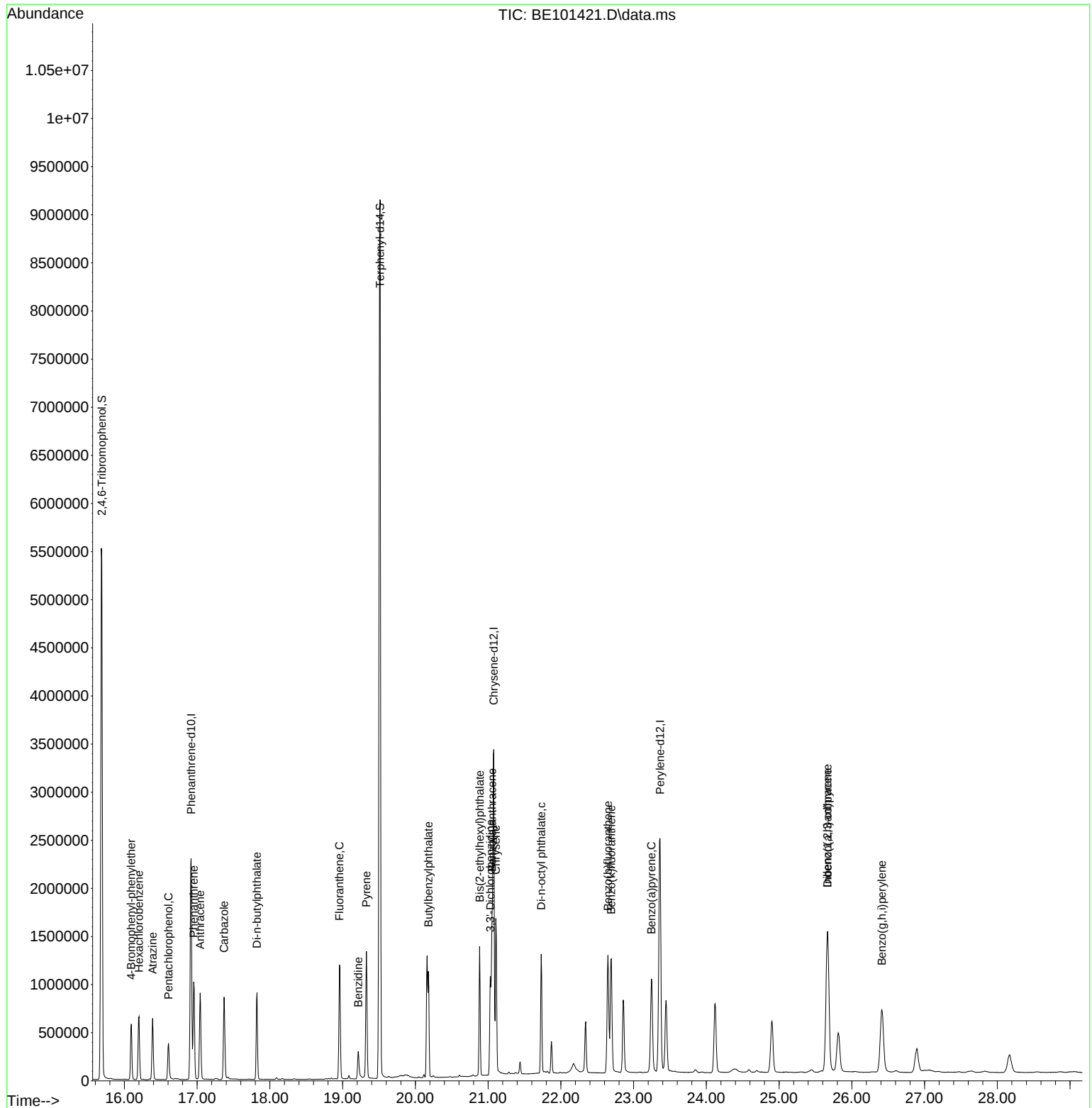
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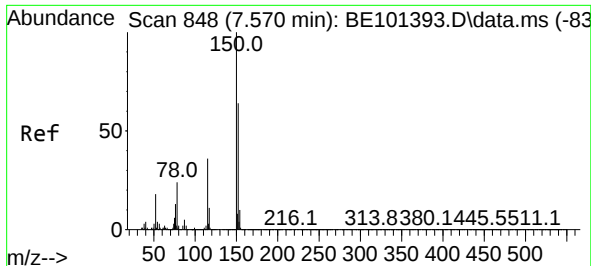
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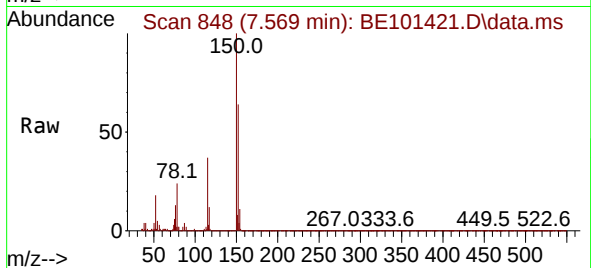
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.569 min Scan# 84
Delta R.T. -0.001 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

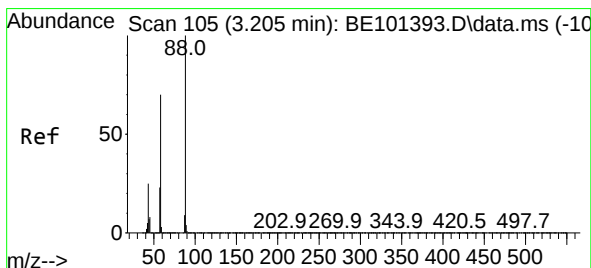
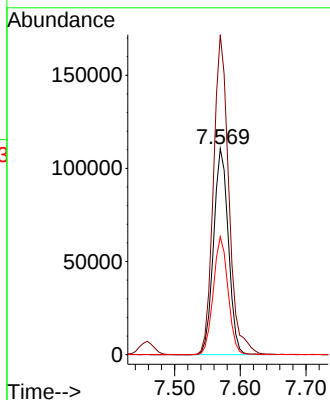
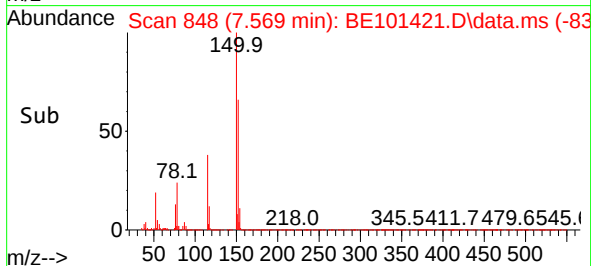
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BNA_E
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion:152 Resp: 17305
Ion Ratio Lower Upper
152 100
150 155.2 124.2 186.4
115 57.2 45.3 67.9

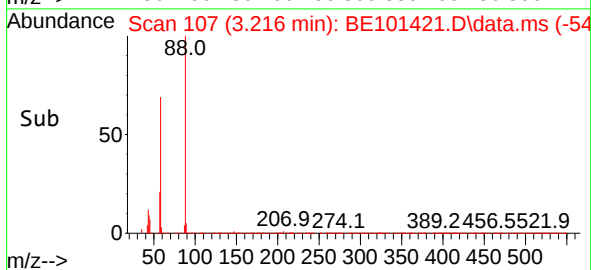
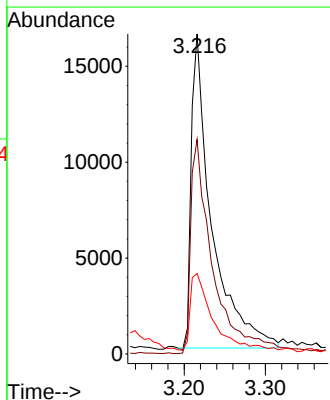
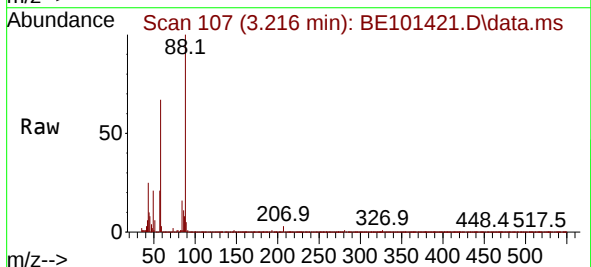
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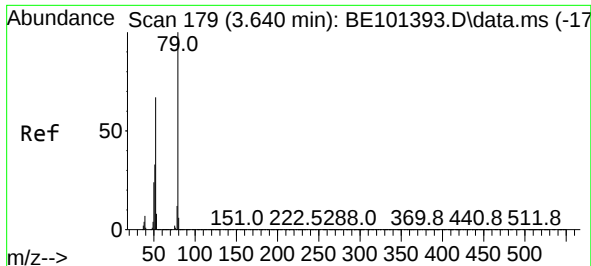
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#2
1,4-Dioxane
Concen: 7.774 ng
RT: 3.216 min Scan# 107
Delta R.T. 0.011 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

Tgt Ion: 88 Resp: 28630
Ion Ratio Lower Upper
88 100
58 75.1 56.5 84.7
43 28.1 19.8 29.8





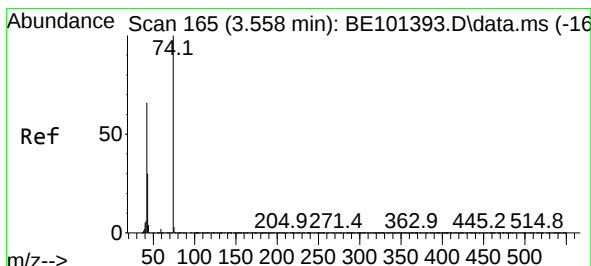
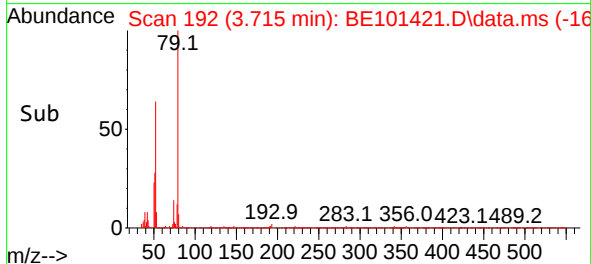
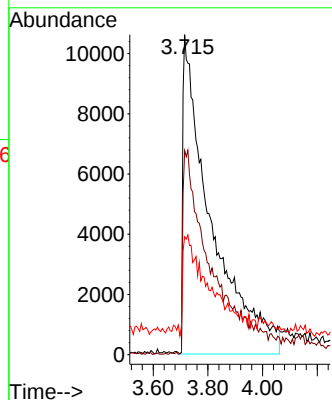
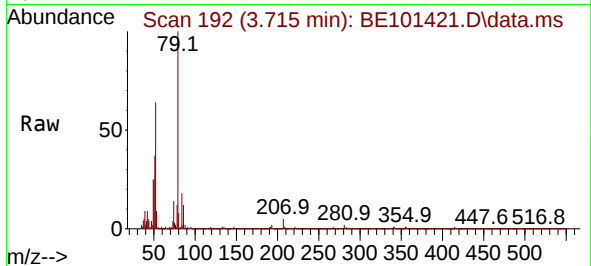
#3
Pyridine
Concen: 7.178 ng m
RT: 3.715 min Scan# 192
Delta R.T. 0.075 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

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

Tgt Ion: 79 Resp: 74780
Ion Ratio Lower Upper
79 100
52 63.8 53.3 79.9
51 36.8 27.3 40.9

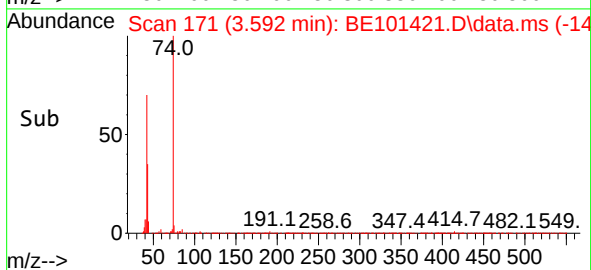
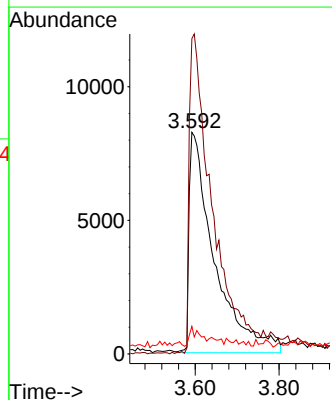
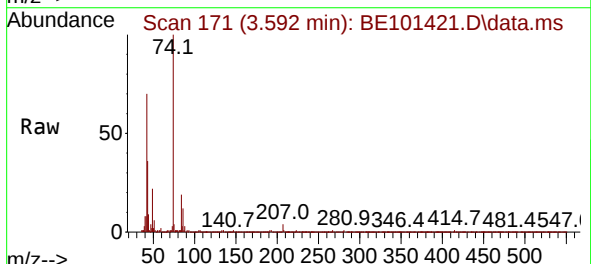
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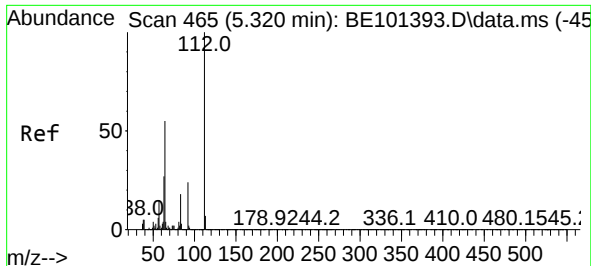
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#4
n-Nitrosodimethylamine
Concen: 8.493 ng m
RT: 3.592 min Scan# 171
Delta R.T. 0.034 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

Tgt Ion: 42 Resp: 34238
Ion Ratio Lower Upper
42 100
74 142.4 121.4 182.0
44 12.5 5.6 8.4





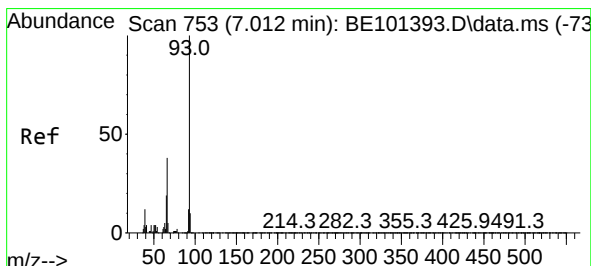
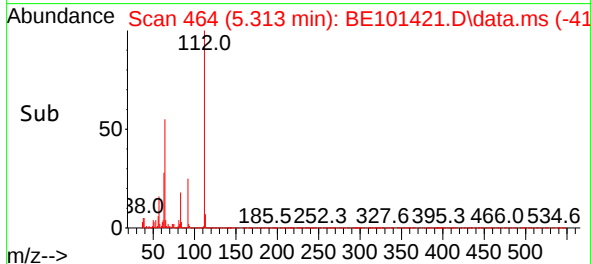
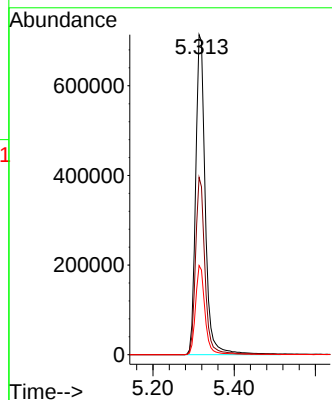
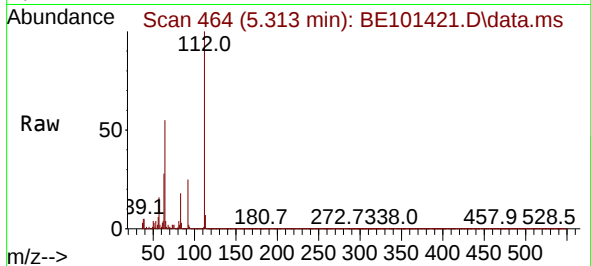
#5
2-Fluorophenol
Concen: 119.953 ng
RT: 5.313 min Scan# 40
Delta R.T. -0.007 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

Instrument :
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ClientSampleId :
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Tgt Ion:112 Resp: 118436
Ion Ratio Lower Upper
112 100
64 55.4 43.7 65.5
63 27.9 21.4 32.2

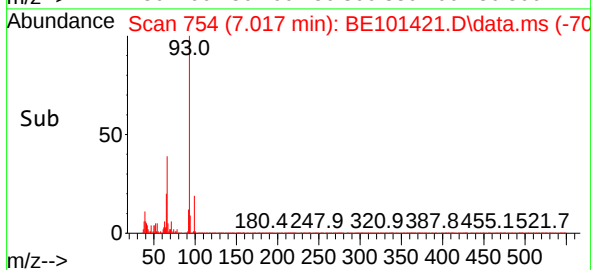
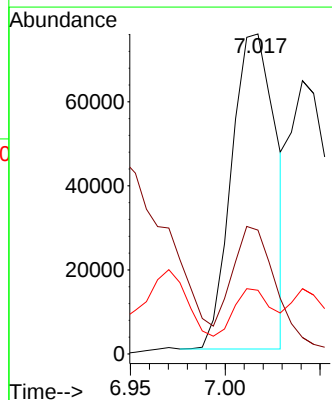
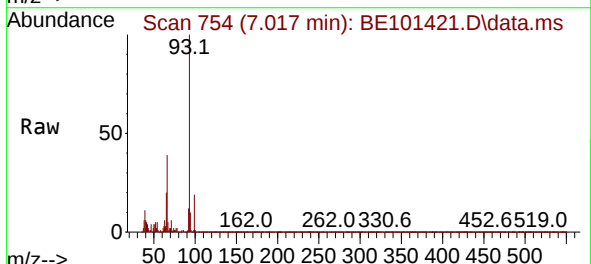
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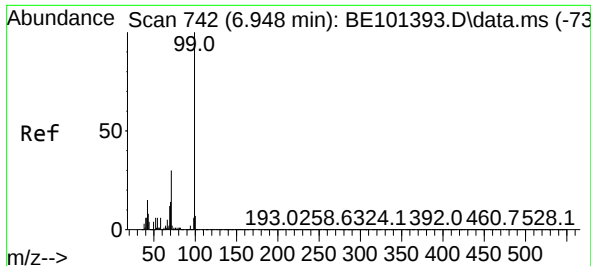
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#6
Aniline
Concen: 11.546 ng
RT: 7.017 min Scan# 754
Delta R.T. 0.005 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

Tgt Ion: 93 Resp: 121140
Ion Ratio Lower Upper
93 100
66 38.7 31.0 46.4
65 19.9 15.5 23.3





#7

Phenol-d6

Concen: 125.080 ng

RT: 6.947 min Scan# 742

Delta R.T. -0.001 min

Lab File: BE101421.D

Acq: 30 Oct 2024 12:58

Instrument :

BNA_E

ClientSampleId :

MDL-WATER-03-QT4-2024

Tgt Ion: 99 Resp: 171243

Ion Ratio Lower Upper

99 100

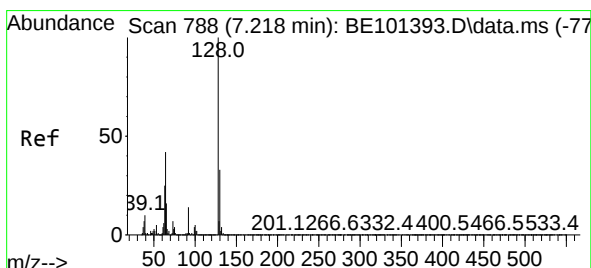
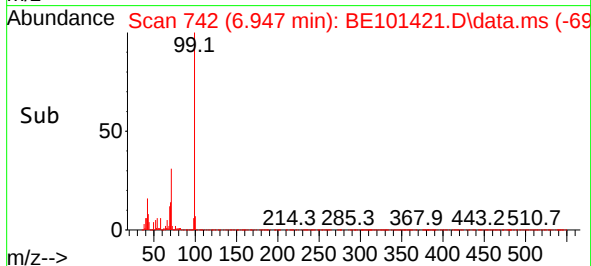
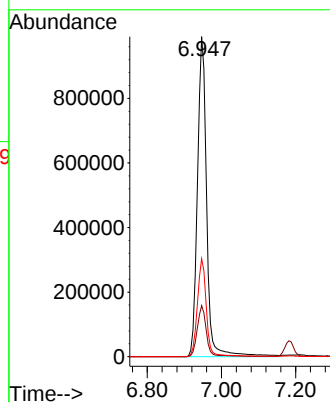
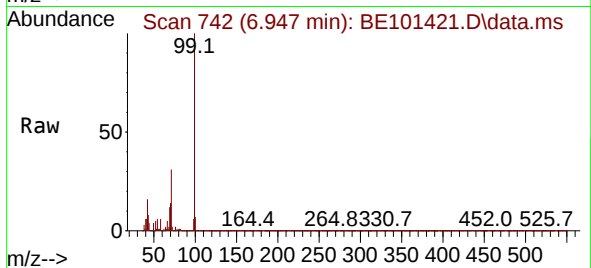
42 16.0 12.3 18.5

71 30.6 23.8 35.8

Manual Integrations

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#8

2-Chlorophenol

Concen: 8.559 ng

RT: 7.217 min Scan# 788

Delta R.T. -0.001 min

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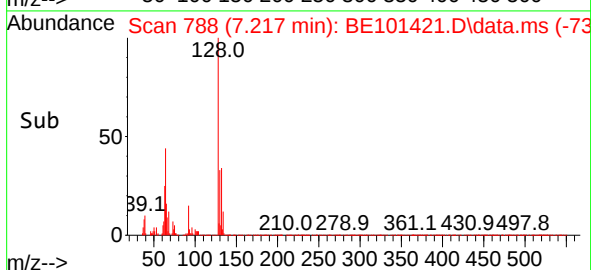
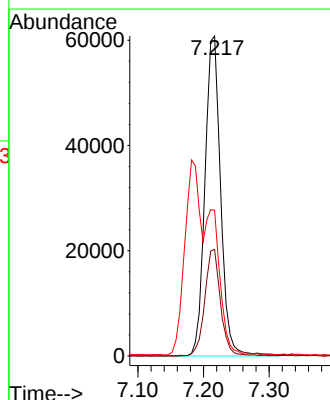
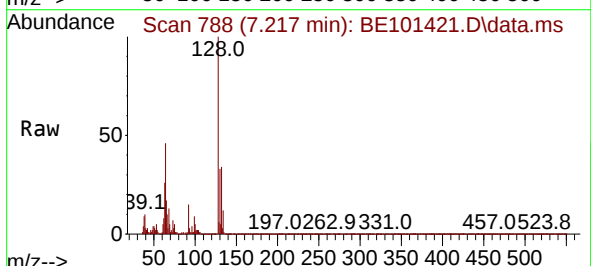
Tgt Ion:128 Resp: 101355

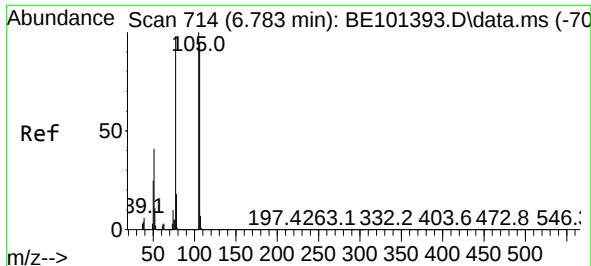
Ion Ratio Lower Upper

128 100

130 33.3 12.9 52.9

64 45.5 22.3 62.3





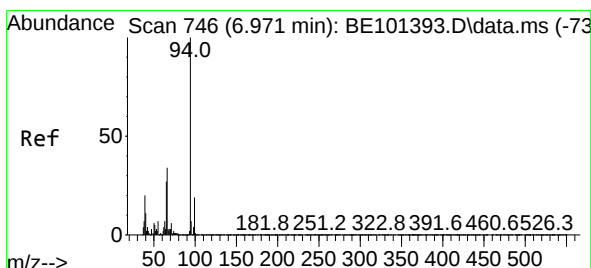
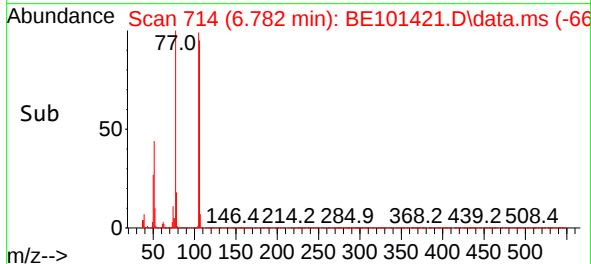
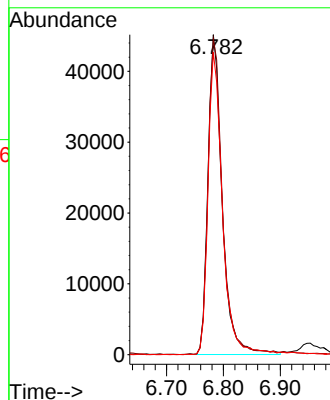
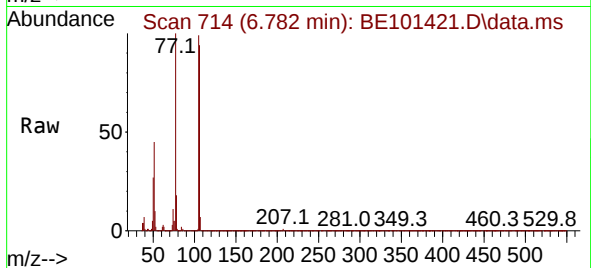
#9
Benzaldehyde
Concen: 11.800 ng
RT: 6.782 min Scan# 714
Delta R.T. -0.001 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

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

Tgt Ion: 77	Resp: 7798
Ion Ratio	Lower Upper
77 100	
105 98.7	81.9 121.9
106 94.5	76.5 116.5

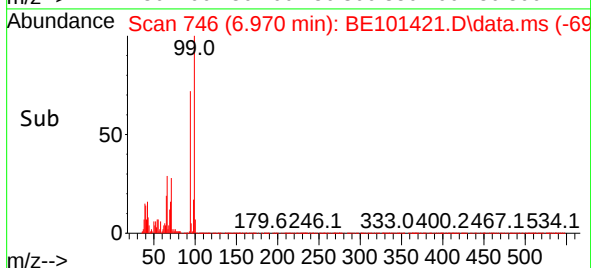
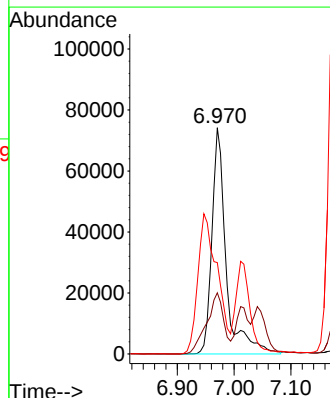
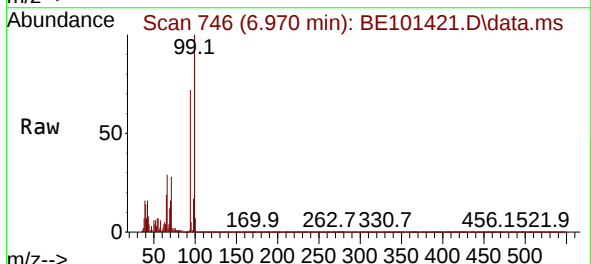
Manual Integrations
APPROVED

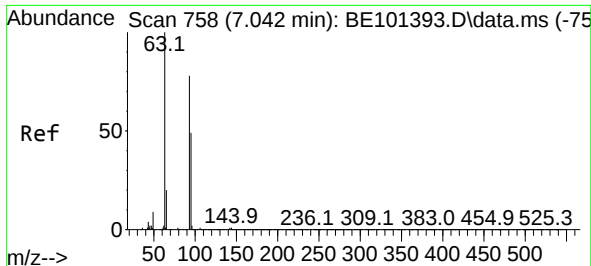
Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024



#10
Phenol
Concen: 8.726 ng m
RT: 6.970 min Scan# 746
Delta R.T. -0.001 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

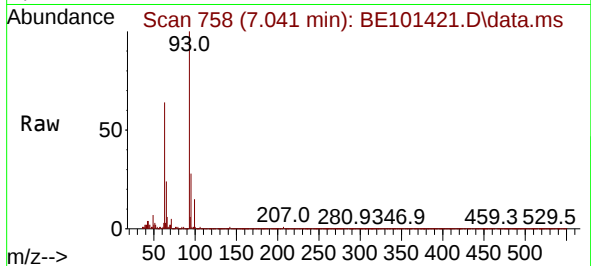
Tgt Ion: 94	Resp: 129617
Ion Ratio	Lower Upper
94 100	
65 27.0	6.8 46.8
66 40.4	14.0 54.0





#11
bis(2-Chloroethyl)ether
Concen: 8.387 ng m
RT: 7.041 min Scan# 70
Delta R.T. -0.001 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

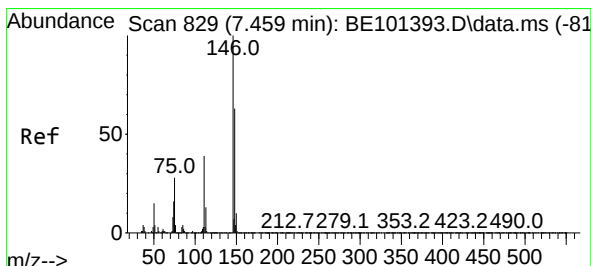
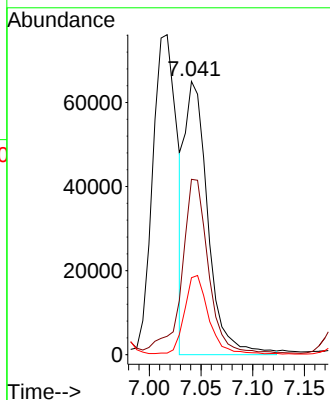
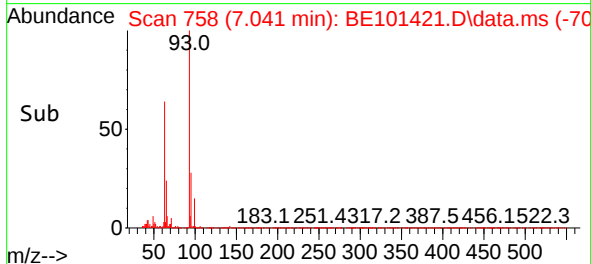
Instrument :
BNA_E
ClientSampleId :
MDL-WATER-03-QT4-2024



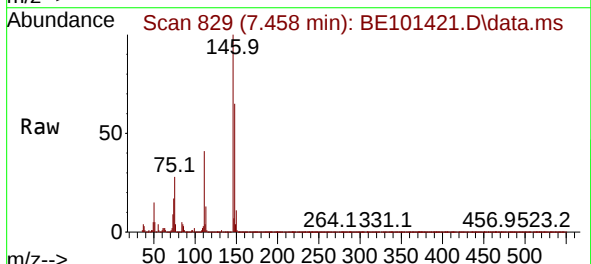
Tgt Ion: 93 Resp: 10220
Ion Ratio Lower Upper
93 100
63 64.2 46.3 86.3
95 28.2 9.6 49.6

Manual Integrations
APPROVED

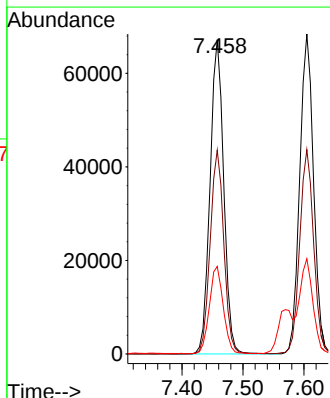
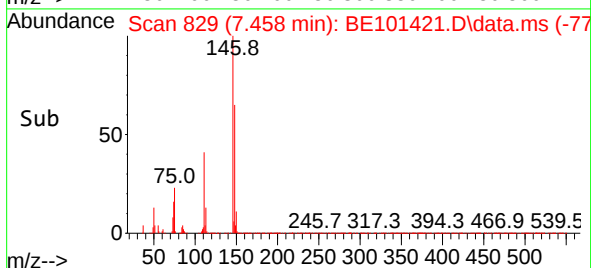
Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024

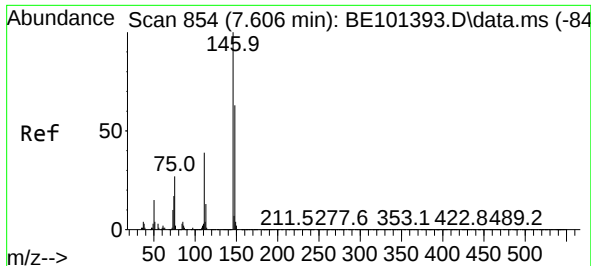


#12
1,3-Dichlorobenzene
Concen: 8.214 ng
RT: 7.458 min Scan# 829
Delta R.T. -0.001 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58



Tgt Ion:146 Resp: 104892
Ion Ratio Lower Upper
146 100
148 64.9 50.5 75.7
75 27.9 22.0 33.0





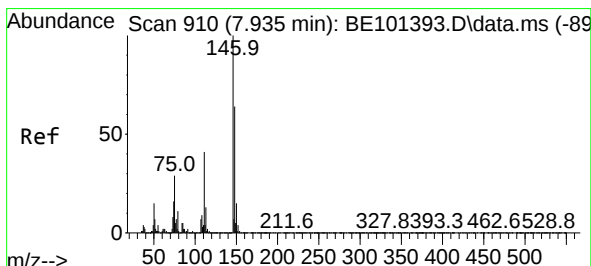
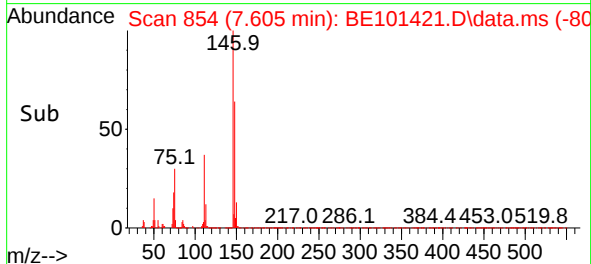
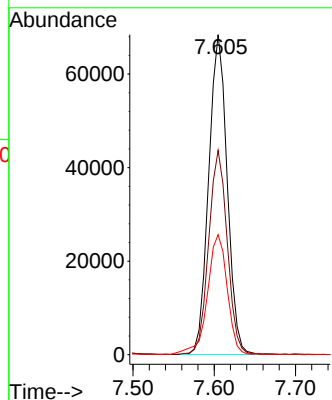
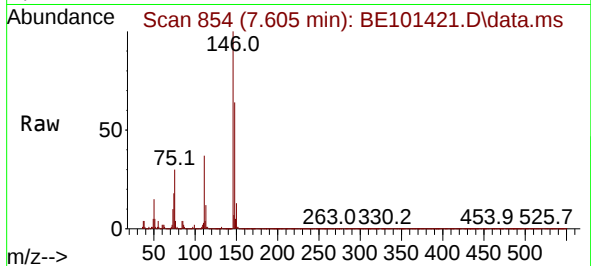
#13
1,4-Dichlorobenzene
Concen: 8.284 ng
RT: 7.605 min Scan# 854
Delta R.T. -0.001 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

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

Tgt Ion:146 Resp: 108018
Ion Ratio Lower Upper
146 100
148 63.8 50.2 75.2
111 37.5 31.6 47.4

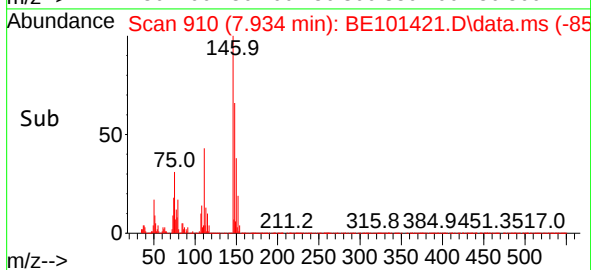
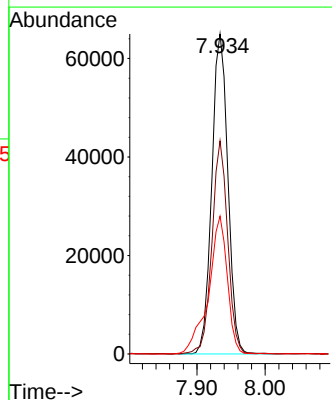
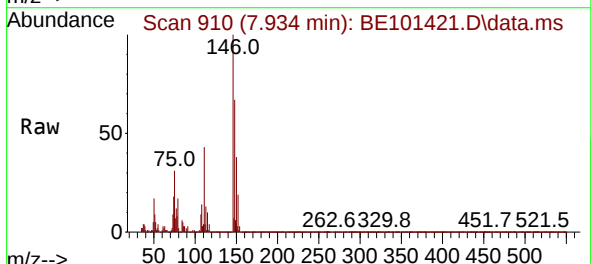
Manual Integrations
APPROVED

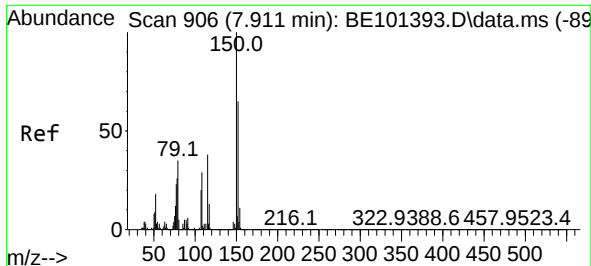
Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024



#14
1,2-Dichlorobenzene
Concen: 8.346 ng
RT: 7.934 min Scan# 910
Delta R.T. -0.001 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

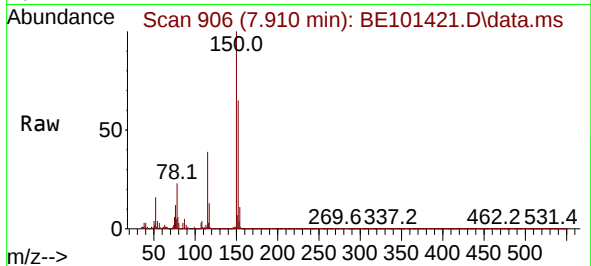
Tgt Ion:146 Resp: 106533
Ion Ratio Lower Upper
146 100
148 66.6 51.4 77.2
111 43.0 32.8 49.2





#15
Benzyl Alcohol
Concen: 10.315 ng
RT: 7.910 min Scan# 906
Delta R.T. -0.001 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

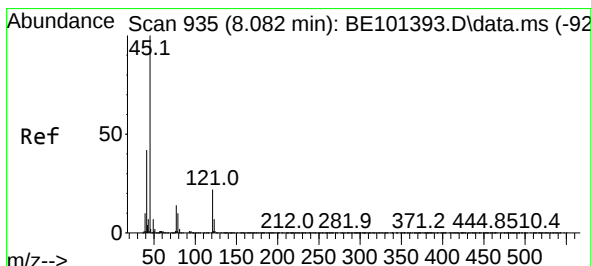
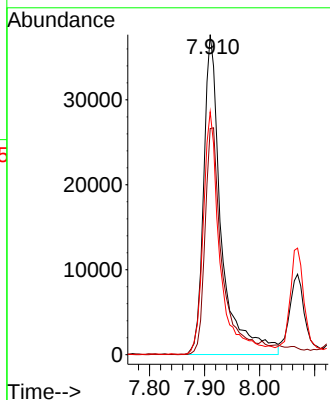
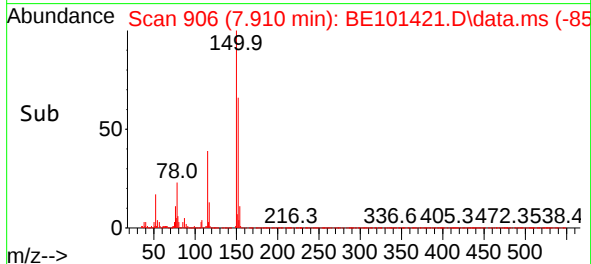
Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT4-2024



Tgt Ion: 79 Resp: 8418
Ion Ratio Lower Upper
79 100
108 70.7 66.1 99.1
77 75.9 53.1 79.7

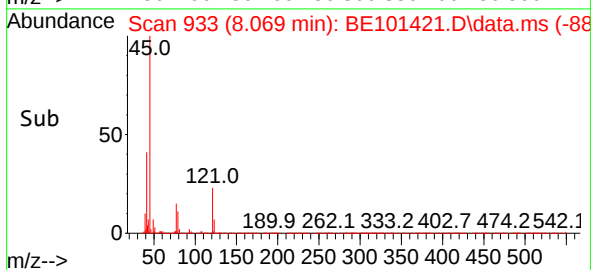
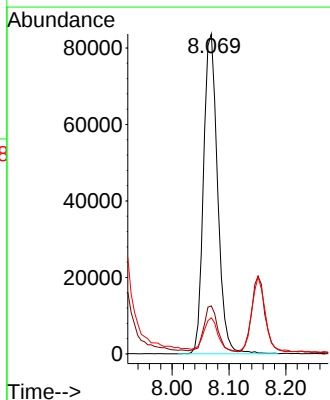
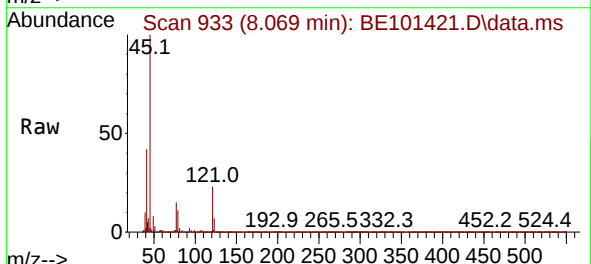
Manual Integrations
APPROVED

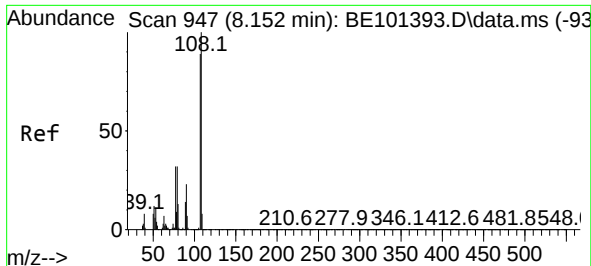
Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.343 ng
RT: 8.069 min Scan# 933
Delta R.T. -0.013 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

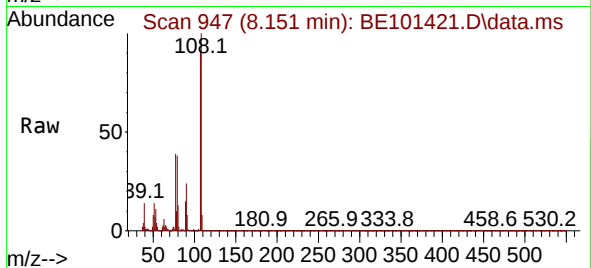
Tgt Ion: 45 Resp: 143276
Ion Ratio Lower Upper
45 100
77 15.0 0.0 34.5
79 11.3 0.0 31.8





#17
2-Methylphenol
Concen: 7.718 ng
RT: 8.151 min Scan# 947
Delta R.T. -0.001 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

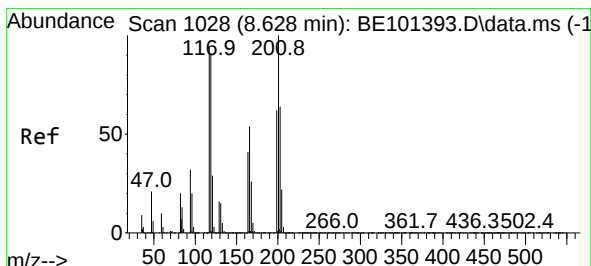
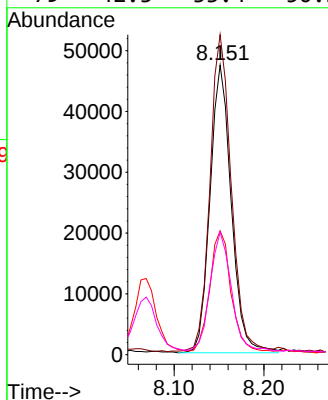
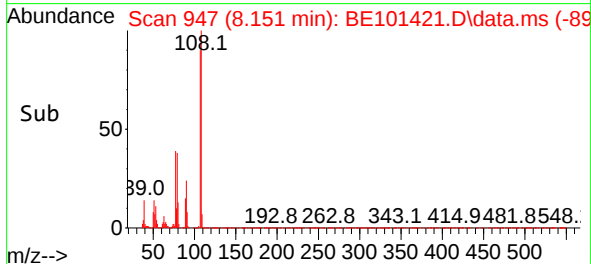
Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT4-2024



Tgt Ion:	107	Resp:	7759
Ion Ratio	Lower	Upper	
107	100		
108	110.5	90.0	135.0
77	42.8	34.2	51.4
79	42.3	33.4	50.2

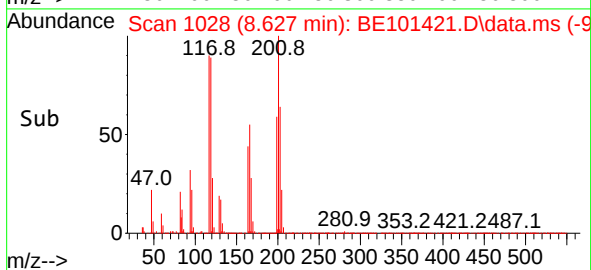
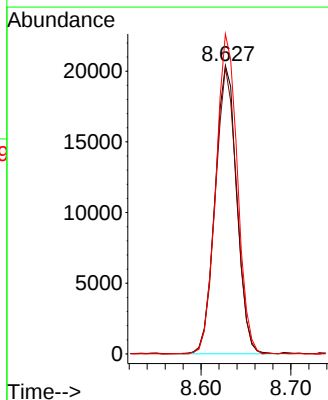
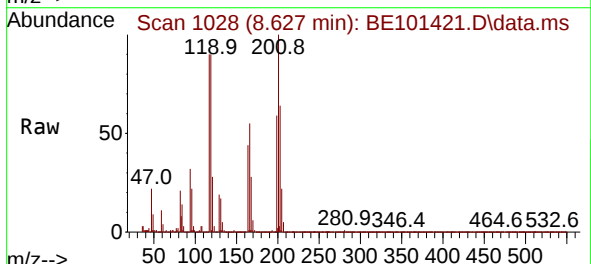
Manual Integrations
APPROVED

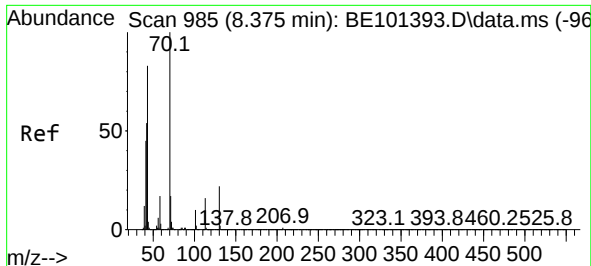
Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024



#18
Hexachloroethane
Concen: 8.021 ng
RT: 8.627 min Scan# 1028
Delta R.T. -0.001 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

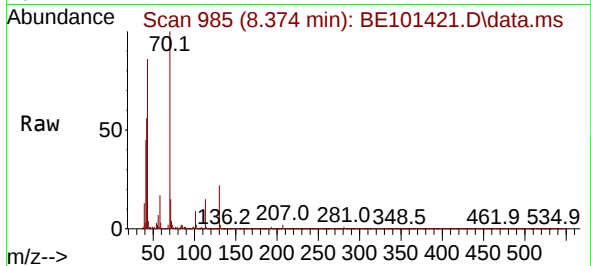
Tgt Ion:	117	Resp:	34155
Ion Ratio	Lower	Upper	
117	100		
119	99.4	77.0	115.4
201	110.9	85.3	127.9





#19
n-Nitroso-di-n-propylamine
Concen: 9.028 ng
RT: 8.374 min Scan# 985
Delta R.T. -0.001 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

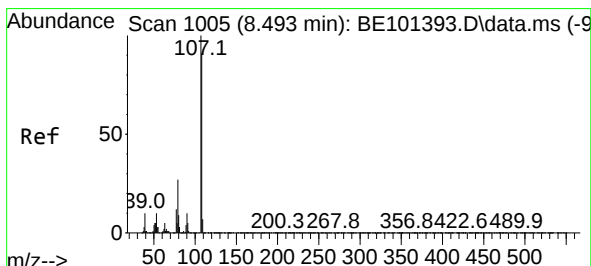
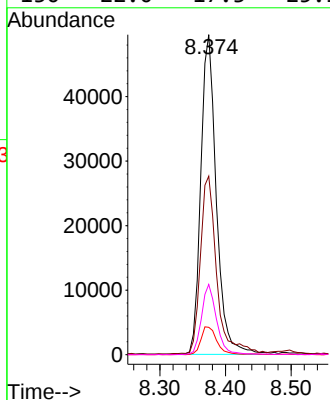
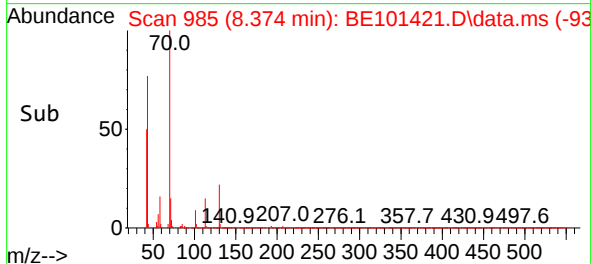
Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT4-2024



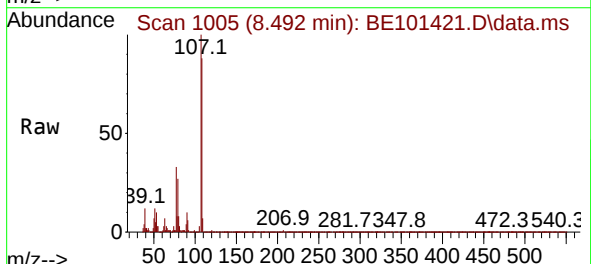
Tgt Ion: 70 Resp: 82020
Ion Ratio Lower Upper
70 100
42 55.8 43.4 65.0
101 8.5 8.1 12.1
130 22.0 17.3 25.9

Manual Integrations
APPROVED

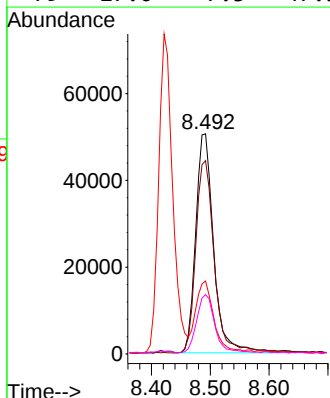
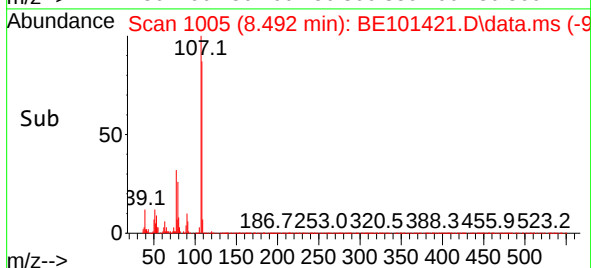
Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024

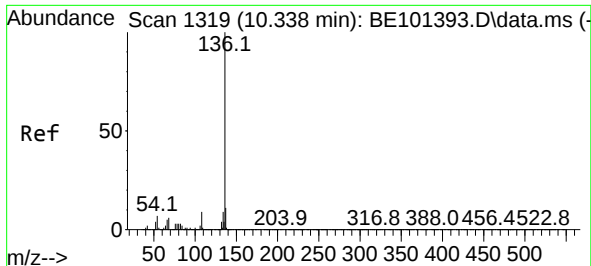


#20
3+4-Methylphenols
Concen: 7.728 ng
RT: 8.492 min Scan# 1005
Delta R.T. -0.001 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58



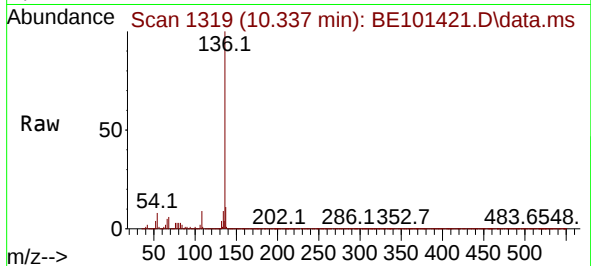
Tgt Ion:107 Resp: 107245
Ion Ratio Lower Upper
107 100
108 87.8 70.6 110.6
77 33.1 11.3 51.3
79 27.0 7.3 47.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.337 min Scan# 1319
Delta R.T. -0.001 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

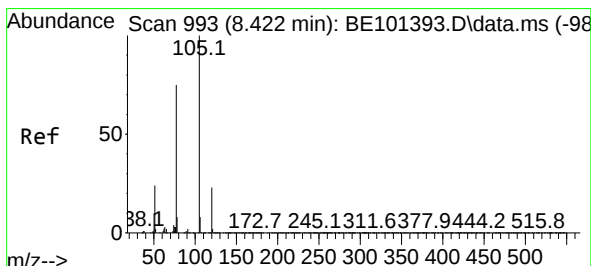
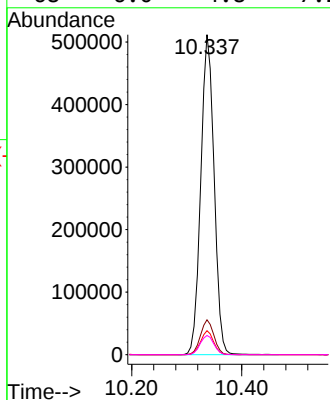
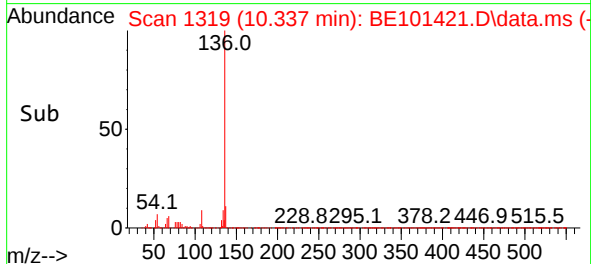
Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT4-2024



Tgt Ion:136 Resp: 86149
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 7.5 5.9 8.9
68 6.0 4.8 7.2

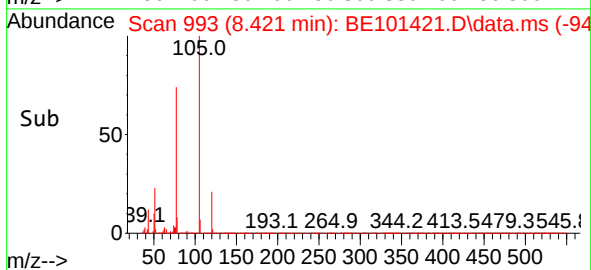
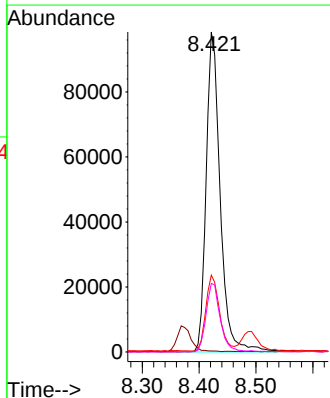
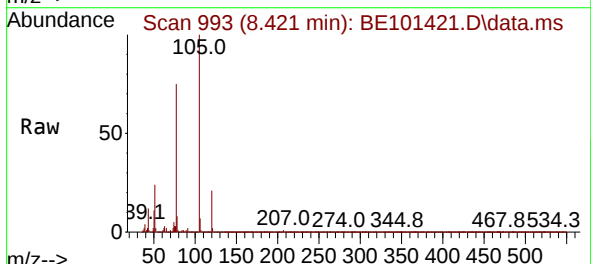
Manual Integrations
APPROVED

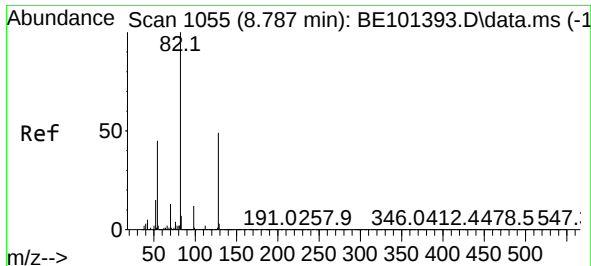
Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024



#22
Acetophenone
Concen: 8.573 ng
RT: 8.421 min Scan# 993
Delta R.T. -0.001 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

Tgt Ion:105 Resp: 167702
Ion Ratio Lower Upper
105 100
71 0.3 0.1 0.1#
51 24.0 19.4 29.0
120 21.4 18.4 27.6





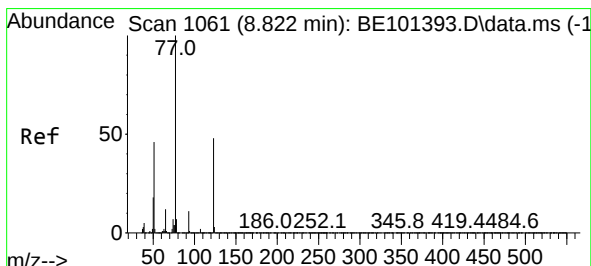
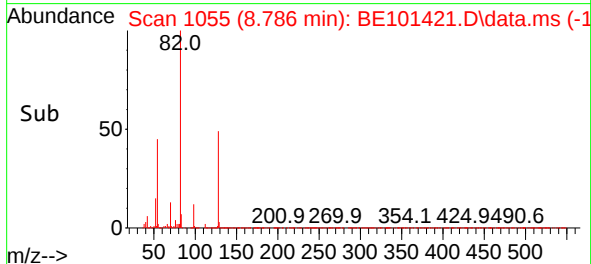
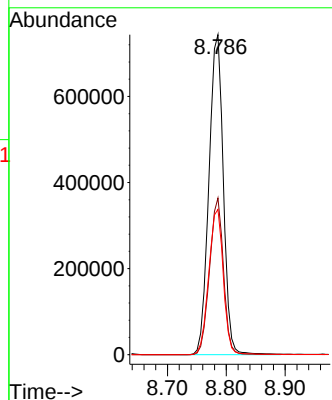
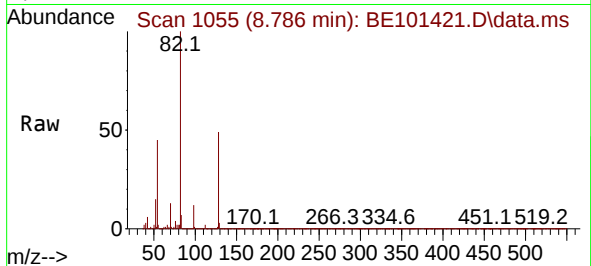
#23
Nitrobenzene-d5
Concen: 91.972 ng
RT: 8.786 min Scan# 1055
Delta R.T. -0.001 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

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

Tgt Ion: 82 Resp: 126149
Ion Ratio Lower Upper
82 100
128 48.9 38.9 58.3
54 45.4 36.2 54.4

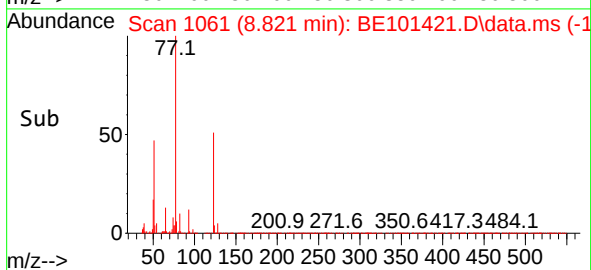
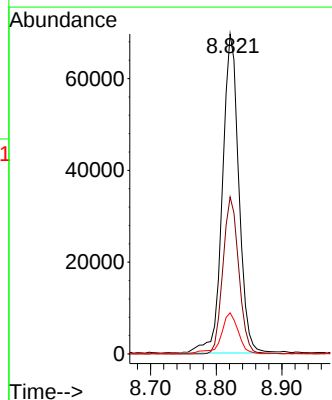
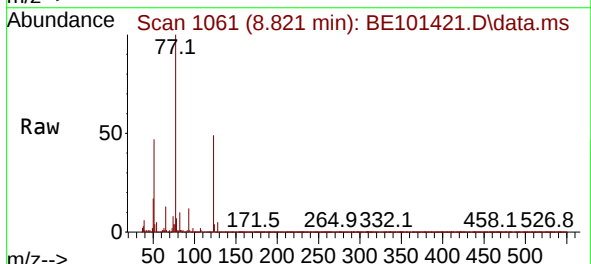
Manual Integrations
APPROVED

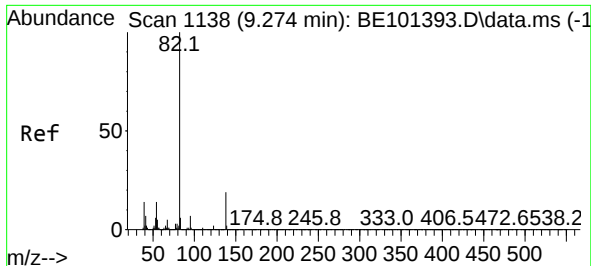
Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024



#24
Nitrobenzene
Concen: 8.265 ng
RT: 8.821 min Scan# 1061
Delta R.T. -0.001 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

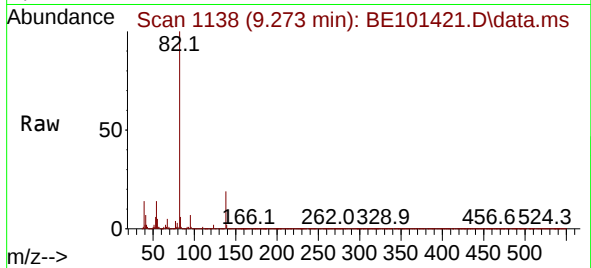
Tgt Ion: 77 Resp: 120658
Ion Ratio Lower Upper
77 100
123 49.1 38.7 58.1
65 12.9 10.0 15.0





#25
Isophorone
Concen: 8.578 ng
RT: 9.273 min Scan# 1138
Delta R.T. -0.001 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

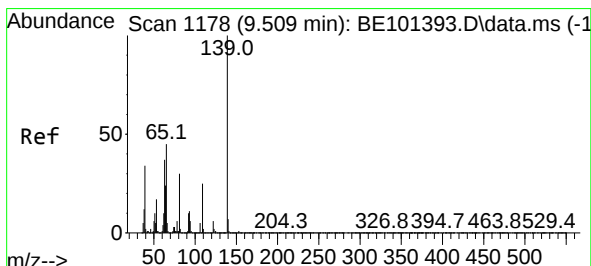
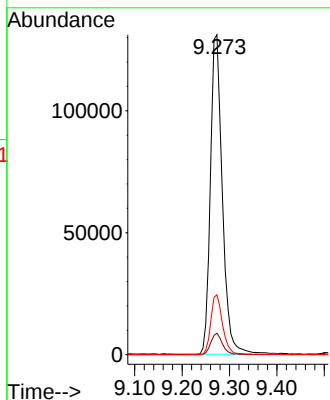
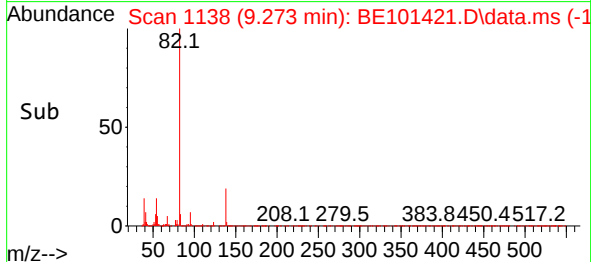
Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT4-2024



Tgt Ion: 82 Resp: 22958
Ion Ratio Lower Upper
82 100
95 6.7 5.5 8.3
138 18.7 15.0 22.4

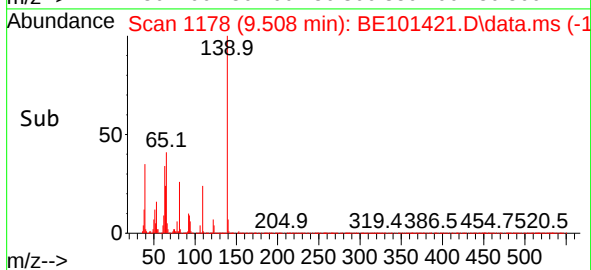
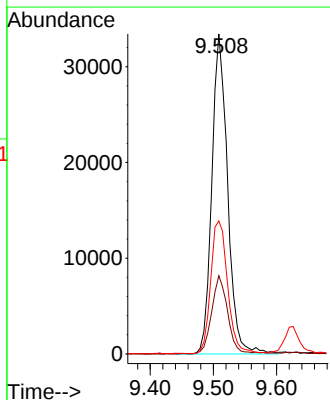
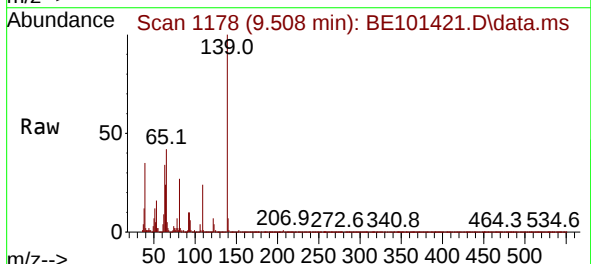
Manual Integrations
APPROVED

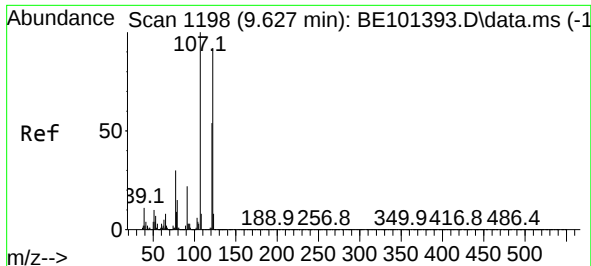
Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024



#26
2-Nitrophenol
Concen: 8.194 ng
RT: 9.508 min Scan# 1178
Delta R.T. -0.001 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

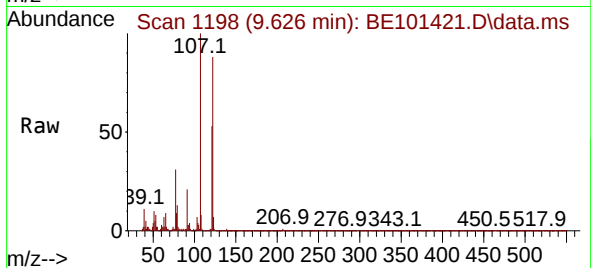
Tgt Ion:139 Resp: 57815
Ion Ratio Lower Upper
139 100
109 24.5 20.1 30.1
65 41.5 36.0 54.0





#27
2,4-Dimethylphenol
Concen: 5.424 ng
RT: 9.626 min Scan# 1198
Delta R.T. -0.001 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

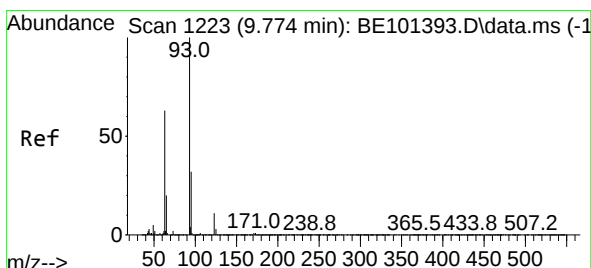
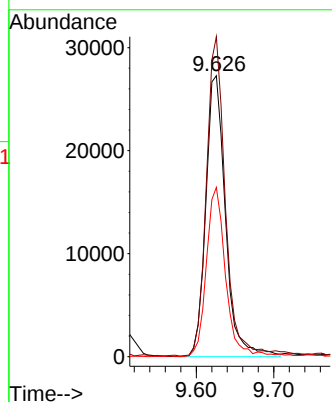
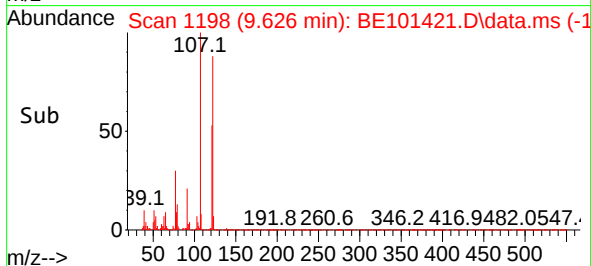
Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT4-2024



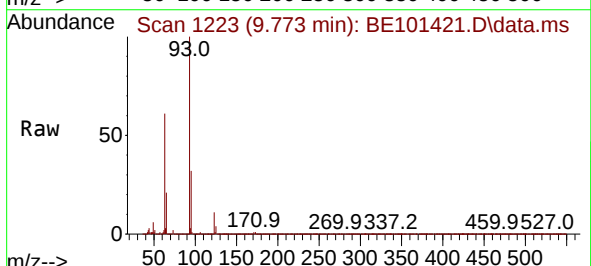
Tgt Ion: 122 Resp: 48158
Ion Ratio Lower Upper
122 100
107 113.9 87.4 131.0
121 60.3 47.4 71.0

Manual Integrations
APPROVED

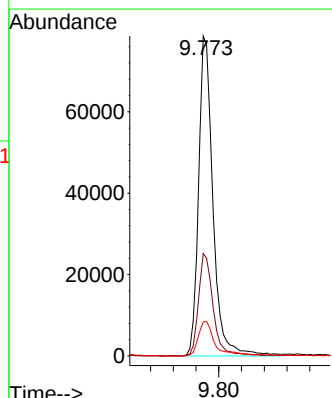
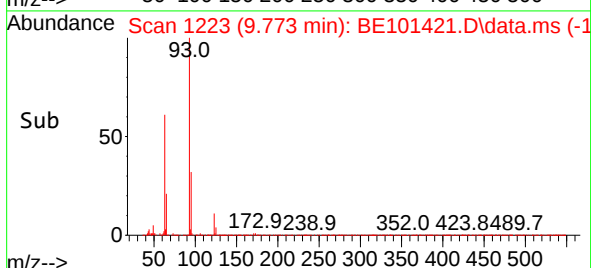
Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024

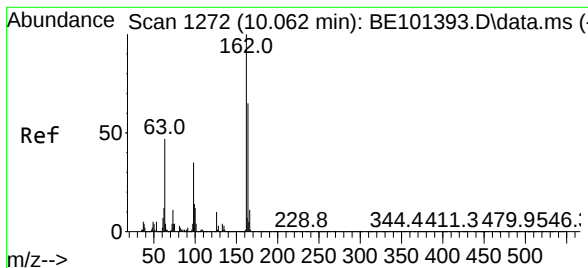


#28
bis(2-Chloroethoxy)methane
Concen: 8.525 ng
RT: 9.773 min Scan# 1223
Delta R.T. -0.001 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58



Tgt Ion: 93 Resp: 138383
Ion Ratio Lower Upper
93 100
95 32.0 25.8 38.6
123 10.6 8.6 13.0





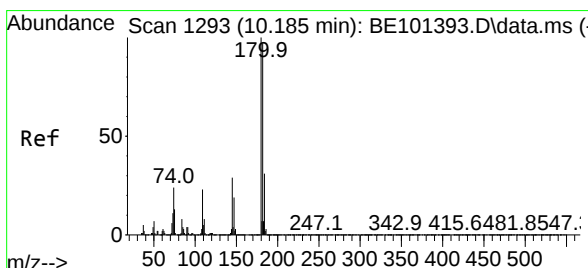
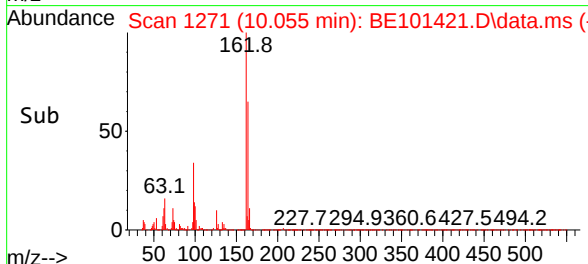
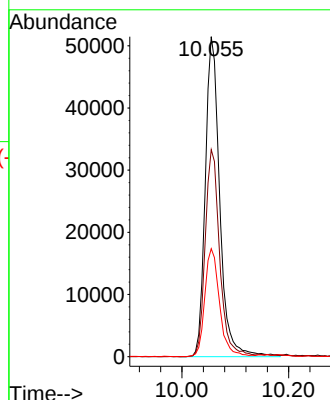
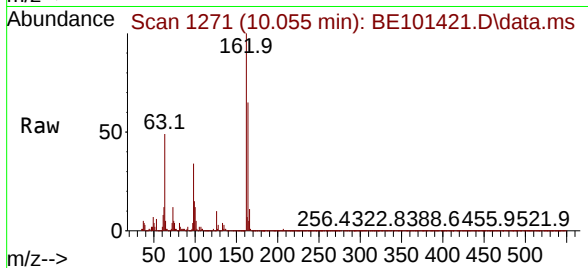
#29
2,4-Dichlorophenol
Concen: 7.884 ng
RT: 10.055 min Scan# 1272
Delta R.T. -0.007 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

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

Tgt Ion:162 Resp: 9684
Ion Ratio Lower Upper
162 100
164 64.7 45.4 85.4
98 33.7 14.5 54.5

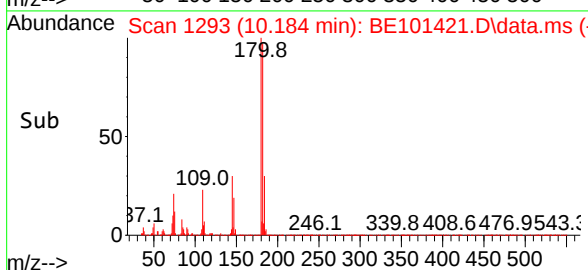
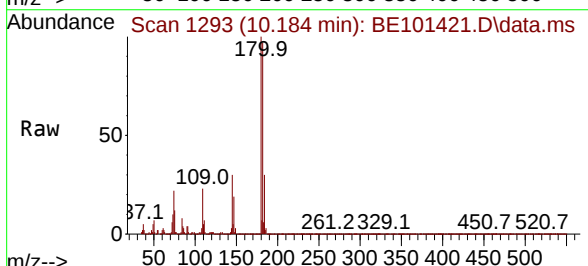
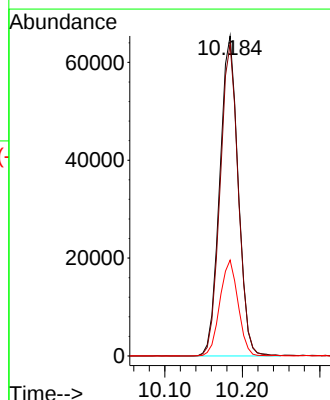
Manual Integrations
APPROVED

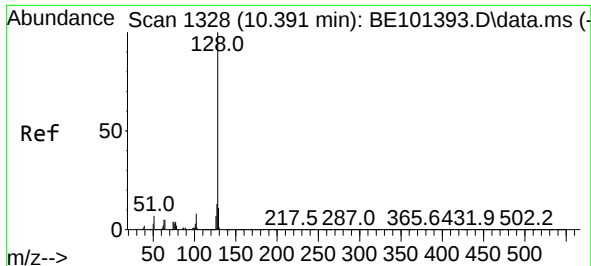
Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024



#30
1,2,4-Trichlorobenzene
Concen: 8.073 ng
RT: 10.184 min Scan# 1293
Delta R.T. -0.001 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

Tgt Ion:180 Resp: 108020
Ion Ratio Lower Upper
180 100
182 97.4 77.4 116.0
145 30.0 23.3 34.9





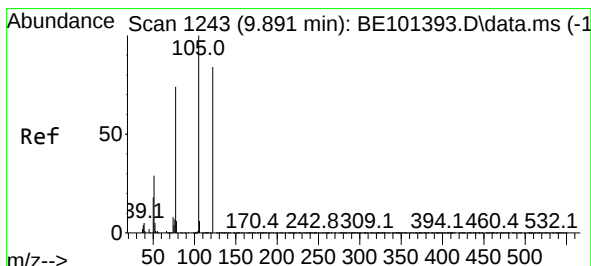
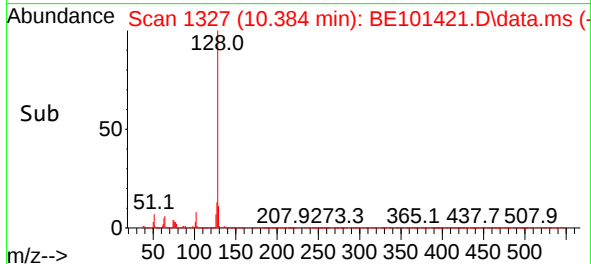
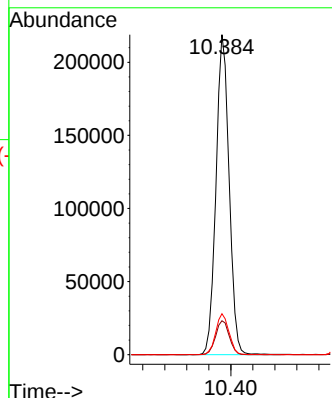
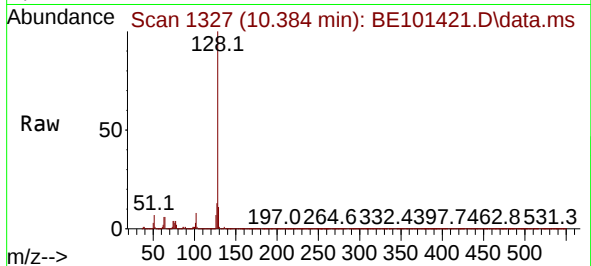
#31
Naphthalene
Concen: 8.244 ng
RT: 10.384 min Scan# 11
Delta R.T. -0.007 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

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

Tgt Ion:128 Resp: 36192
Ion Ratio Lower Upper
128 100
129 10.6 8.8 13.2
127 12.8 10.3 15.5

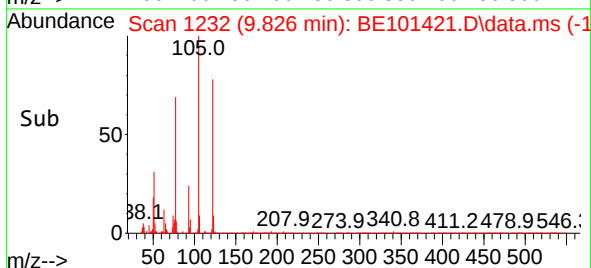
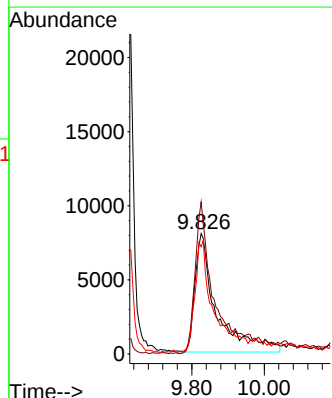
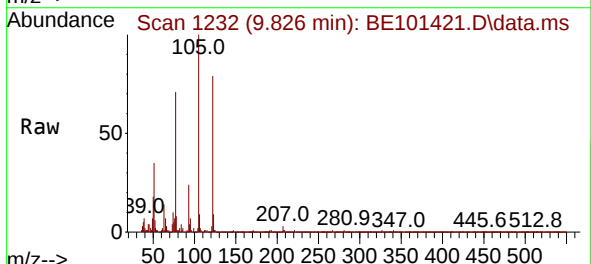
Manual Integrations
APPROVED

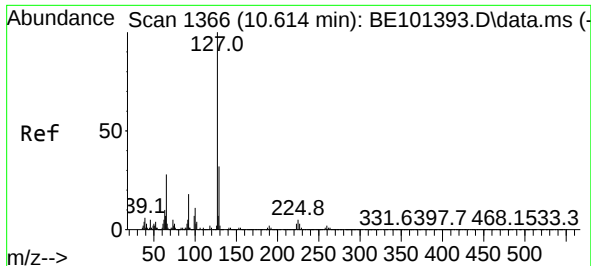
Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024



#32
Benzoic acid
Concen: 11.222 ng m
RT: 9.826 min Scan# 1232
Delta R.T. -0.065 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

Tgt Ion:122 Resp: 33126
Ion Ratio Lower Upper
122 100
105 126.4 97.9 137.9
77 89.2 68.1 108.1





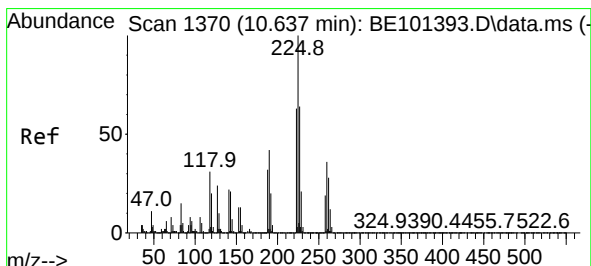
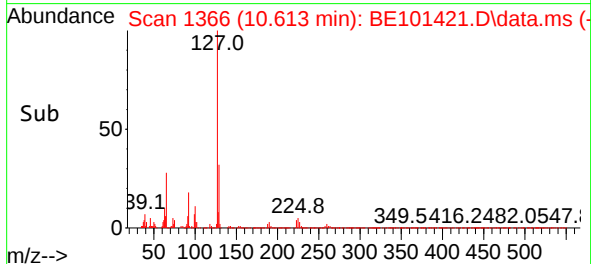
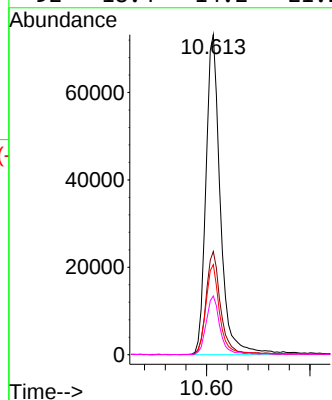
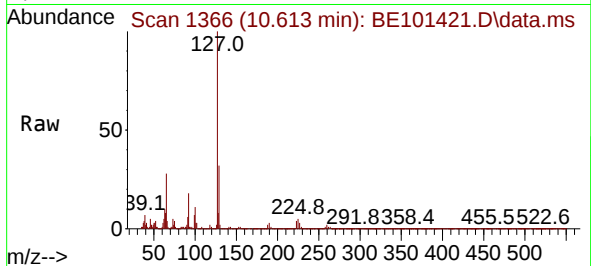
#33
4-Chloroaniline
Concen: 9.288 ng
RT: 10.613 min Scan# 1366
Delta R.T. -0.001 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

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

Tgt Ion:	127	Resp:	14178
Ion Ratio	Lower	Upper	
127	100		
129	32.2	25.7	38.5
65	28.2	22.2	33.4
92	18.4	14.2	21.2

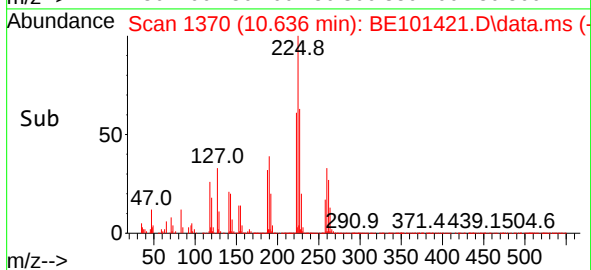
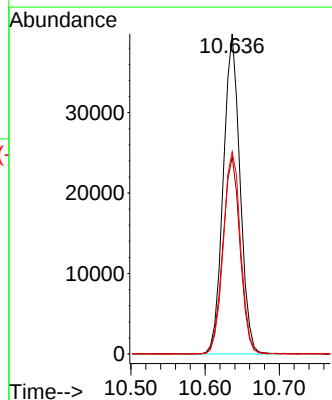
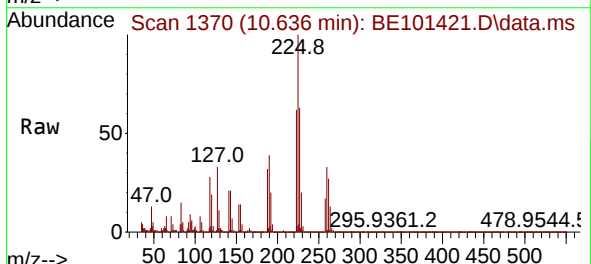
Manual Integrations
APPROVED

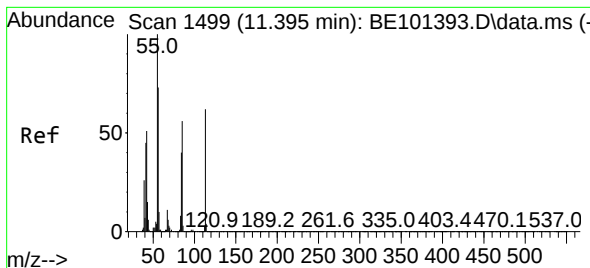
Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024



#34
Hexachlorobutadiene
Concen: 7.866 ng
RT: 10.636 min Scan# 1370
Delta R.T. -0.001 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

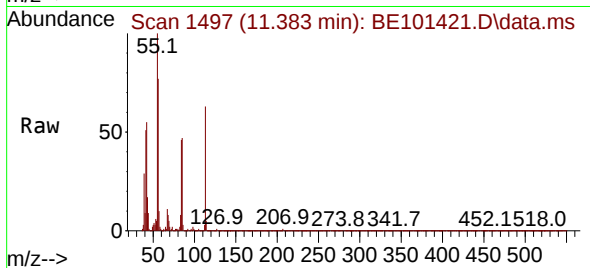
Tgt Ion:	225	Resp:	62299
Ion Ratio	Lower	Upper	
225	100		
223	61.5	50.5	75.7
227	63.2	51.0	76.6





#35
Caprolactam
Concen: 7.365 ng
RT: 11.383 min Scan# 1499
Delta R.T. -0.013 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

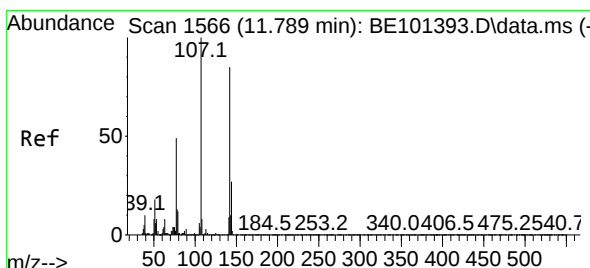
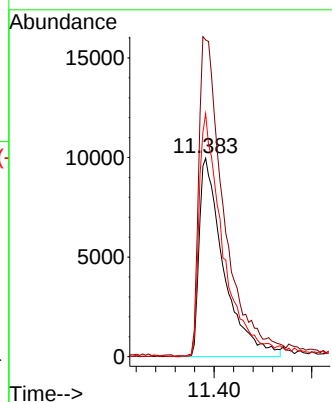
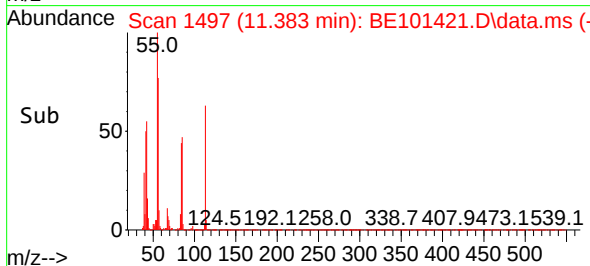
Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT4-2024



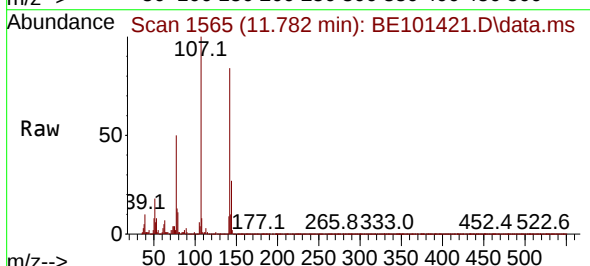
Tgt Ion:113 Resp: 34670
Ion Ratio Lower Upper
113 100
55 159.7 141.2 181.2
56 122.5 96.9 136.9

Manual Integrations
APPROVED

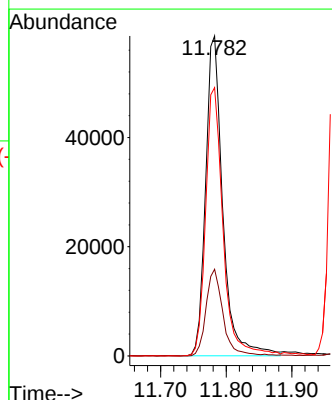
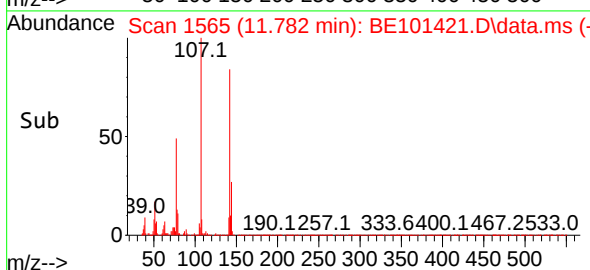
Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024

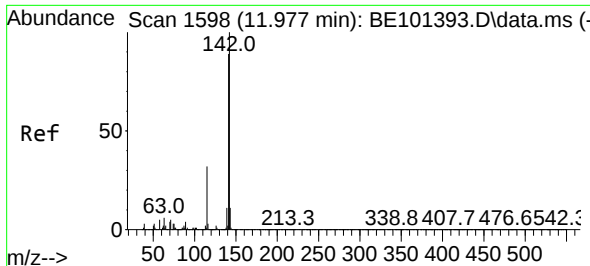


#36
4-Chloro-3-methylphenol
Concen: 7.630 ng
RT: 11.782 min Scan# 1565
Delta R.T. -0.007 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58



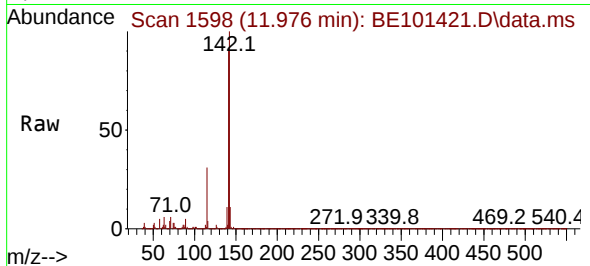
Tgt Ion:107 Resp: 106706
Ion Ratio Lower Upper
107 100
144 27.1 21.9 32.9
142 83.8 68.0 102.0





#37
2-Methylnaphthalene
Concen: 8.227 ng
RT: 11.976 min Scan# 1598
Delta R.T. -0.001 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

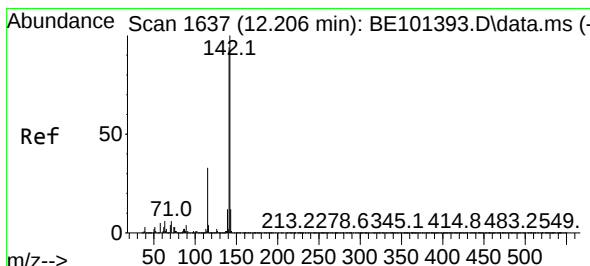
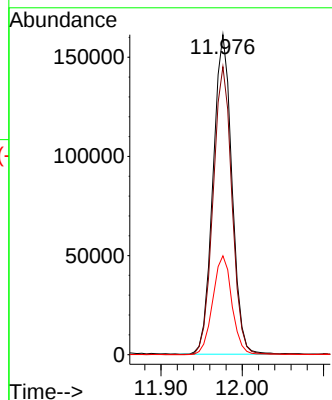
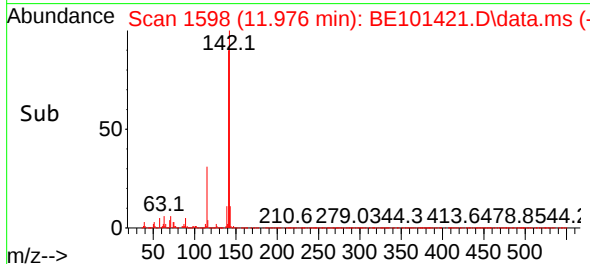
Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT4-2024



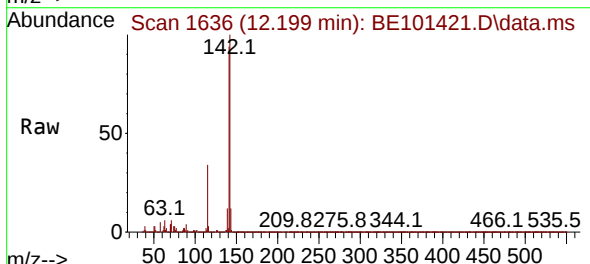
Tgt Ion:142 Resp: 260208
Ion Ratio Lower Upper
142 100
141 90.0 71.4 107.2
115 30.9 25.6 38.4

Manual Integrations
APPROVED

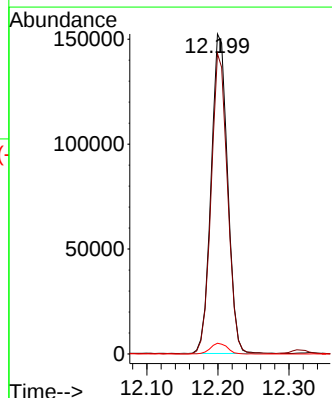
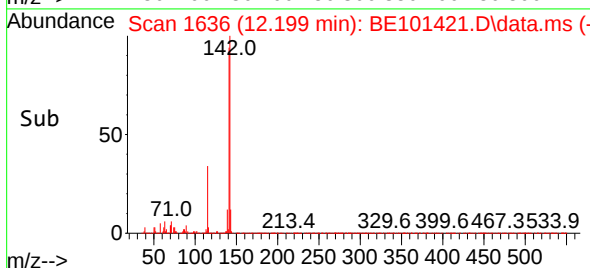
Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024

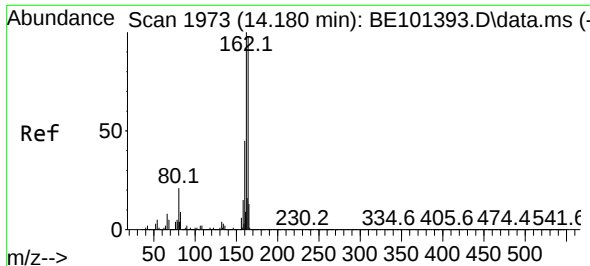


#38
1-Methylnaphthalene
Concen: 7.762 ng
RT: 12.199 min Scan# 1636
Delta R.T. -0.007 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58



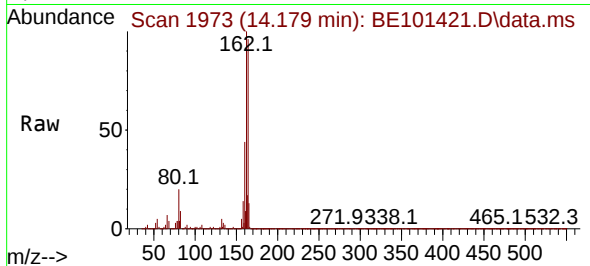
Tgt Ion:142 Resp: 245021
Ion Ratio Lower Upper
142 100
141 93.8 75.0 112.4
116 3.4 2.9 4.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.179 min Scan# 1973
Delta R.T. -0.001 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

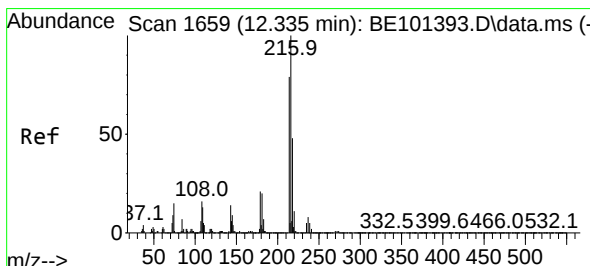
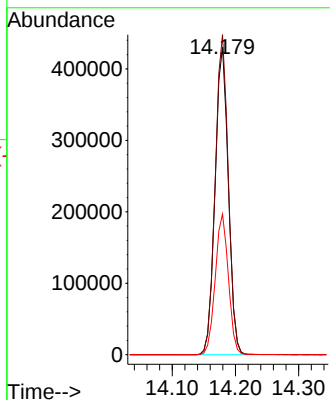
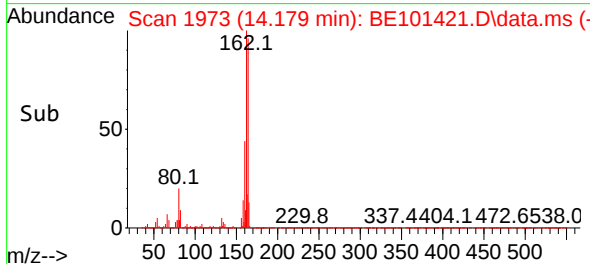
Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT4-2024



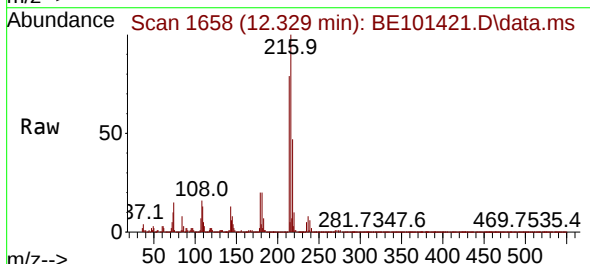
Tgt Ion:164 Resp: 625958
Ion Ratio Lower Upper
164 100
162 104.0 81.3 121.9
160 45.7 36.4 54.6

Manual Integrations
APPROVED

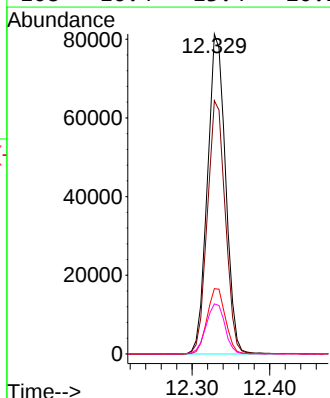
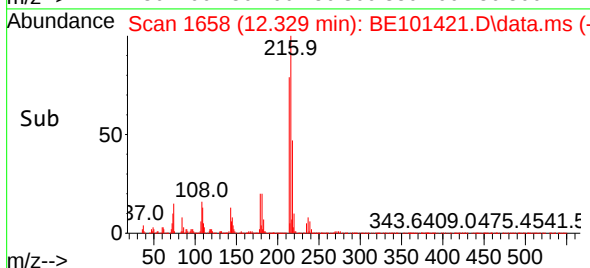
Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024

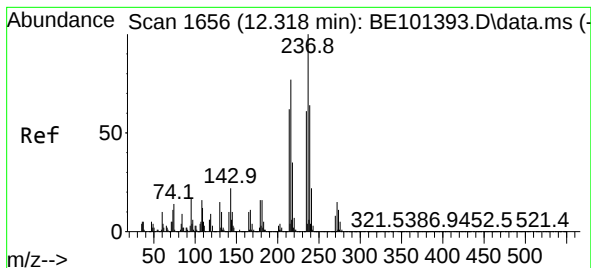


#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.396 ng
RT: 12.329 min Scan# 1658
Delta R.T. -0.007 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58



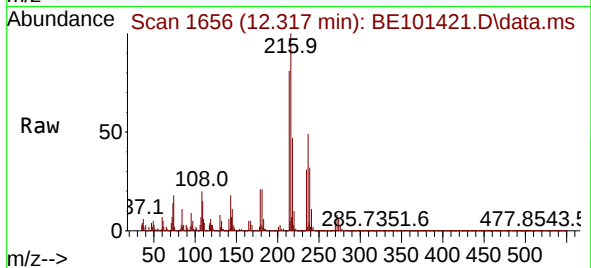
Tgt Ion:216 Resp: 131933
Ion Ratio Lower Upper
216 100
214 78.5 63.0 94.4
179 20.8 16.7 25.1
108 16.4 13.4 20.2





#41
Hexachlorocyclopentadiene
Concen: 4.886 ng
RT: 12.317 min Scan# 1656
Delta R.T. -0.001 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

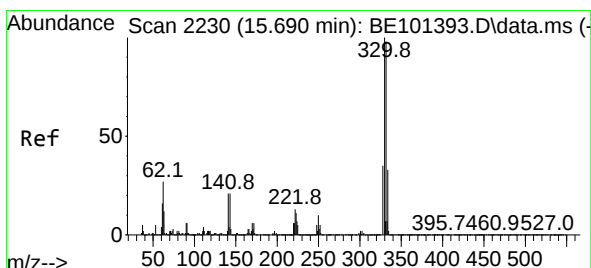
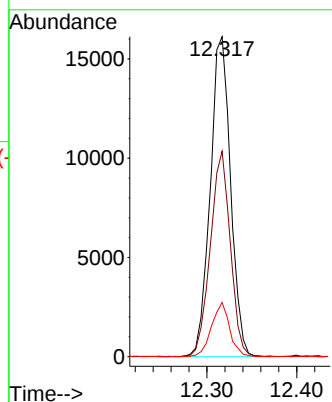
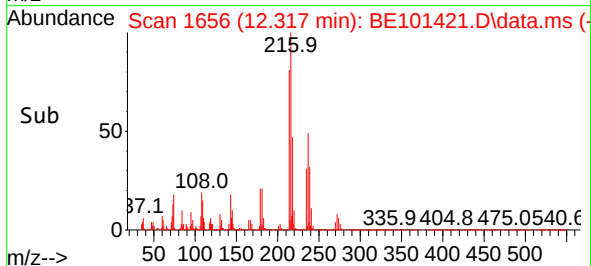
Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT4-2024



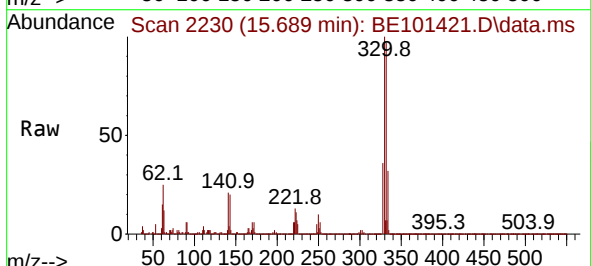
Tgt Ion: 237 Resp: 2535
Ion Ratio Lower Upper
237 100
235 64.2 41.3 81.3
272 17.0 0.0 34.6

Manual Integrations
APPROVED

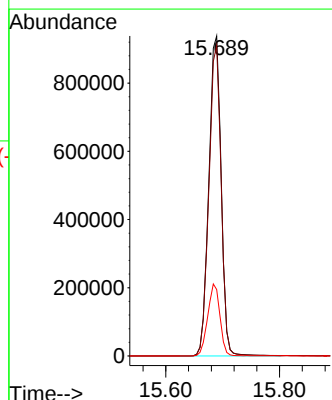
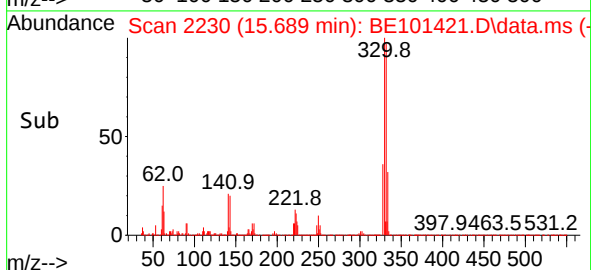
Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024

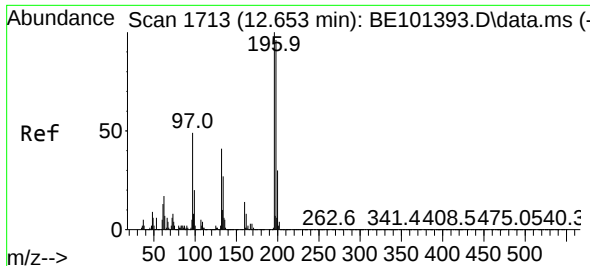


#42
2,4,6-Tribromophenol
Concen: 127.964 ng
RT: 15.689 min Scan# 2230
Delta R.T. -0.001 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58



Tgt Ion: 330 Resp: 1403901
Ion Ratio Lower Upper
330 100
332 96.9 78.2 117.2
141 22.3 18.3 27.5





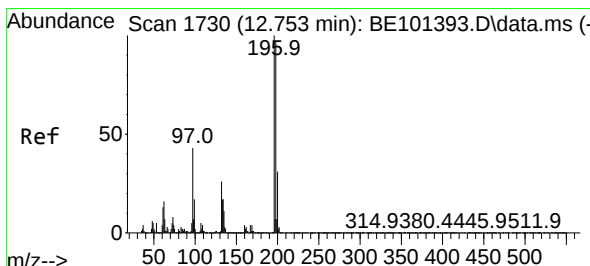
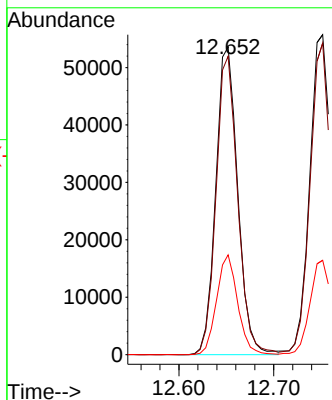
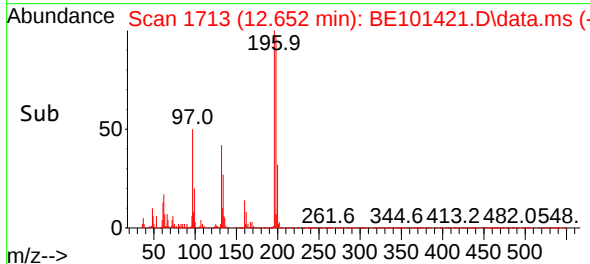
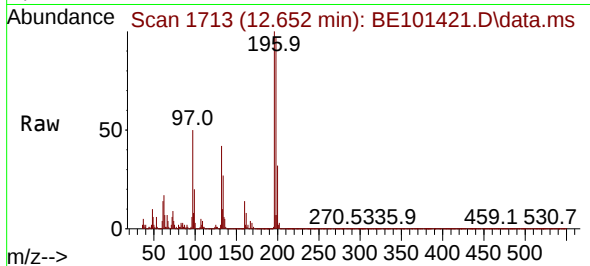
#43
2,4,6-Trichlorophenol
Concen: 7.957 ng
RT: 12.652 min Scan# 1713
Delta R.T. -0.001 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

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

Tgt Ion:196 Resp: 8620
Ion Ratio Lower Upper
196 100
198 97.0 76.6 115.0
200 32.4 24.1 36.1

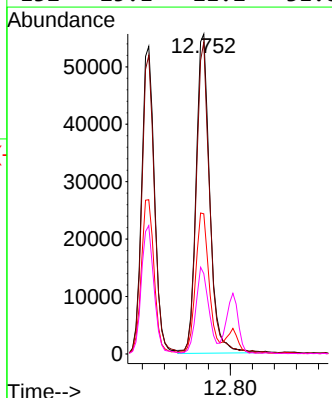
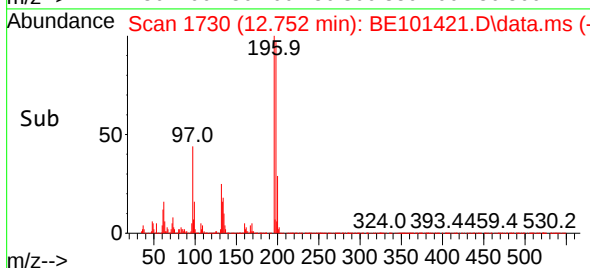
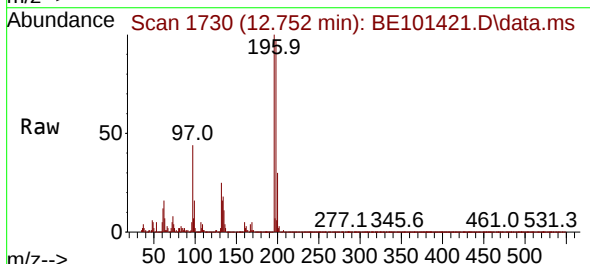
Manual Integrations
APPROVED

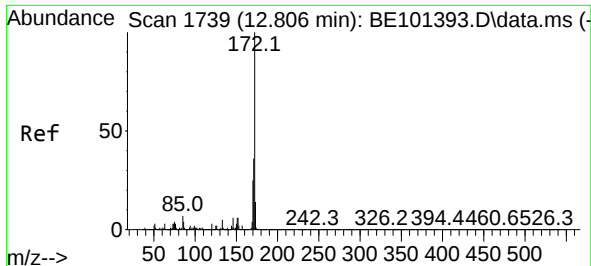
Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024



#44
2,4,5-Trichlorophenol
Concen: 7.729 ng
RT: 12.752 min Scan# 1730
Delta R.T. -0.001 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

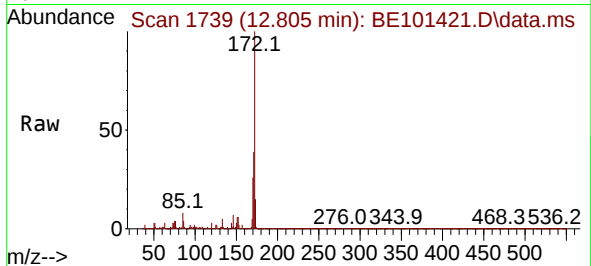
Tgt Ion:196 Resp: 95876
Ion Ratio Lower Upper
196 100
198 97.4 77.4 116.0
97 43.8 34.8 52.2
132 25.1 21.2 31.8





#45
2-Fluorobiphenyl
Concen: 85.664 ng
RT: 12.805 min Scan# 1739
Delta R.T. -0.001 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

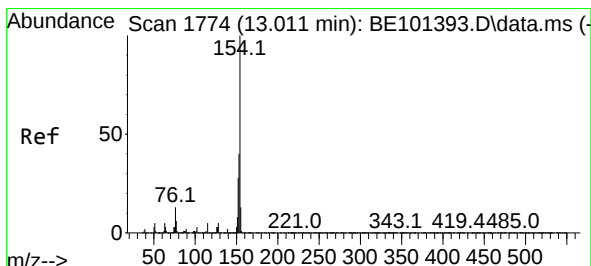
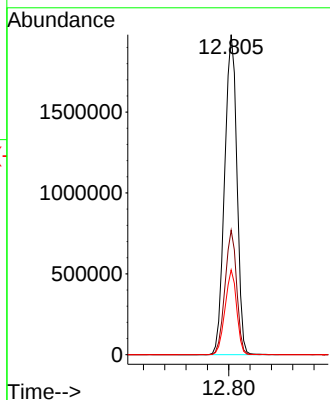
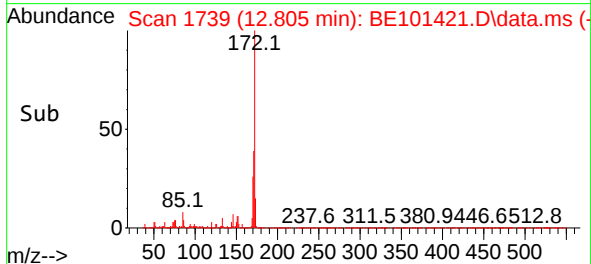
Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT4-2024



Tgt Ion:172 Resp: 316629
Ion Ratio Lower Upper
172 100
171 38.9 29.2 43.8
170 26.5 19.8 29.6

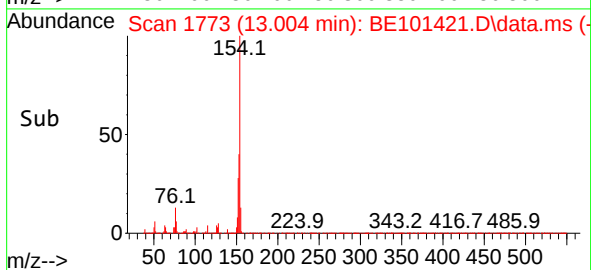
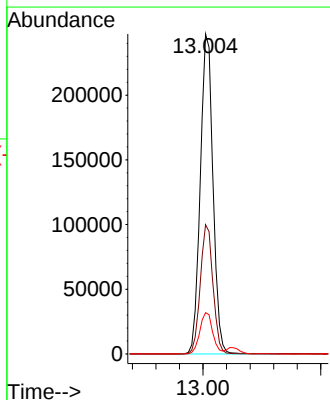
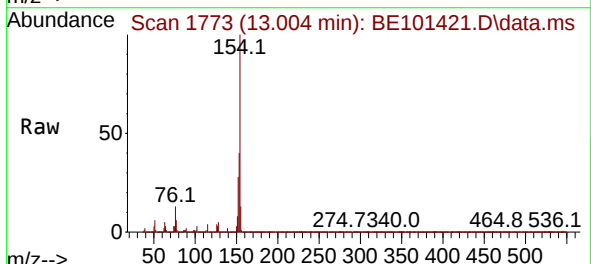
Manual Integrations
APPROVED

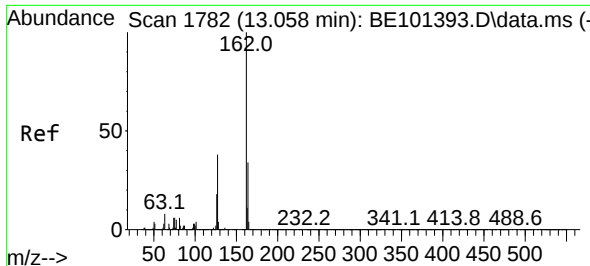
Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024



#46
1,1'-Biphenyl
Concen: 8.660 ng
RT: 13.004 min Scan# 1773
Delta R.T. -0.007 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

Tgt Ion:154 Resp: 371373
Ion Ratio Lower Upper
154 100
153 40.4 20.3 60.3
76 12.9 0.0 32.6





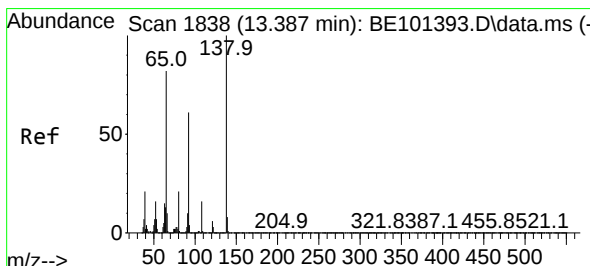
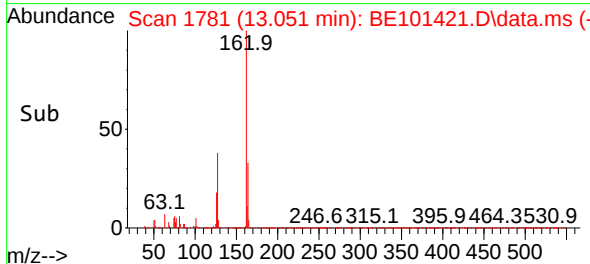
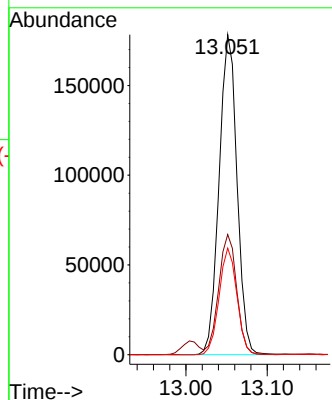
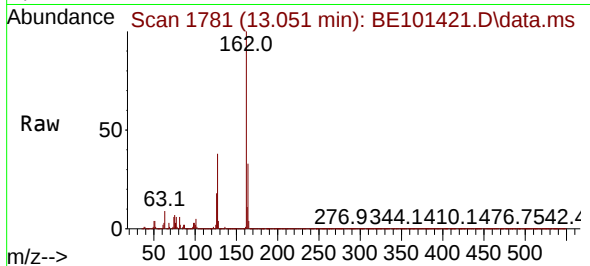
#47
2-Chloronaphthalene
Concen: 8.077 ng
RT: 13.051 min Scan# 1781
Delta R.T. -0.007 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

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

Tgt Ion:162 Resp: 27366
Ion Ratio Lower Upper
162 100
127 37.5 30.4 45.6
164 33.3 27.0 40.6

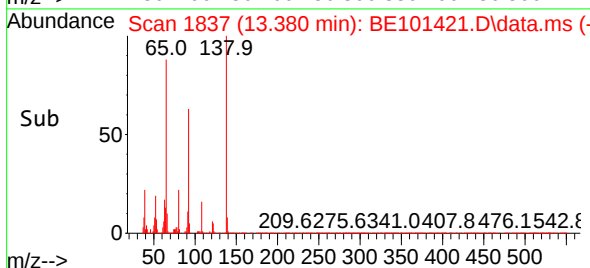
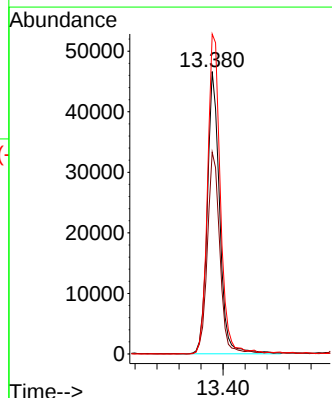
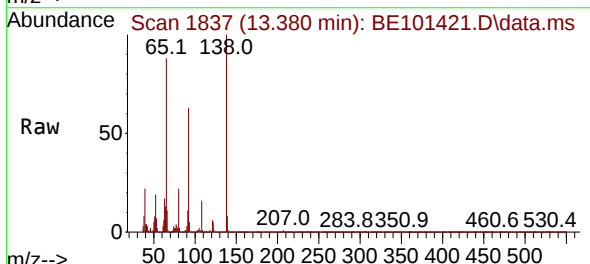
Manual Integrations
APPROVED

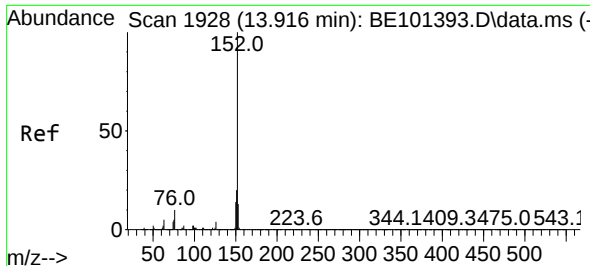
Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024



#48
2-Nitroaniline
Concen: 7.924 ng
RT: 13.380 min Scan# 1837
Delta R.T. -0.007 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

Tgt Ion: 65 Resp: 72257
Ion Ratio Lower Upper
65 100
92 71.4 59.0 88.4
138 113.3 97.4 146.0





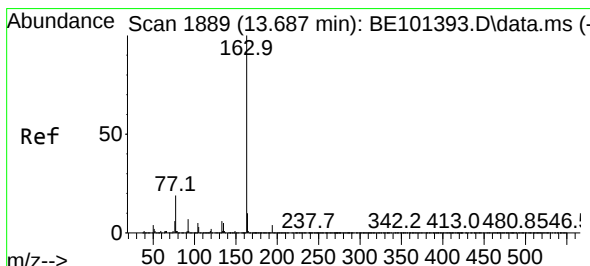
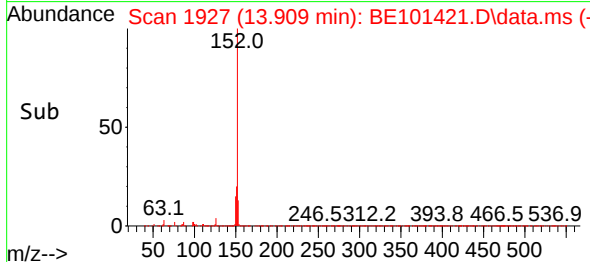
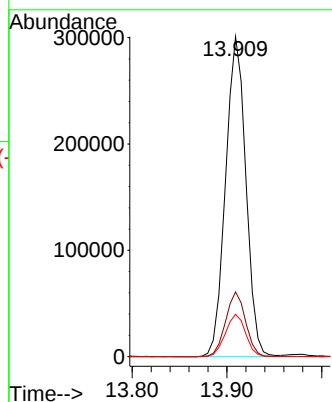
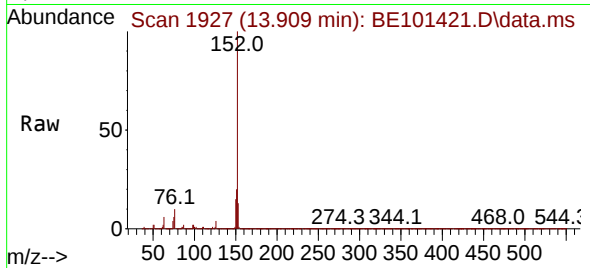
#49
Acenaphthylene
Concen: 8.939 ng
RT: 13.909 min Scan# 1927
Delta R.T. -0.007 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

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

Tgt Ion:152 Resp: 447919
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 13.3 10.5 15.7

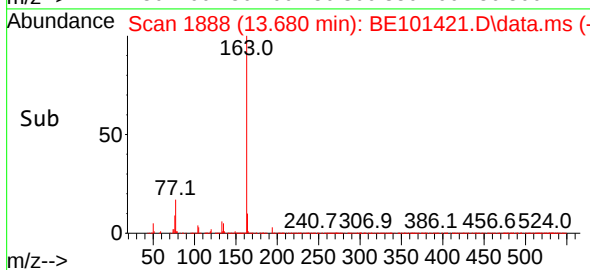
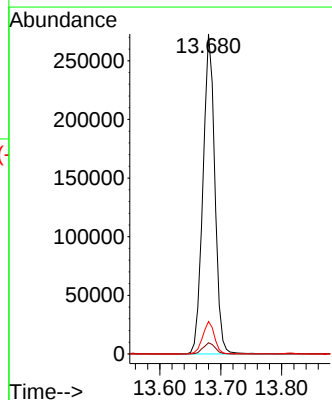
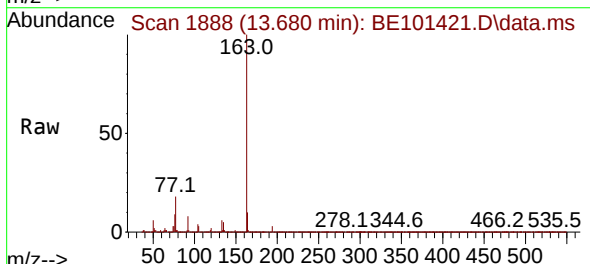
Manual Integrations
APPROVED

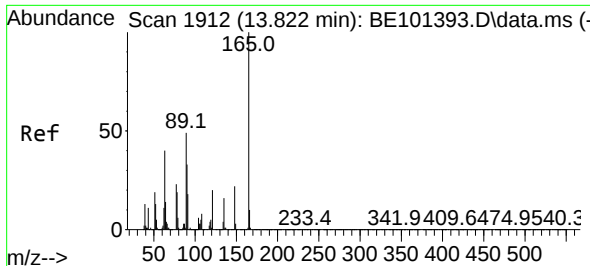
Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024



#50
Dimethylphthalate
Concen: 8.374 ng
RT: 13.680 min Scan# 1888
Delta R.T. -0.007 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

Tgt Ion:163 Resp: 370006
Ion Ratio Lower Upper
163 100
194 3.5 2.9 4.3
164 10.1 8.4 12.6





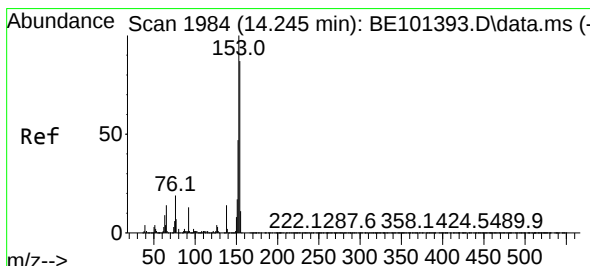
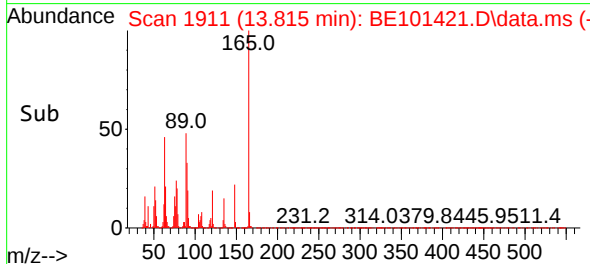
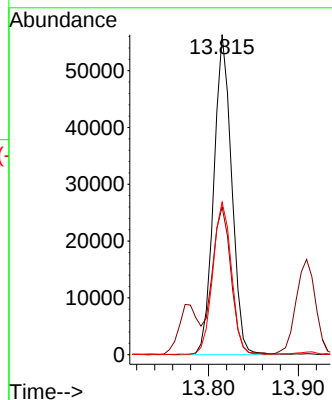
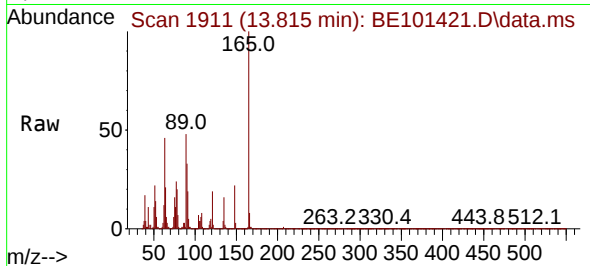
#51
2,6-Dinitrotoluene
Concen: 7.629 ng
RT: 13.815 min Scan# 1911
Delta R.T. -0.007 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

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

Tgt Ion:165 Resp: 77820
Ion Ratio Lower Upper
165 100
63 46.2 38.0 57.0
89 47.7 39.5 59.3

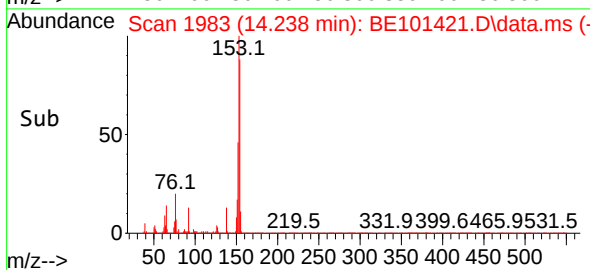
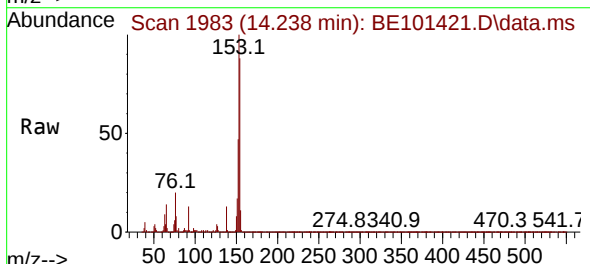
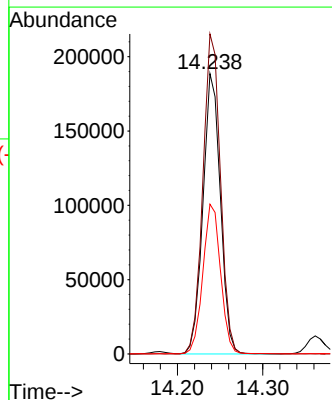
Manual Integrations
APPROVED

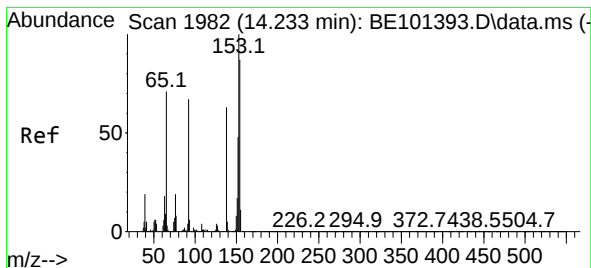
Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024



#52
Acenaphthene
Concen: 8.164 ng
RT: 14.238 min Scan# 1983
Delta R.T. -0.007 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

Tgt Ion:154 Resp: 267102
Ion Ratio Lower Upper
154 100
153 114.1 91.8 137.6
152 53.4 43.1 64.7





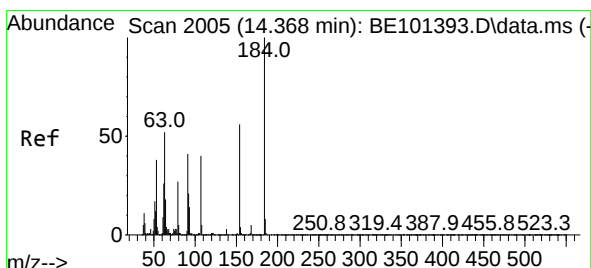
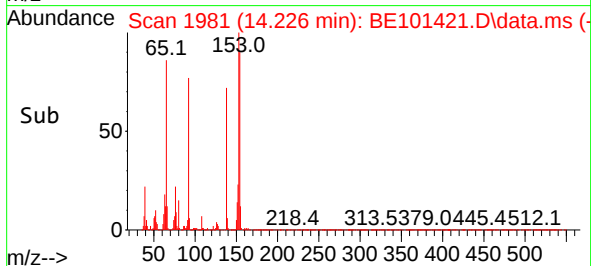
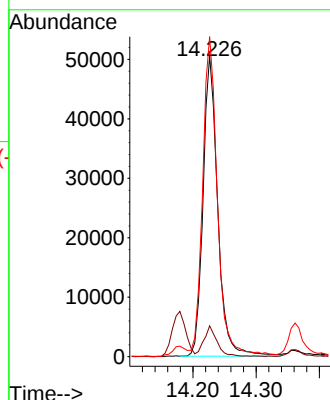
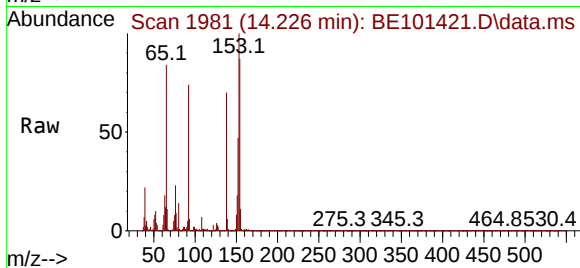
#53
3-Nitroaniline
Concen: 8.023 ng
RT: 14.226 min Scan# 1982
Delta R.T. -0.007 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

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

Tgt Ion:138 Resp: 8138
Ion Ratio Lower Upper
138 100
108 10.2 7.1 10.7
92 106.3 84.4 126.6

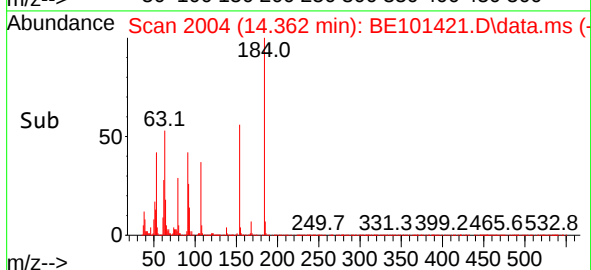
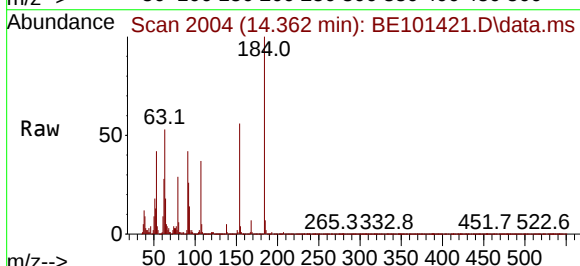
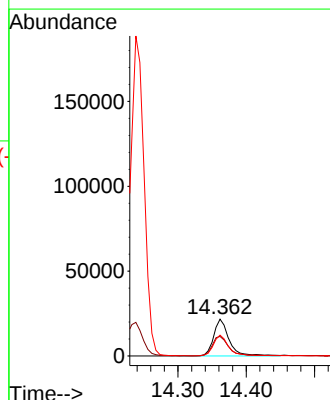
Manual Integrations
APPROVED

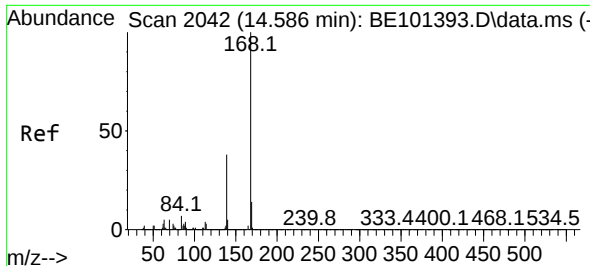
Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024



#54
2,4-Dinitrophenol
Concen: 9.977 ng
RT: 14.362 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

Tgt Ion:184 Resp: 33991
Ion Ratio Lower Upper
184 100
63 53.2 41.8 62.6
154 56.3 44.9 67.3





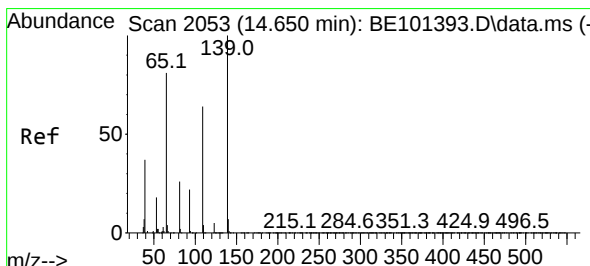
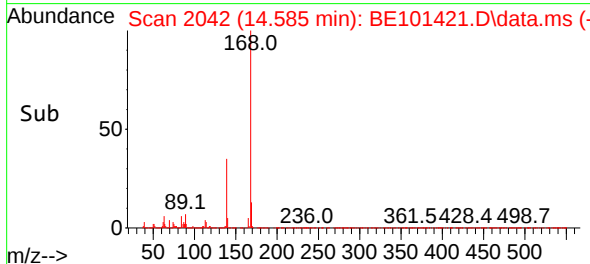
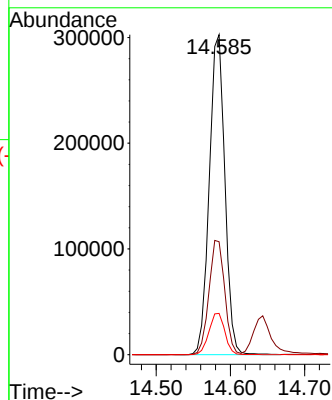
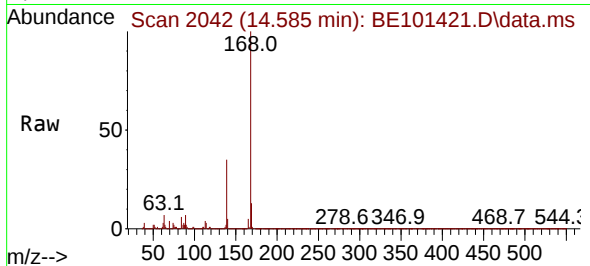
#55
Dibenzenofuran
Concen: 8.450 ng
RT: 14.585 min Scan# 2042
Delta R.T. -0.001 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

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

Tgt Ion:168 Resp: 440633
Ion Ratio Lower Upper
168 100
139 35.3 30.2 45.4
169 12.9 11.0 16.4

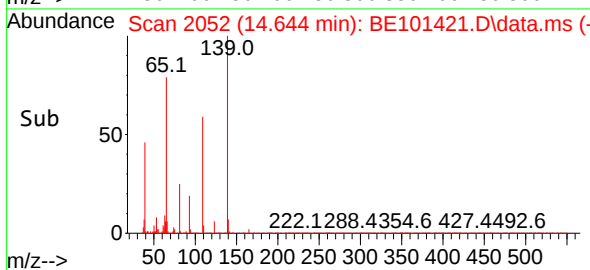
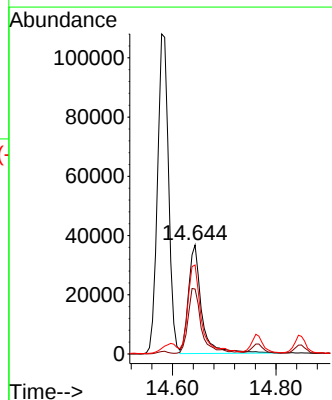
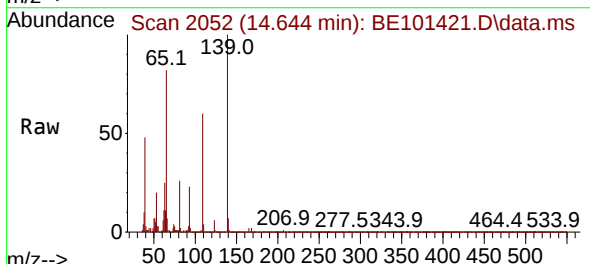
Manual Integrations
APPROVED

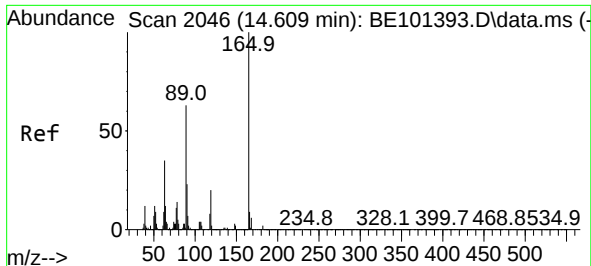
Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024



#56
4-Nitrophenol
Concen: 6.932 ng
RT: 14.644 min Scan# 2052
Delta R.T. -0.006 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

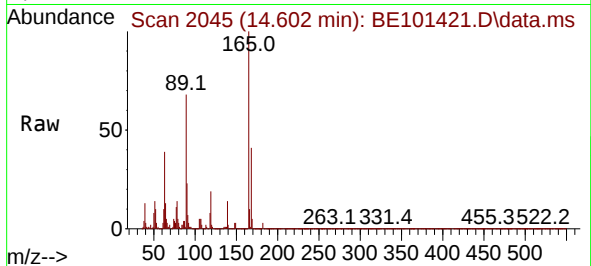
Tgt Ion:139 Resp: 64392
Ion Ratio Lower Upper
139 100
109 59.6 42.4 82.4
65 81.6 63.4 103.4





#57
2,4-Dinitrotoluene
Concen: 7.289 ng
RT: 14.602 min Scan# 2046
Delta R.T. -0.007 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

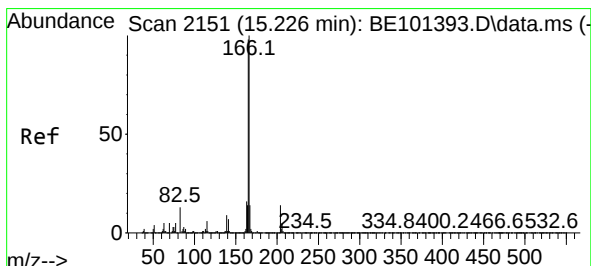
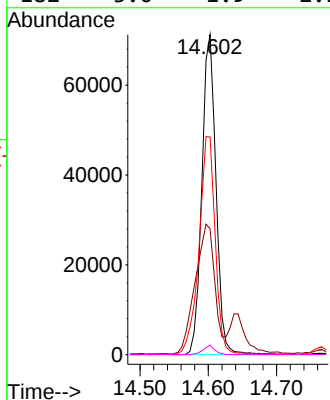
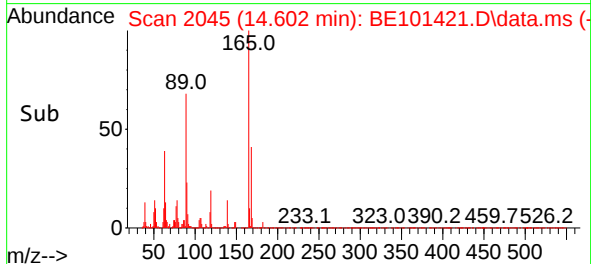
Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT4-2024



Tgt Ion:165 Resp: 102361
Ion Ratio Lower Upper
165 100
63 39.4 28.6 42.8
89 68.0 50.8 76.2
182 3.0 1.9 2.9#

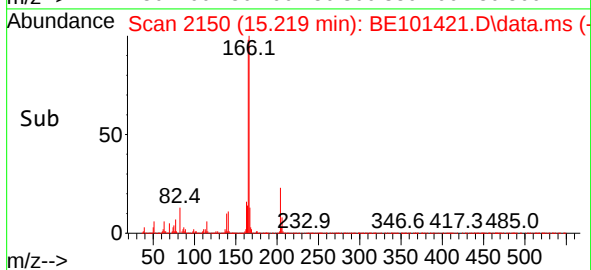
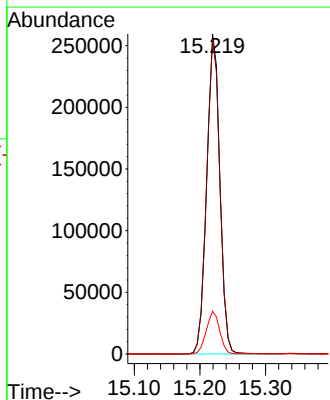
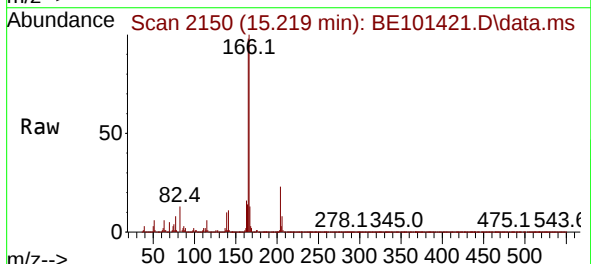
Manual Integrations
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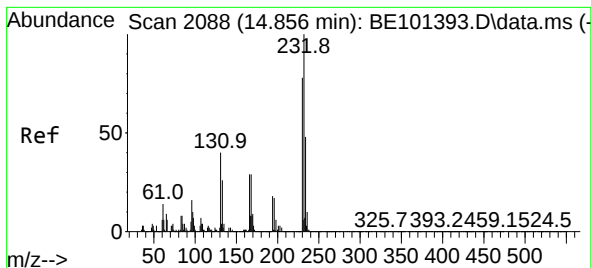
Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024



#58
Fluorene
Concen: 8.276 ng
RT: 15.219 min Scan# 2150
Delta R.T. -0.007 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

Tgt Ion:166 Resp: 361028
Ion Ratio Lower Upper
166 100
165 98.4 78.7 118.1
167 13.4 11.0 16.4





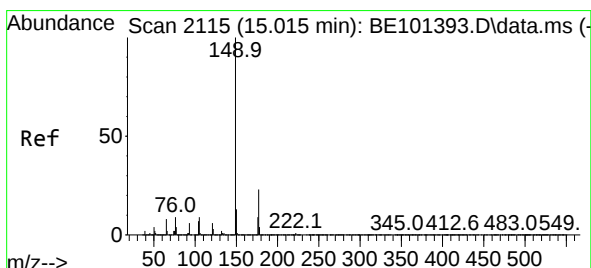
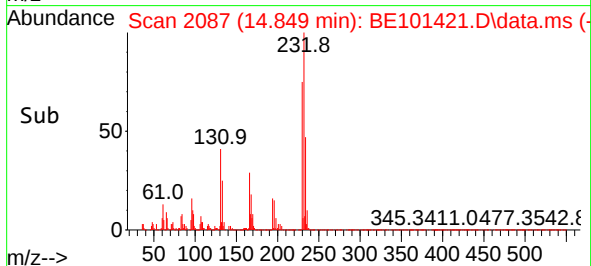
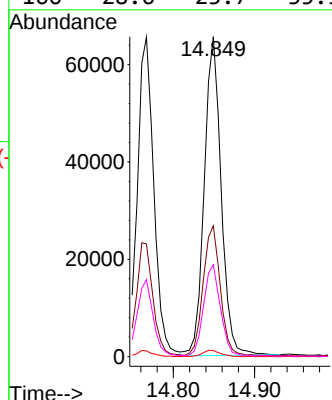
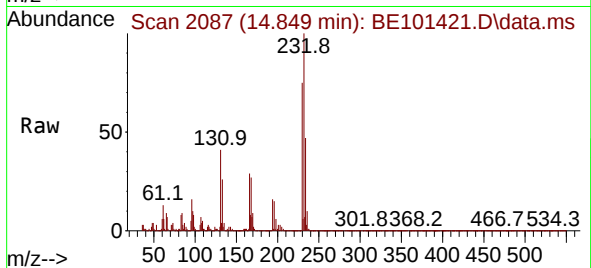
#59
2,3,4,6-Tetrachlorophenol
Concen: 8.257 ng
RT: 14.849 min Scan# 2087
Delta R.T. -0.007 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

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

Tgt Ion:232 Resp: 9464
Ion Ratio Lower Upper
232 100
131 41.6 33.5 50.3
130 2.2 1.6 2.4
166 28.6 23.7 35.5

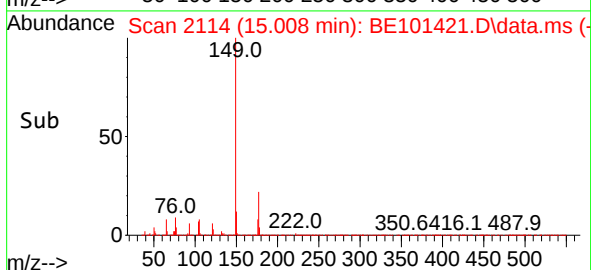
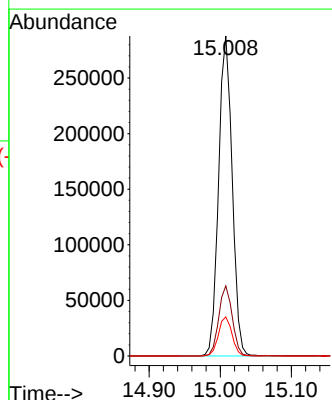
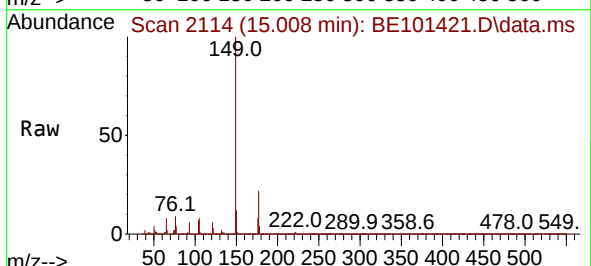
Manual Integrations
APPROVED

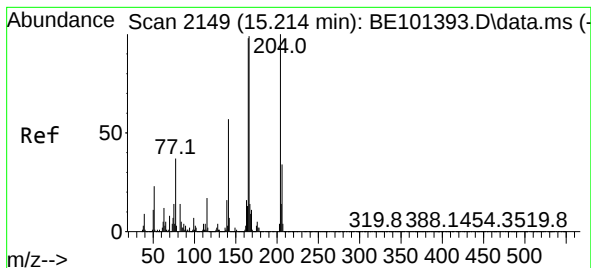
Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024



#60
Diethylphthalate
Concen: 8.226 ng
RT: 15.008 min Scan# 2114
Delta R.T. -0.007 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

Tgt Ion:149 Resp: 380169
Ion Ratio Lower Upper
149 100
177 21.9 18.0 27.0
150 12.2 10.3 15.5





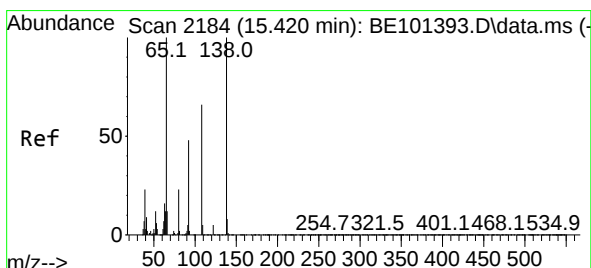
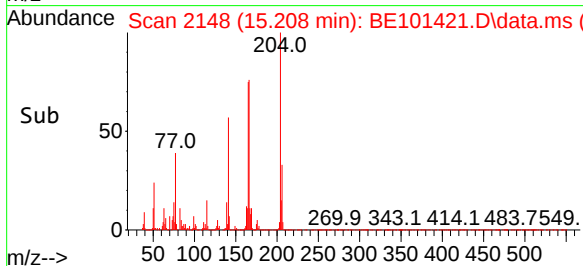
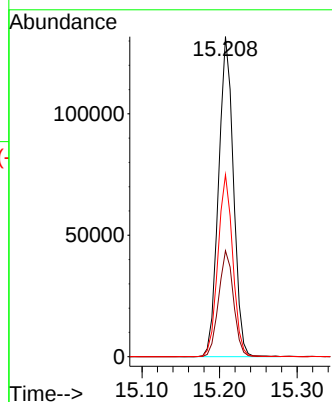
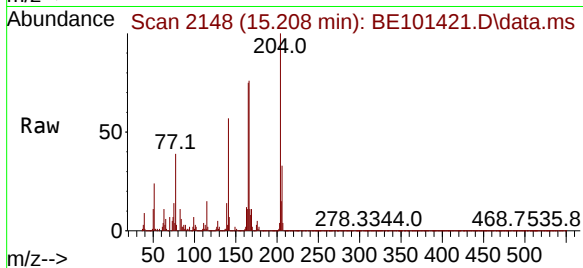
#61
4-Chlorophenyl-phenylether
Concen: 8.129 ng
RT: 15.208 min Scan# 2148
Delta R.T. -0.007 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

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

Tgt Ion:204 Resp: 17596
Ion Ratio Lower Upper
204 100
206 33.1 26.9 40.3
141 56.8 45.9 68.9

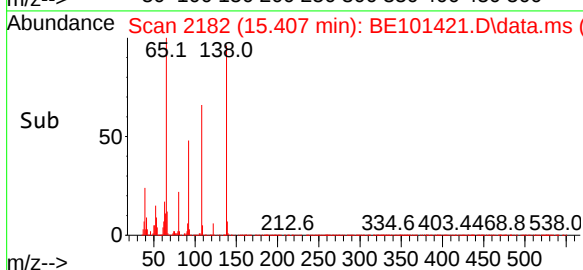
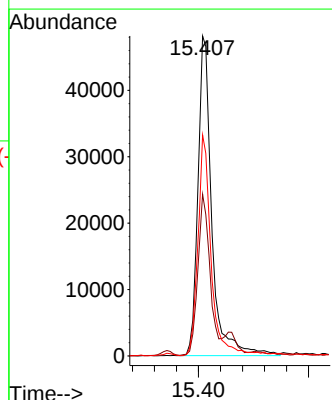
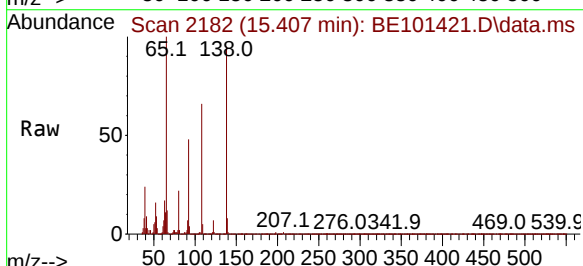
Manual Integrations
APPROVED

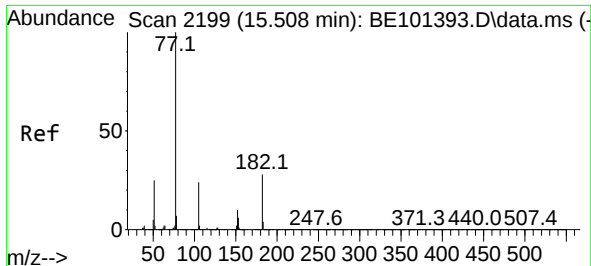
Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024



#62
4-Nitroaniline
Concen: 7.490 ng
RT: 15.407 min Scan# 2182
Delta R.T. -0.013 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

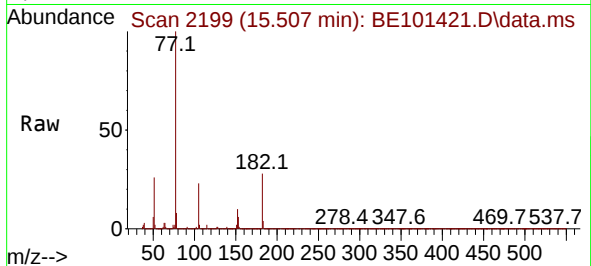
Tgt Ion:138 Resp: 84539
Ion Ratio Lower Upper
138 100
92 50.5 28.7 68.7
108 69.1 46.5 86.5





#63
Azobenzene
Concen: 8.457 ng
RT: 15.507 min Scan# 2199
Delta R.T. -0.001 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

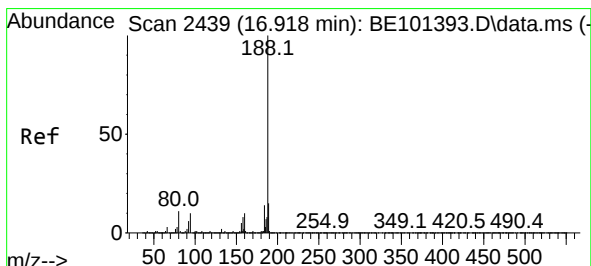
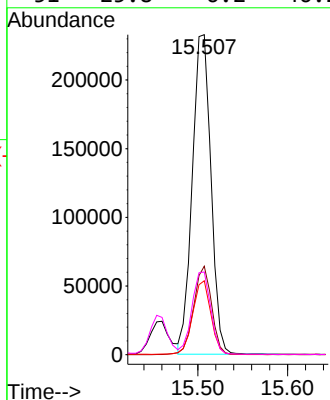
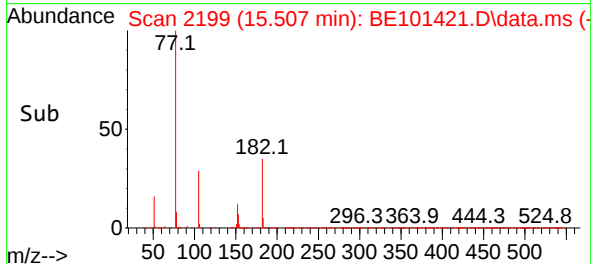
Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT4-2024



Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.6	7.6	47.6
105	23.1	3.2	43.2
51	25.8	6.2	46.2

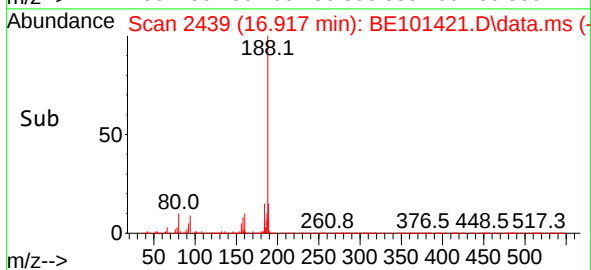
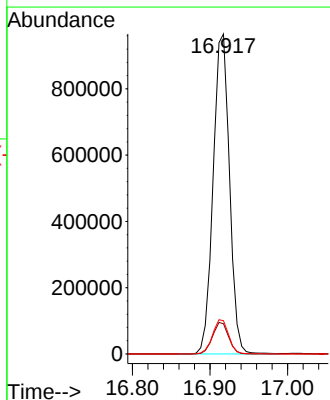
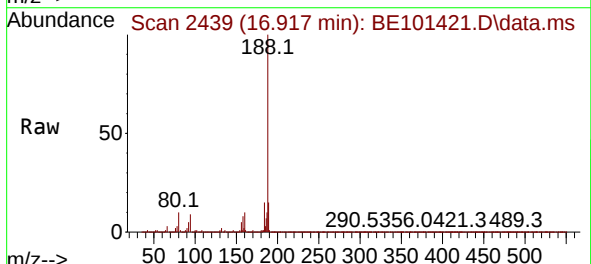
Manual Integrations
APPROVED

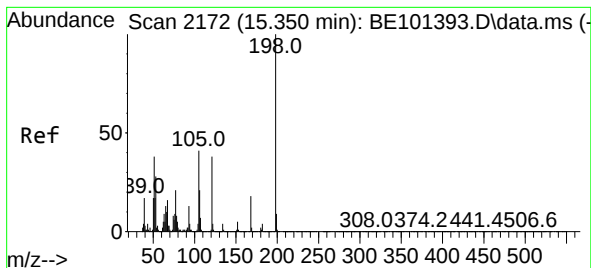
Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.917 min Scan# 2439
Delta R.T. -0.001 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.8	11.8
80	10.4	8.6	12.8





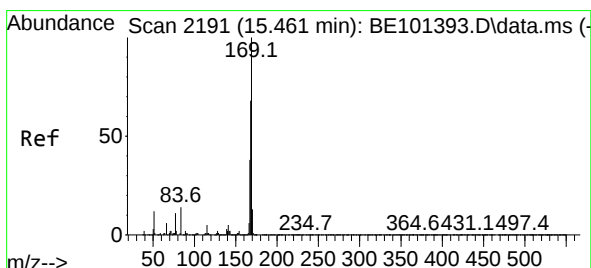
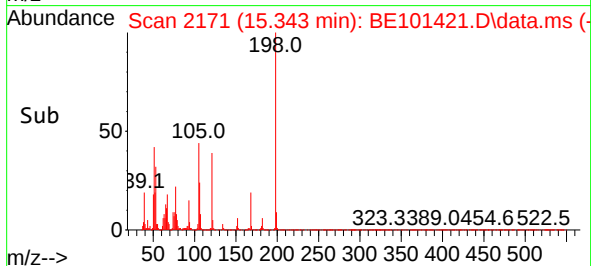
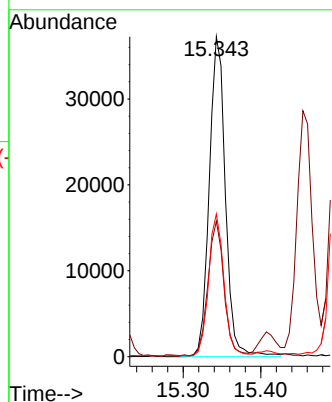
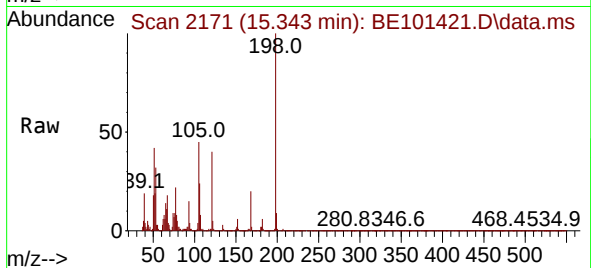
#65
4,6-Dinitro-2-methylphenol
Concen: 6.476 ng
RT: 15.343 min Scan# 2172
Delta R.T. -0.007 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

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

Tgt Ion:198 Resp: 5381
Ion Ratio Lower Upper
198 100
51 42.4 18.2 58.2
105 44.6 21.5 61.5

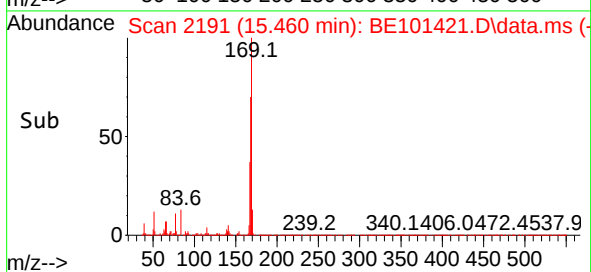
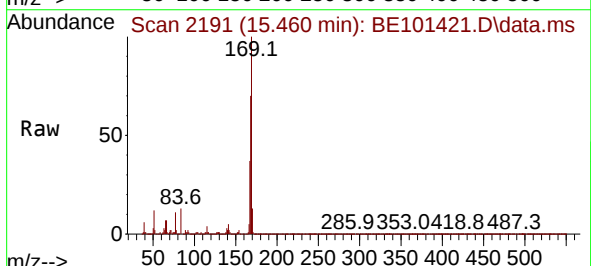
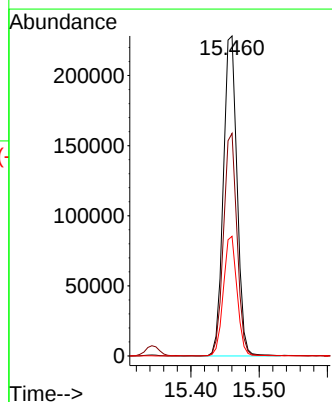
Manual Integrations
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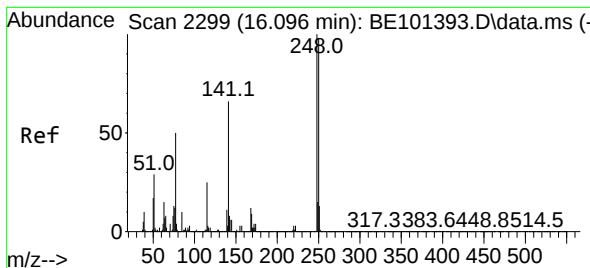
Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024



#66
n-Nitrosodiphenylamine
Concen: 8.508 ng
RT: 15.460 min Scan# 2191
Delta R.T. -0.001 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

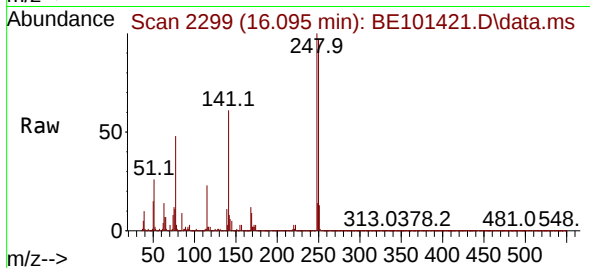
Tgt Ion:169 Resp: 319080
Ion Ratio Lower Upper
169 100
168 69.5 54.5 81.7
167 37.4 30.4 45.6





#67
4-Bromophenyl-phenylether
Concen: 8.266 ng
RT: 16.095 min Scan# 21
Delta R.T. -0.001 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

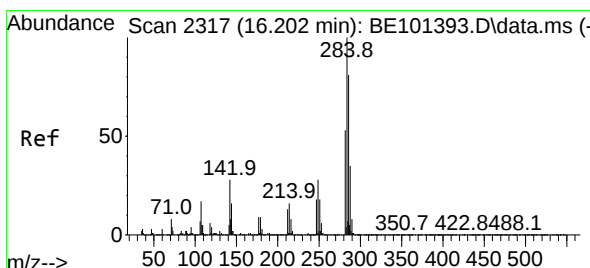
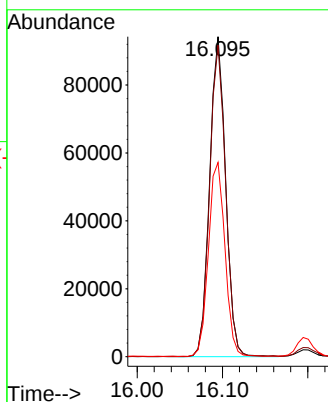
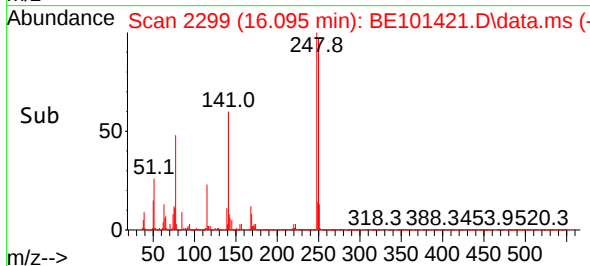
Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT4-2024



Tgt Ion:248 Resp: 122970
Ion Ratio Lower Upper
248 100
250 97.4 78.2 117.2
141 60.7 53.0 79.4

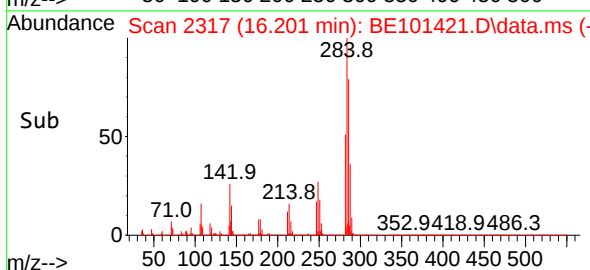
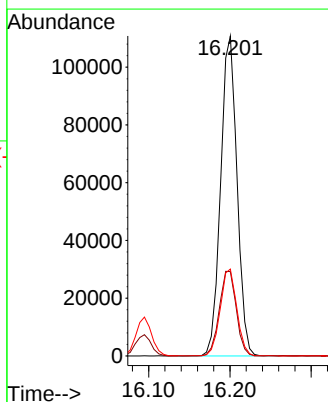
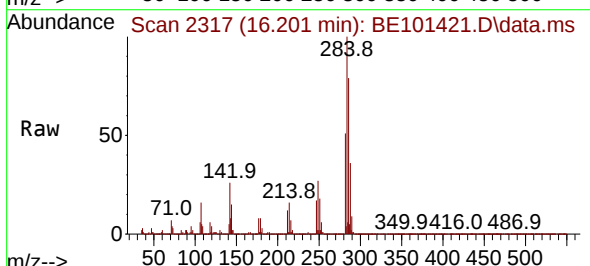
Manual Integrations
APPROVED

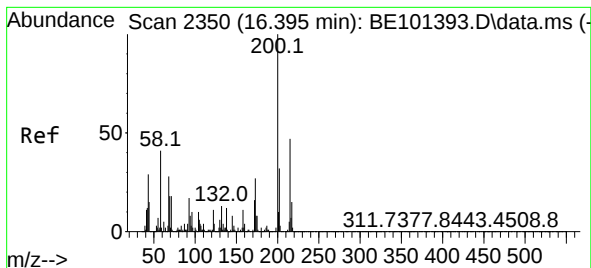
Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024



#68
Hexachlorobenzene
Concen: 7.957 ng
RT: 16.201 min Scan# 2317
Delta R.T. -0.001 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

Tgt Ion:284 Resp: 155173
Ion Ratio Lower Upper
284 100
142 26.3 22.2 33.2
249 27.2 22.8 34.2





#69

Atrazine

Concen: 10.267 ng

RT: 16.389 min Scan# 21

Delta R.T. -0.006 min

Lab File: BE101421.D

Acq: 30 Oct 2024 12:58

Instrument :

BNA_E

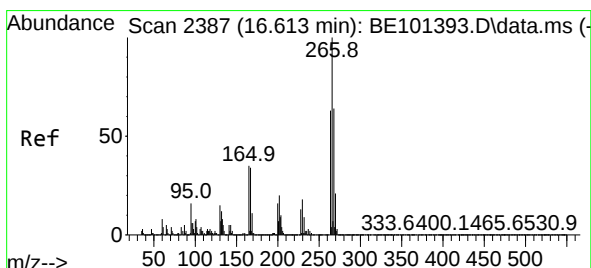
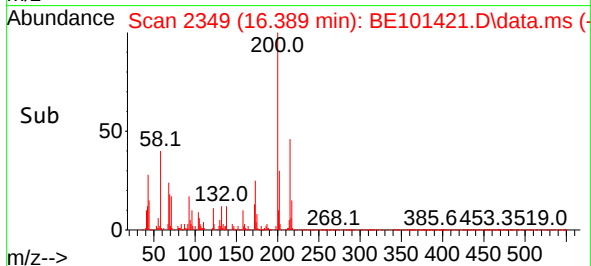
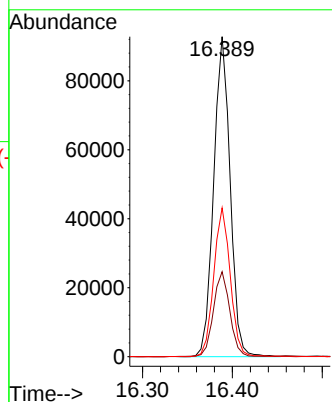
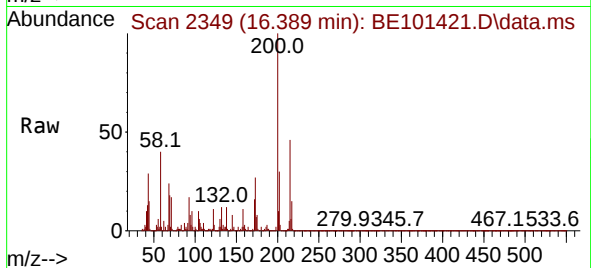
ClientSampleId :

MDL-WATER-03-QT4-2024

Tgt Ion:200 Resp: 11805
 Ion Ratio Lower Upper
 200 100
 173 26.5 7.0 47.0
 215 46.5 27.3 67.3

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



#70

Pentachlorophenol

Concen: 7.042 ng

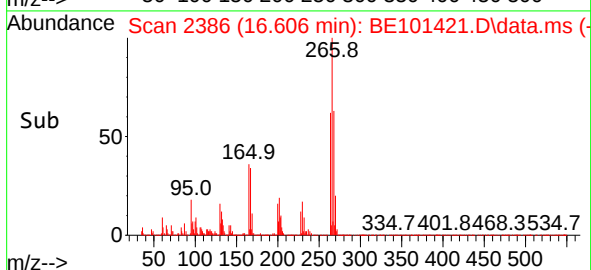
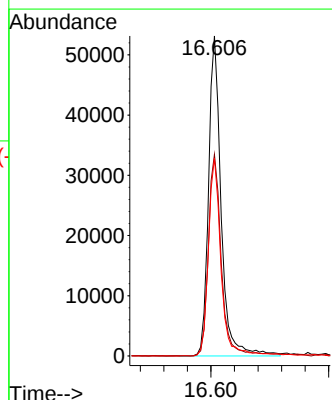
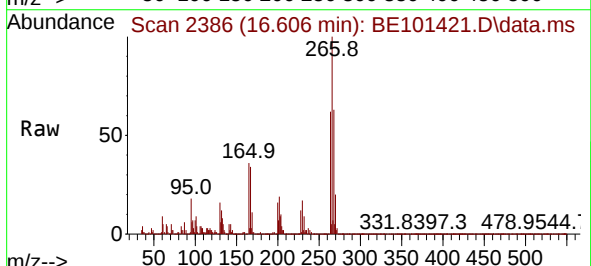
RT: 16.606 min Scan# 2386

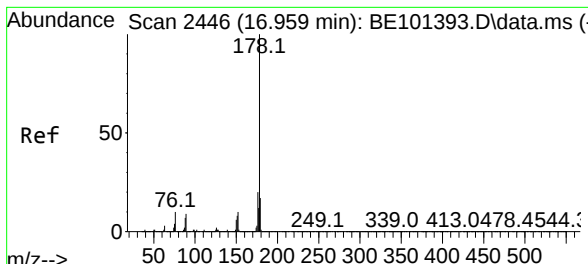
Delta R.T. -0.007 min

Lab File: BE101421.D

Acq: 30 Oct 2024 12:58

Tgt Ion:266 Resp: 79046
 Ion Ratio Lower Upper
 266 100
 268 63.0 51.5 77.3
 264 61.9 50.7 76.1



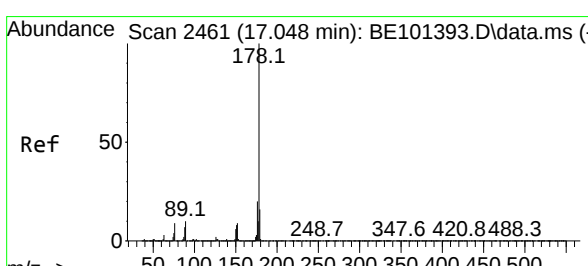
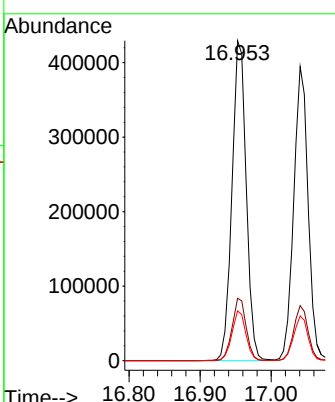
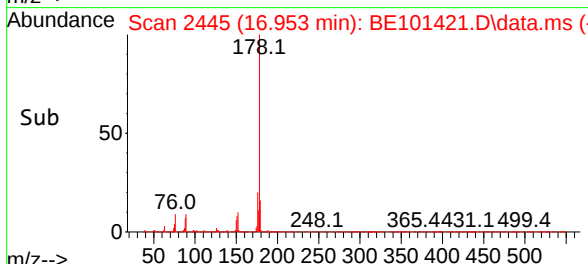
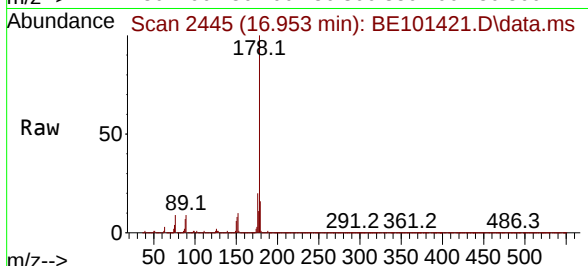


#71
 Phenanthrene
 Concen: 8.842 ng
 RT: 16.953 min Scan# 2445
 Delta R.T. -0.007 min
 Lab File: BE101421.D
 Acq: 30 Oct 2024 12:58

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

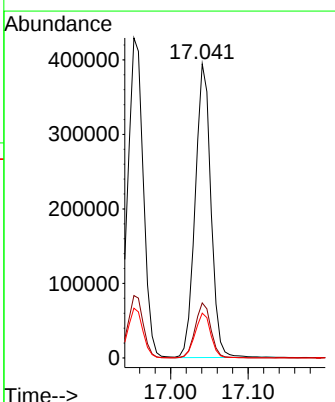
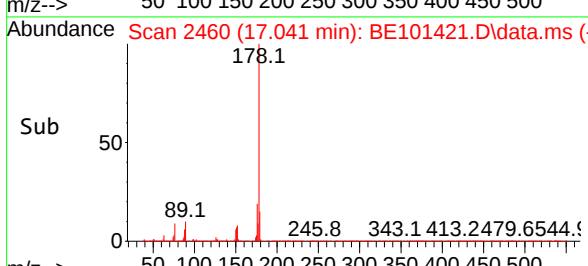
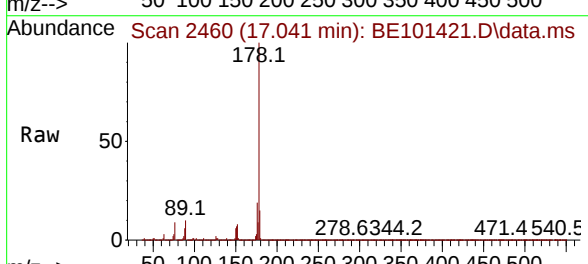
Tgt Ion:178	Resp: 59871
Ion Ratio	Lower Upper
178	100
176	19.5 16.4 24.6
179	15.5 13.2 19.8

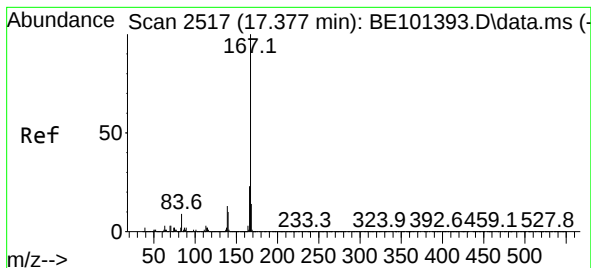
Manual Integrations
APPROVED
 Reviewed By :Jagrut Upadhyay 11/05/2024
 Supervised By :mohammad ahmed 11/06/2024



#72
 Anthracene
 Concen: 8.369 ng
 RT: 17.041 min Scan# 2460
 Delta R.T. -0.007 min
 Lab File: BE101421.D
 Acq: 30 Oct 2024 12:58

Tgt Ion:178	Resp: 553351
Ion Ratio	Lower Upper
178	100
176	18.7 15.9 23.9
179	15.3 13.1 19.7





#73

Carbazole

Concen: 8.346 ng

RT: 17.370 min Scan# 2517

Delta R.T. -0.007 min

Lab File: BE101421.D

Acq: 30 Oct 2024 12:58

Instrument :

BNA_E

ClientSampleId :

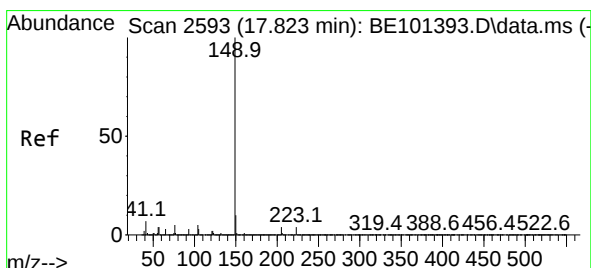
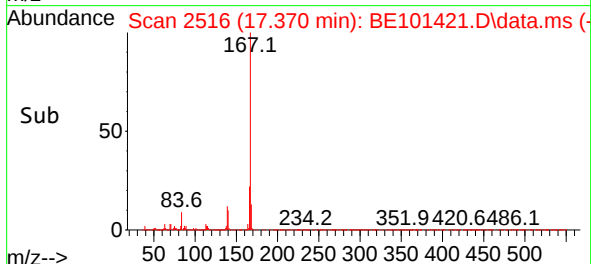
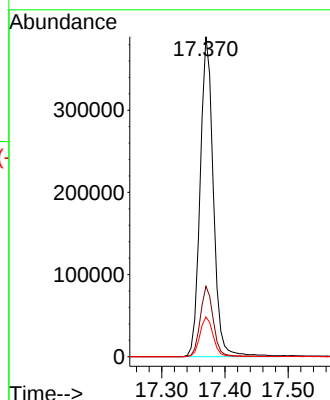
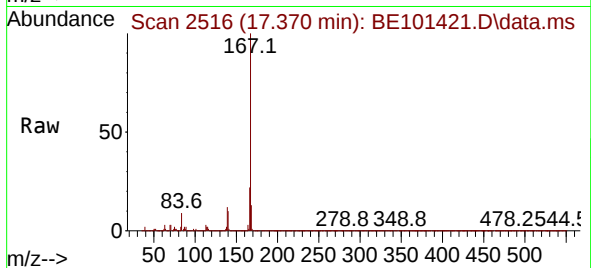
MDL-WATER-03-QT4-2024

Tgt Ion:167	Resp: 56464
Ion Ratio	Lower Upper
167 100	
166 22.0	18.3 27.5
139 12.4	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: 8.971 ng

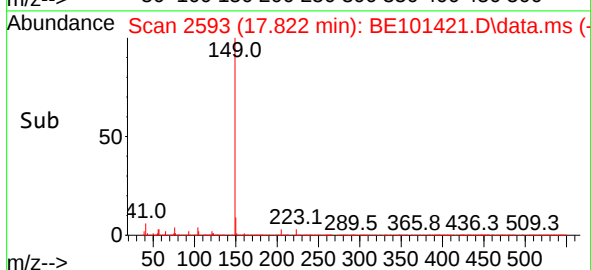
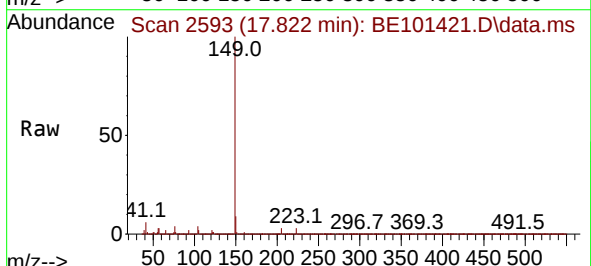
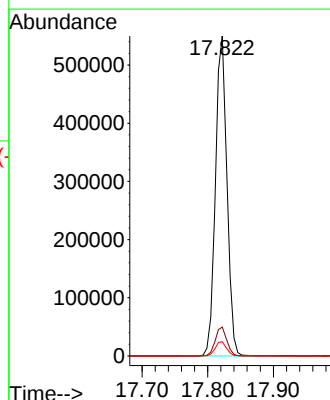
RT: 17.822 min Scan# 2593

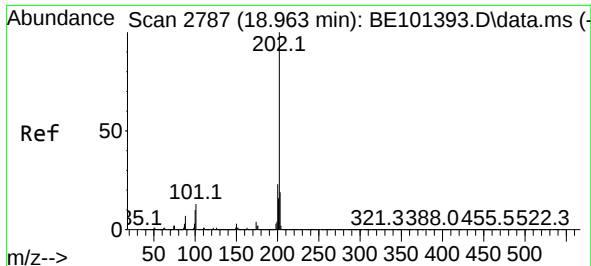
Delta R.T. -0.001 min

Lab File: BE101421.D

Acq: 30 Oct 2024 12:58

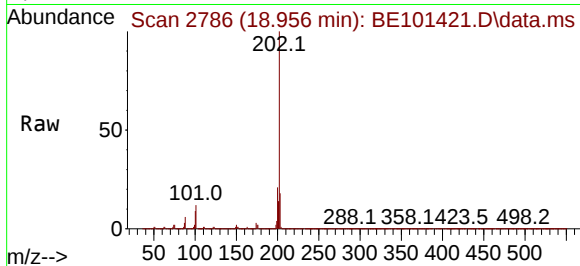
Tgt Ion:149	Resp: 668186
Ion Ratio	Lower Upper
149 100	
150 9.0	8.2 12.4
104 4.4	3.9 5.9





#75
Fluoranthene
Concen: 8.716 ng
RT: 18.956 min Scan# 21
Delta R.T. -0.007 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

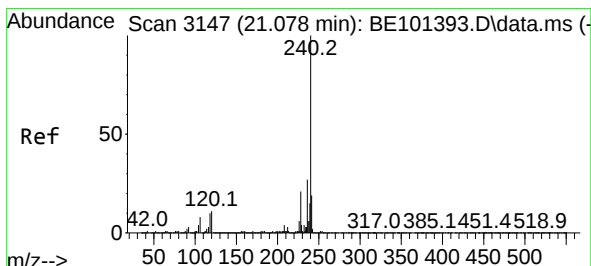
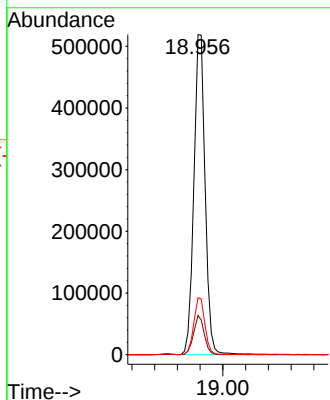
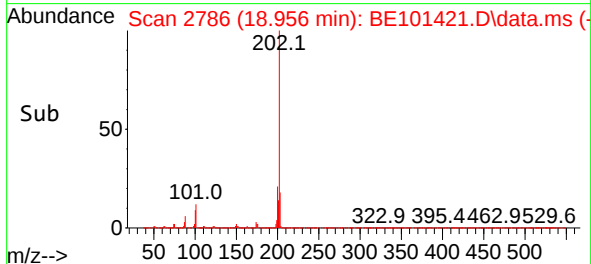
Instrument :
BNA_E
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion:202 Resp: 71684
Ion Ratio Lower Upper
202 100
101 12.3 0.0 33.3
203 17.8 0.0 39.3

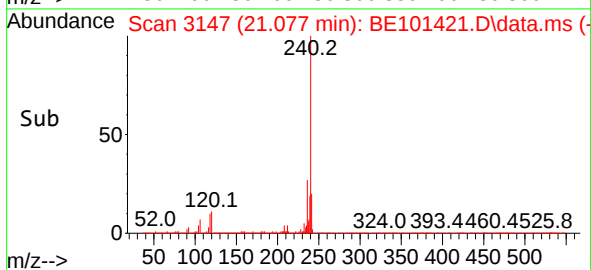
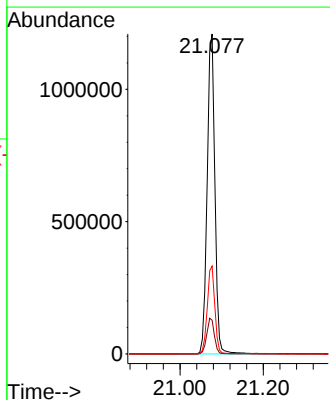
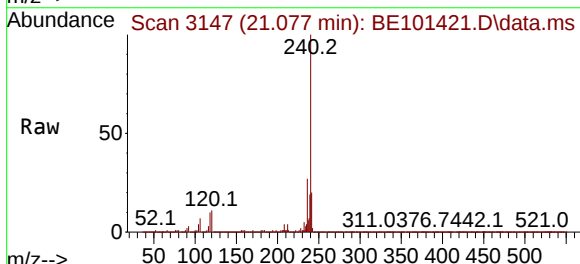
Manual Integrations
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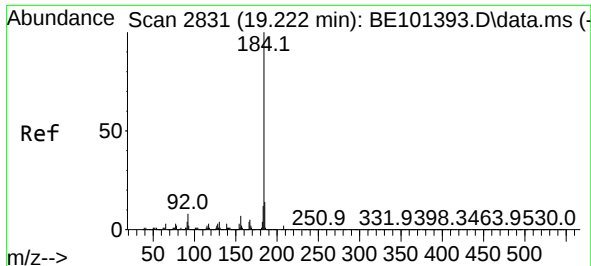
Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.077 min Scan# 3147
Delta R.T. -0.001 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

Tgt Ion:240 Resp: 1568221
Ion Ratio Lower Upper
240 100
120 10.6 9.0 13.4
236 27.4 21.4 32.0





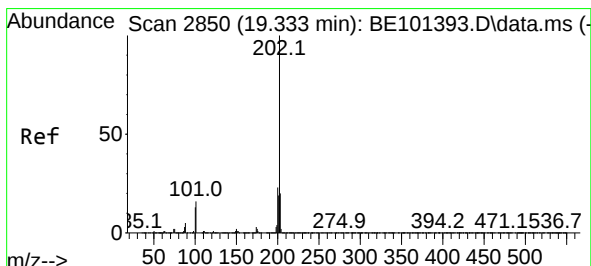
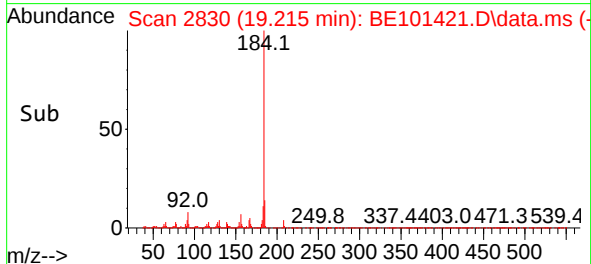
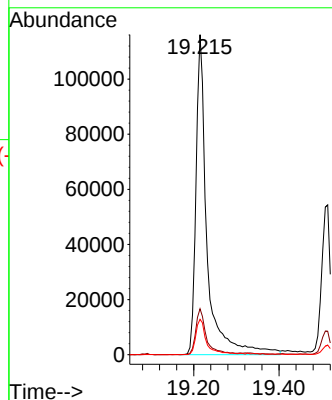
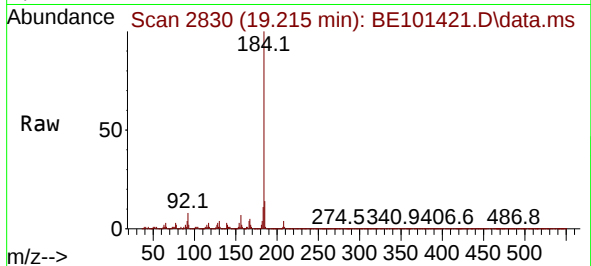
#77
Benzidine
Concen: 10.541 ng
RT: 19.215 min Scan# 2830
Delta R.T. -0.007 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

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

Tgt Ion:184 Resp: 209790
Ion Ratio Lower Upper
184 100
185 14.4 11.5 17.3
183 11.1 9.3 13.9

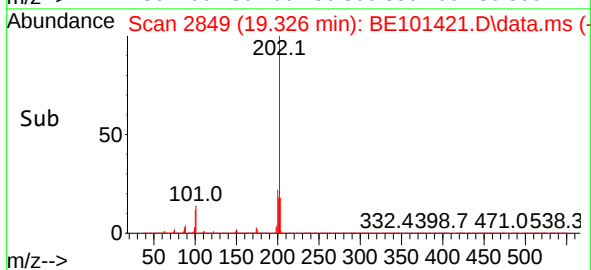
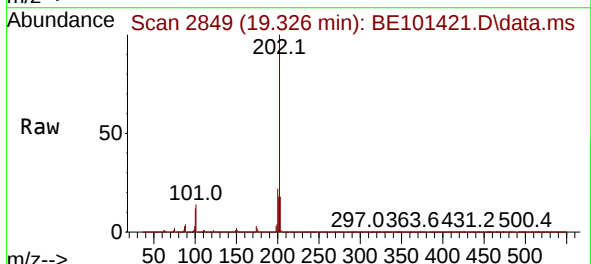
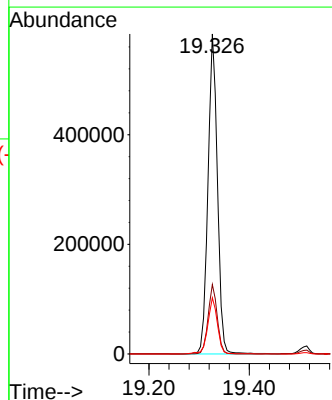
Manual Integrations
APPROVED

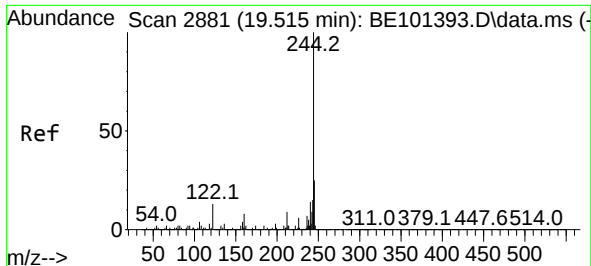
Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024



#78
Pyrene
Concen: 8.837 ng
RT: 19.326 min Scan# 2849
Delta R.T. -0.007 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

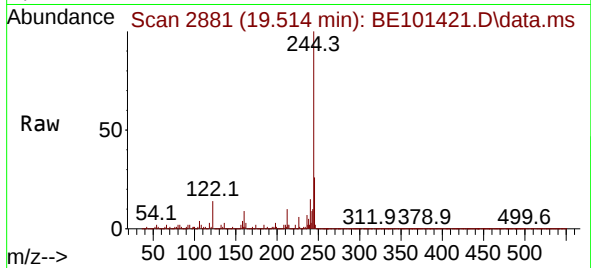
Tgt Ion:202 Resp: 762072
Ion Ratio Lower Upper
202 100
200 21.7 18.6 28.0
203 17.5 15.6 23.4





#79
 Terphenyl-d14
 Concen: 68.609 ng
 RT: 19.514 min Scan# 2881
 Delta R.T. -0.001 min
 Lab File: BE101421.D
 Acq: 30 Oct 2024 12:58

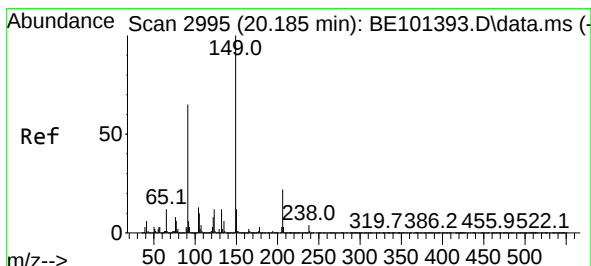
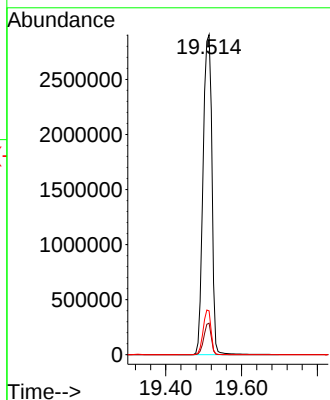
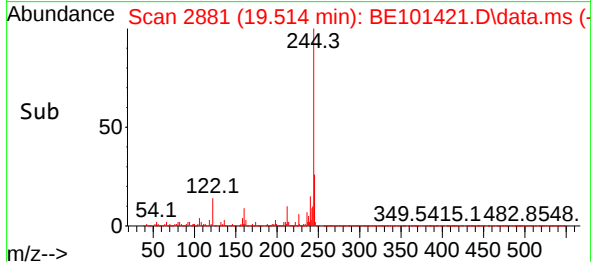
Instrument : BNA_E
 ClientSampleId : MDL-WATER-03-QT4-2024



Tgt Ion:244 Resp: 467486
 Ion Ratio Lower Upper
 244 100
 212 9.8 7.2 10.8
 122 13.7 10.4 15.6

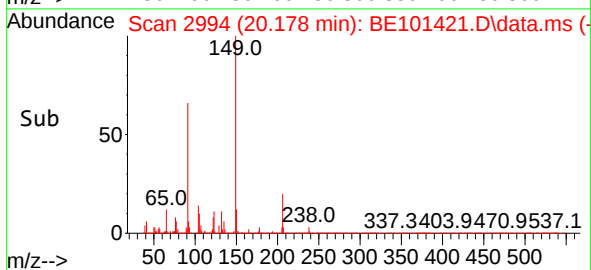
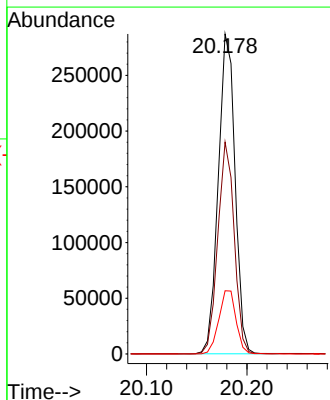
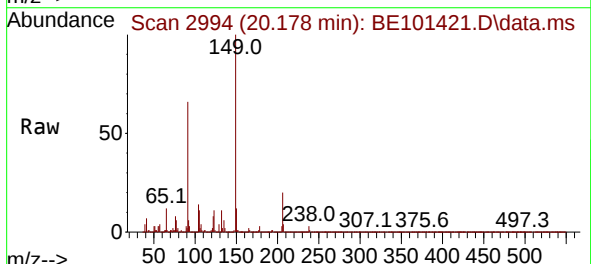
Manual Integrations
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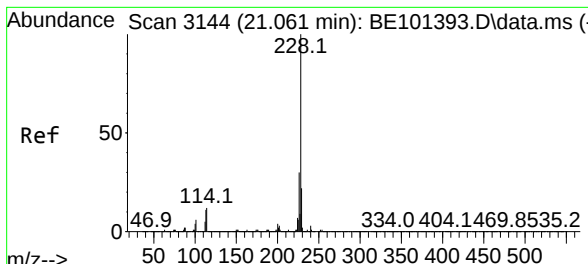
Reviewed By :Jagrut Upadhyay 11/05/2024
 Supervised By :mohammad ahmed 11/06/2024



#80
 Butylbenzylphthalate
 Concen: 8.801 ng
 RT: 20.178 min Scan# 2994
 Delta R.T. -0.007 min
 Lab File: BE101421.D
 Acq: 30 Oct 2024 12:58

Tgt Ion:149 Resp: 332749
 Ion Ratio Lower Upper
 149 100
 91 66.2 51.8 77.8
 206 19.8 17.4 26.2



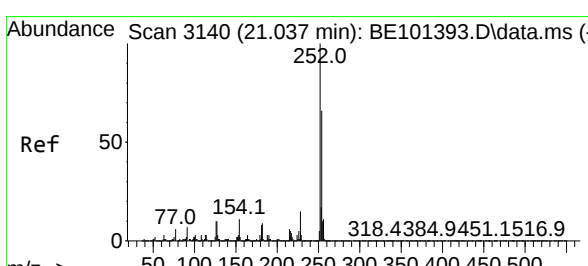
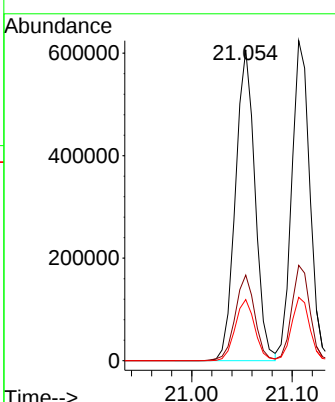
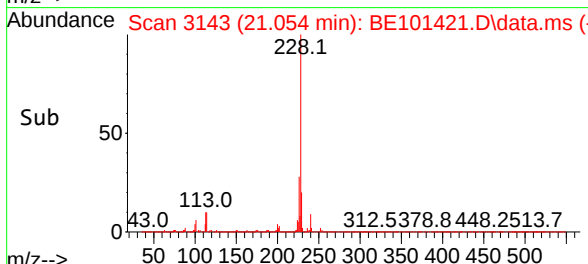
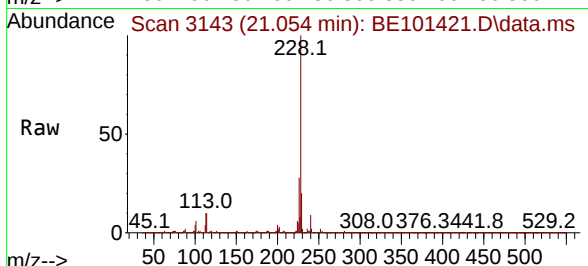


#81
 Benzo(a)anthracene
 Concen: 9.318 ng
 RT: 21.054 min Scan# 3143
 Delta R.T. -0.007 min
 Lab File: BE101421.D
 Acq: 30 Oct 2024 12:58

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

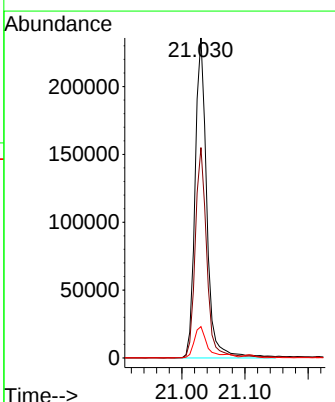
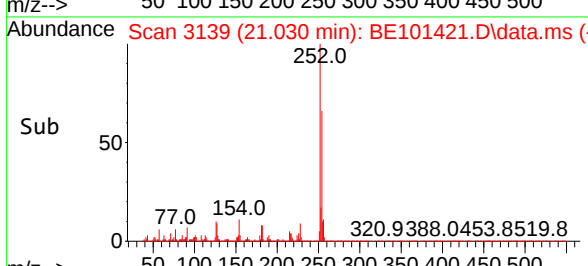
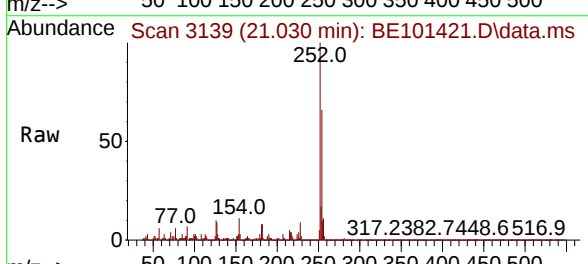
Tgt Ion:	228	Resp:	82132
Ion Ratio	Lower	Upper	
228	100		
226	27.6	24.1	36.1
229	19.7	17.3	25.9

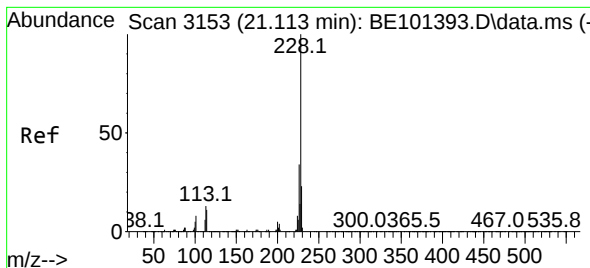
Manual Integrations
APPROVED
 Reviewed By :Jagrut Upadhyay 11/05/2024
 Supervised By :mohammad ahmed 11/06/2024



#82
 3,3'-Dichlorobenzidine
 Concen: 8.776 ng
 RT: 21.030 min Scan# 3139
 Delta R.T. -0.007 min
 Lab File: BE101421.D
 Acq: 30 Oct 2024 12:58

Tgt Ion:	252	Resp:	303031
Ion Ratio	Lower	Upper	
252	100		
254	65.7	52.6	78.8
126	9.8	7.7	11.5





#83

Chrysene

Concen: 9.267 ng

RT: 21.107 min Scan# 3153

Delta R.T. -0.007 min

Lab File: BE101421.D

Acq: 30 Oct 2024 12:58

Instrument :

BNA_E

ClientSampleId :

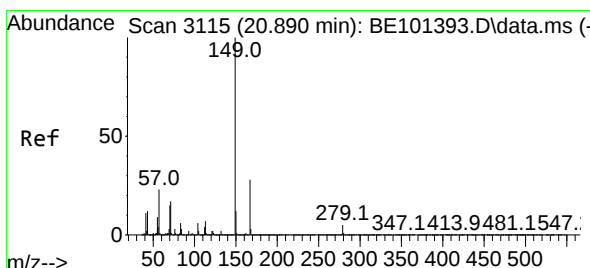
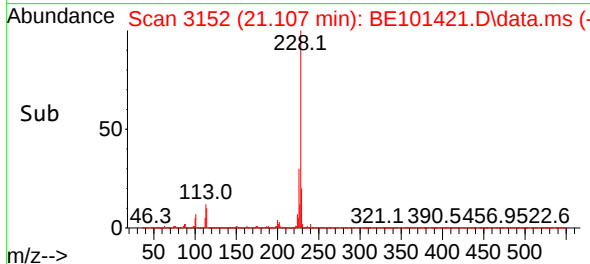
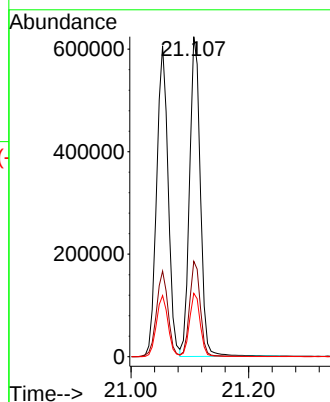
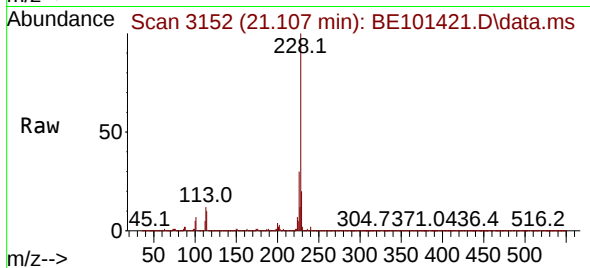
MDL-WATER-03-QT4-2024

Tgt Ion:	228	Resp:	789735
Ion Ratio	Lower	Upper	
228	100		
226	29.8	27.2	40.8
229	19.8	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: 9.126 ng

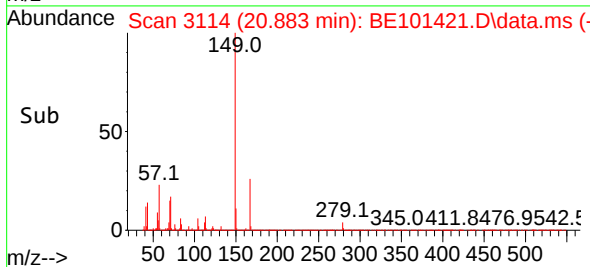
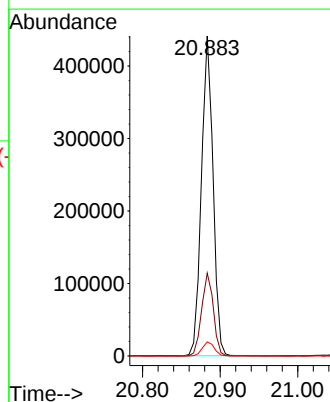
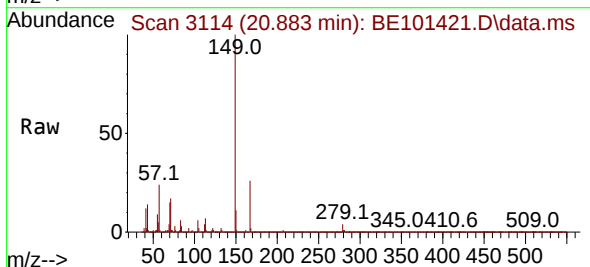
RT: 20.883 min Scan# 3114

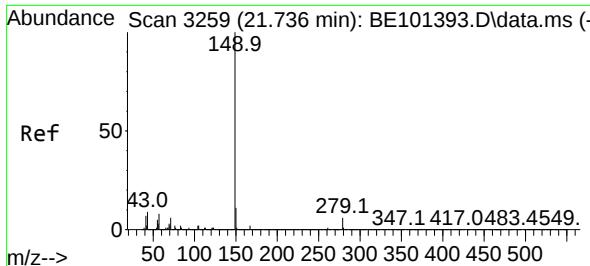
Delta R.T. -0.007 min

Lab File: BE101421.D

Acq: 30 Oct 2024 12:58

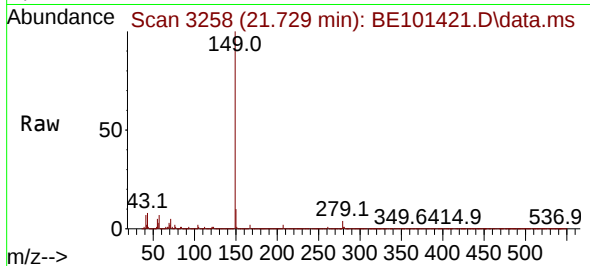
Tgt Ion:	149	Resp:	458354
Ion Ratio	Lower	Upper	
149	100		
167	25.9	22.7	34.1
279	4.4	4.3	6.5





#85
Di-n-octyl phthalate
Concen: 9.486 ng
RT: 21.729 min Scan# 31
Delta R.T. -0.007 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

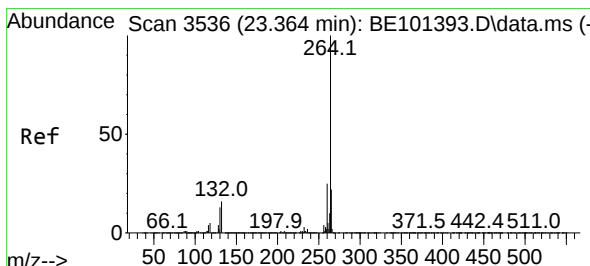
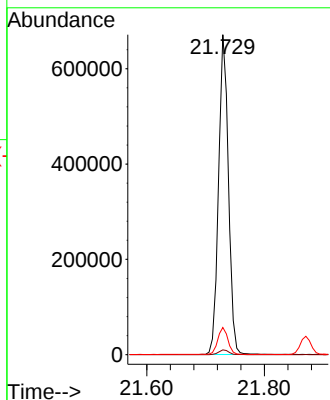
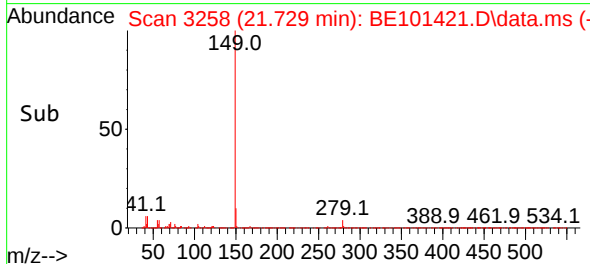
Instrument :
BNA_E
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion:149 Resp: 781960
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 8.7 7.0 10.4

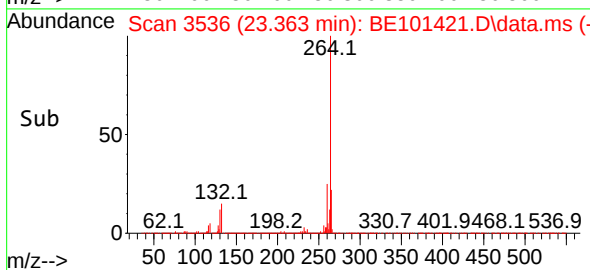
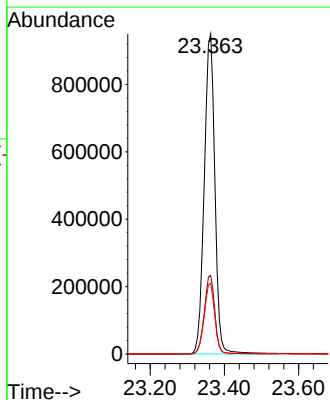
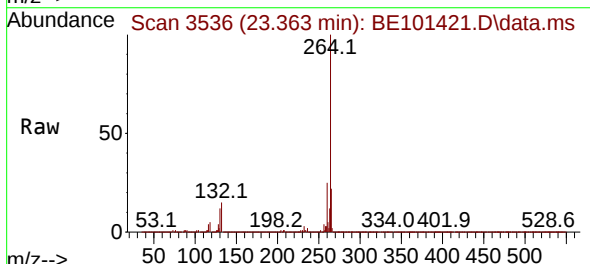
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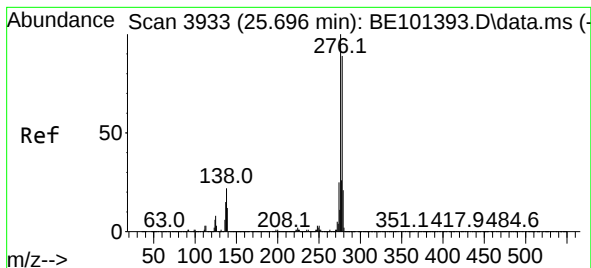
Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.363 min Scan# 3536
Delta R.T. -0.001 min
Lab File: BE101421.D
Acq: 30 Oct 2024 12:58

Tgt Ion:264 Resp: 1897526
Ion Ratio Lower Upper
264 100
260 24.5 19.8 29.8
265 22.1 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 8.829 ng

RT: 25.666 min Scan# 3933

Delta R.T. -0.030 min

Lab File: BE101421.D

Acq: 30 Oct 2024 12:58

Instrument :

BNA_E

ClientSampleId :

MDL-WATER-03-QT4-2024

Tgt Ion:276 Resp: 1121258

Ion Ratio Lower Upper

276 100

138 22.4 17.8 26.8

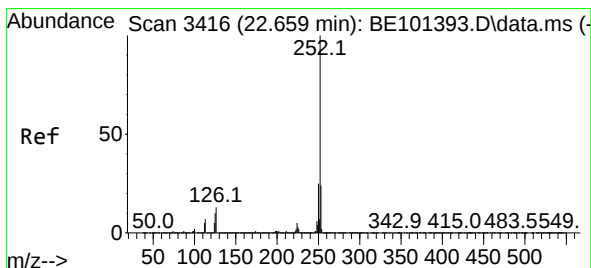
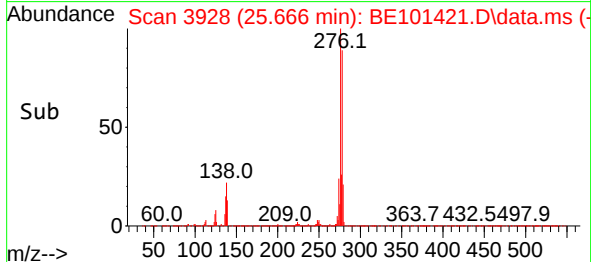
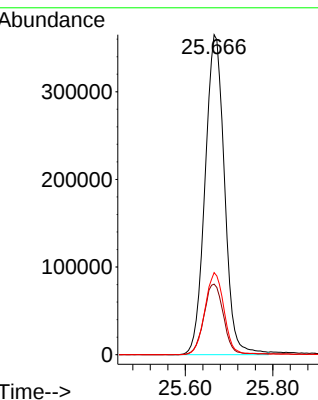
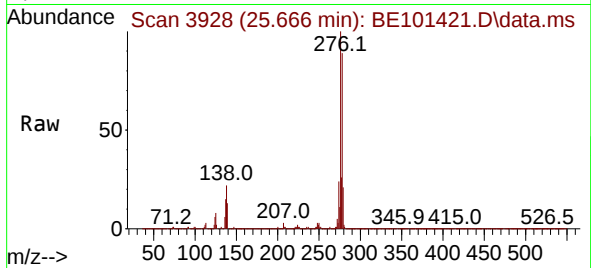
277 25.5 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/05/2024

Supervised By :mohammad ahmed 11/06/2024



#88

Benzo(b)fluoranthene

Concen: 8.800 ng

RT: 22.646 min Scan# 3414

Delta R.T. -0.013 min

Lab File: BE101421.D

Acq: 30 Oct 2024 12:58

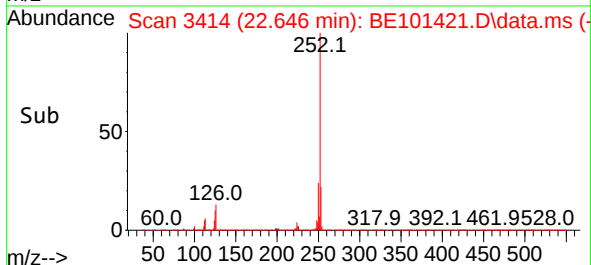
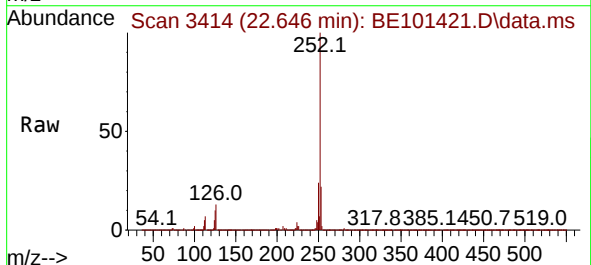
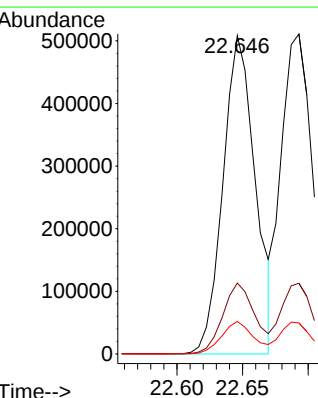
Tgt Ion:252 Resp: 870185

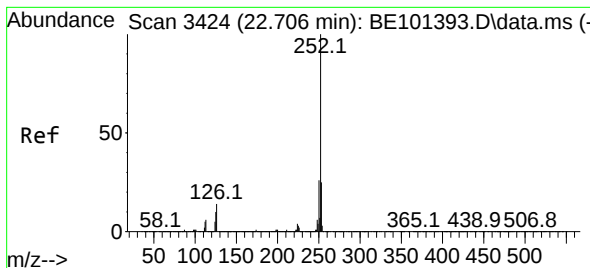
Ion Ratio Lower Upper

252 100

253 22.3 19.0 28.6

125 10.2 8.2 12.2





#89

Benzo(k)fluoranthene

Concen: 9.412 ng

RT: 22.693 min Scan# 3424

Delta R.T. -0.013 min

Lab File: BE101421.D

Acq: 30 Oct 2024 12:58

Instrument :

BNA_E

ClientSampleId :

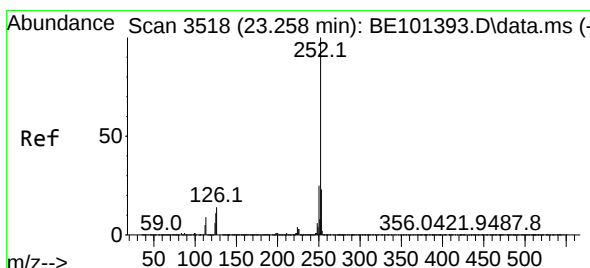
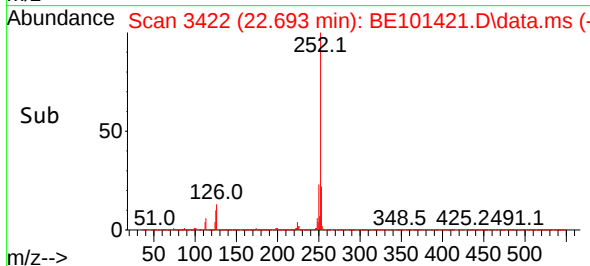
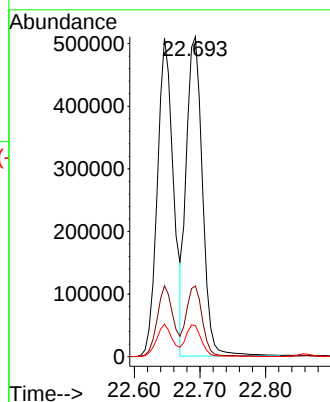
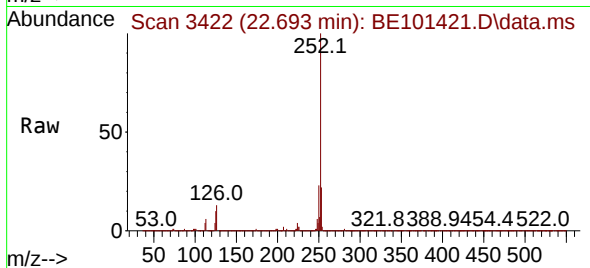
MDL-WATER-03-QT4-2024

Tgt Ion:252 Resp: 869558
 Ion Ratio Lower Upper
 252 100
 253 22.1 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: 9.230 ng

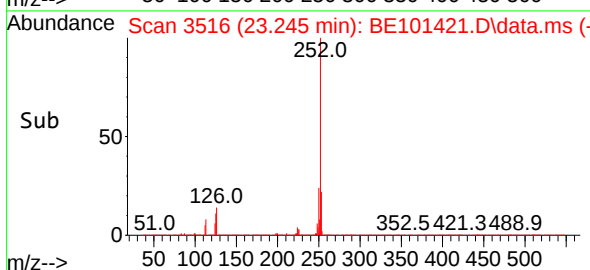
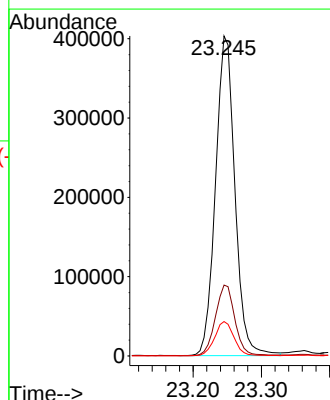
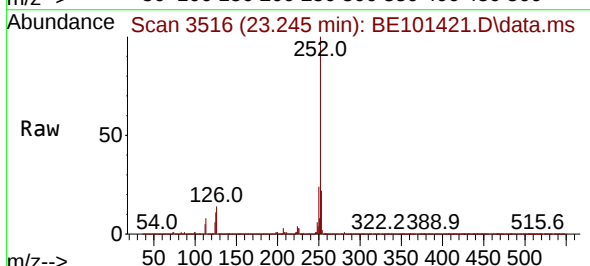
RT: 23.245 min Scan# 3516

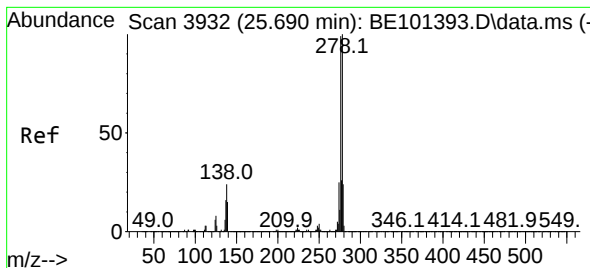
Delta R.T. -0.013 min

Lab File: BE101421.D

Acq: 30 Oct 2024 12:58

Tgt Ion:252 Resp: 798264
 Ion Ratio Lower Upper
 252 100
 253 22.2 18.4 27.6
 125 10.8 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 8.919 ng

RT: 25.666 min Scan# 3932

Delta R.T. -0.025 min

Lab File: BE101421.D

Acq: 30 Oct 2024 12:58

Instrument :

BNA_E

ClientSampleId :

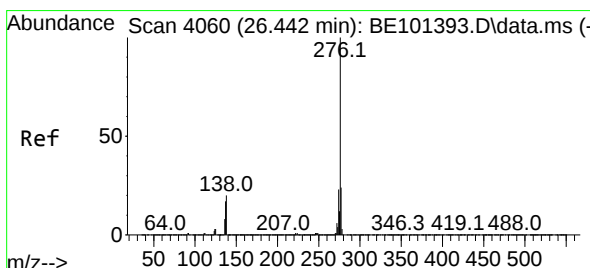
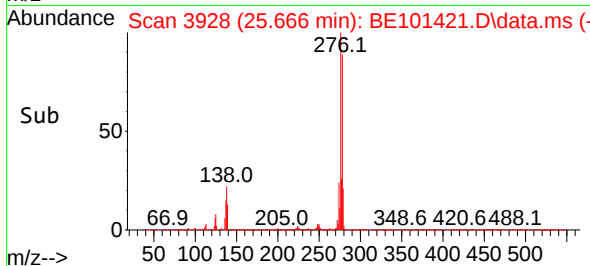
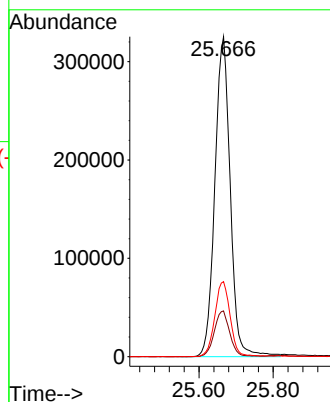
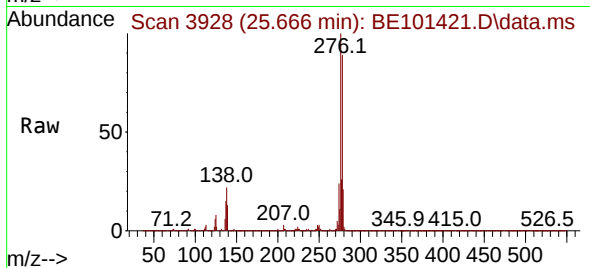
MDL-WATER-03-QT4-2024

Tgt Ion:	278	Resp:	93588
Ion Ratio	Lower	Upper	
278	100		
139	14.3	11.9	17.9
279	23.4	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: 7.999 ng

RT: 26.412 min Scan# 4055

Delta R.T. -0.030 min

Lab File: BE101421.D

Acq: 30 Oct 2024 12:58

Tgt Ion:	276	Resp:	864788
Ion Ratio	Lower	Upper	
276	100		
277	23.6	19.4	29.2
138	19.8	15.8	23.6

