

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE102924\
 Data File : BE101412.D
 Acq On : 29 Oct 2024 18:04
 Operator : RC/JU
 Sample : P4368-07
 Misc : LOD-MDL-WATER 8 PPM
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2024

Quant Time: Oct 30 00:25:50 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	153008	20.000	ng	0.00
21) Naphthalene-d8	10.337	136	760151	20.000	ng	0.00
39) Acenaphthene-d10	14.180	164	554059	20.000	ng	0.00
64) Phenanthrene-d10	16.918	188	1305765	20.000	ng	0.00
76) Chrysene-d12	21.072	240	1466013	20.000	ng	0.00
86) Perylene-d12	23.357	264	1792243	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.320	112	1085449	124.335	ng	0.00
7) Phenol-d6	6.947	99	1544377	127.581	ng	0.00
23) Nitrobenzene-d5	8.786	82	1105235	91.322	ng	0.00
42) 2,4,6-Tribromophenol	15.690	330	1281894	132.006	ng	0.00
45) 2-Fluorobiphenyl	12.805	172	2854123	87.239	ng	0.00
79) Terphenyl-d14	19.509	244	4477060	70.287	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.216	88	27356	8.402	ng	99
3) Pyridine	3.727	79	66688m	7.239	ng	
4) n-Nitrosodimethylamine	3.598	42	27829	7.808	ng	# 85
6) Aniline	7.018	93	111724	12.043	ng	99
8) 2-Chlorophenol	7.211	128	90648	8.657	ng	97
9) Benzaldehyde	6.783	77	68252	11.680	ng	100
10) Phenol	6.971	94	103679	7.894	ng	94
11) bis(2-Chloroethyl)ether	7.041	93	91320m	8.475	ng	
12) 1,3-Dichlorobenzene	7.458	146	95071	8.420	ng	99
13) 1,4-Dichlorobenzene	7.605	146	96898	8.404	ng	98
14) 1,2-Dichlorobenzene	7.934	146	94820	8.402	ng	99
15) Benzyl Alcohol	7.911	79	70209	9.730	ng	88
16) 2,2'-oxybis(1-Chloropr...	8.069	45	124116	9.153	ng	100
17) 2-Methylphenol	8.152	107	68463	7.702	ng	98
18) Hexachloroethane	8.627	117	29852	7.928	ng	98
19) n-Nitroso-di-n-propyla...	8.375	70	70053	8.721	ng	98
20) 3+4-Methylphenols	8.486	107	94106	7.669	ng	97
22) Acetophenone	8.422	105	145615	8.437	ng	# 98
24) Nitrobenzene	8.821	77	107784	8.368	ng	99
25) Isophorone	9.274	82	195524	8.279	ng	98
26) 2-Nitrophenol	9.509	139	48485	7.788	ng	100
27) 2,4-Dimethylphenol	9.626	122	42347	5.405	ng	97
28) bis(2-Chloroethoxy)met...	9.779	93	117446	8.200	ng	99
29) 2,4-Dichlorophenol	10.055	162	85331	7.873	ng	98
30) 1,2,4-Trichlorobenzene	10.184	180	94590	8.011	ng	98
31) Naphthalene	10.384	128	320482	8.273	ng	100
32) Benzoic acid	9.820	122	28709m	11.168	ng	
33) 4-Chloroaniline	10.613	127	125662	9.329	ng	99
34) Hexachlorobutadiene	10.637	225	53571	7.665	ng	99
35) Caprolactam	11.383	113	31127m	7.492	ng	
36) 4-Chloro-3-methylphenol	11.783	107	96043	7.783	ng	98
37) 2-Methylnaphthalene	11.976	142	226039	8.100	ng	99
38) 1-Methylnaphthalene	12.206	142	216665	7.779	ng	99
40) 1,2,4,5-Tetrachloroben...	12.335	216	114892	8.260	ng	100
41) Hexachlorocyclopentadiene	12.317	237	20706	4.508	ng	97
43) 2,4,6-Trichlorophenol	12.652	196	75438	7.868	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.752	196	85938	7.826	ng	98
46) 1,1'-Biphenyl	13.005	154	326052	8.589	ng	99
47) 2-Chloronaphthalene	13.052	162	241466	8.052	ng	100
48) 2-Nitroaniline	13.381	65	62833	7.785	ng	98
49) Acenaphthylene	13.909	152	399472	9.007	ng	99
50) Dimethylphthalate	13.680	163	328573	8.401	ng	99
51) 2,6-Dinitrotoluene	13.815	165	69116	7.655	ng	99
52) Acenaphthene	14.238	154	238399	8.232	ng	99
53) 3-Nitroaniline	14.227	138	74279	8.273	ng	98
54) 2,4-Dinitrophenol	14.362	184	27522	9.605	ng	95
55) Dibenzofuran	14.585	168	393716	8.530	ng	97
56) 4-Nitrophenol	14.644	139	58131	7.070	ng	99
57) 2,4-Dinitrotoluene	14.603	165	93442	7.517	ng	99
58) Fluorene	15.220	166	323385	8.375	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.850	232	84409	8.320	ng	98
60) Diethylphthalate	15.008	149	337700	8.255	ng	98
61) 4-Chlorophenyl-phenyle...	15.208	204	155477	8.114	ng	99
62) 4-Nitroaniline	15.408	138	78007	7.808	ng	98
63) Azobenzene	15.508	77	299866	8.528	ng	99
65) 4,6-Dinitro-2-methylph...	15.343	198	48612	6.336	ng	98
66) n-Nitrosodiphenylamine	15.461	169	289794	8.369	ng	99
67) 4-Bromophenyl-phenylether	16.095	248	108465	7.897	ng	97
68) Hexachlorobenzene	16.201	284	138796	7.709	ng	97
69) Atrazine	16.389	200	107322	10.109	ng	98
70) Pentachlorophenol	16.606	266	72430	6.989	ng	98
71) Phenanthrene	16.953	178	545926	8.732	ng	98
72) Anthracene	17.041	178	515545	8.445	ng	98
73) Carbazole	17.370	167	530675	8.496	ng	97
74) Di-n-butylphthalate	17.823	149	612039	8.901	ng	97
75) Fluoranthene	18.956	202	670072	8.824	ng	95
77) Benzidine	19.215	184	193717	10.411	ng	100
78) Pyrene	19.327	202	722980	8.968	ng	95
80) Butylbenzylphthalate	20.179	149	302288	8.553	ng	97
81) Benzo(a)anthracene	21.054	228	767155	9.310	ng	95
82) 3,3'-Dichlorobenzidine	21.031	252	280183	8.680	ng	97
83) Chrysene	21.107	228	740607	9.296	ng	93
84) Bis(2-ethylhexyl)phtha...	20.884	149	401970	8.561	ng	96
85) Di-n-octyl phthalate	21.730	149	698968	9.070	ng	99
87) Indeno(1,2,3-cd)pyrene	25.666	276	1082193	9.022	ng	99
88) Benzo(b)fluoranthene	22.646	252	836508	8.956	ng	97
89) Benzo(k)fluoranthene	22.687	252	809495	9.277	ng	96
90) Benzo(a)pyrene	23.246	252	751835	9.204	ng	98
91) Dibenzo(a,h)anthracene	25.660	278	889125	8.971	ng	99
92) Benzo(g,h,i)perylene	26.412	276	833415	8.161	ng	99

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

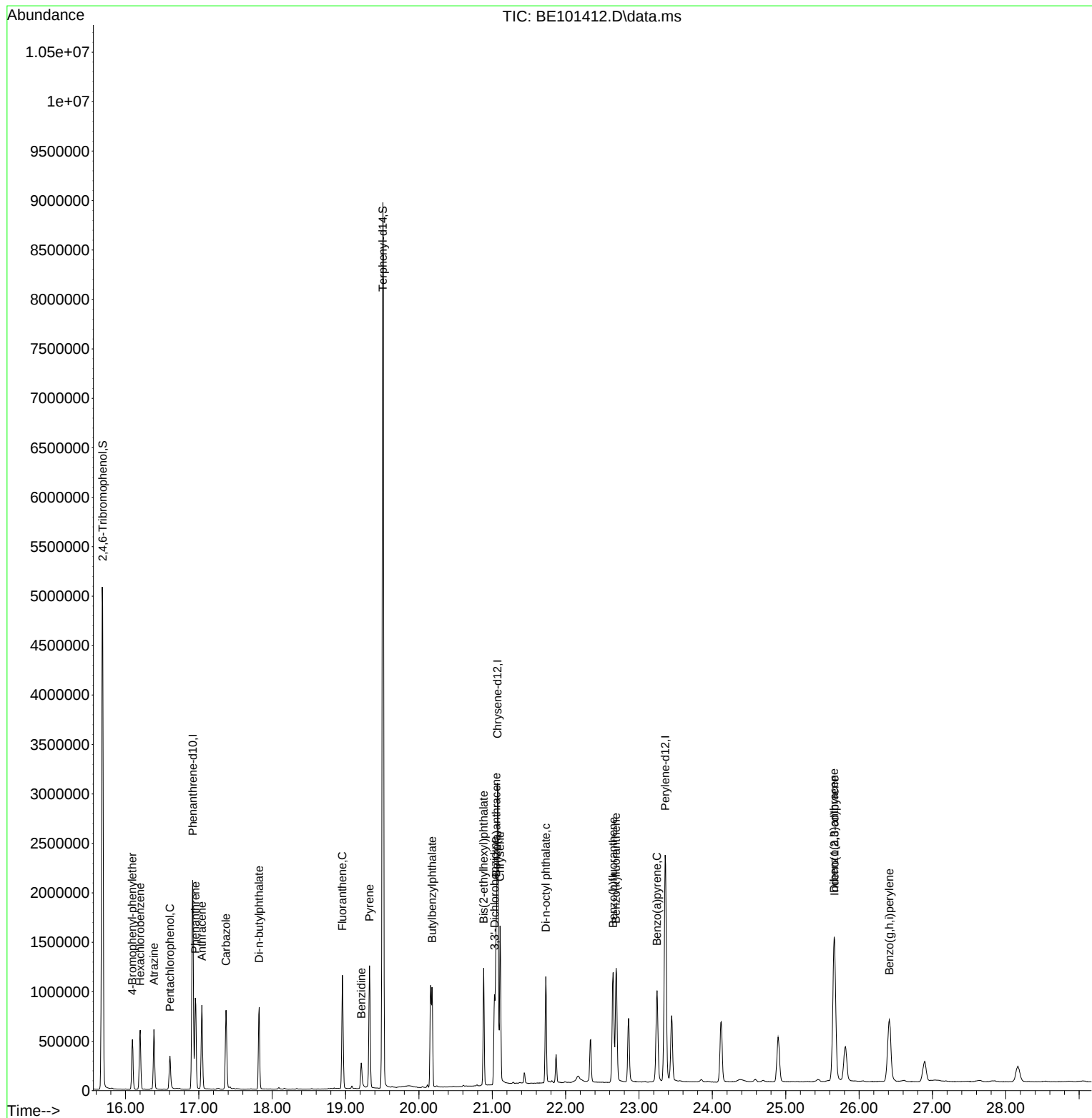
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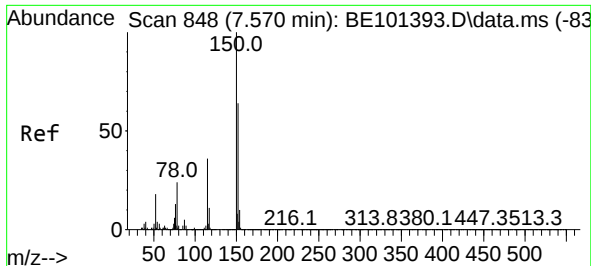
Instrument :
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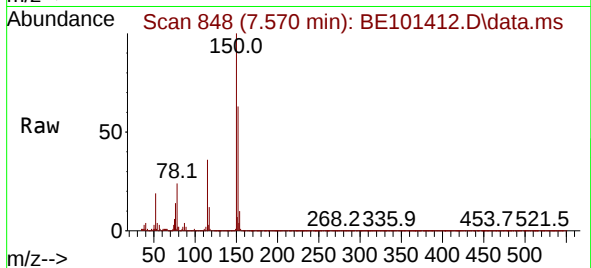
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.570 min Scan# 84
Delta R.T. -0.000 min
Lab File: BE101412.D
Acq: 29 Oct 2024 18:04

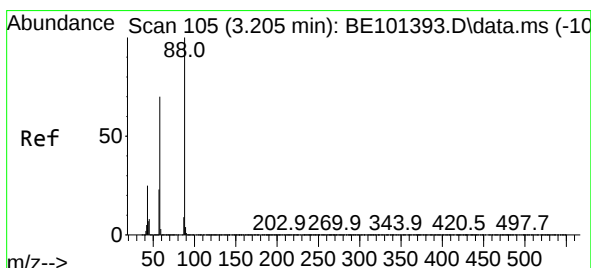
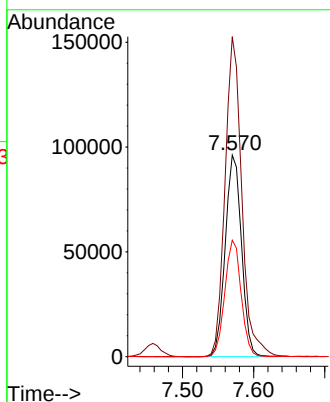
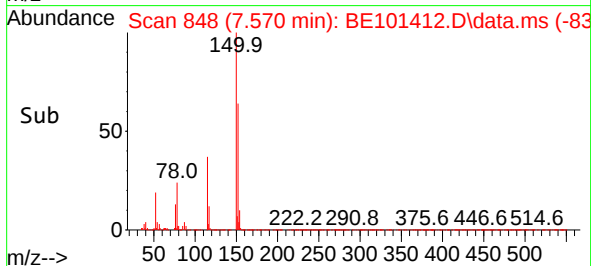
Instrument :
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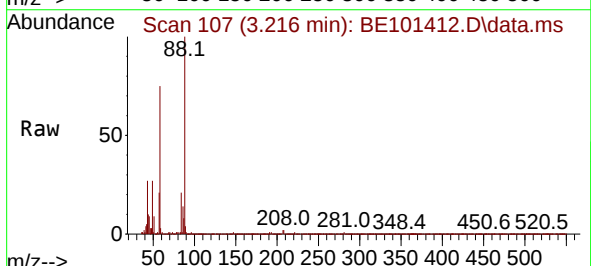
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Ion Ratio Lower Upper
152 100
150 158.7 124.2 186.4
115 57.8 45.3 67.9

Manual Integrations
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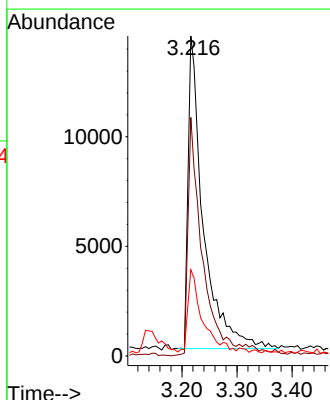
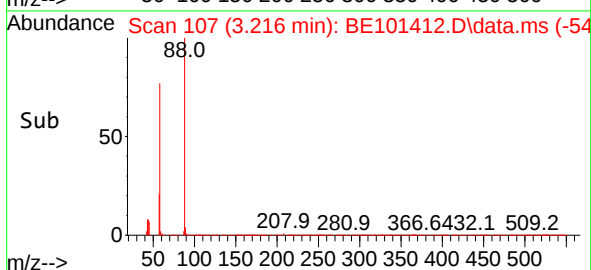
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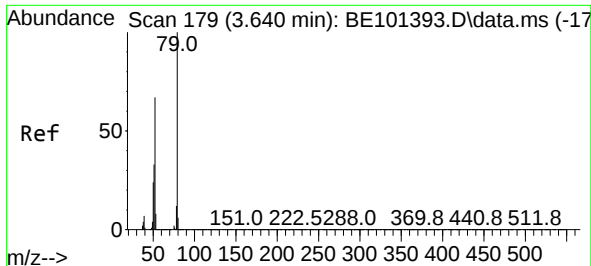


#2
1,4-Dioxane
Concen: 8.402 ng
RT: 3.216 min Scan# 107
Delta R.T. 0.011 min
Lab File: BE101412.D
Acq: 29 Oct 2024 18:04



Tgt Ion: 88 Resp: 27356
Ion Ratio Lower Upper
88 100
58 69.8 56.5 84.7
43 24.9 19.8 29.8





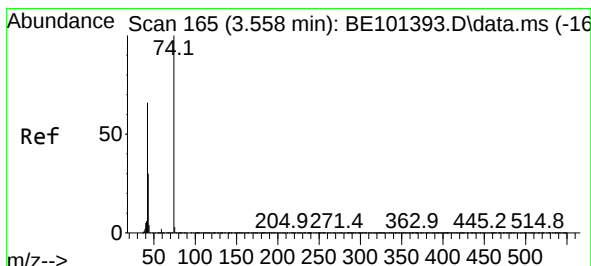
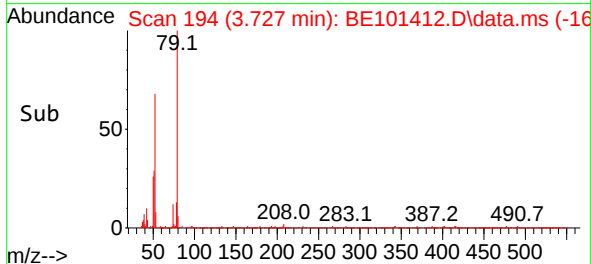
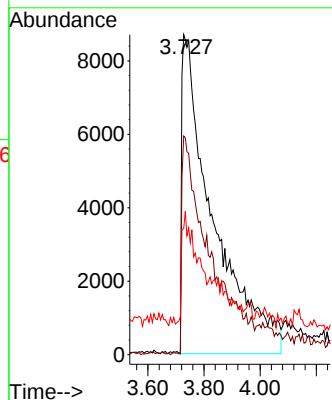
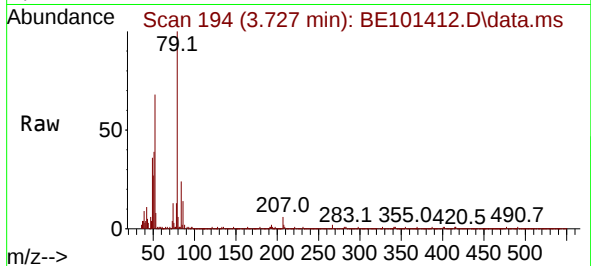
#3
Pyridine
Concen: 7.239 ng m
RT: 3.727 min Scan# 1
Delta R.T. 0.087 min
Lab File: BE101412.D
Acq: 29 Oct 2024 18:04

Instrument :
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ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 79 Resp: 6668
Ion Ratio Lower Upper
79 100
52 68.4 53.3 79.9
51 39.4 27.3 40.9

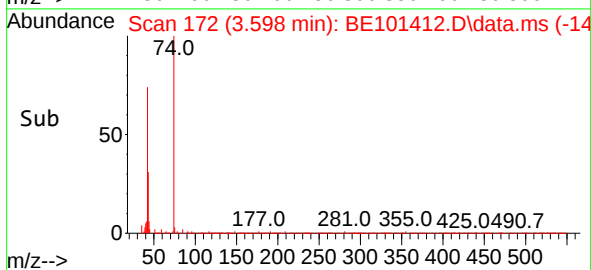
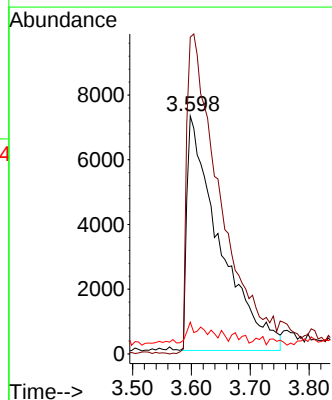
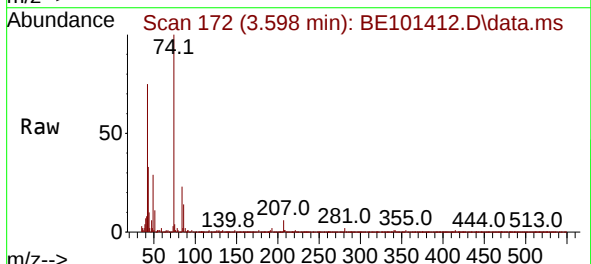
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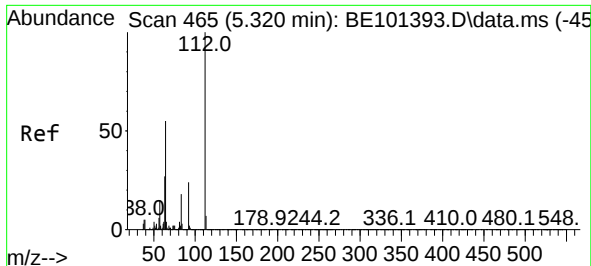
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#4
n-Nitrosodimethylamine
Concen: 7.808 ng
RT: 3.598 min Scan# 172
Delta R.T. 0.040 min
Lab File: BE101412.D
Acq: 29 Oct 2024 18:04

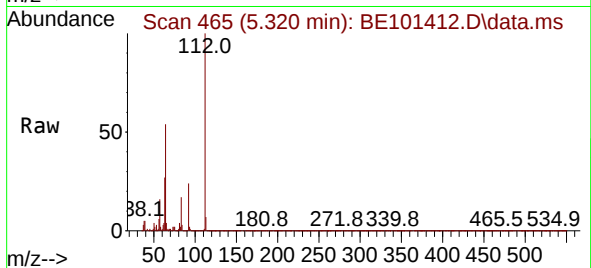
Tgt Ion: 42 Resp: 27829
Ion Ratio Lower Upper
42 100
74 133.2 121.4 182.0
44 13.4 5.6 8.4#





#5
2-Fluorophenol
Concen: 124.335 ng
RT: 5.320 min Scan# 40
Delta R.T. -0.001 min
Lab File: BE101412.D
Acq: 29 Oct 2024 18:04

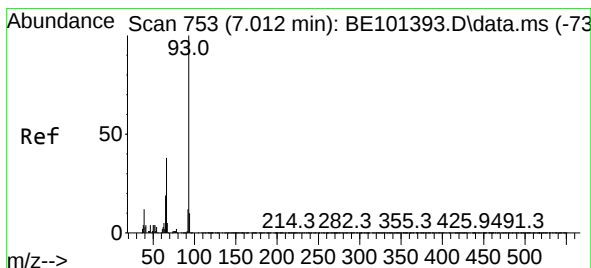
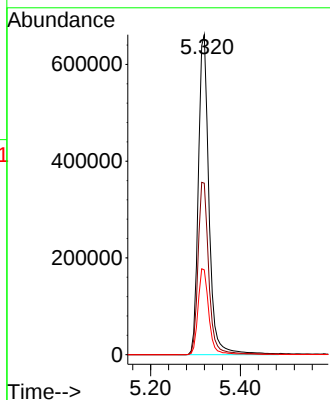
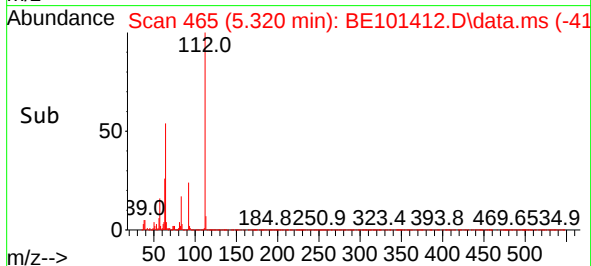
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Tgt Ion:112 Resp: 1085449
Ion Ratio Lower Upper
112 100
64 53.6 43.7 65.5
63 26.5 21.4 32.2

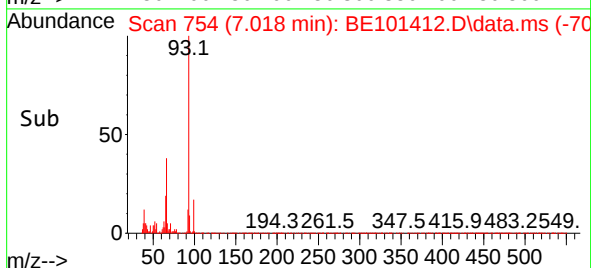
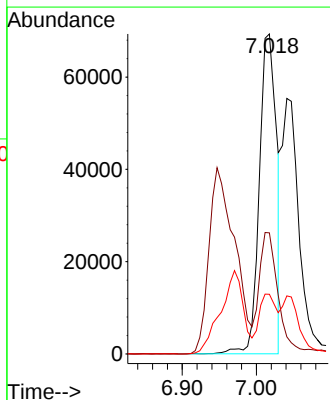
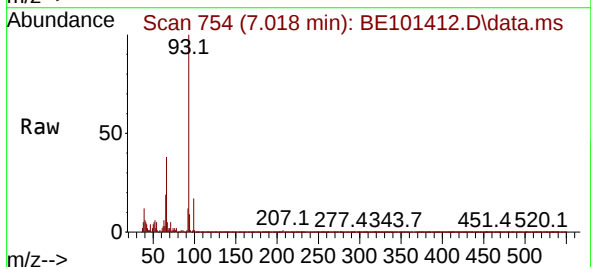
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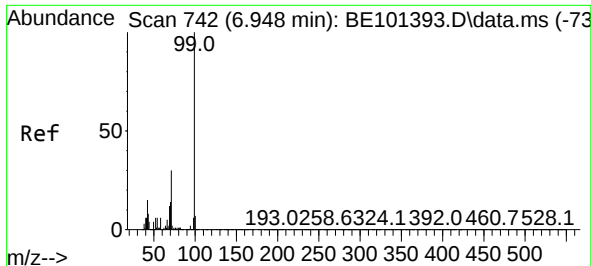
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#6
Aniline
Concen: 12.043 ng
RT: 7.018 min Scan# 754
Delta R.T. 0.005 min
Lab File: BE101412.D
Acq: 29 Oct 2024 18:04

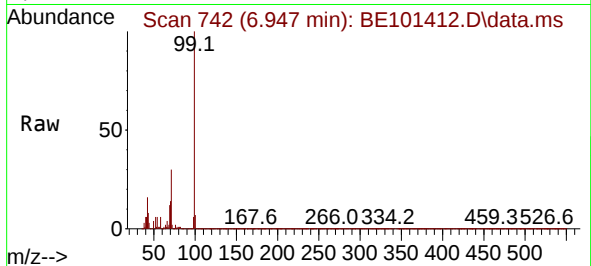
Tgt Ion: 93 Resp: 111724
Ion Ratio Lower Upper
93 100
66 37.9 31.0 46.4
65 18.6 15.5 23.3





#7
Phenol-d6
Concen: 127.581 ng
RT: 6.947 min Scan# 741
Delta R.T. -0.001 min
Lab File: BE101412.D
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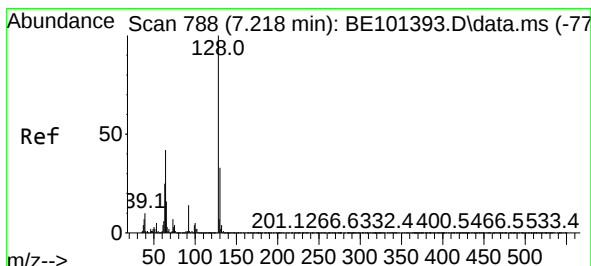
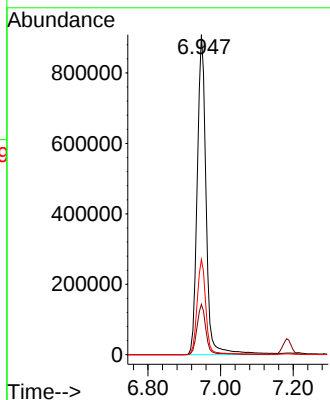
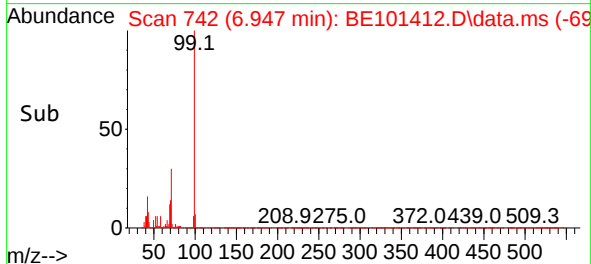
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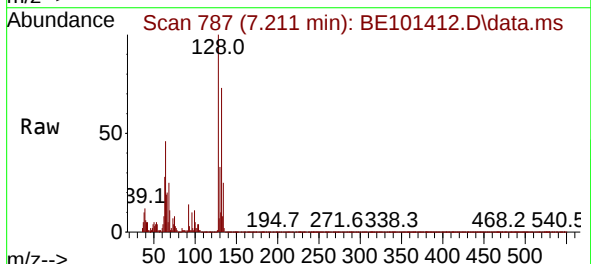
Tgt Ion: 99 Resp: 154437
Ion Ratio Lower Upper
99 100
42 15.8 12.3 18.5
71 29.8 23.8 35.8

Manual Integrations
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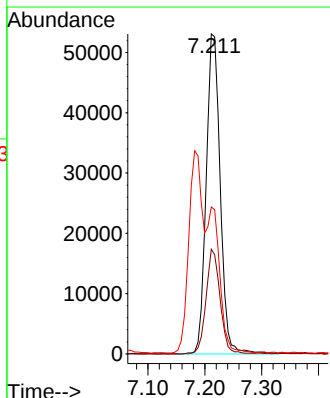
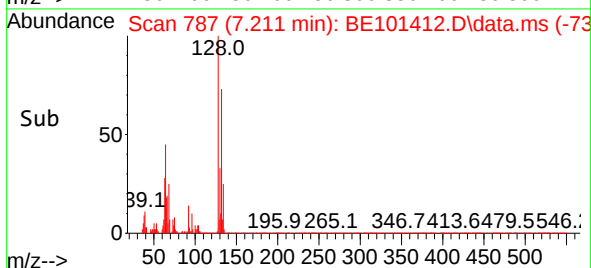
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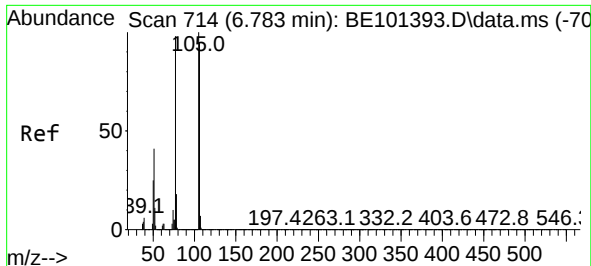


#8
2-Chlorophenol
Concen: 8.657 ng
RT: 7.211 min Scan# 787
Delta R.T. -0.007 min
Lab File: BE101412.D
Acq: 29 Oct 2024 18:04



Tgt Ion:128 Resp: 90648
Ion Ratio Lower Upper
128 100
130 32.7 12.9 52.9
64 46.0 22.3 62.3





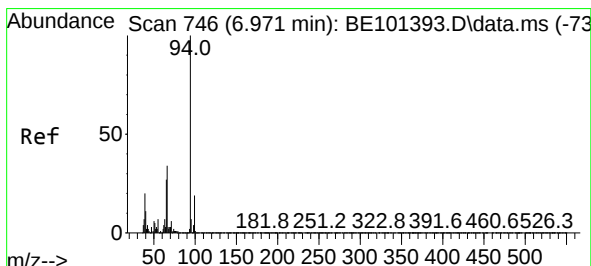
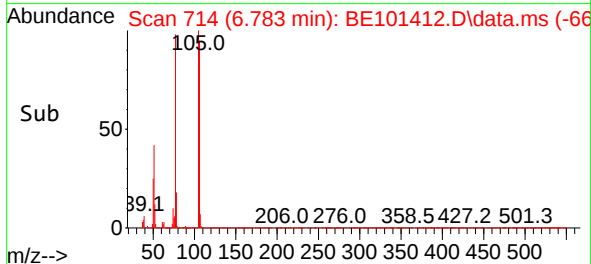
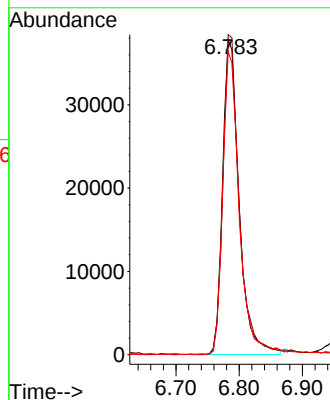
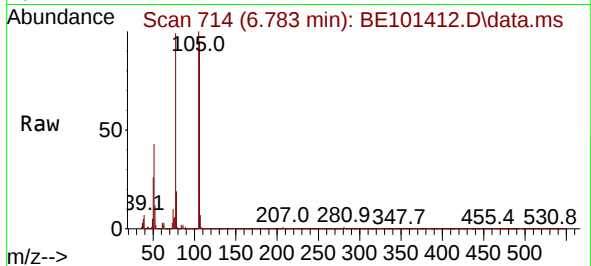
#9
Benzaldehyde
Concen: 11.680 ng
RT: 6.783 min Scan# 714
Delta R.T. -0.000 min
Lab File: BE101412.D
Acq: 29 Oct 2024 18:04

Instrument : BNA_E
ClientSampleId : LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 77 Resp: 6825
Ion Ratio Lower Upper
77 100
105 101.5 81.9 121.9
106 96.2 76.5 116.5

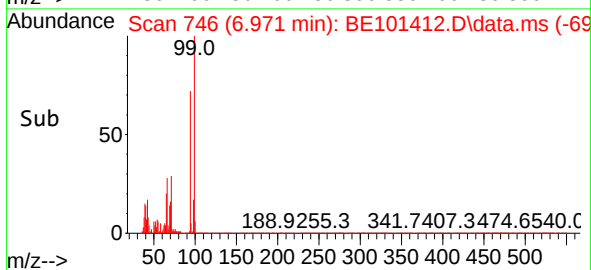
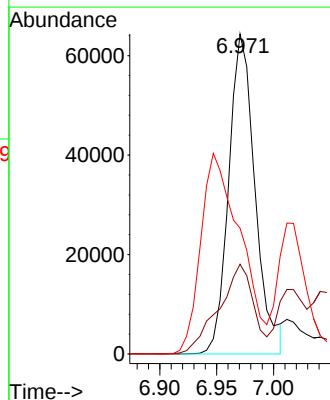
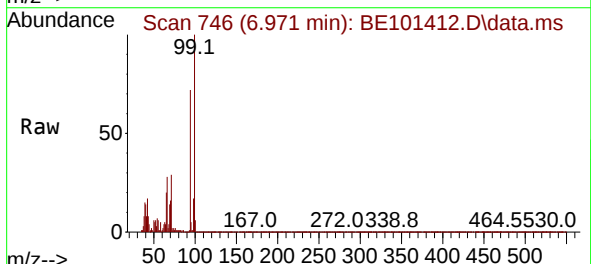
Manual Integrations
APPROVED

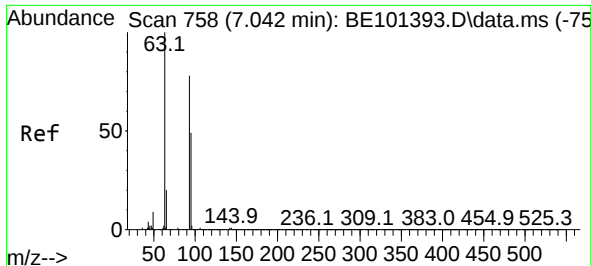
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#10
Phenol
Concen: 7.894 ng
RT: 6.971 min Scan# 746
Delta R.T. -0.001 min
Lab File: BE101412.D
Acq: 29 Oct 2024 18:04

Tgt Ion: 94 Resp: 103679
Ion Ratio Lower Upper
94 100
65 28.1 6.8 46.8
66 39.3 14.0 54.0





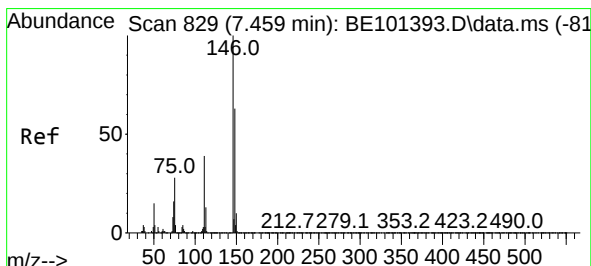
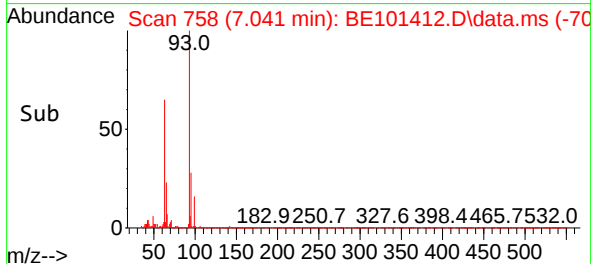
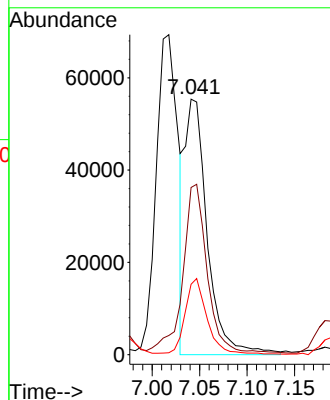
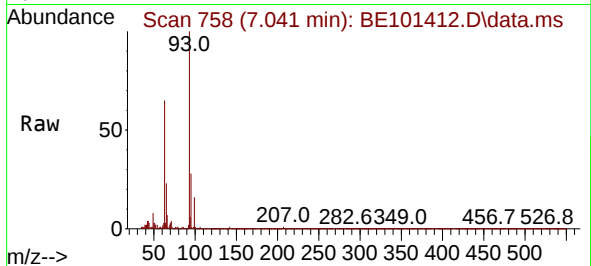
#11
bis(2-Chloroethyl)ether
Concen: 8.475 ng m
RT: 7.041 min Scan# 70
Delta R.T. -0.001 min
Lab File: BE101412.D
Acq: 29 Oct 2024 18:04

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 93 Resp: 91320
Ion Ratio Lower Upper
93 100
63 65.4 46.3 86.3
95 27.5 9.6 49.6

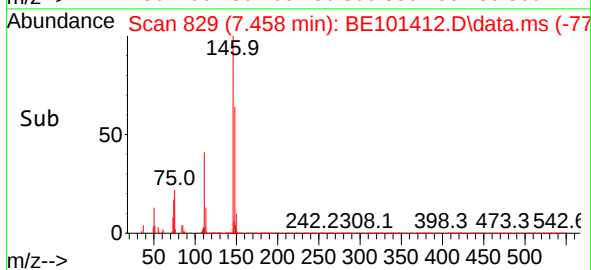
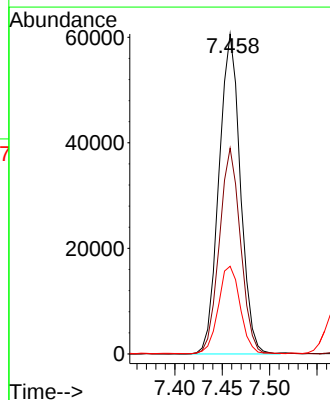
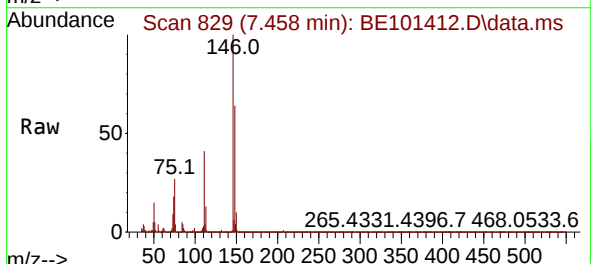
Manual Integrations
APPROVED

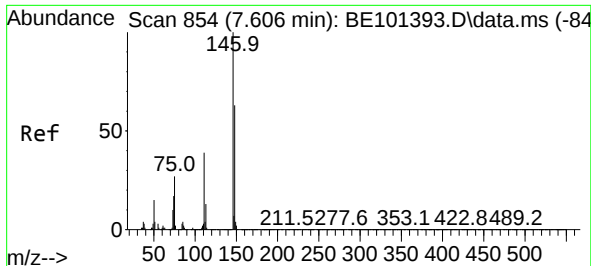
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#12
1,3-Dichlorobenzene
Concen: 8.420 ng
RT: 7.458 min Scan# 829
Delta R.T. -0.001 min
Lab File: BE101412.D
Acq: 29 Oct 2024 18:04

Tgt Ion:146 Resp: 95071
Ion Ratio Lower Upper
146 100
148 64.3 50.5 75.7
75 27.4 22.0 33.0





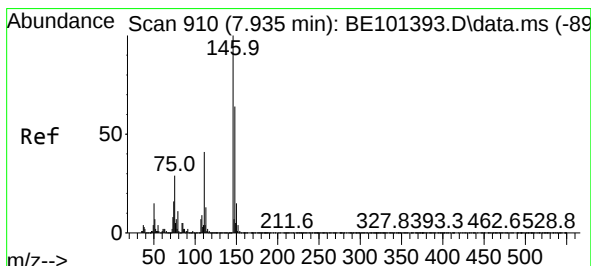
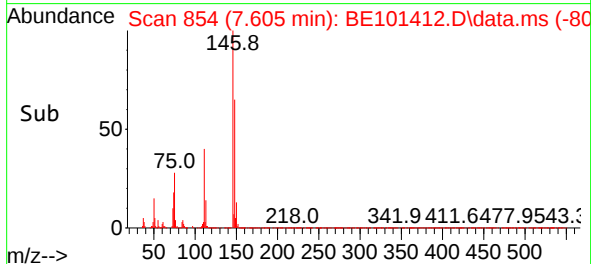
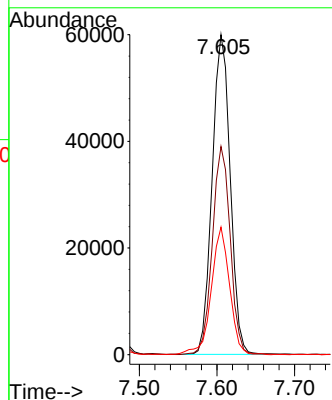
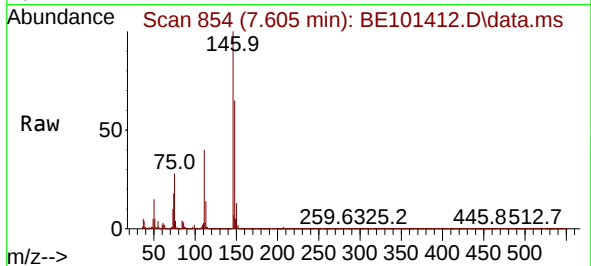
#13
1,4-Dichlorobenzene
Concen: 8.404 ng
RT: 7.605 min Scan# 854
Delta R.T. -0.001 min
Lab File: BE101412.D
Acq: 29 Oct 2024 18:04

Instrument : BNA_E
ClientSampleId : LOD-MDL-WATER-01-QT4-2024

Tgt Ion:146 Resp: 96898
Ion Ratio Lower Upper
146 100
148 65.0 50.2 75.2
111 39.9 31.6 47.4

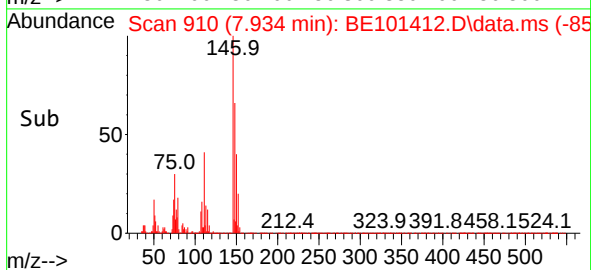
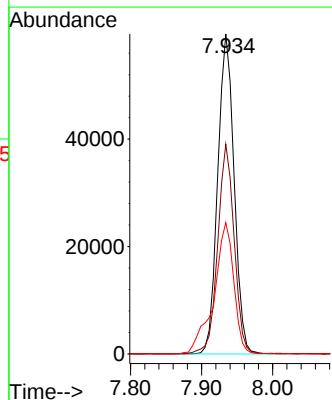
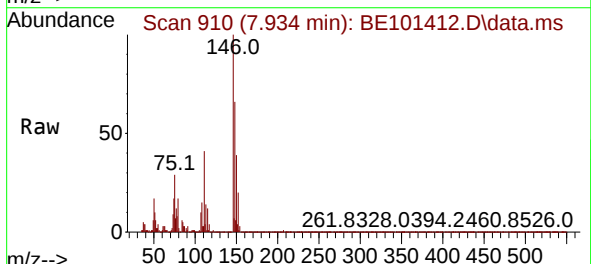
Manual Integrations
APPROVED

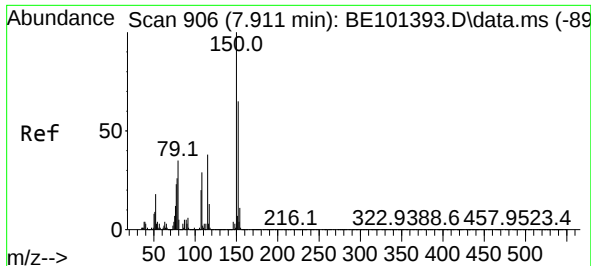
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#14
1,2-Dichlorobenzene
Concen: 8.402 ng
RT: 7.934 min Scan# 910
Delta R.T. -0.001 min
Lab File: BE101412.D
Acq: 29 Oct 2024 18:04

Tgt Ion:146 Resp: 94820
Ion Ratio Lower Upper
146 100
148 65.5 51.4 77.2
111 41.1 32.8 49.2





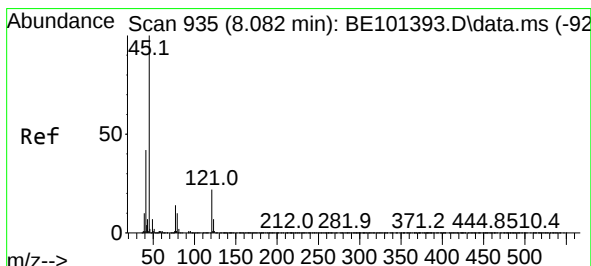
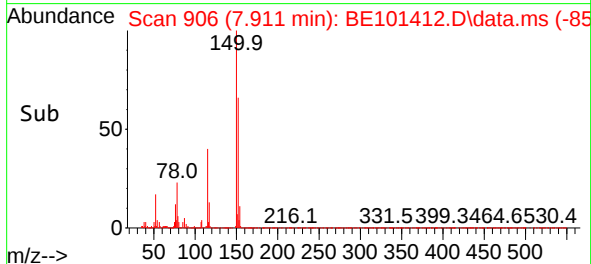
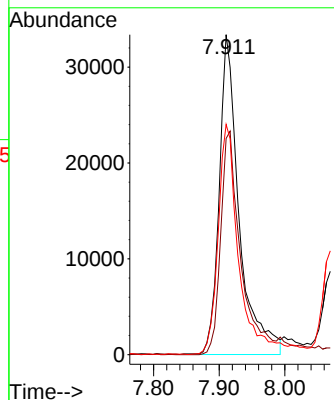
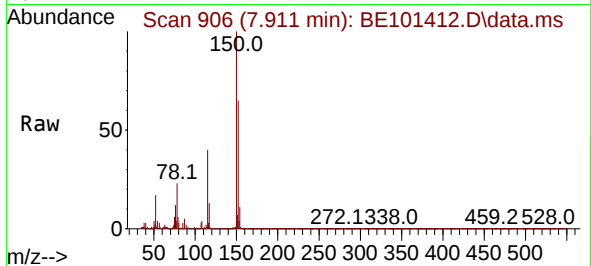
#15
Benzyl Alcohol
Concen: 9.730 ng
RT: 7.911 min Scan# 906
Delta R.T. -0.001 min
Lab File: BE101412.D
Acq: 29 Oct 2024 18:04

Instrument : BNA_E
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 79 Resp: 70209
Ion Ratio Lower Upper
79 100
108 67.5 66.1 99.1
77 72.0 53.1 79.7

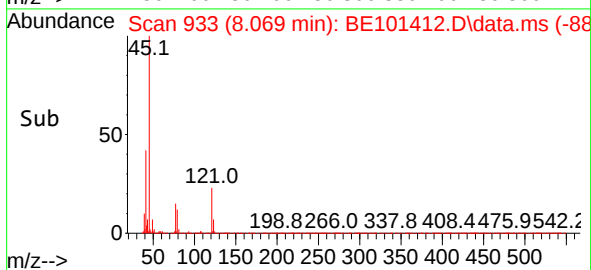
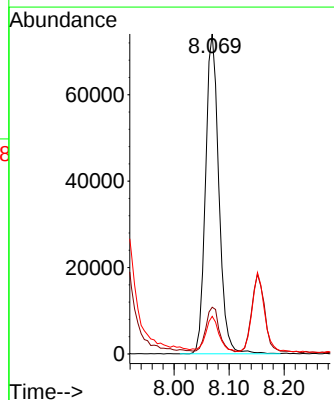
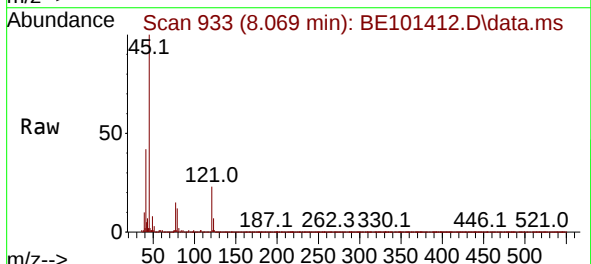
Manual Integrations
APPROVED

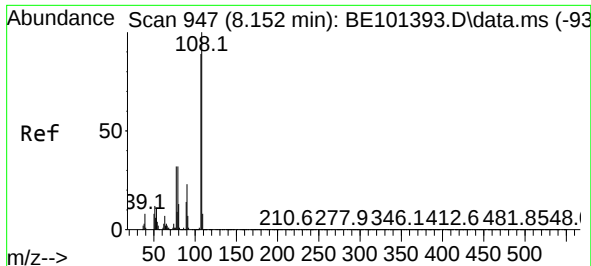
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.153 ng
RT: 8.069 min Scan# 933
Delta R.T. -0.012 min
Lab File: BE101412.D
Acq: 29 Oct 2024 18:04

Tgt Ion: 45 Resp: 124116
Ion Ratio Lower Upper
45 100
77 14.6 0.0 34.5
79 11.7 0.0 31.8





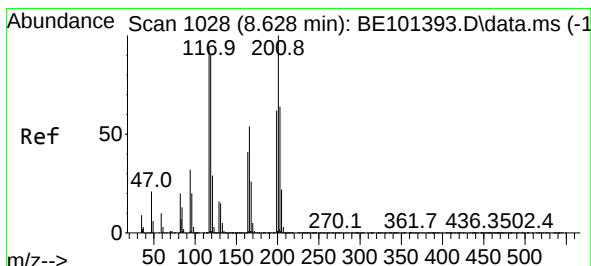
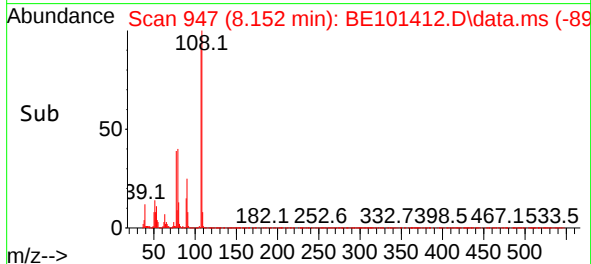
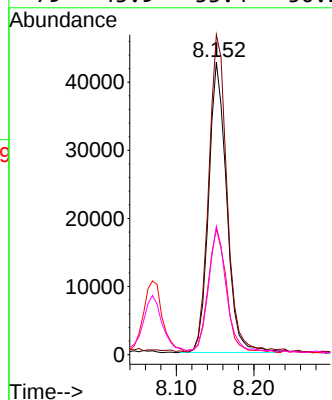
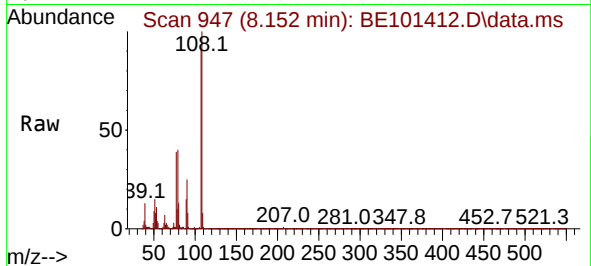
#17
2-Methylphenol
Concen: 7.702 ng
RT: 8.152 min Scan# 947
Delta R.T. -0.001 min
Lab File: BE101412.D
Acq: 29 Oct 2024 18:04

Instrument : BNA_E
ClientSampleId : LOD-MDL-WATER-01-QT4-2024

Tgt Ion:	107	Resp:	6846
Ion Ratio	Lower	Upper	
107	100		
108	109.4	90.0	135.0
77	43.1	34.2	51.4
79	43.9	33.4	50.2

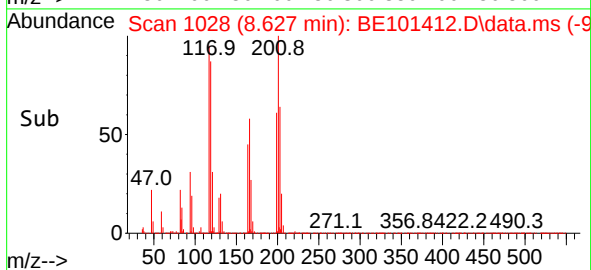
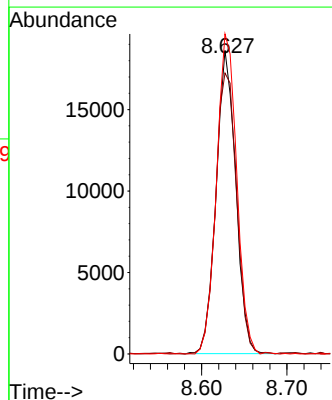
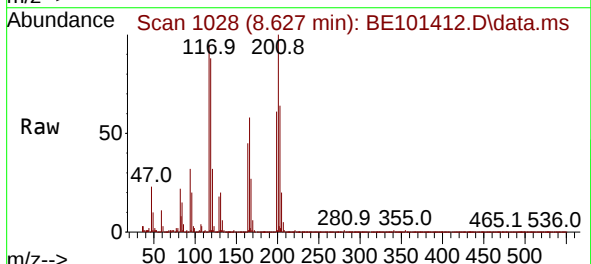
Manual Integrations
APPROVED

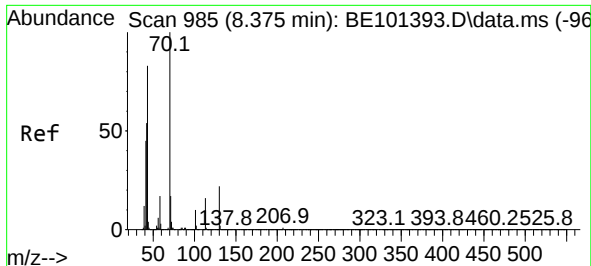
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#18
Hexachloroethane
Concen: 7.928 ng
RT: 8.627 min Scan# 1028
Delta R.T. -0.001 min
Lab File: BE101412.D
Acq: 29 Oct 2024 18:04

Tgt Ion:	117	Resp:	29852
Ion Ratio	Lower	Upper	
117	100		
119	92.6	77.0	115.4
201	105.5	85.3	127.9





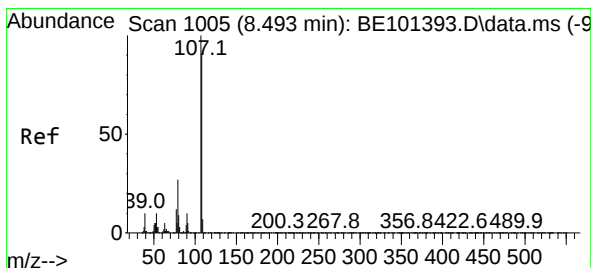
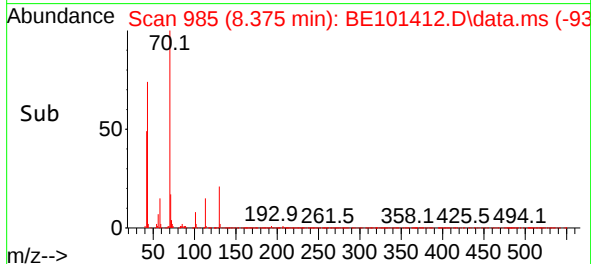
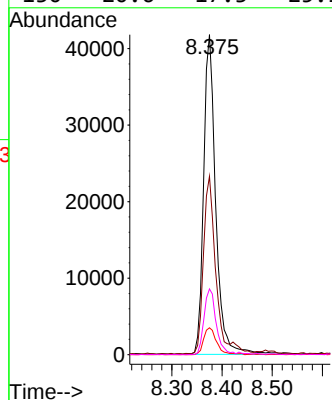
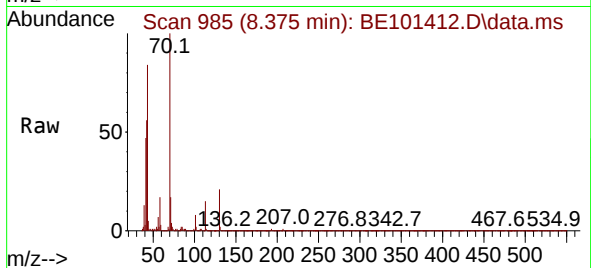
#19
n-Nitroso-di-n-propylamine
Concen: 8.721 ng
RT: 8.375 min Scan# 91
Delta R.T. -0.001 min
Lab File: BE101412.D
Acq: 29 Oct 2024 18:04

Instrument : BNA_E
ClientSampleId : LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 70	Resp: 7005
Ion Ratio	Lower Upper
70	100
42	55.8 43.4 65.0
101	8.4 8.1 12.1
130	20.6 17.3 25.9

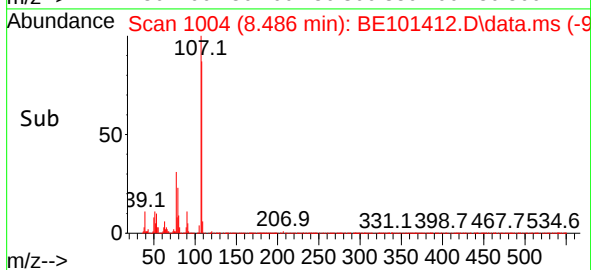
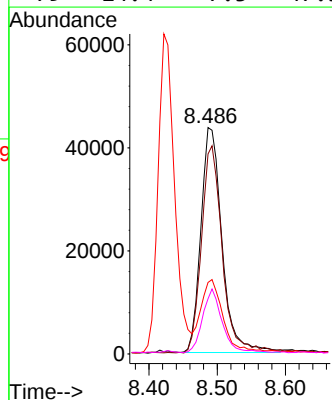
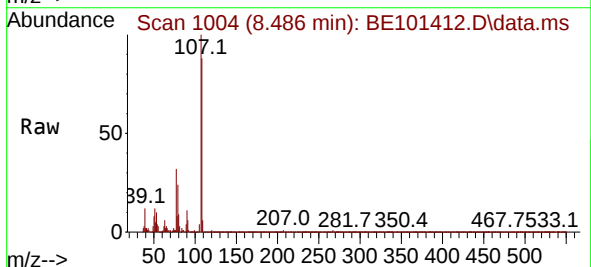
Manual Integrations
APPROVED

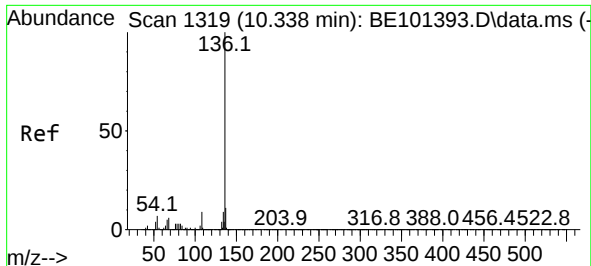
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#20
3+4-Methylphenols
Concen: 7.669 ng
RT: 8.486 min Scan# 1004
Delta R.T. -0.007 min
Lab File: BE101412.D
Acq: 29 Oct 2024 18:04

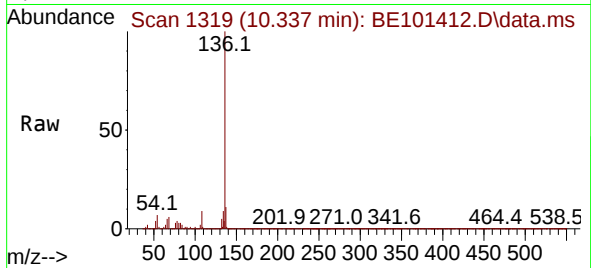
Tgt Ion:107	Resp: 94106
Ion Ratio	Lower Upper
107	100
108	88.3 70.6 110.6
77	31.6 11.3 51.3
79	24.4 7.3 47.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.337 min Scan# 1319
Delta R.T. -0.001 min
Lab File: BE101412.D
Acq: 29 Oct 2024 18:04

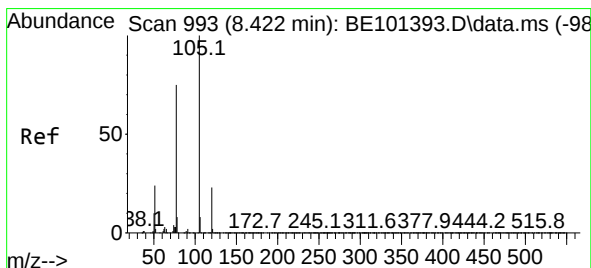
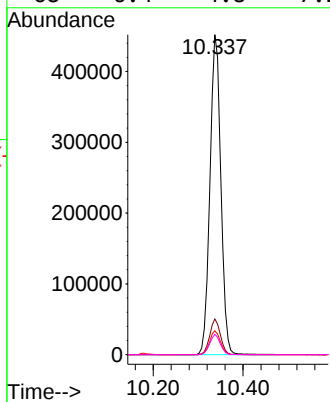
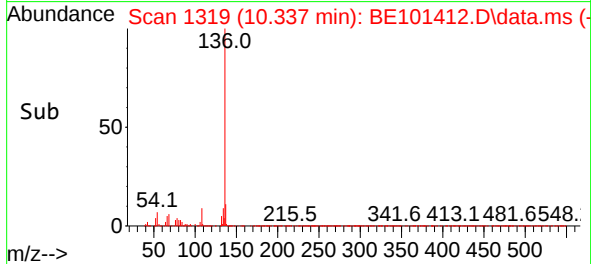
Instrument : BNA_E
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



Tgt Ion:136 Resp: 76015
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.6
54 7.5 5.9 8.9
68 6.4 4.8 7.2

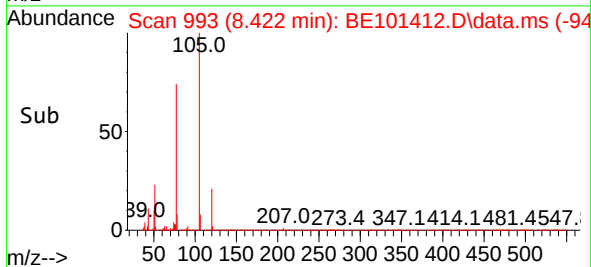
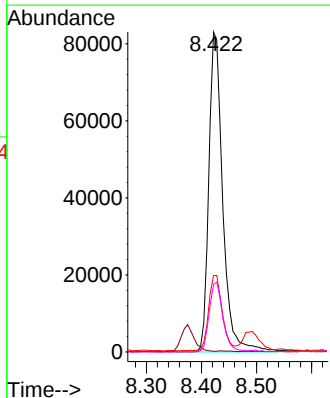
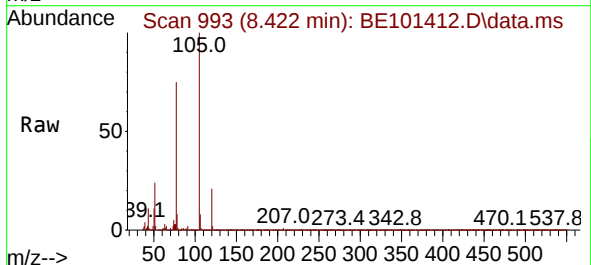
Manual Integrations
APPROVED

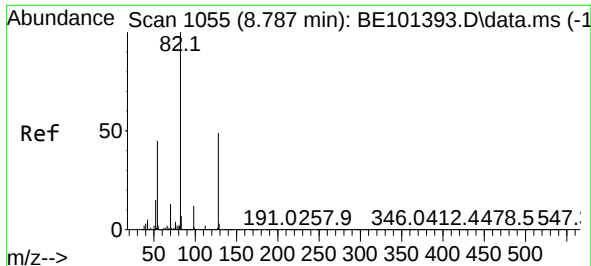
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#22
Acetophenone
Concen: 8.437 ng
RT: 8.422 min Scan# 993
Delta R.T. -0.001 min
Lab File: BE101412.D
Acq: 29 Oct 2024 18:04

Tgt Ion:105 Resp: 145615
Ion Ratio Lower Upper
105 100
71 0.2 0.1 0.1#
51 23.9 19.4 29.0
120 21.2 18.4 27.6





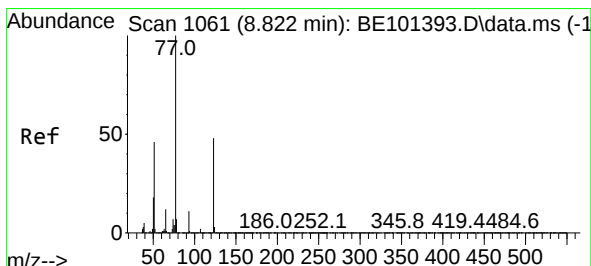
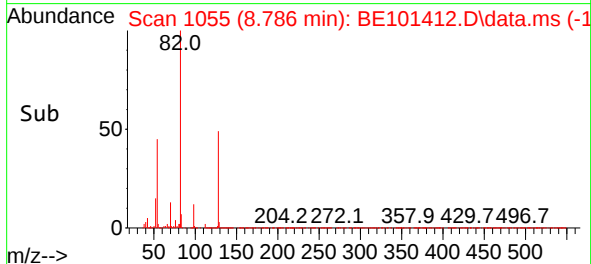
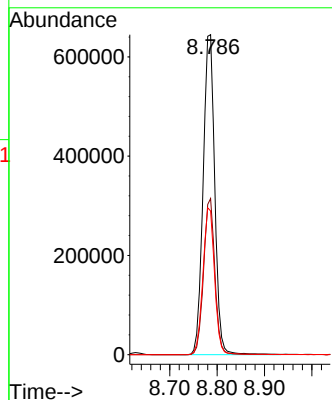
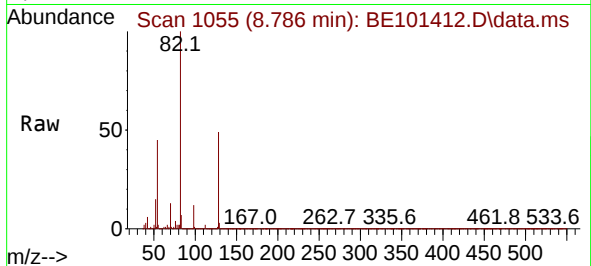
#23
Nitrobenzene-d5
Concen: 91.322 ng
RT: 8.786 min Scan# 1055
Delta R.T. -0.001 min
Lab File: BE101412.D
Acq: 29 Oct 2024 18:04

Instrument : BNA_E
ClientSampleId : LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 82 Resp: 110523
Ion Ratio Lower Upper
82 100
128 48.8 38.9 58.3
54 44.9 36.2 54.4

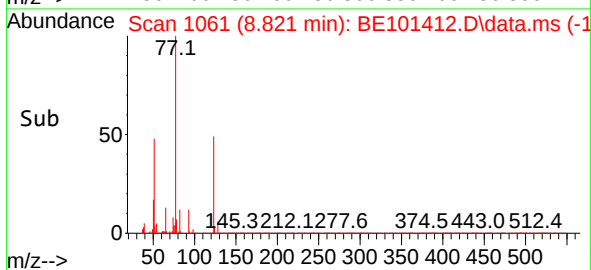
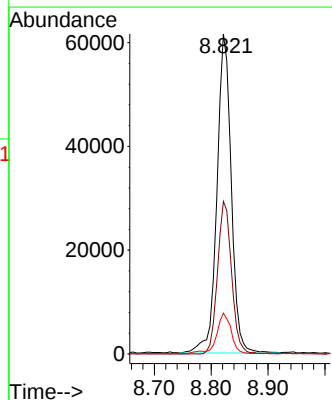
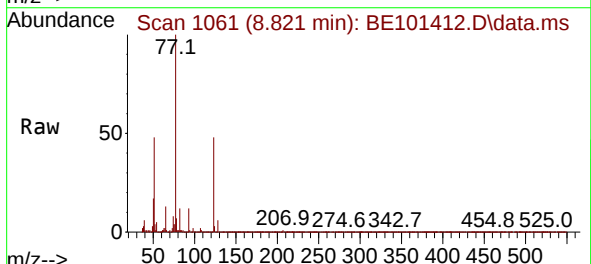
Manual Integrations
APPROVED

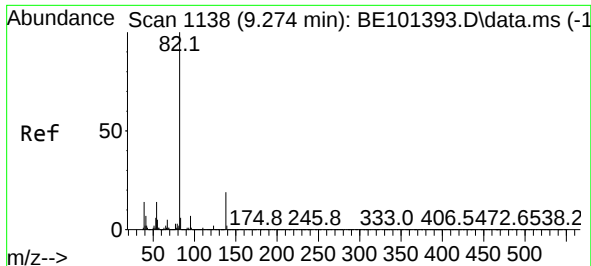
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#24
Nitrobenzene
Concen: 8.368 ng
RT: 8.821 min Scan# 1061
Delta R.T. -0.001 min
Lab File: BE101412.D
Acq: 29 Oct 2024 18:04

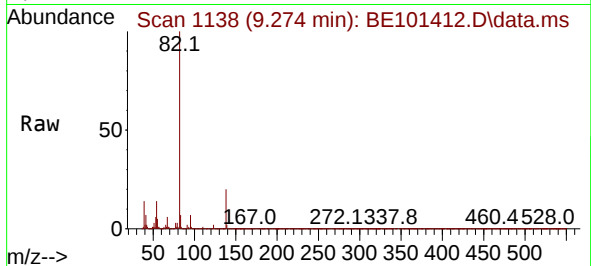
Tgt Ion: 77 Resp: 107784
Ion Ratio Lower Upper
77 100
123 47.6 38.7 58.1
65 12.7 10.0 15.0





#25
Isophorone
Concen: 8.279 ng
RT: 9.274 min Scan# 1138
Delta R.T. -0.001 min
Lab File: BE101412.D
Acq: 29 Oct 2024 18:04

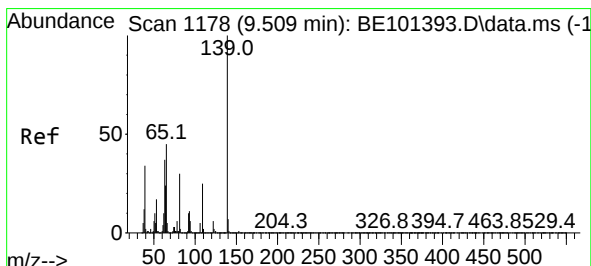
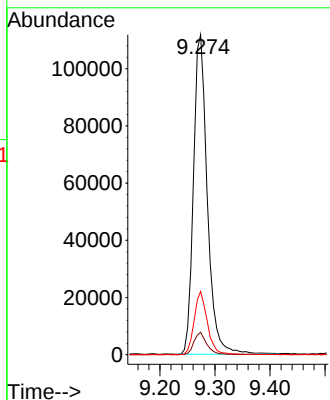
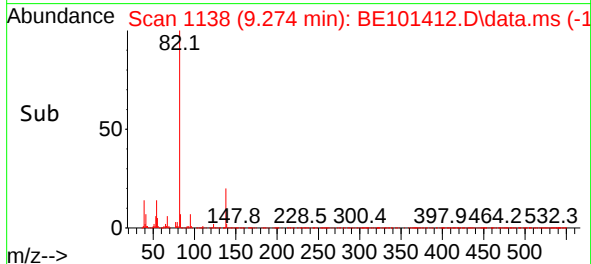
Instrument : BNA_E
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 82 Resp: 195524
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 19.8 15.0 22.4

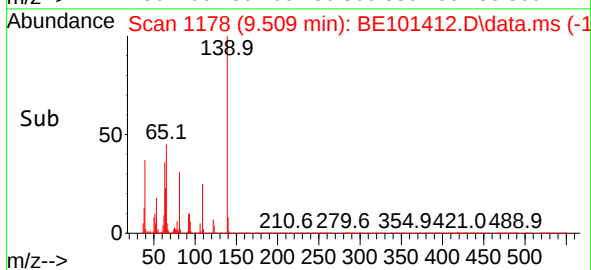
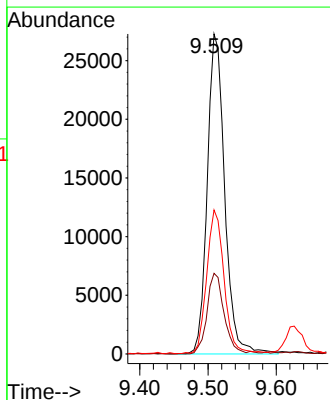
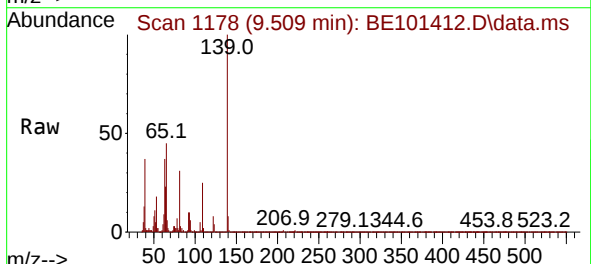
Manual Integrations
APPROVED

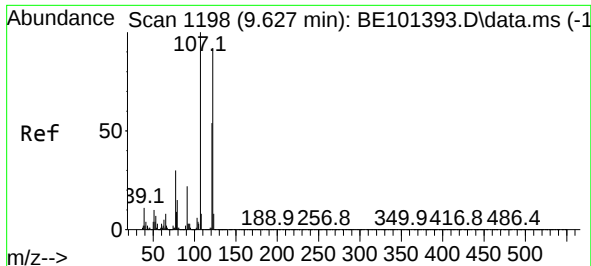
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#26
2-Nitrophenol
Concen: 7.788 ng
RT: 9.509 min Scan# 1178
Delta R.T. -0.001 min
Lab File: BE101412.D
Acq: 29 Oct 2024 18:04

Tgt Ion:139 Resp: 48485
Ion Ratio Lower Upper
139 100
109 25.2 20.1 30.1
65 45.0 36.0 54.0





#27

2,4-Dimethylphenol

Concen: 5.405 ng

RT: 9.626 min Scan# 1198

Delta R.T. -0.001 min

Lab File: BE101412.D

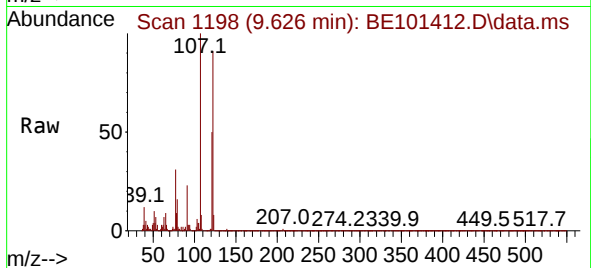
Acq: 29 Oct 2024 18:04

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

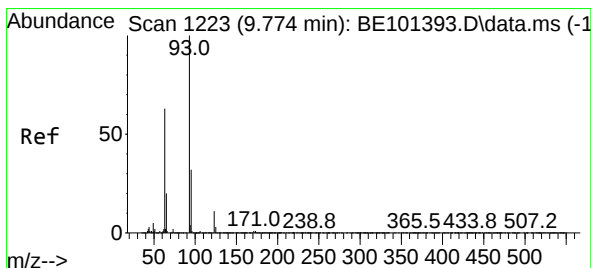
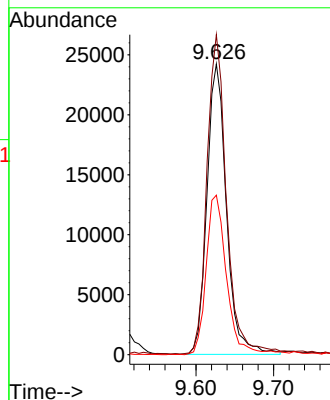
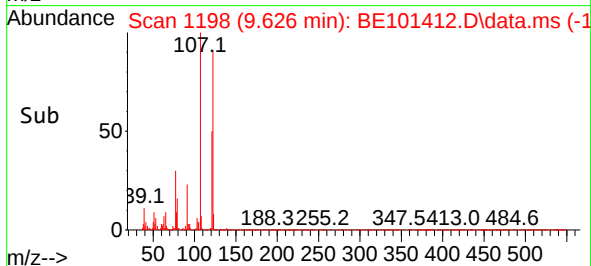


Tgt Ion:	122	Resp:	4234
Ion	Ratio	Lower	Upper
122	100		
107	110.1	87.4	131.0
121	54.9	47.4	71.0

Manual Integrations

APPROVED

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



#28

bis(2-Chloroethoxy)methane

Concen: 8.200 ng

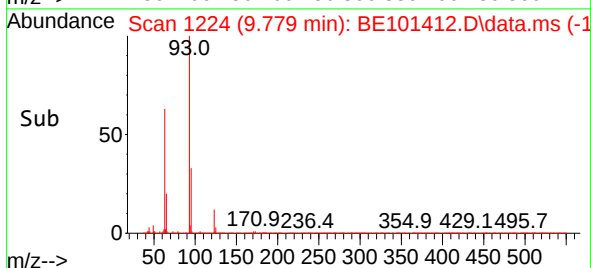
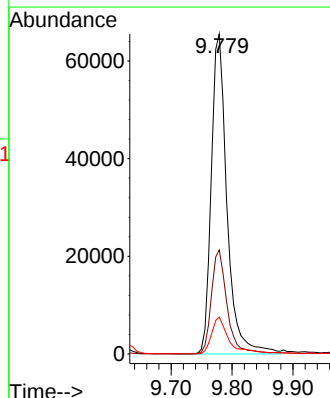
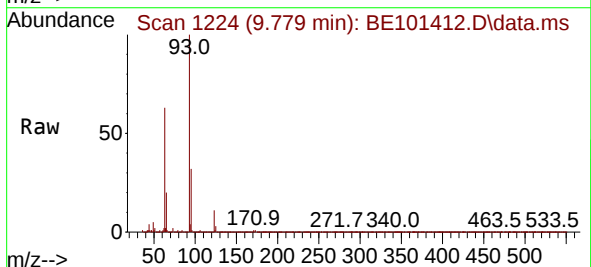
RT: 9.779 min Scan# 1224

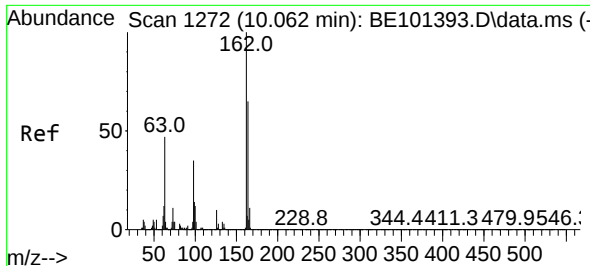
Delta R.T. 0.005 min

Lab File: BE101412.D

Acq: 29 Oct 2024 18:04

Tgt Ion:	93	Resp:	117446
Ion	Ratio	Lower	Upper
93	100		
95	32.5	25.8	38.6
123	11.5	8.6	13.0





#29

2,4-Dichlorophenol

Concen: 7.873 ng

RT: 10.055 min Scan# 1272

Delta R.T. -0.007 min

Lab File: BE101412.D

Acq: 29 Oct 2024 18:04

Instrument :

BNA_E

ClientSampleId :

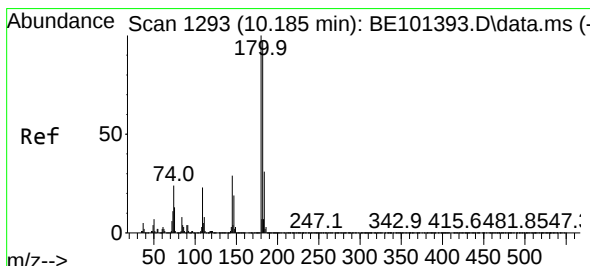
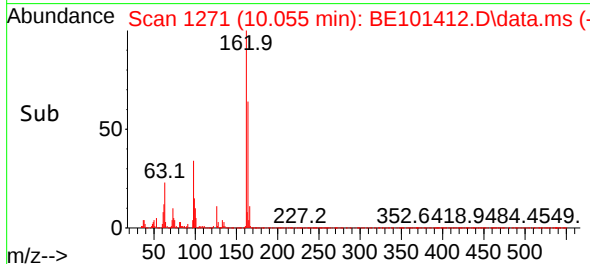
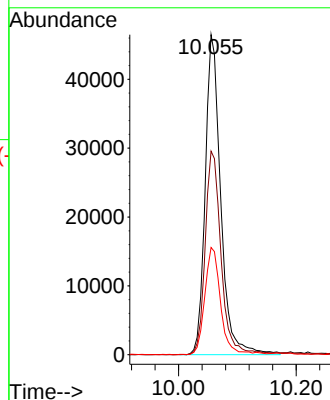
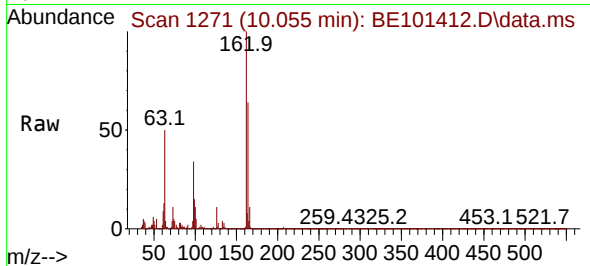
LOD-MDL-WATER-01-QT4-2024

Tgt Ion:162	Resp:	8533
Ion Ratio	Lower	Upper
162	100	
164	63.6	45.4 85.4
98	33.5	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: 8.011 ng

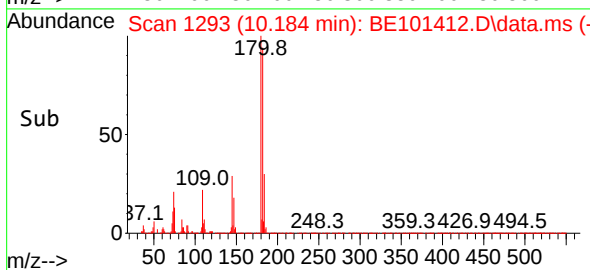
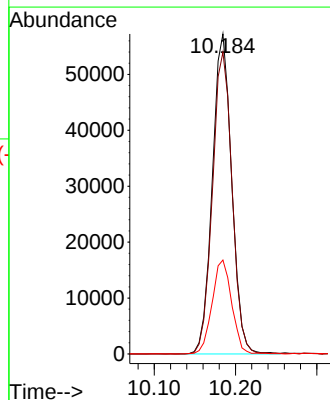
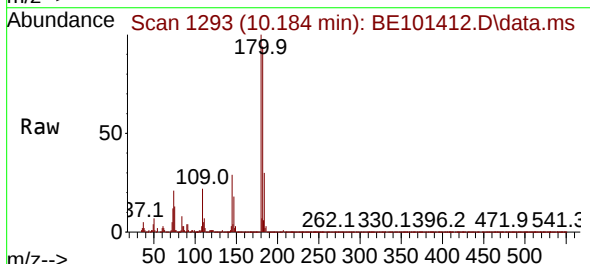
RT: 10.184 min Scan# 1293

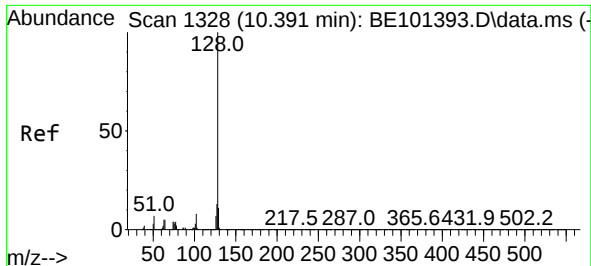
Delta R.T. -0.001 min

Lab File: BE101412.D

Acq: 29 Oct 2024 18:04

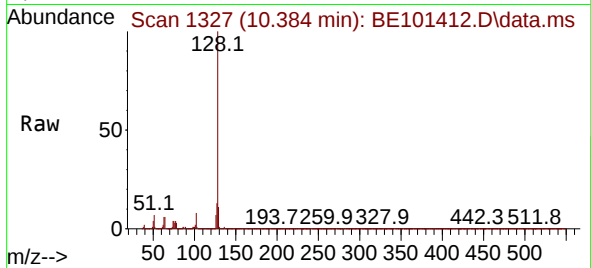
Tgt Ion:180	Resp:	94590
Ion Ratio	Lower	Upper
180	100	
182	94.3	77.4 116.0
145	29.3	23.3 34.9





#31
Naphthalene
Concen: 8.273 ng
RT: 10.384 min Scan# 11
Delta R.T. -0.007 min
Lab File: BE101412.D
Acq: 29 Oct 2024 18:04

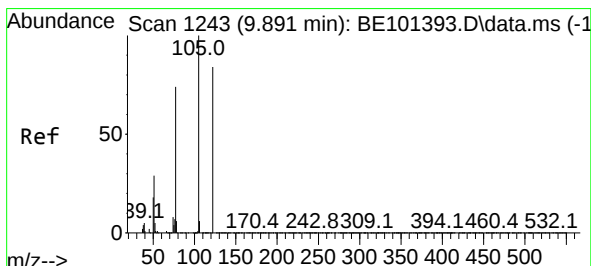
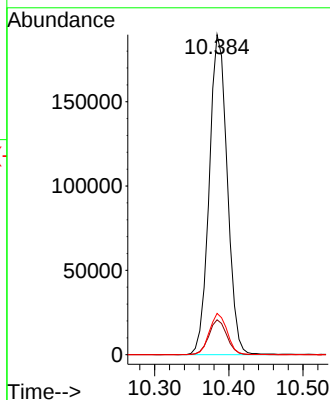
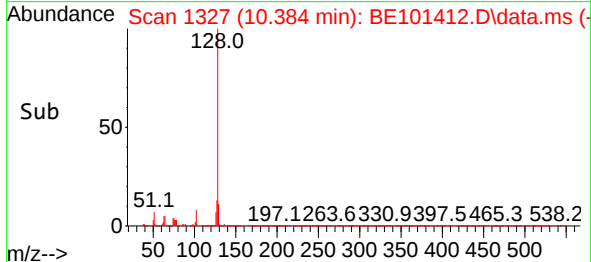
Instrument :
BNA_E
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:128 Resp: 32048
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 12.9 10.3 15.5

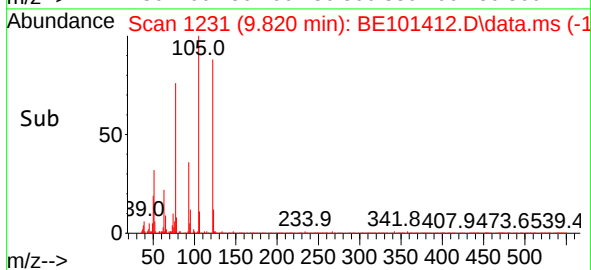
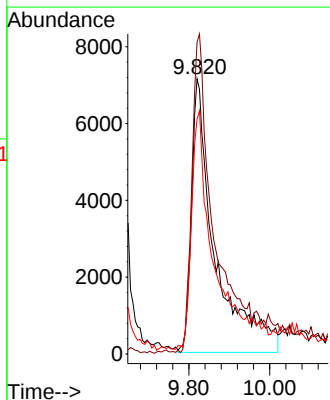
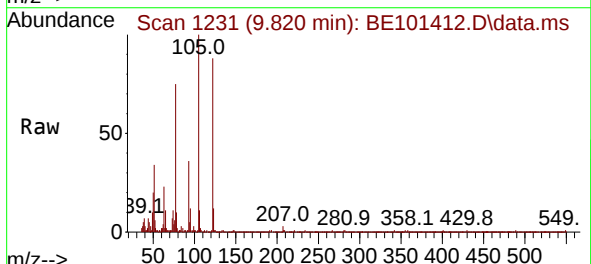
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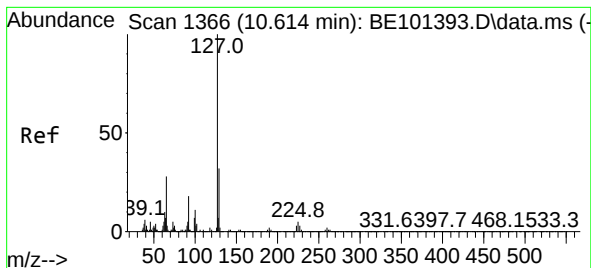
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#32
Benzoic acid
Concen: 11.168 ng m
RT: 9.820 min Scan# 1231
Delta R.T. -0.071 min
Lab File: BE101412.D
Acq: 29 Oct 2024 18:04

Tgt Ion:122 Resp: 28709
Ion Ratio Lower Upper
122 100
105 113.3 97.9 137.9
77 85.3 68.1 108.1





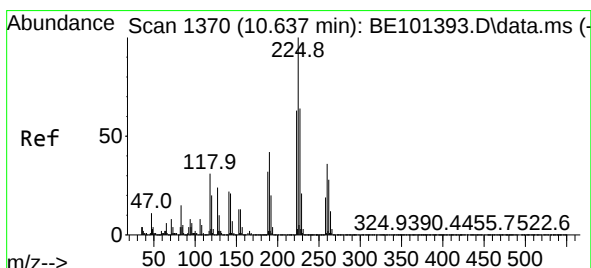
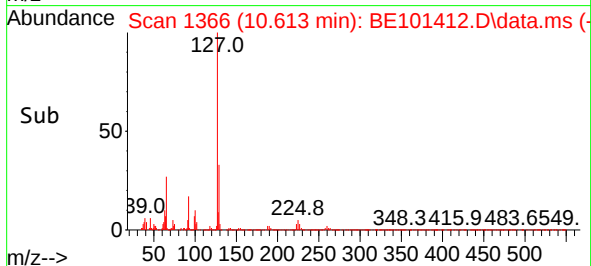
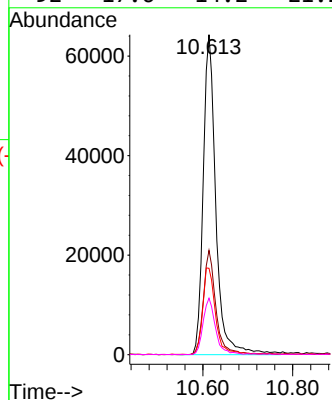
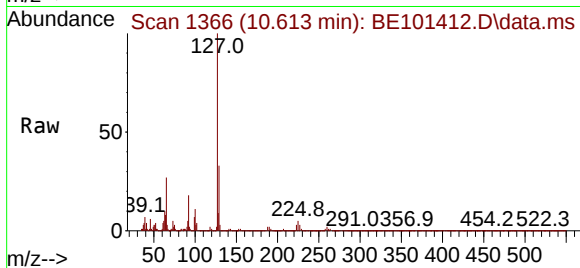
#33
4-Chloroaniline
Concen: 9.329 ng
RT: 10.613 min Scan# 1366
Delta R.T. -0.001 min
Lab File: BE101412.D
Acq: 29 Oct 2024 18:04

Instrument : BNA_E
ClientSampleId : LOD-MDL-WATER-01-QT4-2024

Tgt Ion:	127	Resp:	12566
Ion Ratio	Lower	Upper	
127	100		
129	32.6	25.7	38.5
65	27.0	22.2	33.4
92	17.6	14.2	21.2

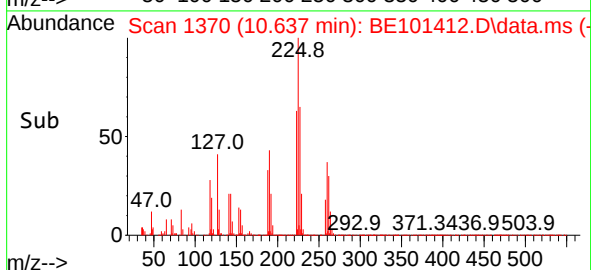
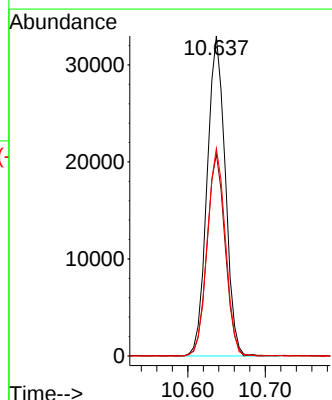
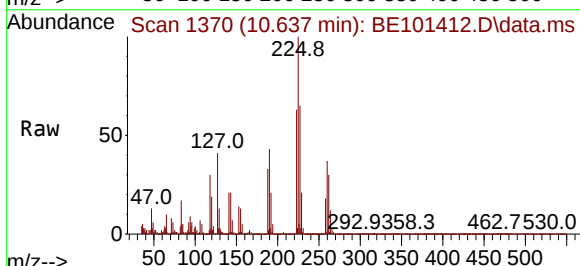
Manual Integrations
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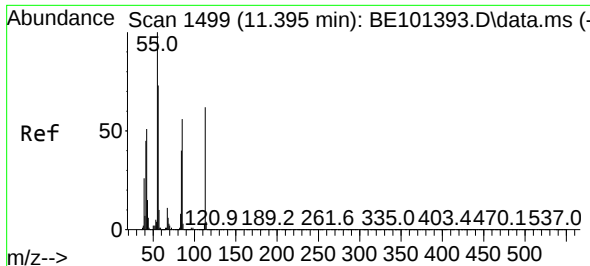
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#34
Hexachlorobutadiene
Concen: 7.665 ng
RT: 10.637 min Scan# 1370
Delta R.T. -0.001 min
Lab File: BE101412.D
Acq: 29 Oct 2024 18:04

Tgt Ion:	225	Resp:	53571
Ion Ratio	Lower	Upper	
225	100		
223	63.0	50.5	75.7
227	64.8	51.0	76.6





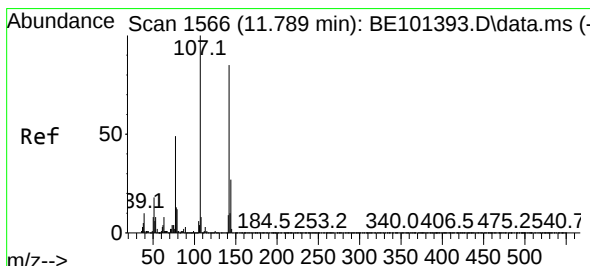
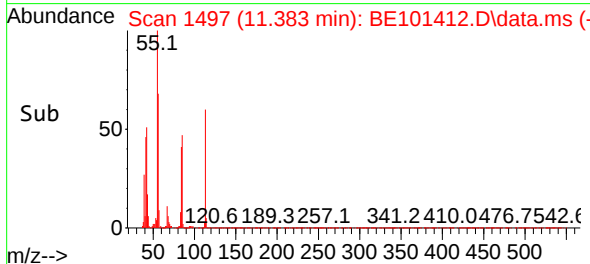
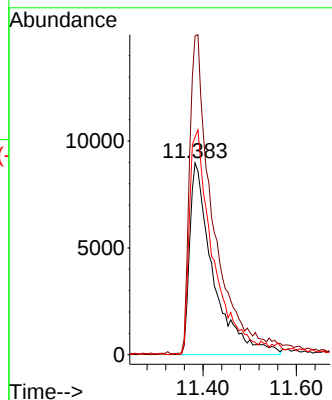
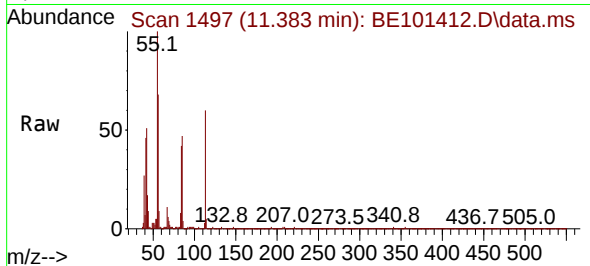
#35
Caprolactam
Concen: 7.492 ng m
RT: 11.383 min Scan# 1499
Delta R.T. -0.012 min
Lab File: BE101412.D
Acq: 29 Oct 2024 18:04

Instrument :
BNA_E
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Tgt Ion:113 Resp: 3112
Ion Ratio Lower Upper
113 100
55 166.3 141.2 181.2
56 113.7 96.9 136.9

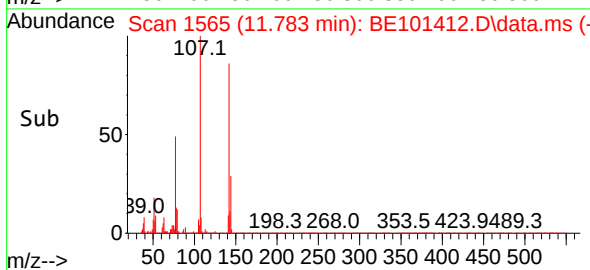
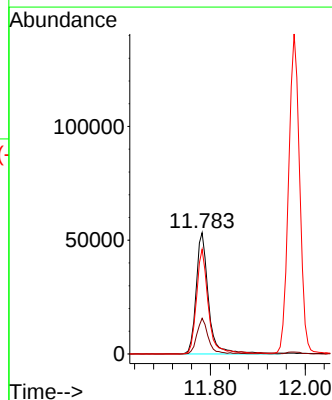
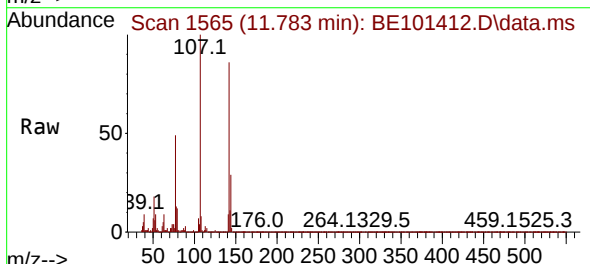
Manual Integrations
APPROVED

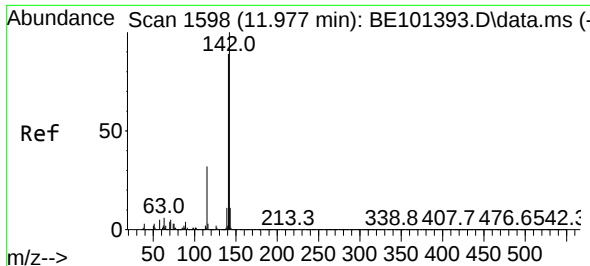
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#36
4-Chloro-3-methylphenol
Concen: 7.783 ng
RT: 11.783 min Scan# 1565
Delta R.T. -0.007 min
Lab File: BE101412.D
Acq: 29 Oct 2024 18:04

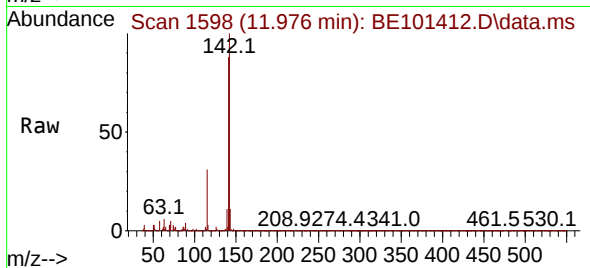
Tgt Ion:107 Resp: 96043
Ion Ratio Lower Upper
107 100
144 29.5 21.9 32.9
142 86.3 68.0 102.0





#37
2-Methylnaphthalene
Concen: 8.100 ng
RT: 11.976 min Scan# 1598
Delta R.T. -0.001 min
Lab File: BE101412.D
Acq: 29 Oct 2024 18:04

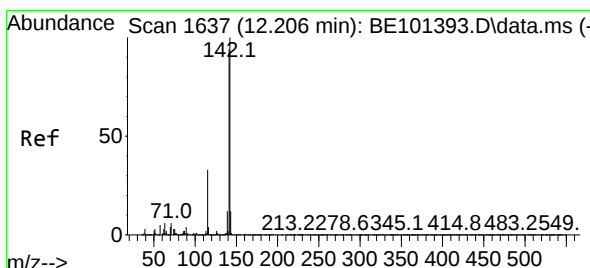
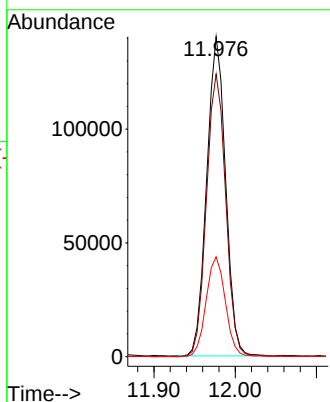
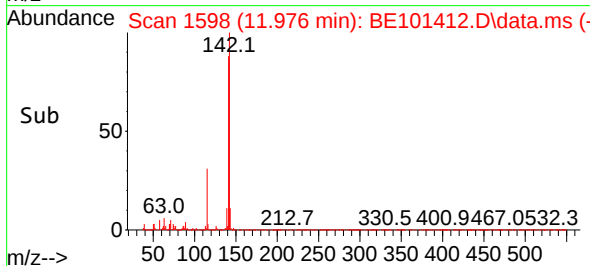
Instrument : BNA_E
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



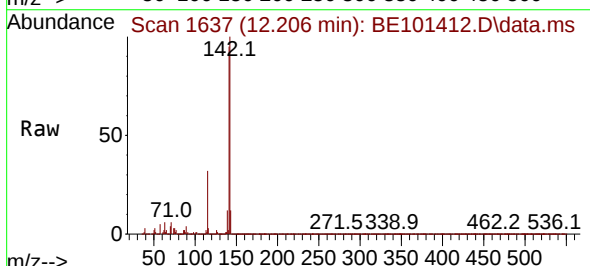
Tgt Ion:142 Resp: 226039
Ion Ratio Lower Upper
142 100
141 88.3 71.4 107.2
115 31.2 25.6 38.4

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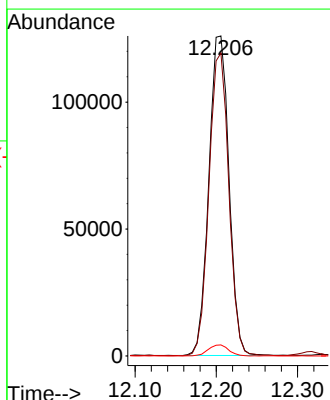
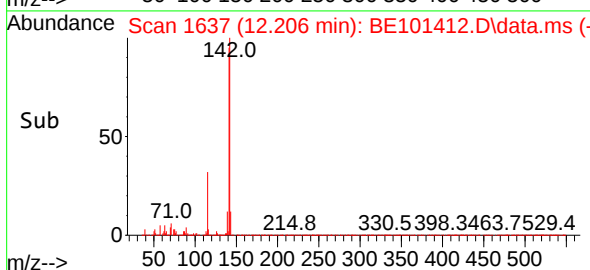
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

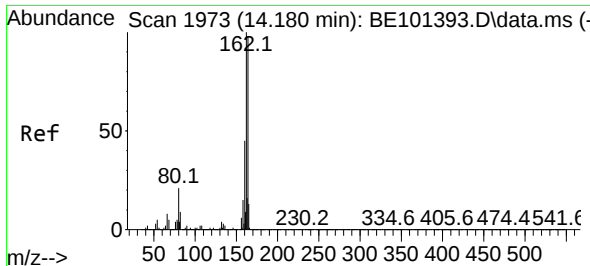


#38
1-Methylnaphthalene
Concen: 7.779 ng
RT: 12.206 min Scan# 1637
Delta R.T. -0.001 min
Lab File: BE101412.D
Acq: 29 Oct 2024 18:04



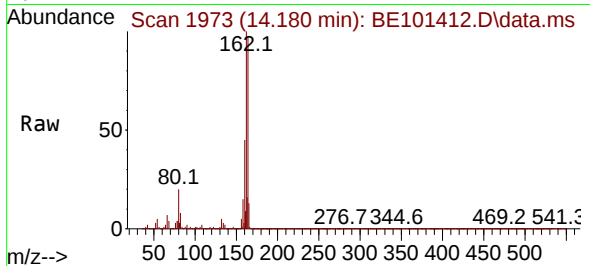
Tgt Ion:142 Resp: 216665
Ion Ratio Lower Upper
142 100
141 94.7 75.0 112.4
116 3.5 2.9 4.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.180 min Scan# 1973
Delta R.T. -0.001 min
Lab File: BE101412.D
Acq: 29 Oct 2024 18:04

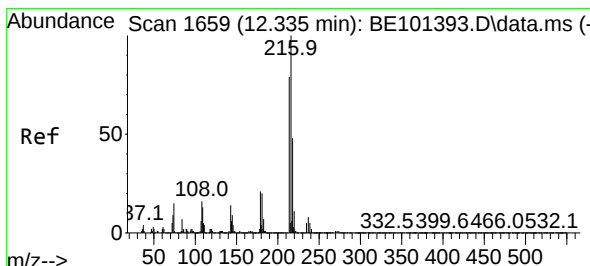
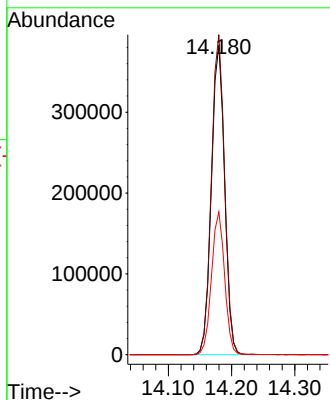
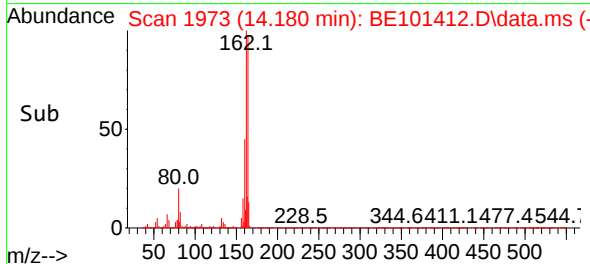
Instrument : BNA_E
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



Tgt Ion:164 Resp: 554059
Ion Ratio Lower Upper
164 100
162 103.3 81.3 121.9
160 46.1 36.4 54.6

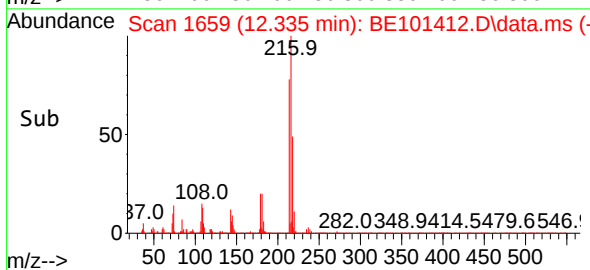
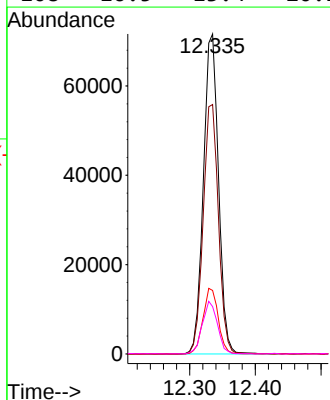
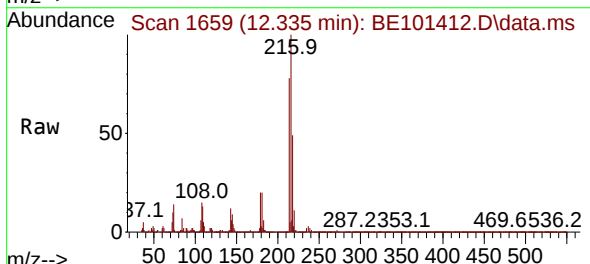
Manual Integrations
APPROVED

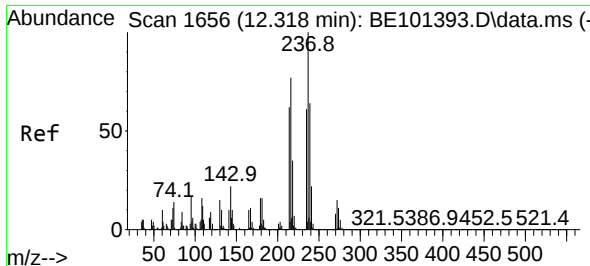
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.260 ng
RT: 12.335 min Scan# 1659
Delta R.T. -0.001 min
Lab File: BE101412.D
Acq: 29 Oct 2024 18:04

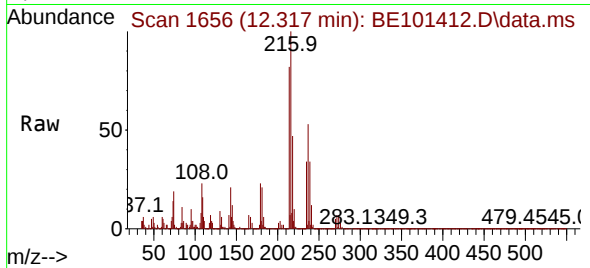
Tgt Ion:216 Resp: 114892
Ion Ratio Lower Upper
216 100
214 78.9 63.0 94.4
179 20.6 16.7 25.1
108 16.5 13.4 20.2





#41
Hexachlorocyclopentadiene
Concen: 4.508 ng
RT: 12.317 min Scan# 1656
Delta R.T. -0.001 min
Lab File: BE101412.D
Acq: 29 Oct 2024 18:04

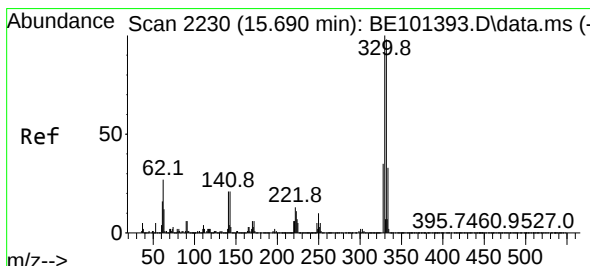
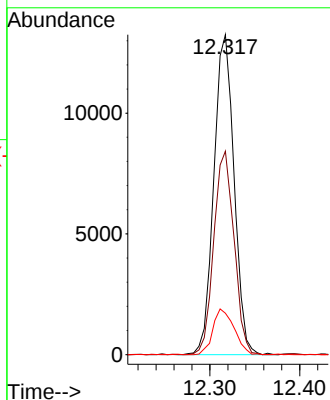
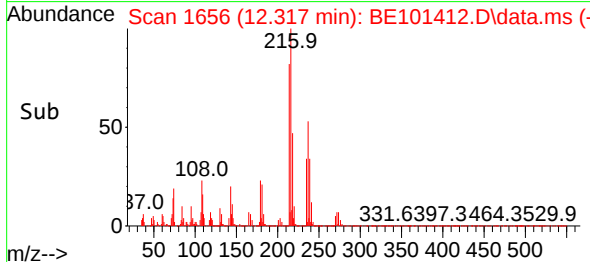
Instrument : BNA_E
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 237 Resp: 20700
Ion Ratio Lower Upper
237 100
235 63.6 41.3 81.3
272 13.0 0.0 34.6

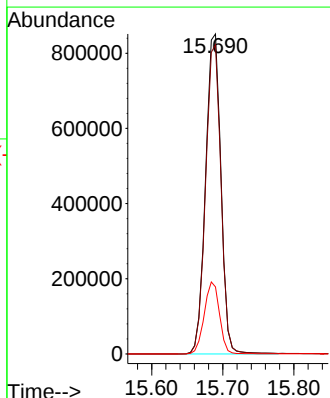
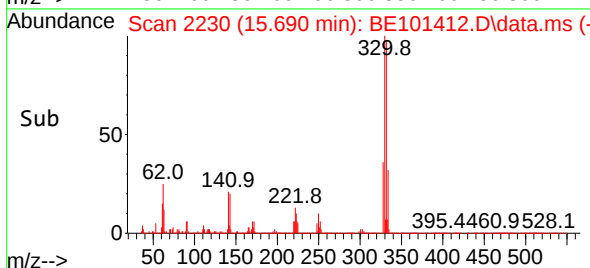
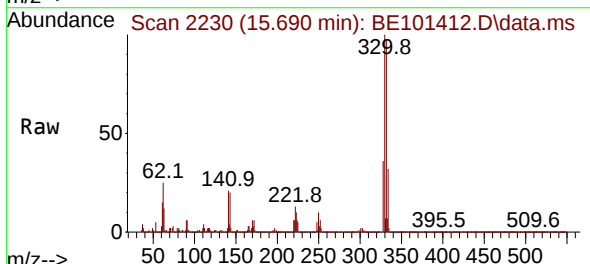
Manual Integrations
APPROVED

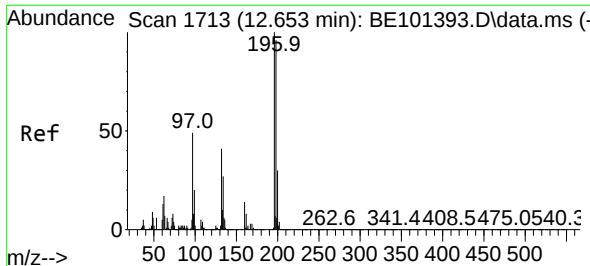
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#42
2,4,6-Tribromophenol
Concen: 132.006 ng
RT: 15.690 min Scan# 2230
Delta R.T. -0.001 min
Lab File: BE101412.D
Acq: 29 Oct 2024 18:04

Tgt Ion: 330 Resp: 1281894
Ion Ratio Lower Upper
330 100
332 97.0 78.2 117.2
141 22.4 18.3 27.5





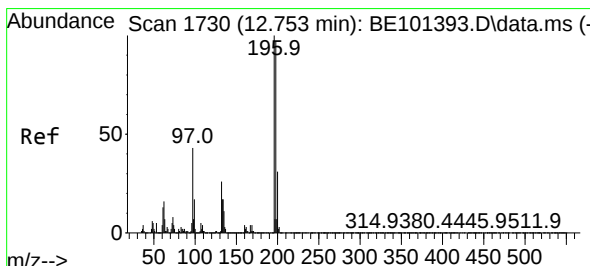
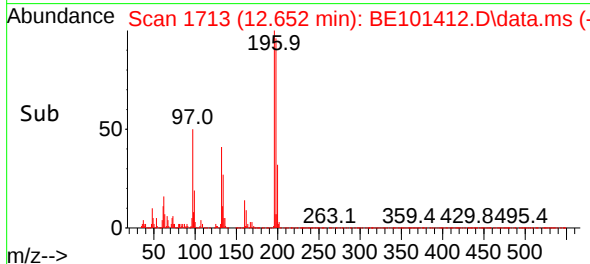
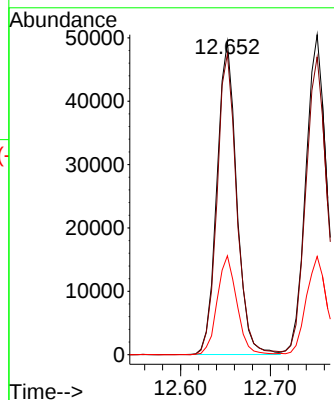
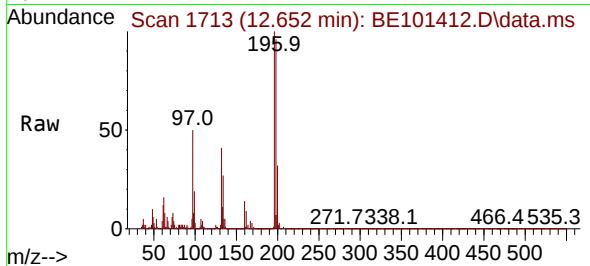
#43
2,4,6-Trichlorophenol
Concen: 7.868 ng
RT: 12.652 min Scan# 1713
Delta R.T. -0.001 min
Lab File: BE101412.D
Acq: 29 Oct 2024 18:04

Instrument : BNA_E
ClientSampleId : LOD-MDL-WATER-01-QT4-2024

Tgt Ion:196 Resp: 75438
Ion Ratio Lower Upper
196 100
198 96.1 76.6 115.0
200 31.6 24.1 36.1

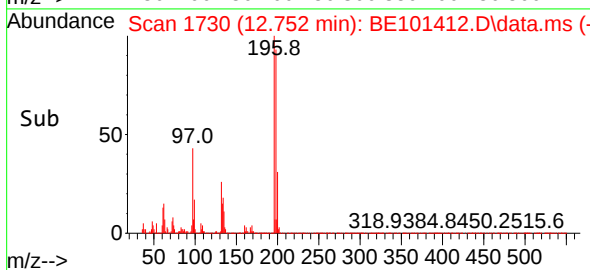
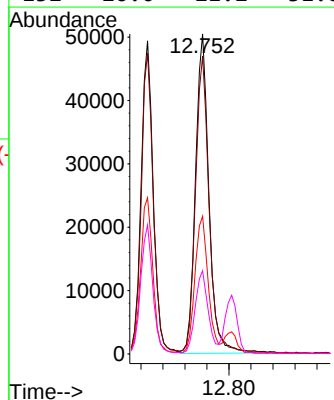
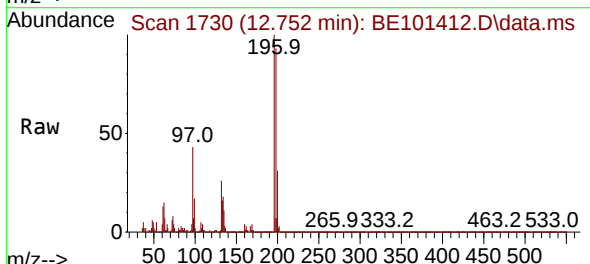
Manual Integrations
APPROVED

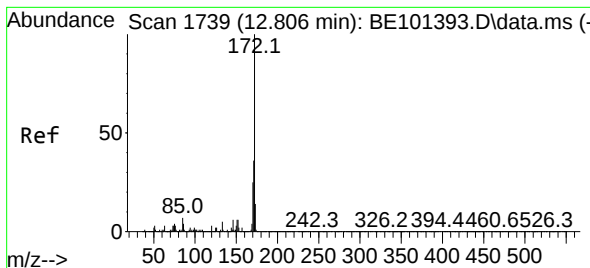
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#44
2,4,5-Trichlorophenol
Concen: 7.826 ng
RT: 12.752 min Scan# 1730
Delta R.T. -0.001 min
Lab File: BE101412.D
Acq: 29 Oct 2024 18:04

Tgt Ion:196 Resp: 85938
Ion Ratio Lower Upper
196 100
198 93.1 77.4 116.0
97 43.0 34.8 52.2
132 26.0 21.2 31.8





#45

2-Fluorobiphenyl

Concen: 87.239 ng

RT: 12.805 min Scan# 1739

Delta R.T. -0.001 min

Lab File: BE101412.D

Acq: 29 Oct 2024 18:04

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

Tgt Ion:172 Resp: 285412

Ion Ratio Lower Upper

172 100

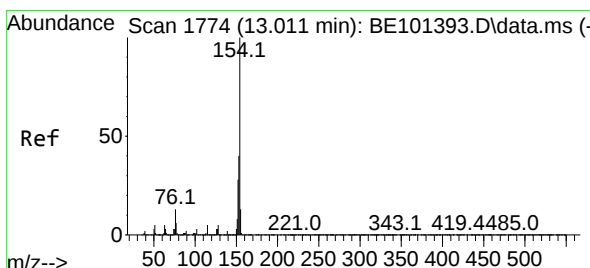
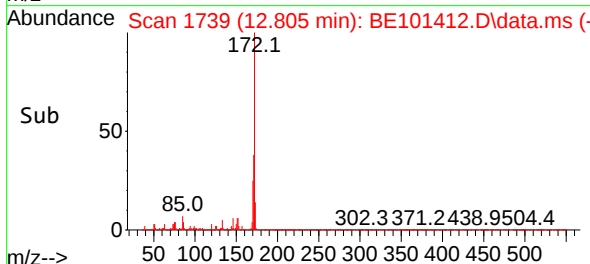
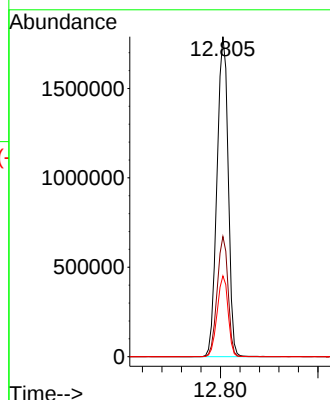
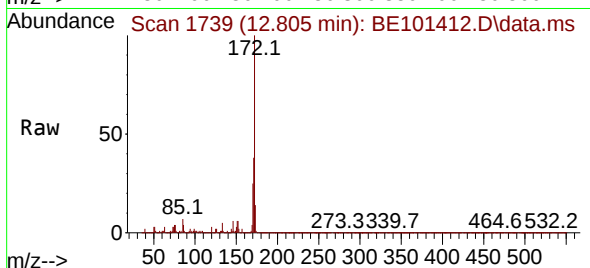
171 37.5 29.2 43.8

170 25.3 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: 8.589 ng

RT: 13.005 min Scan# 1773

Delta R.T. -0.007 min

Lab File: BE101412.D

Acq: 29 Oct 2024 18:04

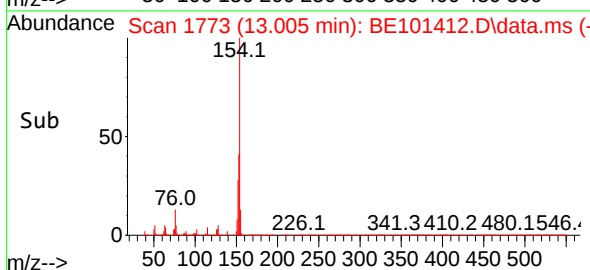
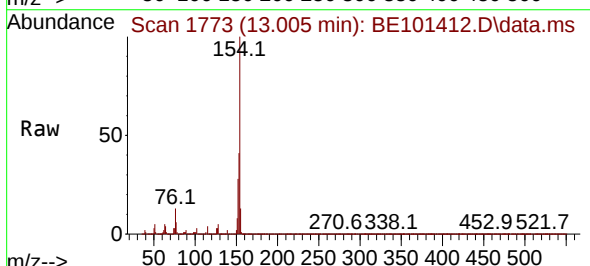
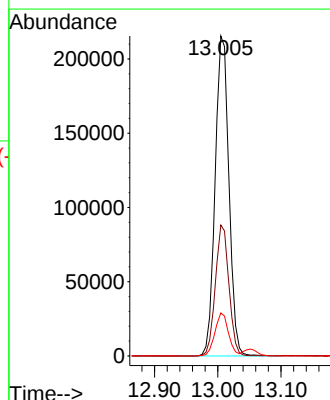
Tgt Ion:154 Resp: 326052

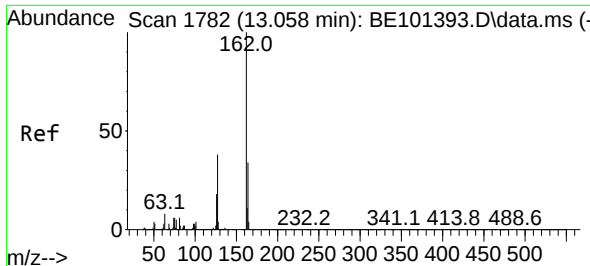
Ion Ratio Lower Upper

154 100

153 40.9 20.3 60.3

76 13.5 0.0 32.6





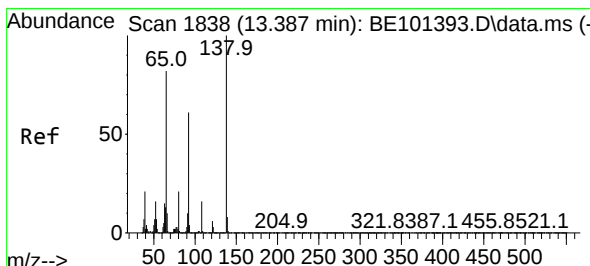
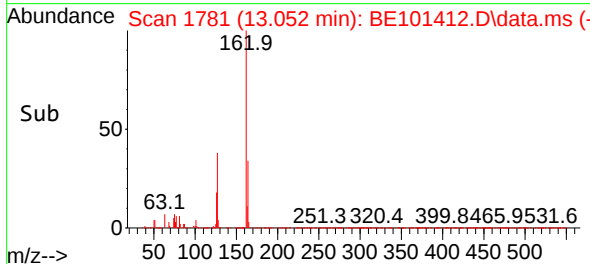
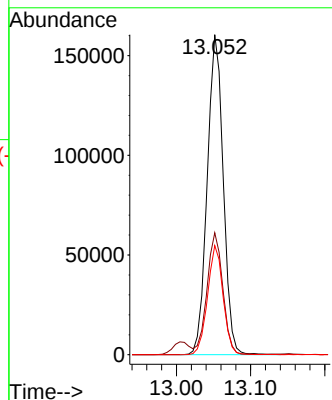
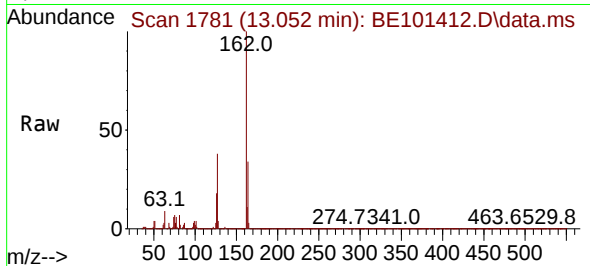
#47
2-Chloronaphthalene
Concen: 8.052 ng
RT: 13.052 min Scan# 1782
Delta R.T. -0.007 min
Lab File: BE101412.D
Acq: 29 Oct 2024 18:04

Instrument : BNA_E
ClientSampleId : LOD-MDL-WATER-01-QT4-2024

Tgt Ion:162 Resp: 241460
Ion Ratio Lower Upper
162 100
127 38.1 30.4 45.6
164 34.1 27.0 40.6

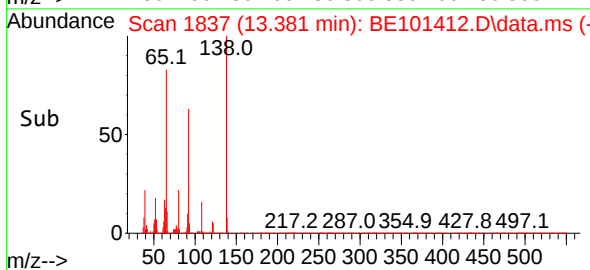
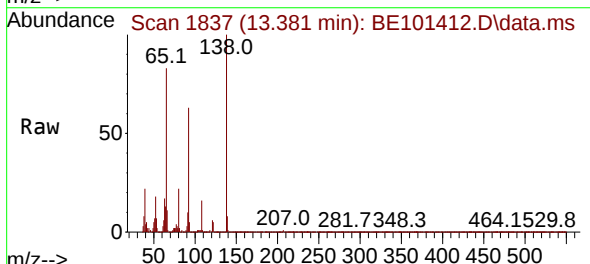
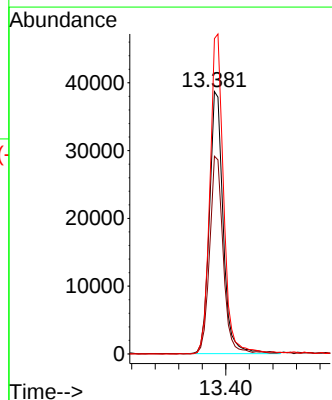
Manual Integrations
APPROVED

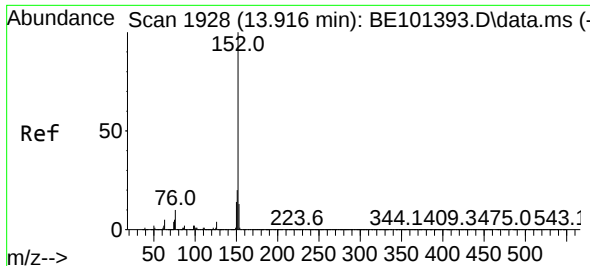
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#48
2-Nitroaniline
Concen: 7.785 ng
RT: 13.381 min Scan# 1837
Delta R.T. -0.007 min
Lab File: BE101412.D
Acq: 29 Oct 2024 18:04

Tgt Ion: 65 Resp: 62833
Ion Ratio Lower Upper
65 100
92 75.4 59.0 88.4
138 120.2 97.4 146.0





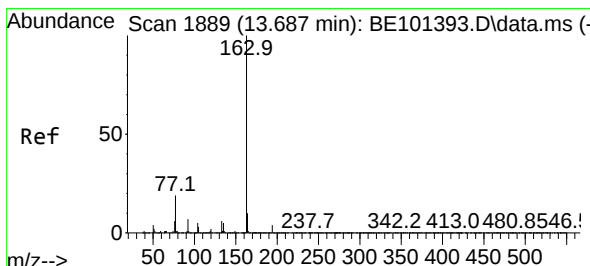
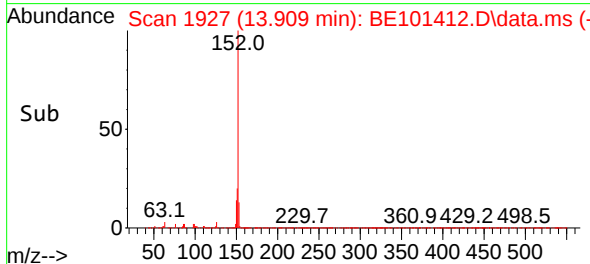
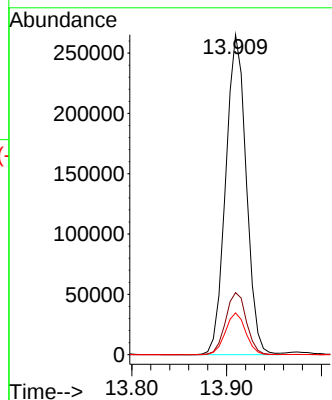
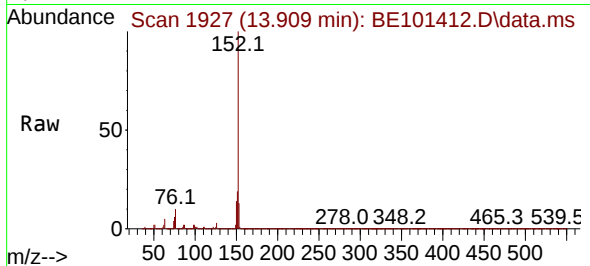
#49
Acenaphthylene
Concen: 9.007 ng
RT: 13.909 min Scan# 1927
Delta R.T. -0.007 min
Lab File: BE101412.D
Acq: 29 Oct 2024 18:04

Instrument : BNA_E
ClientSampleId : LOD-MDL-WATER-01-QT4-2024

Tgt Ion:152 Resp: 399472
Ion Ratio Lower Upper
152 100
151 19.4 16.2 24.4
153 13.0 10.5 15.7

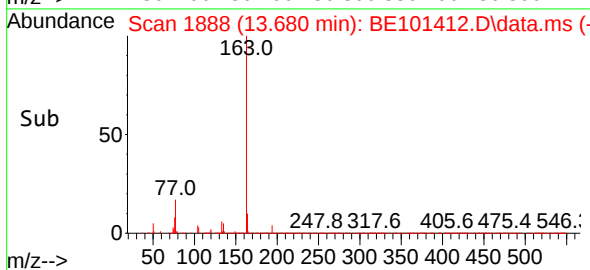
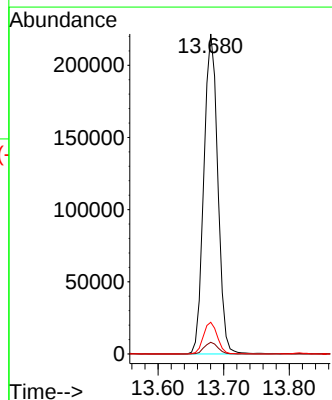
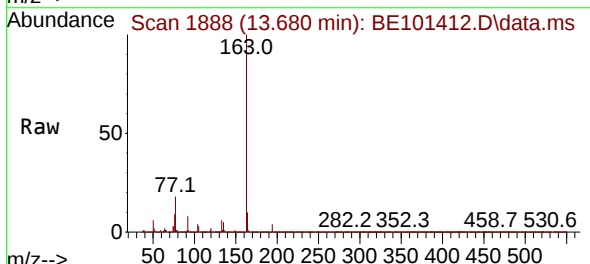
Manual Integrations
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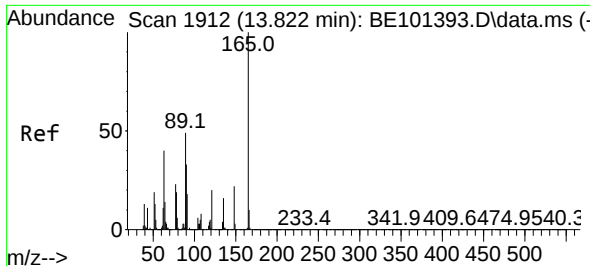
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#50
Dimethylphthalate
Concen: 8.401 ng
RT: 13.680 min Scan# 1888
Delta R.T. -0.007 min
Lab File: BE101412.D
Acq: 29 Oct 2024 18:04

Tgt Ion:163 Resp: 328573
Ion Ratio Lower Upper
163 100
194 3.6 2.9 4.3
164 9.9 8.4 12.6





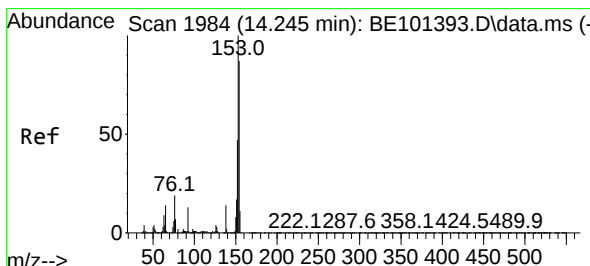
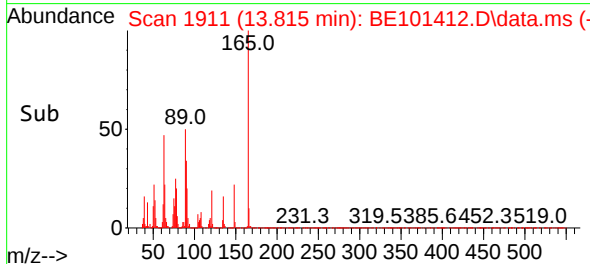
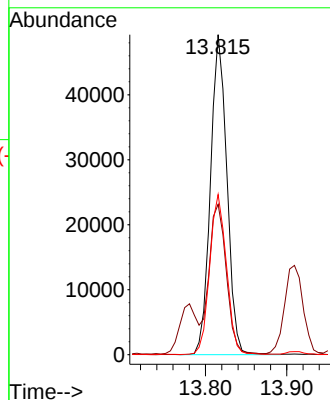
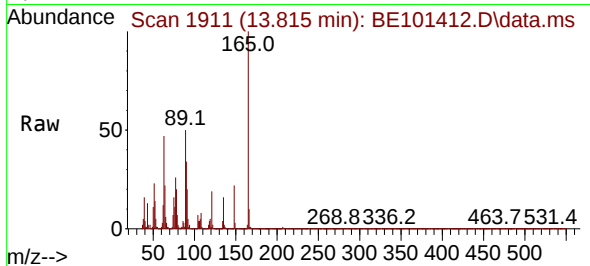
#51
2,6-Dinitrotoluene
Concen: 7.655 ng
RT: 13.815 min Scan# 1911
Delta R.T. -0.007 min
Lab File: BE101412.D
Acq: 29 Oct 2024 18:04

Instrument : BNA_E
ClientSampleId : LOD-MDL-WATER-01-QT4-2024

Tgt Ion:165 Resp: 69110
Ion Ratio Lower Upper
165 100
63 47.0 38.0 57.0
89 50.0 39.5 59.3

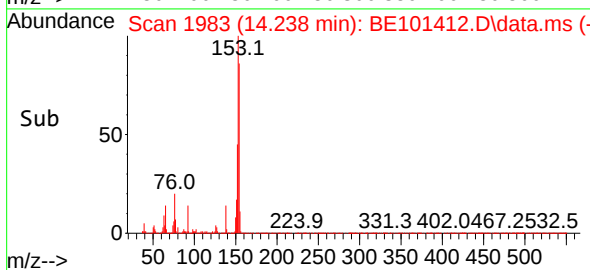
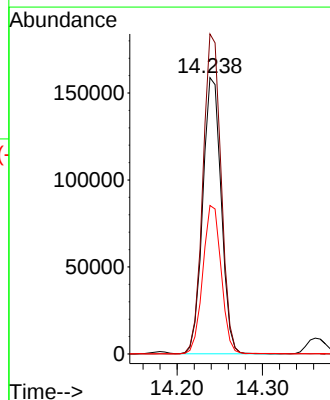
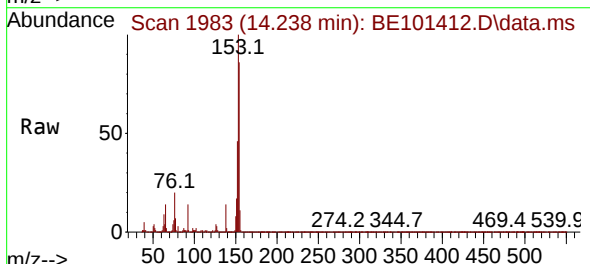
Manual Integrations
APPROVED

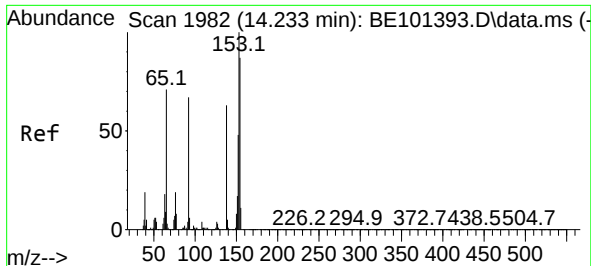
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#52
Acenaphthene
Concen: 8.232 ng
RT: 14.238 min Scan# 1983
Delta R.T. -0.007 min
Lab File: BE101412.D
Acq: 29 Oct 2024 18:04

Tgt Ion:154 Resp: 238399
Ion Ratio Lower Upper
154 100
153 115.8 91.8 137.6
152 53.7 43.1 64.7





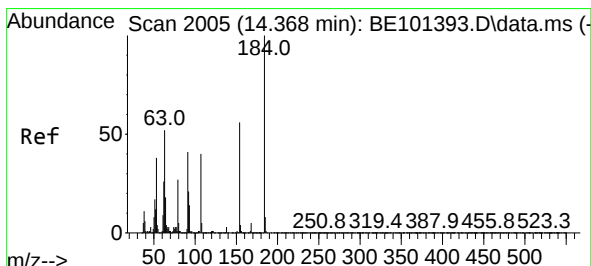
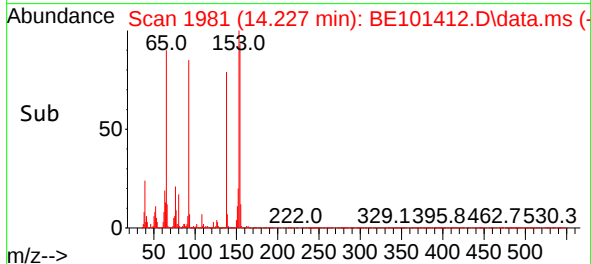
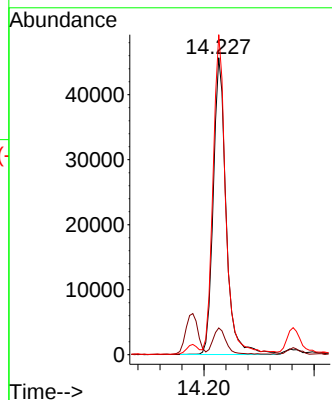
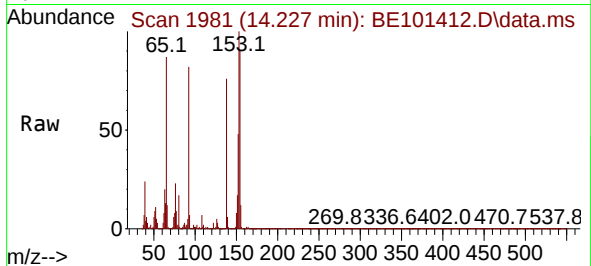
#53
3-Nitroaniline
Concen: 8.273 ng
RT: 14.227 min Scan# 1981
Delta R.T. -0.007 min
Lab File: BE101412.D
Acq: 29 Oct 2024 18:04

Instrument : BNA_E
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Tgt Ion:138 Resp: 74279
Ion Ratio Lower Upper
138 100
108 9.0 7.1 10.7
92 107.8 84.4 126.6

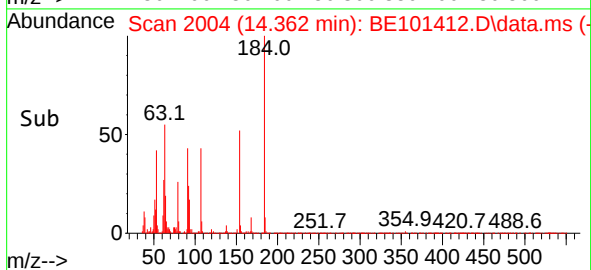
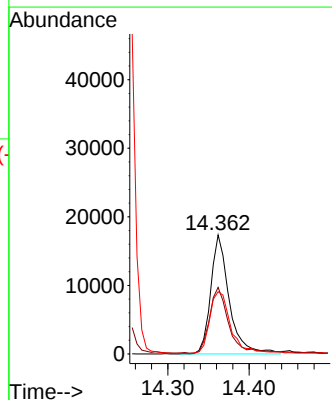
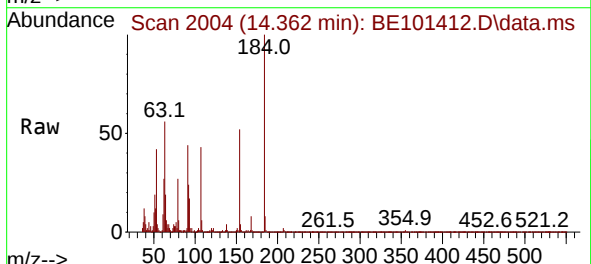
Manual Integrations
APPROVED

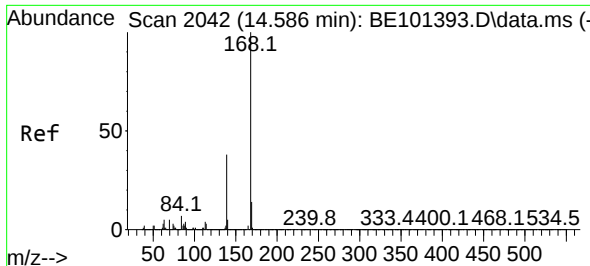
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#54
2,4-Dinitrophenol
Concen: 9.605 ng
RT: 14.362 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BE101412.D
Acq: 29 Oct 2024 18:04

Tgt Ion:184 Resp: 27522
Ion Ratio Lower Upper
184 100
63 56.0 41.8 62.6
154 52.3 44.9 67.3





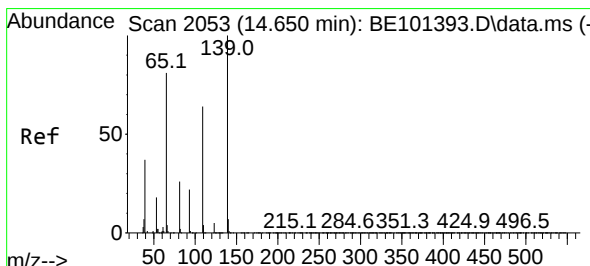
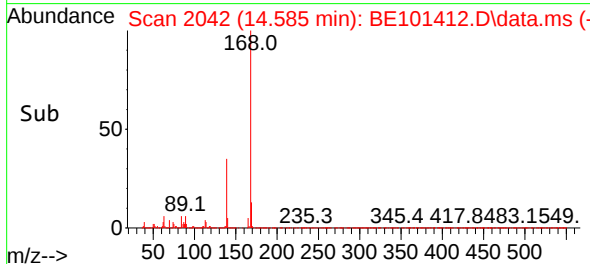
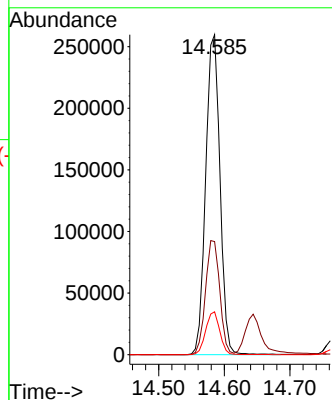
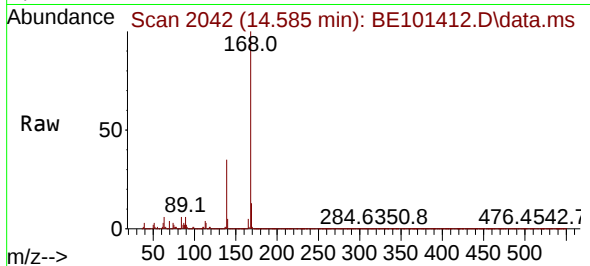
#55
Dibenzenofuran
Concen: 8.530 ng
RT: 14.585 min Scan# 2042
Delta R.T. -0.001 min
Lab File: BE101412.D
Acq: 29 Oct 2024 18:04

Instrument : BNA_E
ClientSampleId : LOD-MDL-WATER-01-QT4-2024

Tgt Ion:168 Resp: 393710
Ion Ratio Lower Upper
168 100
139 35.4 30.2 45.4
169 13.4 11.0 16.4

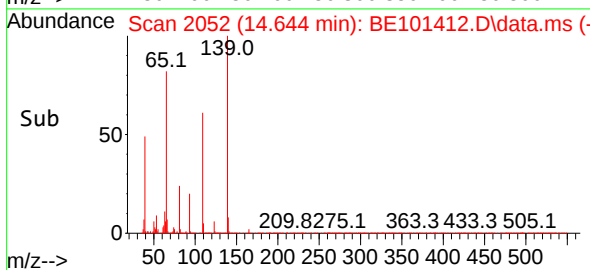
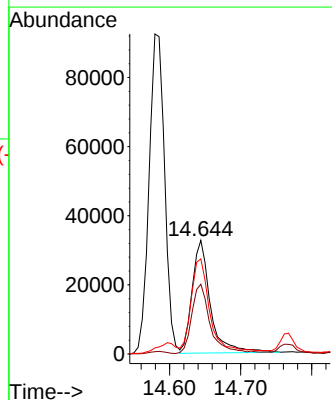
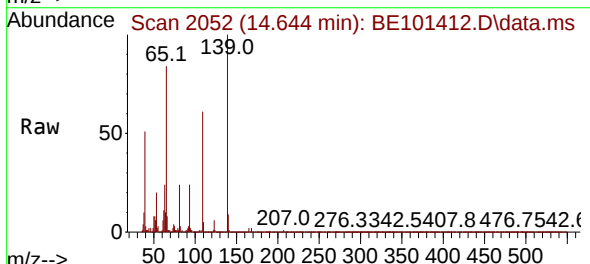
Manual Integrations
APPROVED

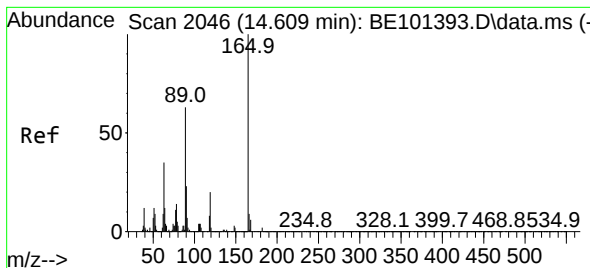
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#56
4-Nitrophenol
Concen: 7.070 ng
RT: 14.644 min Scan# 2052
Delta R.T. -0.006 min
Lab File: BE101412.D
Acq: 29 Oct 2024 18:04

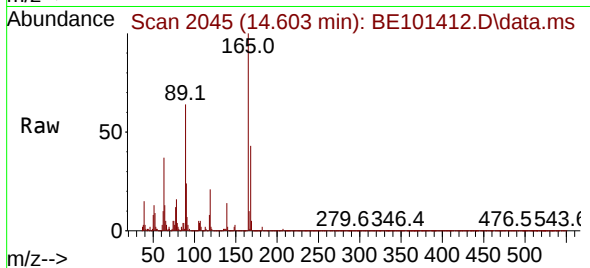
Tgt Ion:139 Resp: 58131
Ion Ratio Lower Upper
139 100
109 61.5 42.4 82.4
65 83.6 63.4 103.4





#57
2,4-Dinitrotoluene
Concen: 7.517 ng
RT: 14.603 min Scan# 2046
Delta R.T. -0.007 min
Lab File: BE101412.D
Acq: 29 Oct 2024 18:04

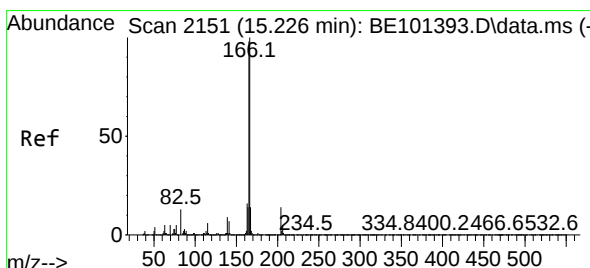
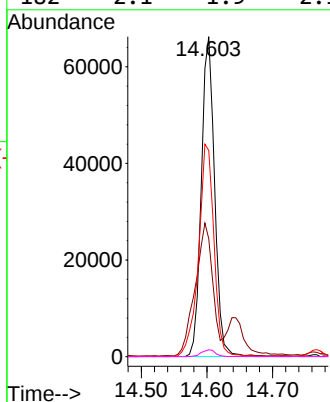
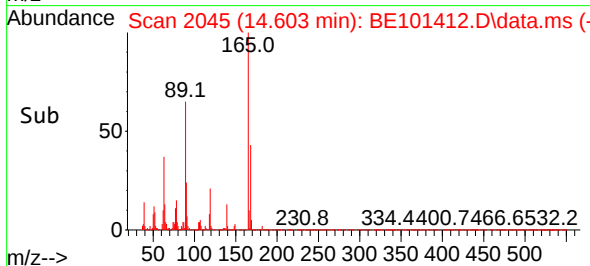
Instrument : BNA_E
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



Tgt Ion:165 Resp: 9344
Ion Ratio Lower Upper
165 100
63 36.9 28.6 42.8
89 64.5 50.8 76.2
182 2.1 1.9 2.9

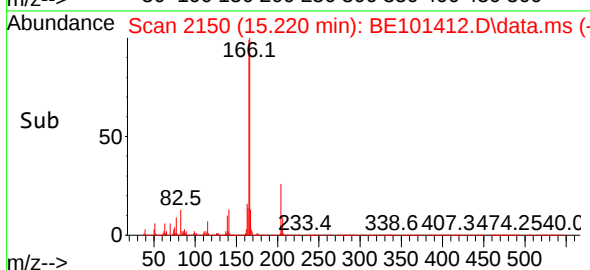
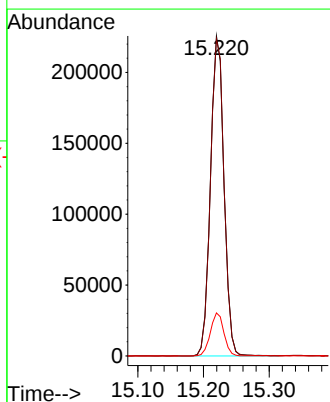
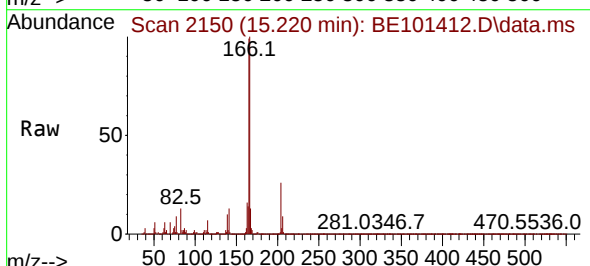
Manual Integrations
APPROVED

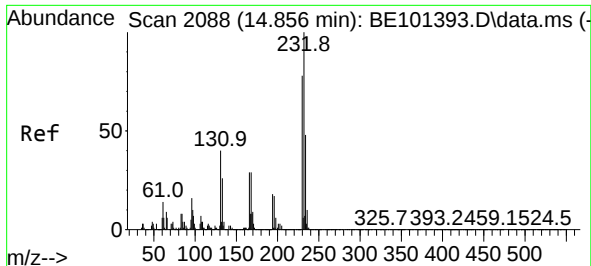
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#58
Fluorene
Concen: 8.375 ng
RT: 15.220 min Scan# 2150
Delta R.T. -0.007 min
Lab File: BE101412.D
Acq: 29 Oct 2024 18:04

Tgt Ion:166 Resp: 323385
Ion Ratio Lower Upper
166 100
165 99.1 78.7 118.1
167 13.5 11.0 16.4





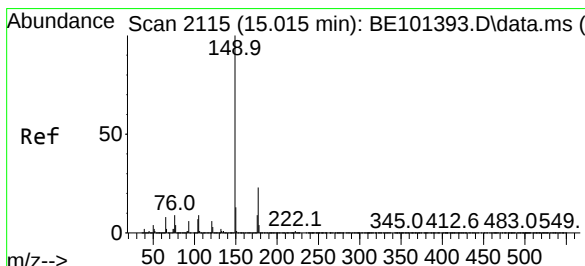
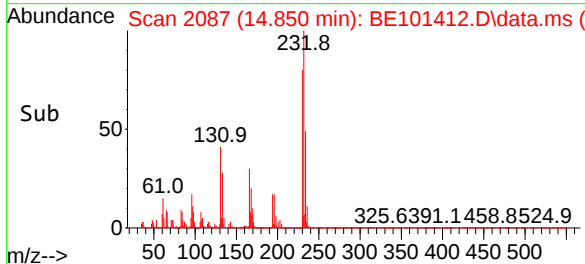
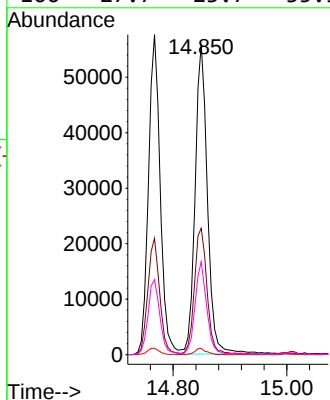
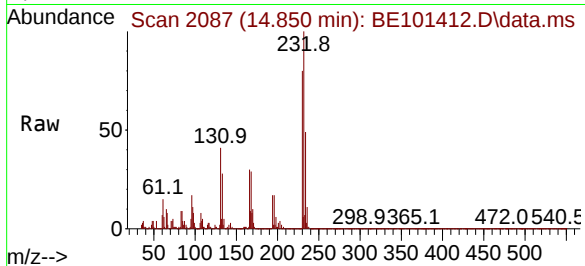
#59
2,3,4,6-Tetrachlorophenol
Concen: 8.320 ng
RT: 14.850 min Scan# 2088
Delta R.T. -0.007 min
Lab File: BE101412.D
Acq: 29 Oct 2024 18:04

Instrument : BNA_E
ClientSampleId : LOD-MDL-WATER-01-QT4-2024

Tgt Ion:232 Resp: 84409
Ion Ratio Lower Upper
232 100
131 41.5 33.5 50.3
130 1.9 1.6 2.4
166 27.7 23.7 35.5

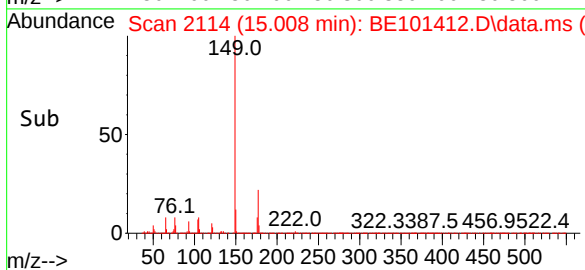
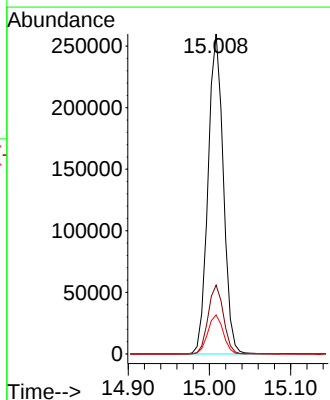
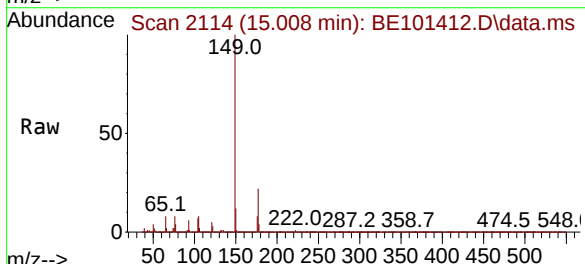
Manual Integrations
APPROVED

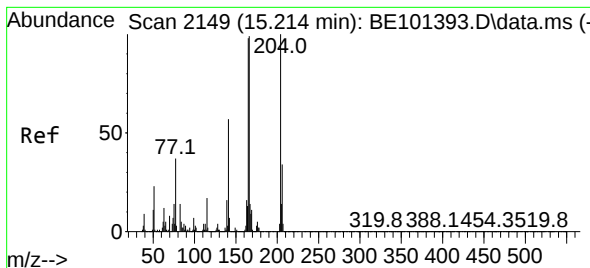
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#60
Diethylphthalate
Concen: 8.255 ng
RT: 15.008 min Scan# 2114
Delta R.T. -0.007 min
Lab File: BE101412.D
Acq: 29 Oct 2024 18:04

Tgt Ion:149 Resp: 337700
Ion Ratio Lower Upper
149 100
177 21.5 18.0 27.0
150 12.2 10.3 15.5





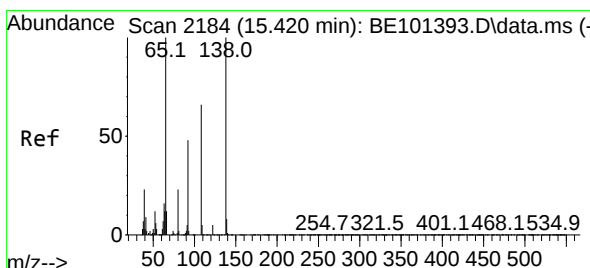
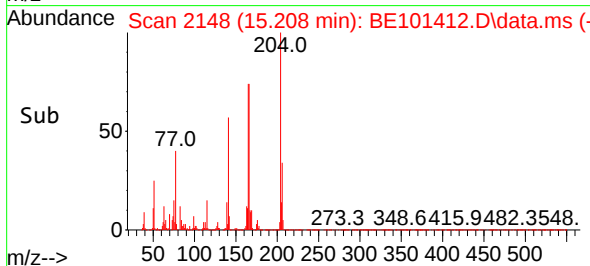
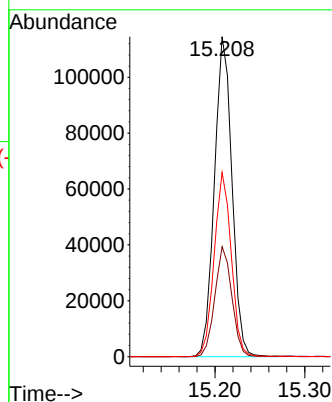
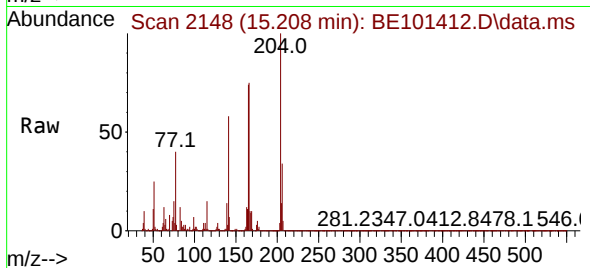
#61
4-Chlorophenyl-phenylether
Concen: 8.114 ng
RT: 15.208 min Scan# 2148
Delta R.T. -0.007 min
Lab File: BE101412.D
Acq: 29 Oct 2024 18:04

Instrument : BNA_E
ClientSampleId : LOD-MDL-WATER-01-QT4-2024

Tgt Ion:204 Resp: 15547
Ion Ratio Lower Upper
204 100
206 34.3 26.9 40.3
141 57.5 45.9 68.9

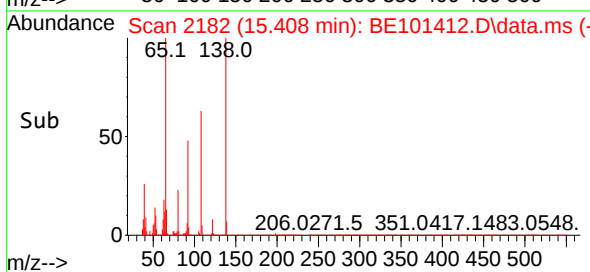
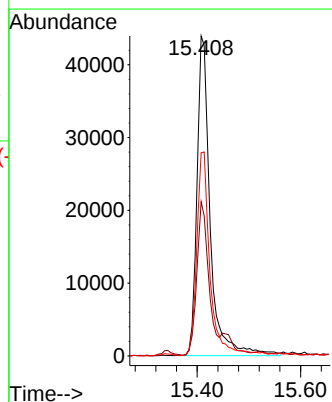
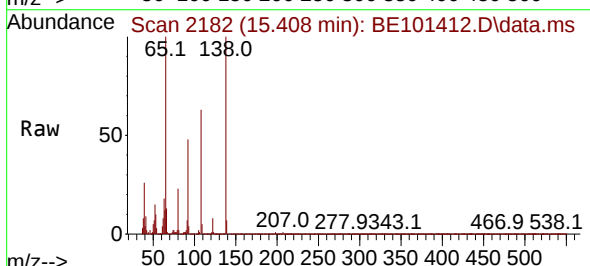
Manual Integrations
APPROVED

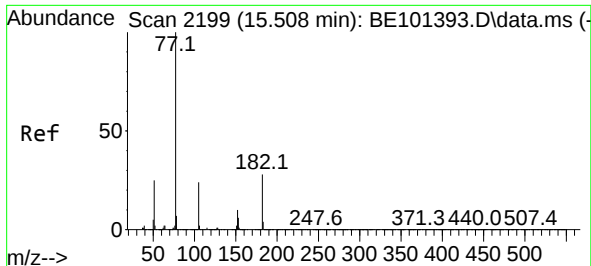
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#62
4-Nitroaniline
Concen: 7.808 ng
RT: 15.408 min Scan# 2182
Delta R.T. -0.012 min
Lab File: BE101412.D
Acq: 29 Oct 2024 18:04

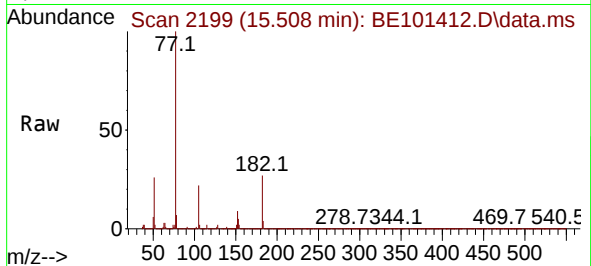
Tgt Ion:138 Resp: 78007
Ion Ratio Lower Upper
138 100
92 48.2 28.7 68.7
108 63.5 46.5 86.5





#63
Azobenzene
Concen: 8.528 ng
RT: 15.508 min Scan# 2199
Delta R.T. -0.001 min
Lab File: BE101412.D
Acq: 29 Oct 2024 18:04

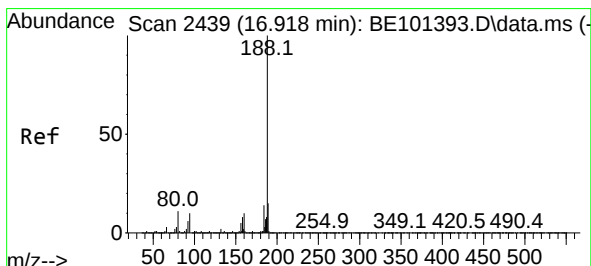
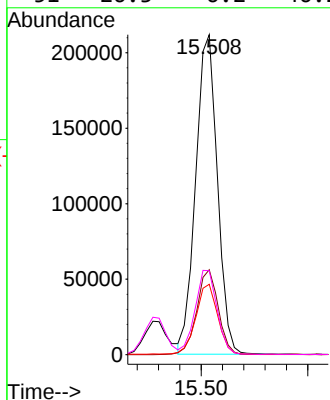
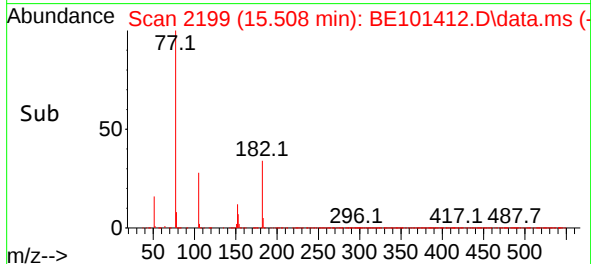
Instrument : BNA_E
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 77 Resp: 299860
Ion Ratio Lower Upper
77 100
182 26.6 7.6 47.6
105 22.0 3.2 43.2
51 26.3 6.2 46.2

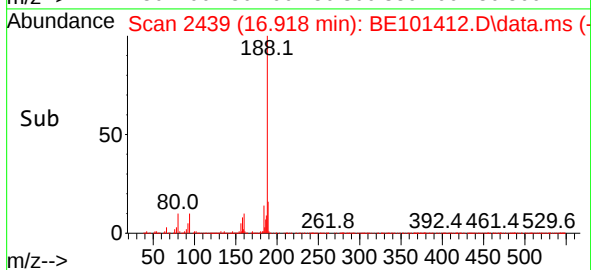
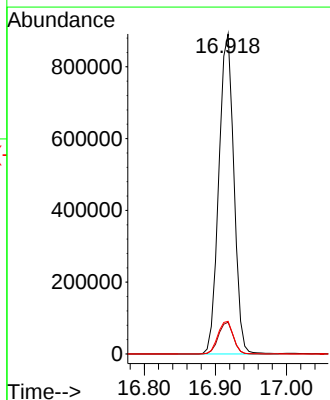
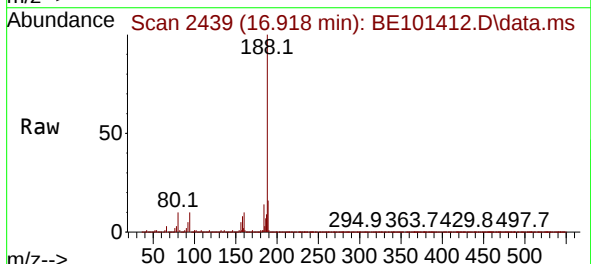
Manual Integrations
APPROVED

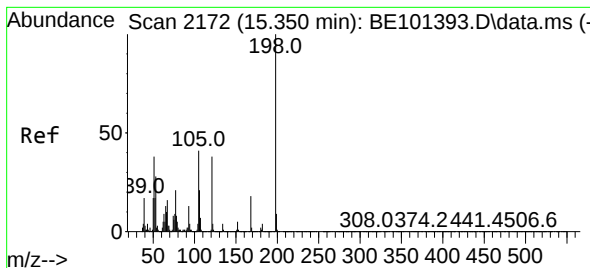
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.918 min Scan# 2439
Delta R.T. -0.001 min
Lab File: BE101412.D
Acq: 29 Oct 2024 18:04

Tgt Ion:188 Resp: 1305765
Ion Ratio Lower Upper
188 100
94 9.9 7.8 11.8
80 10.2 8.6 12.8





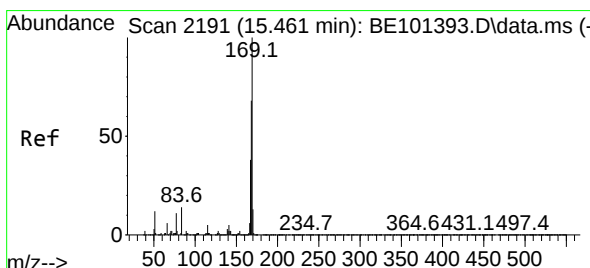
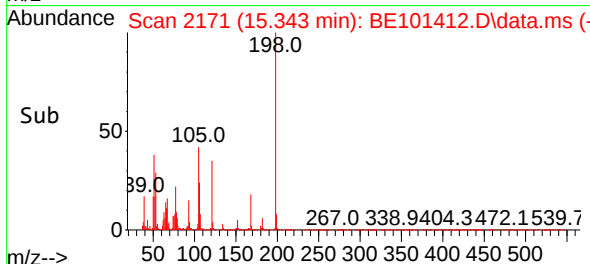
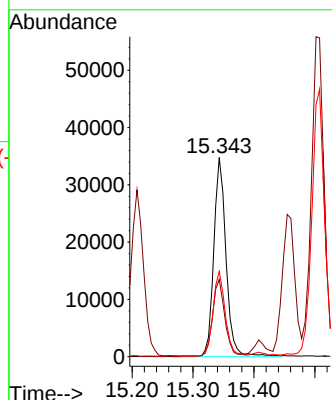
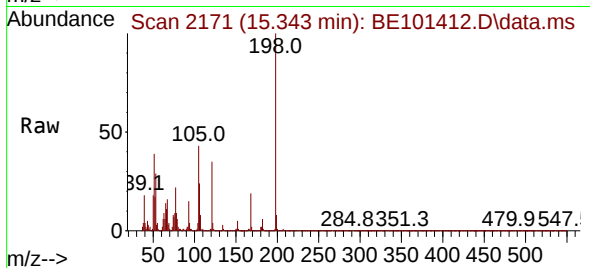
#65
4,6-Dinitro-2-methylphenol
Concen: 6.336 ng
RT: 15.343 min Scan# 2171
Delta R.T. -0.007 min
Lab File: BE101412.D
Acq: 29 Oct 2024 18:04

Instrument : BNA_E
ClientSampleId : LOD-MDL-WATER-01-QT4-2024

Tgt Ion:198 Resp: 4861
Ion Ratio Lower Upper
198 100
51 38.7 18.2 58.2
105 42.8 21.5 61.5

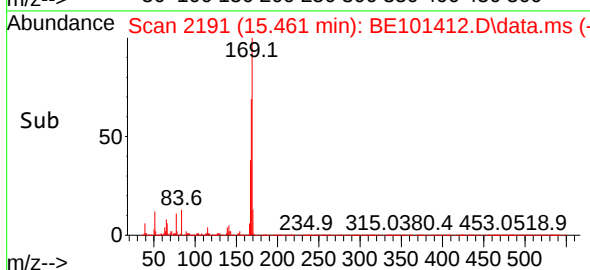
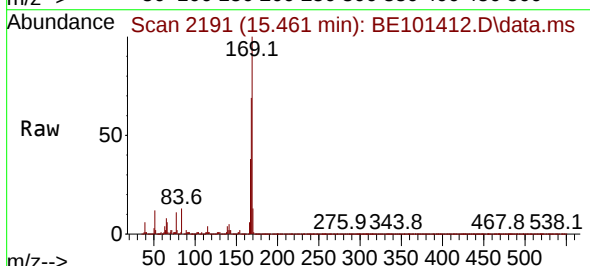
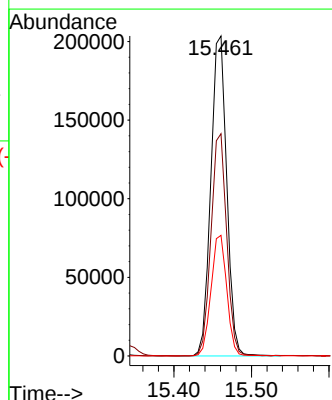
Manual Integrations
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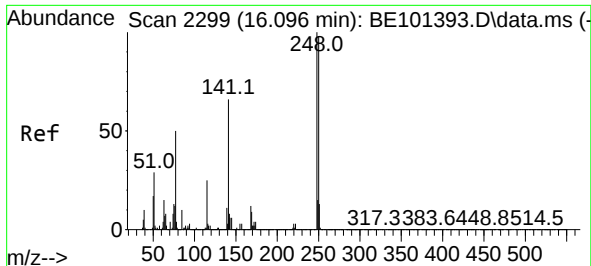
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#66
n-Nitrosodiphenylamine
Concen: 8.369 ng
RT: 15.461 min Scan# 2191
Delta R.T. -0.001 min
Lab File: BE101412.D
Acq: 29 Oct 2024 18:04

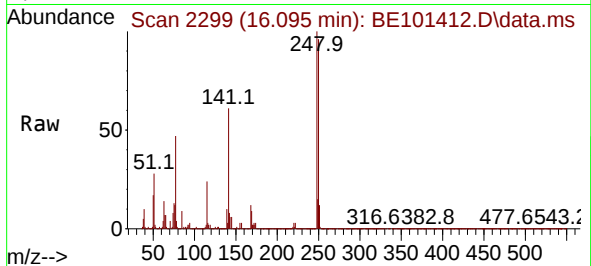
Tgt Ion:169 Resp: 289794
Ion Ratio Lower Upper
169 100
168 69.5 54.5 81.7
167 37.7 30.4 45.6





#67
4-Bromophenyl-phenylether
Concen: 7.897 ng
RT: 16.095 min Scan# 2299
Delta R.T. -0.001 min
Lab File: BE101412.D
Acq: 29 Oct 2024 18:04

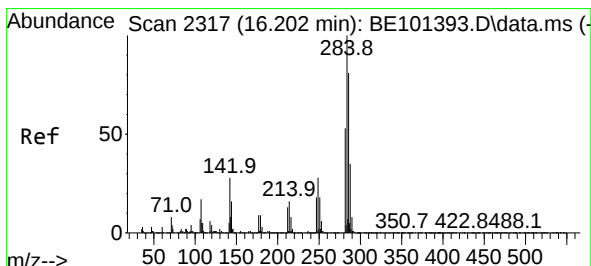
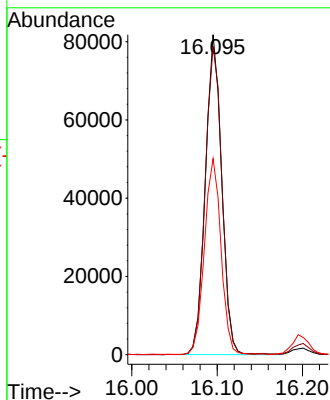
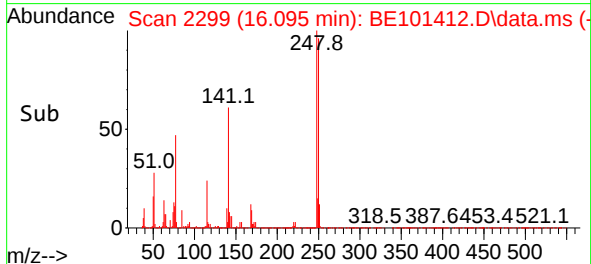
Instrument : BNA_E
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



Tgt Ion:248 Resp: 10846
Ion Ratio Lower Upper
248 100
250 96.4 78.2 117.2
141 61.3 53.0 79.4

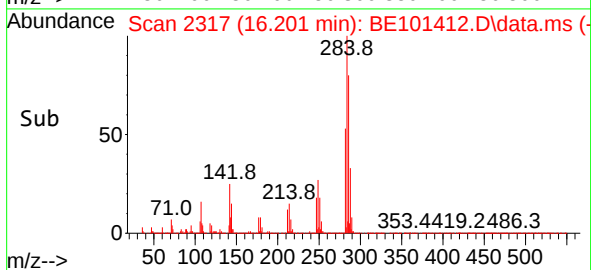
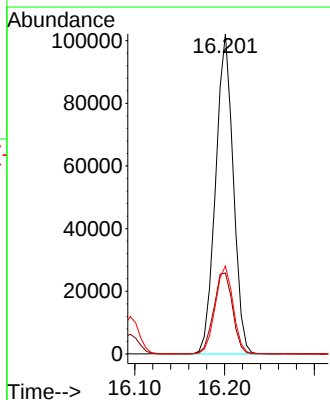
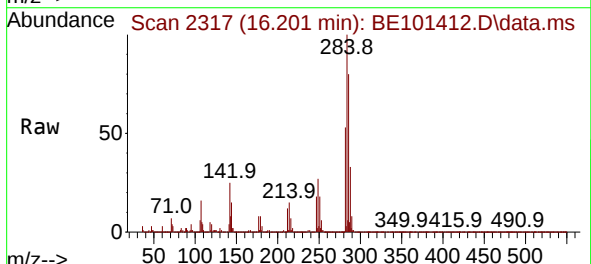
Manual Integrations
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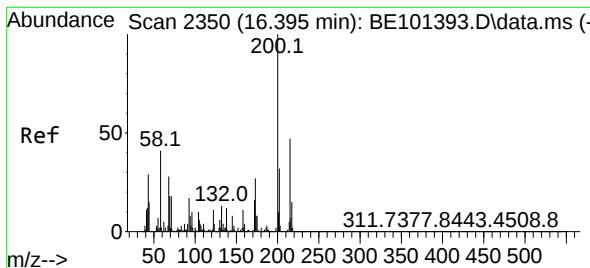
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#68
Hexachlorobenzene
Concen: 7.709 ng
RT: 16.201 min Scan# 2317
Delta R.T. -0.001 min
Lab File: BE101412.D
Acq: 29 Oct 2024 18:04

Tgt Ion:284 Resp: 138796
Ion Ratio Lower Upper
284 100
142 25.3 22.2 33.2
249 27.4 22.8 34.2





#69

Atrazine

Concen: 10.109 ng

RT: 16.389 min Scan# 21

Delta R.T. -0.006 min

Lab File: BE101412.D

Acq: 29 Oct 2024 18:04

Instrument :

BNA_E

ClientSampleId :

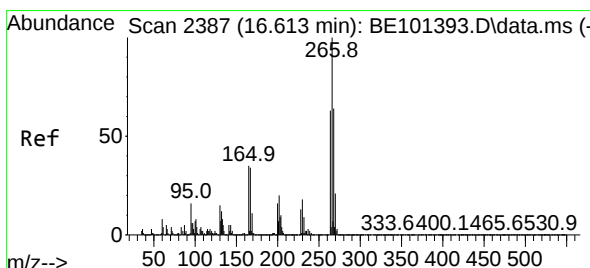
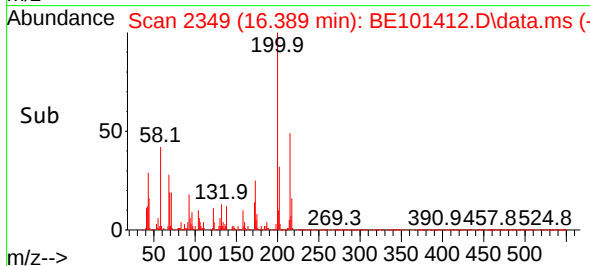
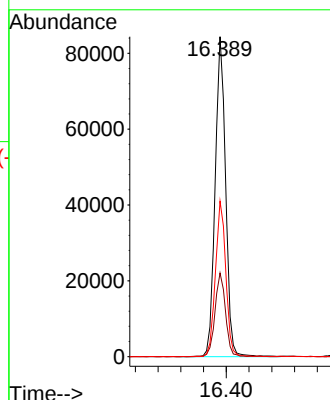
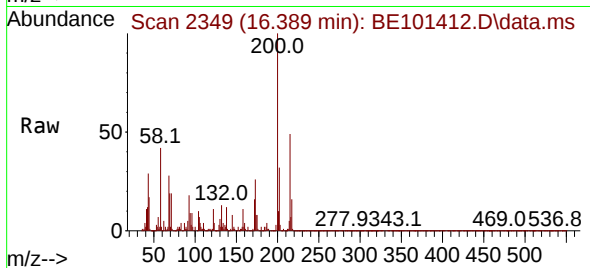
LOD-MDL-WATER-01-QT4-2024

Tgt Ion:200 Resp: 10732
 Ion Ratio Lower Upper
 200 100
 173 26.1 7.0 47.0
 215 48.6 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: 6.989 ng

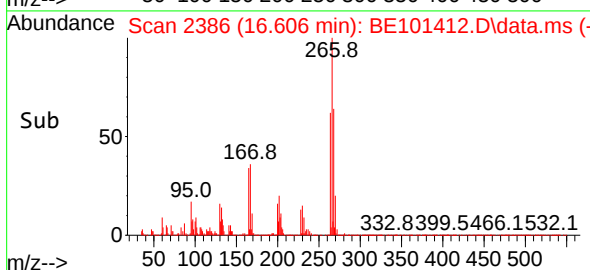
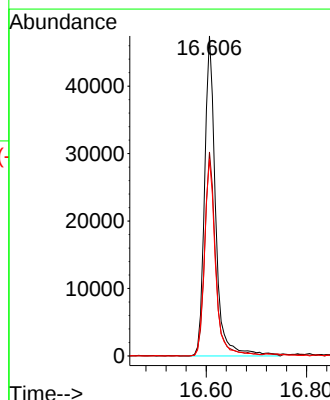
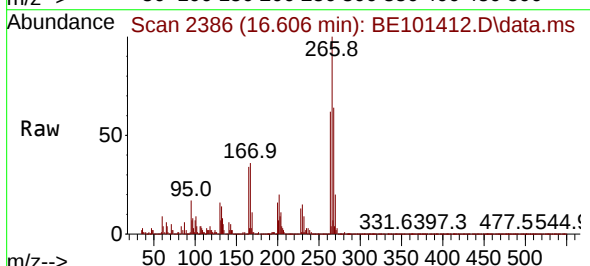
RT: 16.606 min Scan# 2386

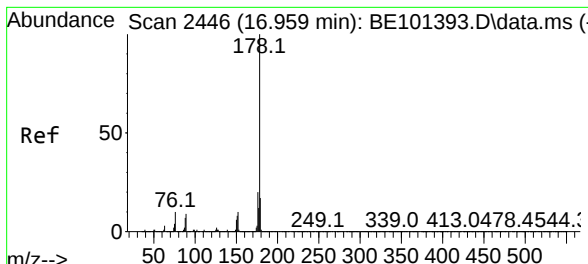
Delta R.T. -0.007 min

Lab File: BE101412.D

Acq: 29 Oct 2024 18:04

Tgt Ion:266 Resp: 72430
 Ion Ratio Lower Upper
 266 100
 268 63.8 51.5 77.3
 264 61.6 50.7 76.1



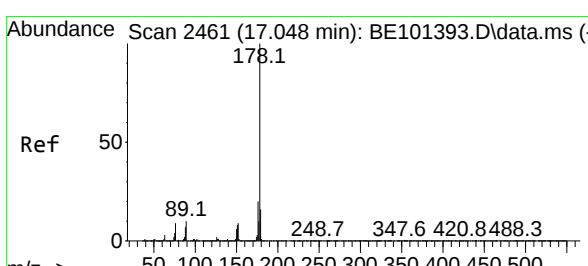
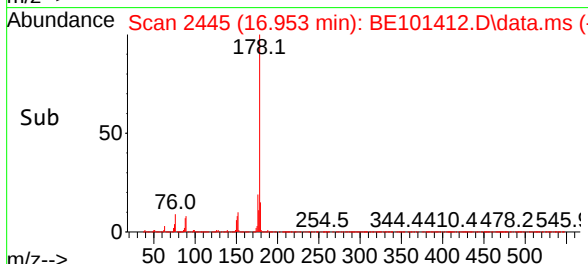
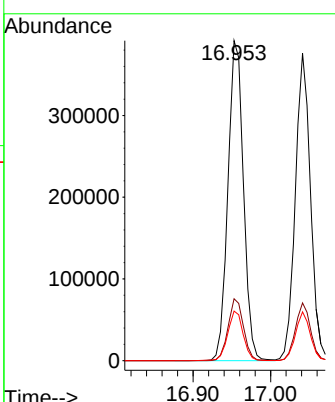
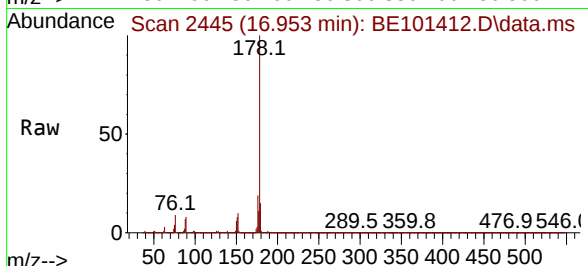


#71
 Phenanthrene
 Concen: 8.732 ng
 RT: 16.953 min Scan# 2445
 Delta R.T. -0.007 min
 Lab File: BE101412.D
 Acq: 29 Oct 2024 18:04

Instrument : BNA_E
 ClientSampleId : LOD-MDL-WATER-01-QT4-2024

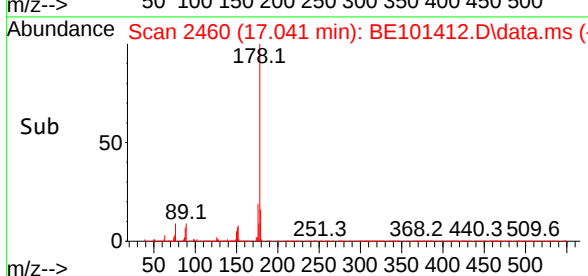
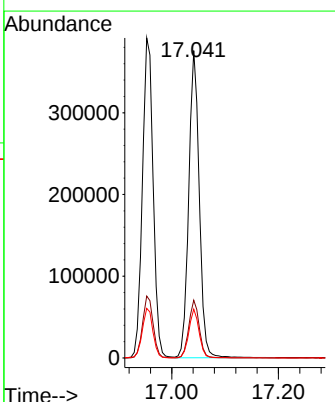
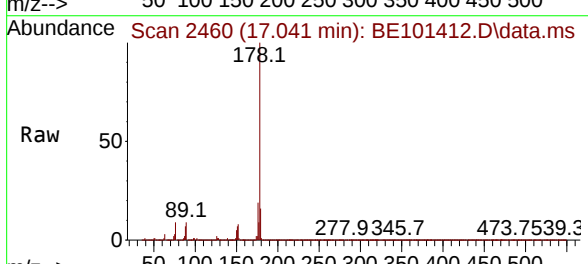
Tgt Ion:	178	Resp:	545920
Ion Ratio	Lower	Upper	
178	100		
176	19.4	16.4	24.6
179	15.5	13.2	19.8

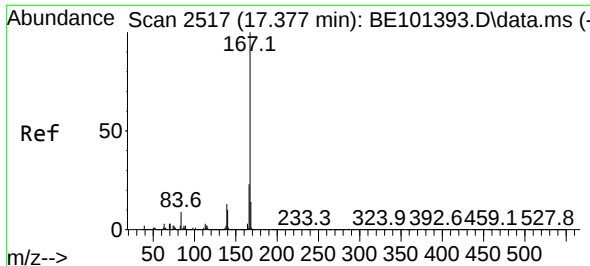
Manual Integrations
APPROVED
 Reviewed By :Jagrut Upadhyay 10/30/2024
 Supervised By :mohammad ahmed 11/04/2024



#72
 Anthracene
 Concen: 8.445 ng
 RT: 17.041 min Scan# 2460
 Delta R.T. -0.007 min
 Lab File: BE101412.D
 Acq: 29 Oct 2024 18:04

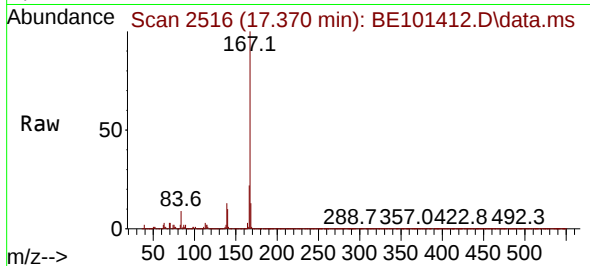
Tgt Ion:	178	Resp:	515545
Ion Ratio	Lower	Upper	
178	100		
176	18.8	15.9	23.9
179	15.9	13.1	19.7





#73
 Carbazole
 Concen: 8.496 ng
 RT: 17.370 min Scan# 2516
 Delta R.T. -0.007 min
 Lab File: BE101412.D
 Acq: 29 Oct 2024 18:04

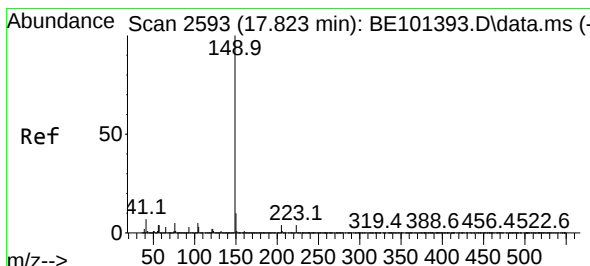
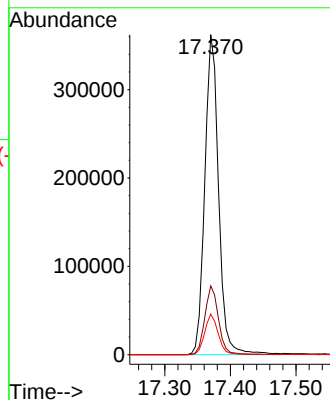
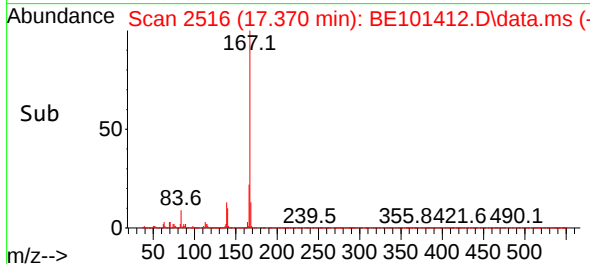
Instrument : BNA_E
 ClientSampleId : LOD-MDL-WATER-01-QT4-2024



Tgt Ion:167 Resp: 530679
 Ion Ratio Lower Upper
 167 100
 166 21.5 18.3 27.5
 139 12.7 10.8 16.2

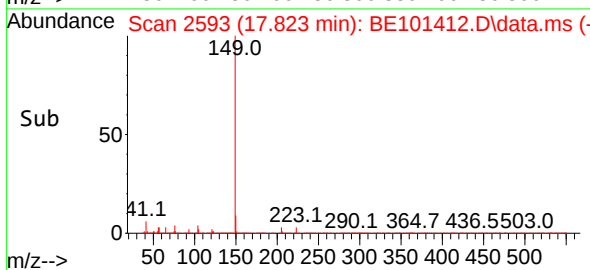
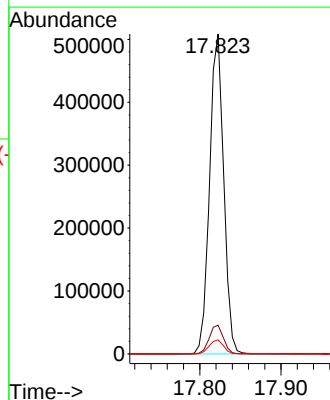
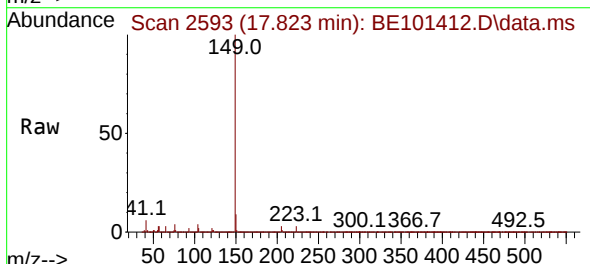
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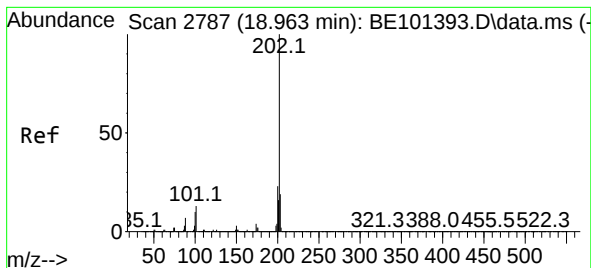
Reviewed By :Jagrut Upadhyay 10/30/2024
 Supervised By :mohammad ahmed 11/04/2024



#74
 Di-n-butylphthalate
 Concen: 8.901 ng
 RT: 17.823 min Scan# 2593
 Delta R.T. -0.001 min
 Lab File: BE101412.D
 Acq: 29 Oct 2024 18:04

Tgt Ion:149 Resp: 612039
 Ion Ratio Lower Upper
 149 100
 150 9.0 8.2 12.4
 104 4.4 3.9 5.9





#75

Fluoranthene

Concen: 8.824 ng

RT: 18.956 min Scan# 21

Delta R.T. -0.007 min

Lab File: BE101412.D

Acq: 29 Oct 2024 18:04

Instrument :

BNA_E

ClientSampleId :

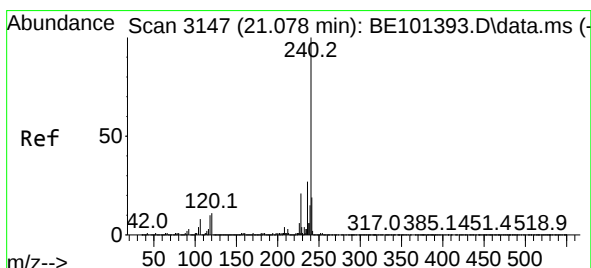
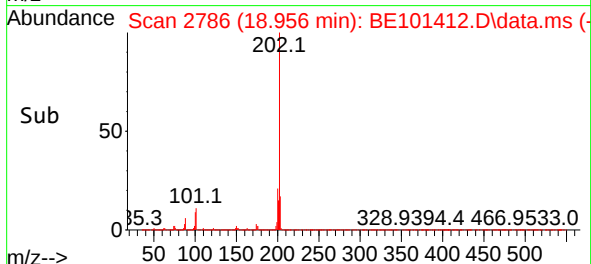
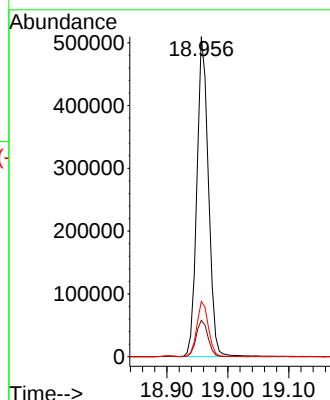
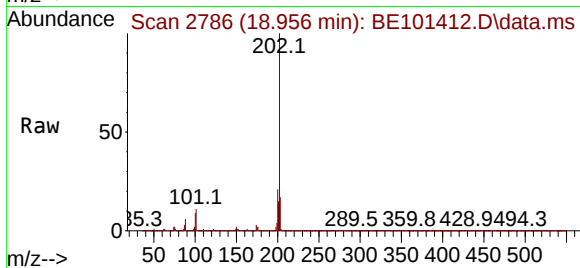
LOD-MDL-WATER-01-QT4-2024

Tgt Ion:	202	Resp:	670072
Ion Ratio	Lower	Upper	
202	100		
101	11.4	0.0	33.3
203	17.2	0.0	39.3

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



#76

Chrysene-d12

Concen: 20.000 ng

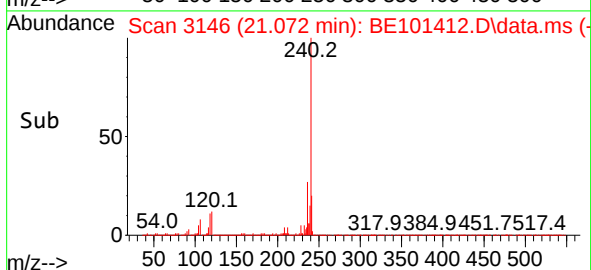
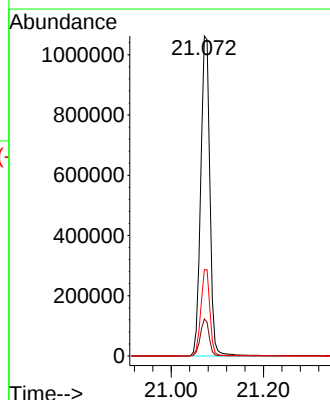
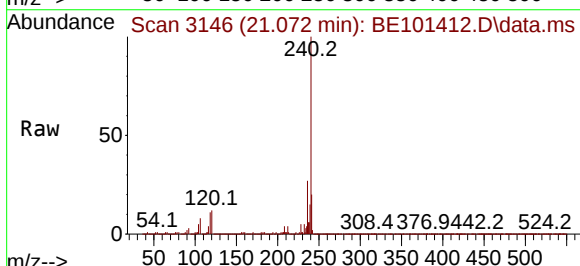
RT: 21.072 min Scan# 3146

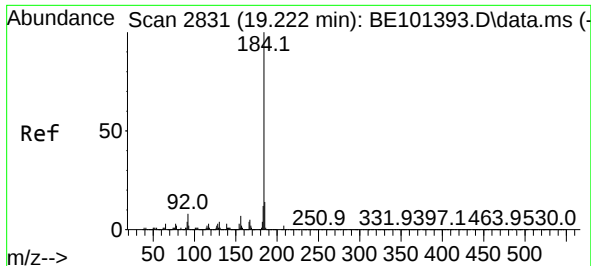
Delta R.T. -0.007 min

Lab File: BE101412.D

Acq: 29 Oct 2024 18:04

Tgt Ion:	240	Resp:	1466013
Ion Ratio	Lower	Upper	
240	100		
120	11.6	9.0	13.4
236	26.9	21.4	32.0





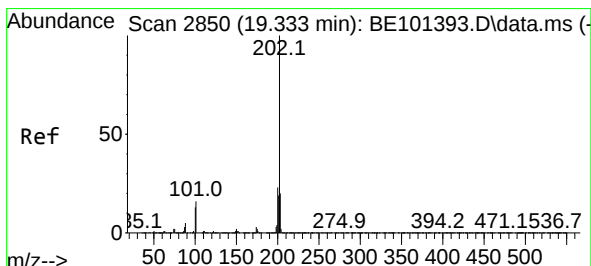
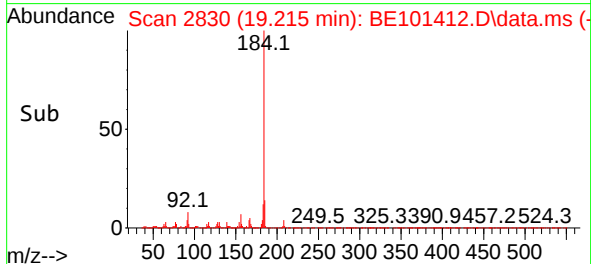
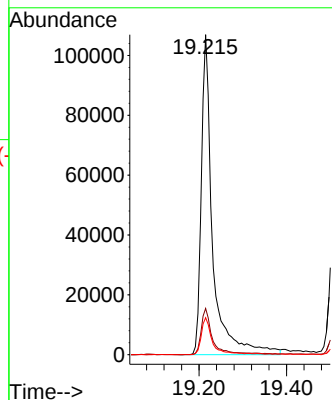
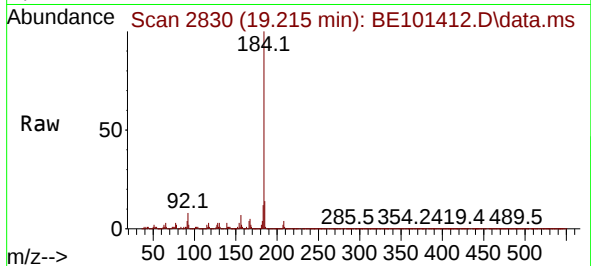
#77
Benzidine
Concen: 10.411 ng
RT: 19.215 min Scan# 2831
Delta R.T. -0.007 min
Lab File: BE101412.D
Acq: 29 Oct 2024 18:04

Instrument : BNA_E
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Tgt Ion:184 Resp: 19371
Ion Ratio Lower Upper
184 100
185 14.5 11.5 17.3
183 11.5 9.3 13.9

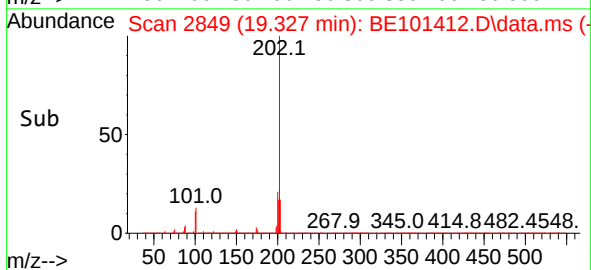
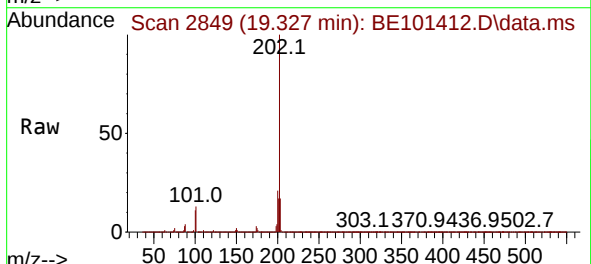
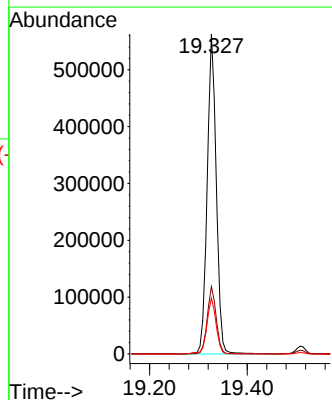
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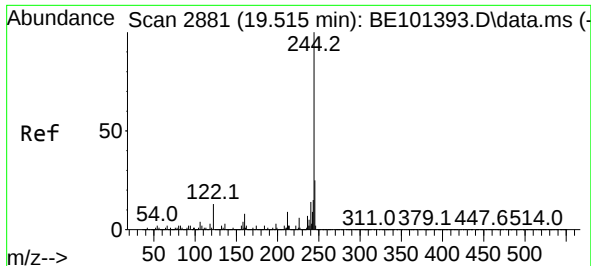
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#78
Pyrene
Concen: 8.968 ng
RT: 19.327 min Scan# 2849
Delta R.T. -0.007 min
Lab File: BE101412.D
Acq: 29 Oct 2024 18:04

Tgt Ion:202 Resp: 722980
Ion Ratio Lower Upper
202 100
200 21.1 18.6 28.0
203 17.5 15.6 23.4





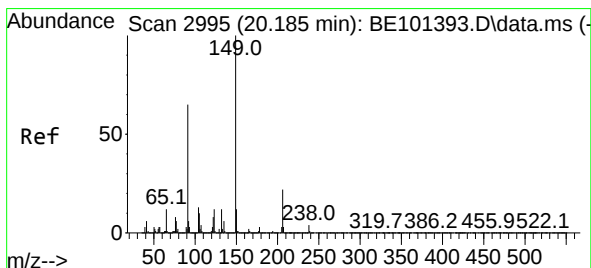
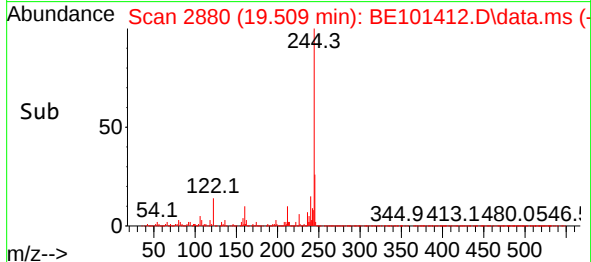
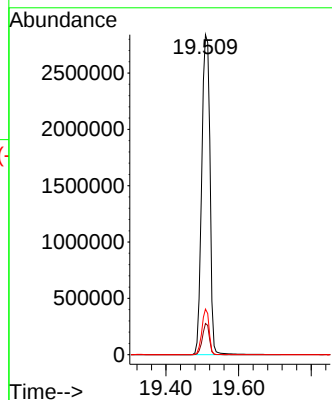
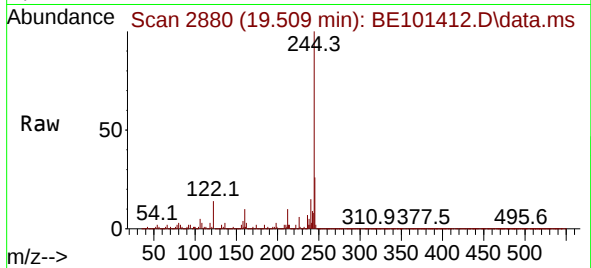
#79
Terphenyl-d14
Concen: 70.287 ng
RT: 19.509 min Scan# 2881
Delta R.T. -0.006 min
Lab File: BE101412.D
Acq: 29 Oct 2024 18:04

Instrument : BNA_E
ClientSampleId : LOD-MDL-WATER-01-QT4-2024

Tgt Ion:244 Resp: 4477060
Ion Ratio Lower Upper
244 100
212 9.7 7.2 10.8
122 14.3 10.4 15.6

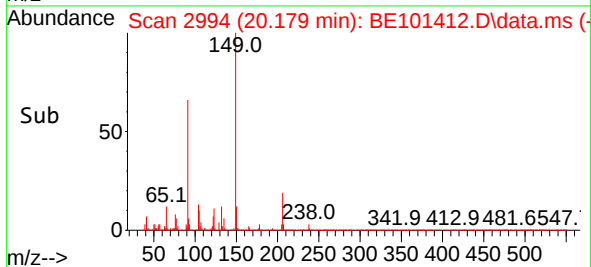
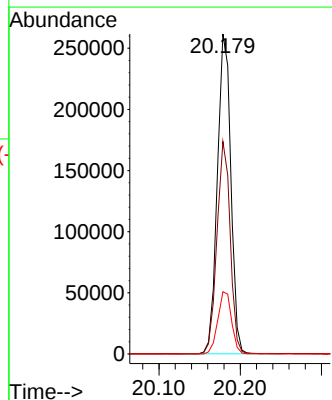
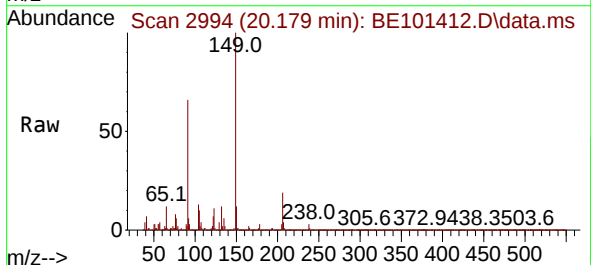
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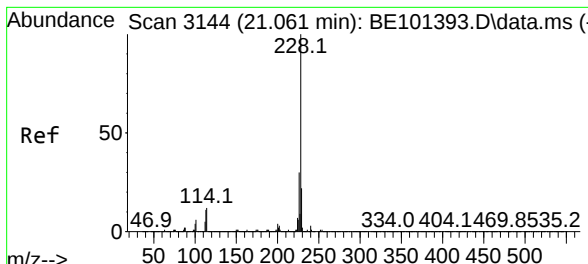
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#80
Butylbenzylphthalate
Concen: 8.553 ng
RT: 20.179 min Scan# 2994
Delta R.T. -0.007 min
Lab File: BE101412.D
Acq: 29 Oct 2024 18:04

Tgt Ion:149 Resp: 302288
Ion Ratio Lower Upper
149 100
91 66.4 51.8 77.8
206 19.4 17.4 26.2





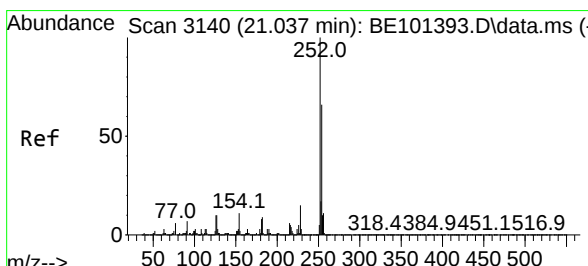
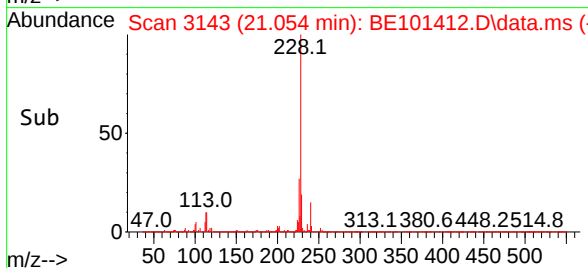
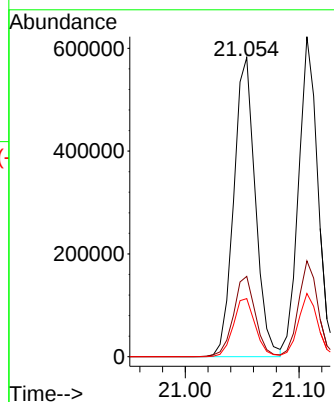
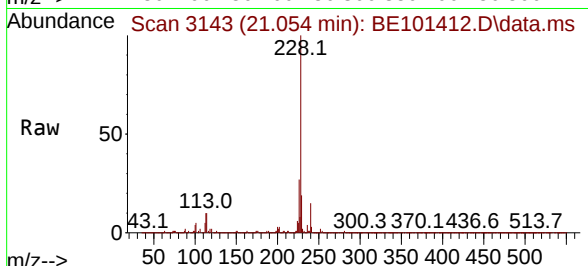
#81
Benzo(a)anthracene
Concen: 9.310 ng
RT: 21.054 min Scan# 3143
Delta R.T. -0.007 min
Lab File: BE101412.D
Acq: 29 Oct 2024 18:04

Instrument : BNA_E
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Tgt Ion:228 Resp: 76715
Ion Ratio Lower Upper
228 100
226 26.9 24.1 36.1
229 19.4 17.3 25.9

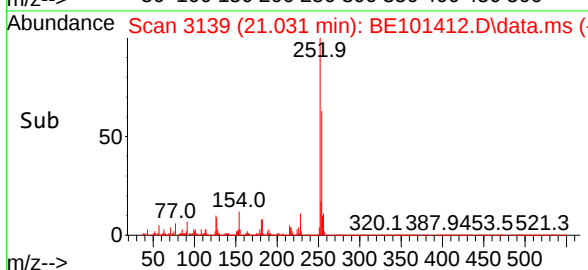
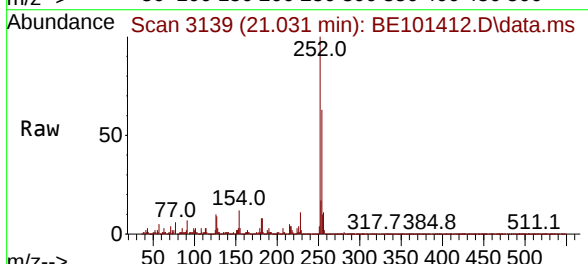
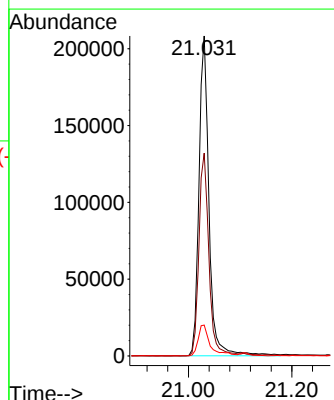
Manual Integrations
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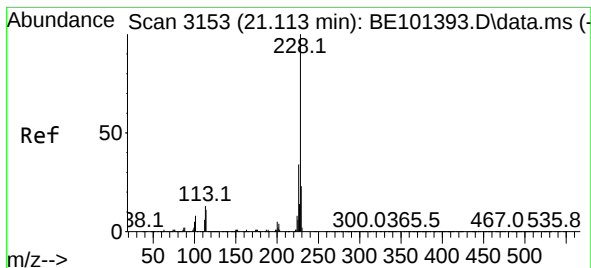
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#82
3,3'-Dichlorobenzidine
Concen: 8.680 ng
RT: 21.031 min Scan# 3139
Delta R.T. -0.007 min
Lab File: BE101412.D
Acq: 29 Oct 2024 18:04

Tgt Ion:252 Resp: 280183
Ion Ratio Lower Upper
252 100
254 63.4 52.6 78.8
126 9.7 7.7 11.5





#83

Chrysene

Concen: 9.296 ng

RT: 21.107 min Scan# 3153

Delta R.T. -0.007 min

Lab File: BE101412.D

Acq: 29 Oct 2024 18:04

Instrument :

BNA_E

ClientSampleId :

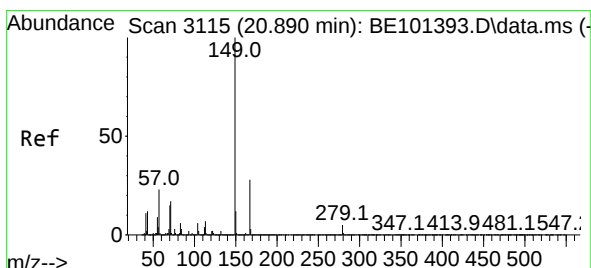
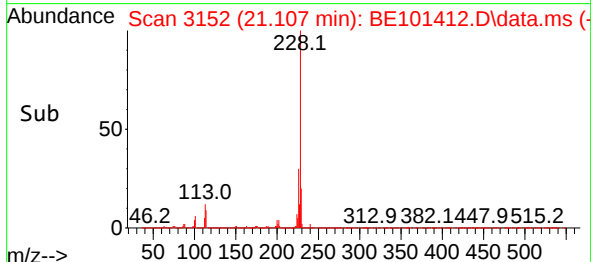
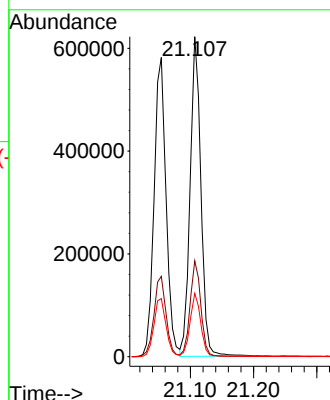
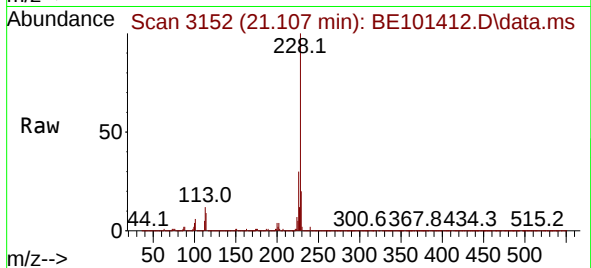
LOD-MDL-WATER-01-QT4-2024

Tgt Ion:228 Resp: 74060
 Ion Ratio Lower Upper
 228 100
 226 30.0 27.2 40.8
 229 19.7 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: 8.561 ng

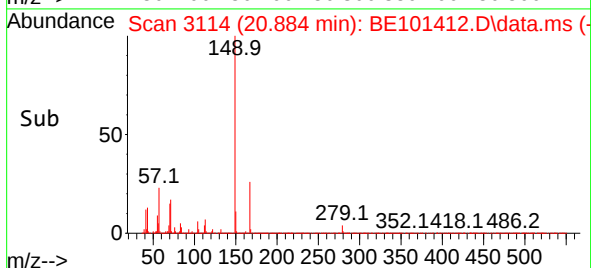
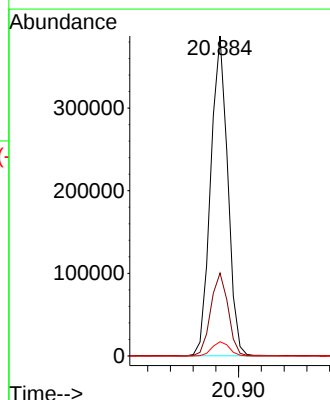
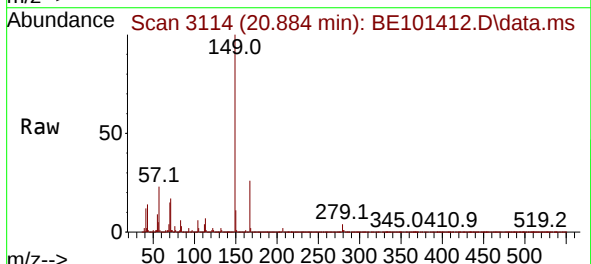
RT: 20.884 min Scan# 3114

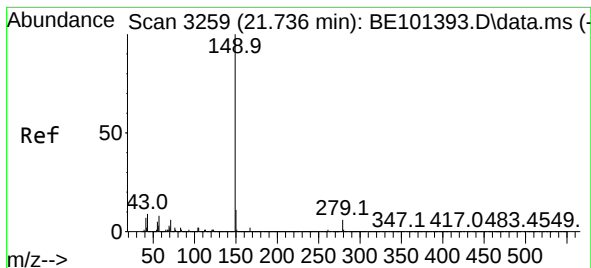
Delta R.T. -0.007 min

Lab File: BE101412.D

Acq: 29 Oct 2024 18:04

Tgt Ion:149 Resp: 401970
 Ion Ratio Lower Upper
 149 100
 167 25.9 22.7 34.1
 279 4.4 4.3 6.5





#85

Di-n-octyl phthalate

Concen: 9.070 ng

RT: 21.730 min Scan# 31

Delta R.T. -0.007 min

Lab File: BE101412.D

Acq: 29 Oct 2024 18:04

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

Tgt Ion:149 Resp: 698968

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

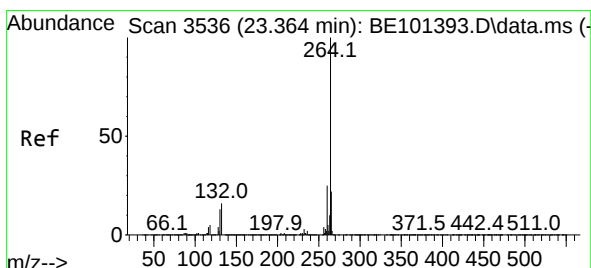
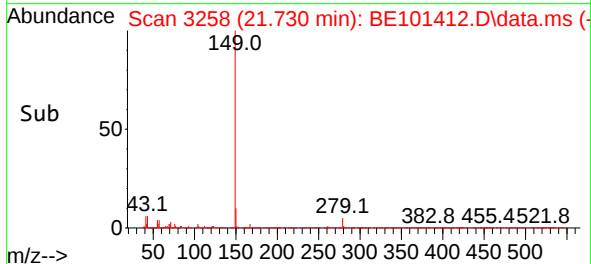
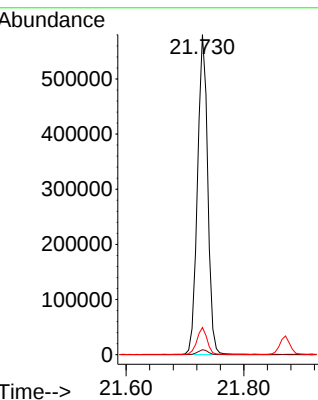
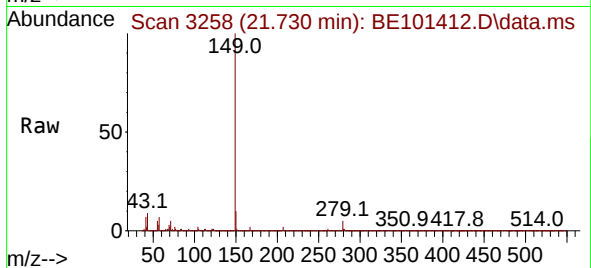
43 8.5 7.0 10.4

Manual Integrations

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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: 23.357 min Scan# 3535

Delta R.T. -0.007 min

Lab File: BE101412.D

Acq: 29 Oct 2024 18:04

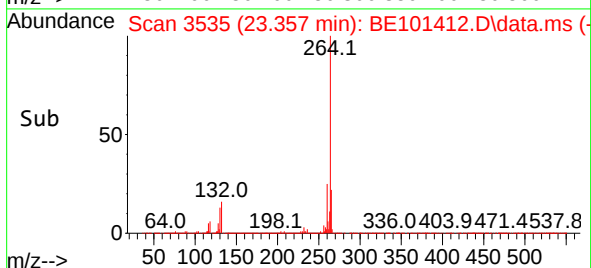
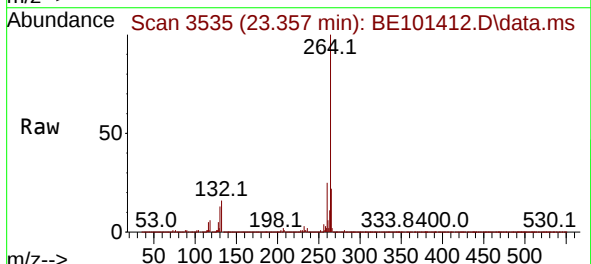
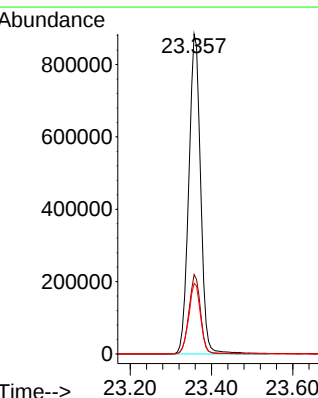
Tgt Ion:264 Resp: 1792243

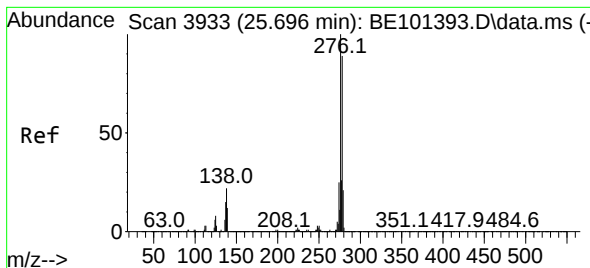
Ion Ratio Lower Upper

264 100

260 24.8 19.8 29.8

265 22.0 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 9.022 ng

RT: 25.666 min Scan# 3933

Delta R.T. -0.030 min

Lab File: BE101412.D

Acq: 29 Oct 2024 18:04

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

Tgt Ion:276 Resp: 108219

Ion Ratio Lower Upper

276 100

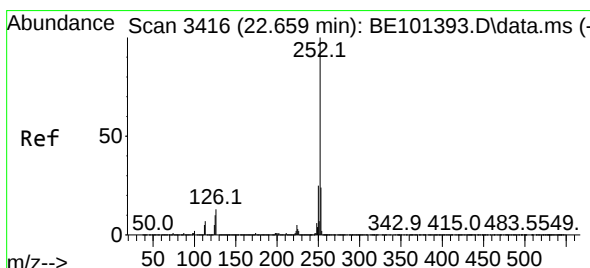
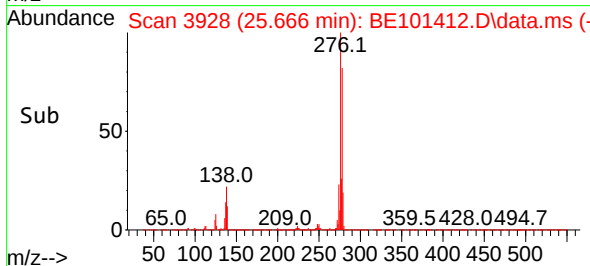
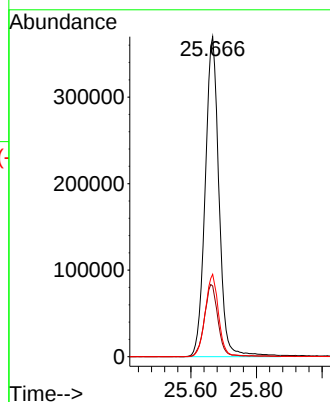
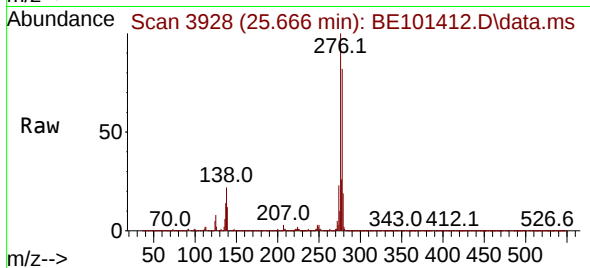
138 22.1 17.8 26.8

277 24.8 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: 8.956 ng

RT: 22.646 min Scan# 3414

Delta R.T. -0.012 min

Lab File: BE101412.D

Acq: 29 Oct 2024 18:04

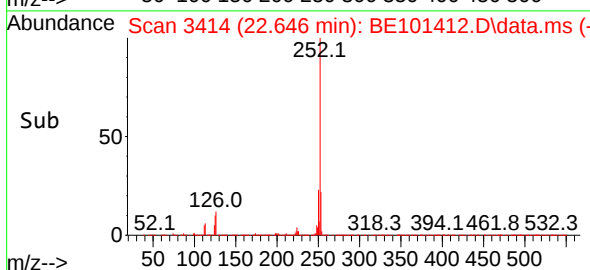
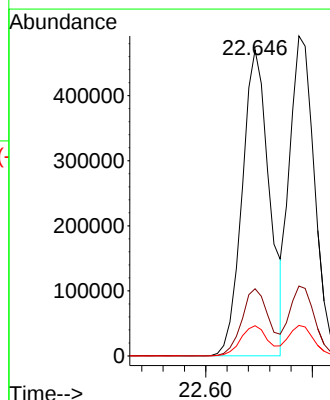
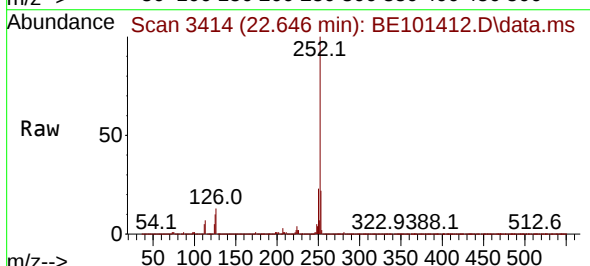
Tgt Ion:252 Resp: 836508

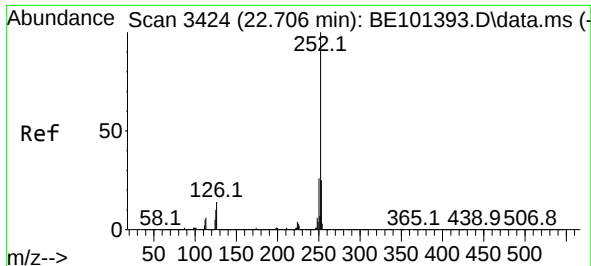
Ion Ratio Lower Upper

252 100

253 22.0 19.0 28.6

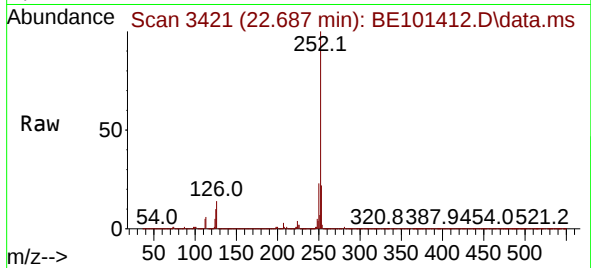
125 9.9 8.2 12.2





#89
Benzo(k)fluoranthene
Concen: 9.277 ng
RT: 22.687 min Scan# 3424
Delta R.T. -0.018 min
Lab File: BE101412.D
Acq: 29 Oct 2024 18:04

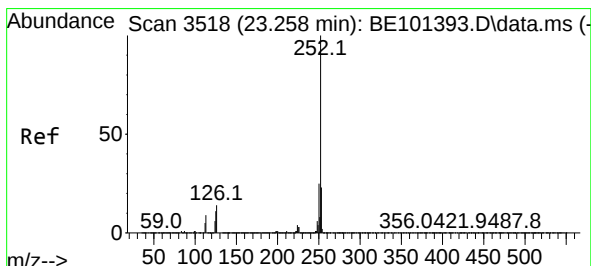
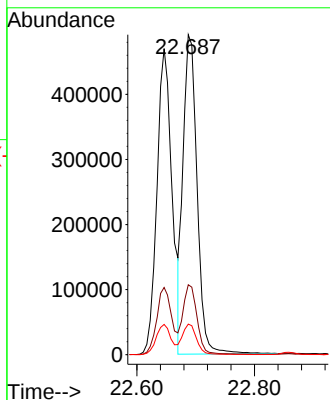
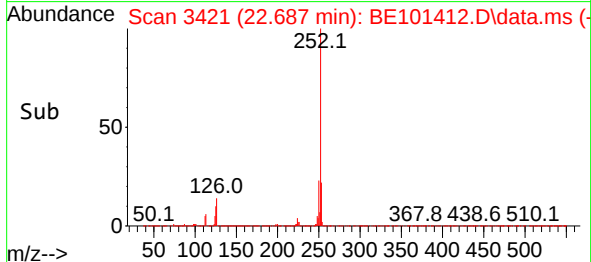
Instrument : BNA_E
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



Tgt Ion:252 Resp: 809495
Ion Ratio Lower Upper
252 100
253 21.8 19.4 29.2
125 9.5 8.2 12.2

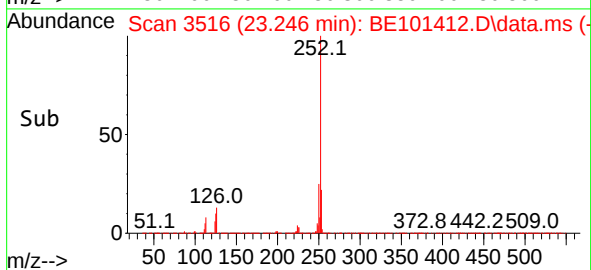
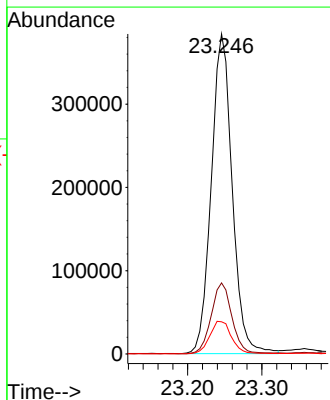
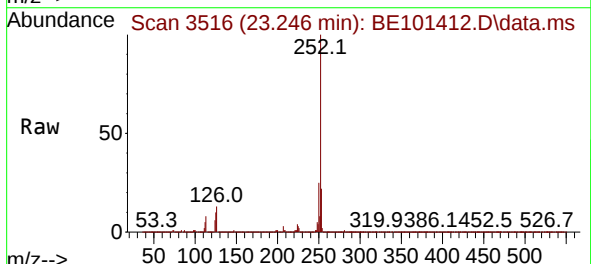
Manual Integrations
APPROVED

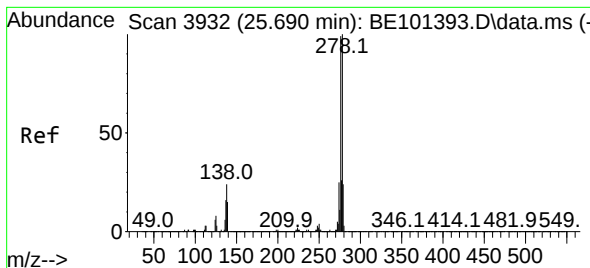
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#90
Benzo(a)pyrene
Concen: 9.204 ng
RT: 23.246 min Scan# 3516
Delta R.T. -0.012 min
Lab File: BE101412.D
Acq: 29 Oct 2024 18:04

Tgt Ion:252 Resp: 751835
Ion Ratio Lower Upper
252 100
253 22.2 18.4 27.6
125 10.1 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 8.971 ng

RT: 25.660 min Scan# 3932

Delta R.T. -0.030 min

Lab File: BE101412.D

Acq: 29 Oct 2024 18:04

Instrument :

BNA_E

ClientSampleId :

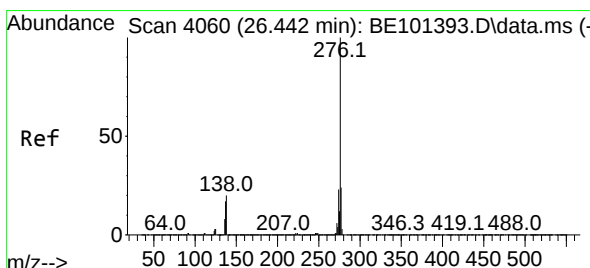
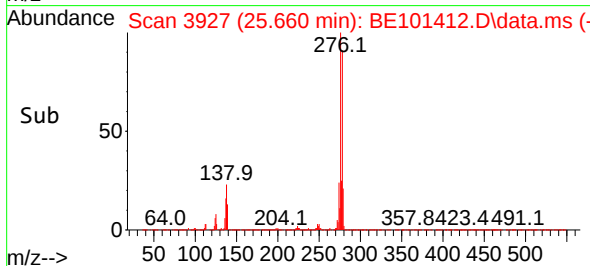
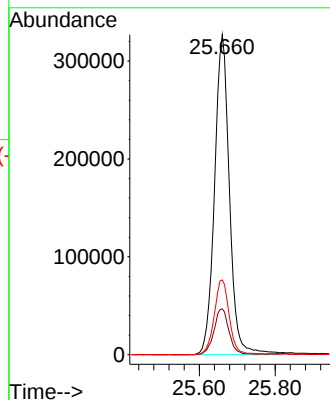
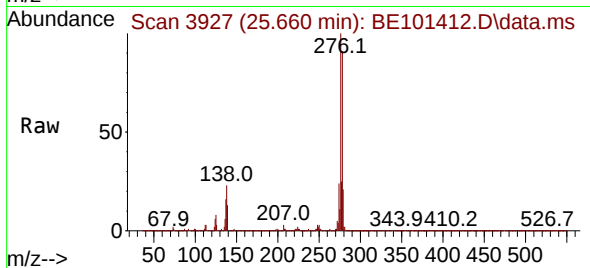
LOD-MDL-WATER-01-QT4-2024

Tgt Ion:	278	Resp:	88912
Ion Ratio	Lower	Upper	
278	100		
139	14.3	11.9	17.9
279	23.4	19.3	28.9

Manual Integrations

APPROVED

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



#92

Benzo(g,h,i)perylene

Concen: 8.161 ng

RT: 26.412 min Scan# 4055

Delta R.T. -0.030 min

Lab File: BE101412.D

Acq: 29 Oct 2024 18:04

Tgt Ion:	276	Resp:	833415
Ion Ratio	Lower	Upper	
276	100		
277	23.7	19.4	29.2
138	19.1	15.8	23.6

