

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE102924\
 Data File : BE101404.D
 Acq On : 29 Oct 2024 13:21
 Operator : RC/JU
 Sample : P4368-08
 Misc : LOQ-WATER-05 PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LOQ-WATER-02-QT4-2024

Quant Time: Oct 29 14:10:50 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 10/30/2024
 Supervised By :mohammad ahmed 11/04/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.570	152	121386	20.000	ng	0.00
21) Naphthalene-d8	10.337	136	597357	20.000	ng	0.00
39) Acenaphthene-d10	14.180	164	450628	20.000	ng	0.00
64) Phenanthrene-d10	16.912	188	1065553	20.000	ng	0.00
76) Chrysene-d12	21.072	240	1222788	20.000	ng	0.00
86) Perylene-d12	23.363	264	1537565	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.314	112	753209	108.754	ng	0.00
7) Phenol-d6	6.947	99	1064221	110.818	ng	0.00
23) Nitrobenzene-d5	8.780	82	770815	81.047	ng	0.00
42) 2,4,6-Tribromophenol	15.684	330	929941	117.743	ng	0.00
45) 2-Fluorobiphenyl	12.805	172	2156410	81.042	ng	0.00
79) Terphenyl-d14	19.509	244	3902876	73.461	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.222	88	12681	4.909	ng	100
3) Pyridine	3.815	79	26060m	3.566	ng	
4) n-Nitrosodimethylamine	3.645	42	13256m	4.688	ng	
6) Aniline	7.018	93	49034m	6.662	ng	
8) 2-Chlorophenol	7.211	128	40697	4.899	ng	93
9) Benzaldehyde	6.788	77	30511	6.582	ng	98
10) Phenol	6.971	94	45575	4.374	ng	86
11) bis(2-Chloroethyl)ether	7.041	93	33651m	3.937	ng	
12) 1,3-Dichlorobenzene	7.458	146	42759	4.774	ng	98
13) 1,4-Dichlorobenzene	7.605	146	43816	4.790	ng	97
14) 1,2-Dichlorobenzene	7.934	146	44207	4.937	ng	95
15) Benzyl Alcohol	7.917	79	32331	5.648	ng	# 85
16) 2,2'-oxybis(1-Chloropr...	8.069	45	56662	5.267	ng	98
17) 2-Methylphenol	8.152	107	30087	4.266	ng	97
18) Hexachloroethane	8.627	117	13449	4.502	ng	91
19) n-Nitroso-di-n-propyla...	8.375	70	30768	4.828	ng	98
20) 3+4-Methylphenols	8.492	107	40816	4.193	ng	98
22) Acetophenone	8.428	105	66115	4.874	ng	# 97
24) Nitrobenzene	8.821	77	49236	4.864	ng	99
25) Isophorone	9.274	82	87561	4.718	ng	99
26) 2-Nitrophenol	9.515	139	19670	4.020	ng	92
27) 2,4-Dimethylphenol	9.626	122	24247	3.938	ng	98
28) bis(2-Chloroethoxy)met...	9.785	93	53198	4.727	ng	98
29) 2,4-Dichlorophenol	10.061	162	36547	4.291	ng	99
30) 1,2,4-Trichlorobenzene	10.184	180	43569	4.696	ng	99
31) Naphthalene	10.384	128	146811	4.823	ng	99
32) Benzoic acid	9.814	122	12022m	9.789	ng	
33) 4-Chloroaniline	10.619	127	54773	5.174	ng	98
34) Hexachlorobutadiene	10.637	225	24613	4.482	ng	97
35) Caprolactam	11.401	113	12811m	3.924	ng	
36) 4-Chloro-3-methylphenol	11.783	107	41947	4.325	ng	97
37) 2-Methylnaphthalene	11.976	142	107595	4.906	ng	98
38) 1-Methylnaphthalene	12.206	142	99208	4.533	ng	99
40) 1,2,4,5-Tetrachloroben...	12.329	216	53412	4.722	ng	99
41) Hexachlorocyclopentadiene	12.317	237	13886	3.717	ng	92
43) 2,4,6-Trichlorophenol	12.652	196	32535	4.172	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.752	196	37374	4.185	ng	97
46) 1,1'-Biphenyl	13.005	154	157929	5.115	ng	98
47) 2-Chloronaphthalene	13.052	162	114194	4.682	ng	99
48) 2-Nitroaniline	13.387	65	24326	3.706	ng	96
49) Acenaphthylene	13.909	152	183513	5.088	ng	100
50) Dimethylphthalate	13.680	163	156773	4.929	ng	98
51) 2,6-Dinitrotoluene	13.815	165	30033	4.090	ng	91
52) Acenaphthene	14.238	154	111066	4.715	ng	99
53) 3-Nitroaniline	14.227	138	30448	4.170	ng	98
54) 2,4-Dinitrophenol	14.368	184	8504	7.132	ng	91
55) Dibenzofuran	14.585	168	189415	5.046	ng	97
56) 4-Nitrophenol	14.644	139	24906m	3.724	ng	
57) 2,4-Dinitrotoluene	14.603	165	38659	3.824	ng	94
58) Fluorene	15.220	166	153527	4.889	ng	97
59) 2,3,4,6-Tetrachlorophenol	14.850	232	38271	4.638	ng	98
60) Diethylphthalate	15.008	149	160082	4.811	ng	98
61) 4-Chlorophenyl-phenyle...	15.208	204	75599	4.851	ng	100
62) 4-Nitroaniline	15.414	138	29400	3.618	ng	94
63) Azobenzene	15.502	77	137826	4.819	ng	97
65) 4,6-Dinitro-2-methylph...	15.343	198	16904	2.700	ng	96
66) n-Nitrosodiphenylamine	15.455	169	136251	4.822	ng	99
67) 4-Bromophenyl-phenylether	16.095	248	51629	4.606	ng	95
68) Hexachlorobenzene	16.201	284	67560	4.598	ng	94
69) Atrazine	16.389	200	47689	5.505	ng	97
70) Pentachlorophenol	16.606	266	27196	3.216	ng	97
71) Phenanthrene	16.953	178	265034	5.195	ng	98
72) Anthracene	17.041	178	251648	5.052	ng	98
73) Carbazole	17.370	167	245474	4.816	ng	98
74) Di-n-butylphthalate	17.823	149	259841	4.631	ng	98
75) Fluoranthene	18.956	202	314331	5.073	ng	97
77) Benzidine	19.215	184	86613	5.581	ng	99
78) Pyrene	19.327	202	343112	5.102	ng	96
80) Butylbenzylphthalate	20.179	149	137344	4.659	ng	98
81) Benzo(a)anthracene	21.054	228	370755	5.394	ng	95
82) 3,3'-Dichlorobenzidine	21.031	252	123276	4.579	ng	98
83) Chrysene	21.107	228	355819	5.355	ng	94
84) Bis(2-ethylhexyl)phtha...	20.884	149	179884	4.593	ng	# 95
85) Di-n-octyl phthalate	21.730	149	309063	4.808	ng	100
87) Indeno(1,2,3-cd)pyrene	25.666	276	512912	4.985	ng	99
88) Benzo(b)fluoranthene	22.646	252	401457	5.010	ng	97
89) Benzo(k)fluoranthene	22.687	252	392935	5.249	ng	96
90) Benzo(a)pyrene	23.246	252	361170	5.154	ng	99
91) Dibenzo(a,h)anthracene	25.660	278	414968	4.880	ng	100
92) Benzo(g,h,i)perylene	26.412	276	397934	4.542	ng	100

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

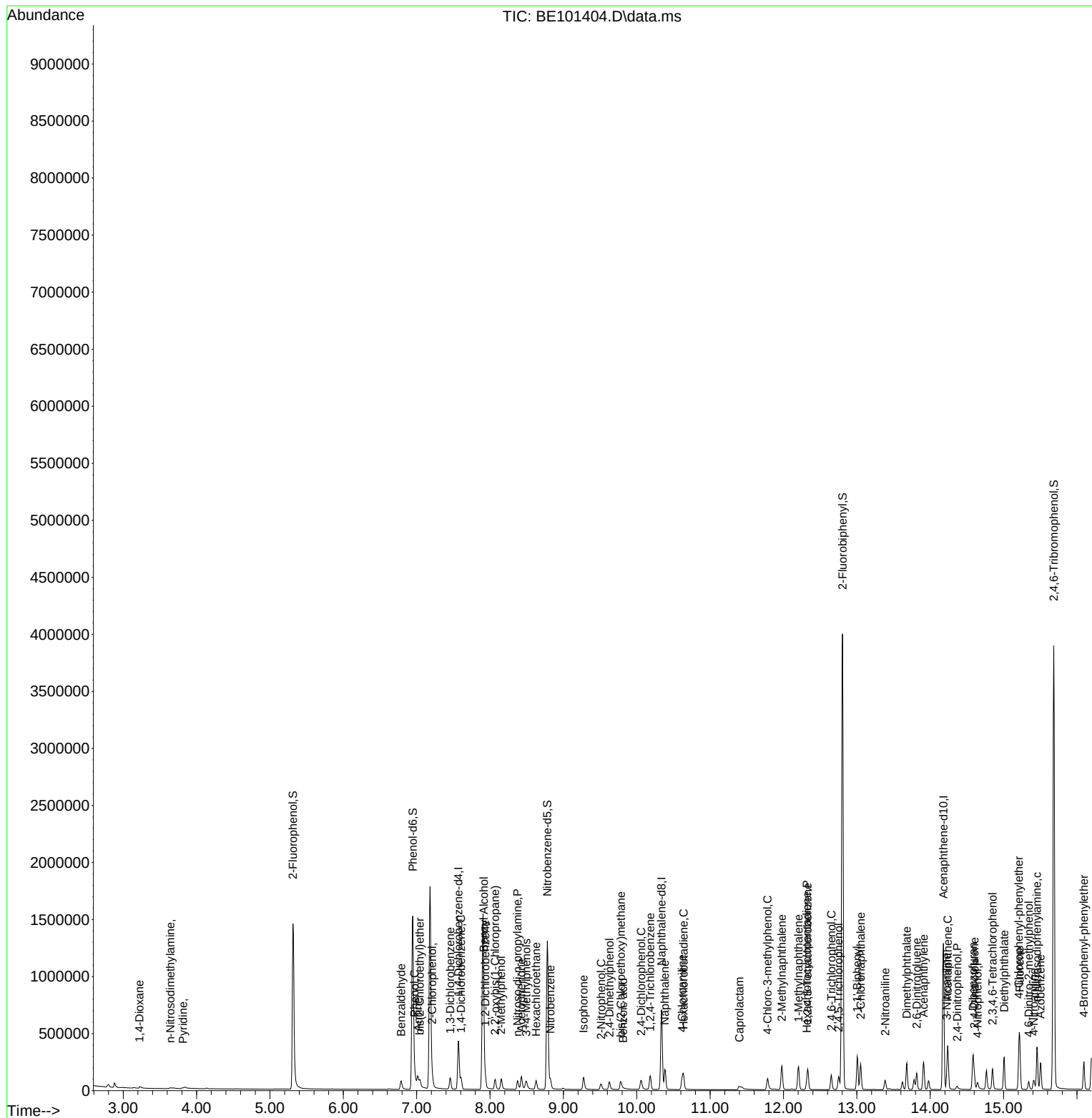
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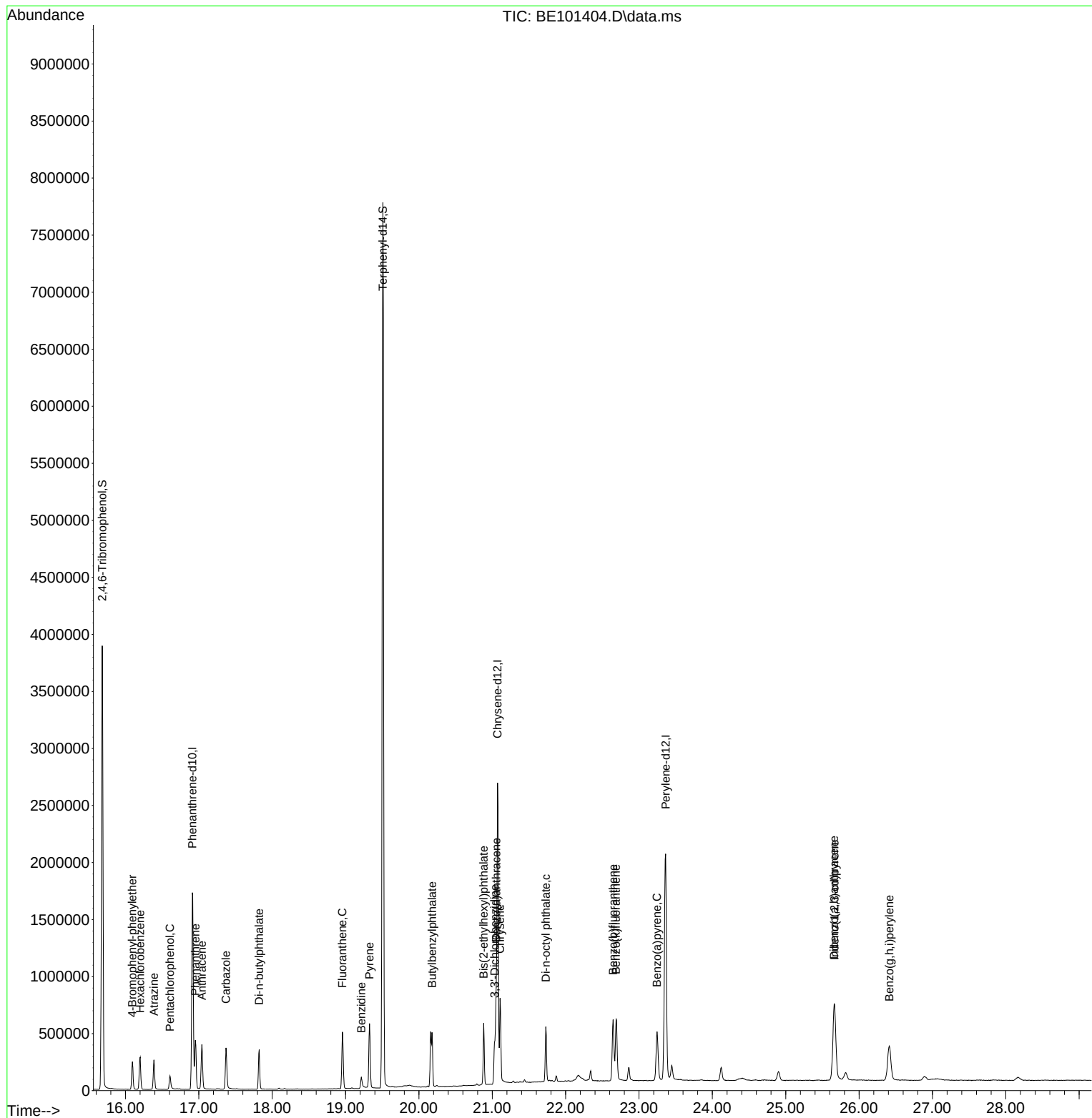
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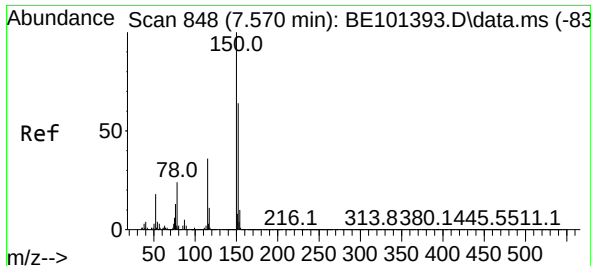
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ClientSampleId :
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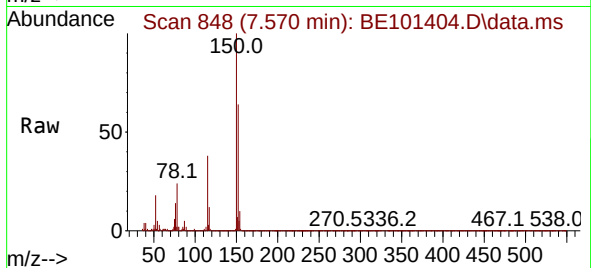
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.570 min Scan# 84
Delta R.T. -0.000 min
Lab File: BE101404.D
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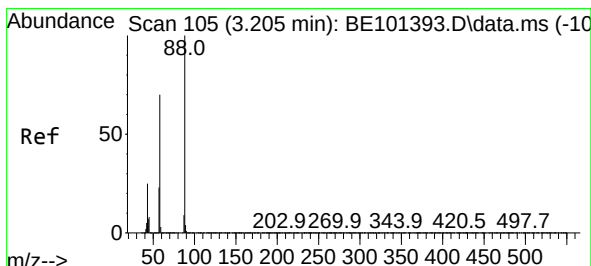
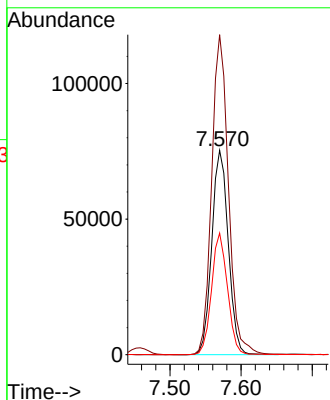
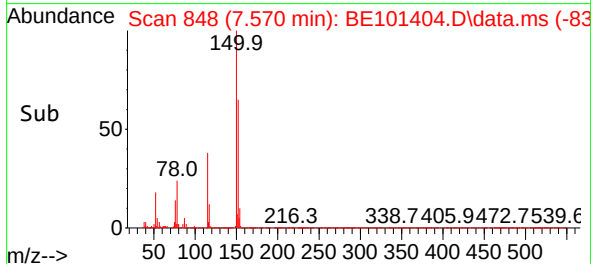
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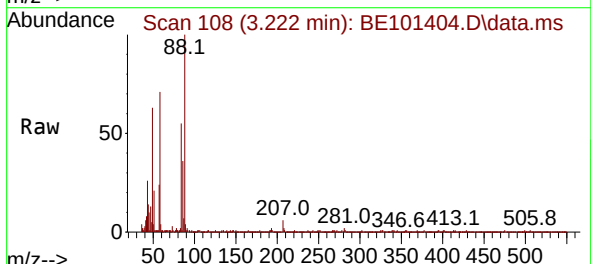
Tgt Ion:152 Resp: 121380
Ion Ratio Lower Upper
152 100
150 156.6 124.2 186.4
115 59.5 45.3 67.9

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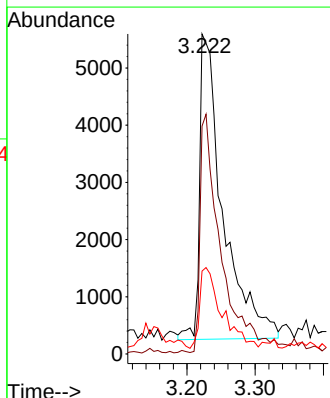
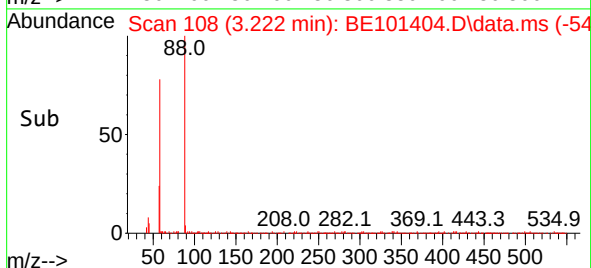
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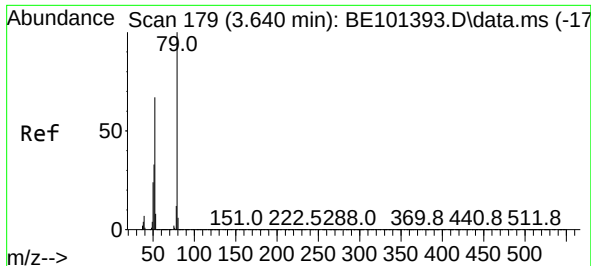


#2
1,4-Dioxane
Concen: 4.909 ng
RT: 3.222 min Scan# 108
Delta R.T. 0.017 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21



Tgt Ion: 88 Resp: 12681
Ion Ratio Lower Upper
88 100
58 70.5 56.5 84.7
43 25.2 19.8 29.8





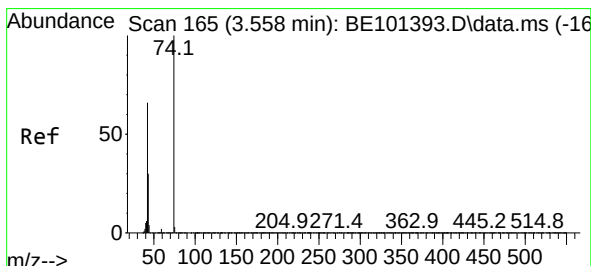
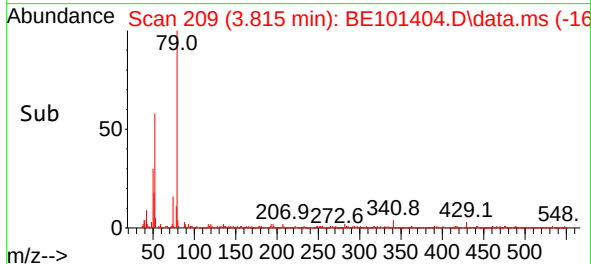
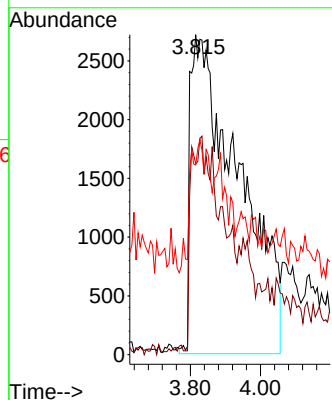
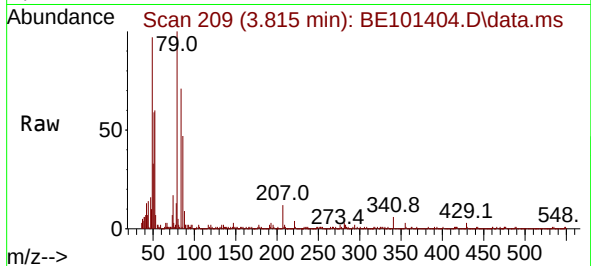
#3
Pyridine
Concen: 3.566 ng m
RT: 3.815 min Scan# 20
Delta R.T. 0.176 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion: 79 Resp: 2606
Ion Ratio Lower Upper
79 100
52 59.6 53.3 79.9
51 59.3 27.3 40.9

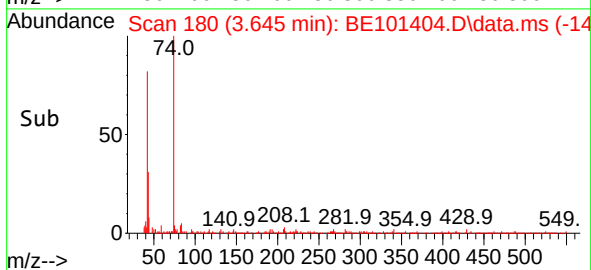
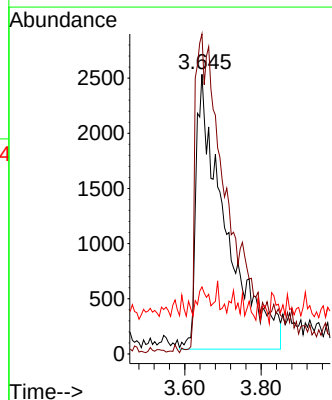
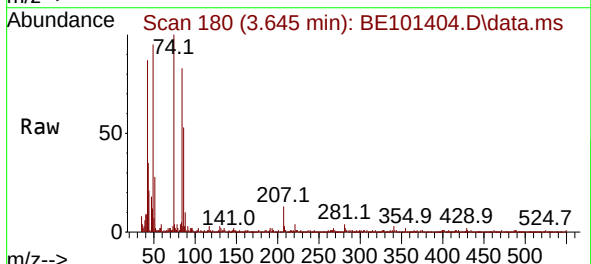
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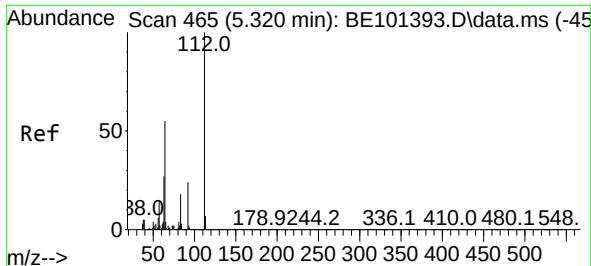
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Supervised By :mohammad ahmed 11/04/2024



#4
n-Nitrosodimethylamine
Concen: 4.688 ng m
RT: 3.645 min Scan# 180
Delta R.T. 0.087 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

Tgt Ion: 42 Resp: 13256
Ion Ratio Lower Upper
42 100
74 114.4 121.4 182.0#
44 24.0 5.6 8.4#





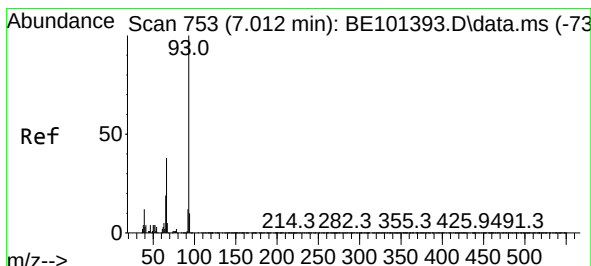
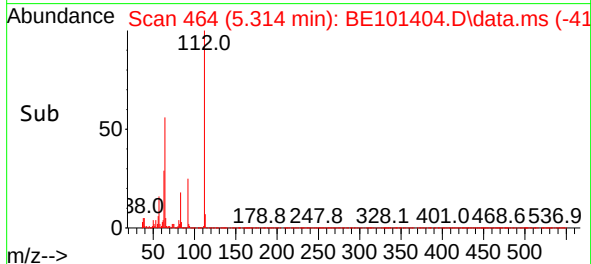
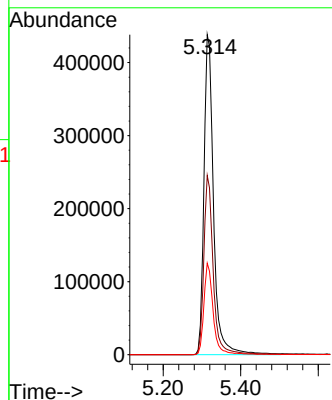
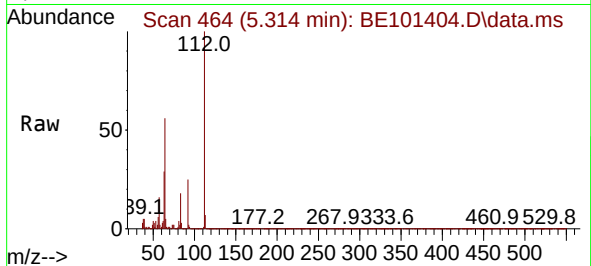
#5
2-Fluorophenol
Concen: 108.754 ng
RT: 5.314 min Scan# 40
Delta R.T. -0.007 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion:112 Resp: 753209
Ion Ratio Lower Upper
112 100
64 56.0 43.7 65.5
63 28.6 21.4 32.2

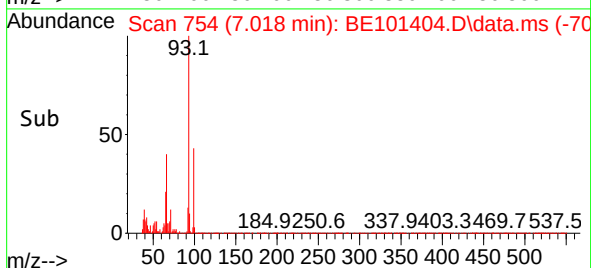
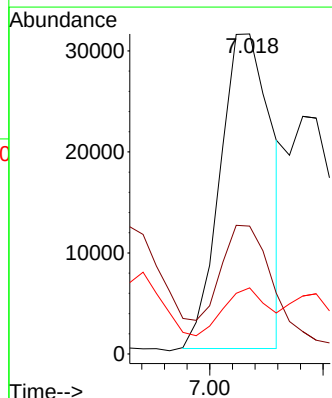
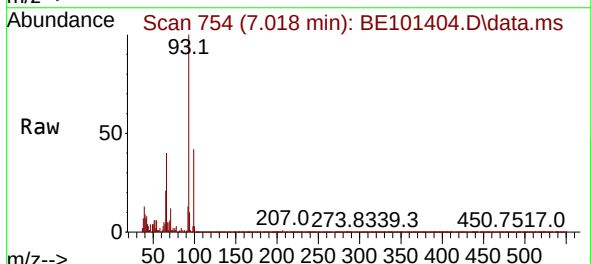
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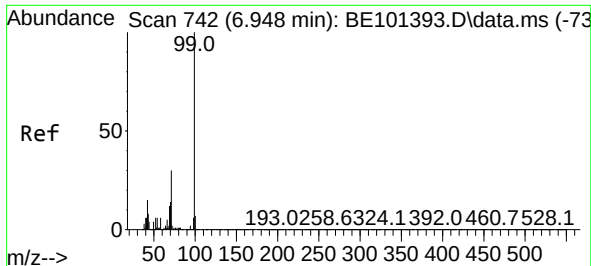
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#6
Aniline
Concen: 6.662 ng m
RT: 7.018 min Scan# 754
Delta R.T. 0.005 min
Lab File: BE101404.D
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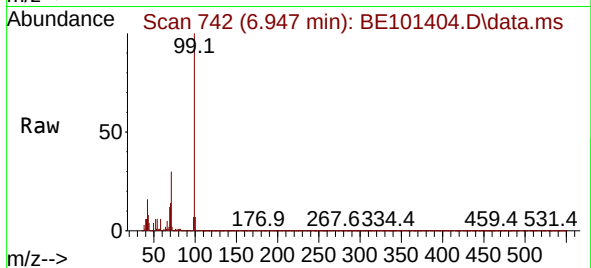
Tgt Ion: 93 Resp: 49034
Ion Ratio Lower Upper
93 100
66 39.9 31.0 46.4
65 20.7 15.5 23.3





#7
Phenol-d6
Concen: 110.818 ng
RT: 6.947 min Scan# 741
Delta R.T. -0.001 min
Lab File: BE101404.D
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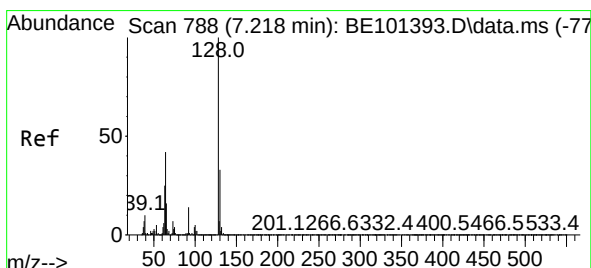
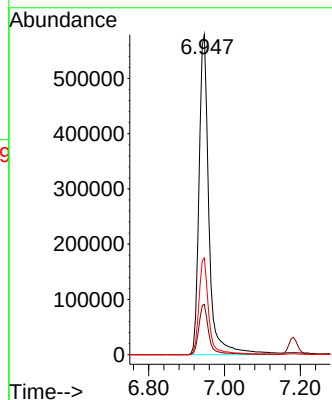
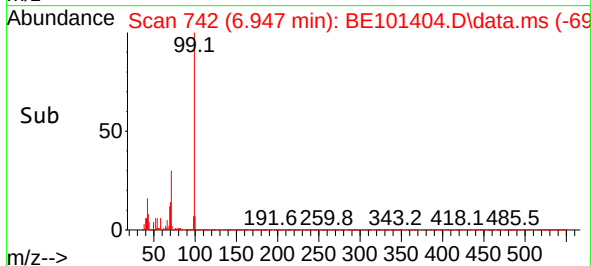
Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 99 Resp: 106422
Ion Ratio Lower Upper
99 100
42 15.7 12.3 18.5
71 30.3 23.8 35.8

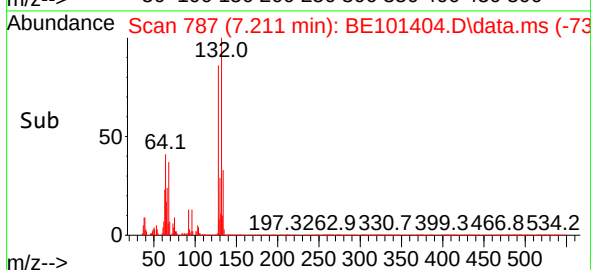
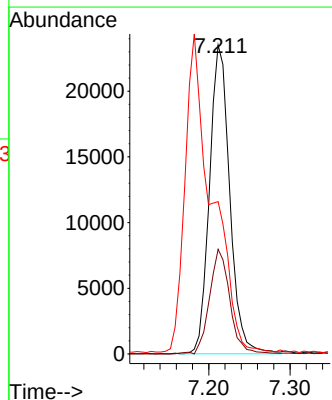
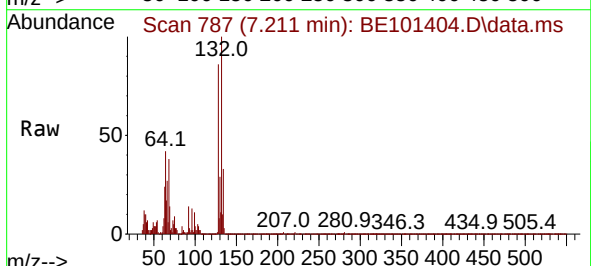
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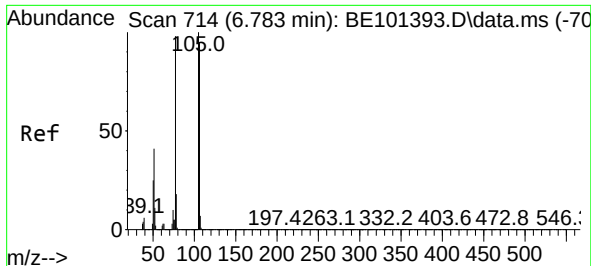
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#8
2-Chlorophenol
Concen: 4.899 ng
RT: 7.211 min Scan# 787
Delta R.T. -0.007 min
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Tgt Ion:128 Resp: 40697
Ion Ratio Lower Upper
128 100
130 33.8 12.9 52.9
64 49.3 22.3 62.3





#9

Benzaldehyde

Concen: 6.582 ng

RT: 6.788 min Scan# 715

Delta R.T. 0.005 min

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Instrument :

BNA_E

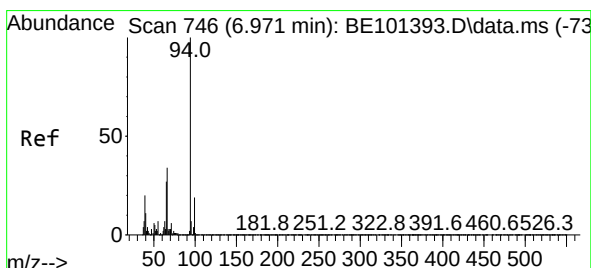
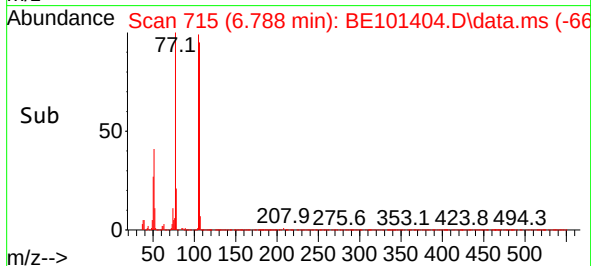
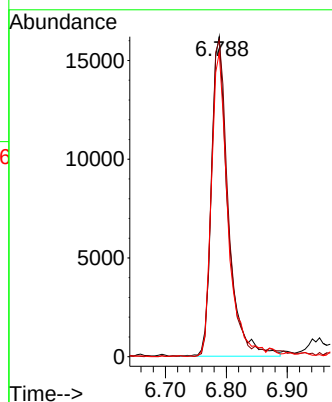
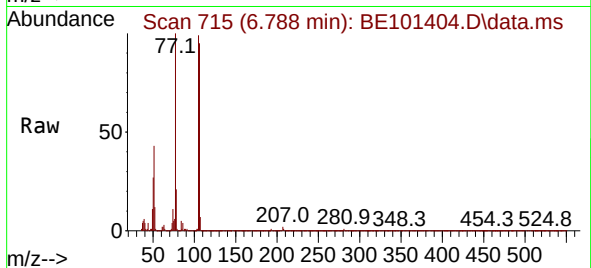
ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion: 77	Resp: 3051
Ion Ratio	Lower Upper
77 100	
105 99.0	81.9 121.9
106 95.0	76.5 116.5

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#10

Phenol

Concen: 4.374 ng

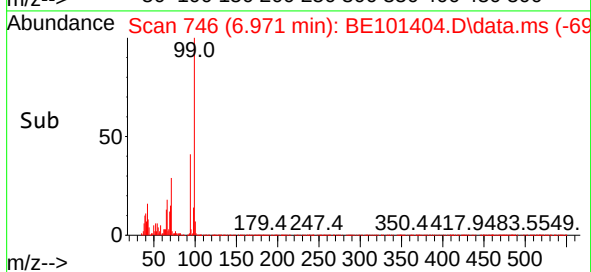
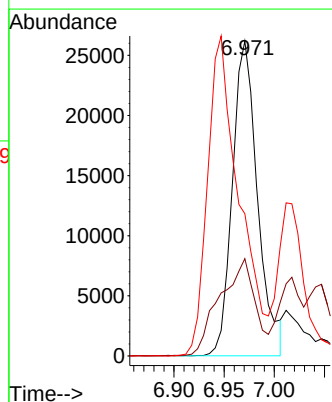
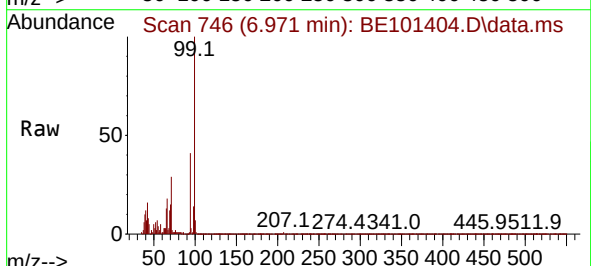
RT: 6.971 min Scan# 746

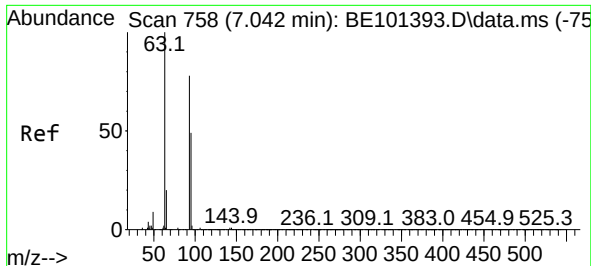
Delta R.T. -0.001 min

Lab File: BE101404.D

Acq: 29 Oct 2024 13:21

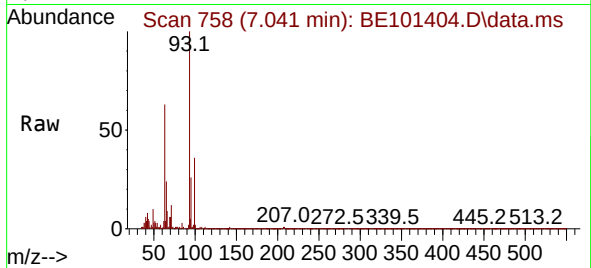
Tgt Ion: 94	Resp: 45575
Ion Ratio	Lower Upper
94 100	
65 30.9	6.8 46.8
66 45.2	14.0 54.0





#11
bis(2-Chloroethyl)ether
Concen: 3.937 ng m
RT: 7.041 min Scan# 701
Delta R.T. -0.001 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

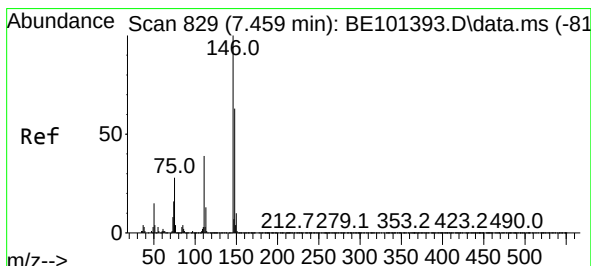
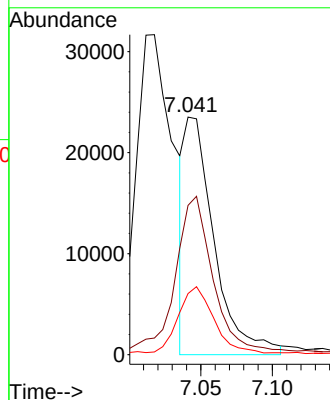
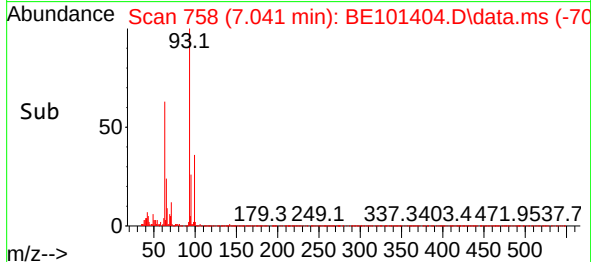
Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 93 Resp: 3365
Ion Ratio Lower Upper
93 100
63 62.8 46.3 86.3
95 25.8 9.6 49.6

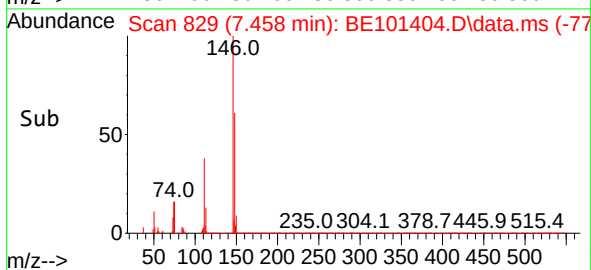
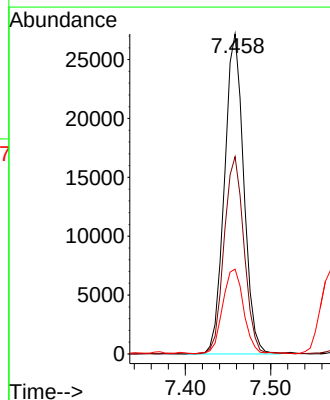
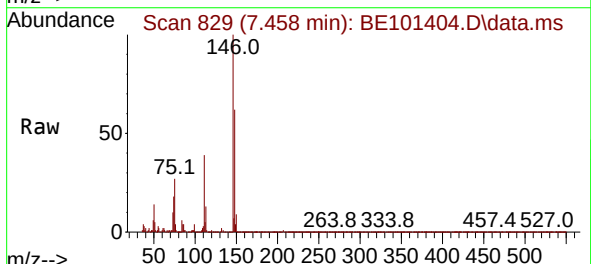
Manual Integrations
APPROVED

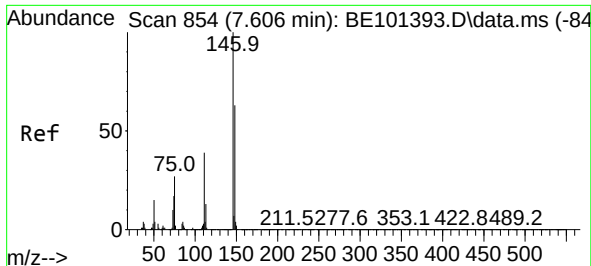
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#12
1,3-Dichlorobenzene
Concen: 4.774 ng
RT: 7.458 min Scan# 829
Delta R.T. -0.001 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

Tgt Ion:146 Resp: 42759
Ion Ratio Lower Upper
146 100
148 61.7 50.5 75.7
75 26.5 22.0 33.0





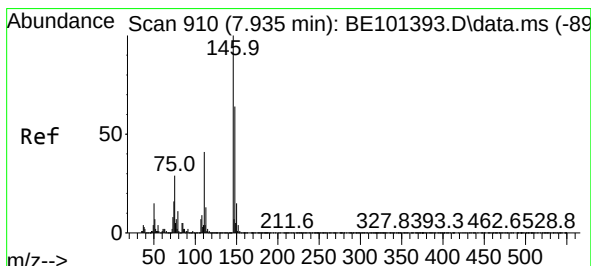
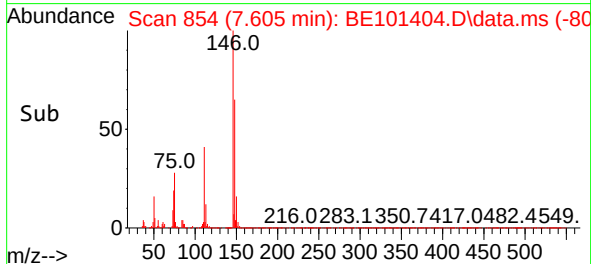
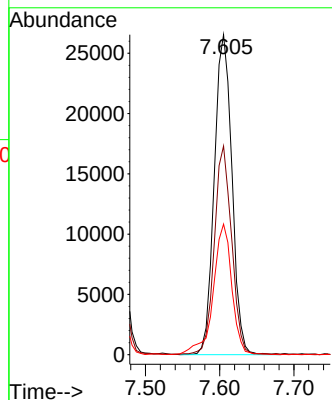
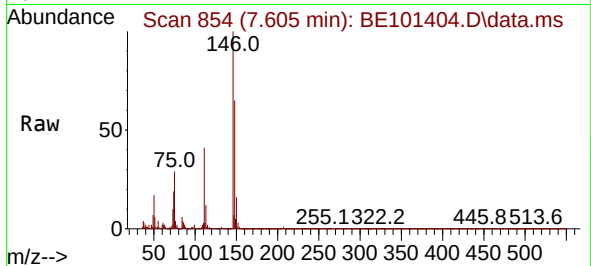
#13
1,4-Dichlorobenzene
Concen: 4.790 ng
RT: 7.605 min Scan# 854
Delta R.T. -0.001 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

Instrument : BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion:146 Resp: 43810
Ion Ratio Lower Upper
146 100
148 65.2 50.2 75.2
111 40.8 31.6 47.4

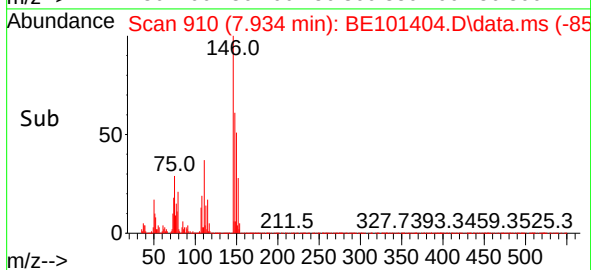
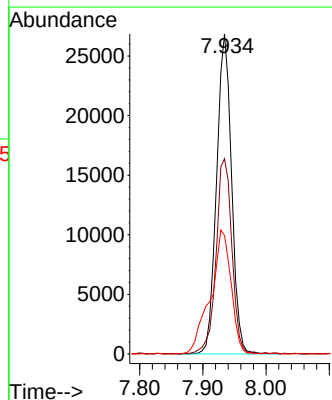
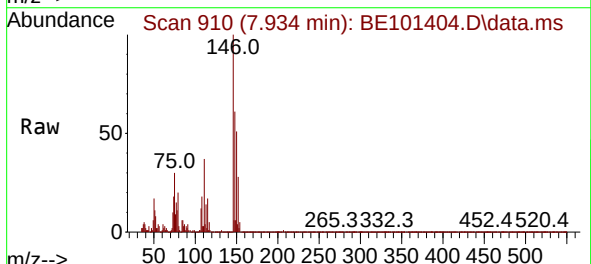
Manual Integrations
APPROVED

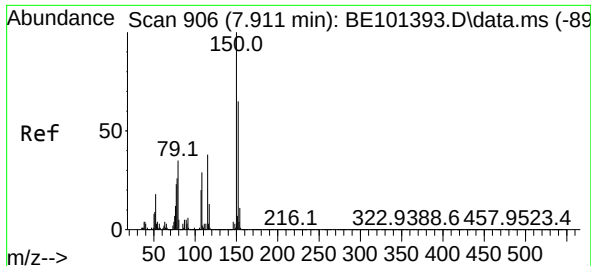
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#14
1,2-Dichlorobenzene
Concen: 4.937 ng
RT: 7.934 min Scan# 910
Delta R.T. -0.001 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

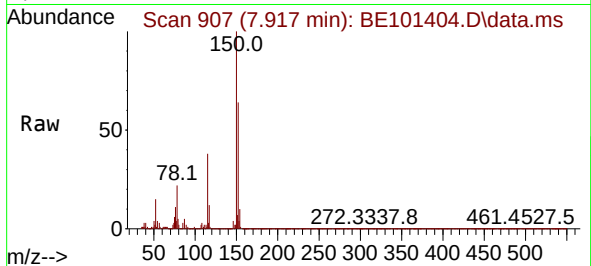
Tgt Ion:146 Resp: 44207
Ion Ratio Lower Upper
146 100
148 61.0 51.4 77.2
111 37.0 32.8 49.2





#15
Benzyl Alcohol
Concen: 5.648 ng
RT: 7.917 min Scan# 906
Delta R.T. 0.005 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

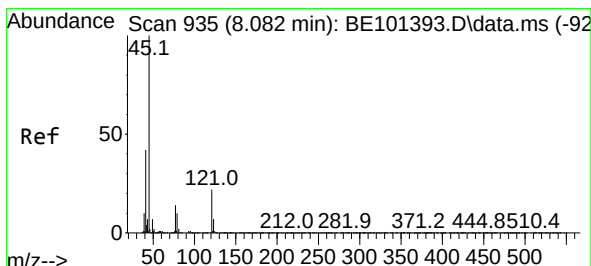
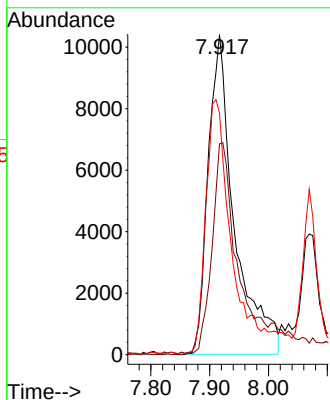
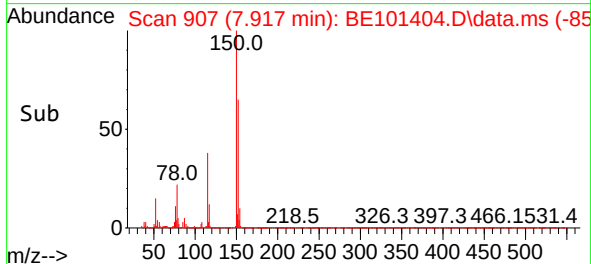
Instrument : BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 79 Resp: 3233
Ion Ratio Lower Upper
79 100
108 65.9 66.1 99.1
77 75.6 53.1 79.7

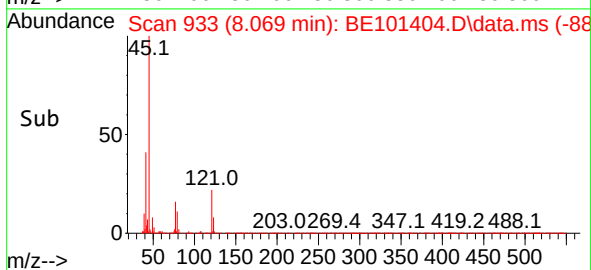
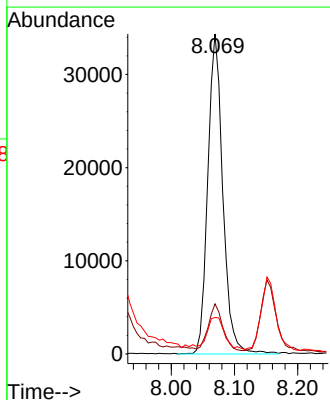
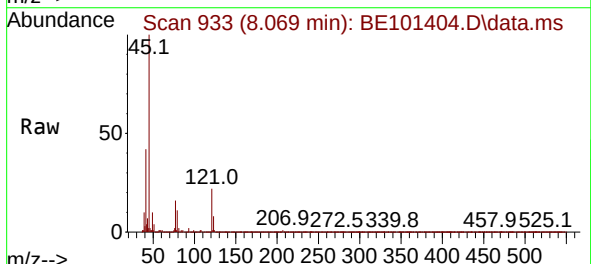
Manual Integrations
APPROVED

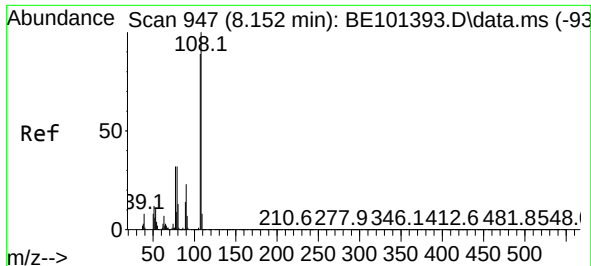
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.267 ng
RT: 8.069 min Scan# 933
Delta R.T. -0.012 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

Tgt Ion: 45 Resp: 56662
Ion Ratio Lower Upper
45 100
77 15.6 0.0 34.5
79 11.4 0.0 31.8





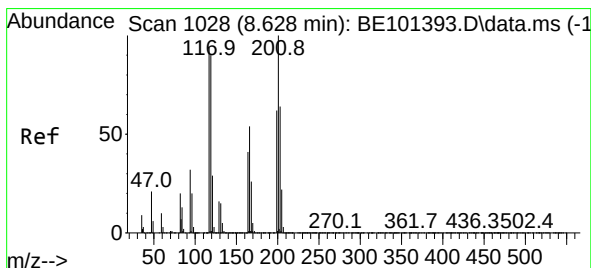
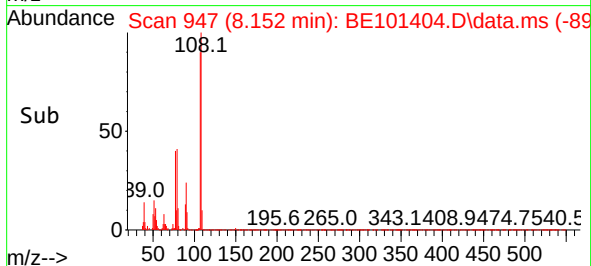
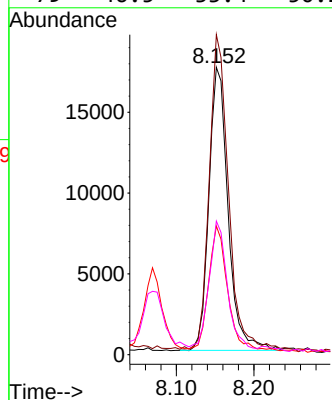
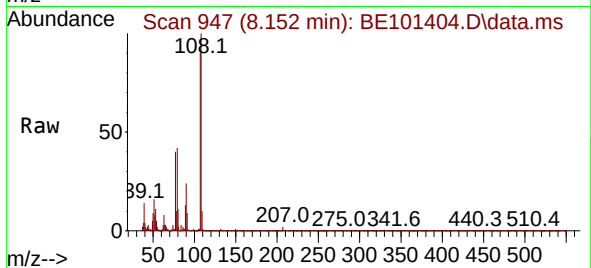
#17
2-Methylphenol
Concen: 4.266 ng
RT: 8.152 min Scan# 947
Delta R.T. -0.001 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

Instrument : BNA_E
ClientSampleId : LOQ-WATER-02-QT4-2024

Tgt Ion:	107	Resp:	3008
Ion Ratio	Lower	Upper	
107	100		
108	111.4	90.0	135.0
77	44.8	34.2	51.4
79	46.5	33.4	50.2

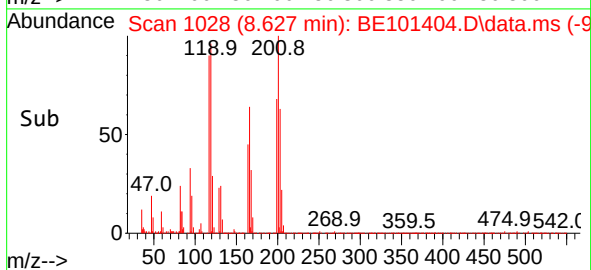
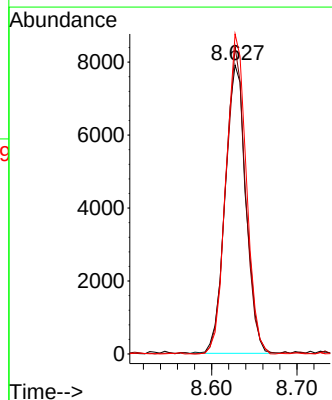
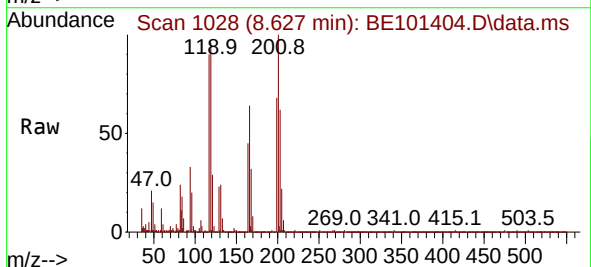
Manual Integrations
APPROVED

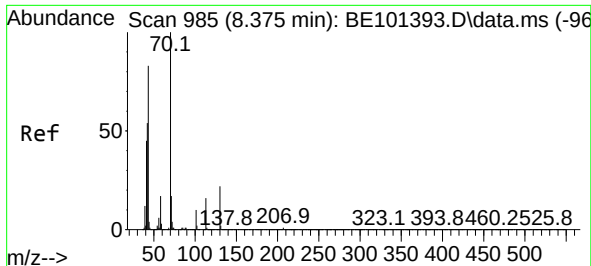
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#18
Hexachloroethane
Concen: 4.502 ng
RT: 8.627 min Scan# 1028
Delta R.T. -0.001 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

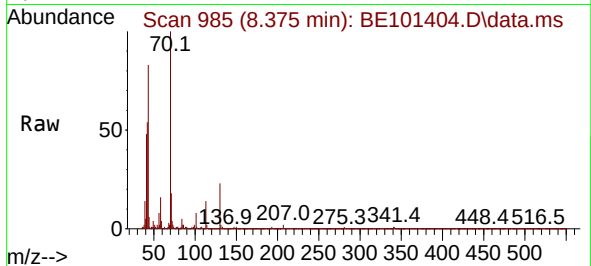
Tgt Ion:	117	Resp:	13449
Ion Ratio	Lower	Upper	
117	100		
119	106.3	77.0	115.4
201	114.2	85.3	127.9





#19
n-Nitroso-di-n-propylamine
Concen: 4.828 ng
RT: 8.375 min Scan# 985
Delta R.T. -0.001 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

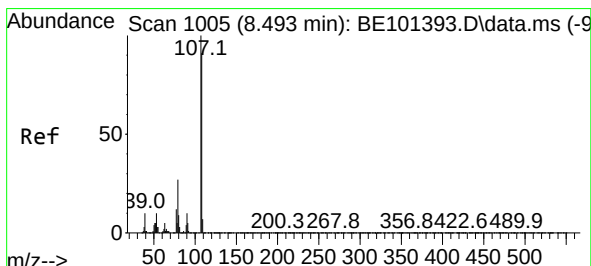
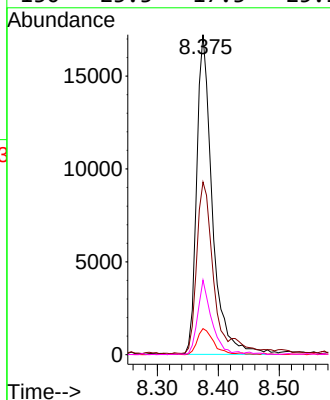
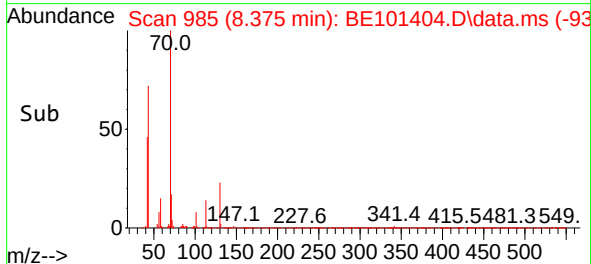
Instrument : BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024



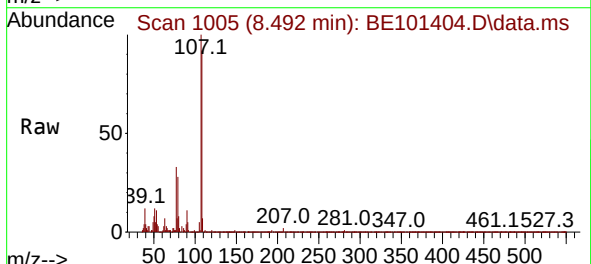
Tgt Ion: 70 Resp: 30768
Ion Ratio Lower Upper
70 100
42 53.9 43.4 65.0
101 8.1 8.1 12.1
130 23.3 17.3 25.9

Manual Integrations
APPROVED

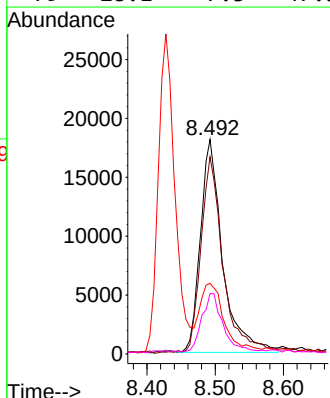
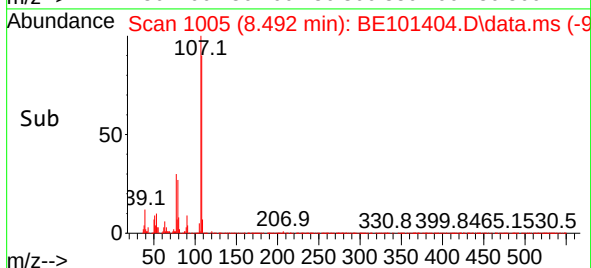
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

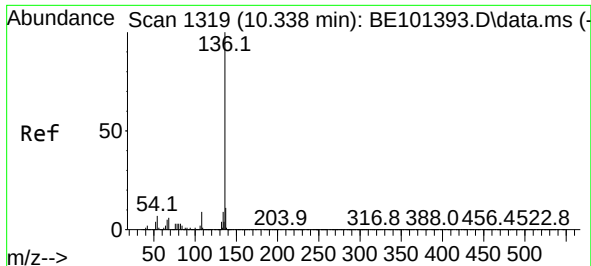


#20
3+4-Methylphenols
Concen: 4.193 ng
RT: 8.492 min Scan# 1005
Delta R.T. -0.001 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21



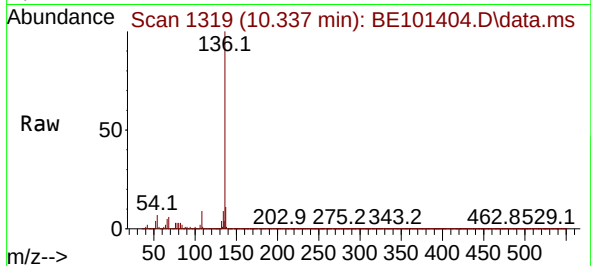
Tgt Ion:107 Resp: 40816
Ion Ratio Lower Upper
107 100
108 91.9 70.6 110.6
77 32.9 11.3 51.3
79 28.1 7.3 47.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.337 min Scan# 11
Delta R.T. -0.001 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

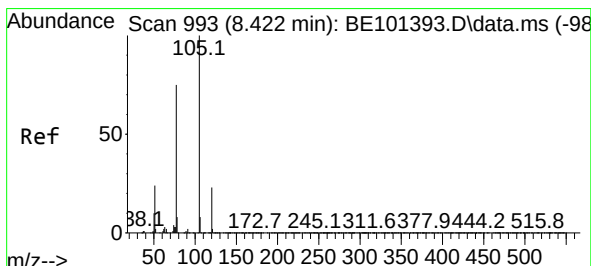
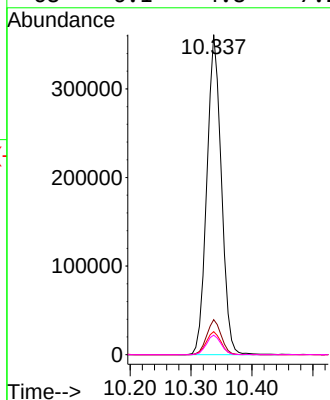
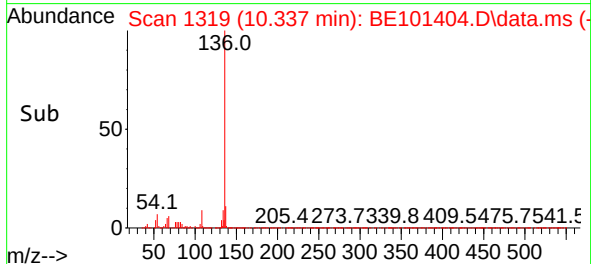
Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:	136	Resp:	59735
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.0	13.6
54	7.2	5.9	8.9
68	6.1	4.8	7.2

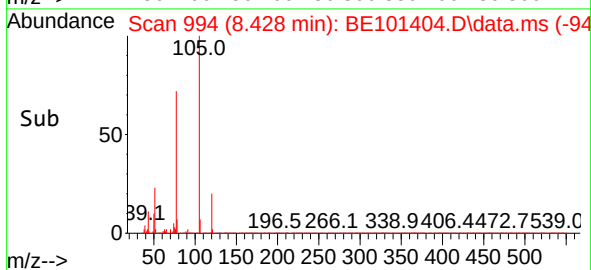
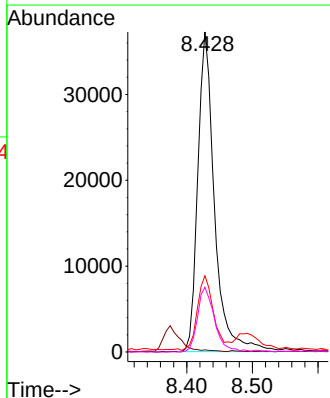
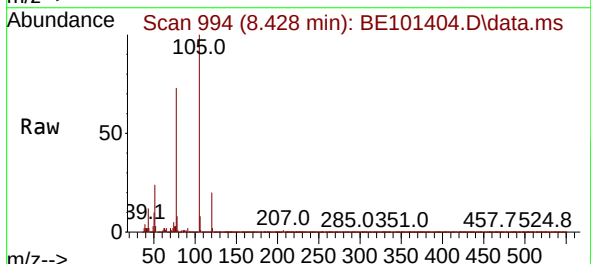
Manual Integrations
APPROVED

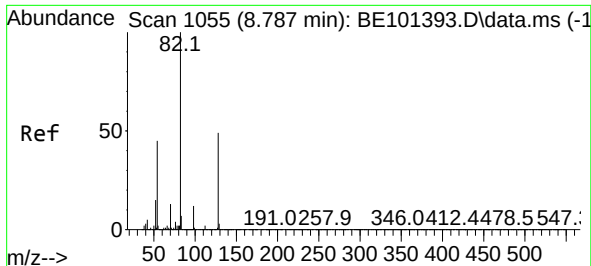
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#22
Acetophenone
Concen: 4.874 ng
RT: 8.428 min Scan# 994
Delta R.T. 0.005 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

Tgt Ion:	105	Resp:	66115
Ion Ratio	Lower	Upper	
105	100		
71	0.7	0.1	0.1#
51	23.8	19.4	29.0
120	20.2	18.4	27.6





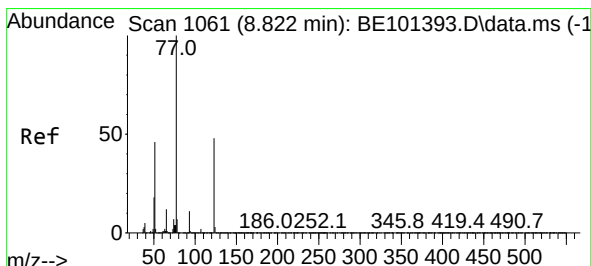
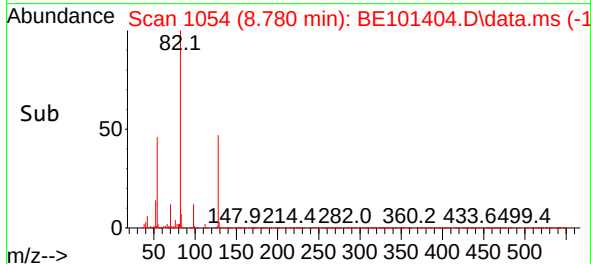
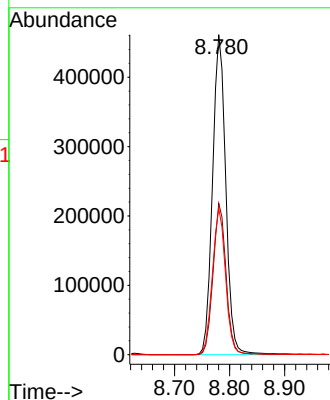
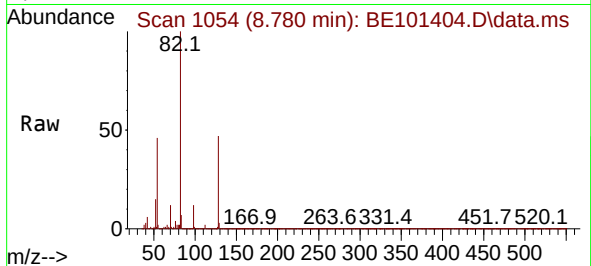
#23
Nitrobenzene-d5
Concen: 81.047 ng
RT: 8.780 min Scan# 1055
Delta R.T. -0.007 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion: 82 Resp: 770815
Ion Ratio Lower Upper
82 100
128 47.3 38.9 58.3
54 45.7 36.2 54.4

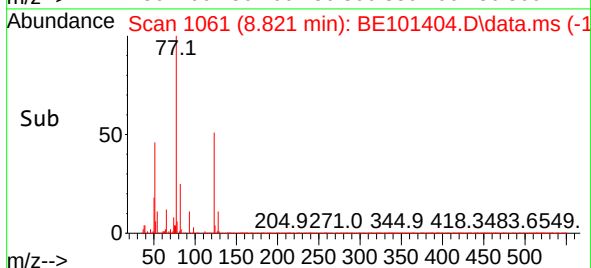
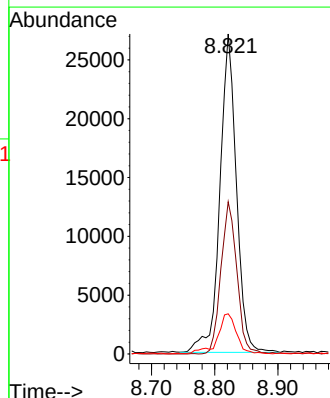
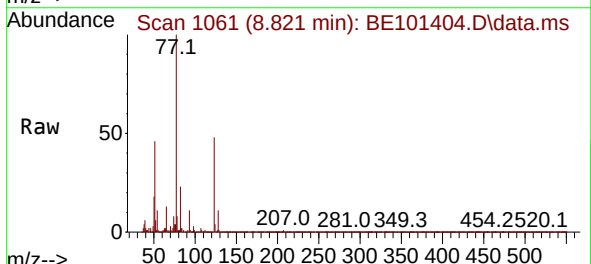
Manual Integrations
APPROVED

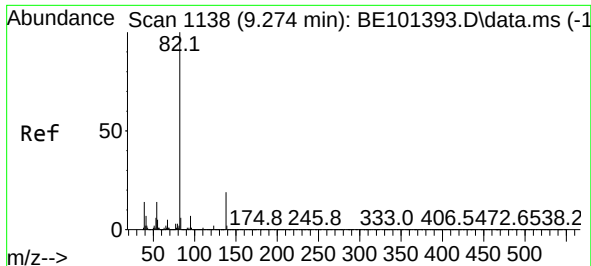
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#24
Nitrobenzene
Concen: 4.864 ng
RT: 8.821 min Scan# 1061
Delta R.T. -0.001 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

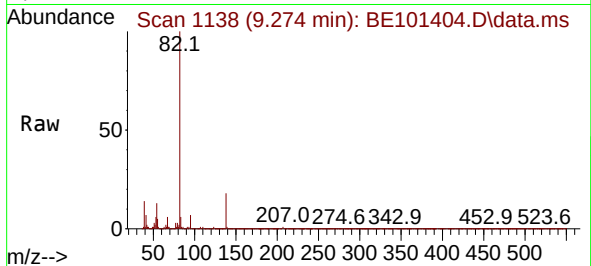
Tgt Ion: 77 Resp: 49236
Ion Ratio Lower Upper
77 100
123 47.5 38.7 58.1
65 12.6 10.0 15.0





#25
Isophorone
Concen: 4.718 ng
RT: 9.274 min Scan# 1138
Delta R.T. -0.001 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

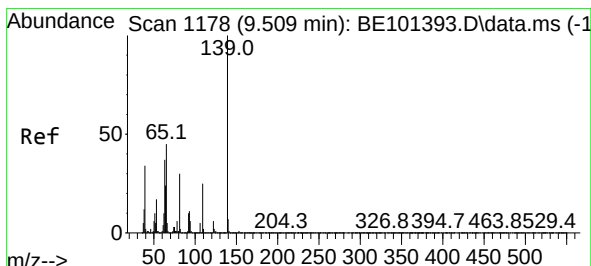
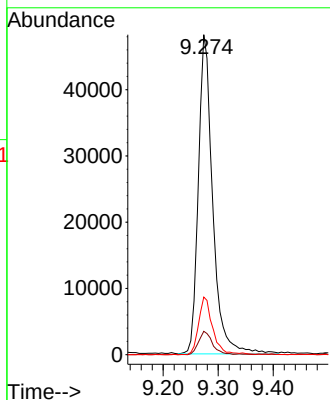
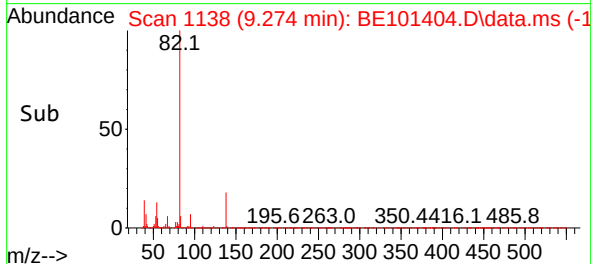
Instrument : BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 82 Resp: 8756
Ion Ratio Lower Upper
82 100
95 7.3 5.5 8.3
138 18.0 15.0 22.4

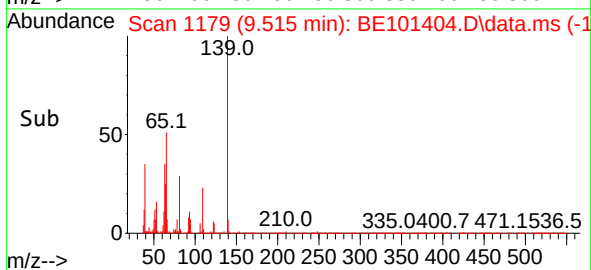
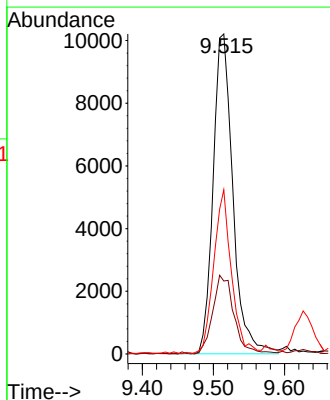
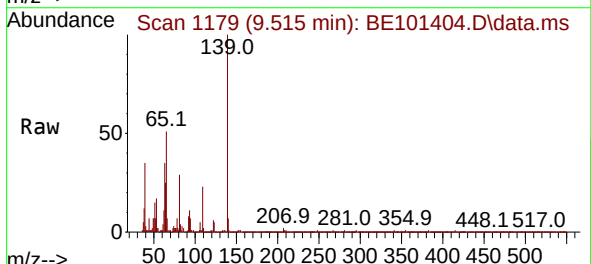
Manual Integrations
APPROVED

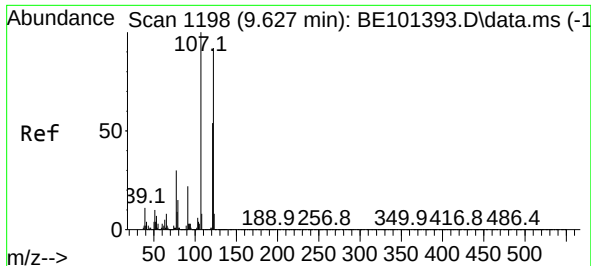
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#26
2-Nitrophenol
Concen: 4.020 ng
RT: 9.515 min Scan# 1179
Delta R.T. 0.005 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

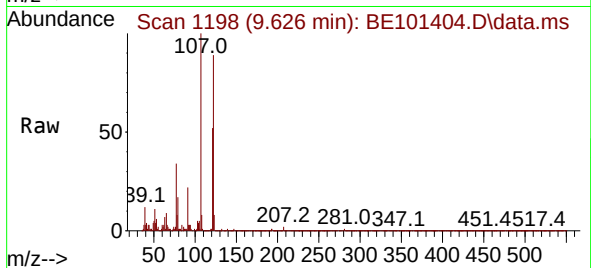
Tgt Ion:139 Resp: 19670
Ion Ratio Lower Upper
139 100
109 22.8 20.1 30.1
65 51.3 36.0 54.0





#27
2,4-Dimethylphenol
Concen: 3.938 ng
RT: 9.626 min Scan# 1198
Delta R.T. -0.001 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

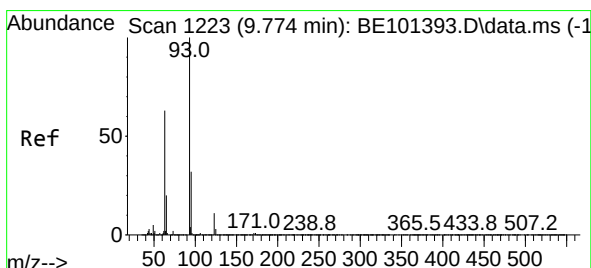
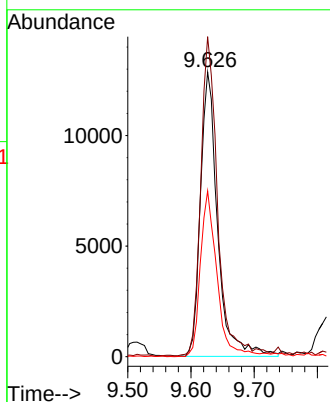
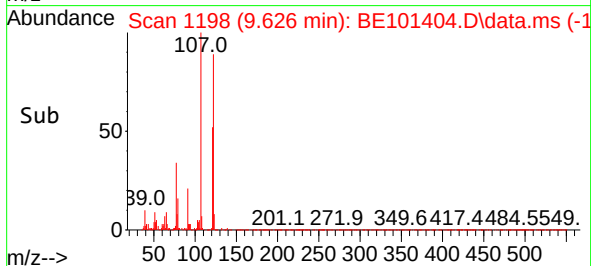
Instrument : BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 122 Resp: 2424
Ion Ratio Lower Upper
122 100
107 112.4 87.4 131.0
121 58.2 47.4 71.0

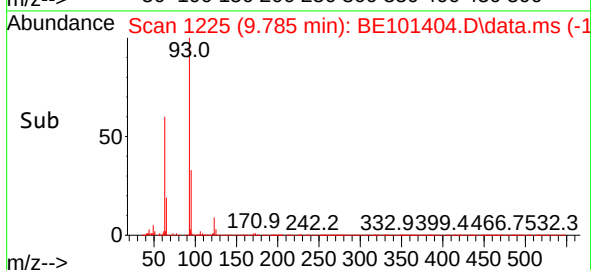
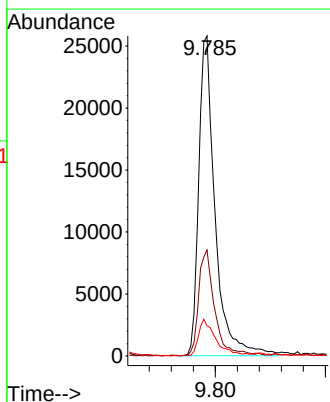
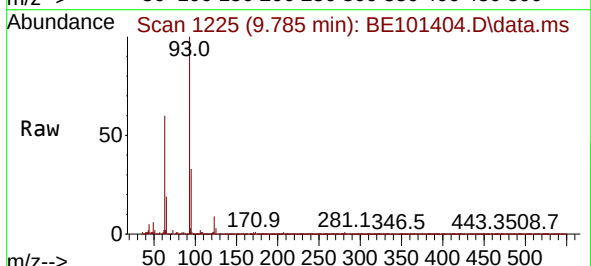
Manual Integrations
APPROVED

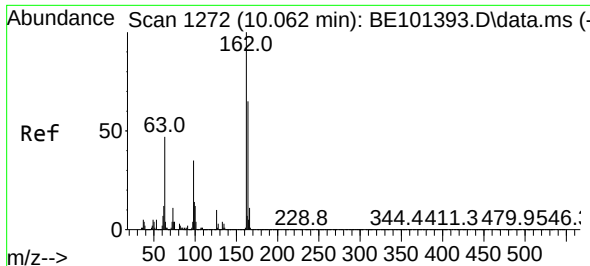
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#28
bis(2-Chloroethoxy)methane
Concen: 4.727 ng
RT: 9.785 min Scan# 1225
Delta R.T. 0.011 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

Tgt Ion: 93 Resp: 53198
Ion Ratio Lower Upper
93 100
95 33.1 25.8 38.6
123 9.4 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 4.291 ng

RT: 10.061 min Scan# 1272

Delta R.T. -0.001 min

Lab File: BE101404.D

Acq: 29 Oct 2024 13:21

Instrument :

BNA_E

ClientSampleId :

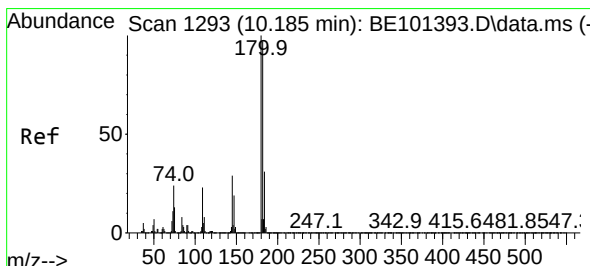
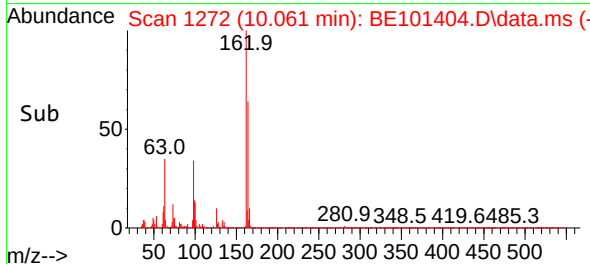
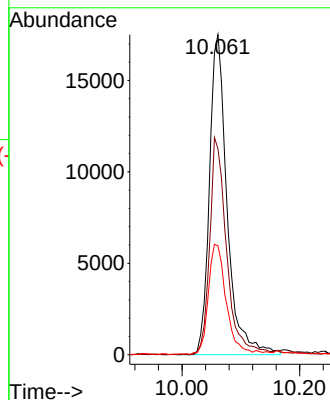
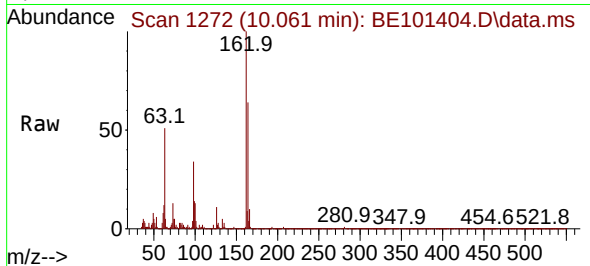
LOQ-WATER-02-QT4-2024

Tgt Ion:	162	Resp:	3654
Ion Ratio	Lower	Upper	
162	100		
164	64.3	45.4	85.4
98	34.0	14.5	54.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#30

1,2,4-Trichlorobenzene

Concen: 4.696 ng

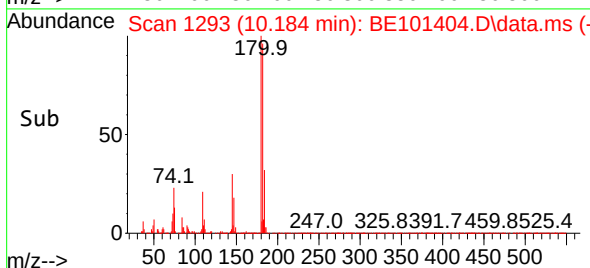
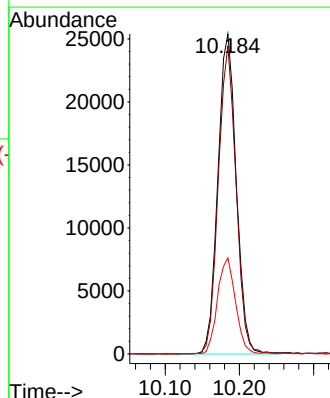
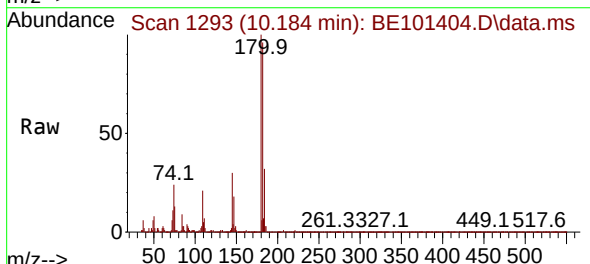
RT: 10.184 min Scan# 1293

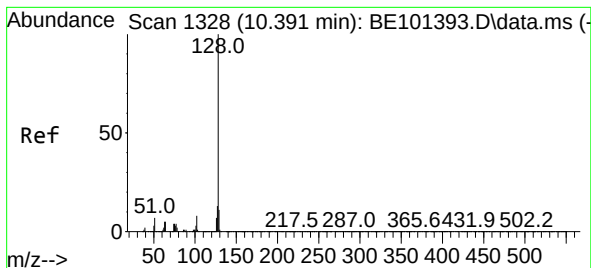
Delta R.T. -0.001 min

Lab File: BE101404.D

Acq: 29 Oct 2024 13:21

Tgt Ion:	180	Resp:	43569
Ion Ratio	Lower	Upper	
180	100		
182	96.3	77.4	116.0
145	30.0	23.3	34.9





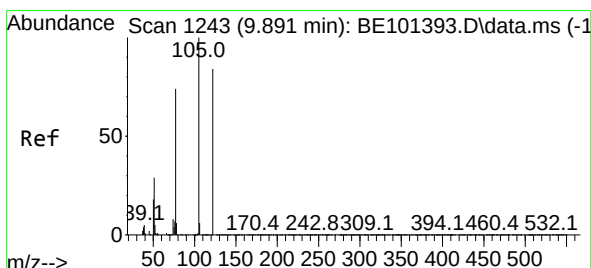
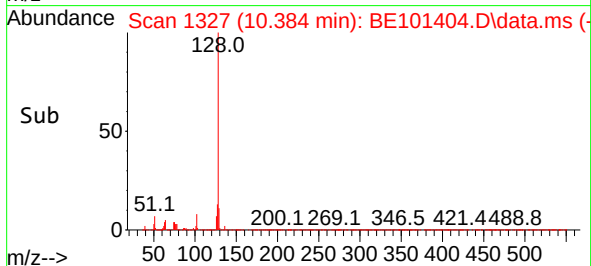
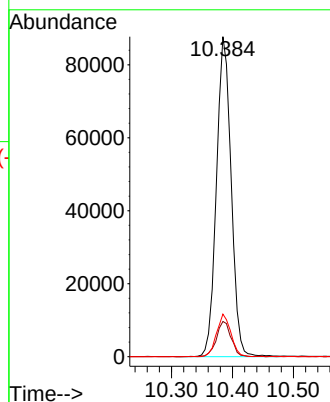
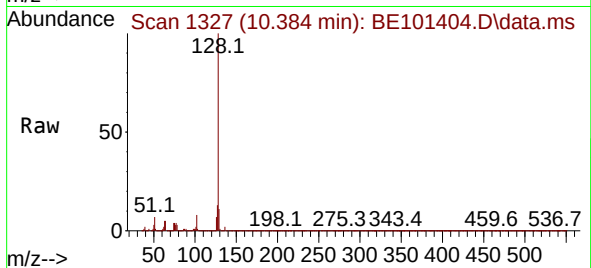
#31
Naphthalene
Concen: 4.823 ng
RT: 10.384 min Scan# 11
Delta R.T. -0.007 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

Instrument : BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion:128 Resp: 14681
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.3 10.3 15.5

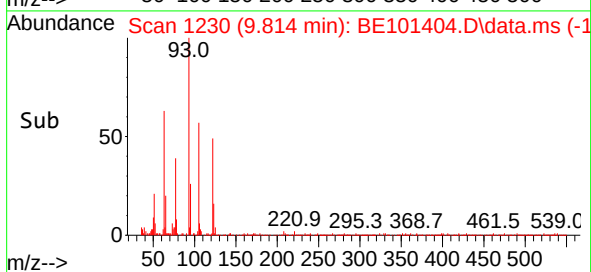
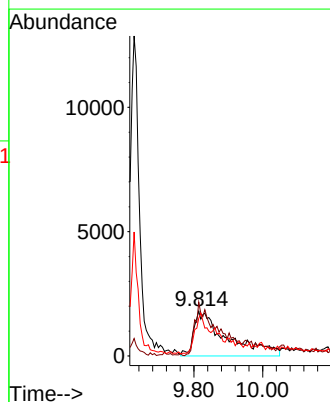
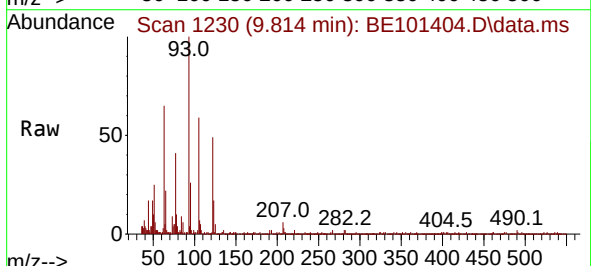
Manual Integrations
APPROVED

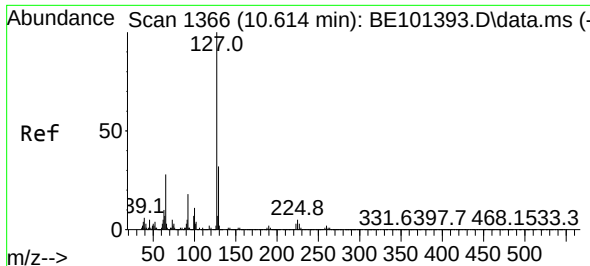
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#32
Benzoic acid
Concen: 9.789 ng m
RT: 9.814 min Scan# 1230
Delta R.T. -0.077 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

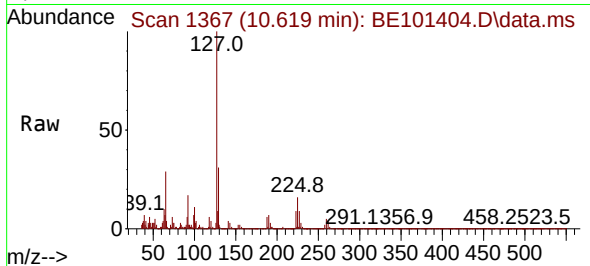
Tgt Ion:122 Resp: 12022
Ion Ratio Lower Upper
122 100
105 120.1 97.9 137.9
77 84.3 68.1 108.1





#33
4-Chloroaniline
Concen: 5.174 ng
RT: 10.619 min Scan# 1367
Delta R.T. 0.005 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

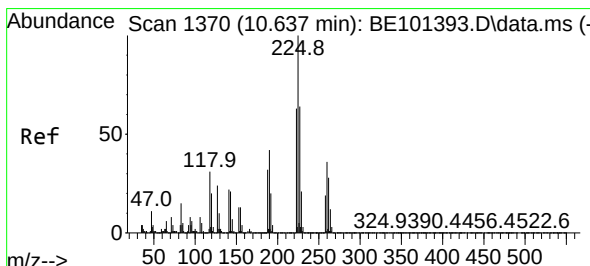
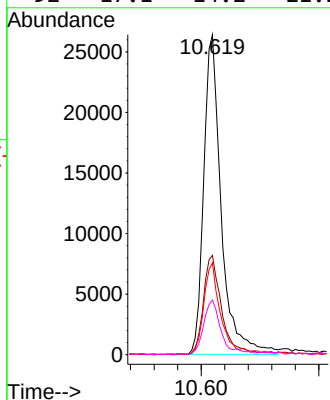
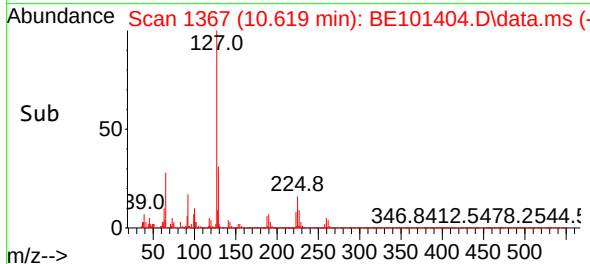
Instrument : BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.1	25.7	38.5
65	28.7	22.2	33.4
92	17.1	14.2	21.2

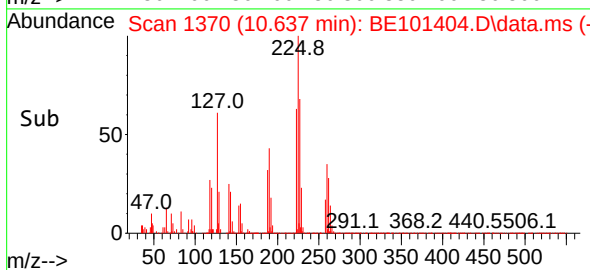
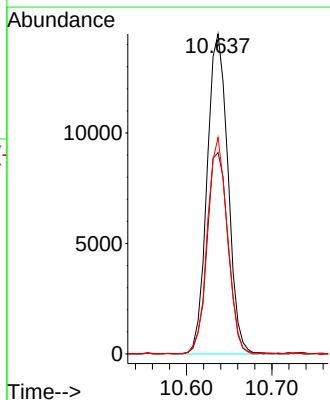
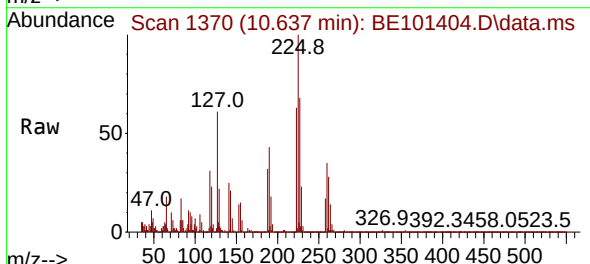
Manual Integrations
APPROVED

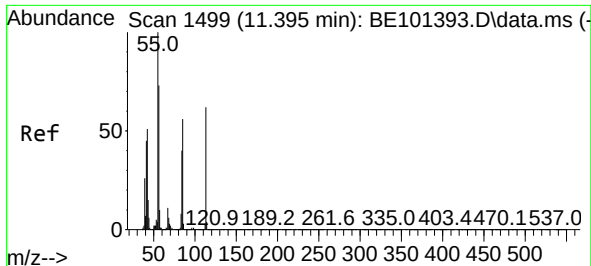
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#34
Hexachlorobutadiene
Concen: 4.482 ng
RT: 10.637 min Scan# 1370
Delta R.T. -0.001 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

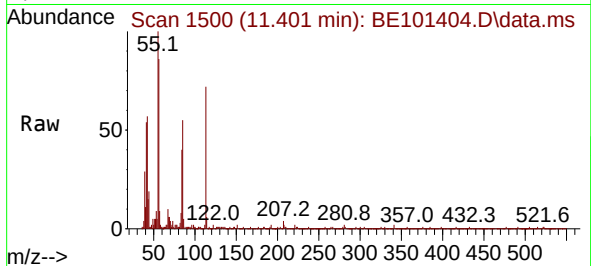
Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.5	75.7
227	67.7	51.0	76.6





#35
Caprolactam
Concen: 3.924 ng m
RT: 11.401 min Scan# 113
Delta R.T. 0.005 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

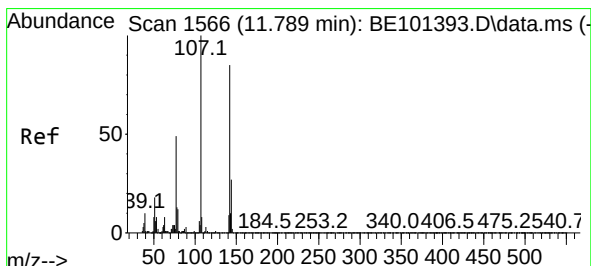
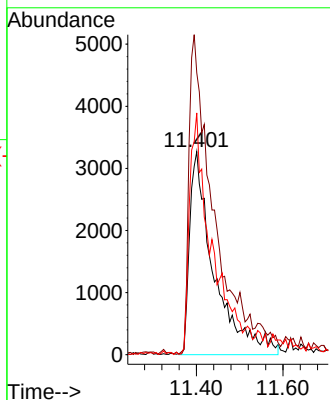
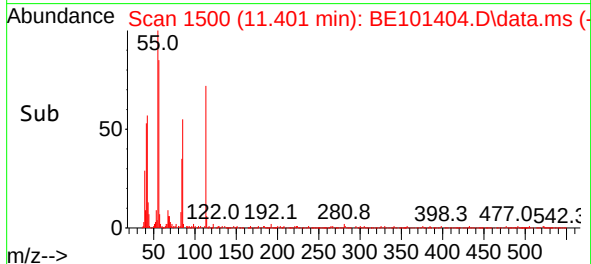
Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024



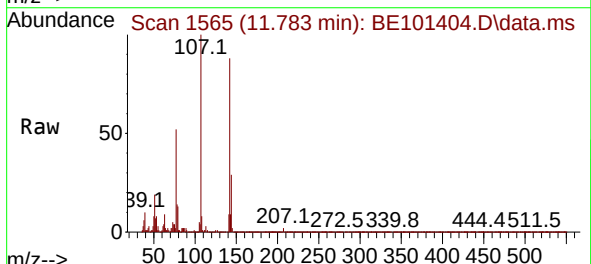
Tgt Ion:113 Resp: 1281
Ion Ratio Lower Upper
113 100
55 138.9 141.2 181.2
56 119.1 96.9 136.9

Manual Integrations
APPROVED

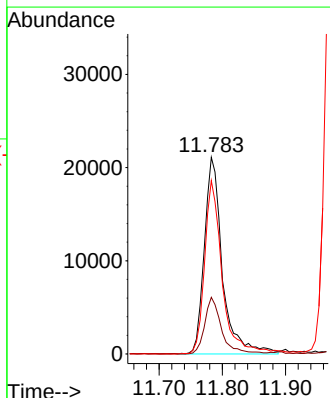
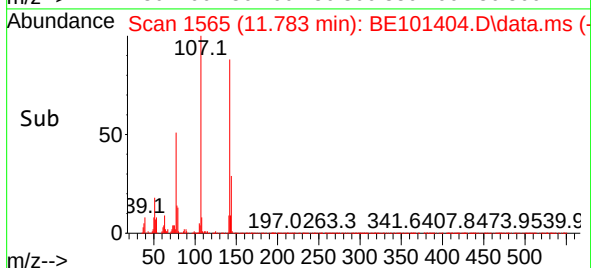
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

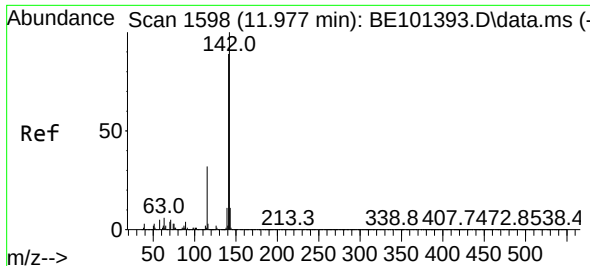


#36
4-Chloro-3-methylphenol
Concen: 4.325 ng
RT: 11.783 min Scan# 1565
Delta R.T. -0.007 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21



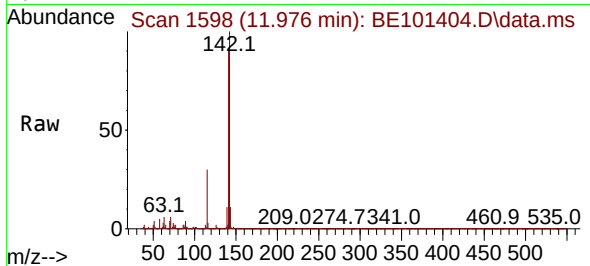
Tgt Ion:107 Resp: 41947
Ion Ratio Lower Upper
107 100
144 28.8 21.9 32.9
142 88.1 68.0 102.0





#37
2-Methylnaphthalene
Concen: 4.906 ng
RT: 11.976 min Scan# 1598
Delta R.T. -0.001 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

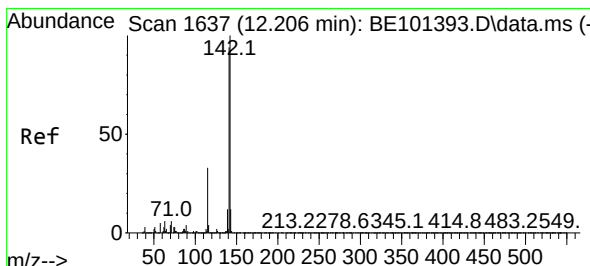
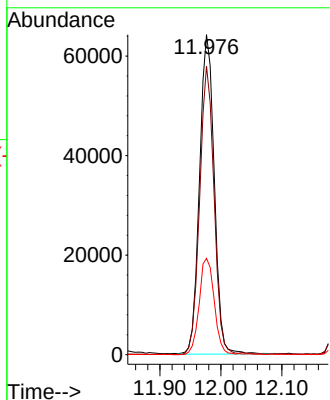
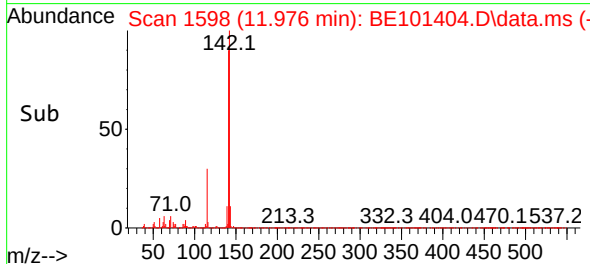
Instrument : BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:142 Resp: 107598
Ion Ratio Lower Upper
142 100
141 90.2 71.4 107.2
115 30.1 25.6 38.4

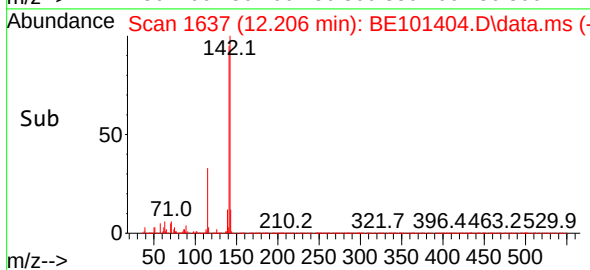
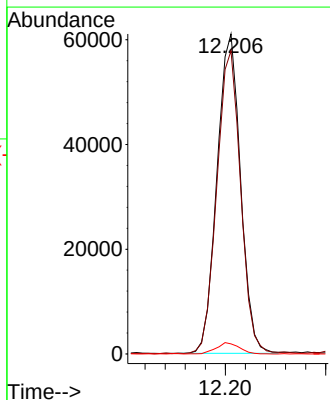
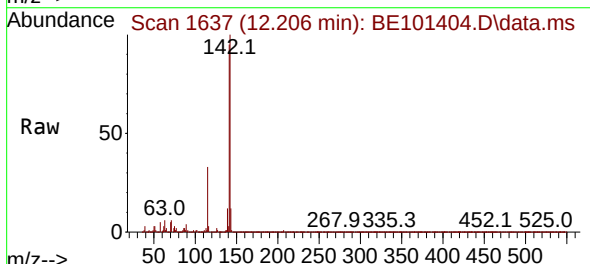
Manual Integrations
APPROVED

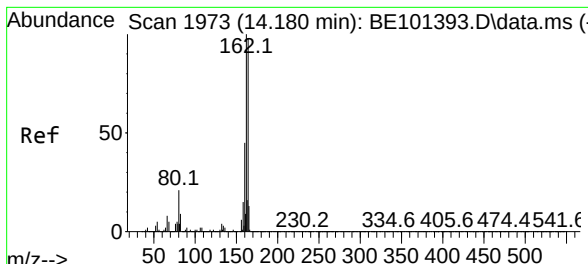
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#38
1-Methylnaphthalene
Concen: 4.533 ng
RT: 12.206 min Scan# 1637
Delta R.T. -0.001 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

Tgt Ion:142 Resp: 99208
Ion Ratio Lower Upper
142 100
141 94.8 75.0 112.4
116 3.1 2.9 4.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.180 min Scan# 1973
Delta R.T. -0.001 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

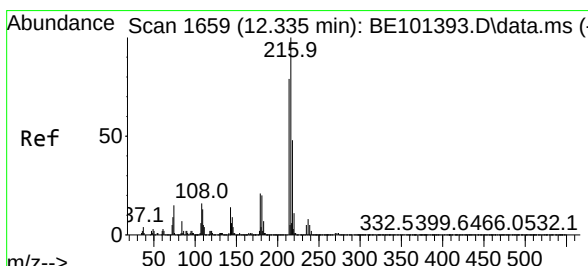
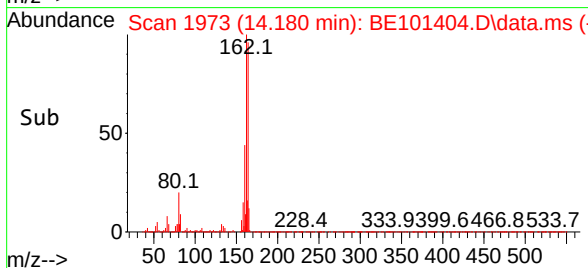
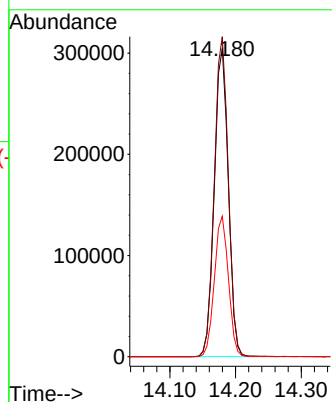
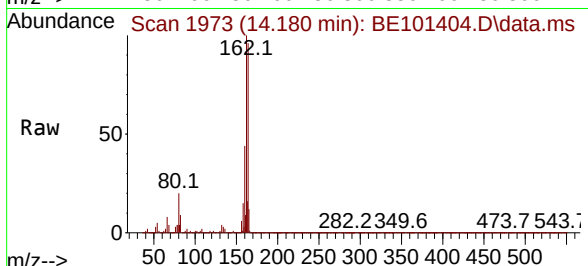
Instrument : BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion:164 Resp: 450628

Ion	Ratio	Lower	Upper
164	100		
162	103.8	81.3	121.9
160	45.6	36.4	54.6

Manual Integrations
APPROVED

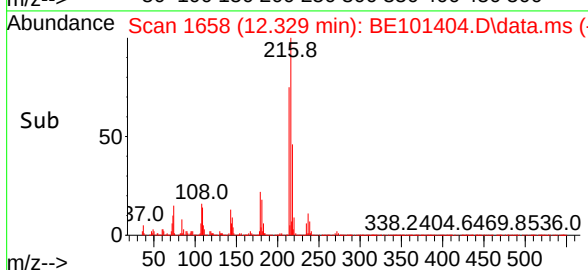
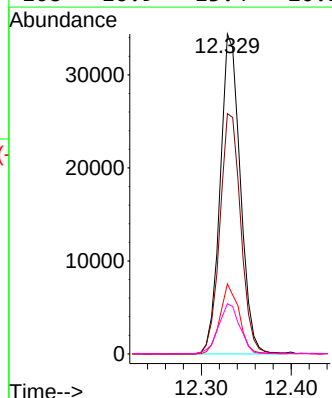
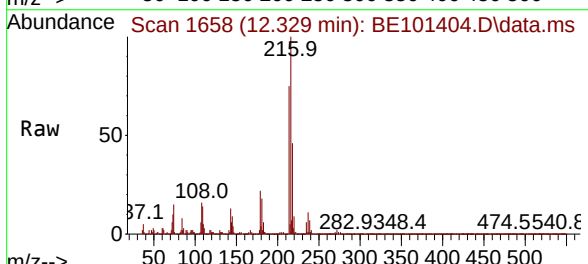
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

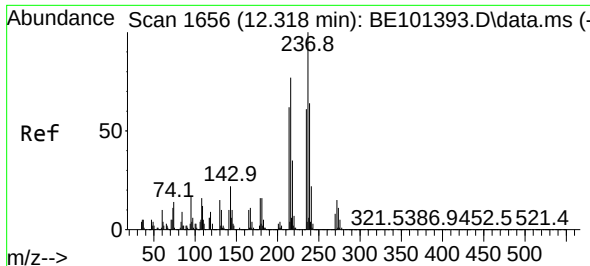


#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.722 ng
RT: 12.329 min Scan# 1658
Delta R.T. -0.007 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

Tgt Ion:216 Resp: 53412

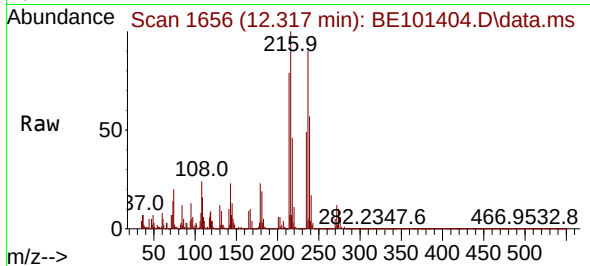
Ion	Ratio	Lower	Upper
216	100		
214	78.1	63.0	94.4
179	21.0	16.7	25.1
108	16.9	13.4	20.2





#41
Hexachlorocyclopentadiene
Concen: 3.717 ng
RT: 12.317 min Scan# 1656
Delta R.T. -0.001 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

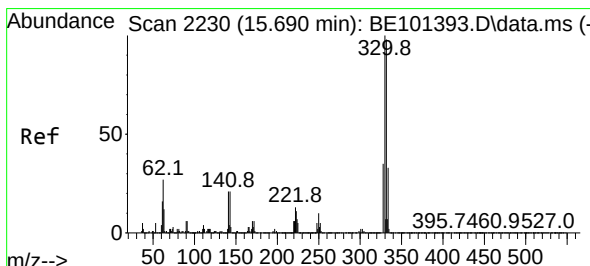
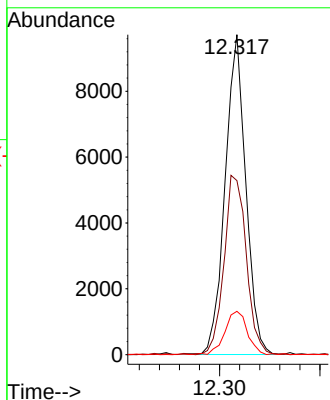
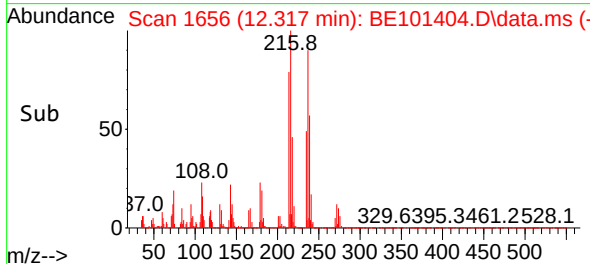
Instrument : BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024



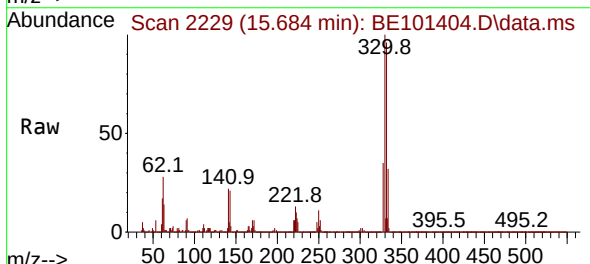
Tgt Ion:237 Resp: 13880
Ion Ratio Lower Upper
237 100
235 54.4 41.3 81.3
272 13.6 0.0 34.6

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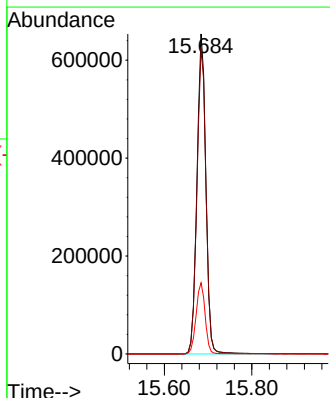
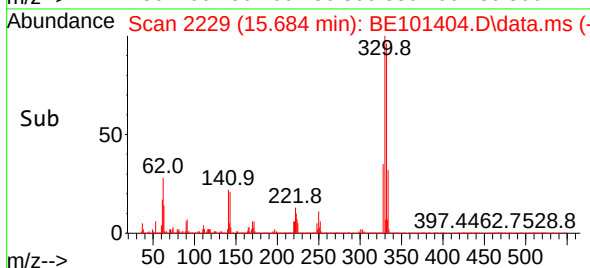
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

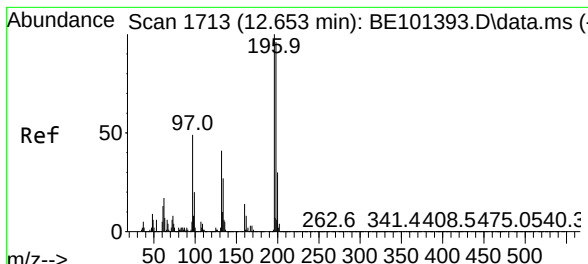


#42
2,4,6-Tribromophenol
Concen: 117.743 ng
RT: 15.684 min Scan# 2229
Delta R.T. -0.007 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21



Tgt Ion:330 Resp: 929941
Ion Ratio Lower Upper
330 100
332 96.7 78.2 117.2
141 22.6 18.3 27.5





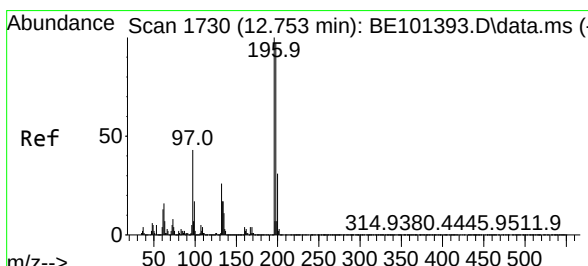
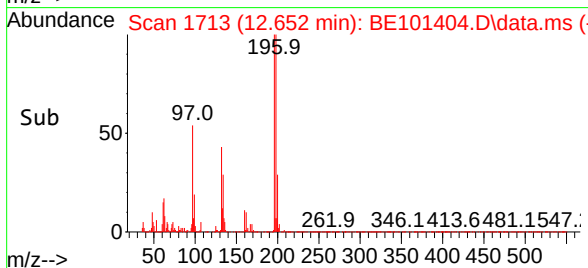
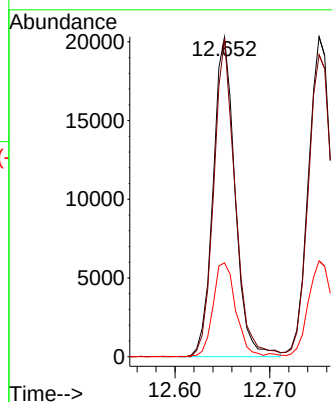
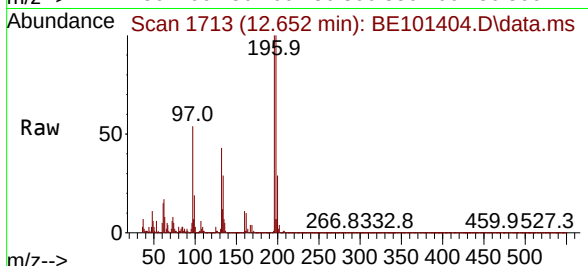
#43
2,4,6-Trichlorophenol
Concen: 4.172 ng
RT: 12.652 min Scan# 1713
Delta R.T. -0.001 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

Instrument : BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion:196	Resp:	3253
Ion Ratio	Lower	Upper
196	100	
198	99.6	76.6 115.0
200	29.3	24.1 36.1

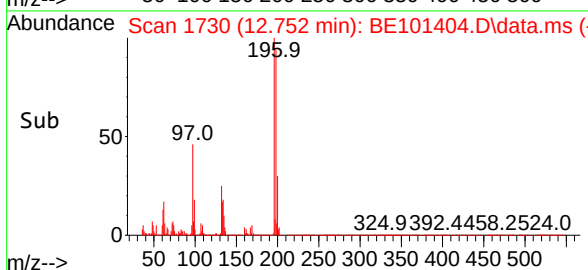
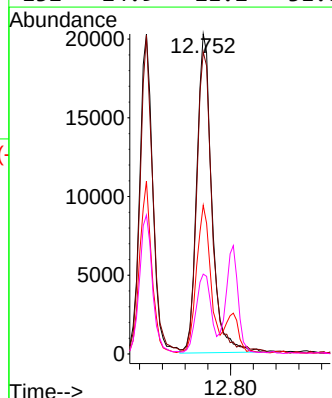
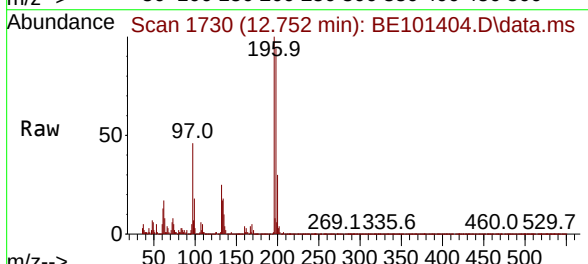
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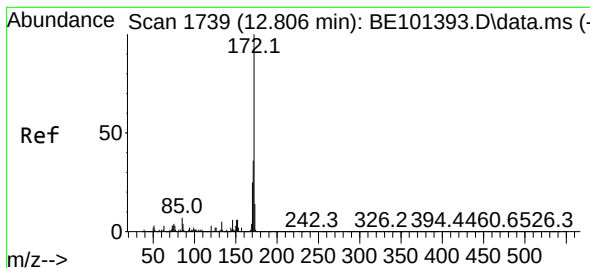
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#44
2,4,5-Trichlorophenol
Concen: 4.185 ng
RT: 12.752 min Scan# 1730
Delta R.T. -0.001 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

Tgt Ion:196	Resp:	37374
Ion Ratio	Lower	Upper
196	100	
198	94.3	77.4 116.0
97	46.4	34.8 52.2
132	24.9	21.2 31.8





#45

2-Fluorobiphenyl

Concen: 81.042 ng

RT: 12.805 min Scan# 1739

Delta R.T. -0.001 min

Lab File: BE101404.D

Acq: 29 Oct 2024 13:21

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion:172 Resp: 2156410

Ion Ratio Lower Upper

172 100

171 36.3 29.2 43.8

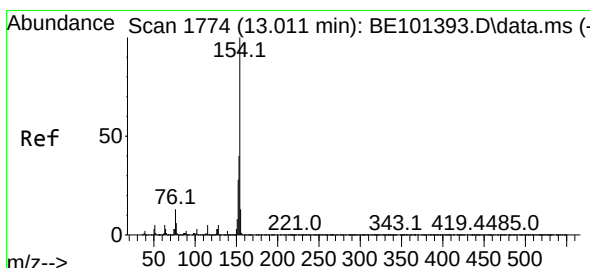
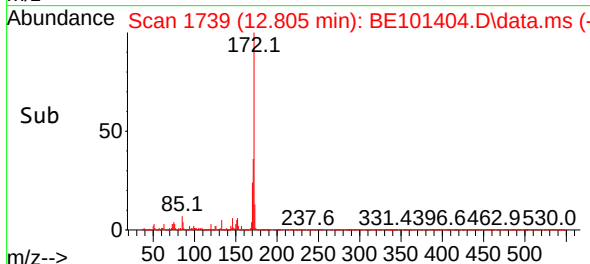
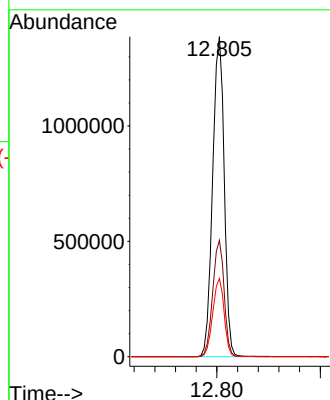
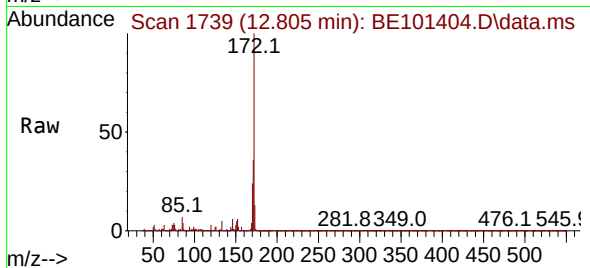
170 24.5 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024

Supervised By :mohammad ahmed 11/04/2024



#46

1,1'-Biphenyl

Concen: 5.115 ng

RT: 13.005 min Scan# 1773

Delta R.T. -0.007 min

Lab File: BE101404.D

Acq: 29 Oct 2024 13:21

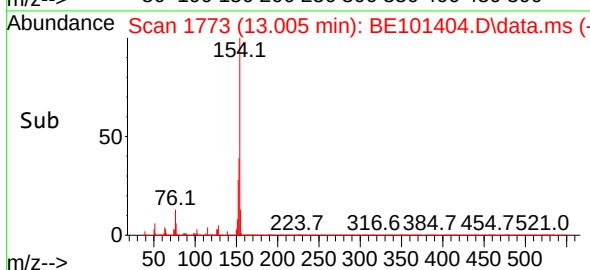
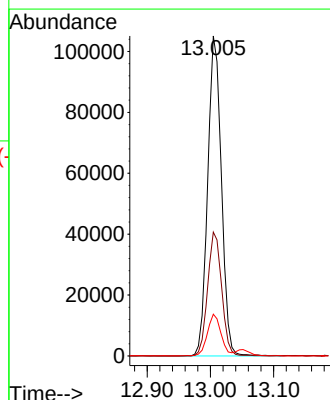
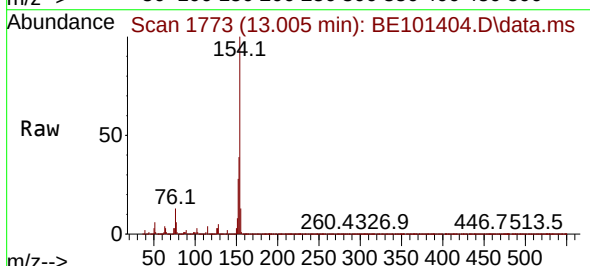
Tgt Ion:154 Resp: 157929

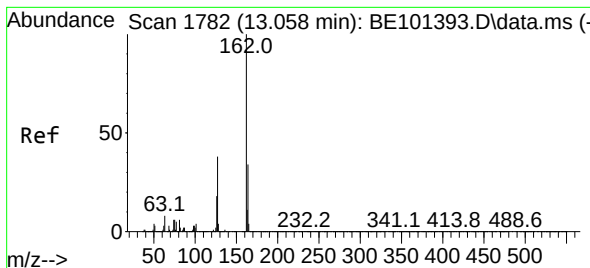
Ion Ratio Lower Upper

154 100

153 38.7 20.3 60.3

76 13.0 0.0 32.6





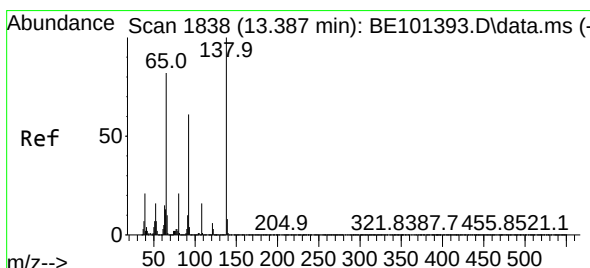
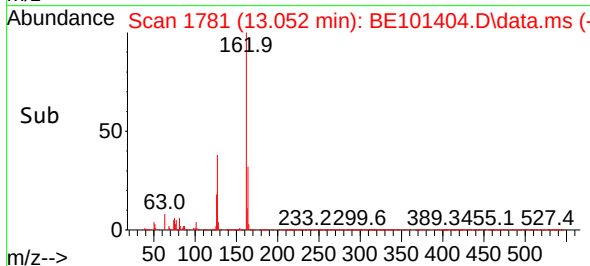
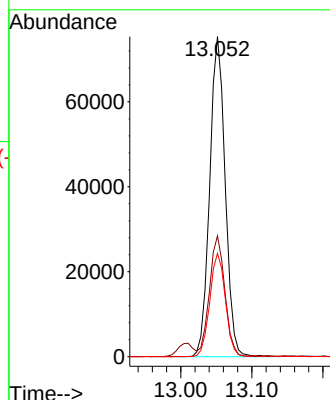
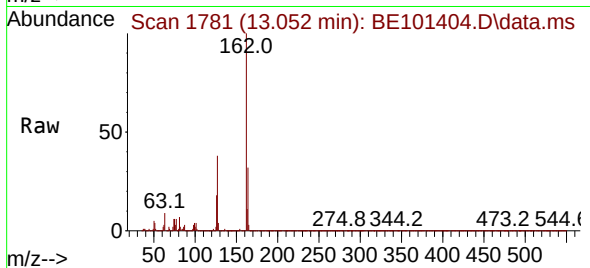
#47
2-Chloronaphthalene
Concen: 4.682 ng
RT: 13.052 min Scan# 11
Delta R.T. -0.007 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

Instrument : BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion:162 Resp: 114194
Ion Ratio Lower Upper
162 100
127 37.7 30.4 45.6
164 32.3 27.0 40.6

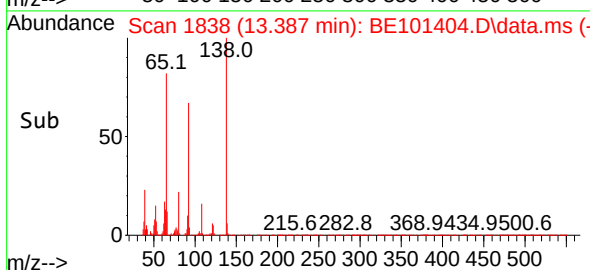
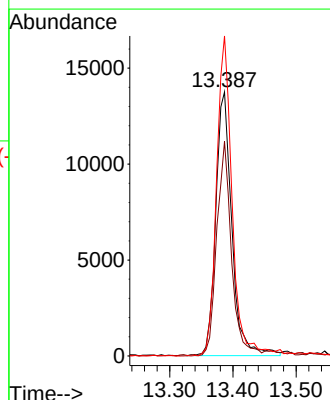
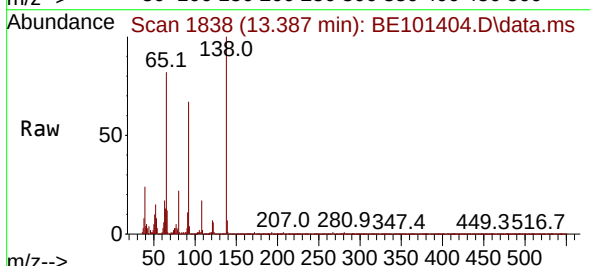
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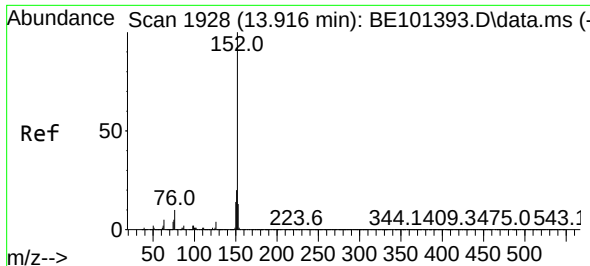
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#48
2-Nitroaniline
Concen: 3.706 ng
RT: 13.387 min Scan# 1838
Delta R.T. -0.001 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

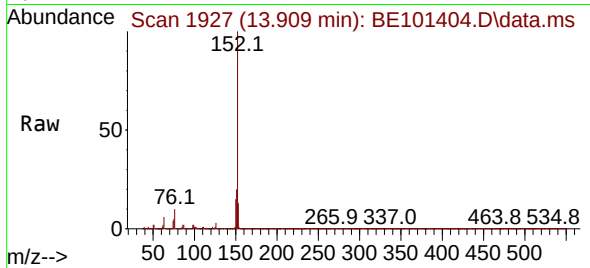
Tgt Ion: 65 Resp: 24326
Ion Ratio Lower Upper
65 100
92 81.3 59.0 88.4
138 121.2 97.4 146.0





#49
Acenaphthylene
Concen: 5.088 ng
RT: 13.909 min Scan# 1927
Delta R.T. -0.007 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

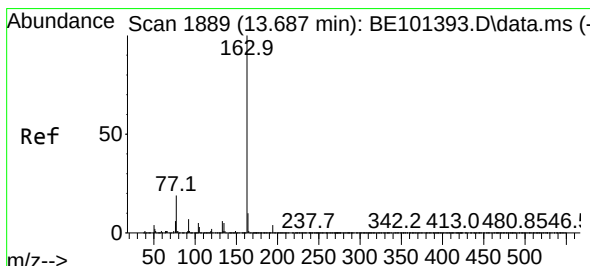
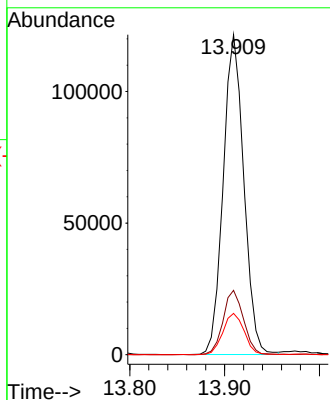
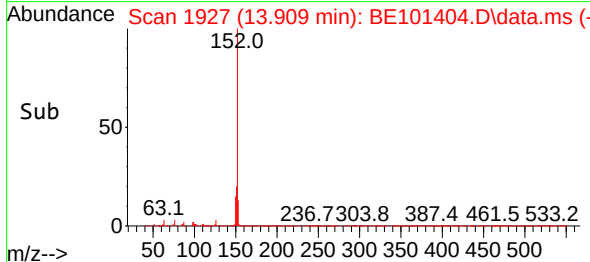
Instrument : BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024



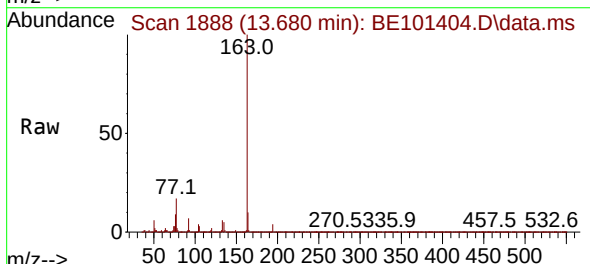
Tgt Ion:152 Resp: 18351
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4
153 12.9 10.5 15.7

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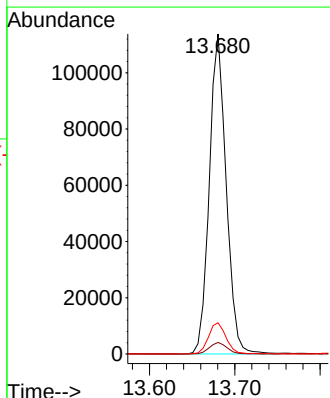
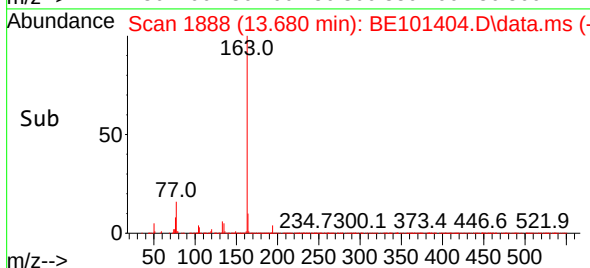
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

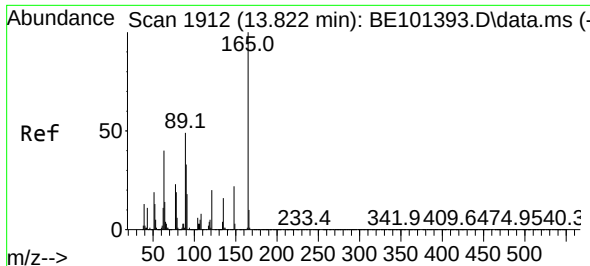


#50
Dimethylphthalate
Concen: 4.929 ng
RT: 13.680 min Scan# 1888
Delta R.T. -0.007 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21



Tgt Ion:163 Resp: 156773
Ion Ratio Lower Upper
163 100
194 3.6 2.9 4.3
164 9.7 8.4 12.6





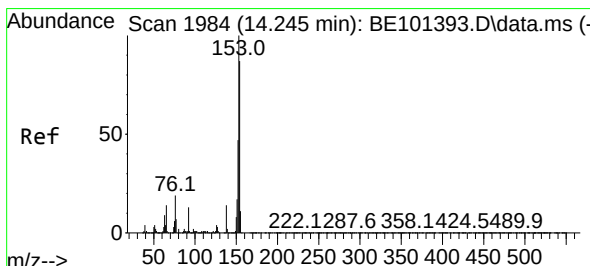
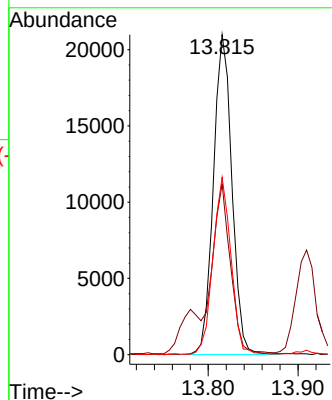
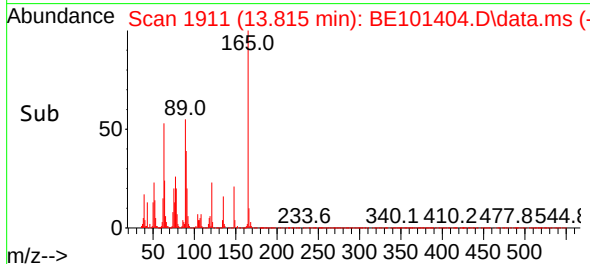
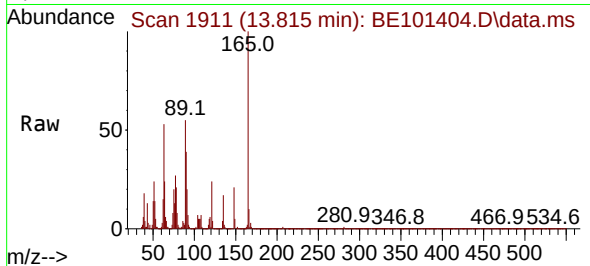
#51
2,6-Dinitrotoluene
Concen: 4.090 ng
RT: 13.815 min Scan# 1911
Delta R.T. -0.007 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

Instrument : BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion:165 Resp: 3003
Ion Ratio Lower Upper
165 100
63 53.3 38.0 57.0
89 55.4 39.5 59.3

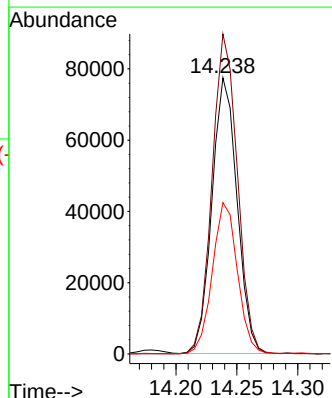
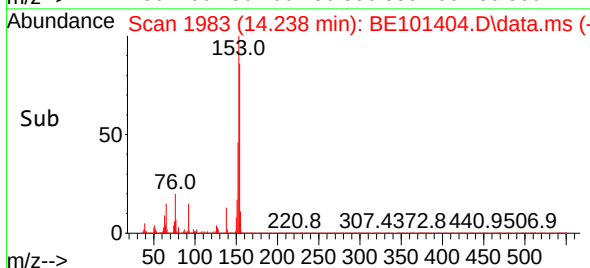
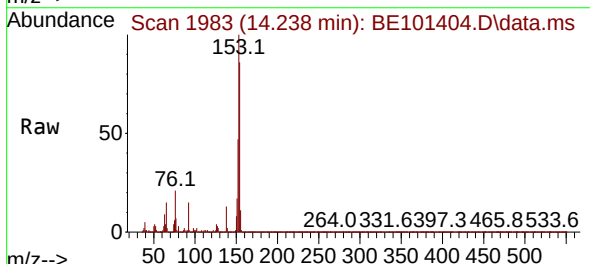
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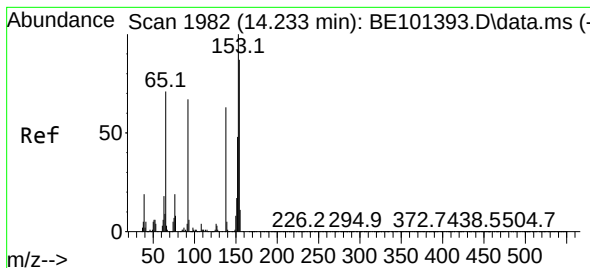
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#52
Acenaphthene
Concen: 4.715 ng
RT: 14.238 min Scan# 1983
Delta R.T. -0.007 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

Tgt Ion:154 Resp: 111066
Ion Ratio Lower Upper
154 100
153 115.9 91.8 137.6
152 54.8 43.1 64.7





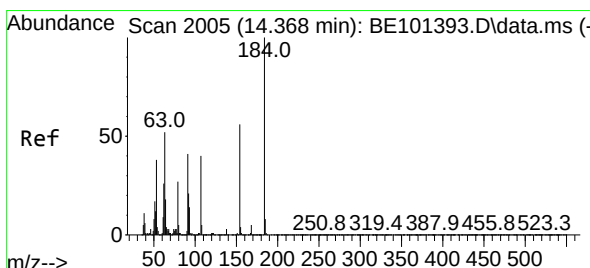
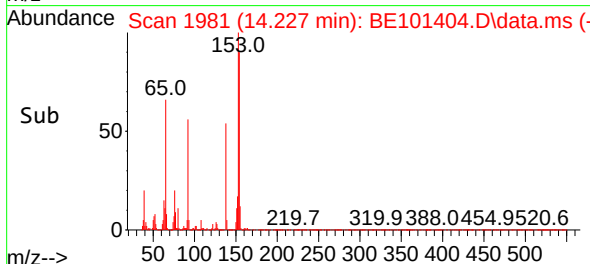
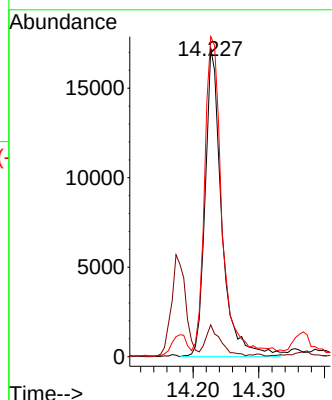
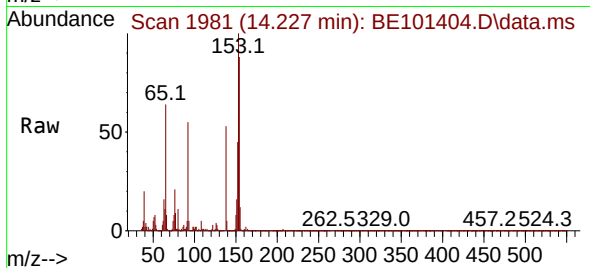
#53
3-Nitroaniline
Concen: 4.170 ng
RT: 14.227 min Scan# 1982
Delta R.T. -0.007 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

Instrument : BNA_E
ClientSampleId : LOQ-WATER-02-QT4-2024

Tgt Ion:138 Resp: 3044
Ion Ratio Lower Upper
138 100
108 10.3 7.1 10.7
92 103.8 84.4 126.6

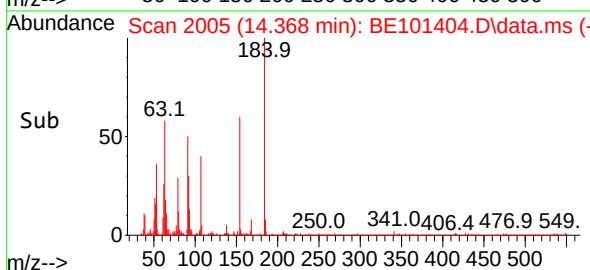
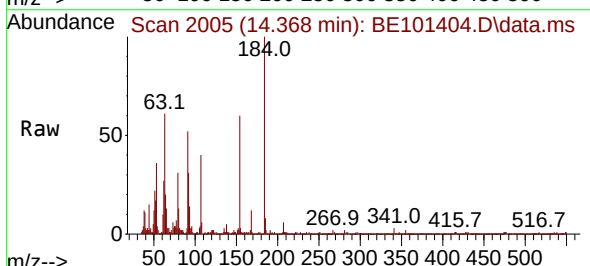
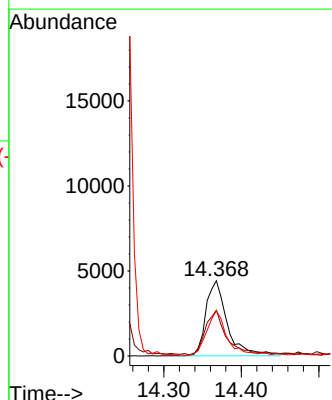
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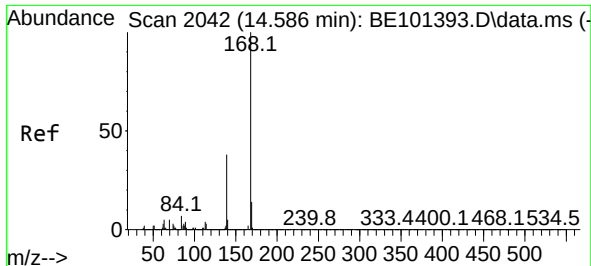
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#54
2,4-Dinitrophenol
Concen: 7.132 ng
RT: 14.368 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

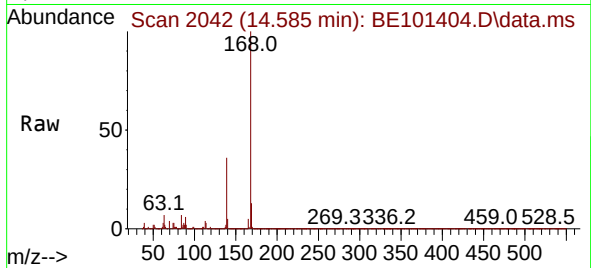
Tgt Ion:184 Resp: 8504
Ion Ratio Lower Upper
184 100
63 60.9 41.8 62.6
154 60.1 44.9 67.3





#55
Dibenzenofuran
Concen: 5.046 ng
RT: 14.585 min Scan# 2042
Delta R.T. -0.001 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

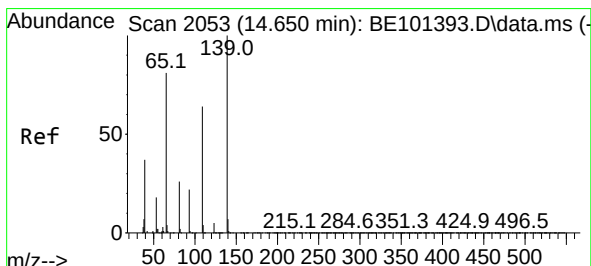
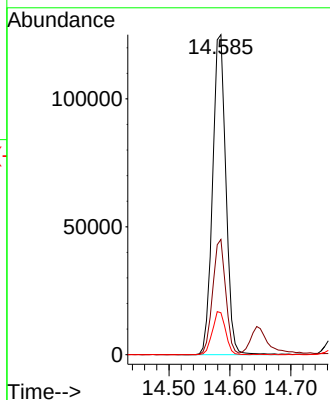
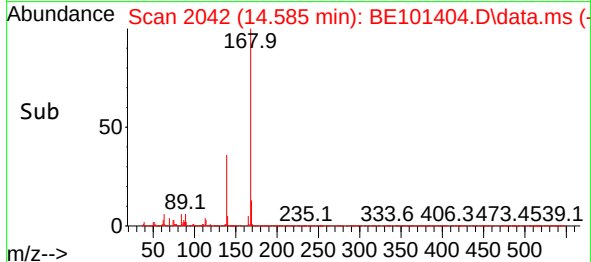
Instrument : BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:168 Resp: 18941
Ion Ratio Lower Upper
168 100
139 36.0 30.2 45.4
169 13.1 11.0 16.4

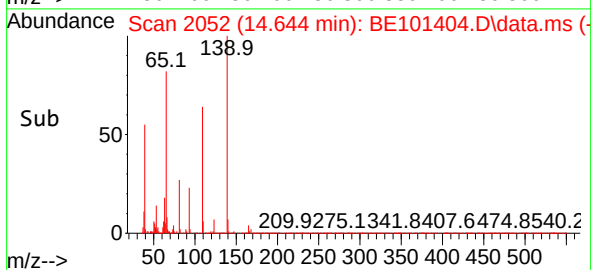
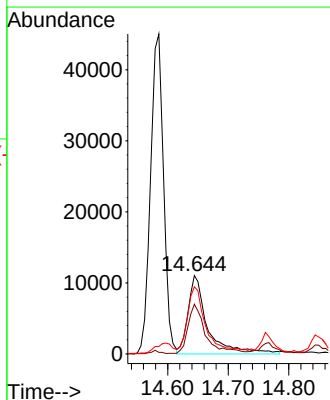
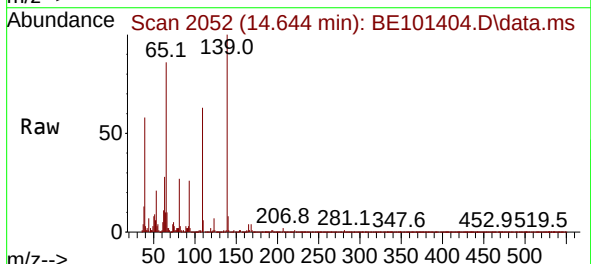
Manual Integrations
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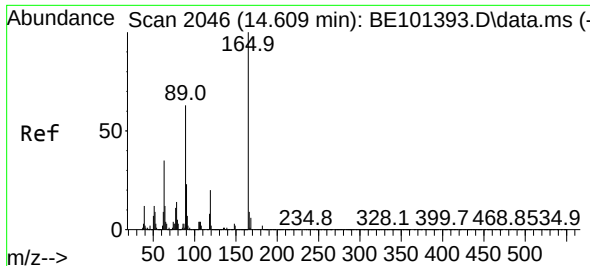
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#56
4-Nitrophenol
Concen: 3.724 ng m
RT: 14.644 min Scan# 2052
Delta R.T. -0.006 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

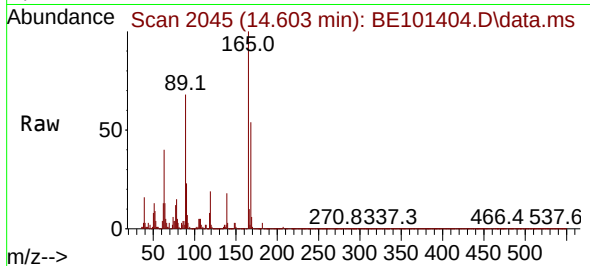
Tgt Ion:139 Resp: 24906
Ion Ratio Lower Upper
139 100
109 63.3 42.4 82.4
65 85.6 63.4 103.4





#57
2,4-Dinitrotoluene
Concen: 3.824 ng
RT: 14.603 min Scan# 2046
Delta R.T. -0.007 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

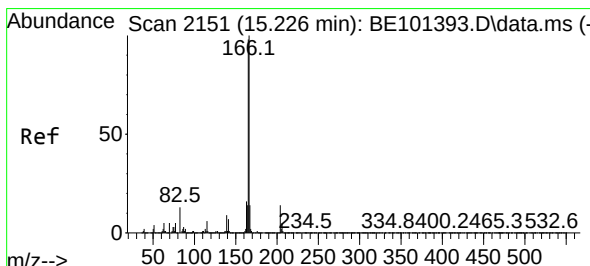
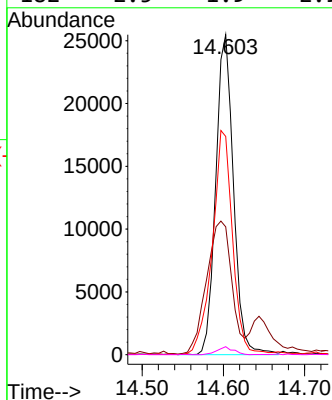
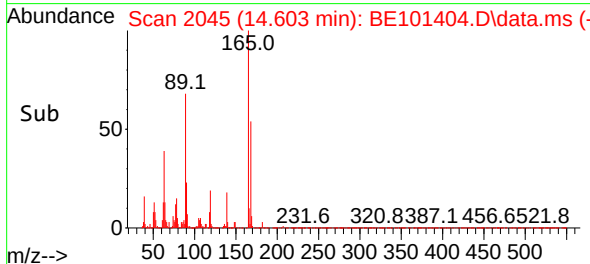
Instrument : BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:165 Resp: 38659
Ion Ratio Lower Upper
165 100
63 40.0 28.6 42.8
89 68.2 50.8 76.2
182 2.5 1.9 2.9

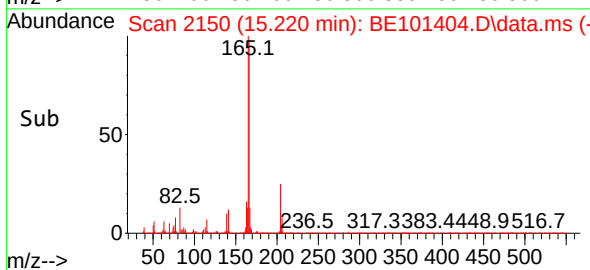
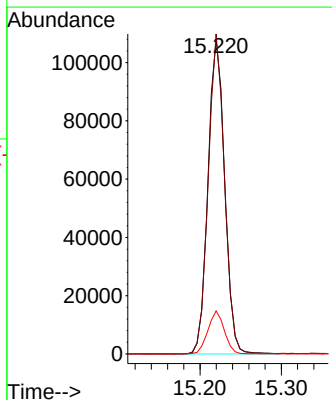
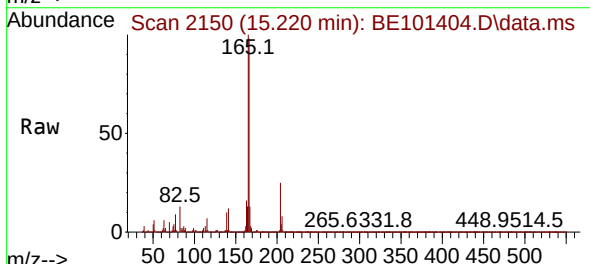
Manual Integrations
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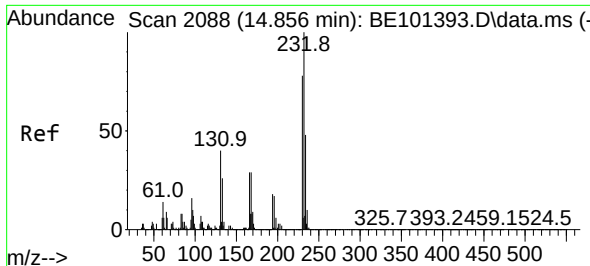
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#58
Fluorene
Concen: 4.889 ng
RT: 15.220 min Scan# 2150
Delta R.T. -0.007 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

Tgt Ion:166 Resp: 153527
Ion Ratio Lower Upper
166 100
165 101.7 78.7 118.1
167 13.7 11.0 16.4





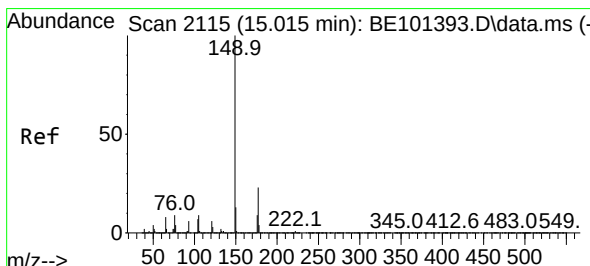
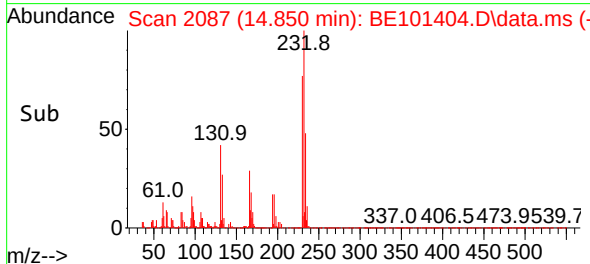
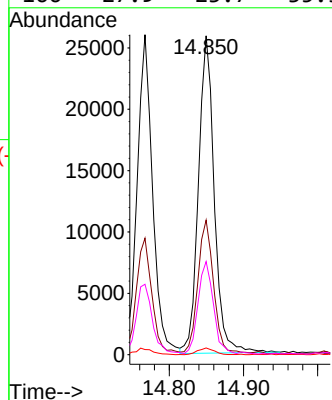
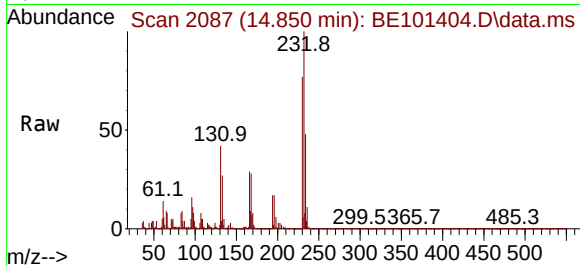
#59
2,3,4,6-Tetrachlorophenol
Concen: 4.638 ng
RT: 14.850 min Scan# 2088
Delta R.T. -0.007 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

Instrument : BNA_E
ClientSampleId : LOQ-WATER-02-QT4-2024

Tgt Ion:232 Resp: 3827
Ion Ratio Lower Upper
232 100
131 41.2 33.5 50.3
130 2.2 1.6 2.4
166 27.9 23.7 35.5

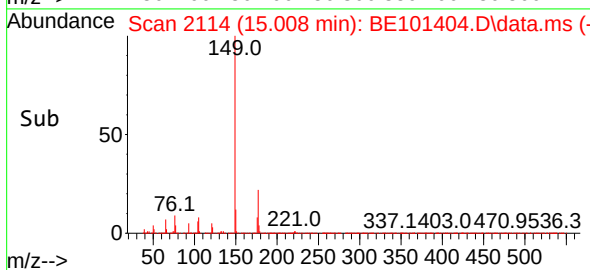
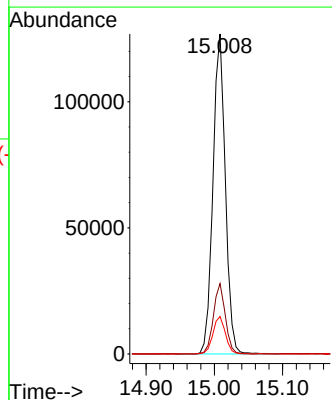
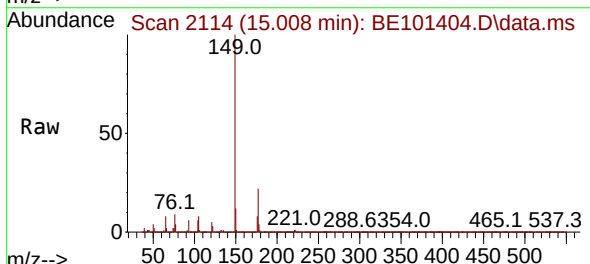
Manual Integrations
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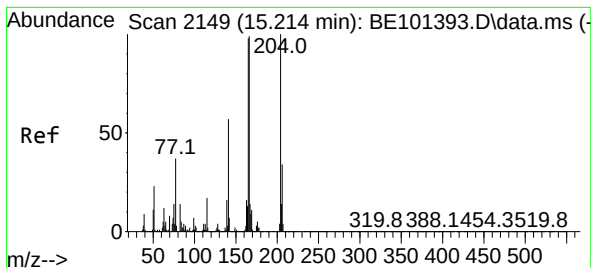
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#60
Diethylphthalate
Concen: 4.811 ng
RT: 15.008 min Scan# 2114
Delta R.T. -0.007 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

Tgt Ion:149 Resp: 160082
Ion Ratio Lower Upper
149 100
177 22.0 18.0 27.0
150 11.7 10.3 15.5





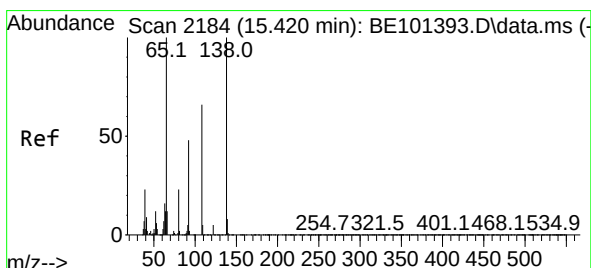
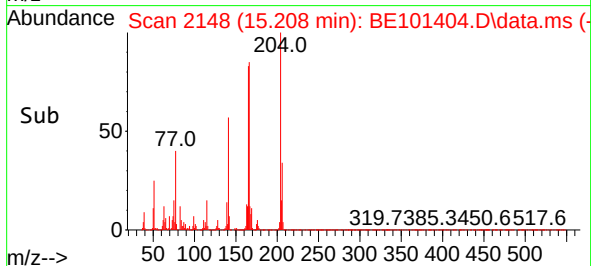
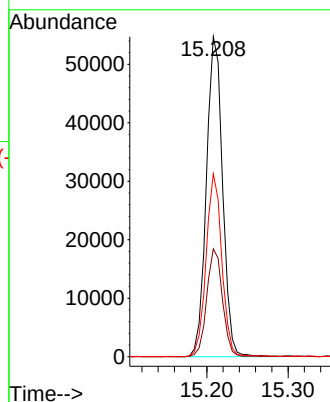
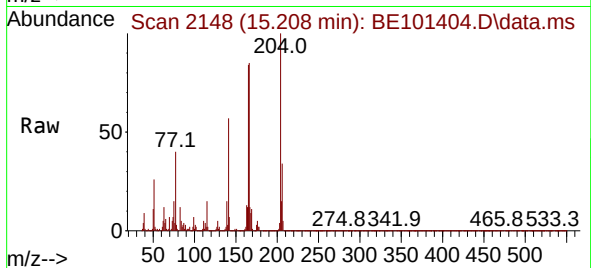
#61
4-Chlorophenyl-phenylether
Concen: 4.851 ng
RT: 15.208 min Scan# 2148
Delta R.T. -0.007 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

Instrument : BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion:204 Resp: 75599
Ion Ratio Lower Upper
204 100
206 33.7 26.9 40.3
141 57.2 45.9 68.9

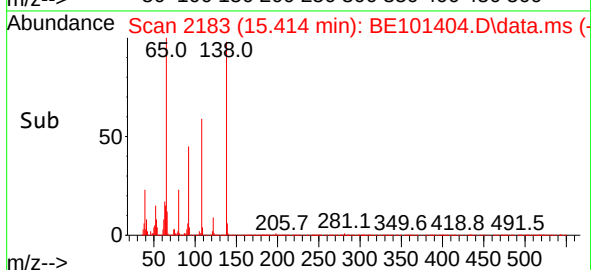
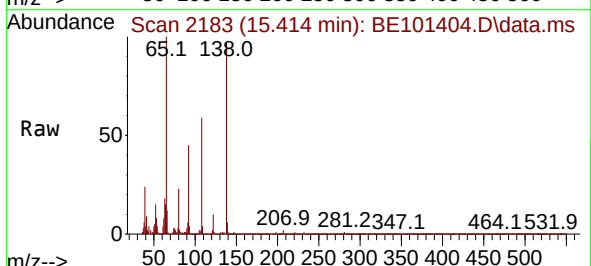
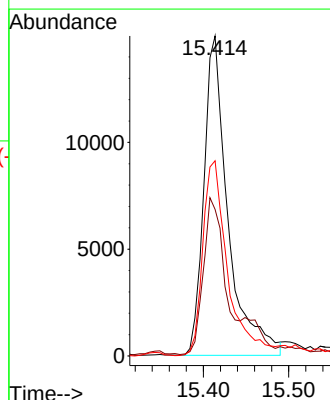
Manual Integrations
APPROVED

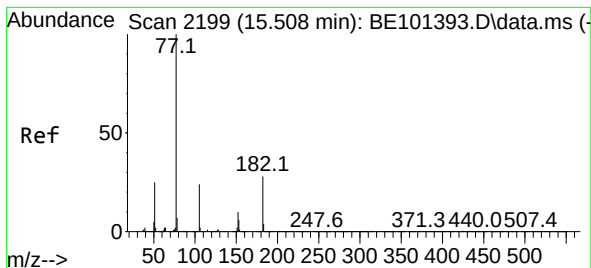
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#62
4-Nitroaniline
Concen: 3.618 ng
RT: 15.414 min Scan# 2183
Delta R.T. -0.007 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

Tgt Ion:138 Resp: 29400
Ion Ratio Lower Upper
138 100
92 45.8 28.7 68.7
108 61.0 46.5 86.5





#63

Azobenzene

Concen: 4.819 ng

RT: 15.502 min Scan# 2199

Delta R.T. -0.007 min

Lab File: BE101404.D

Acq: 29 Oct 2024 13:21

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion: 77 Resp: 137820

Ion Ratio Lower Upper

77 100

182 24.6 7.6 47.6

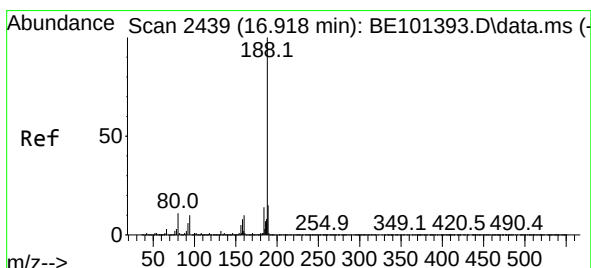
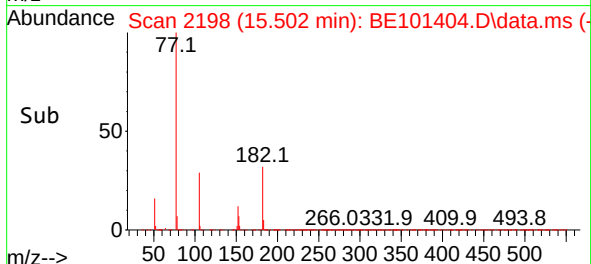
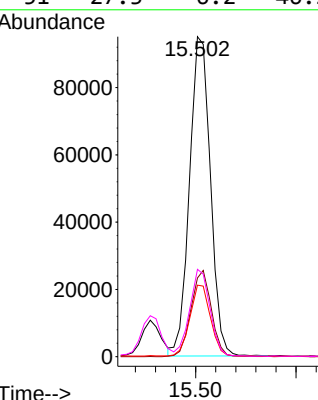
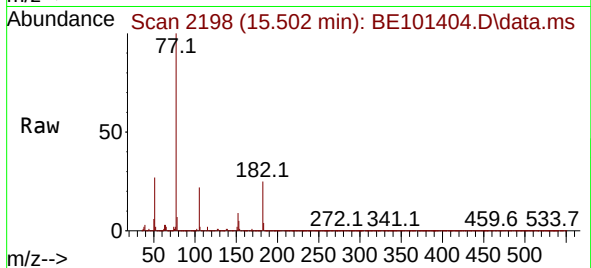
105 22.3 3.2 43.2

51 27.3 6.2 46.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.912 min Scan# 2438

Delta R.T. -0.007 min

Lab File: BE101404.D

Acq: 29 Oct 2024 13:21

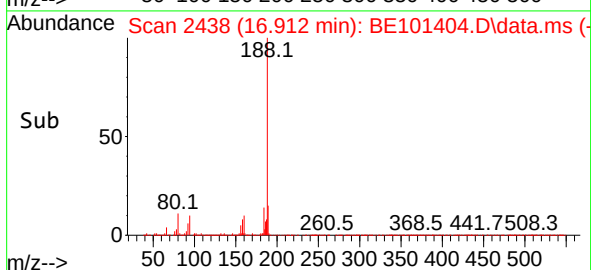
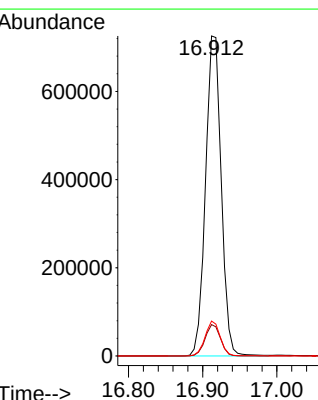
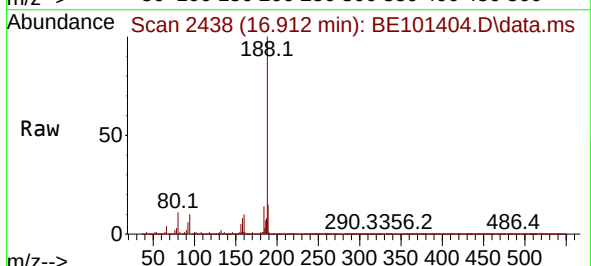
Tgt Ion:188 Resp: 1065553

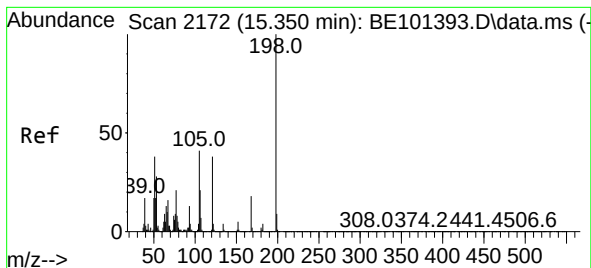
Ion Ratio Lower Upper

188 100

94 9.8 7.8 11.8

80 10.9 8.6 12.8





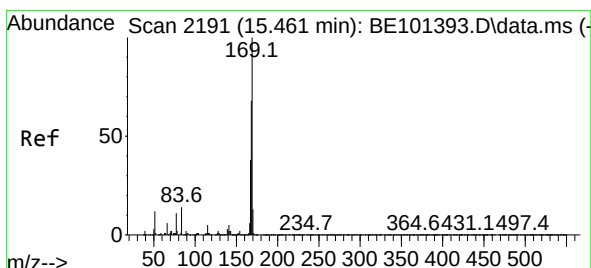
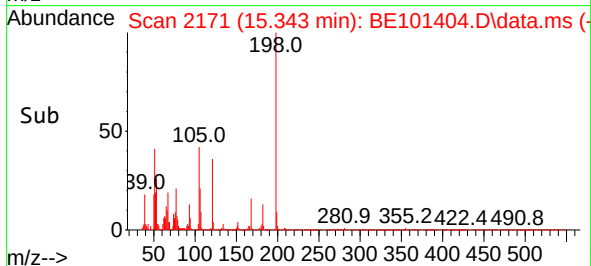
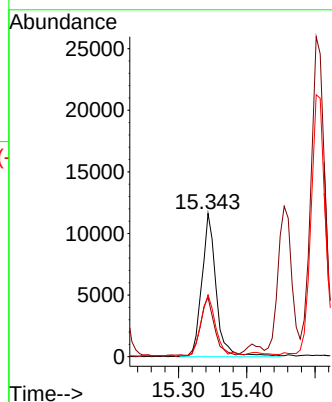
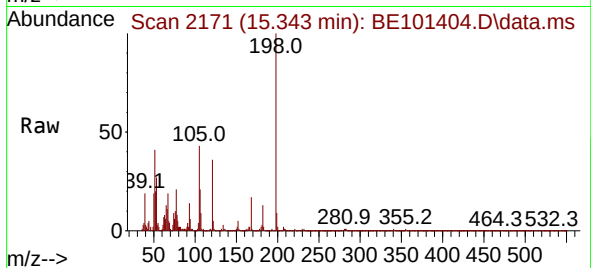
#65
4,6-Dinitro-2-methylphenol
Concen: 2.700 ng
RT: 15.343 min Scan# 2172
Delta R.T. -0.007 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

Instrument : BNA_E
ClientSampleId : LOQ-WATER-02-QT4-2024

Tgt Ion:198 Resp: 16904
Ion Ratio Lower Upper
198 100
51 41.3 18.2 58.2
105 43.2 21.5 61.5

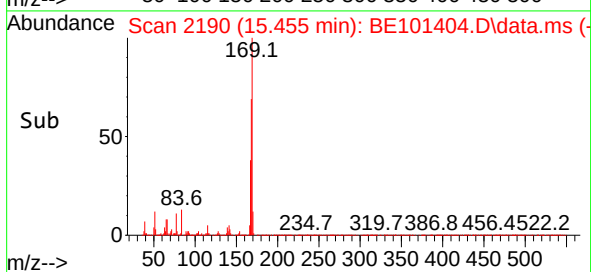
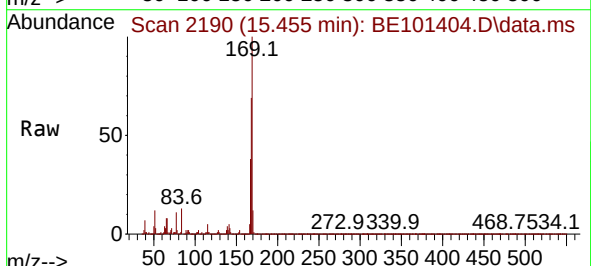
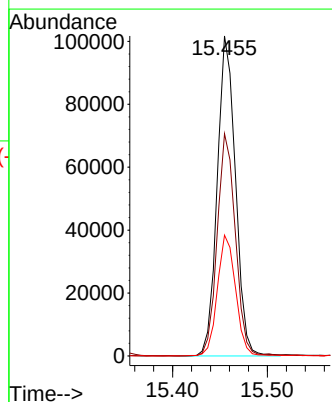
Manual Integrations
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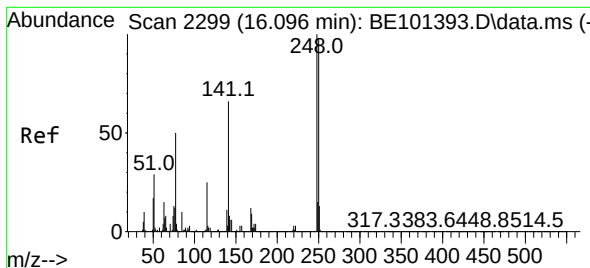
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#66
n-Nitrosodiphenylamine
Concen: 4.822 ng
RT: 15.455 min Scan# 2190
Delta R.T. -0.007 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

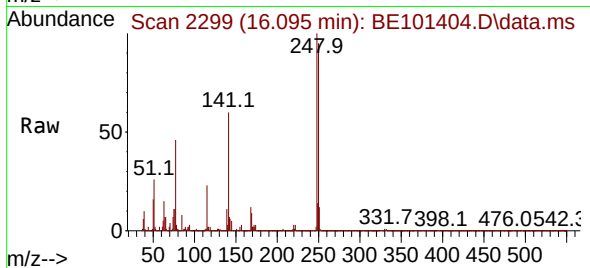
Tgt Ion:169 Resp: 136251
Ion Ratio Lower Upper
169 100
168 69.4 54.5 81.7
167 37.7 30.4 45.6





#67
4-Bromophenyl-phenylether
Concen: 4.606 ng
RT: 16.095 min Scan# 2299
Delta R.T. -0.001 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

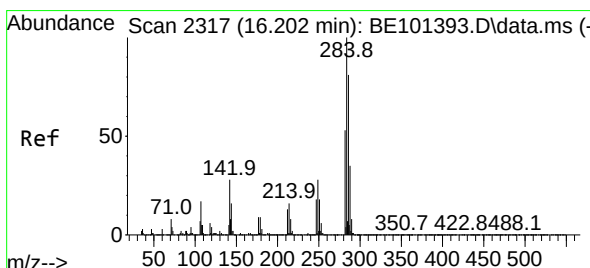
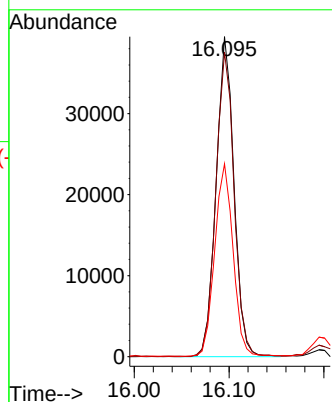
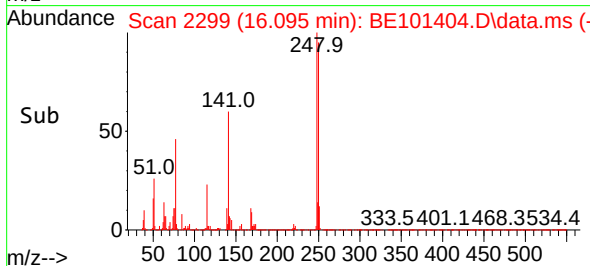
Instrument : BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024



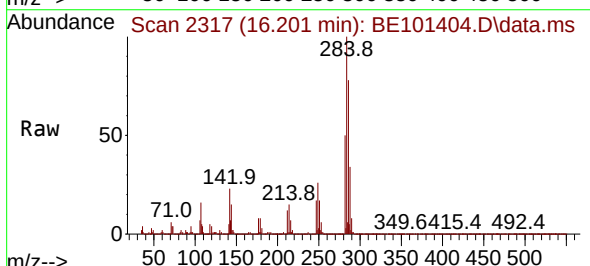
Tgt Ion:248 Resp: 51629
Ion Ratio Lower Upper
248 100
250 95.1 78.2 117.2
141 60.3 53.0 79.4

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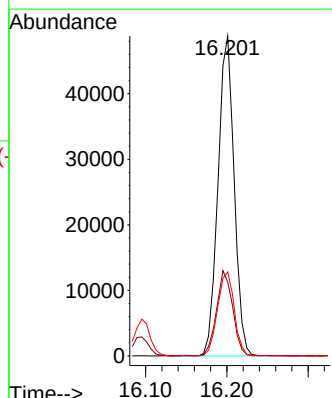
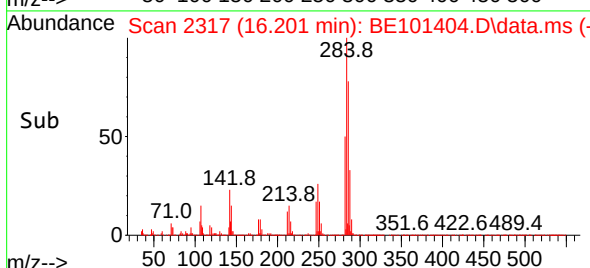
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

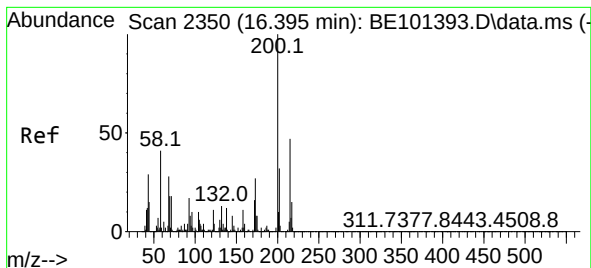


#68
Hexachlorobenzene
Concen: 4.598 ng
RT: 16.201 min Scan# 2317
Delta R.T. -0.001 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21



Tgt Ion:284 Resp: 67560
Ion Ratio Lower Upper
284 100
142 23.1 22.2 33.2
249 26.3 22.8 34.2





#69

Atrazine

Concen: 5.505 ng

RT: 16.389 min Scan# 21

Delta R.T. -0.006 min

Lab File: BE101404.D

Acq: 29 Oct 2024 13:21

Instrument :

BNA_E

ClientSampleId :

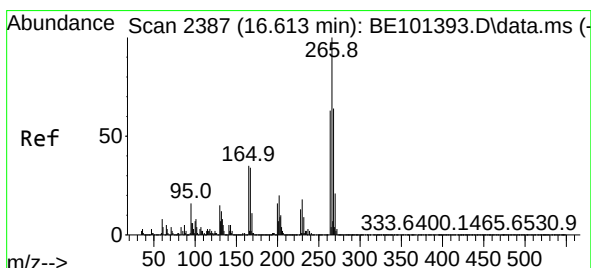
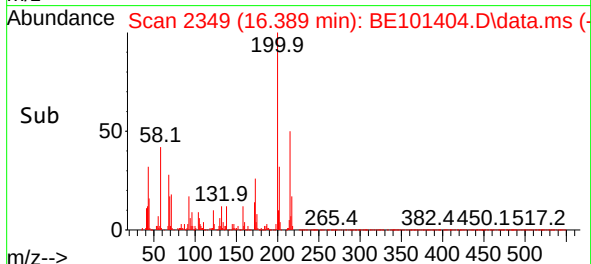
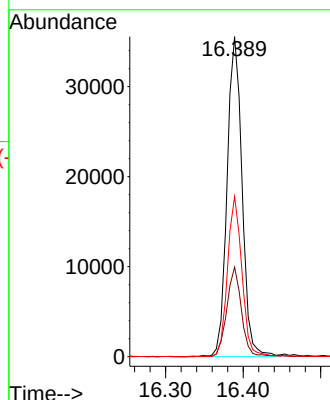
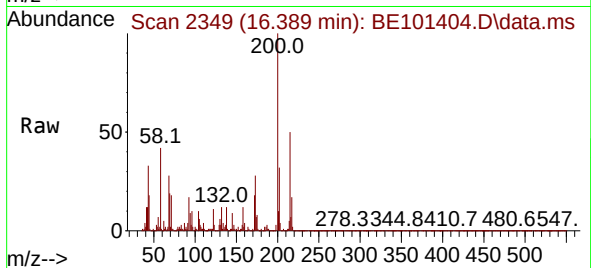
LOQ-WATER-02-QT4-2024

Tgt Ion:200 Resp: 47689
 Ion Ratio Lower Upper
 200 100
 173 28.0 7.0 47.0
 215 50.0 27.3 67.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 10/30/2024
 Supervised By :mohammad ahmed 11/04/2024



#70

Pentachlorophenol

Concen: 3.216 ng

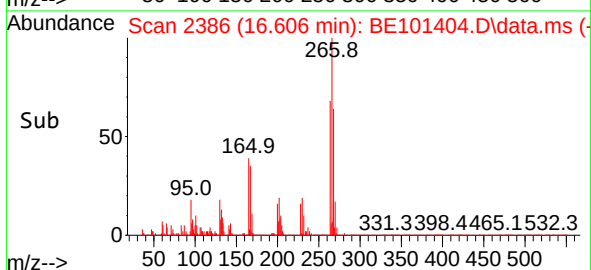
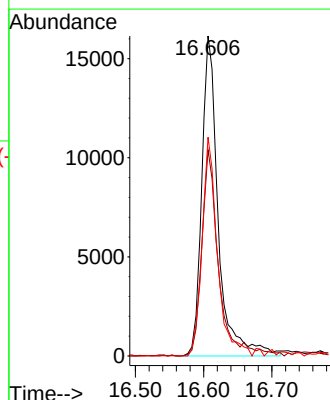
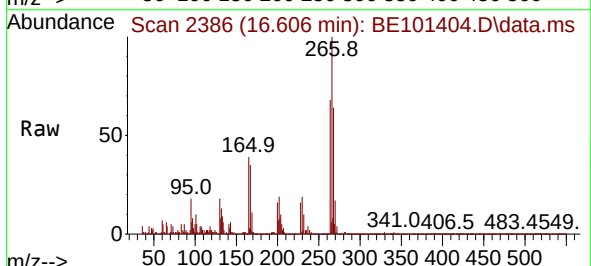
RT: 16.606 min Scan# 2386

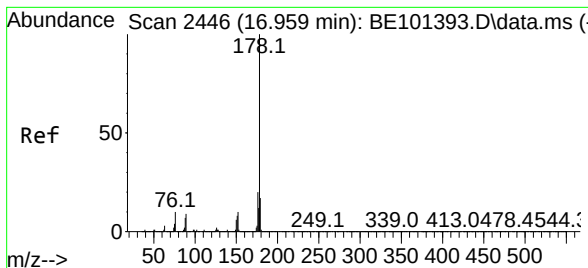
Delta R.T. -0.007 min

Lab File: BE101404.D

Acq: 29 Oct 2024 13:21

Tgt Ion:266 Resp: 27196
 Ion Ratio Lower Upper
 266 100
 268 64.4 51.5 77.3
 264 68.4 50.7 76.1





#71

Phenanthrene

Concen: 5.195 ng

RT: 16.953 min Scan# 2446

Delta R.T. -0.007 min

Lab File: BE101404.D

Acq: 29 Oct 2024 13:21

Instrument :

BNA_E

ClientSampleId :

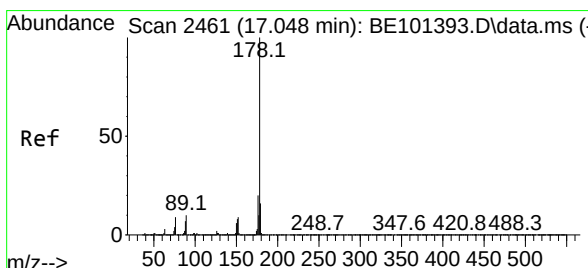
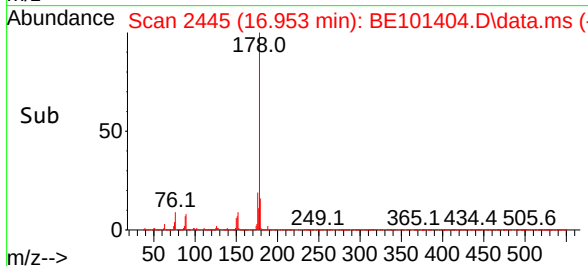
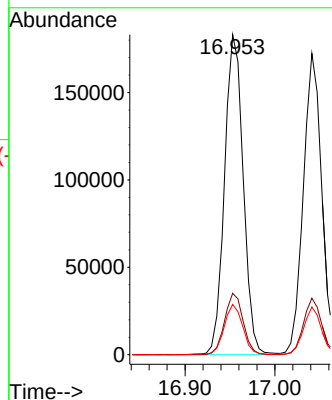
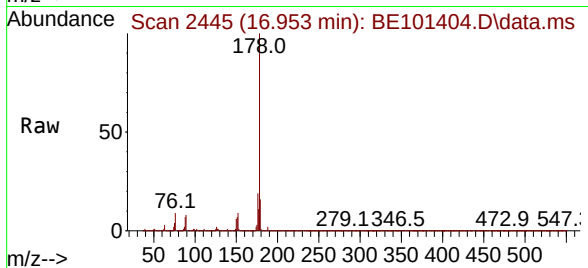
LOQ-WATER-02-QT4-2024

Tgt Ion:178	Resp: 265034
Ion Ratio	Lower Upper
178 100	
176 19.2	16.4 24.6
179 15.7	13.2 19.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#72

Anthracene

Concen: 5.052 ng

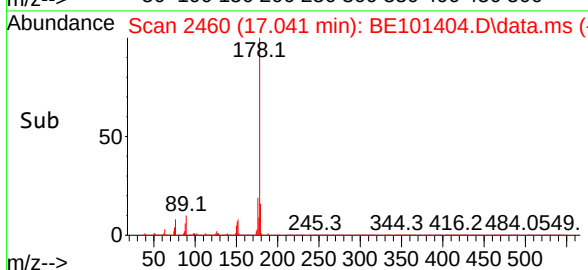
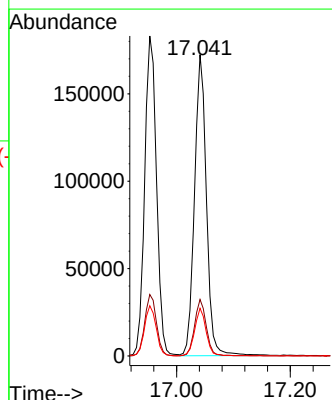
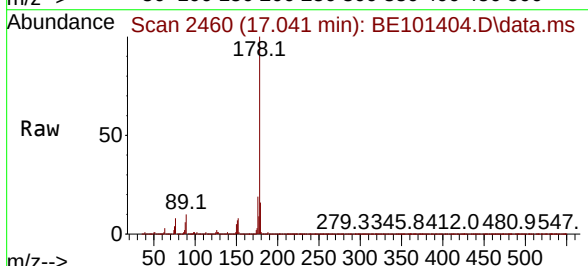
RT: 17.041 min Scan# 2460

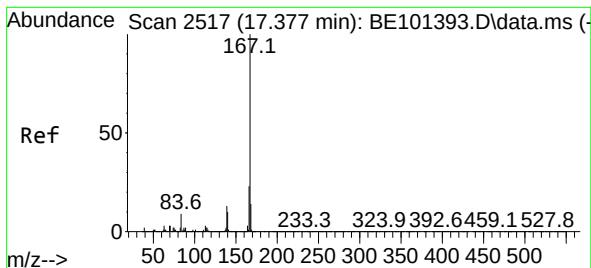
Delta R.T. -0.007 min

Lab File: BE101404.D

Acq: 29 Oct 2024 13:21

Tgt Ion:178	Resp: 251648
Ion Ratio	Lower Upper
178 100	
176 18.8	15.9 23.9
179 15.8	13.1 19.7





#73

Carbazole

Concen: 4.816 ng

RT: 17.370 min Scan# 2517

Delta R.T. -0.007 min

Lab File: BE101404.D

Acq: 29 Oct 2024 13:21

Instrument :

BNA_E

ClientSampleId :

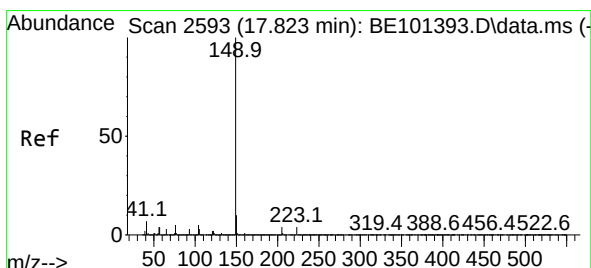
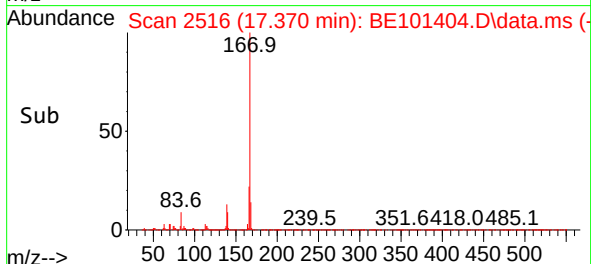
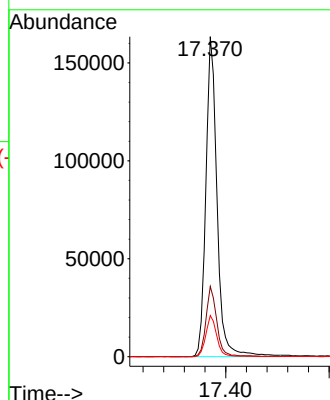
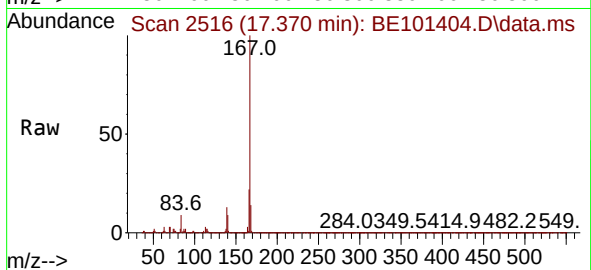
LOQ-WATER-02-QT4-2024

Tgt Ion:167	Resp: 245474
Ion Ratio	Lower Upper
167 100	
166 22.0	18.3 27.5
139 12.8	10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#74

Di-n-butylphthalate

Concen: 4.631 ng

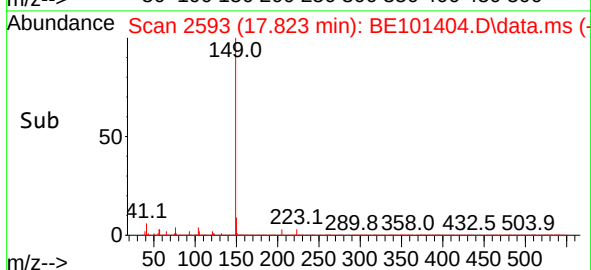
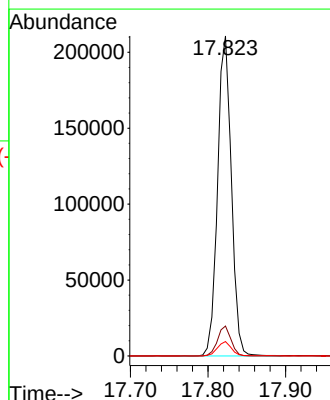
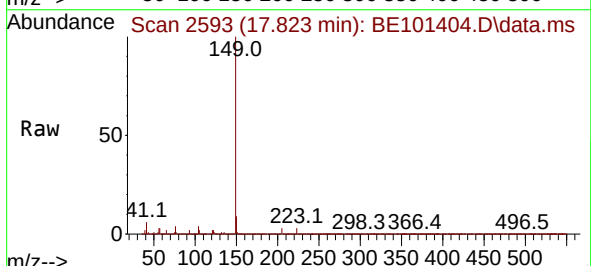
RT: 17.823 min Scan# 2593

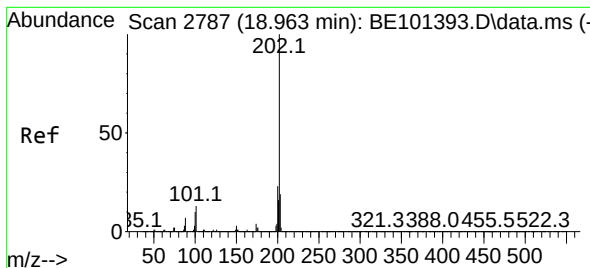
Delta R.T. -0.001 min

Lab File: BE101404.D

Acq: 29 Oct 2024 13:21

Tgt Ion:149	Resp: 259841
Ion Ratio	Lower Upper
149 100	
150 9.4	8.2 12.4
104 4.5	3.9 5.9





#75

Fluoranthene

Concen: 5.073 ng

RT: 18.956 min Scan# 21

Delta R.T. -0.007 min

Lab File: BE101404.D

Acq: 29 Oct 2024 13:21

Instrument :

BNA_E

ClientSampleId :

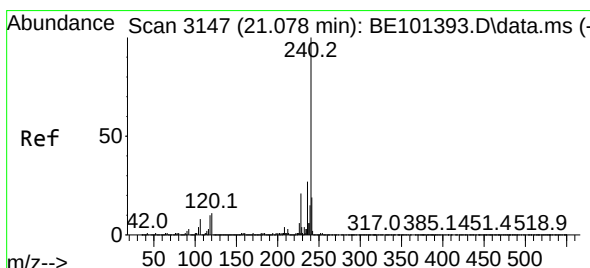
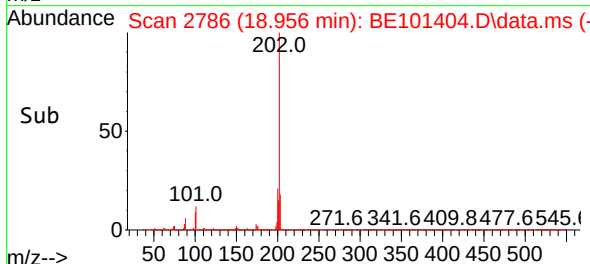
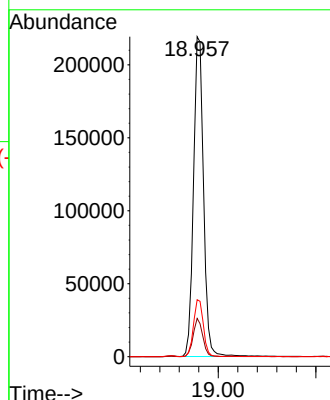
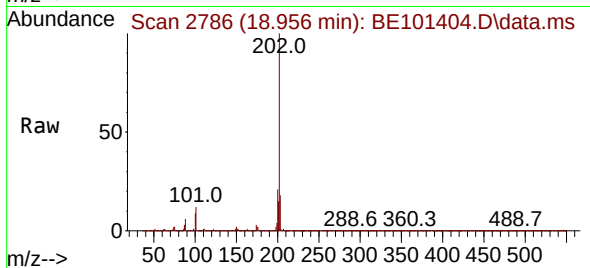
LOQ-WATER-02-QT4-2024

Tgt Ion:	202	Resp:	31433
Ion Ratio	Lower	Upper	
202	100		
101	12.0	0.0	33.3
203	17.8	0.0	39.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#76

Chrysene-d12

Concen: 20.000 ng

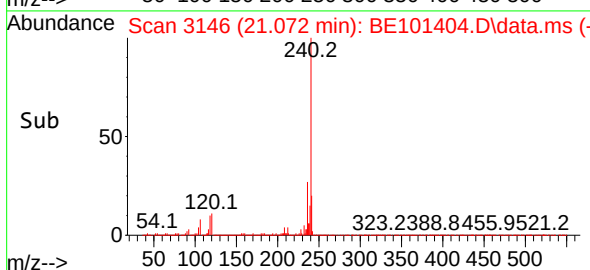
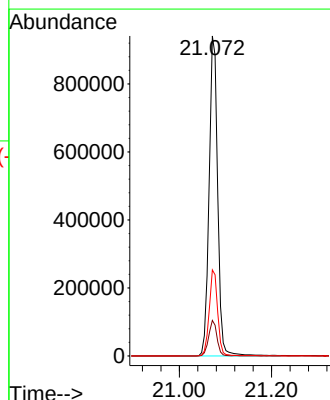
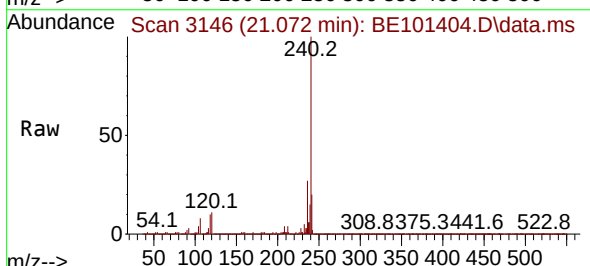
RT: 21.072 min Scan# 3146

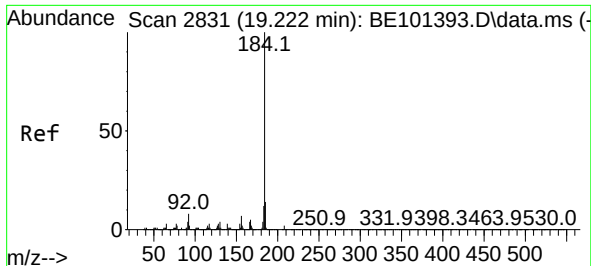
Delta R.T. -0.007 min

Lab File: BE101404.D

Acq: 29 Oct 2024 13:21

Tgt Ion:	240	Resp:	1222788
Ion Ratio	Lower	Upper	
240	100		
120	11.1	9.0	13.4
236	26.9	21.4	32.0





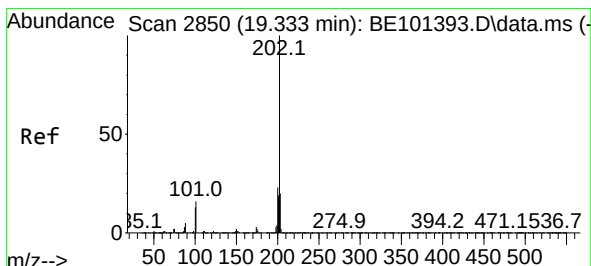
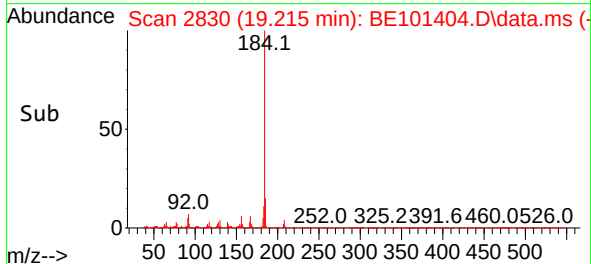
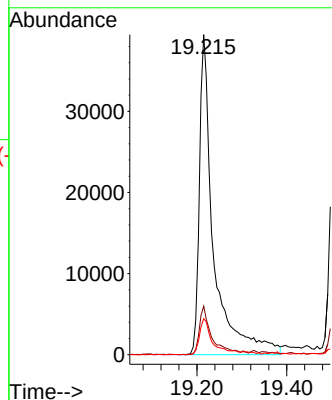
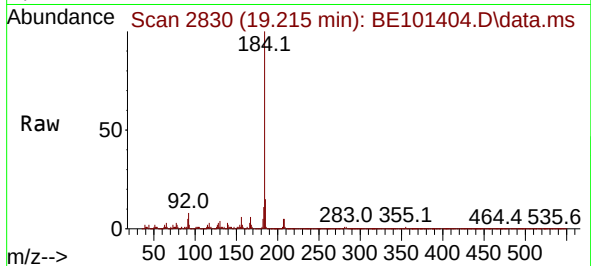
#77
Benzidine
Concen: 5.581 ng
RT: 19.215 min Scan# 2830
Delta R.T. -0.007 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

Instrument : BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion:184 Resp: 8661
Ion Ratio Lower Upper
184 100
185 15.2 11.5 17.3
183 11.2 9.3 13.9

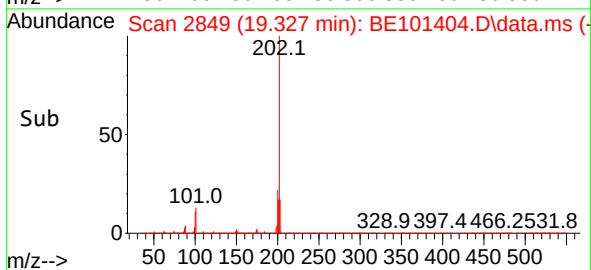
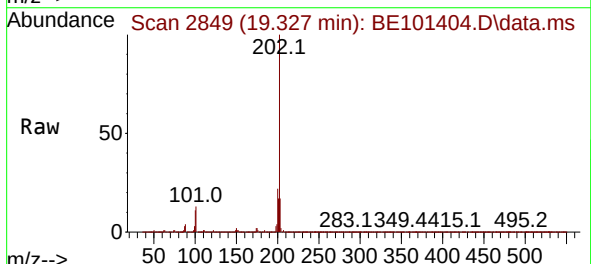
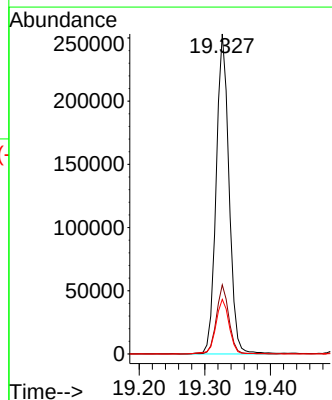
Manual Integrations
APPROVED

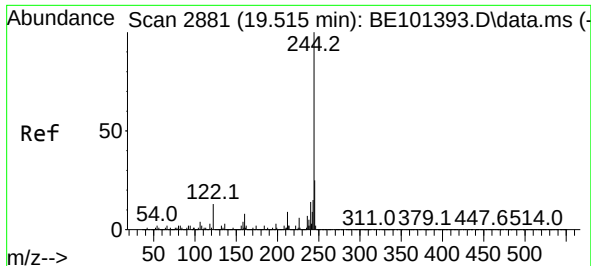
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#78
Pyrene
Concen: 5.102 ng
RT: 19.327 min Scan# 2849
Delta R.T. -0.007 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

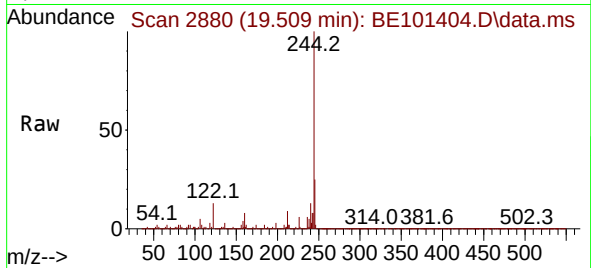
Tgt Ion:202 Resp: 343112
Ion Ratio Lower Upper
202 100
200 21.6 18.6 28.0
203 17.1 15.6 23.4





#79
 Terphenyl-d14
 Concen: 73.461 ng
 RT: 19.509 min Scan# 2880
 Delta R.T. -0.006 min
 Lab File: BE101404.D
 Acq: 29 Oct 2024 13:21

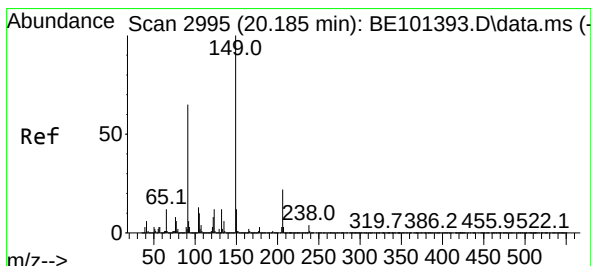
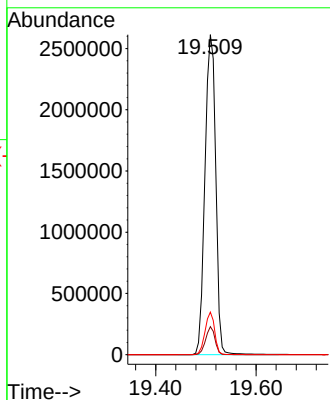
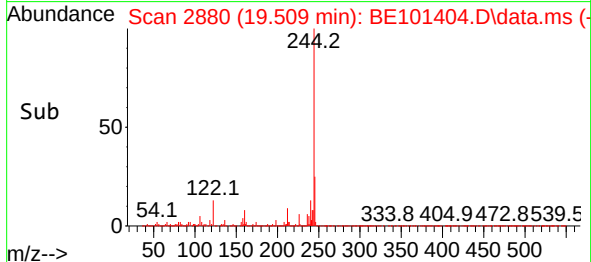
Instrument : BNA_E
 ClientSampleId :
 LOQ-WATER-02-QT4-2024



Tgt Ion:244 Resp: 3902870
 Ion Ratio Lower Upper
 244 100
 212 8.8 7.2 10.8
 122 13.3 10.4 15.6

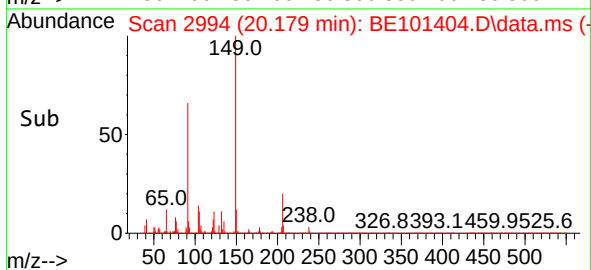
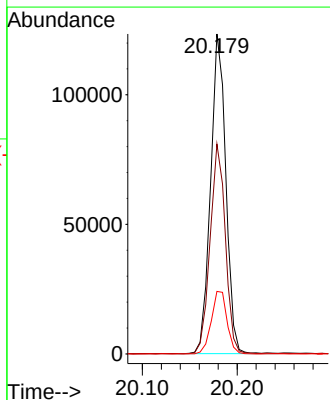
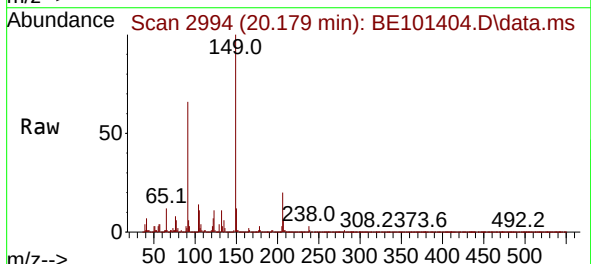
Manual Integrations
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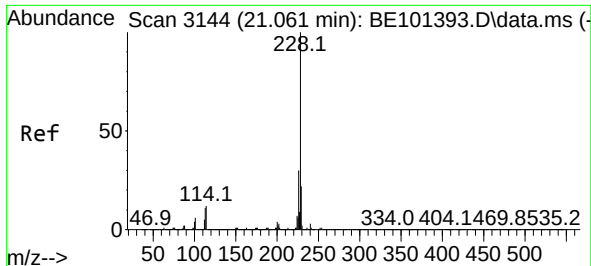
Reviewed By :Jagrut Upadhyay 10/30/2024
 Supervised By :mohammad ahmed 11/04/2024



#80
 Butylbenzylphthalate
 Concen: 4.659 ng
 RT: 20.179 min Scan# 2994
 Delta R.T. -0.007 min
 Lab File: BE101404.D
 Acq: 29 Oct 2024 13:21

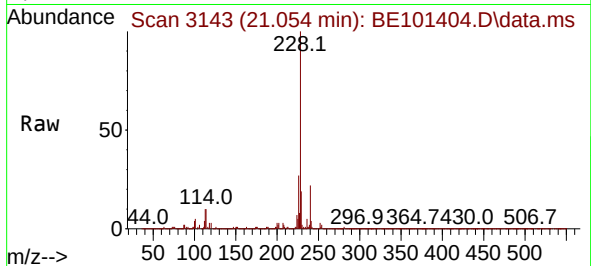
Tgt Ion:149 Resp: 137344
 Ion Ratio Lower Upper
 149 100
 91 65.6 51.8 77.8
 206 19.6 17.4 26.2





#81
Benzo(a)anthracene
Concen: 5.394 ng
RT: 21.054 min Scan# 3143
Delta R.T. -0.007 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

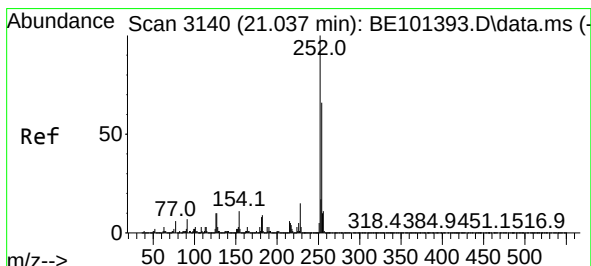
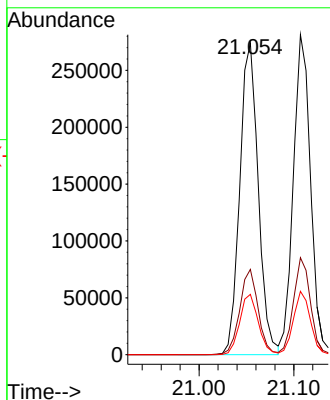
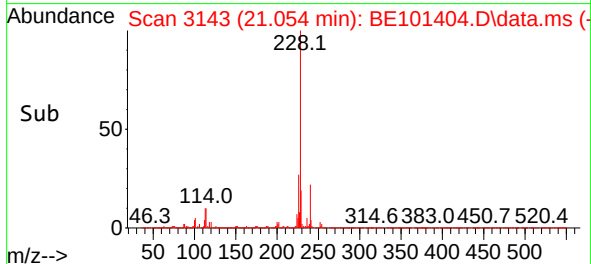
Instrument : BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024



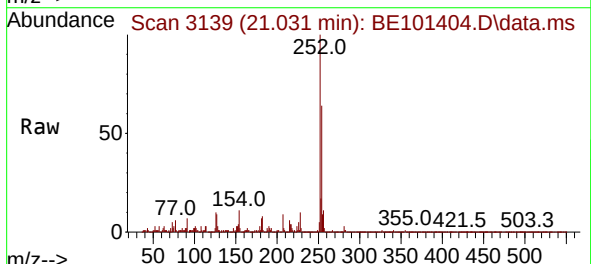
Tgt Ion:228 Resp: 37075
Ion Ratio Lower Upper
228 100
226 27.4 24.1 36.1
229 19.3 17.3 25.9

Manual Integrations
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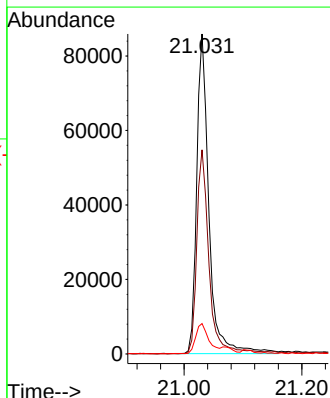
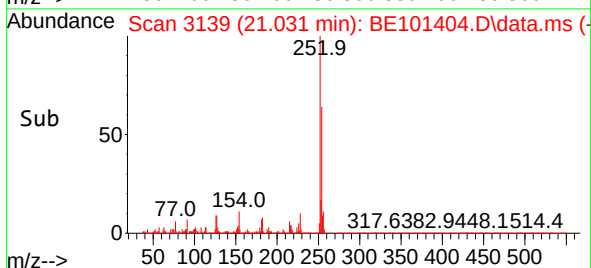
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

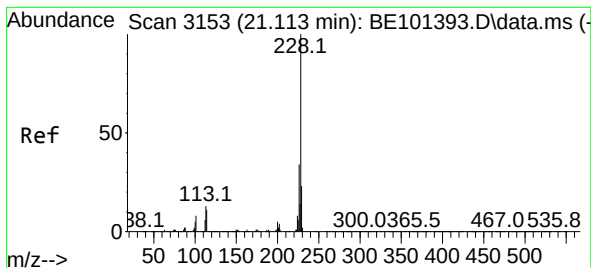


#82
3,3'-Dichlorobenzidine
Concen: 4.579 ng
RT: 21.031 min Scan# 3139
Delta R.T. -0.007 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21



Tgt Ion:252 Resp: 123276
Ion Ratio Lower Upper
252 100
254 63.8 52.6 78.8
126 9.5 7.7 11.5





#83

Chrysene

Concen: 5.355 ng

RT: 21.107 min Scan# 3152

Delta R.T. -0.007 min

Lab File: BE101404.D

Acq: 29 Oct 2024 13:21

Instrument :

BNA_E

ClientSampleId :

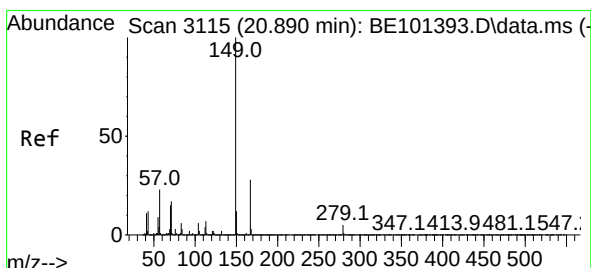
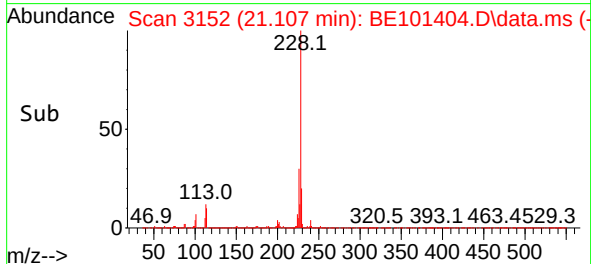
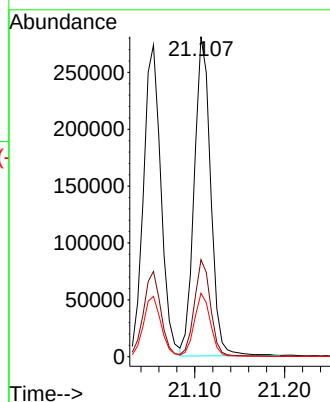
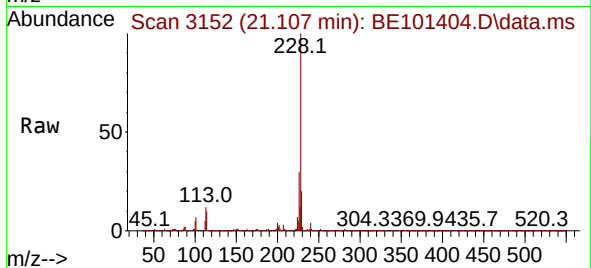
LOQ-WATER-02-QT4-2024

Tgt Ion:	228	Resp:	355819
Ion Ratio	Lower	Upper	
228	100		
226	30.3	27.2	40.8
229	19.8	18.0	27.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.593 ng

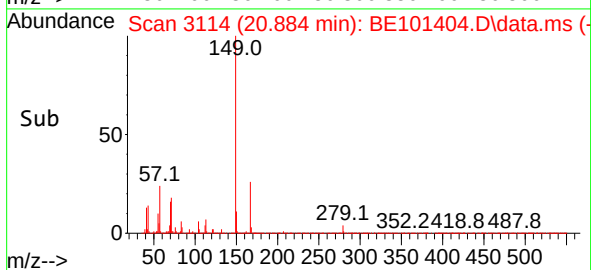
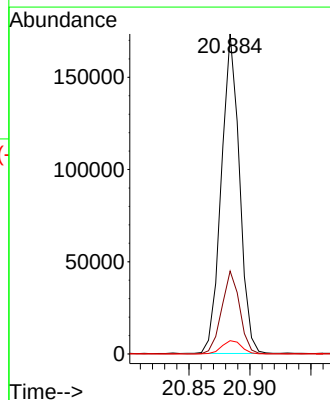
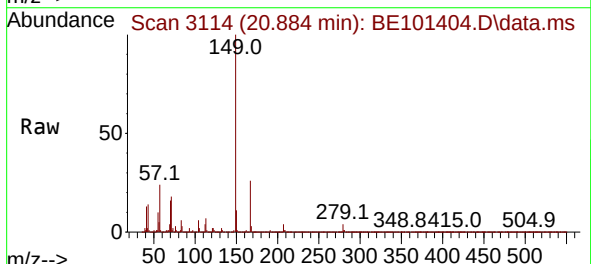
RT: 20.884 min Scan# 3114

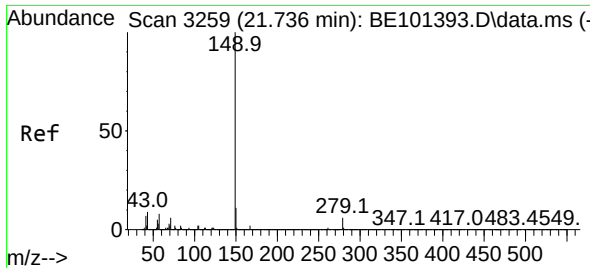
Delta R.T. -0.007 min

Lab File: BE101404.D

Acq: 29 Oct 2024 13:21

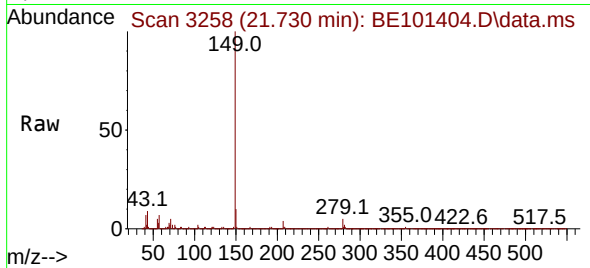
Tgt Ion:	149	Resp:	179884
Ion Ratio	Lower	Upper	
149	100		
167	25.9	22.7	34.1
279	4.2	4.3	6.5





#85
Di-n-octyl phthalate
Concen: 4.808 ng
RT: 21.730 min Scan# 31
Delta R.T. -0.007 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

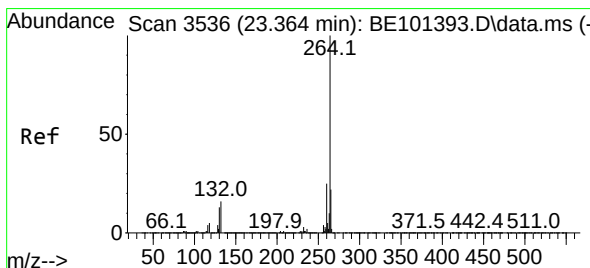
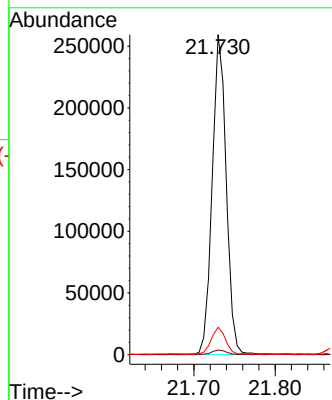
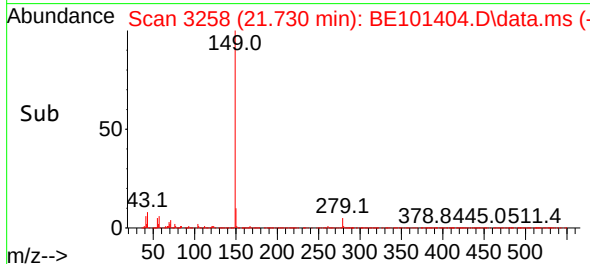
Instrument : BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:149 Resp: 30906
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 8.6 7.0 10.4

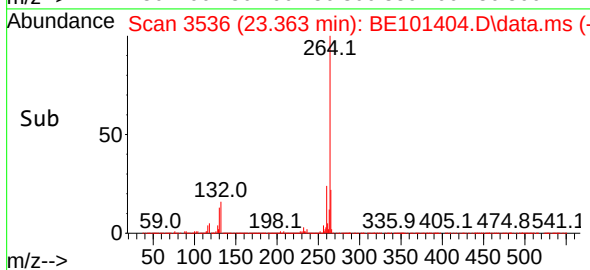
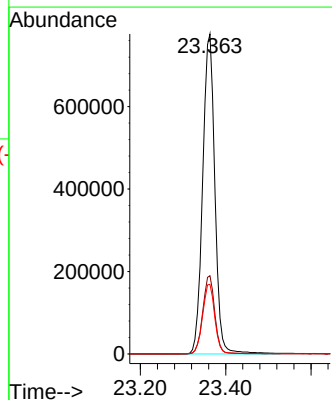
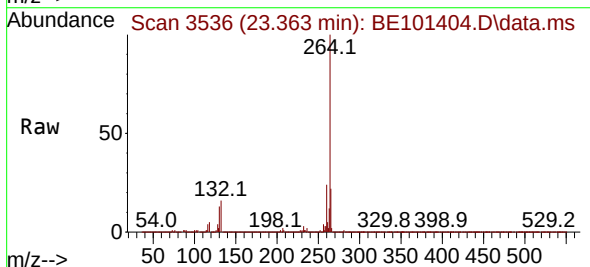
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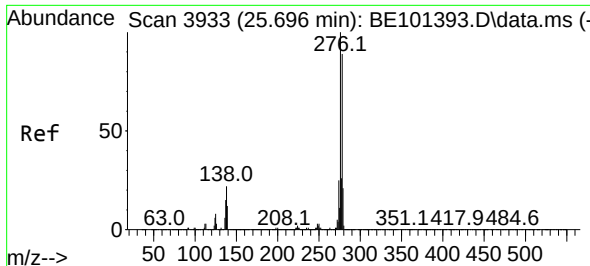
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.363 min Scan# 3536
Delta R.T. -0.001 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

Tgt Ion:264 Resp: 1537565
Ion Ratio Lower Upper
264 100
260 24.5 19.8 29.8
265 21.7 17.6 26.4





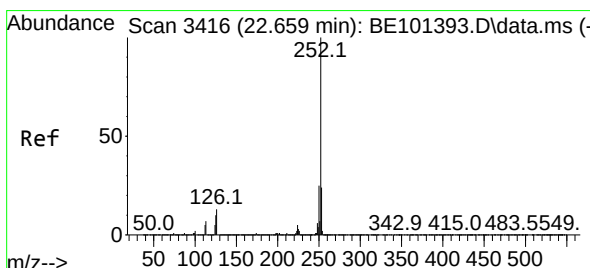
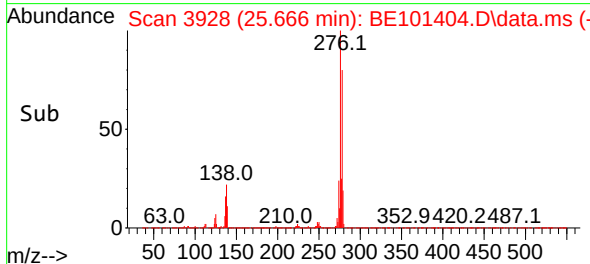
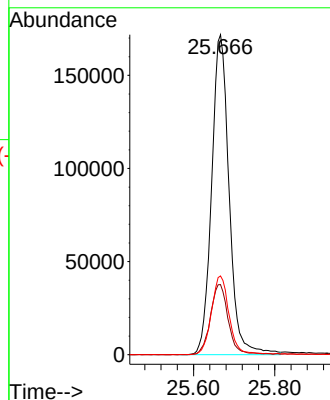
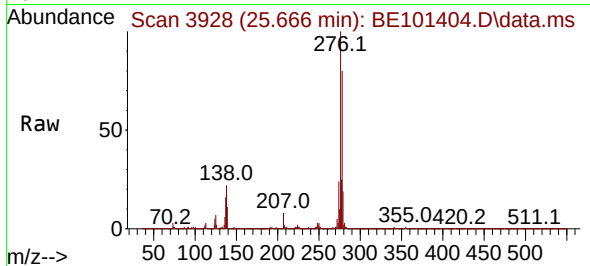
#87
Indeno(1,2,3-cd)pyrene
Concen: 4.985 ng
RT: 25.666 min Scan# 3933
Delta R.T. -0.030 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

Instrument : BNA_E
ClientSampleId : LOQ-WATER-02-QT4-2024

Tgt Ion: 276 Resp: 51291
Ion Ratio Lower Upper
276 100
138 22.2 17.8 26.8
277 24.9 20.5 30.7

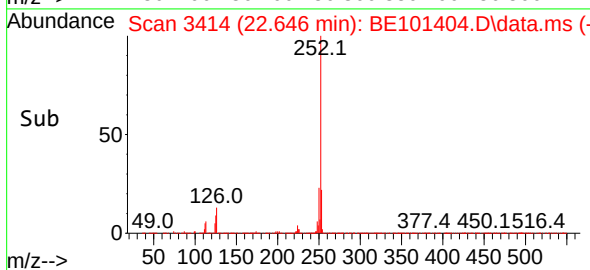
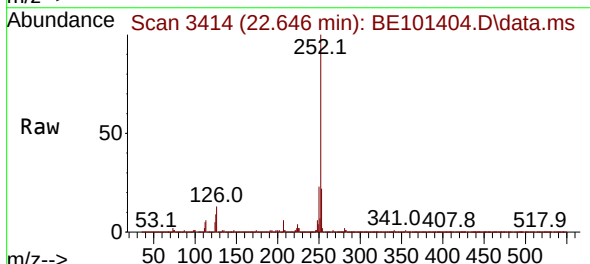
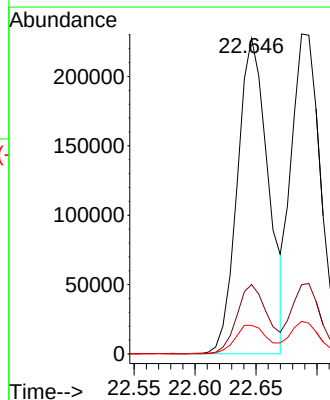
Manual Integrations
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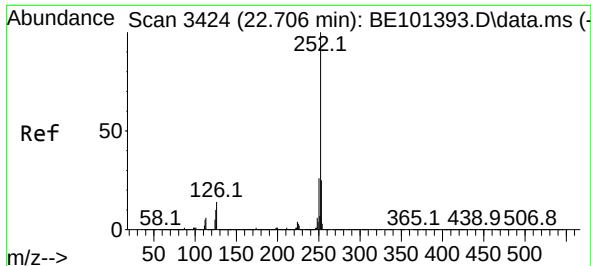
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#88
Benzo(b)fluoranthene
Concen: 5.010 ng
RT: 22.646 min Scan# 3414
Delta R.T. -0.012 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

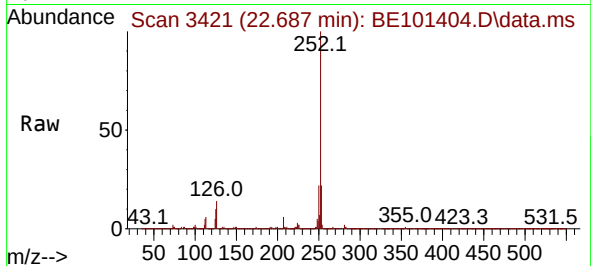
Tgt Ion: 252 Resp: 401457
Ion Ratio Lower Upper
252 100
253 22.0 19.0 28.6
125 9.1 8.2 12.2





#89
Benzo(k)fluoranthene
Concen: 5.249 ng
RT: 22.687 min Scan# 3424
Delta R.T. -0.018 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

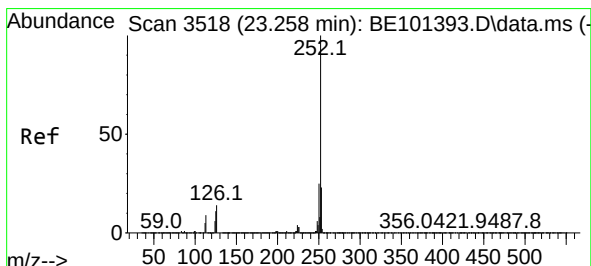
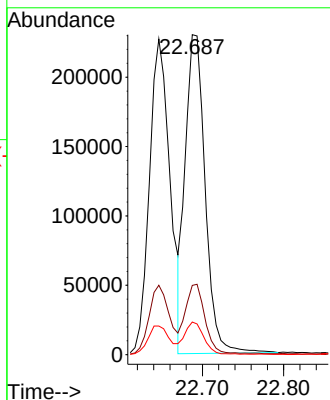
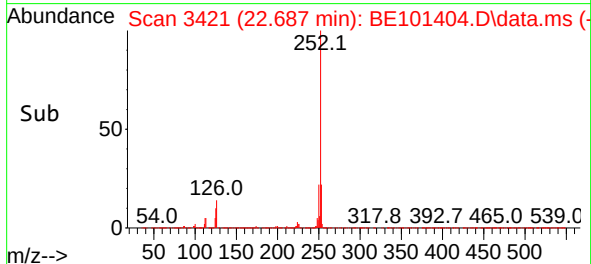
Instrument : BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:252 Resp: 392935
Ion Ratio Lower Upper
252 100
253 21.7 19.4 29.2
125 10.2 8.2 12.2

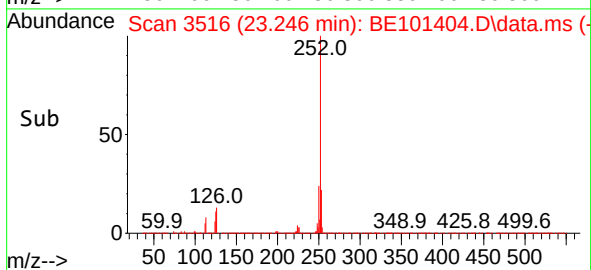
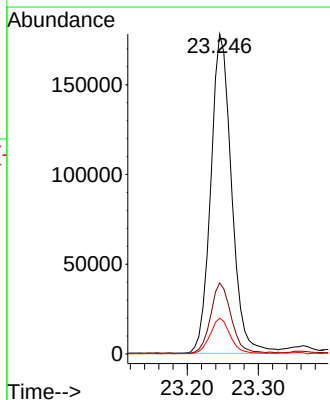
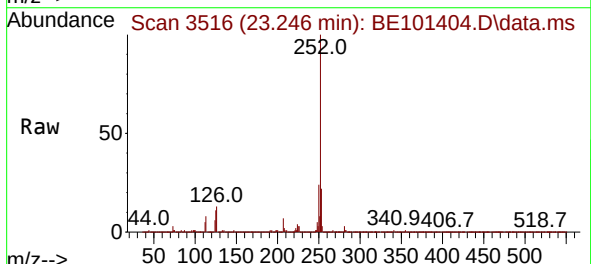
Manual Integrations
APPROVED

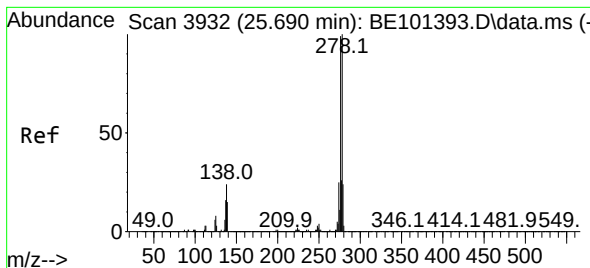
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#90
Benzo(a)pyrene
Concen: 5.154 ng
RT: 23.246 min Scan# 3516
Delta R.T. -0.012 min
Lab File: BE101404.D
Acq: 29 Oct 2024 13:21

Tgt Ion:252 Resp: 361170
Ion Ratio Lower Upper
252 100
253 22.2 18.4 27.6
125 11.2 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 4.880 ng

RT: 25.660 min Scan# 3932

Delta R.T. -0.030 min

Lab File: BE101404.D

Acq: 29 Oct 2024 13:21

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion:278 Resp: 41496

Ion Ratio Lower Upper

278 100

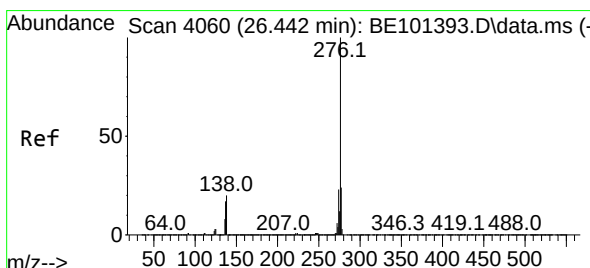
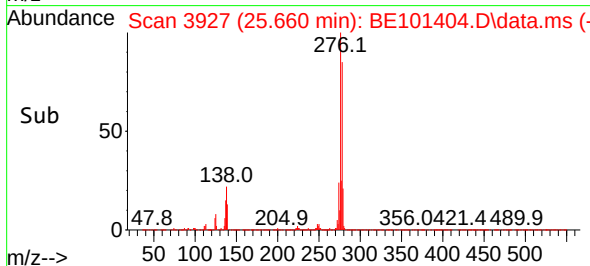
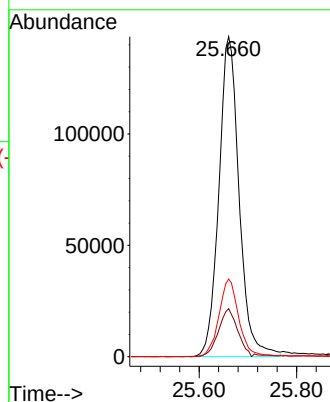
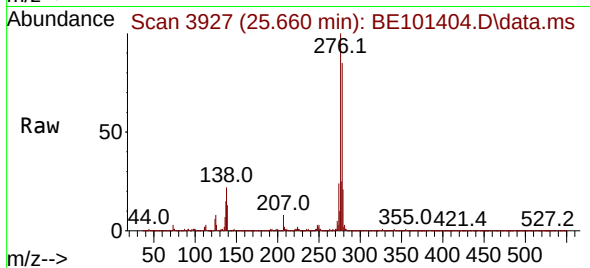
139 15.0 11.9 17.9

279 24.3 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#92

Benzo(g,h,i)perylene

Concen: 4.542 ng

RT: 26.412 min Scan# 4055

Delta R.T. -0.030 min

Lab File: BE101404.D

Acq: 29 Oct 2024 13:21

Tgt Ion:276 Resp: 397934

Ion Ratio Lower Upper

276 100

277 24.0 19.4 29.2

138 19.8 15.8 23.6

