

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE091824\
 Data File : BE101366.D
 Acq On : 18 Sep 2024 16:40
 Operator : RC/JU
 Sample : P2403-07
 Misc : LOD-MDL-WATER-8PPM
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2024

Quant Time: Sep 18 17:44:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE091724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 17 16:03:42 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/19/2024
 Supervised By :mohammad ahmed 09/20/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.576	152	176792	20.000	ng	0.00
21) Naphthalene-d8	10.343	136	850114	20.000	ng	0.00
39) Acenaphthene-d10	14.186	164	607432	20.000	ng	0.00
64) Phenanthrene-d10	16.918	188	1410431	20.000	ng	0.00
76) Chrysene-d12	21.083	240	1638885	20.000	ng	0.00
86) Perylene-d12	23.369	264	1997464	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.320	112	1349650	133.478	ng	0.00
7) Phenol-d6	6.953	99	1878713	131.066	ng	0.00
23) Nitrobenzene-d5	8.786	82	1344508	100.268	ng	0.00
42) 2,4,6-Tribromophenol	15.690	330	1459922	142.895	ng	0.00
45) 2-Fluorobiphenyl	12.811	172	3377937	96.098	ng	0.00
79) Terphenyl-d14	19.515	244	5144725	69.605	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.222	88	34743	9.024	ng	96
3) Pyridine	3.757	79	83447m	7.524	ng	
4) n-Nitrosodimethylamine	3.616	42	33358	8.372	ng	# 94
6) Aniline	7.018	93	135990	11.308	ng	99
8) 2-Chlorophenol	7.217	128	106383	8.756	ng	97
9) Benzaldehyde	6.788	77	83737	12.711	ng	99
10) Phenol	6.976	94	139937	8.882	ng	93
11) bis(2-Chloroethyl)ether	7.047	93	107135m	8.035	ng	
12) 1,3-Dichlorobenzene	7.458	146	112612	8.624	ng	97
13) 1,4-Dichlorobenzene	7.605	146	114313	8.592	ng	99
14) 1,2-Dichlorobenzene	7.934	146	111669	8.470	ng	99
15) Benzyl Alcohol	7.917	79	91224	10.688	ng	85
16) 2,2'-oxybis(1-Chloropr...	8.069	45	155214	9.236	ng	98
17) 2-Methylphenol	8.157	107	82969	7.948	ng	99
18) Hexachloroethane	8.633	117	35500	8.159	ng	97
19) n-Nitroso-di-n-propyla...	8.381	70	87431	8.642	ng	99
20) 3+4-Methylphenols	8.492	107	113198	7.706	ng	99
22) Acetophenone	8.428	105	180262	9.144	ng	# 98
24) Nitrobenzene	8.827	77	128557	8.980	ng	98
25) Isophorone	9.280	82	246006	8.962	ng	99
26) 2-Nitrophenol	9.515	139	56172	8.314	ng	97
27) 2,4-Dimethylphenol	9.632	122	53047	6.116	ng	98
28) bis(2-Chloroethoxy)met...	9.779	93	146898	8.847	ng	99
29) 2,4-Dichlorophenol	10.061	162	99789	8.401	ng	98
30) 1,2,4-Trichlorobenzene	10.184	180	110637	8.618	ng	97
31) Naphthalene	10.390	128	378596	8.826	ng	100
32) Benzoic acid	9.826	122	38752m	10.893	ng	
33) 4-Chloroaniline	10.619	127	147372	8.980	ng	98
34) Hexachlorobutadiene	10.637	225	63469	8.510	ng	97
35) Caprolactam	11.401	113	37187	7.750	ng	97
36) 4-Chloro-3-methylphenol	11.789	107	114837	8.182	ng	98
37) 2-Methylnaphthalene	11.982	142	276774	8.823	ng	99
38) 1-Methylnaphthalene	12.206	142	259704	8.252	ng	99
40) 1,2,4,5-Tetrachloroben...	12.335	216	133649	9.134	ng	99
41) Hexachlorocyclopentadiene	12.317	237	30137	6.268	ng	98
43) 2,4,6-Trichlorophenol	12.658	196	88463	8.536	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.752	196	95263	8.147	ng	98
46) 1,1'-Biphenyl	13.011	154	386752	9.396	ng	99
47) 2-Chloronaphthalene	13.058	162	286379	8.844	ng	99
48) 2-Nitroaniline	13.387	65	70366	8.077	ng	95
49) Acenaphthylene	13.915	152	471022	9.749	ng	99
50) Dimethylphthalate	13.686	163	394873	9.009	ng	99
51) 2,6-Dinitrotoluene	13.821	165	79374	8.092	ng	98
52) Acenaphthene	14.244	154	279333	8.771	ng	97
53) 3-Nitroaniline	14.233	138	82447	8.171	ng	99
54) 2,4-Dinitrophenol	14.368	184	38008	6.509	ng	96
55) Dibenzofuran	14.585	168	466808	9.279	ng	98
56) 4-Nitrophenol	14.650	139	71794m	8.558	ng	
57) 2,4-Dinitrotoluene	14.603	165	104001	7.788	ng	# 87
58) Fluorene	15.226	166	377739	8.911	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.855	232	94858	8.579	ng	98
60) Diethylphthalate	15.014	149	409116	8.997	ng	99
61) 4-Chlorophenyl-phenyle...	15.214	204	182899	8.797	ng	97
62) 4-Nitroaniline	15.420	138	88014	8.370	ng	100
63) Azobenzene	15.508	77	357754	9.206	ng	96
65) 4,6-Dinitro-2-methylph...	15.349	198	56448	7.048	ng	97
66) n-Nitrosodiphenylamine	15.461	169	338462	9.003	ng	99
67) 4-Bromophenyl-phenylether	16.101	248	123805	8.449	ng	99
68) Hexachlorobenzene	16.201	284	157144	8.298	ng	97
69) Atrazine	16.395	200	130754	10.532	ng	99
70) Pentachlorophenol	16.612	266	83210	7.354	ng	98
71) Phenanthrene	16.959	178	641581	9.578	ng	96
72) Anthracene	17.047	178	591512	9.074	ng	97
73) Carbazole	17.376	167	628446	9.408	ng	99
74) Di-n-butylphthalate	17.828	149	736780	10.045	ng	95
75) Fluoranthene	18.962	202	791551	9.816	ng	96
77) Benzidine	19.221	184	261909	9.629	ng	99
78) Pyrene	19.333	202	859564	9.430	ng	92
80) Butylbenzylphthalate	20.185	149	376882	9.340	ng	98
81) Benzo(a)anthracene	21.060	228	927482	10.077	ng	91
82) 3,3'-Dichlorobenzidine	21.036	252	347476	9.635	ng	100
83) Chrysene	21.119	228	896748	10.143	ng	90
84) Bis(2-ethylhexyl)phtha...	20.890	149	516829	9.686	ng	# 93
85) Di-n-octyl phthalate	21.742	149	887602	10.190	ng	99
87) Indeno(1,2,3-cd)pyrene	25.684	276	1267691	9.633	ng	99
88) Benzo(b)fluoranthene	22.658	252	1021947	9.878	ng	95
89) Benzo(k)fluoranthene	22.699	252	969482	9.929	ng	95
90) Benzo(a)pyrene	23.257	252	906647	9.930	ng	97
91) Dibenzo(a,h)anthracene	25.678	278	1048859	9.520	ng	99
92) Benzo(g,h,i)perylene	26.430	276	985972	8.813	ng	97

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

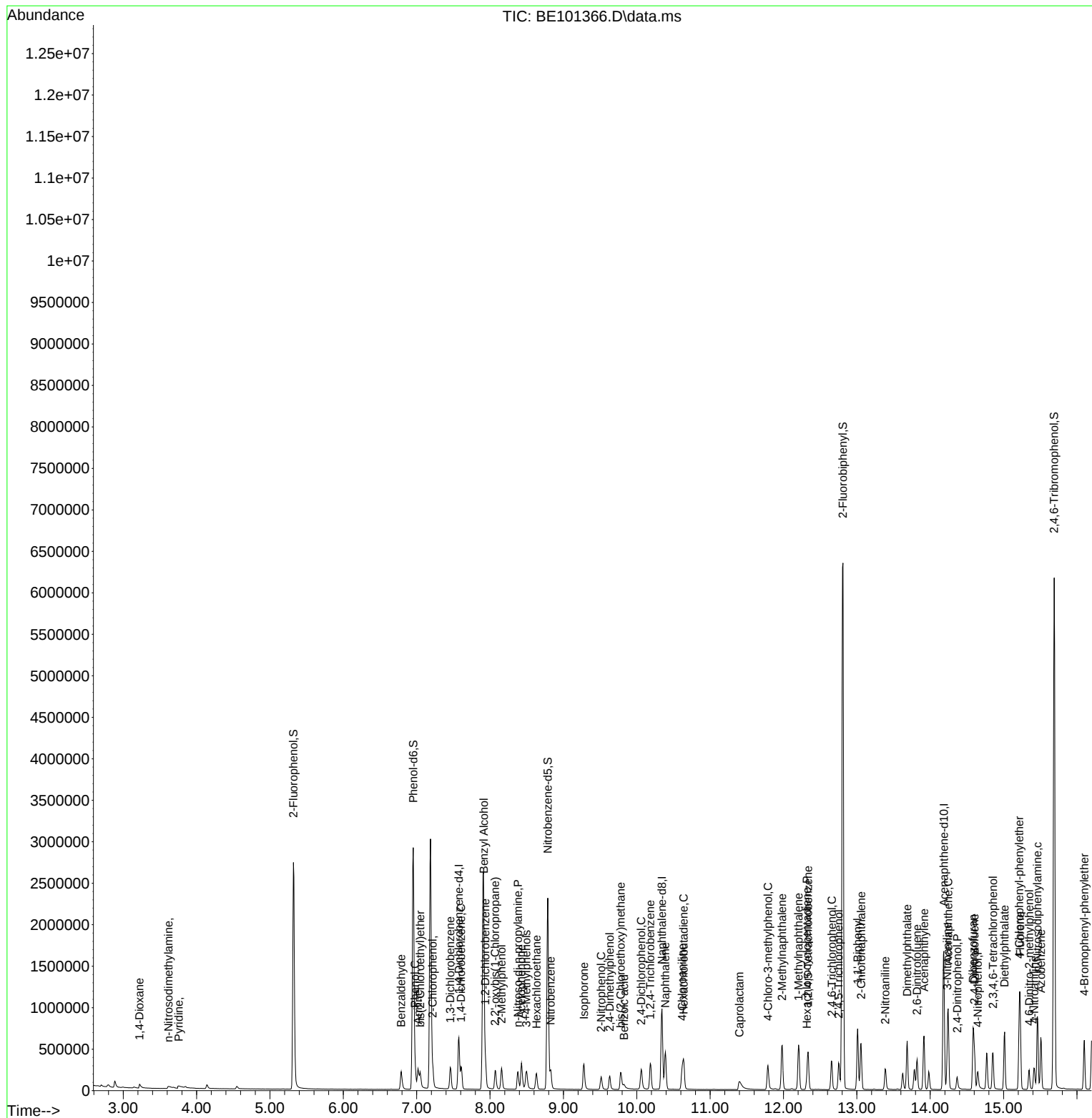
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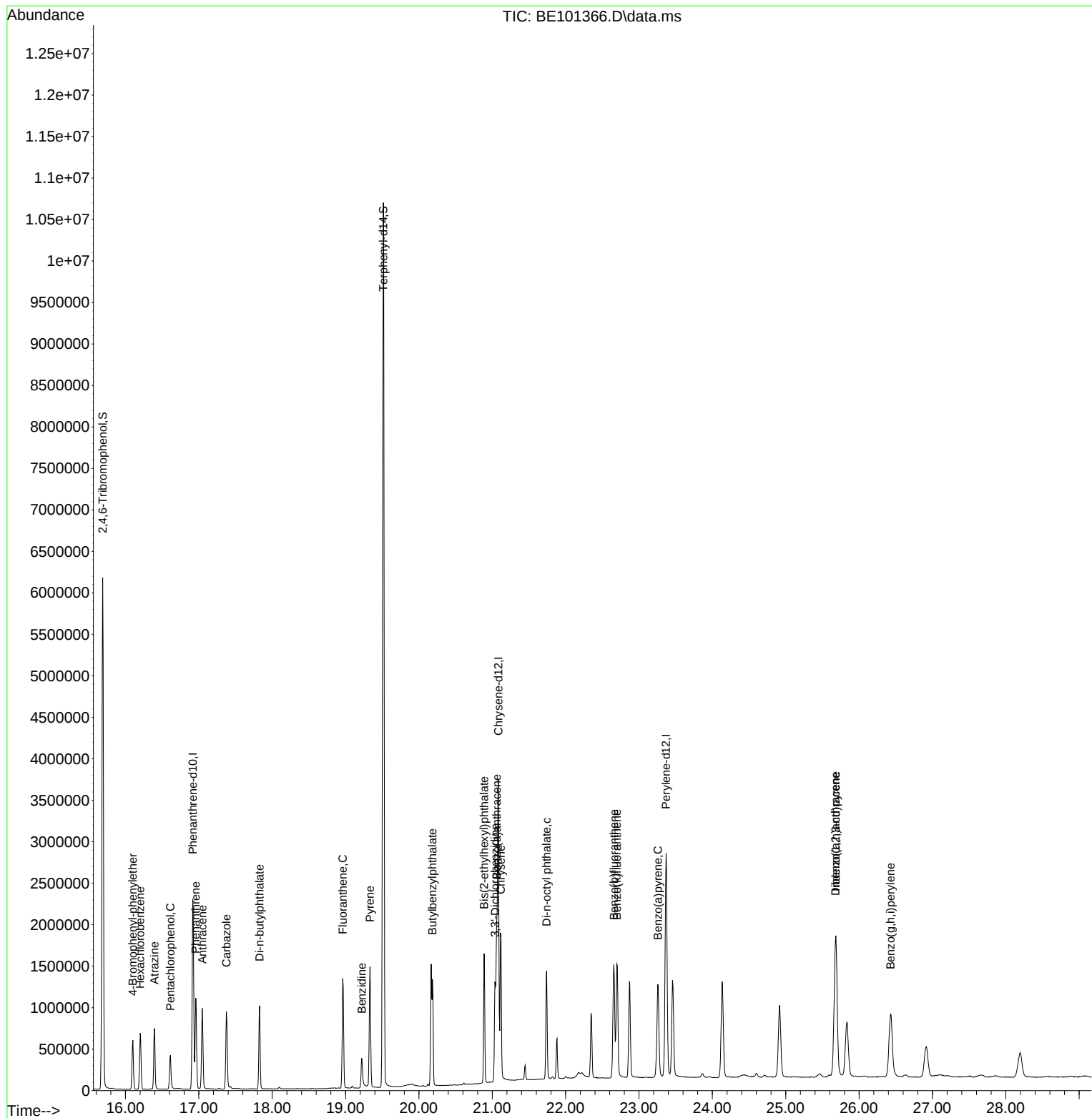
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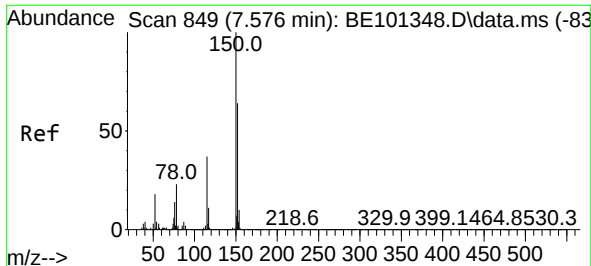
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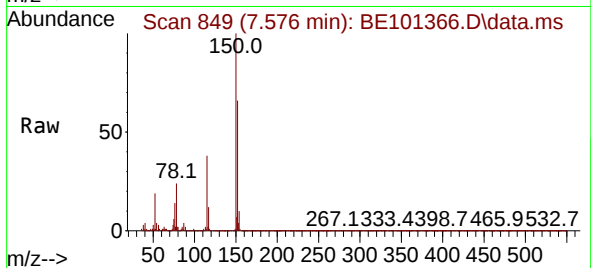
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.576 min Scan# 849
Delta R.T. -0.000 min
Lab File: BE101366.D
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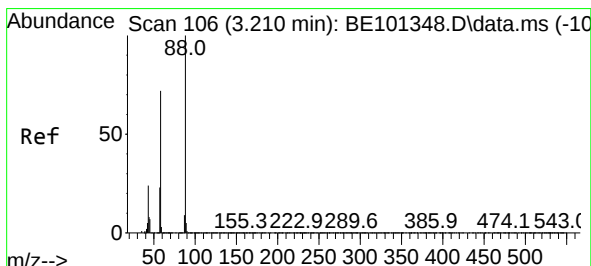
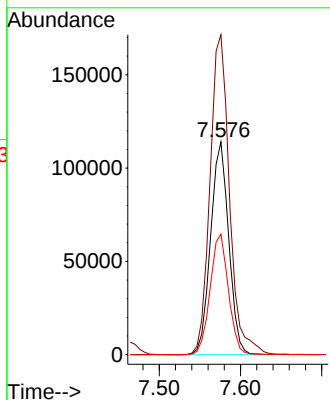
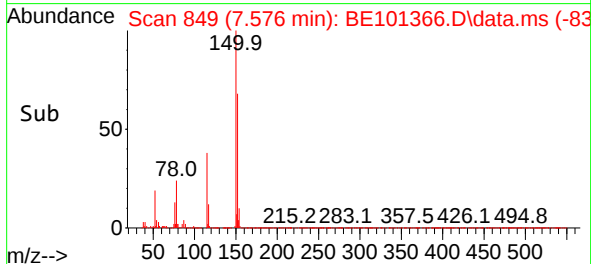
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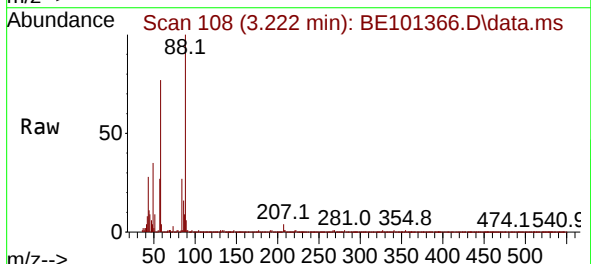
Tgt Ion:152 Resp: 176792
Ion Ratio Lower Upper
152 100
150 150.4 125.9 188.9
115 56.7 46.9 70.3

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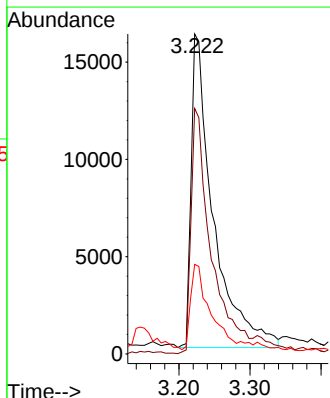
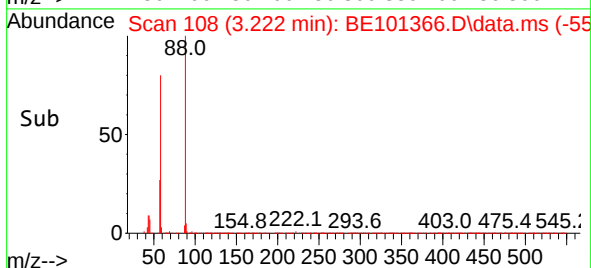
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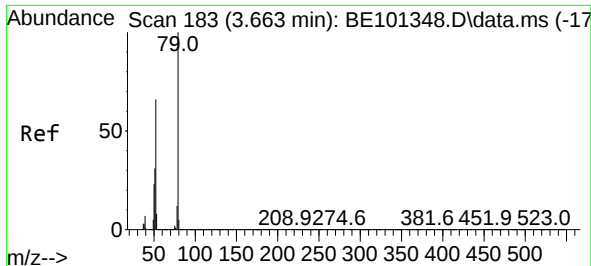


#2
1,4-Dioxane
Concen: 9.024 ng
RT: 3.222 min Scan# 108
Delta R.T. 0.012 min
Lab File: BE101366.D
Acq: 18 Sep 2024 16:40



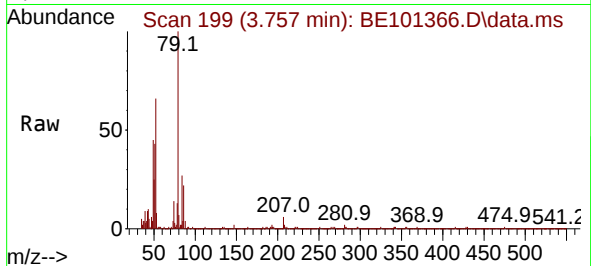
Tgt Ion: 88 Resp: 34743
Ion Ratio Lower Upper
88 100
58 70.8 58.8 88.2
43 28.1 19.4 29.2





#3
Pyridine
Concen: 7.524 ng m
RT: 3.757 min Scan# 183
Delta R.T. 0.094 min
Lab File: BE101366.D
Acq: 18 Sep 2024 16:40

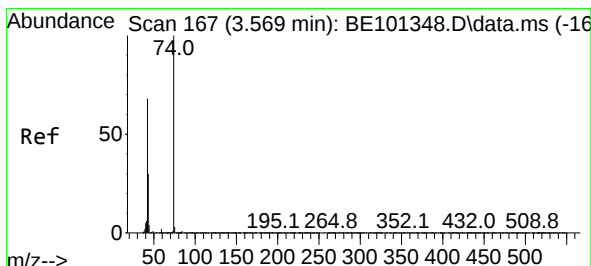
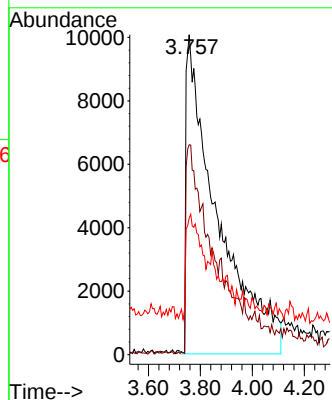
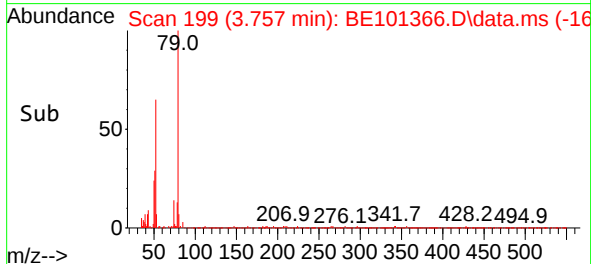
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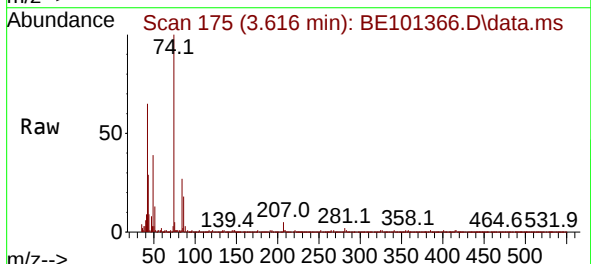
Tgt Ion: 79 Resp: 8344
Ion Ratio Lower Upper
79 100
52 65.6 52.6 78.8
51 42.7 26.2 39.2

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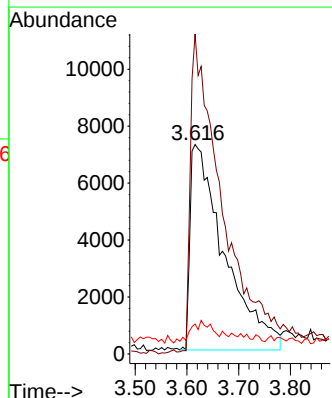
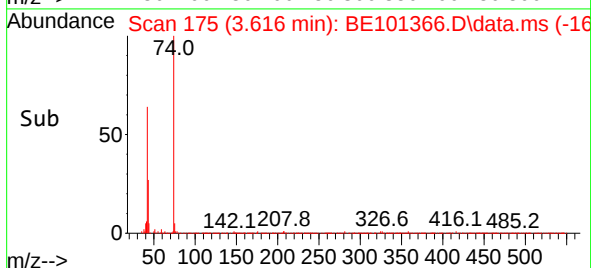
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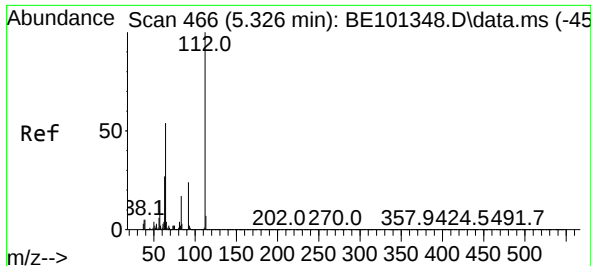


#4
n-Nitrosodimethylamine
Concen: 8.372 ng
RT: 3.616 min Scan# 175
Delta R.T. -0.053 min
Lab File: BE101366.D
Acq: 18 Sep 2024 16:40



Tgt Ion: 42 Resp: 33358
Ion Ratio Lower Upper
42 100
74 152.8 117.0 175.4
44 14.3 5.9 8.9





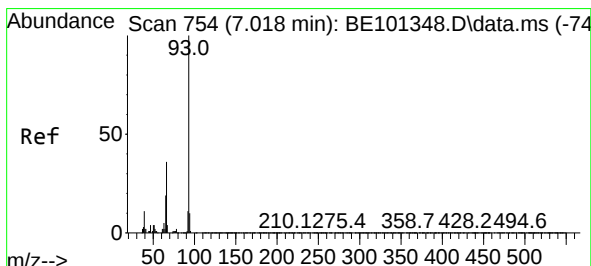
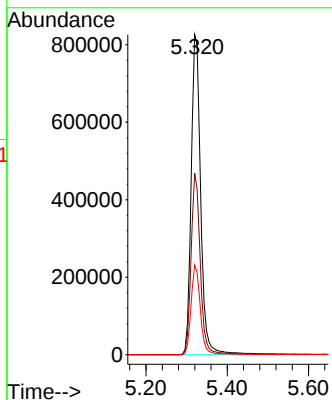
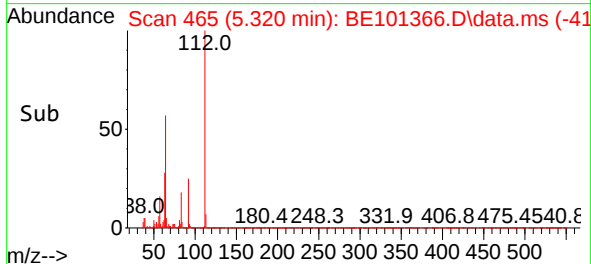
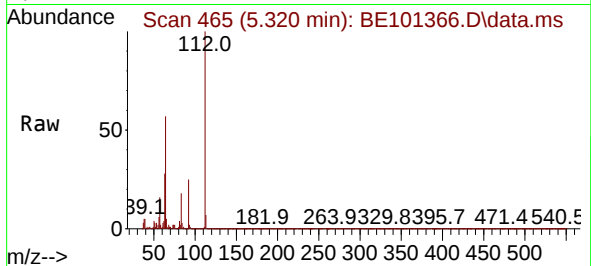
#5
2-Fluorophenol
Concen: 133.478 ng
RT: 5.320 min Scan# 465
Delta R.T. -0.006 min
Lab File: BE101366.D
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Tgt Ion:112 Resp: 1349650
Ion Ratio Lower Upper
112 100
64 56.8 42.8 64.2
63 28.0 21.3 31.9

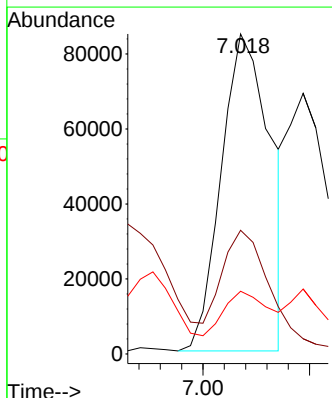
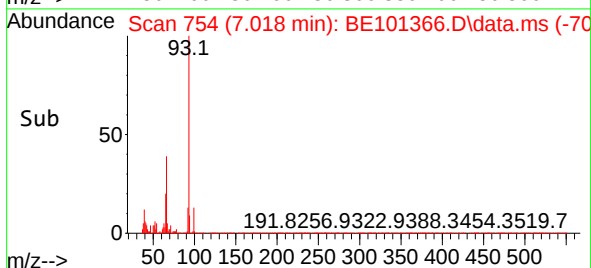
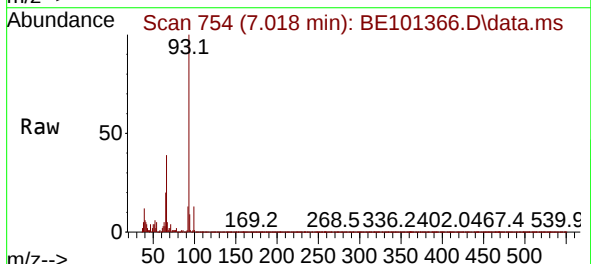
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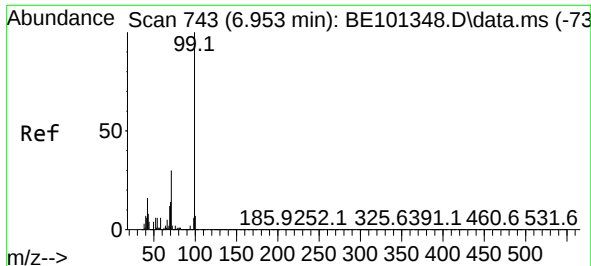
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#6
Aniline
Concen: 11.308 ng
RT: 7.018 min Scan# 754
Delta R.T. -0.000 min
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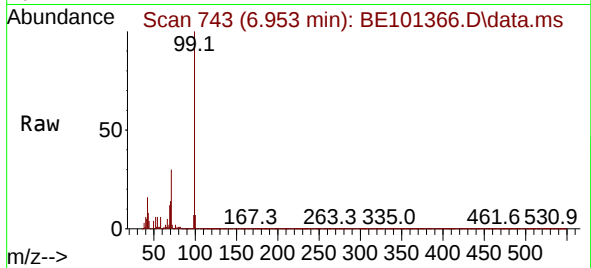
Tgt Ion: 93 Resp: 135990
Ion Ratio Lower Upper
93 100
66 38.6 30.0 45.0
65 19.6 15.8 23.8





#7
Phenol-d6
Concen: 131.066 ng
RT: 6.953 min Scan# 743
Delta R.T. -0.000 min
Lab File: BE101366.D
Acq: 18 Sep 2024 16:40

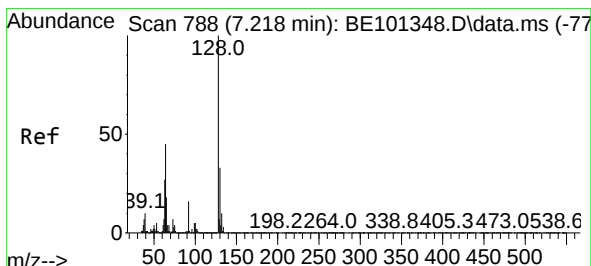
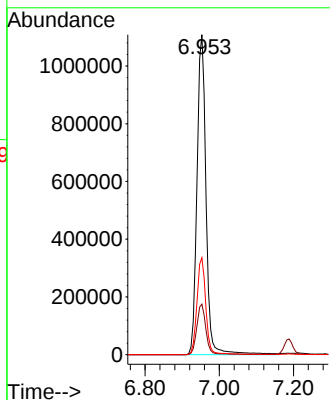
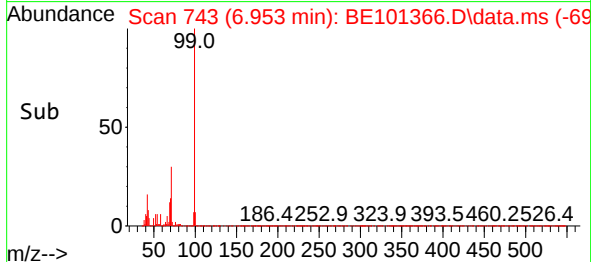
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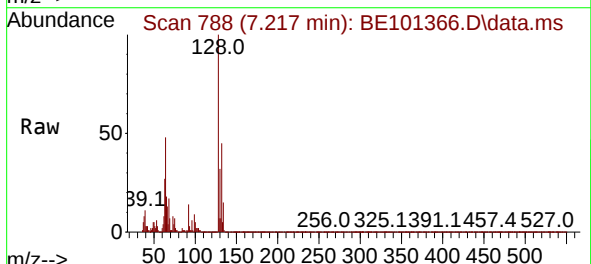
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Ion Ratio Lower Upper
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42 15.8 12.8 19.2
71 30.3 23.8 35.6

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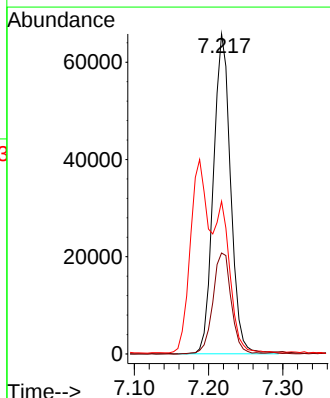
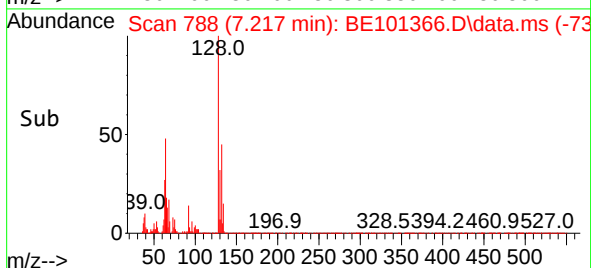
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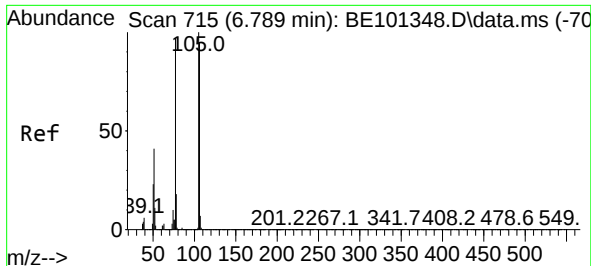


#8
2-Chlorophenol
Concen: 8.756 ng
RT: 7.217 min Scan# 788
Delta R.T. -0.000 min
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Tgt Ion:128 Resp: 106383
Ion Ratio Lower Upper
128 100
130 31.6 12.8 52.8
64 47.7 24.9 64.9





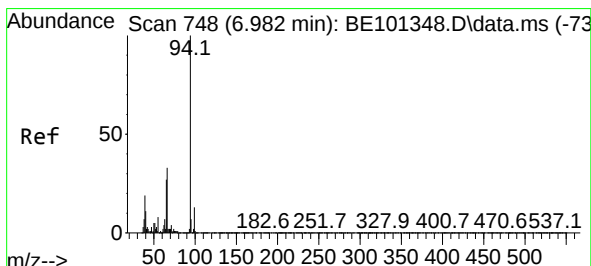
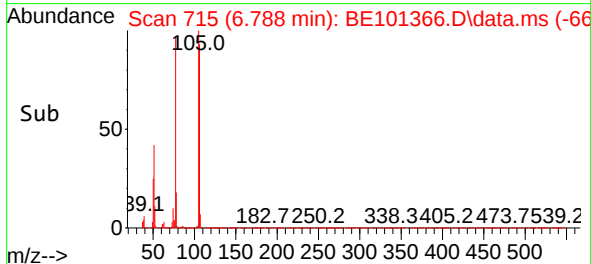
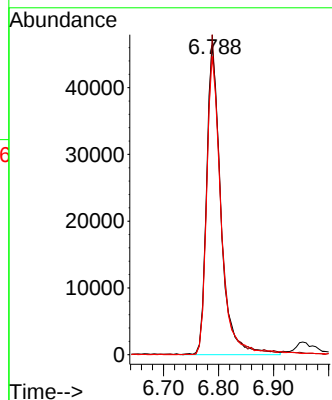
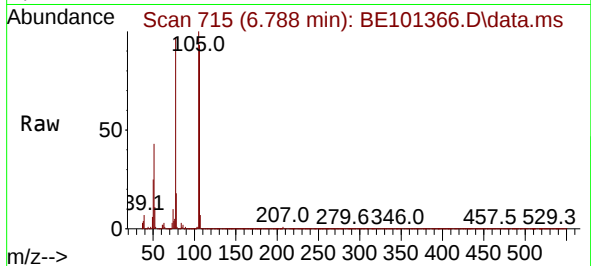
#9
Benzaldehyde
Concen: 12.711 ng
RT: 6.788 min Scan# 715
Delta R.T. -0.000 min
Lab File: BE101366.D
Acq: 18 Sep 2024 16:40

Instrument : BNA_E
ClientSampleId : LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 77	Resp: 8373		
Ion Ratio	Lower	Upper	
77	100		
105	103.4	82.8	122.8
106	96.4	77.9	117.9

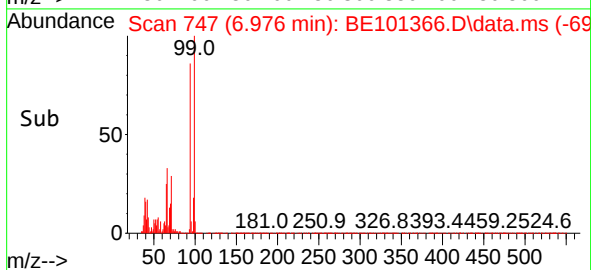
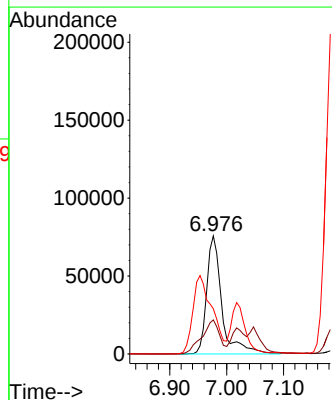
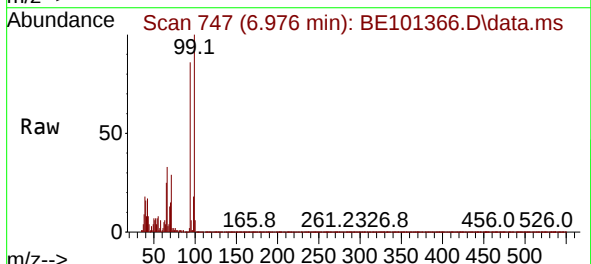
Manual Integrations
APPROVED

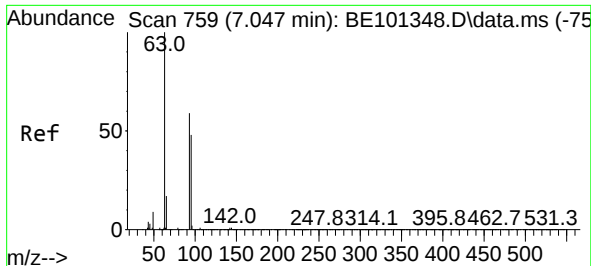
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#10
Phenol
Concen: 8.882 ng
RT: 6.976 min Scan# 747
Delta R.T. -0.006 min
Lab File: BE101366.D
Acq: 18 Sep 2024 16:40

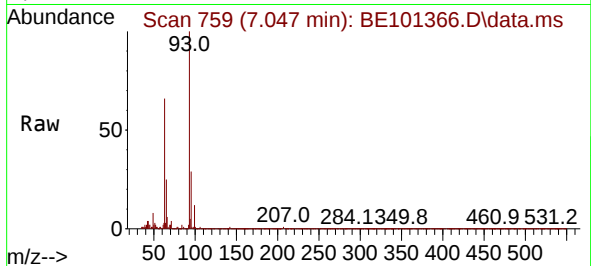
Tgt Ion: 94	Resp: 139937
Ion Ratio	Lower Upper
94 100	
65 28.9	7.1 47.1
66 38.3	13.1 53.1





#11
bis(2-Chloroethyl)ether
Concen: 8.035 ng m
RT: 7.047 min Scan# 701
Delta R.T. -0.000 min
Lab File: BE101366.D
Acq: 18 Sep 2024 16:40

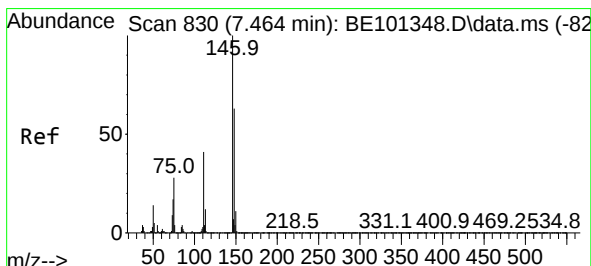
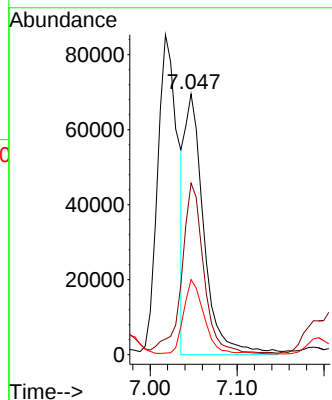
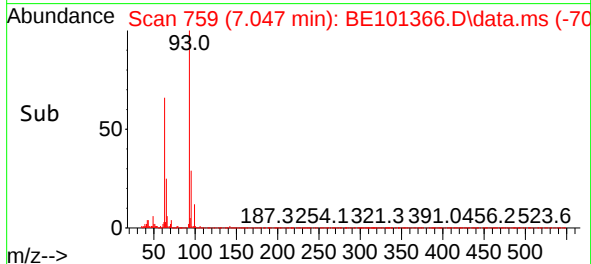
Instrument : BNA_E
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



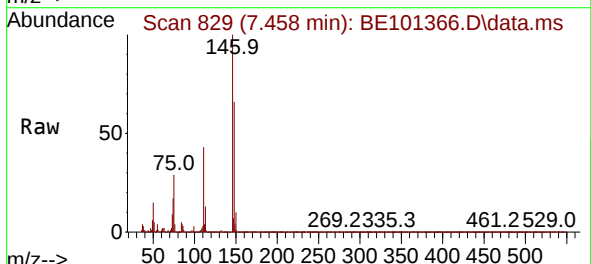
Tgt Ion: 93 Resp: 107135
Ion Ratio Lower Upper
93 100
63 65.8 43.7 83.7
95 28.8 8.7 48.7

Manual Integrations
APPROVED

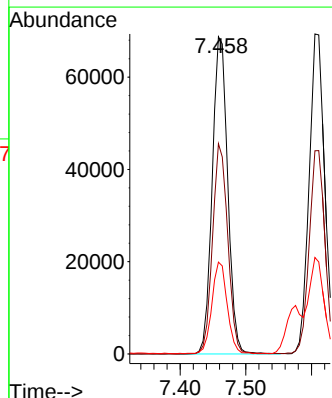
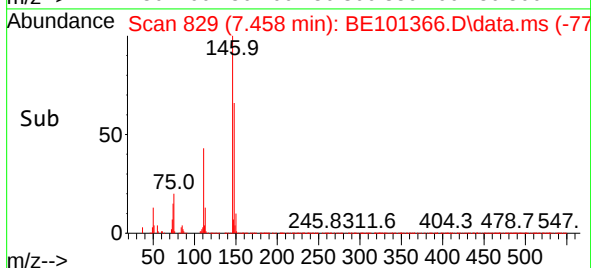
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

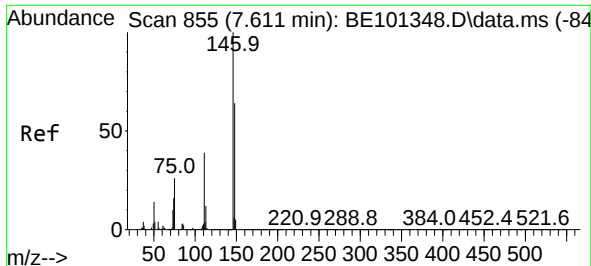


#12
1,3-Dichlorobenzene
Concen: 8.624 ng
RT: 7.458 min Scan# 829
Delta R.T. -0.006 min
Lab File: BE101366.D
Acq: 18 Sep 2024 16:40



Tgt Ion:146 Resp: 112612
Ion Ratio Lower Upper
146 100
148 66.3 50.8 76.2
75 28.9 22.1 33.1





#13

1,4-Dichlorobenzene

Concen: 8.592 ng

RT: 7.605 min Scan# 81

Delta R.T. -0.006 min

Lab File: BE101366.D

Acq: 18 Sep 2024 16:40

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

Tgt Ion:146 Resp: 11431

Ion Ratio Lower Upper

146 100

148 63.5 51.1 76.7

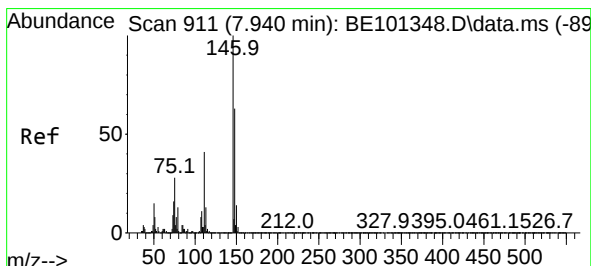
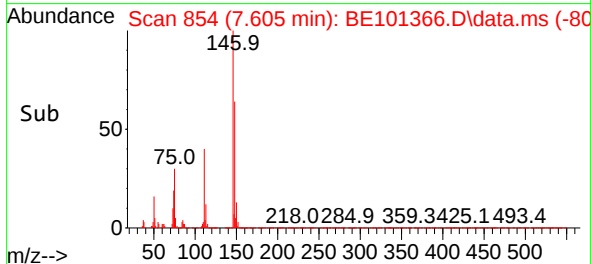
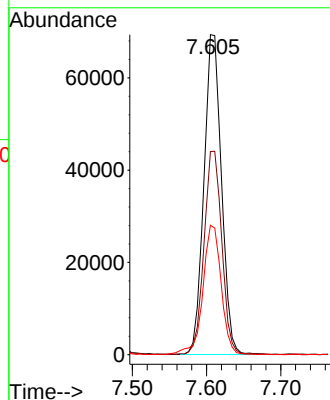
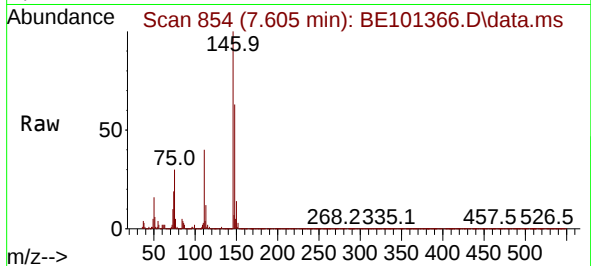
111 40.5 31.1 46.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/19/2024

Supervised By :mohammad ahmed 09/20/2024



#14

1,2-Dichlorobenzene

Concen: 8.470 ng

RT: 7.934 min Scan# 910

Delta R.T. -0.006 min

Lab File: BE101366.D

Acq: 18 Sep 2024 16:40

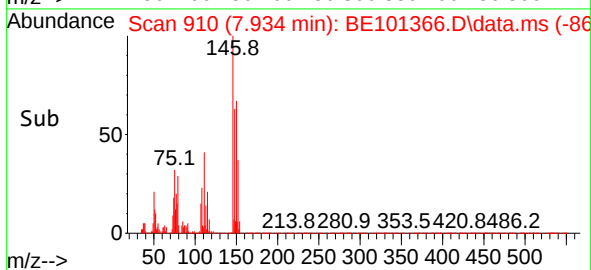
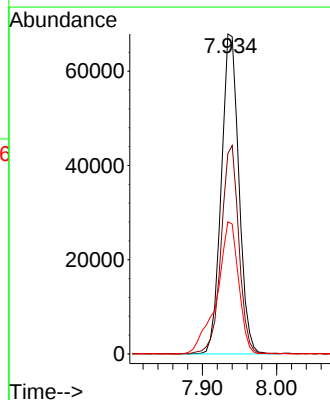
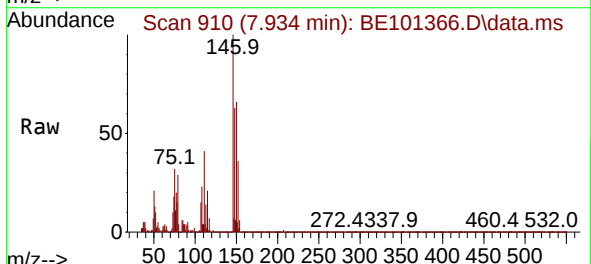
Tgt Ion:146 Resp: 111669

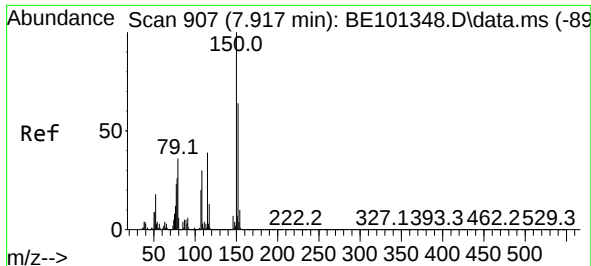
Ion Ratio Lower Upper

146 100

148 62.7 50.4 75.6

111 41.3 32.6 48.8





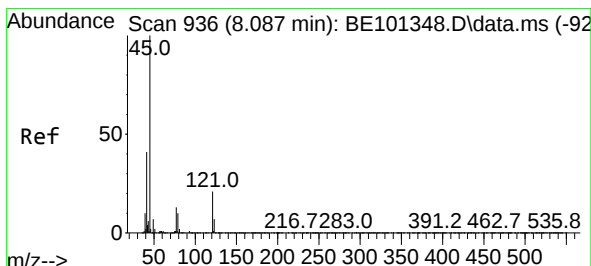
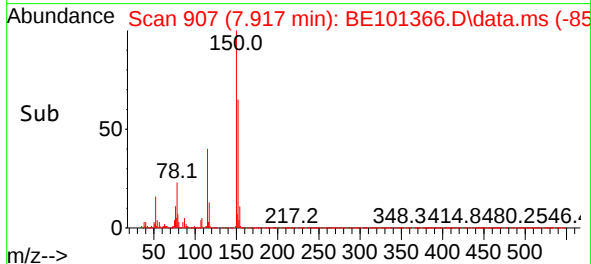
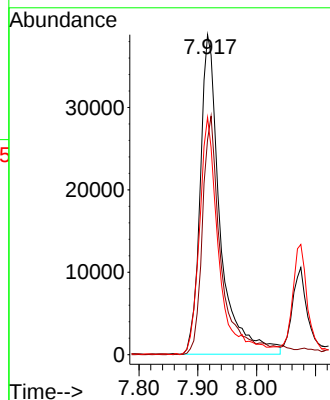
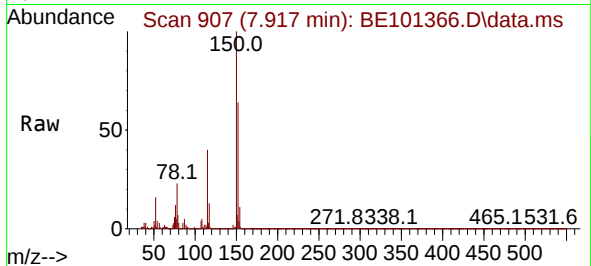
#15
Benzyl Alcohol
Concen: 10.688 ng
RT: 7.917 min Scan# 907
Delta R.T. -0.000 min
Lab File: BE101366.D
Acq: 18 Sep 2024 16:40

Instrument : BNA_E
ClientSampleId : LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 79 Resp: 91224
Ion Ratio Lower Upper
79 100
108 67.2 66.0 99.0
77 74.1 51.0 76.6

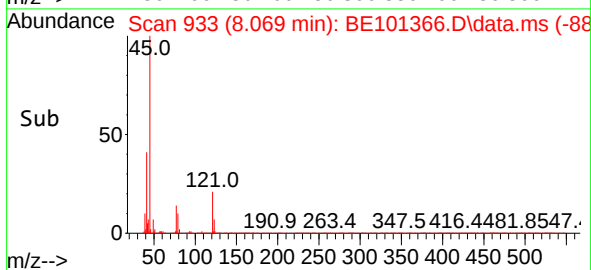
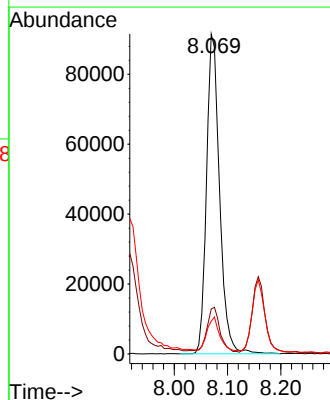
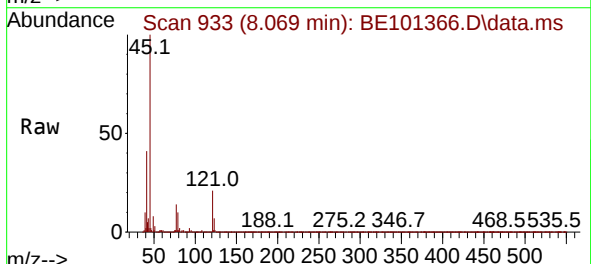
Manual Integrations
APPROVED

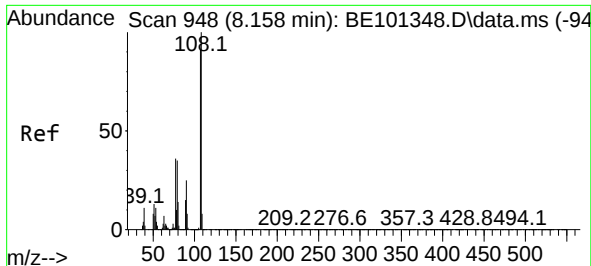
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.236 ng
RT: 8.069 min Scan# 933
Delta R.T. -0.018 min
Lab File: BE101366.D
Acq: 18 Sep 2024 16:40

Tgt Ion: 45 Resp: 155214
Ion Ratio Lower Upper
45 100
77 14.0 0.0 34.3
79 10.3 0.0 31.6





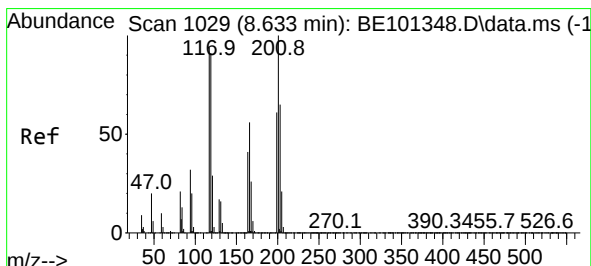
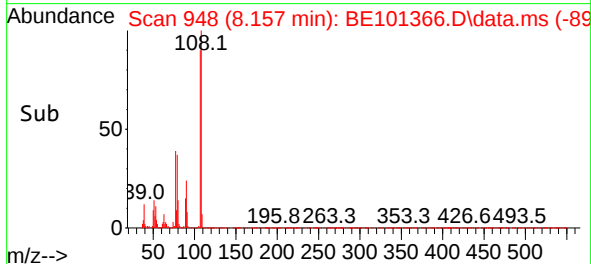
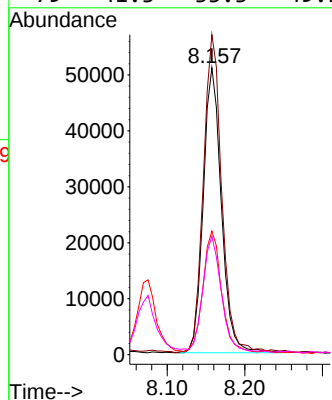
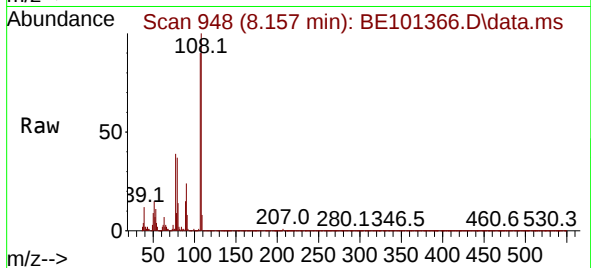
#17
2-Methylphenol
Concen: 7.948 ng
RT: 8.157 min Scan# 948
Delta R.T. -0.000 min
Lab File: BE101366.D
Acq: 18 Sep 2024 16:40

Instrument : BNA_E
ClientSampleId : LOD-MDL-WATER-01-QT2-2024

Tgt Ion:	107	Resp:	82969
Ion Ratio	Lower	Upper	
107	100		
108	111.5	88.2	132.2
77	43.1	34.9	52.3
79	41.3	33.3	49.9

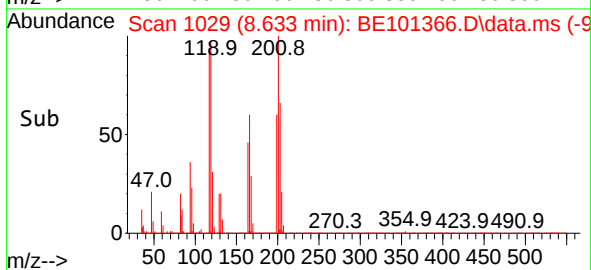
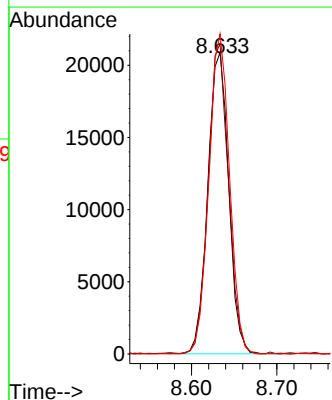
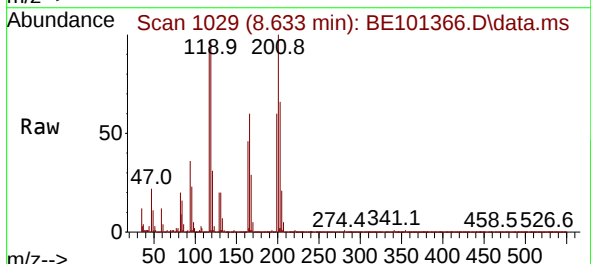
Manual Integrations
APPROVED

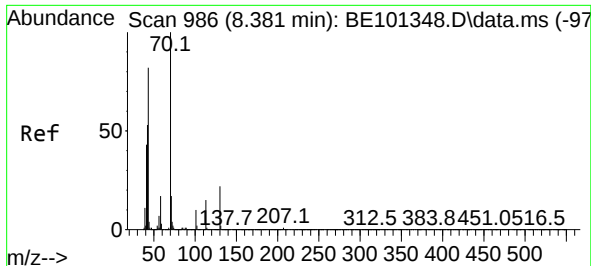
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#18
Hexachloroethane
Concen: 8.159 ng
RT: 8.633 min Scan# 1029
Delta R.T. -0.000 min
Lab File: BE101366.D
Acq: 18 Sep 2024 16:40

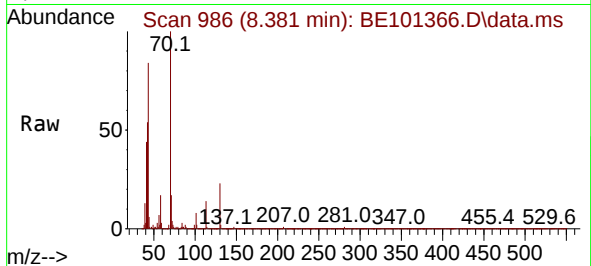
Tgt Ion:	117	Resp:	35500
Ion Ratio	Lower	Upper	
117	100		
119	103.0	77.4	116.2
201	106.2	84.8	127.2





#19
n-Nitroso-di-n-propylamine
Concen: 8.642 ng
RT: 8.381 min Scan# 986
Delta R.T. -0.000 min
Lab File: BE101366.D
Acq: 18 Sep 2024 16:40

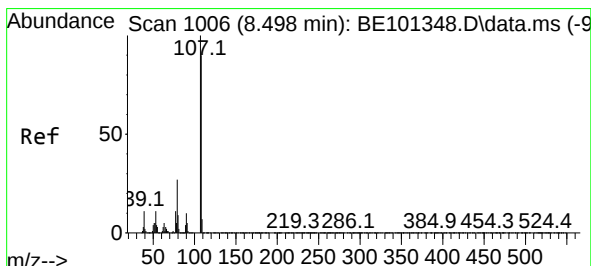
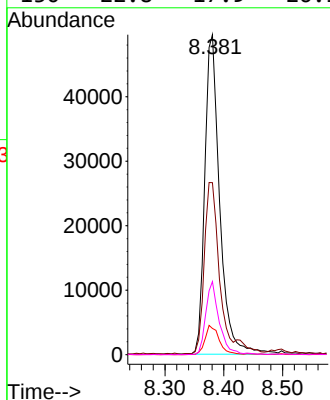
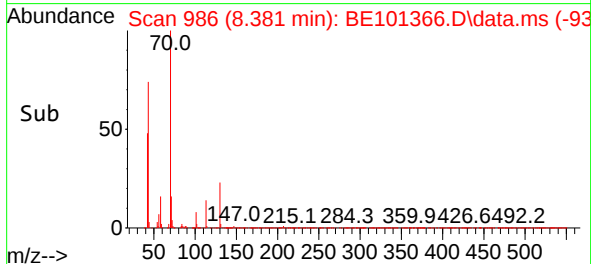
Instrument : BNA_E
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



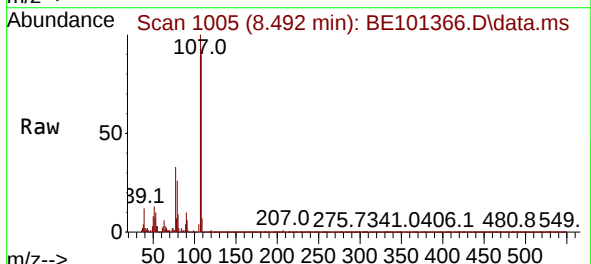
Tgt Ion: 70 Resp: 8743
Ion Ratio Lower Upper
70 100
42 53.7 42.5 63.7
101 8.2 7.8 11.6
130 22.8 17.9 26.9

Manual Integrations
APPROVED

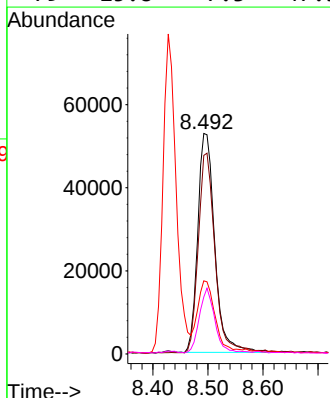
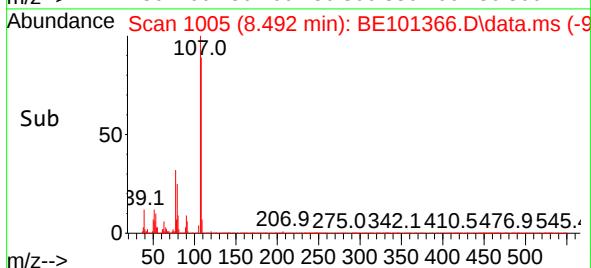
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

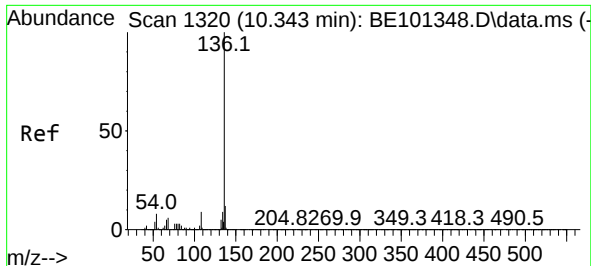


#20
3+4-Methylphenols
Concen: 7.706 ng
RT: 8.492 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BE101366.D
Acq: 18 Sep 2024 16:40



Tgt Ion:107 Resp: 113198
Ion Ratio Lower Upper
107 100
108 90.0 70.4 110.4
77 33.1 12.5 52.5
79 25.8 7.3 47.3





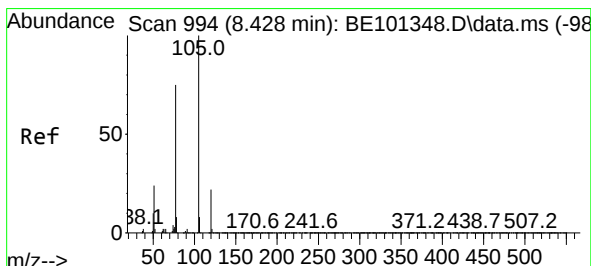
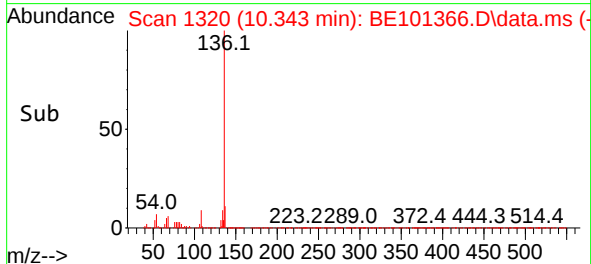
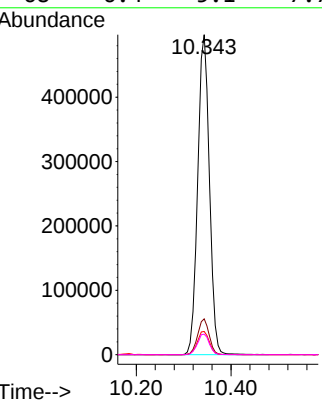
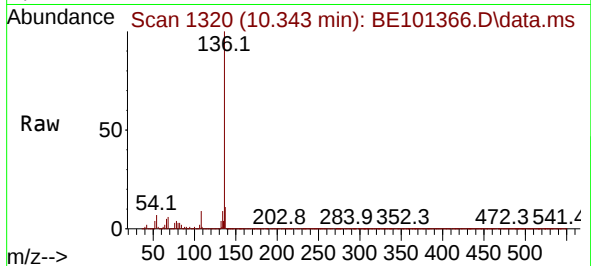
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.343 min Scan# 1320
Delta R.T. -0.000 min
Lab File: BE101366.D
Acq: 18 Sep 2024 16:40

Instrument : BNA_E
ClientSampleId : LOD-MDL-WATER-01-QT2-2024

Tgt Ion:	136	Resp:	850114
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.3	13.9
54	7.3	6.1	9.1
68	6.4	5.1	7.7

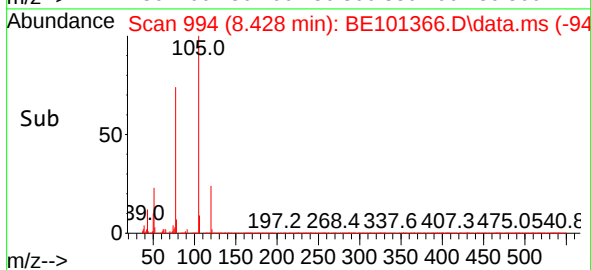
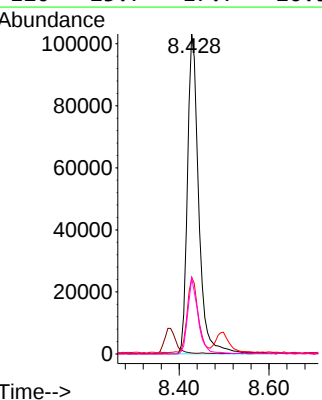
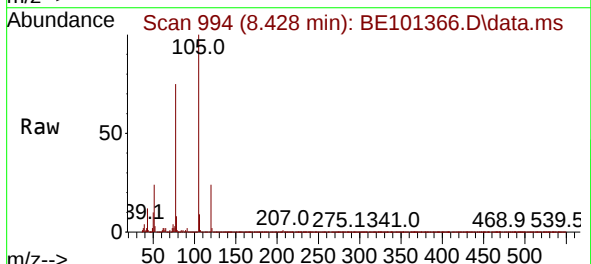
Manual Integrations
APPROVED

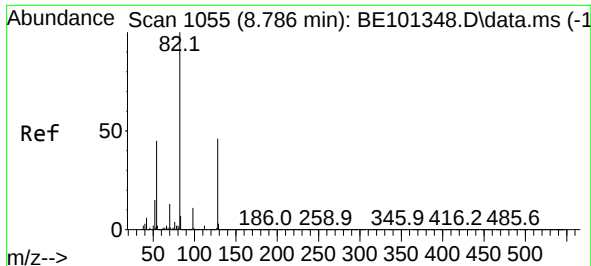
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#22
Acetophenone
Concen: 9.144 ng
RT: 8.428 min Scan# 994
Delta R.T. -0.000 min
Lab File: BE101366.D
Acq: 18 Sep 2024 16:40

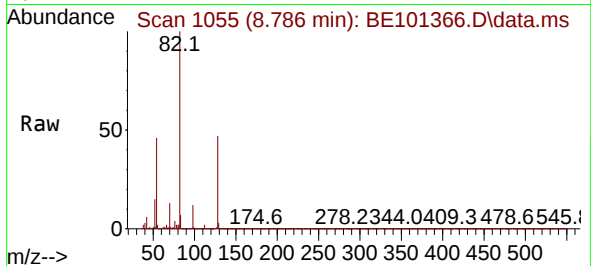
Tgt Ion:	105	Resp:	180262
Ion Ratio	Lower	Upper	
105	100		
71	0.3	0.1	0.1#
51	24.0	19.0	28.4
120	23.7	17.7	26.5





#23
Nitrobenzene-d5
Concen: 100.268 ng
RT: 8.786 min Scan# 1055
Delta R.T. -0.000 min
Lab File: BE101366.D
Acq: 18 Sep 2024 16:40

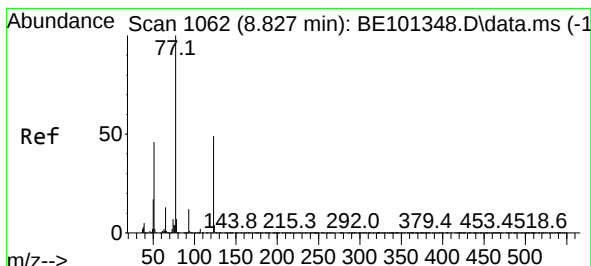
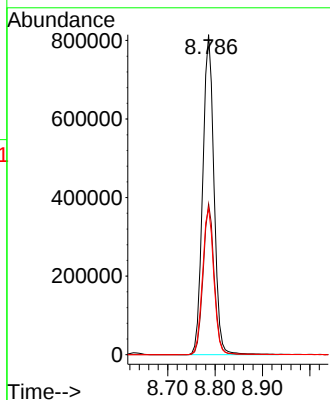
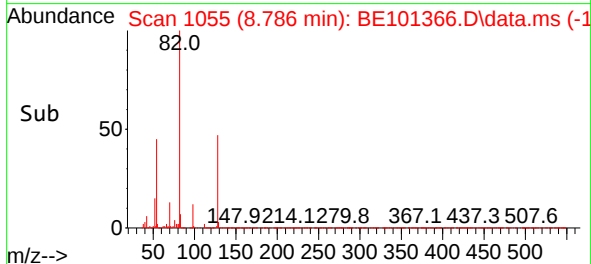
Instrument : BNA_E
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



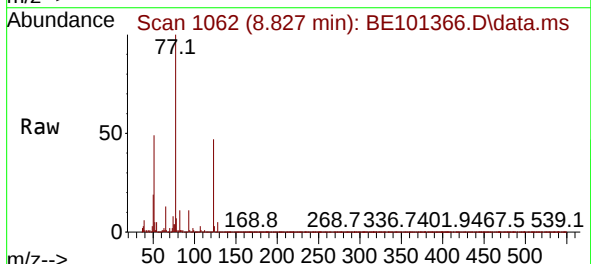
Tgt Ion: 82 Resp: 1344508
Ion Ratio Lower Upper
82 100
128 47.1 36.8 55.2
54 45.7 36.2 54.4

Manual Integrations
APPROVED

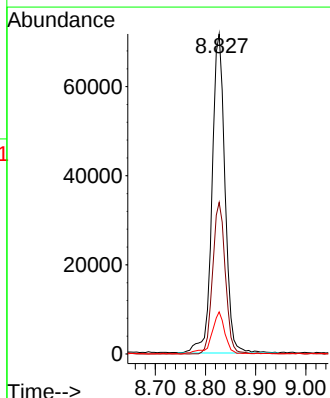
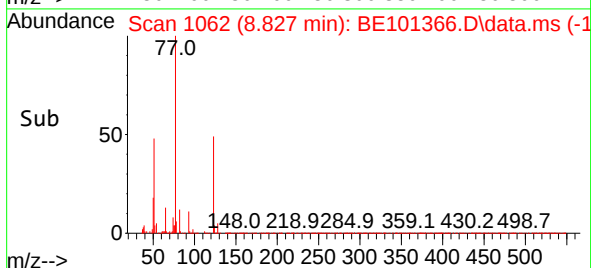
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

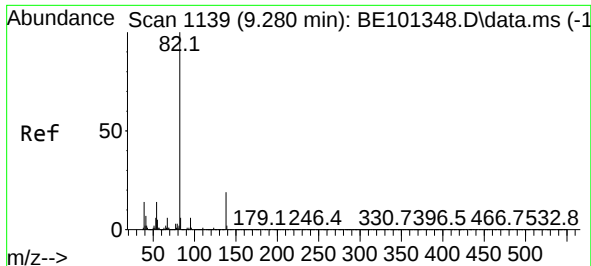


#24
Nitrobenzene
Concen: 8.980 ng
RT: 8.827 min Scan# 1062
Delta R.T. -0.000 min
Lab File: BE101366.D
Acq: 18 Sep 2024 16:40



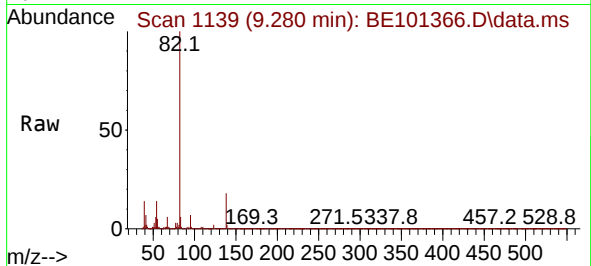
Tgt Ion: 77 Resp: 128557
Ion Ratio Lower Upper
77 100
123 47.4 39.0 58.4
65 13.2 10.2 15.4





#25
Isophorone
Concen: 8.962 ng
RT: 9.280 min Scan# 1139
Delta R.T. -0.000 min
Lab File: BE101366.D
Acq: 18 Sep 2024 16:40

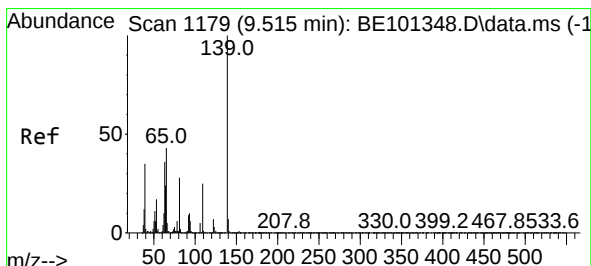
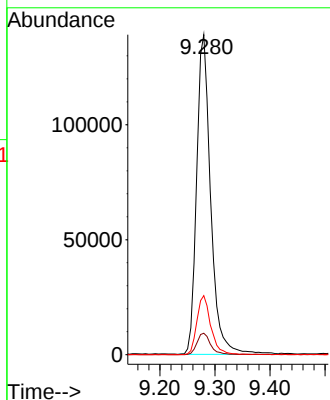
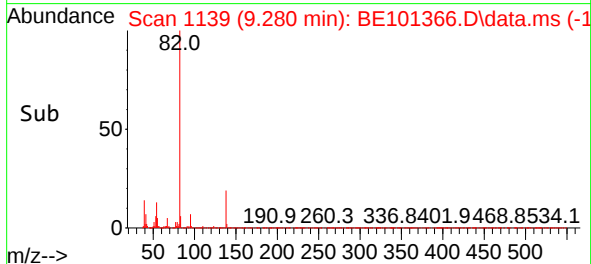
Instrument : BNA_E
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 82 Resp: 246000
Ion Ratio Lower Upper
82 100
95 6.7 5.2 7.8
138 18.4 15.0 22.6

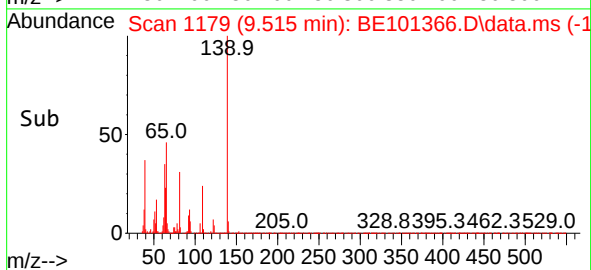
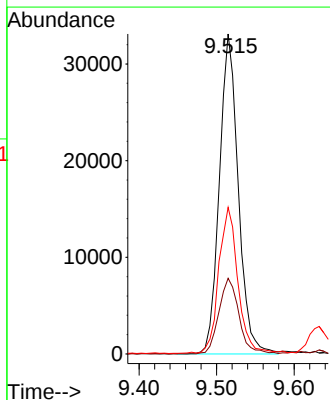
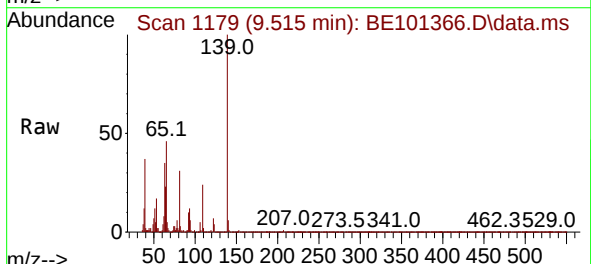
Manual Integrations
APPROVED

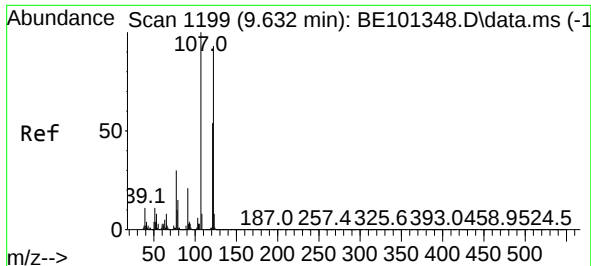
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#26
2-Nitrophenol
Concen: 8.314 ng
RT: 9.515 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BE101366.D
Acq: 18 Sep 2024 16:40

Tgt Ion:139 Resp: 56172
Ion Ratio Lower Upper
139 100
109 23.6 19.8 29.6
65 45.8 34.6 52.0





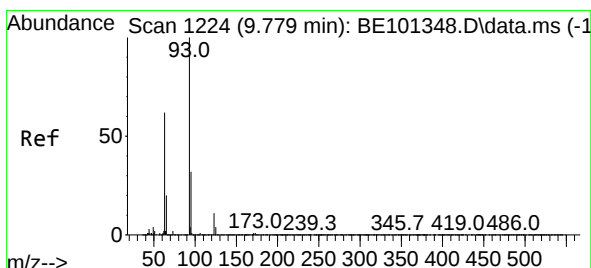
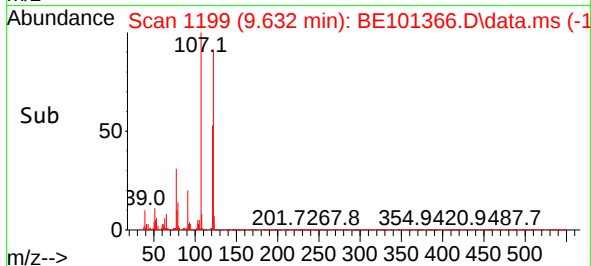
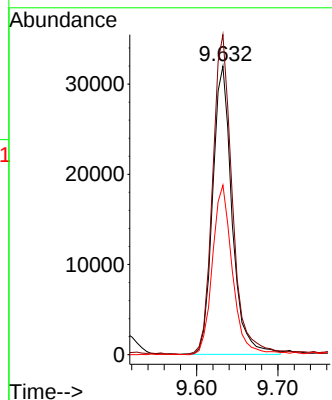
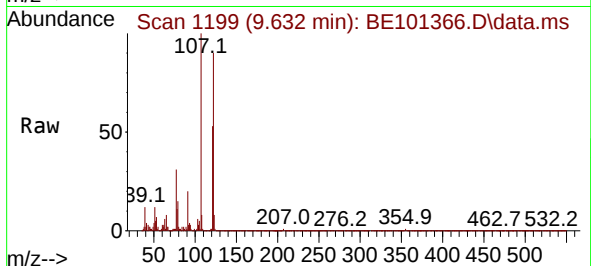
#27
2,4-Dimethylphenol
Concen: 6.116 ng
RT: 9.632 min Scan# 1199
Delta R.T. -0.000 min
Lab File: BE101366.D
Acq: 18 Sep 2024 16:40

Instrument : BNA_E
ClientSampleId : LOD-MDL-WATER-01-QT2-2024

Tgt Ion	Ratio	Lower	Upper
122	100		
107	110.9	86.4	129.6
121	58.8	46.3	69.5

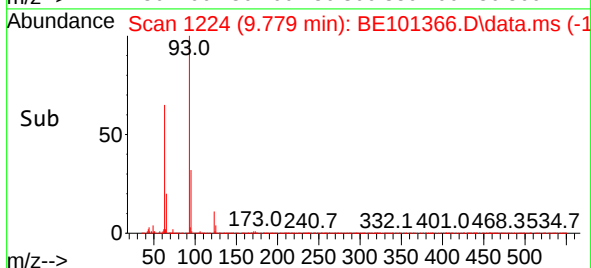
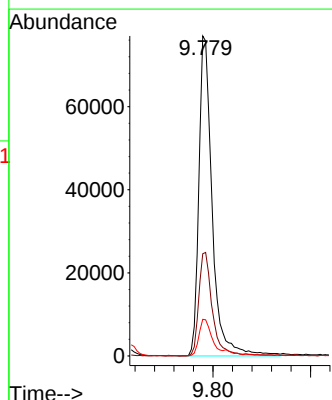
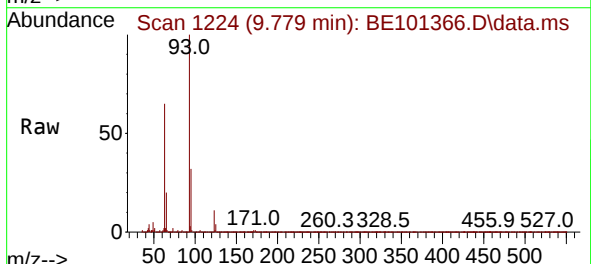
Manual Integrations
APPROVED

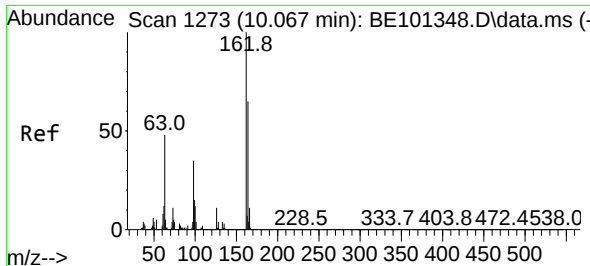
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#28
bis(2-Chloroethoxy)methane
Concen: 8.847 ng
RT: 9.779 min Scan# 1224
Delta R.T. -0.000 min
Lab File: BE101366.D
Acq: 18 Sep 2024 16:40

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	26.0	39.0
123	11.5	9.0	13.4





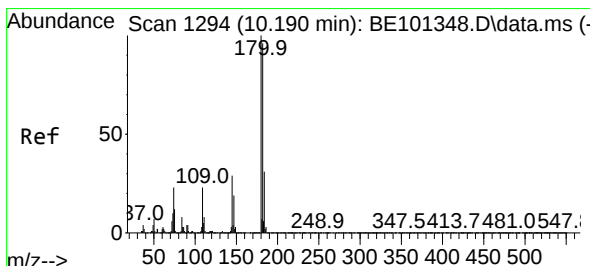
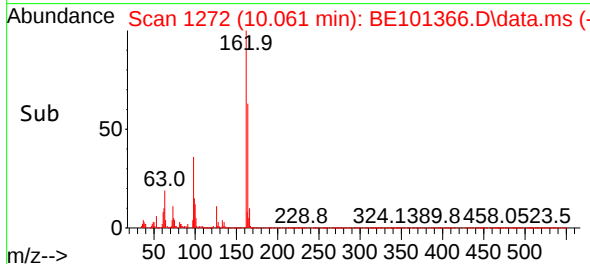
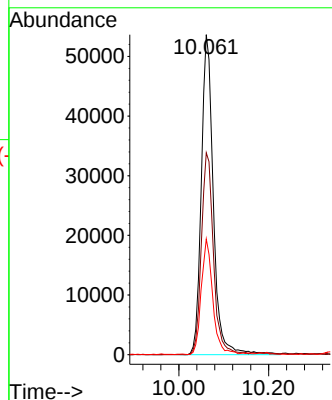
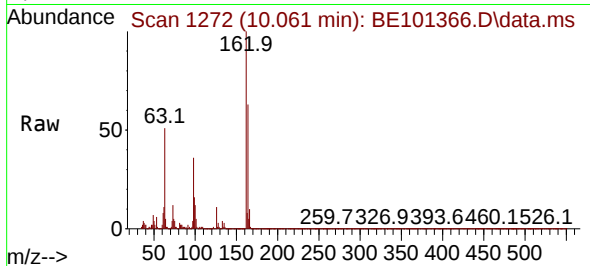
#29
2,4-Dichlorophenol
Concen: 8.401 ng
RT: 10.061 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BE101366.D
Acq: 18 Sep 2024 16:40

Instrument : BNA_E
ClientSampleId : LOD-MDL-WATER-01-QT2-2024

Tgt Ion:162 Resp: 99789
Ion Ratio Lower Upper
162 100
164 63.1 44.6 84.6
98 36.1 14.7 54.7

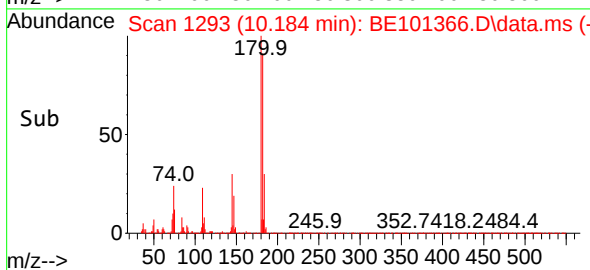
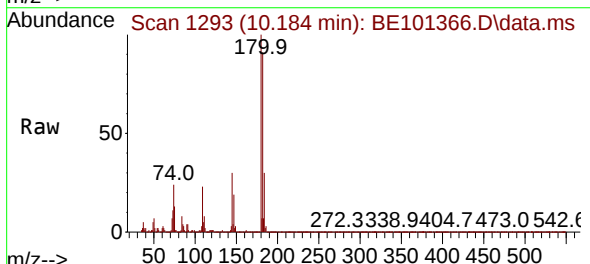
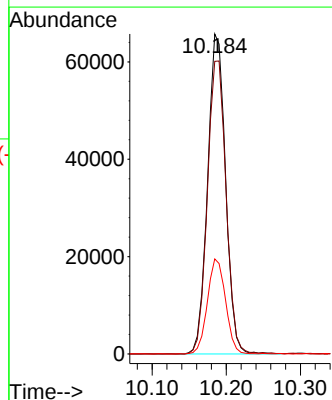
Manual Integrations
APPROVED

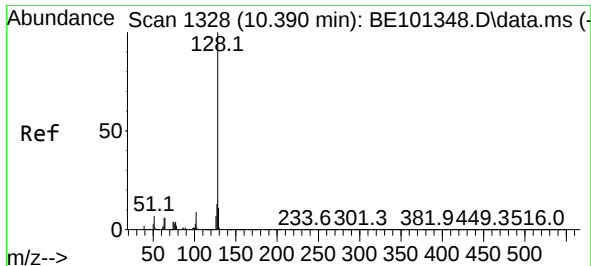
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#30
1,2,4-Trichlorobenzene
Concen: 8.618 ng
RT: 10.184 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BE101366.D
Acq: 18 Sep 2024 16:40

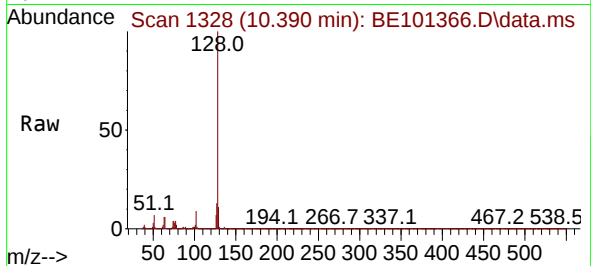
Tgt Ion:180 Resp: 110637
Ion Ratio Lower Upper
180 100
182 91.4 76.6 114.8
145 29.7 23.5 35.3





#31
Naphthalene
Concen: 8.826 ng
RT: 10.390 min Scan# 11
Delta R.T. -0.000 min
Lab File: BE101366.D
Acq: 18 Sep 2024 16:40

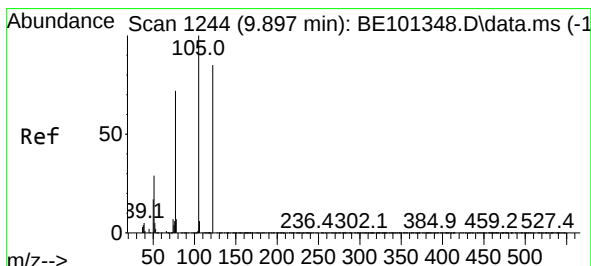
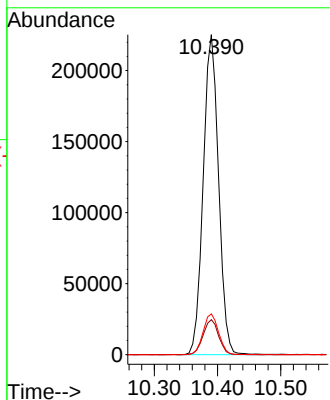
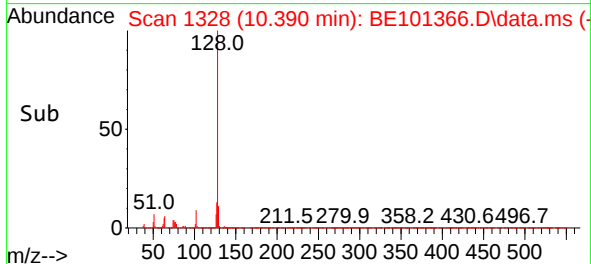
Instrument :
BNA_E
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion:128 Resp: 378590
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 12.8 10.3 15.5

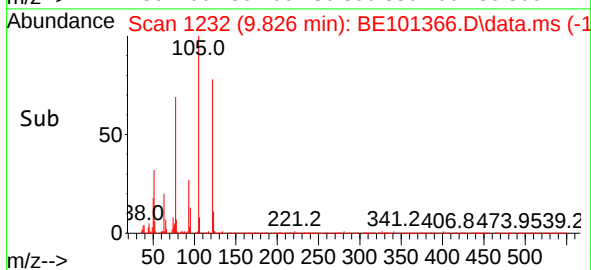
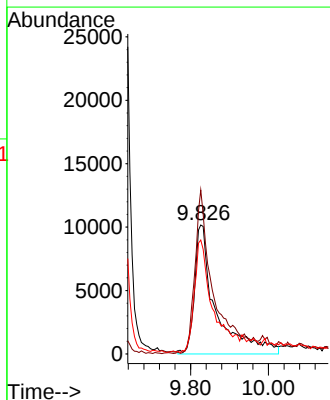
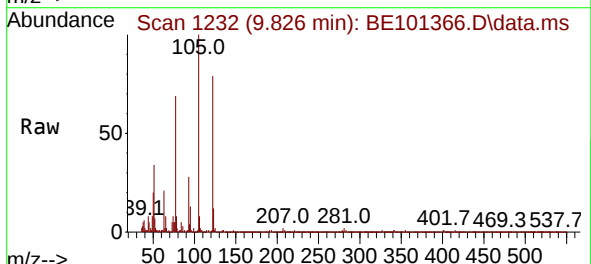
Manual Integrations
APPROVED

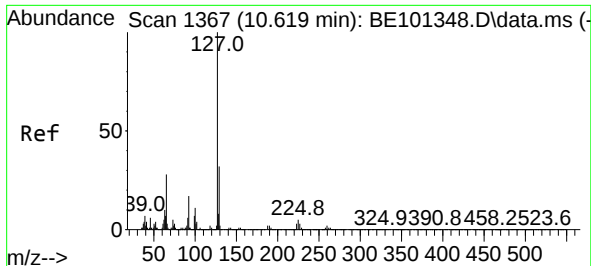
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#32
Benzoic acid
Concen: 10.893 ng m
RT: 9.826 min Scan# 1232
Delta R.T. -0.071 min
Lab File: BE101366.D
Acq: 18 Sep 2024 16:40

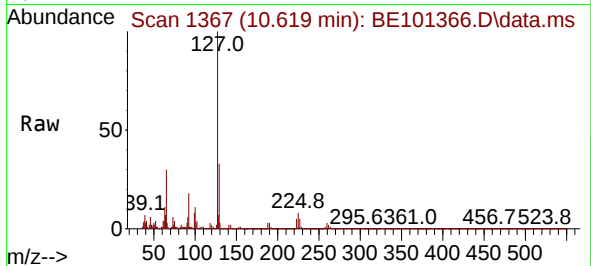
Tgt Ion:122 Resp: 38752
Ion Ratio Lower Upper
122 100
105 127.3 96.7 136.7
77 88.4 64.8 104.8





#33
4-Chloroaniline
Concen: 8.980 ng
RT: 10.619 min Scan# 1367
Delta R.T. -0.000 min
Lab File: BE101366.D
Acq: 18 Sep 2024 16:40

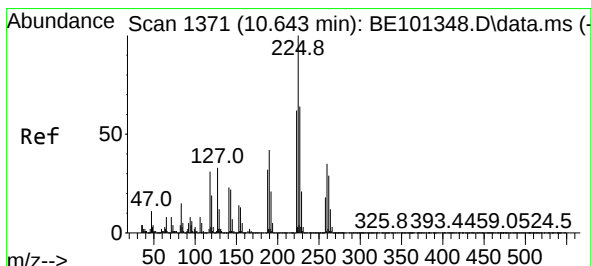
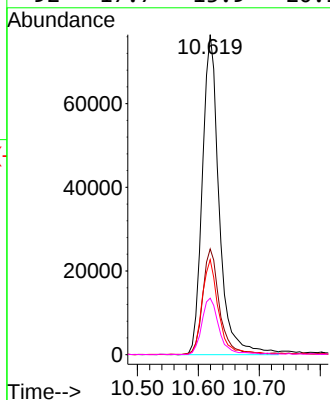
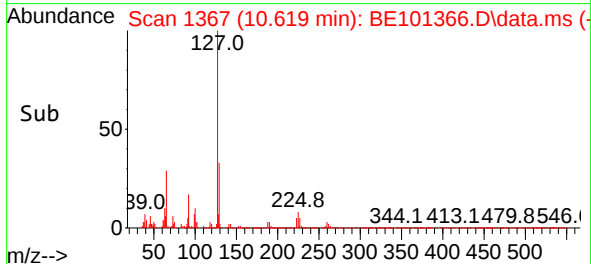
Instrument : BNA_E
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.8	38.8
65	29.7	22.5	33.7
92	17.7	13.9	20.9

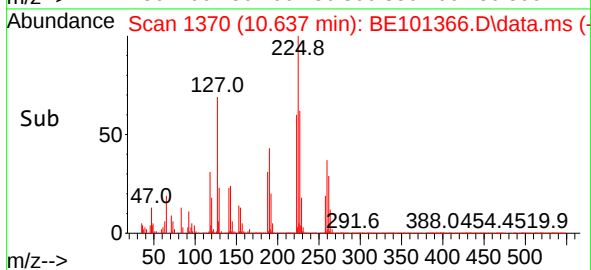
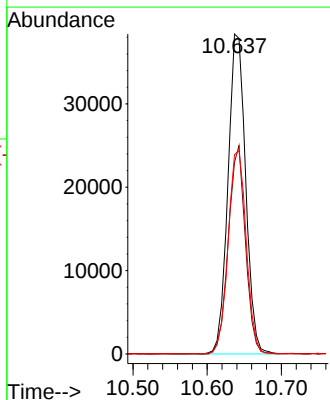
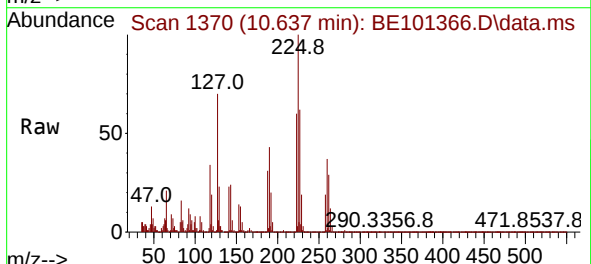
Manual Integrations
APPROVED

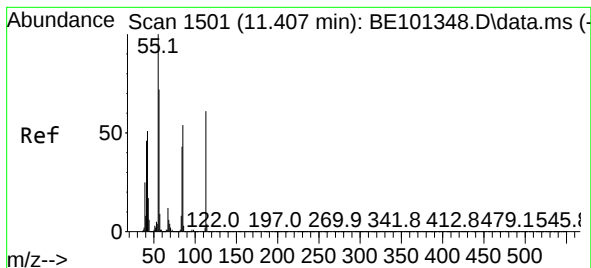
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#34
Hexachlorobutadiene
Concen: 8.510 ng
RT: 10.637 min Scan# 1370
Delta R.T. -0.006 min
Lab File: BE101366.D
Acq: 18 Sep 2024 16:40

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.9	49.8	74.8
227	62.3	51.3	76.9





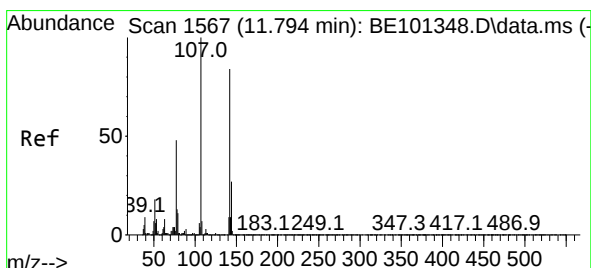
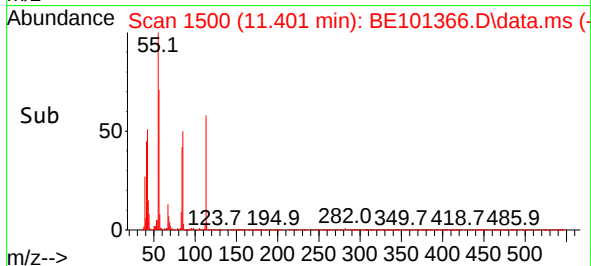
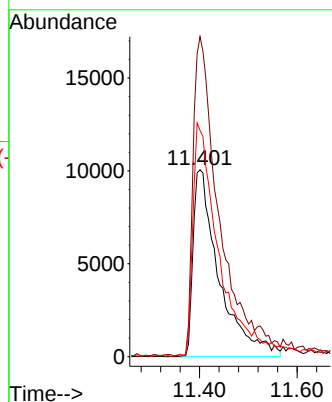
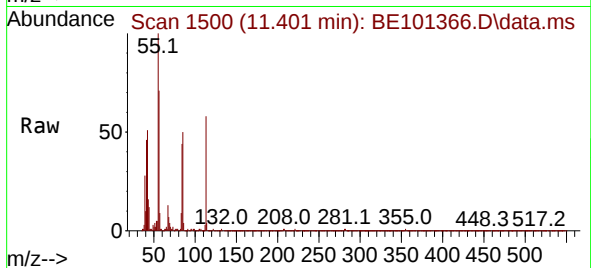
#35
Caprolactam
Concen: 7.750 ng
RT: 11.401 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BE101366.D
Acq: 18 Sep 2024 16:40

Instrument : BNA_E
ClientSampleId : LOD-MDL-WATER-01-QT2-2024

Tgt Ion:113 Resp: 3718
Ion Ratio Lower Upper
113 100
55 171.3 144.8 184.8
56 121.1 99.3 139.3

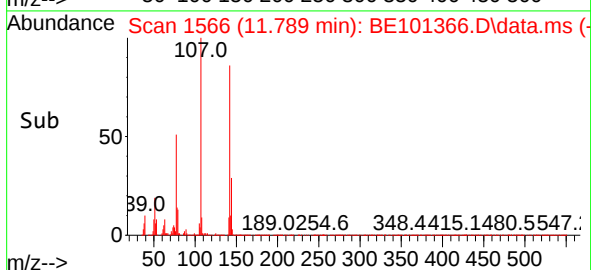
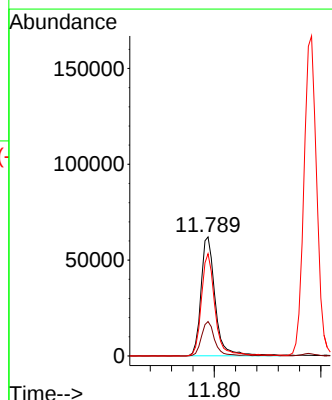
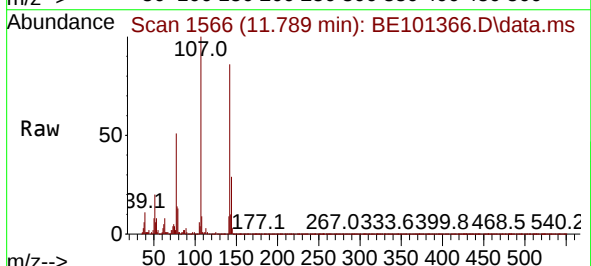
Manual Integrations
APPROVED

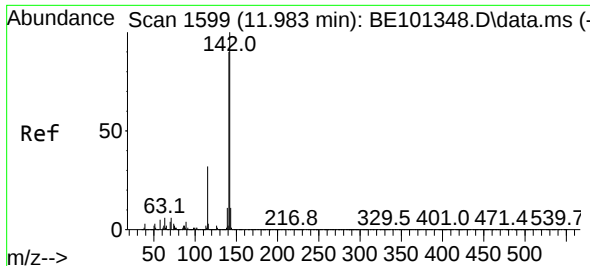
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#36
4-Chloro-3-methylphenol
Concen: 8.182 ng
RT: 11.789 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BE101366.D
Acq: 18 Sep 2024 16:40

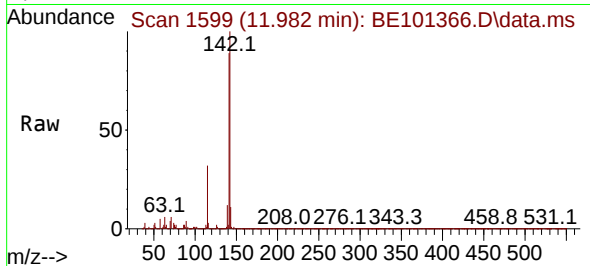
Tgt Ion:107 Resp: 114837
Ion Ratio Lower Upper
107 100
144 28.8 21.9 32.9
142 85.8 67.4 101.2





#37
2-Methylnaphthalene
Concen: 8.823 ng
RT: 11.982 min Scan# 1599
Delta R.T. -0.000 min
Lab File: BE101366.D
Acq: 18 Sep 2024 16:40

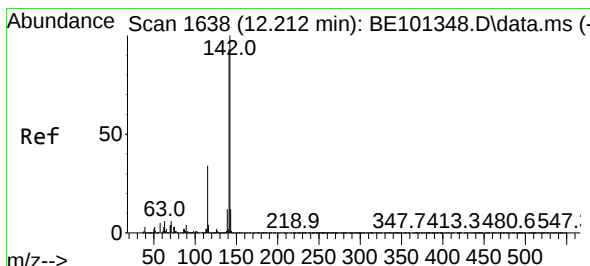
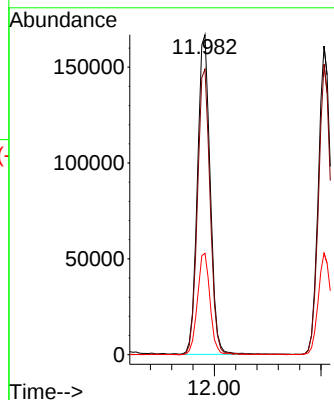
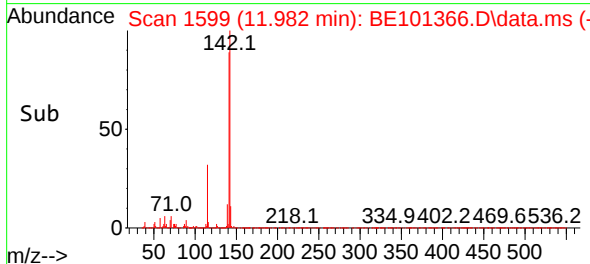
Instrument : BNA_E
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



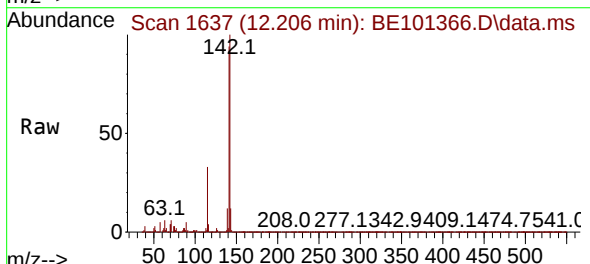
Tgt Ion:142 Resp: 276774
Ion Ratio Lower Upper
142 100
141 89.2 71.8 107.6
115 31.7 25.6 38.4

Manual Integrations
APPROVED

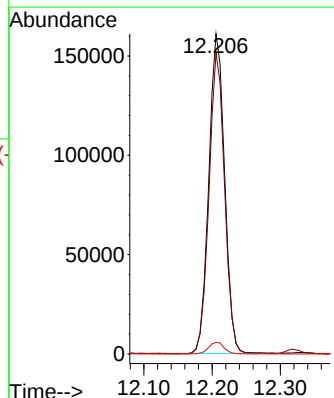
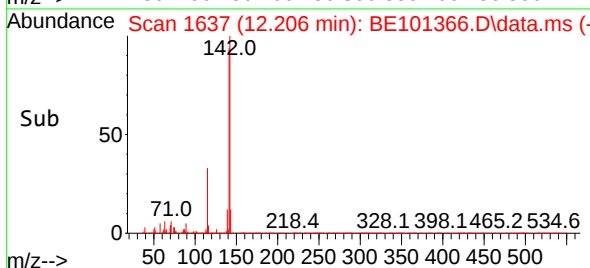
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

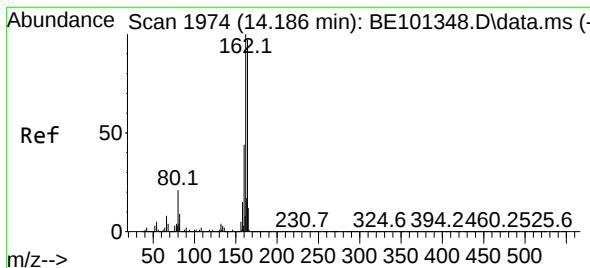


#38
1-Methylnaphthalene
Concen: 8.252 ng
RT: 12.206 min Scan# 1637
Delta R.T. -0.006 min
Lab File: BE101366.D
Acq: 18 Sep 2024 16:40



Tgt Ion:142 Resp: 259704
Ion Ratio Lower Upper
142 100
141 94.1 74.3 111.5
116 3.6 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.186 min Scan# 1974

Delta R.T. -0.000 min

Lab File: BE101366.D

Acq: 18 Sep 2024 16:40

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

Tgt Ion:164 Resp: 60743

Ion Ratio Lower Upper

164 100

162 104.0 82.6 123.8

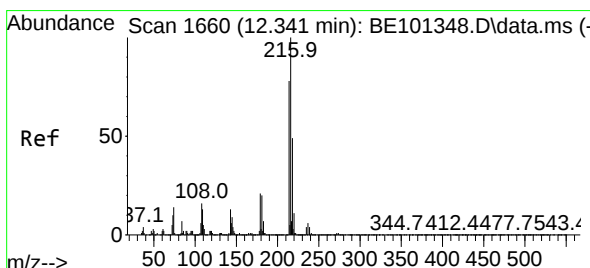
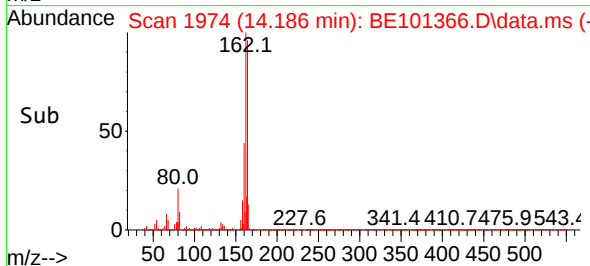
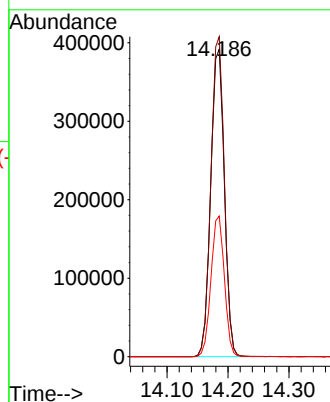
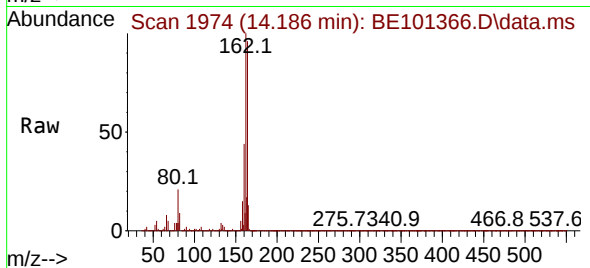
160 45.7 36.1 54.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/19/2024

Supervised By :mohammad ahmed 09/20/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 9.134 ng

RT: 12.335 min Scan# 1659

Delta R.T. -0.006 min

Lab File: BE101366.D

Acq: 18 Sep 2024 16:40

Tgt Ion:216 Resp: 133649

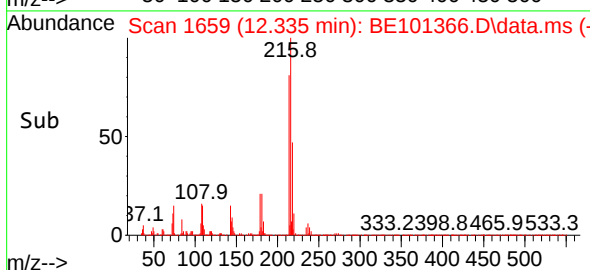
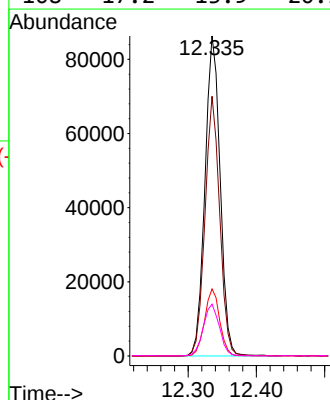
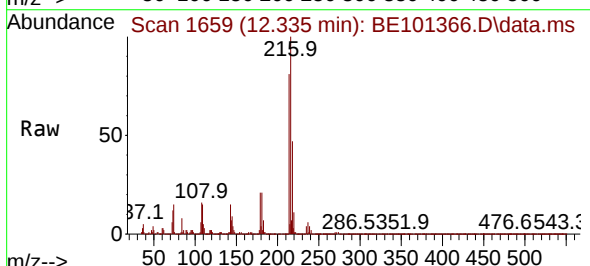
Ion Ratio Lower Upper

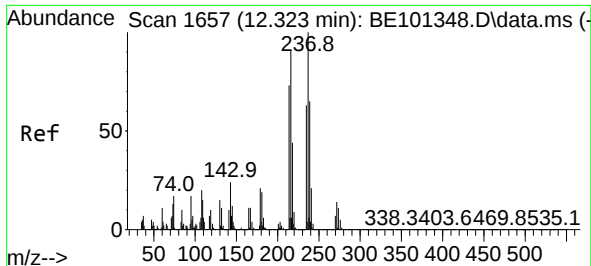
216 100

214 78.7 62.6 94.0

179 20.7 16.9 25.3

108 17.2 13.9 20.9





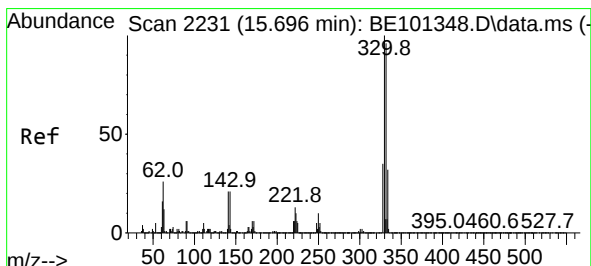
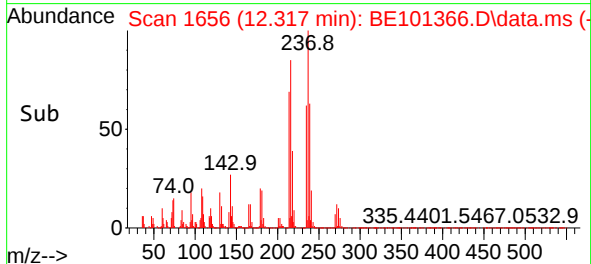
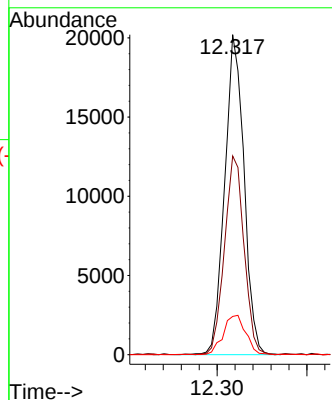
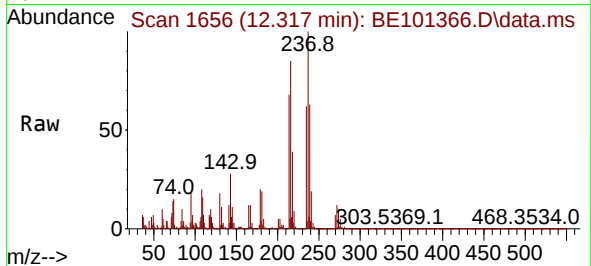
#41
Hexachlorocyclopentadiene
Concen: 6.268 ng
RT: 12.317 min Scan# 1656
Delta R.T. -0.006 min
Lab File: BE101366.D
Acq: 18 Sep 2024 16:40

Instrument : BNA_E
ClientSampleId : LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 237 Resp: 3013
Ion Ratio Lower Upper
237 100
235 62.1 42.9 82.9
272 12.0 0.0 34.0

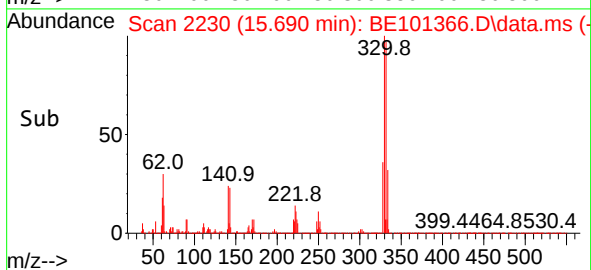
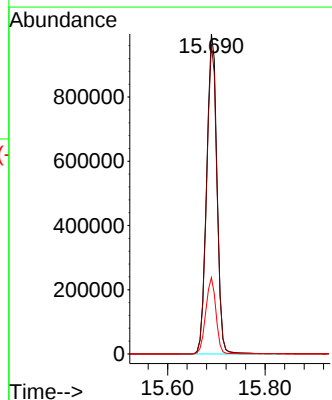
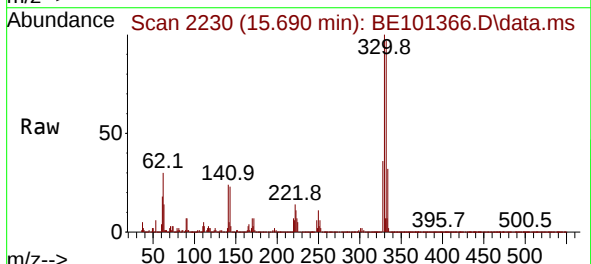
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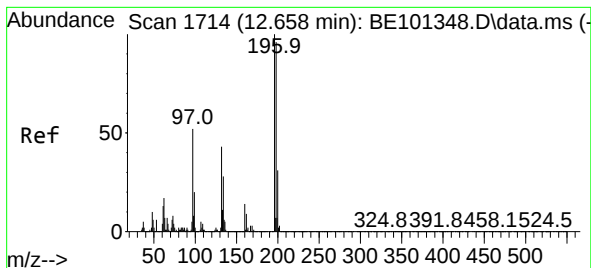
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#42
2,4,6-Tribromophenol
Concen: 142.895 ng
RT: 15.690 min Scan# 2230
Delta R.T. -0.006 min
Lab File: BE101366.D
Acq: 18 Sep 2024 16:40

Tgt Ion: 330 Resp: 1459922
Ion Ratio Lower Upper
330 100
332 96.5 77.8 116.8
141 23.5 19.1 28.7





#43

2,4,6-Trichlorophenol

Concen: 8.536 ng

RT: 12.658 min Scan# 1714

Delta R.T. -0.000 min

Lab File: BE101366.D

Acq: 18 Sep 2024 16:40

Instrument :

BNA_E

ClientSampleId :

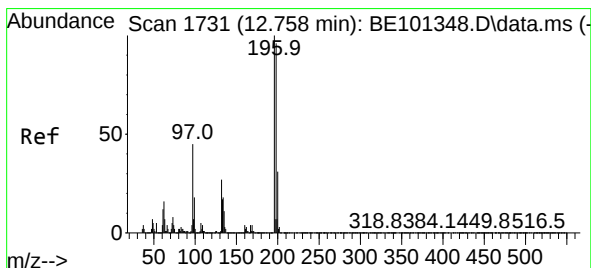
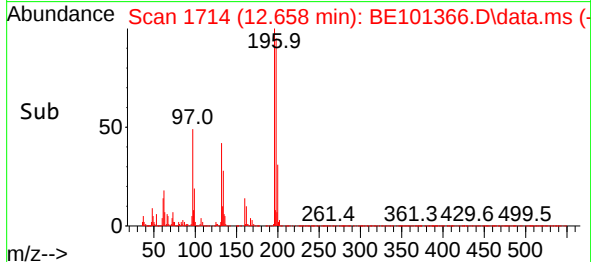
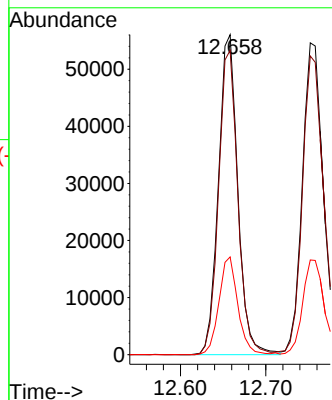
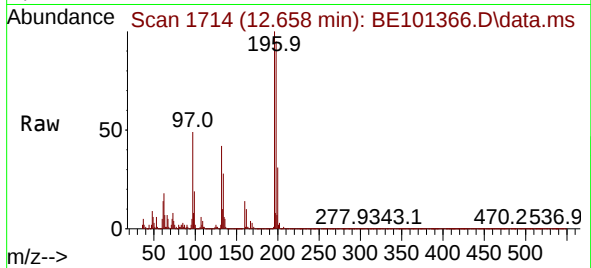
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:	196	Resp:	8846
Ion Ratio	Lower	Upper	
196	100		
198	95.1	76.8	115.2
200	30.5	25.0	37.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#44

2,4,5-Trichlorophenol

Concen: 8.147 ng

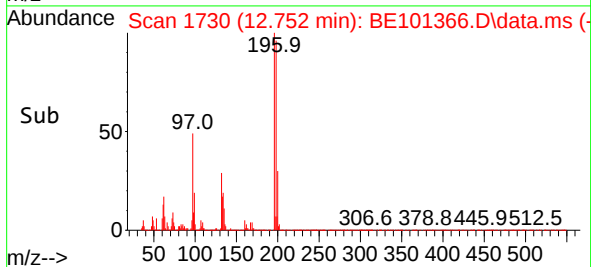
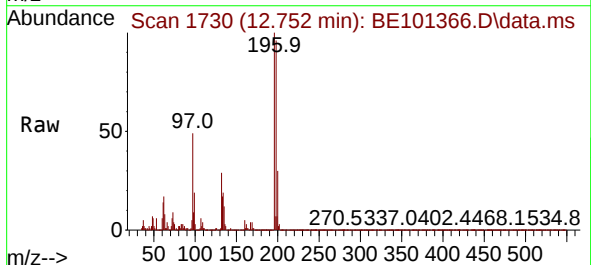
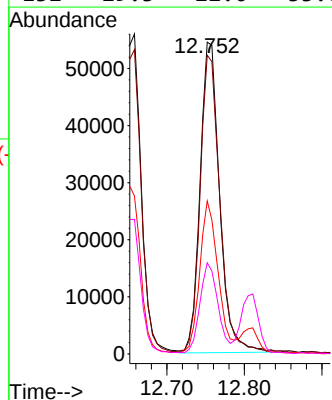
RT: 12.752 min Scan# 1730

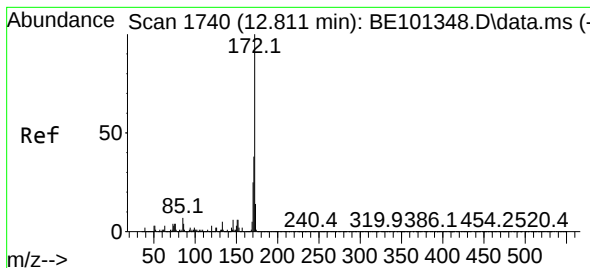
Delta R.T. -0.006 min

Lab File: BE101366.D

Acq: 18 Sep 2024 16:40

Tgt Ion:	196	Resp:	95263
Ion Ratio	Lower	Upper	
196	100		
198	95.8	76.9	115.3
97	49.1	36.2	54.2
132	29.3	22.0	33.0





#45

2-Fluorobiphenyl

Concen: 96.098 ng

RT: 12.811 min Scan# 1740

Delta R.T. -0.000 min

Lab File: BE101366.D

Acq: 18 Sep 2024 16:40

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

Tgt Ion:172 Resp: 337793

Ion Ratio Lower Upper

172 100

171 38.4 30.2 45.2

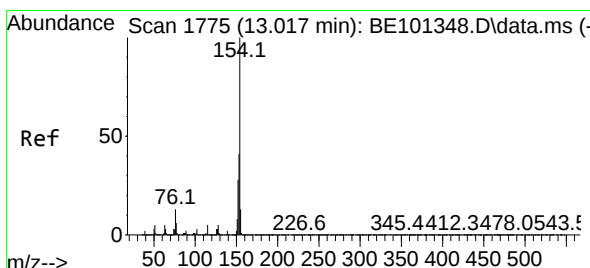
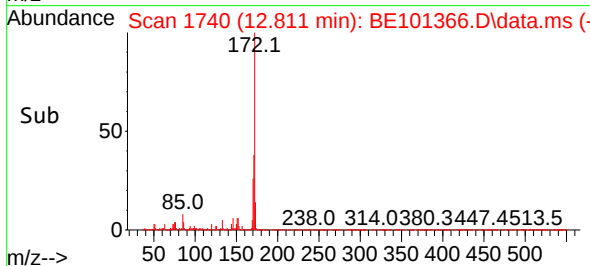
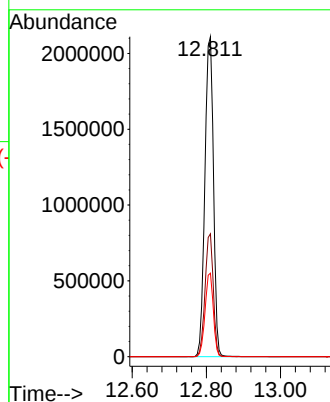
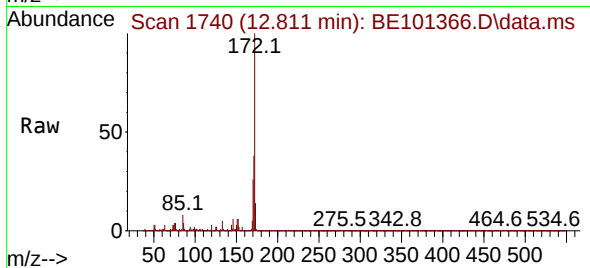
170 26.1 20.2 30.4

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Reviewed By :Jagrut Upadhyay 09/19/2024

Supervised By :mohammad ahmed 09/20/2024



#46

1,1'-Biphenyl

Concen: 9.396 ng

RT: 13.011 min Scan# 1774

Delta R.T. -0.006 min

Lab File: BE101366.D

Acq: 18 Sep 2024 16:40

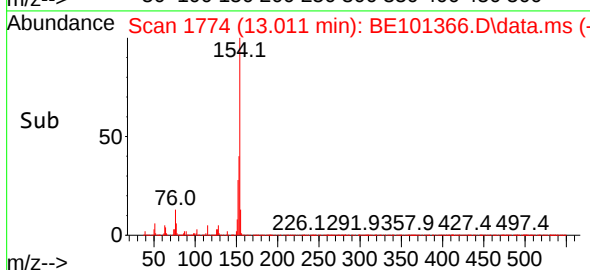
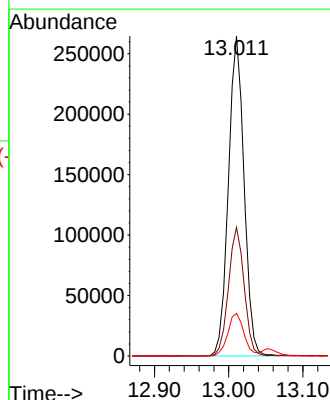
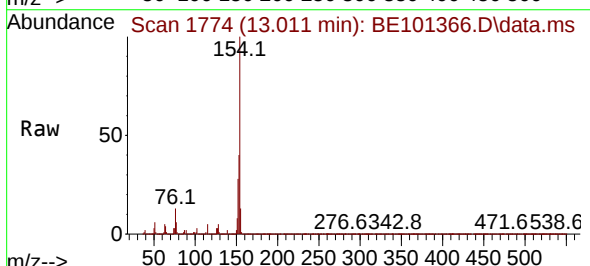
Tgt Ion:154 Resp: 386752

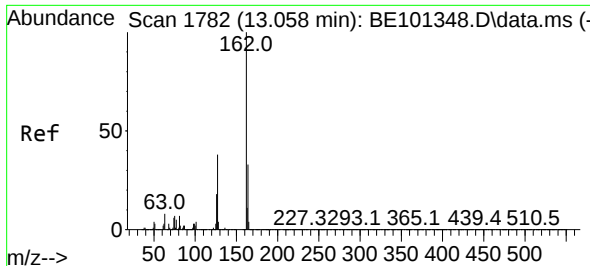
Ion Ratio Lower Upper

154 100

153 40.2 21.2 61.2

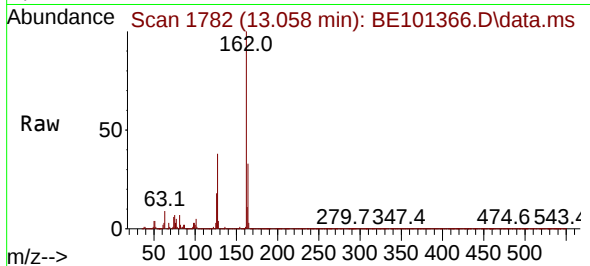
76 13.3 0.0 33.4





#47
2-Chloronaphthalene
Concen: 8.844 ng
RT: 13.058 min Scan# 1782
Delta R.T. -0.000 min
Lab File: BE101366.D
Acq: 18 Sep 2024 16:40

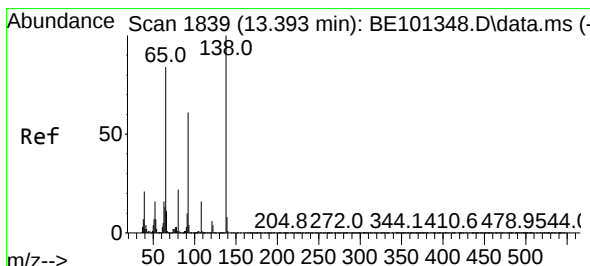
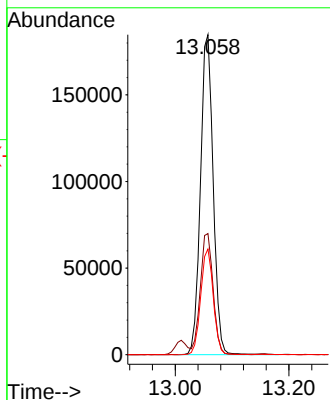
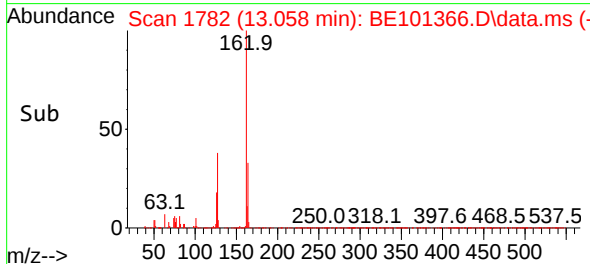
Instrument : BNA_E
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



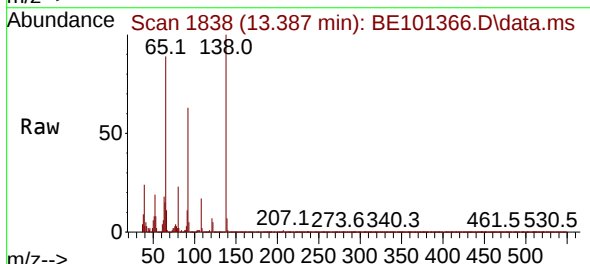
Tgt Ion: 162 Resp: 286379
Ion Ratio Lower Upper
162 100
127 37.8 31.2 46.8
164 33.1 26.2 39.2

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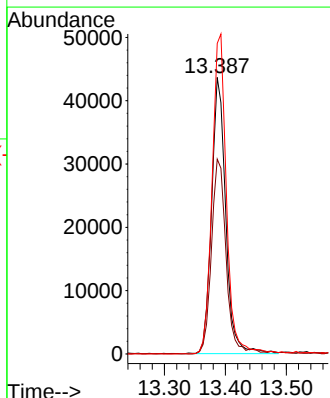
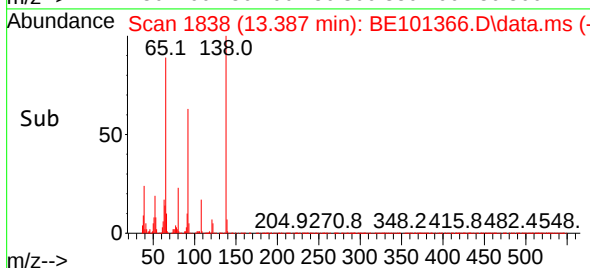
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

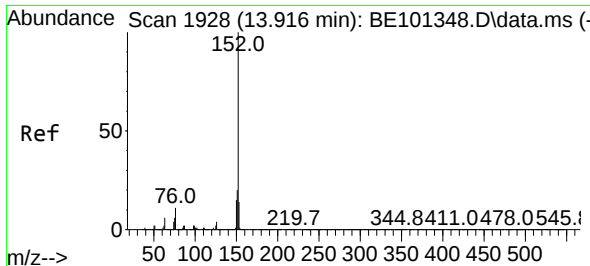


#48
2-Nitroaniline
Concen: 8.077 ng
RT: 13.387 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BE101366.D
Acq: 18 Sep 2024 16:40



Tgt Ion: 65 Resp: 70366
Ion Ratio Lower Upper
65 100
92 70.5 58.3 87.5
138 112.3 95.0 142.4





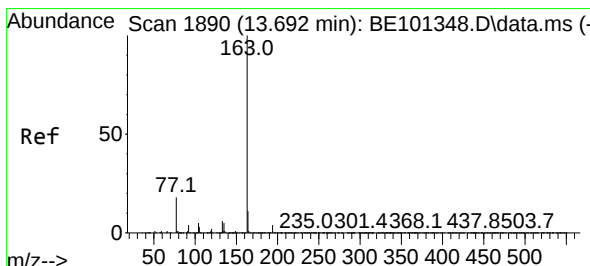
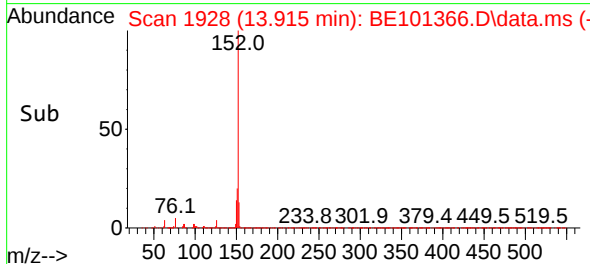
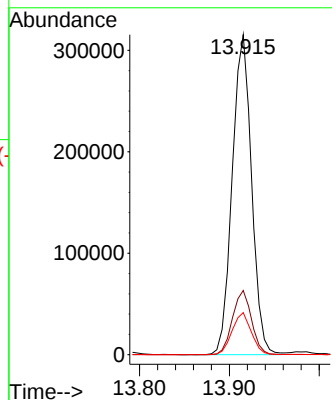
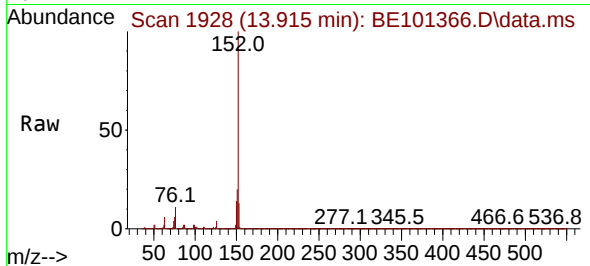
#49
Acenaphthylene
Concen: 9.749 ng
RT: 13.915 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BE101366.D
Acq: 18 Sep 2024 16:40

Instrument : BNA_E
ClientSampleId : LOD-MDL-WATER-01-QT2-2024

Tgt Ion:152 Resp: 47102
Ion Ratio Lower Upper
152 100
151 20.1 16.4 24.6
153 13.1 11.1 16.7

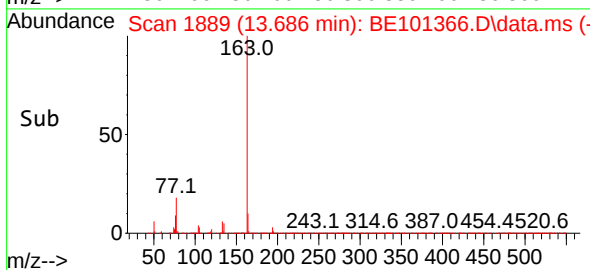
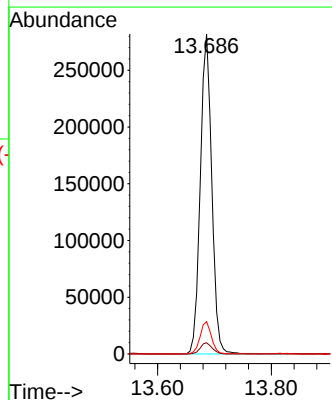
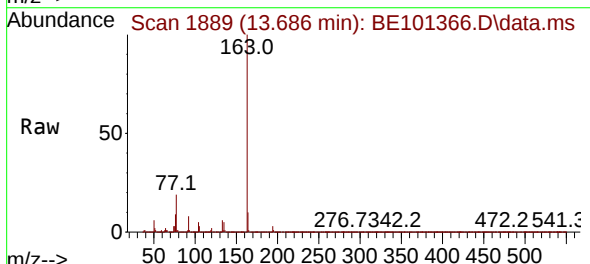
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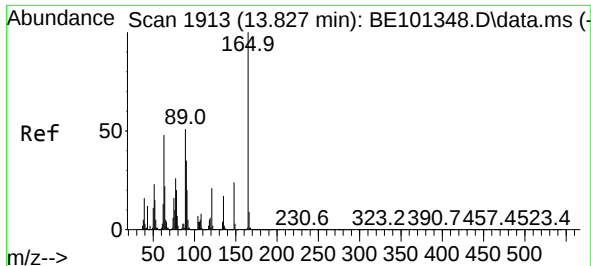
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#50
Dimethylphthalate
Concen: 9.009 ng
RT: 13.686 min Scan# 1889
Delta R.T. -0.006 min
Lab File: BE101366.D
Acq: 18 Sep 2024 16:40

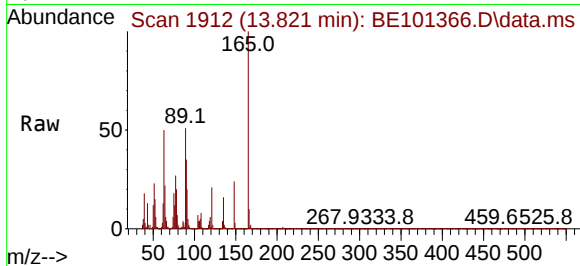
Tgt Ion:163 Resp: 394873
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 10.1 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 8.092 ng
RT: 13.821 min Scan# 1913
Delta R.T. -0.006 min
Lab File: BE101366.D
Acq: 18 Sep 2024 16:40

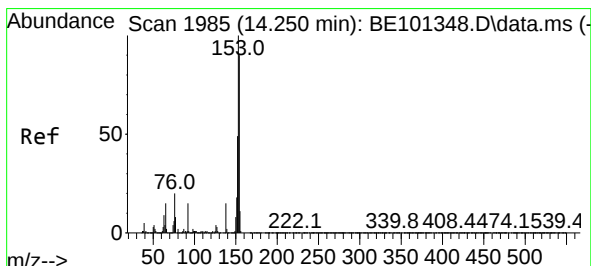
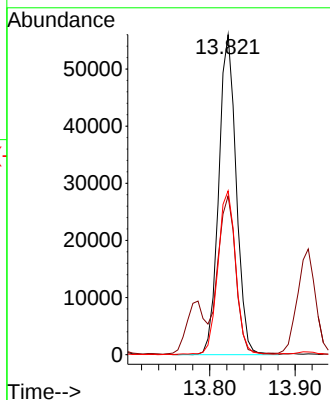
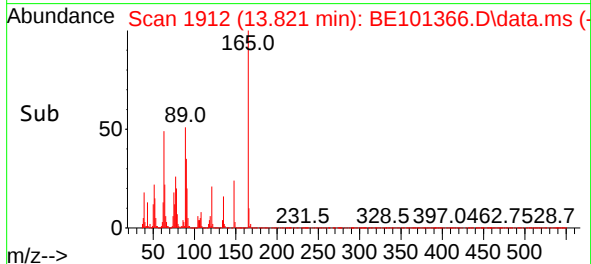
Instrument : BNA_E
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



Tgt Ion:165 Resp: 79374
Ion Ratio Lower Upper
165 100
63 49.6 38.5 57.7
89 51.2 40.5 60.7

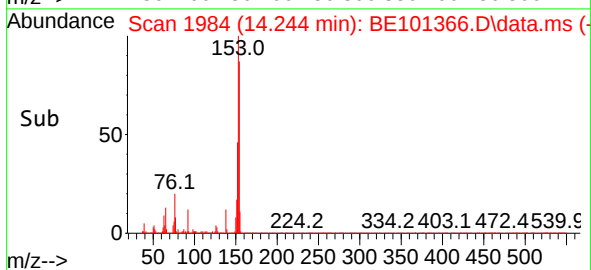
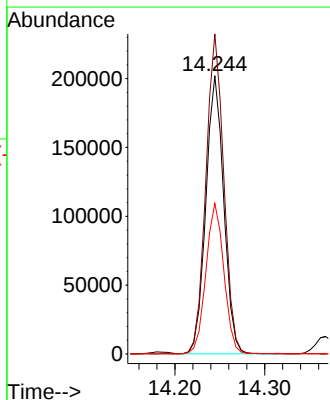
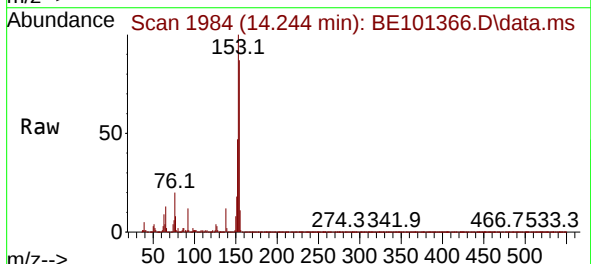
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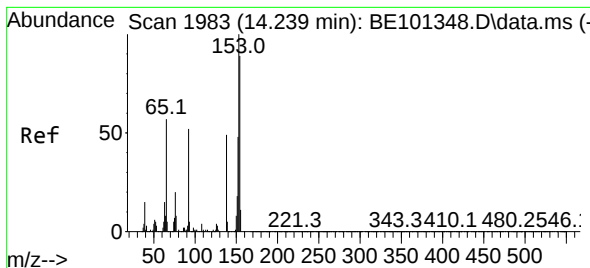
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#52
Acenaphthene
Concen: 8.771 ng
RT: 14.244 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BE101366.D
Acq: 18 Sep 2024 16:40

Tgt Ion:154 Resp: 279333
Ion Ratio Lower Upper
154 100
153 115.0 88.8 133.2
152 54.1 43.2 64.8





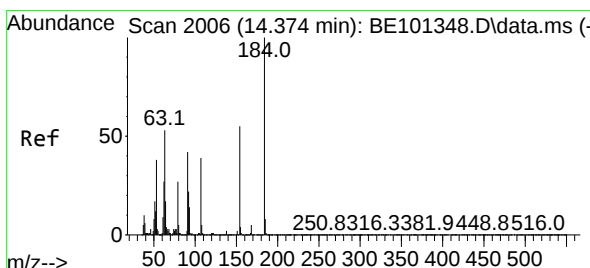
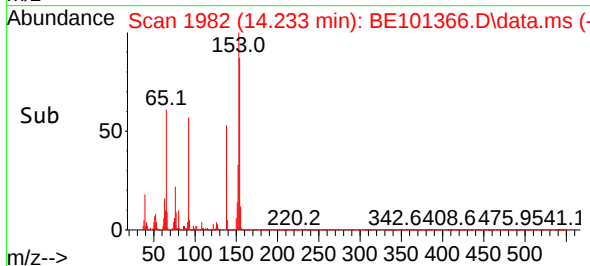
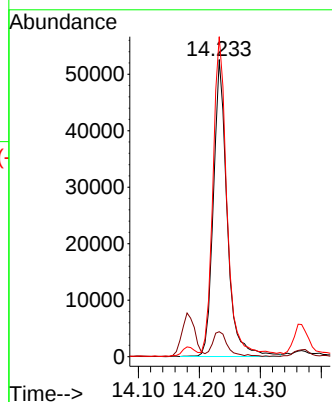
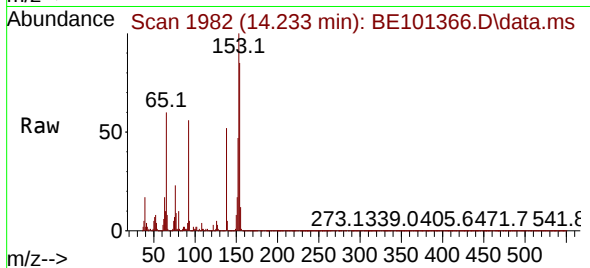
#53
3-Nitroaniline
Concen: 8.171 ng
RT: 14.233 min Scan# 1983
Delta R.T. -0.006 min
Lab File: BE101366.D
Acq: 18 Sep 2024 16:40

Instrument : BNA_E
ClientSampleId : LOD-MDL-WATER-01-QT2-2024

Tgt Ion:138 Resp: 8244
Ion Ratio Lower Upper
138 100
108 8.4 7.2 10.8
92 107.7 85.7 128.5

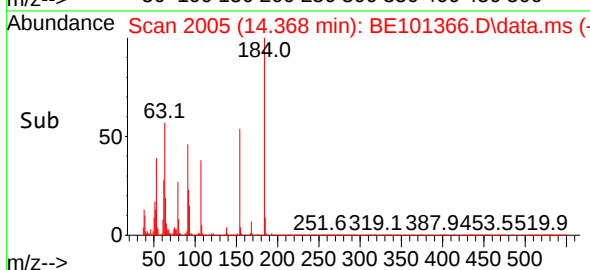
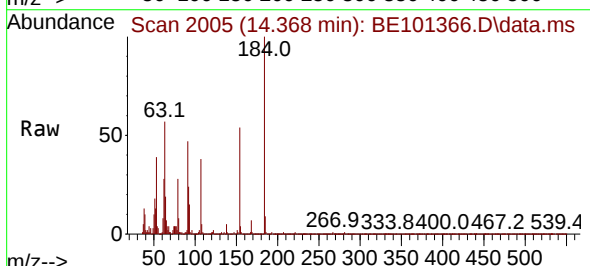
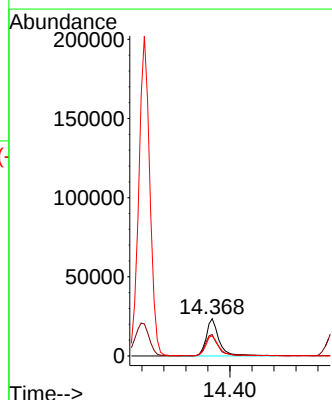
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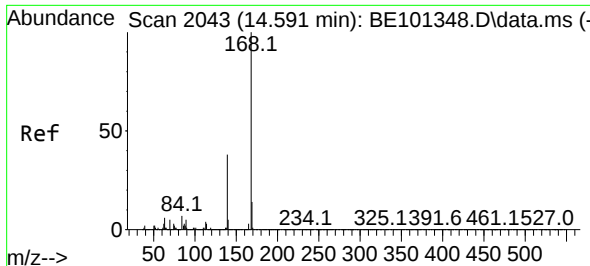
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#54
2,4-Dinitrophenol
Concen: 6.509 ng
RT: 14.368 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BE101366.D
Acq: 18 Sep 2024 16:40

Tgt Ion:184 Resp: 38008
Ion Ratio Lower Upper
184 100
63 57.4 42.5 63.7
154 53.9 44.2 66.2





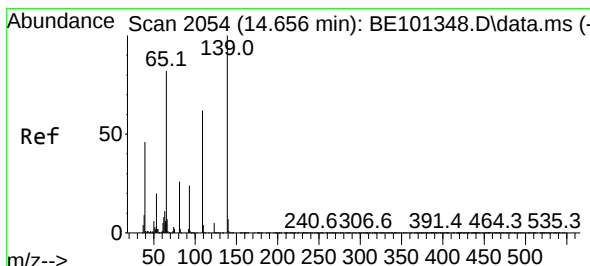
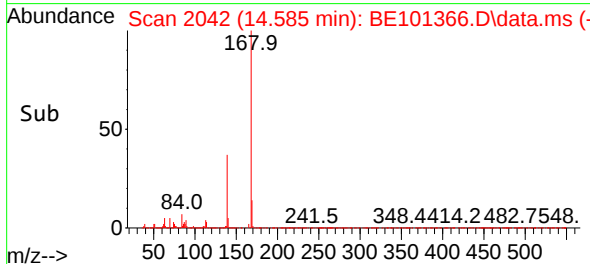
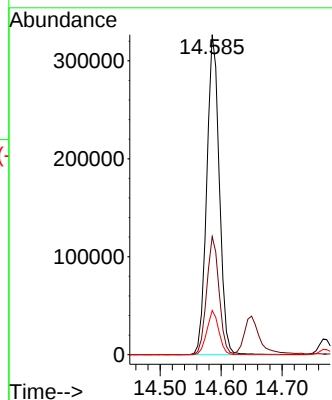
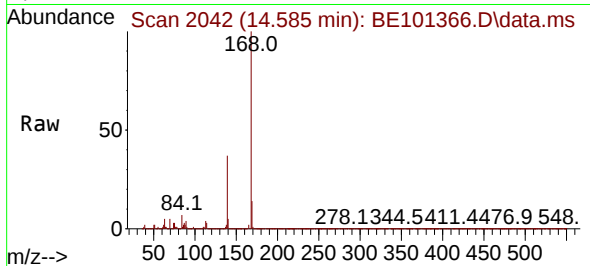
#55
Dibenzenofuran
Concen: 9.279 ng
RT: 14.585 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BE101366.D
Acq: 18 Sep 2024 16:40

Instrument : BNA_E
ClientSampleId : LOD-MDL-WATER-01-QT2-2024

Tgt Ion:168 Resp: 466808
Ion Ratio Lower Upper
168 100
139 36.9 30.5 45.7
169 13.8 11.4 17.2

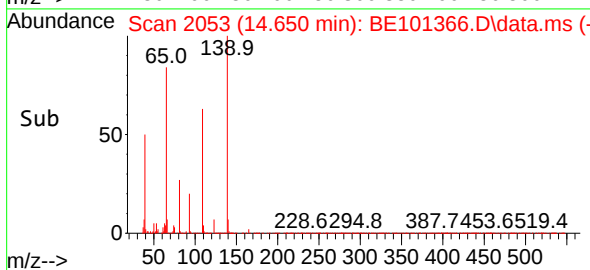
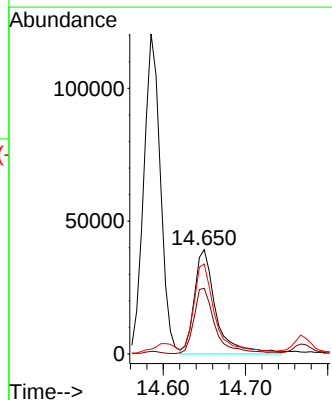
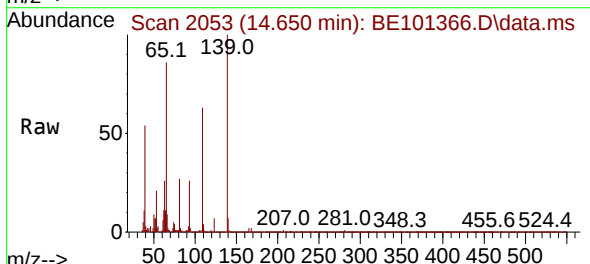
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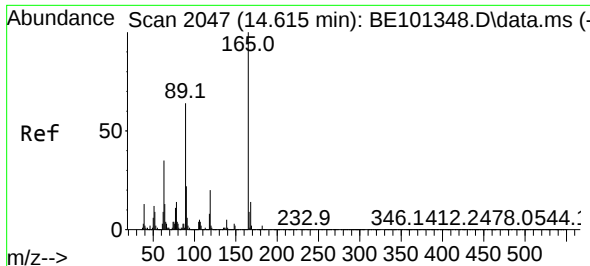
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#56
4-Nitrophenol
Concen: 8.558 ng m
RT: 14.650 min Scan# 2053
Delta R.T. -0.006 min
Lab File: BE101366.D
Acq: 18 Sep 2024 16:40

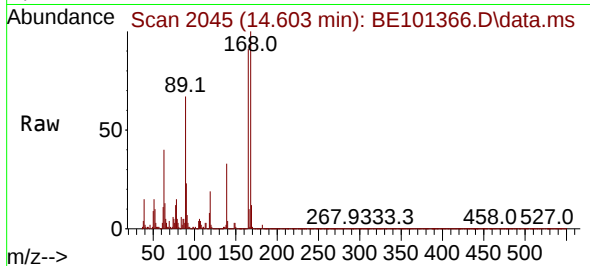
Tgt Ion:139 Resp: 71794
Ion Ratio Lower Upper
139 100
109 62.9 41.9 81.9
65 86.2 63.0 103.0





#57
2,4-Dinitrotoluene
Concen: 7.788 ng
RT: 14.603 min Scan# 2045
Delta R.T. -0.012 min
Lab File: BE101366.D
Acq: 18 Sep 2024 16:40

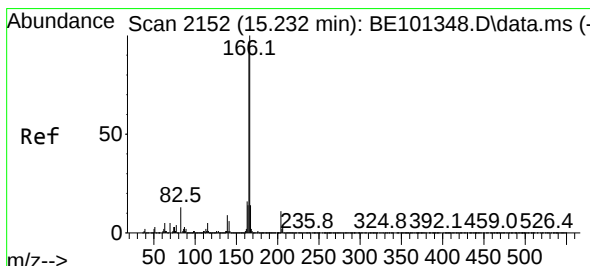
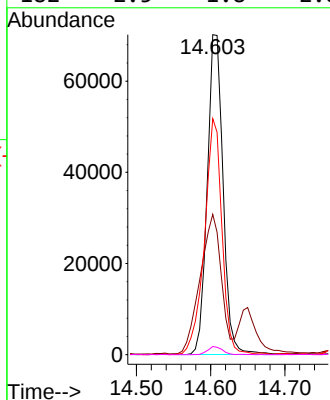
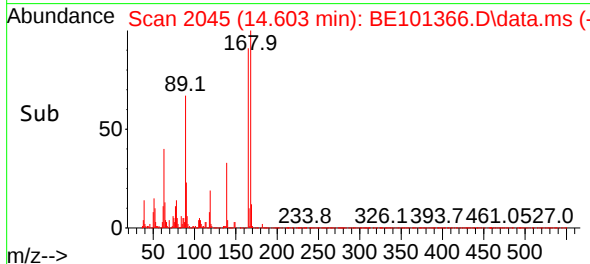
Instrument : BNA_E
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



Tgt Ion:165 Resp: 104000
Ion Ratio Lower Upper
165 100
63 43.8 28.4 42.6
89 73.8 51.0 76.4
182 2.5 1.8 2.8

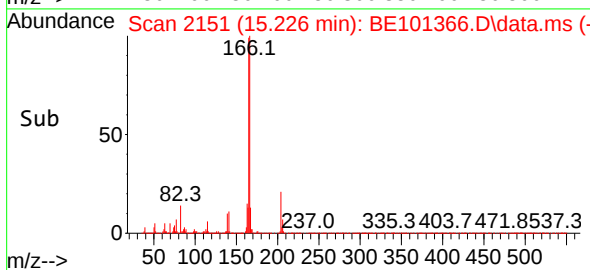
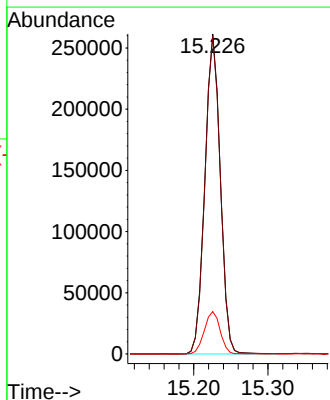
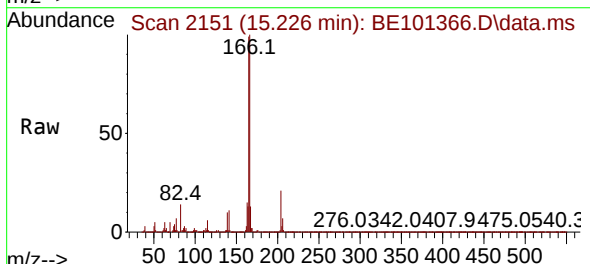
Manual Integrations
APPROVED

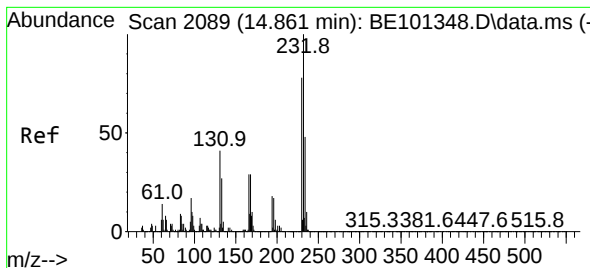
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#58
Fluorene
Concen: 8.911 ng
RT: 15.226 min Scan# 2151
Delta R.T. -0.006 min
Lab File: BE101366.D
Acq: 18 Sep 2024 16:40

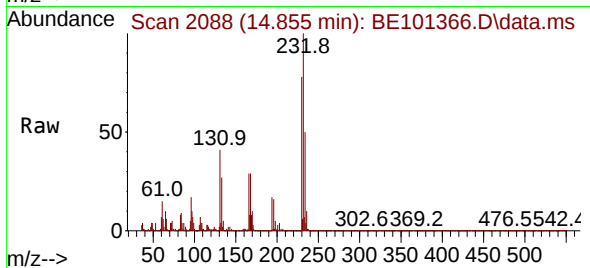
Tgt Ion:166 Resp: 377739
Ion Ratio Lower Upper
166 100
165 99.3 77.8 116.8
167 13.3 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 8.579 ng
RT: 14.855 min Scan# 2088
Delta R.T. -0.006 min
Lab File: BE101366.D
Acq: 18 Sep 2024 16:40

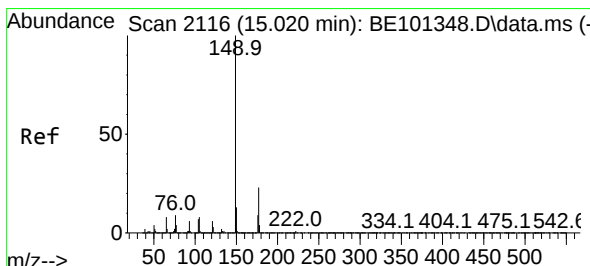
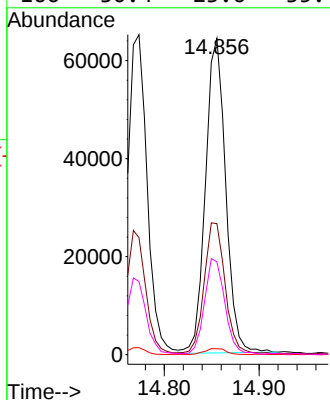
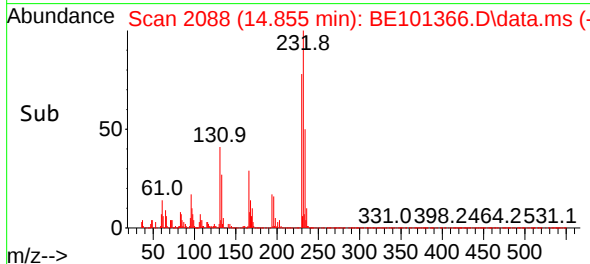
Instrument : BNA_E
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



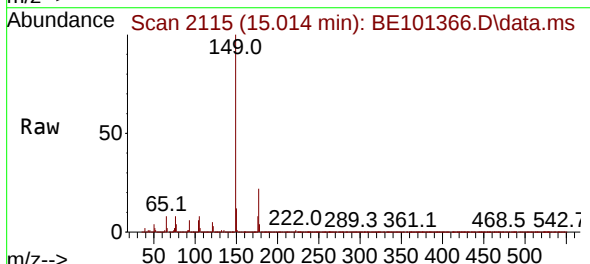
Tgt Ion:232 Resp: 9485
Ion Ratio Lower Upper
232 100
131 44.4 34.2 51.4
130 2.0 1.8 2.6
166 30.4 23.6 35.4

Manual Integrations
APPROVED

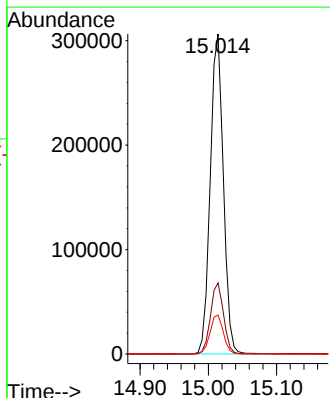
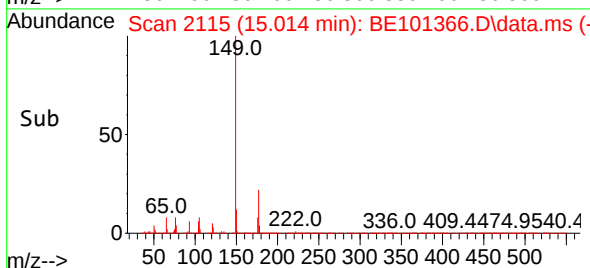
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

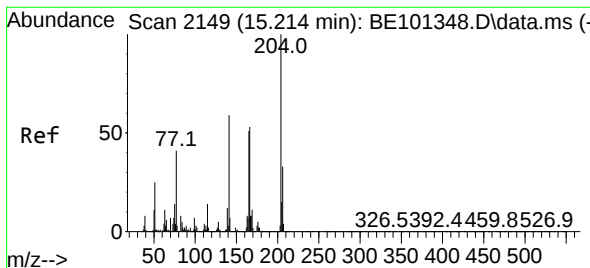


#60
Diethylphthalate
Concen: 8.997 ng
RT: 15.014 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BE101366.D
Acq: 18 Sep 2024 16:40



Tgt Ion:149 Resp: 409116
Ion Ratio Lower Upper
149 100
177 22.2 18.4 27.6
150 12.1 10.0 15.0





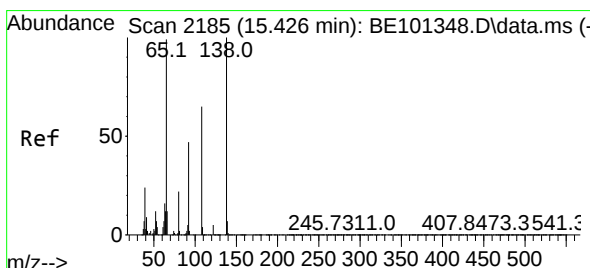
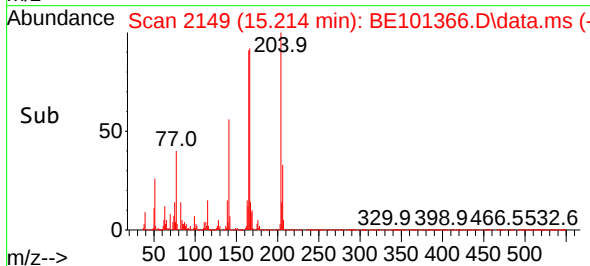
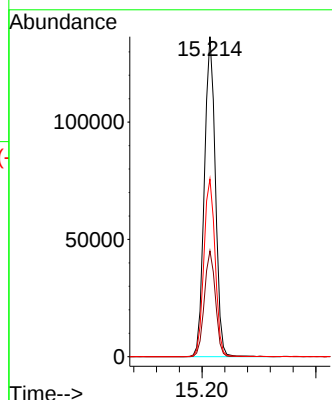
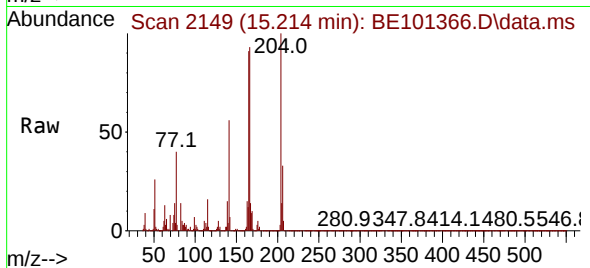
#61
4-Chlorophenyl-phenylether
Concen: 8.797 ng
RT: 15.214 min Scan# 2149
Delta R.T. -0.000 min
Lab File: BE101366.D
Acq: 18 Sep 2024 16:40

Instrument : BNA_E
ClientSampleId : LOD-MDL-WATER-01-QT2-2024

Tgt Ion:204 Resp: 182899
Ion Ratio Lower Upper
204 100
206 33.0 26.2 39.2
141 55.5 47.2 70.8

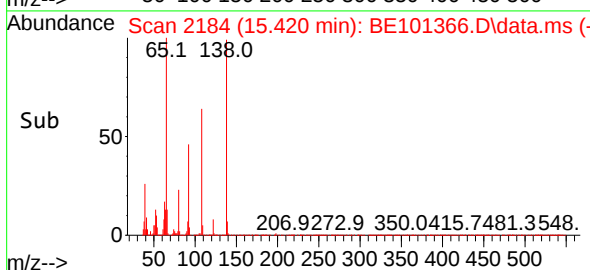
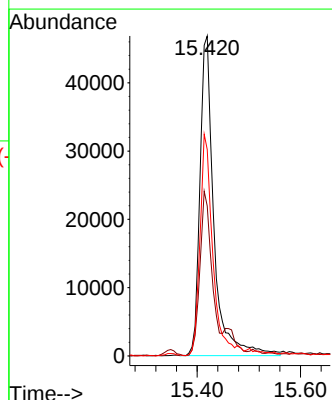
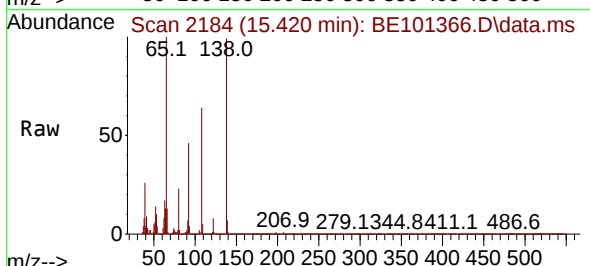
Manual Integrations
APPROVED

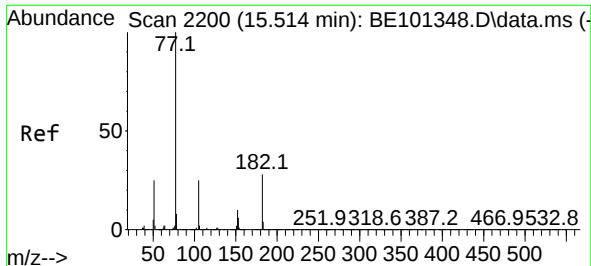
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#62
4-Nitroaniline
Concen: 8.370 ng
RT: 15.420 min Scan# 2184
Delta R.T. -0.006 min
Lab File: BE101366.D
Acq: 18 Sep 2024 16:40

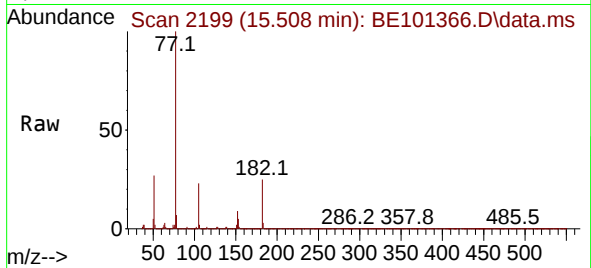
Tgt Ion:138 Resp: 88014
Ion Ratio Lower Upper
138 100
92 46.9 26.8 66.8
108 64.5 44.7 84.7





#63
Azobenzene
Concen: 9.206 ng
RT: 15.508 min Scan# 2199
Delta R.T. -0.006 min
Lab File: BE101366.D
Acq: 18 Sep 2024 16:40

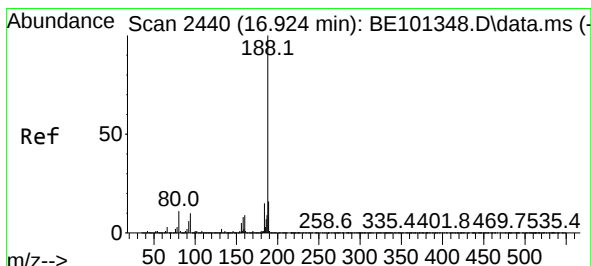
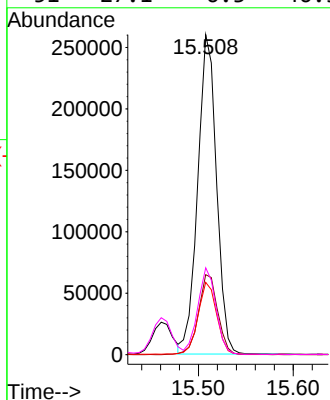
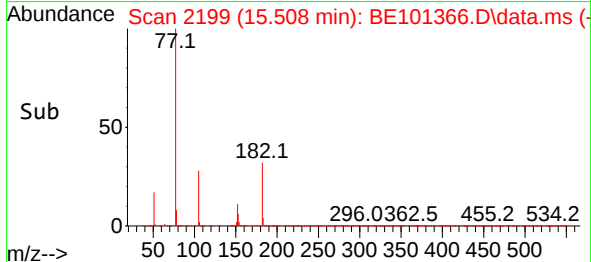
Instrument : BNA_E
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



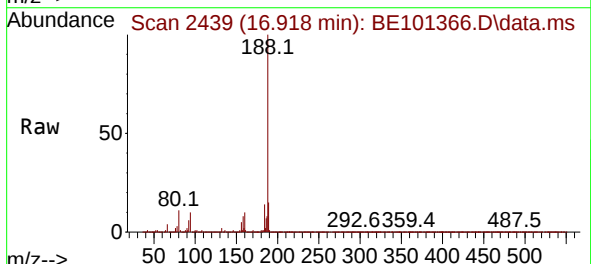
Tgt Ion: 77 Resp: 357754
Ion Ratio Lower Upper
77 100
182 25.0 7.8 47.8
105 22.6 4.3 44.3
51 27.1 6.3 46.3

Manual Integrations
APPROVED

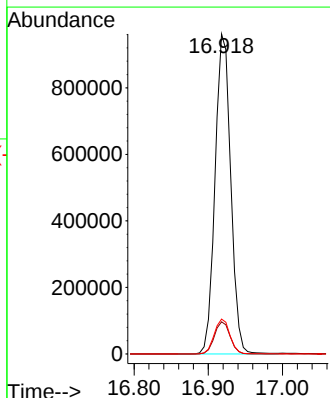
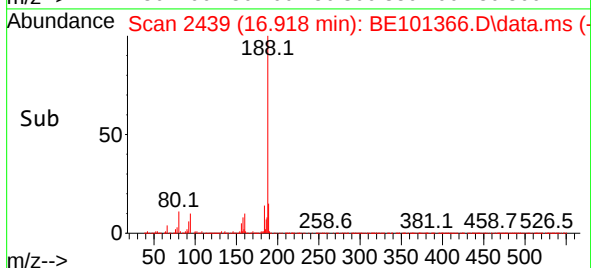
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

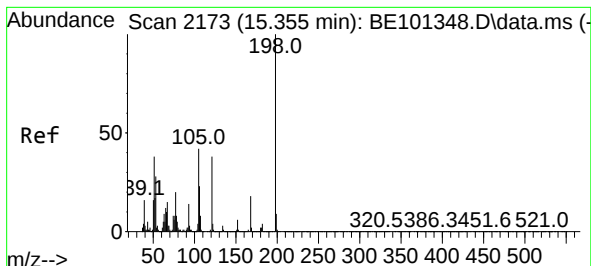


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.918 min Scan# 2439
Delta R.T. -0.006 min
Lab File: BE101366.D
Acq: 18 Sep 2024 16:40



Tgt Ion:188 Resp: 1410431
Ion Ratio Lower Upper
188 100
94 10.0 8.2 12.2
80 10.9 8.6 13.0





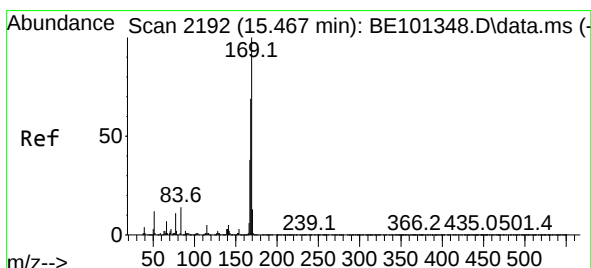
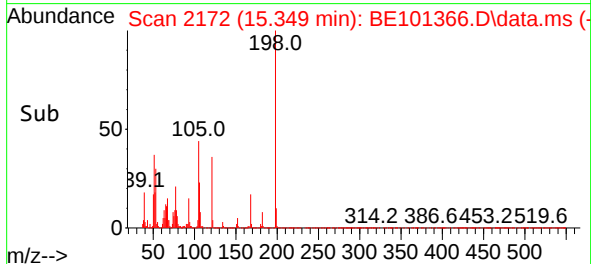
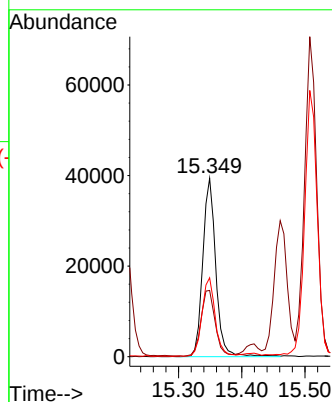
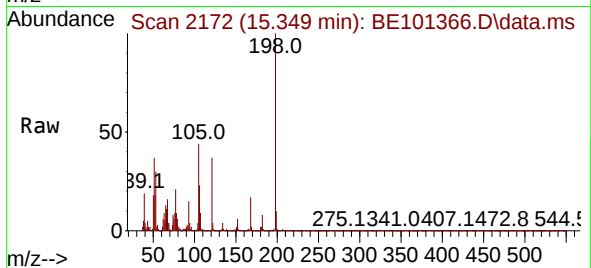
#65
4,6-Dinitro-2-methylphenol
Concen: 7.048 ng
RT: 15.349 min Scan# 2172
Delta R.T. -0.006 min
Lab File: BE101366.D
Acq: 18 Sep 2024 16:40

Instrument : BNA_E
ClientSampleId : LOD-MDL-WATER-01-QT2-2024

Tgt Ion:198 Resp: 56448
Ion Ratio Lower Upper
198 100
51 37.1 18.1 58.1
105 44.2 22.0 62.0

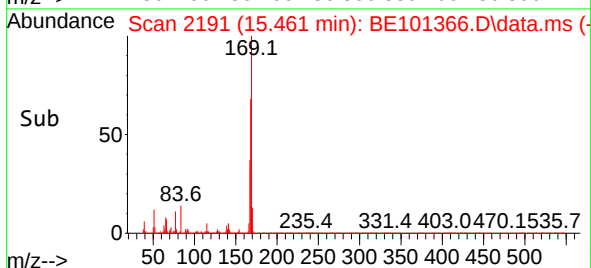
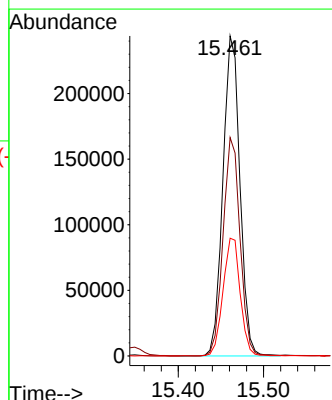
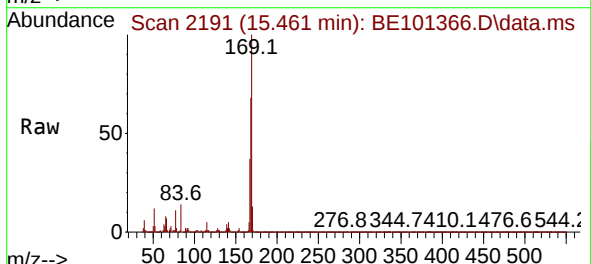
Manual Integrations
APPROVED

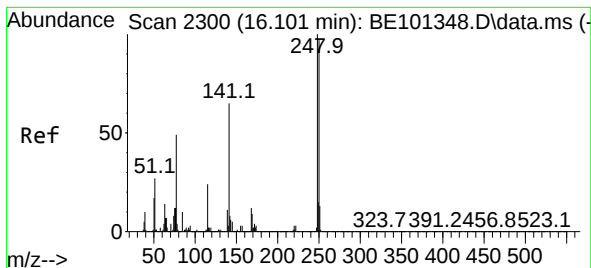
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#66
n-Nitrosodiphenylamine
Concen: 9.003 ng
RT: 15.461 min Scan# 2191
Delta R.T. -0.006 min
Lab File: BE101366.D
Acq: 18 Sep 2024 16:40

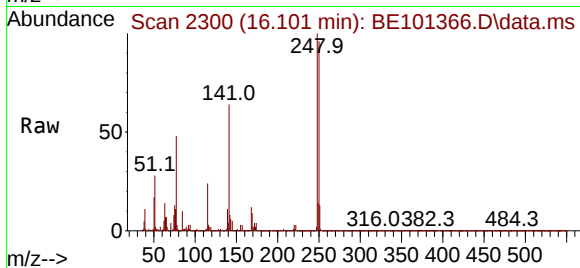
Tgt Ion:169 Resp: 338462
Ion Ratio Lower Upper
169 100
168 68.3 55.1 82.7
167 36.8 30.5 45.7





#67
4-Bromophenyl-phenylether
Concen: 8.449 ng
RT: 16.101 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BE101366.D
Acq: 18 Sep 2024 16:40

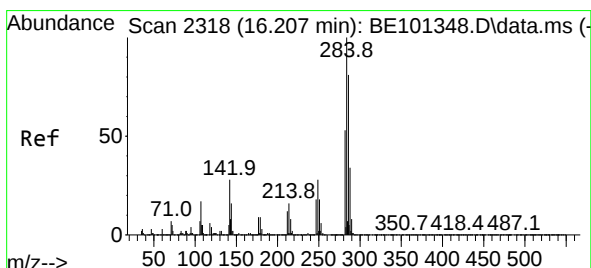
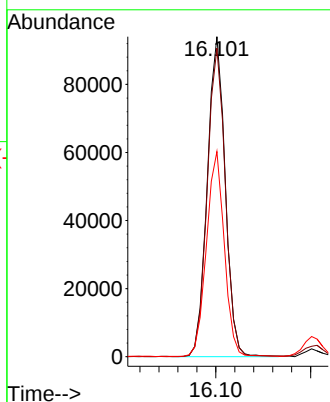
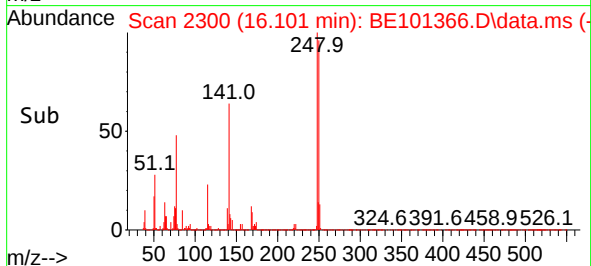
Instrument : BNA_E
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



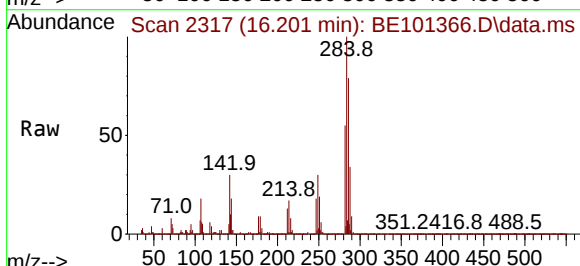
Tgt Ion:248 Resp: 12380
Ion Ratio Lower Upper
248 100
250 96.4 77.7 116.5
141 64.1 51.8 77.8

Manual Integrations
APPROVED

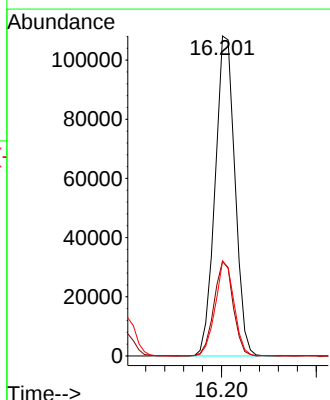
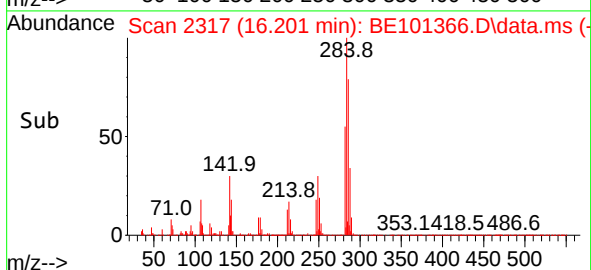
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

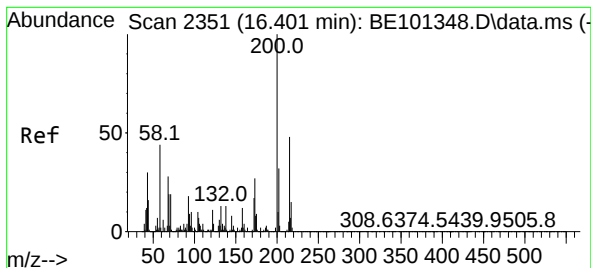


#68
Hexachlorobenzene
Concen: 8.298 ng
RT: 16.201 min Scan# 2317
Delta R.T. -0.006 min
Lab File: BE101366.D
Acq: 18 Sep 2024 16:40



Tgt Ion:284 Resp: 157144
Ion Ratio Lower Upper
284 100
142 29.5 22.1 33.1
249 29.7 22.7 34.1





#69

Atrazine

Concen: 10.532 ng

RT: 16.395 min Scan# 21

Delta R.T. -0.006 min

Lab File: BE101366.D

Acq: 18 Sep 2024 16:40

Instrument :

BNA_E

ClientSampleId :

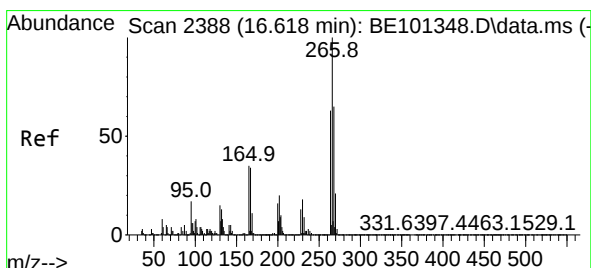
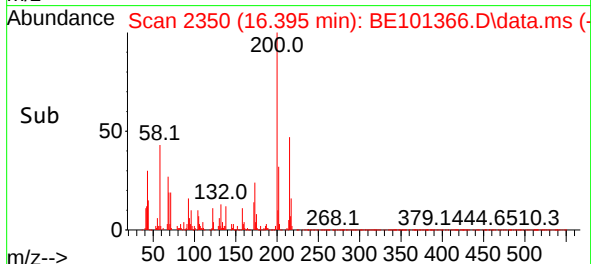
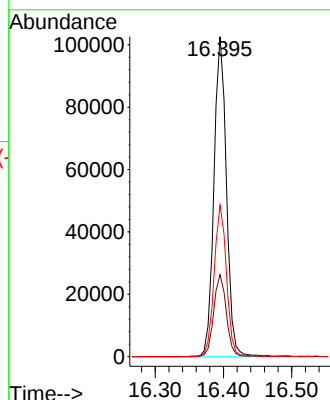
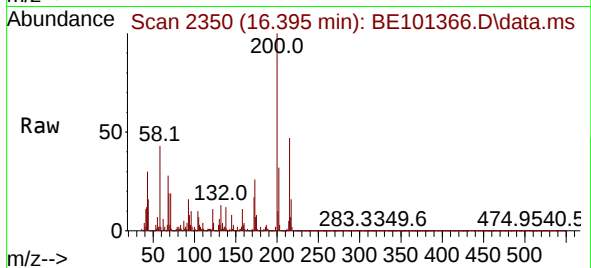
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:200 Resp: 130754
 Ion Ratio Lower Upper
 200 100
 173 25.6 6.9 46.9
 215 47.3 27.8 67.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/19/2024
 Supervised By :mohammad ahmed 09/20/2024



#70

Pentachlorophenol

Concen: 7.354 ng

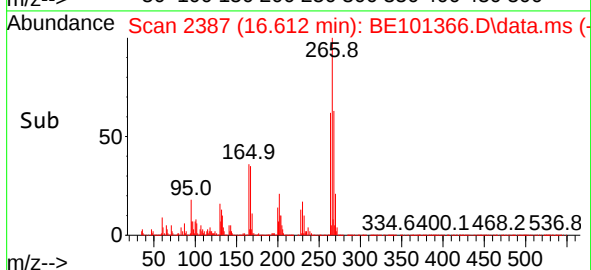
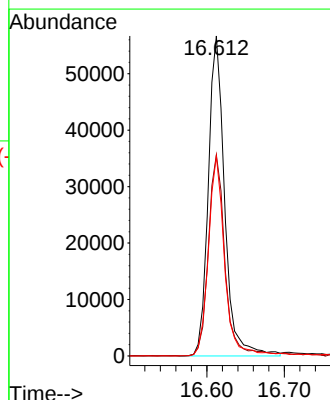
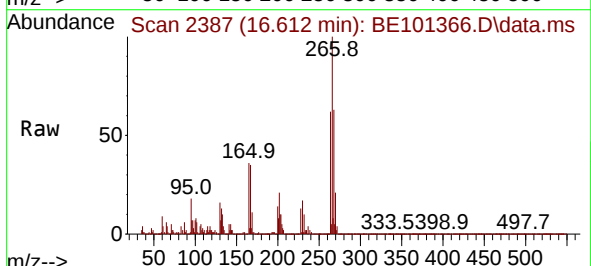
RT: 16.612 min Scan# 2387

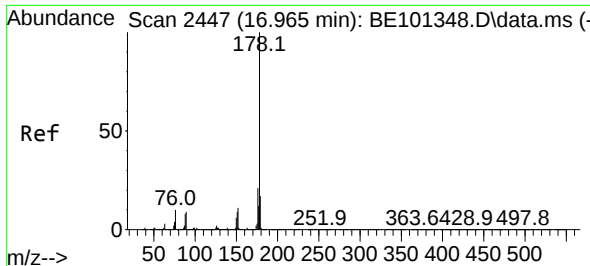
Delta R.T. -0.006 min

Lab File: BE101366.D

Acq: 18 Sep 2024 16:40

Tgt Ion:266 Resp: 83210
 Ion Ratio Lower Upper
 266 100
 268 62.9 52.2 78.4
 264 62.5 50.5 75.7





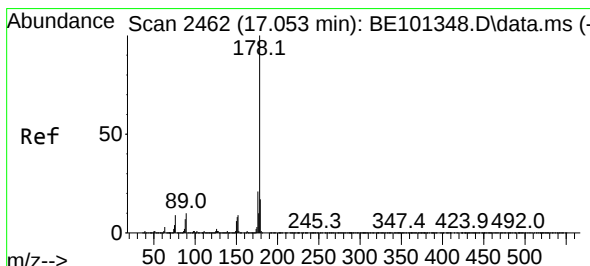
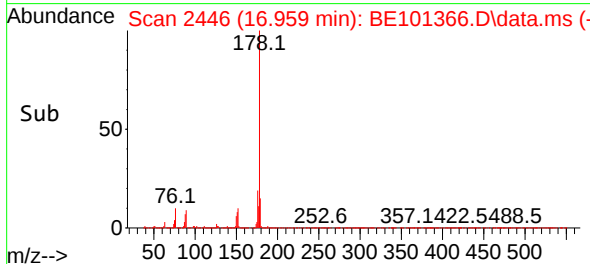
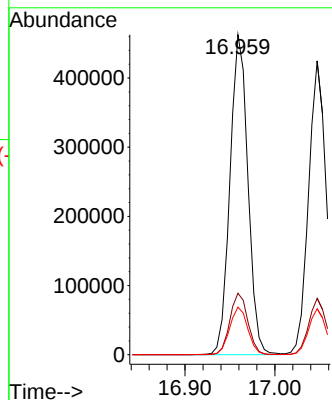
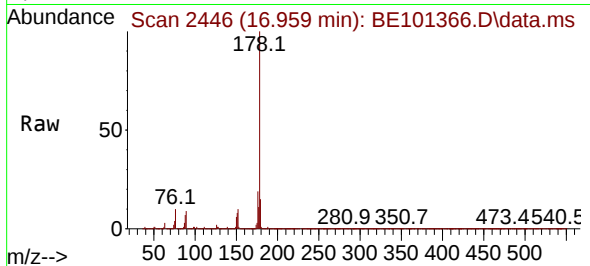
#71
Phenanthrene
Concen: 9.578 ng
RT: 16.959 min Scan# 2446
Delta R.T. -0.006 min
Lab File: BE101366.D
Acq: 18 Sep 2024 16:40

Instrument : BNA_E
ClientSampleId : LOD-MDL-WATER-01-QT2-2024

Tgt Ion:178 Resp: 64158
Ion Ratio Lower Upper
178 100
176 19.2 16.8 25.2
179 14.9 13.3 19.9

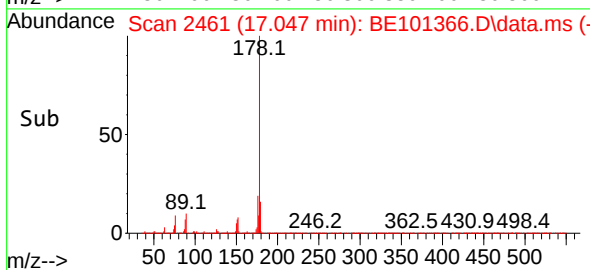
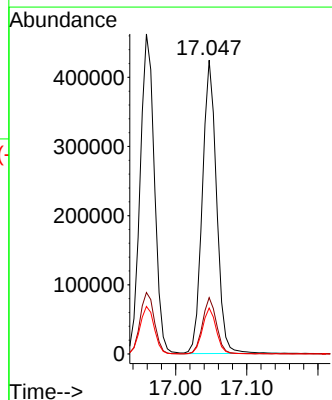
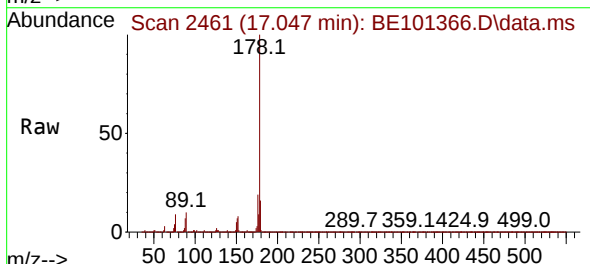
Manual Integrations
APPROVED

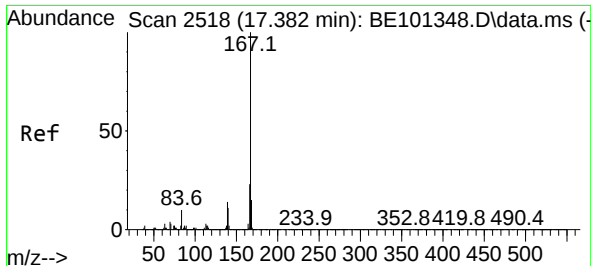
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#72
Anthracene
Concen: 9.074 ng
RT: 17.047 min Scan# 2461
Delta R.T. -0.006 min
Lab File: BE101366.D
Acq: 18 Sep 2024 16:40

Tgt Ion:178 Resp: 591512
Ion Ratio Lower Upper
178 100
176 19.2 16.4 24.6
179 15.6 13.4 20.0





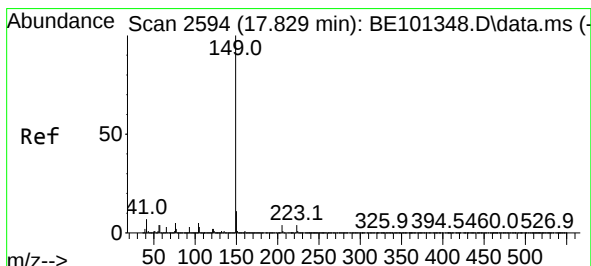
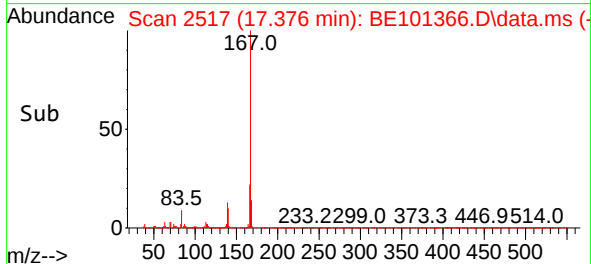
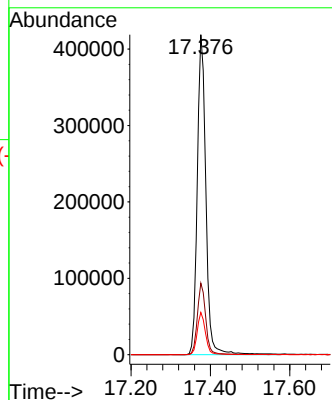
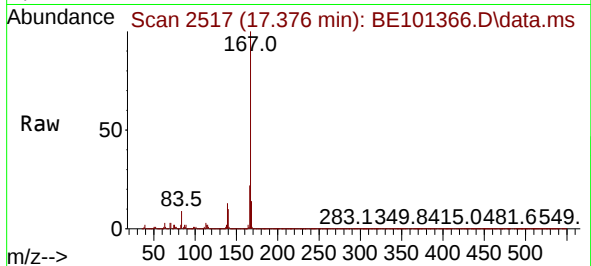
#73
 Carbazole
 Concen: 9.408 ng
 RT: 17.376 min Scan# 2517
 Delta R.T. -0.006 min
 Lab File: BE101366.D
 Acq: 18 Sep 2024 16:40

Instrument : BNA_E
 ClientSampleId : LOD-MDL-WATER-01-QT2-2024

Tgt Ion:167 Resp: 628440
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.4 27.6
 139 13.2 11.1 16.7

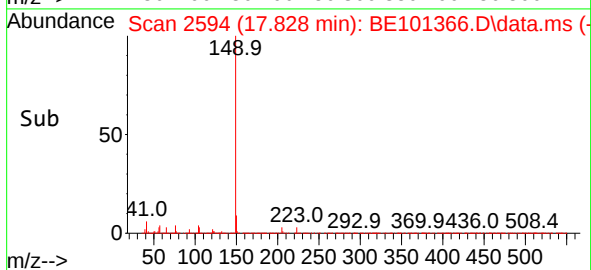
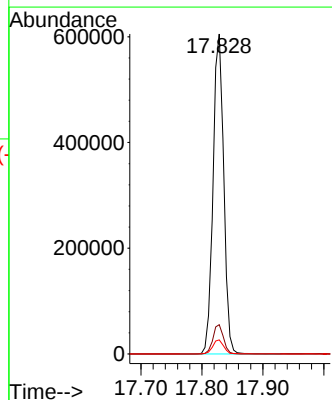
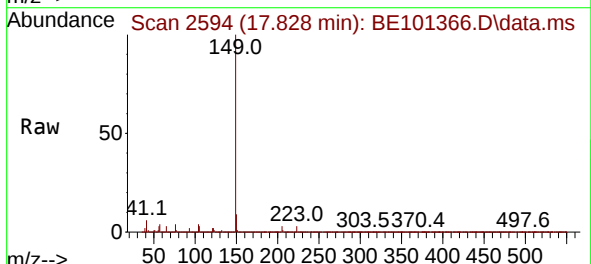
Manual Integrations
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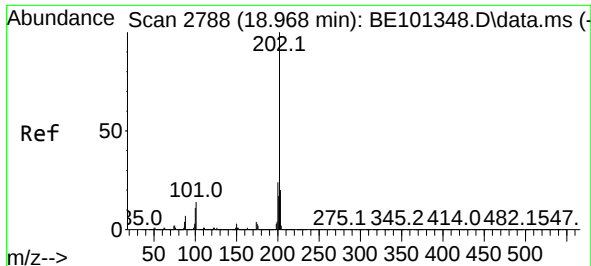
Reviewed By :Jagrut Upadhyay 09/19/2024
 Supervised By :mohammad ahmed 09/20/2024



#74
 Di-n-butylphthalate
 Concen: 10.045 ng
 RT: 17.828 min Scan# 2594
 Delta R.T. -0.000 min
 Lab File: BE101366.D
 Acq: 18 Sep 2024 16:40

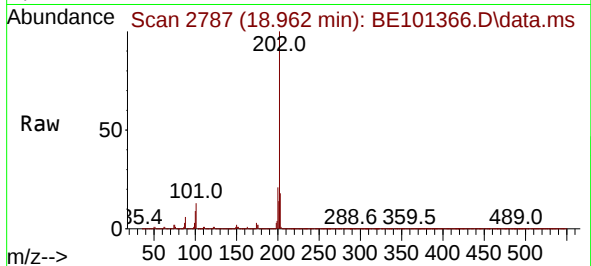
Tgt Ion:149 Resp: 736780
 Ion Ratio Lower Upper
 149 100
 150 9.2 9.0 13.6
 104 4.4 4.4 6.6





#75
Fluoranthene
Concen: 9.816 ng
RT: 18.962 min Scan# 21
Delta R.T. -0.006 min
Lab File: BE101366.D
Acq: 18 Sep 2024 16:40

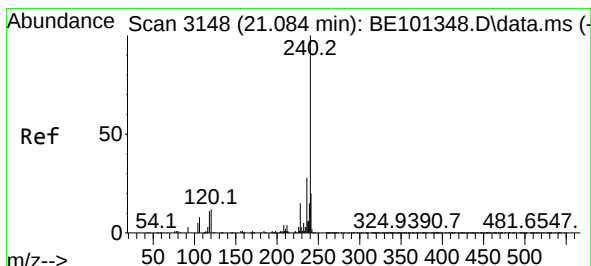
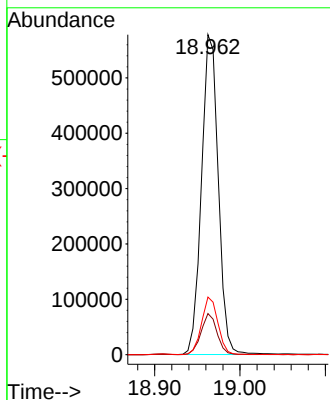
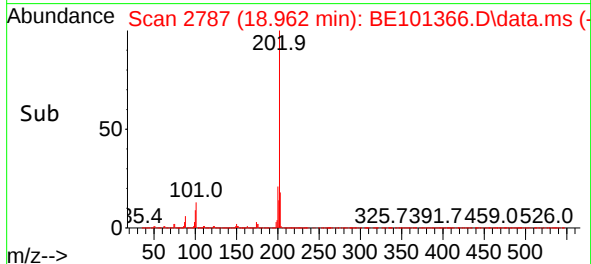
Instrument :
BNA_E
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion:202 Resp: 79155
Ion Ratio Lower Upper
202 100
101 12.9 0.0 34.2
203 18.0 0.4 40.4

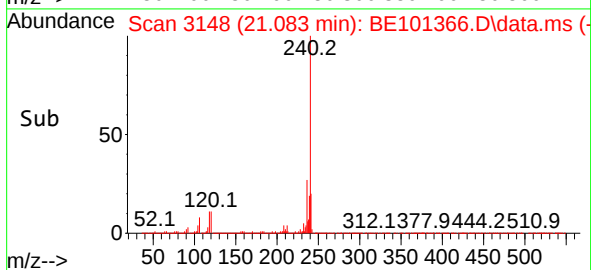
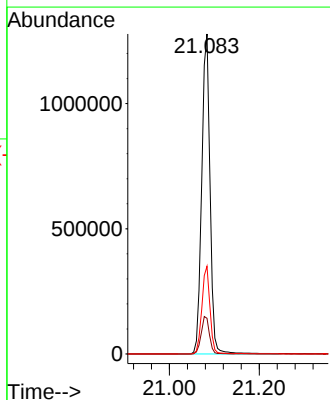
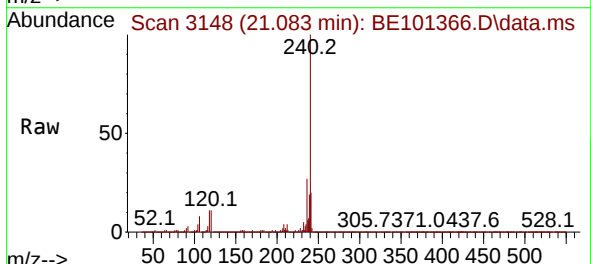
Manual Integrations
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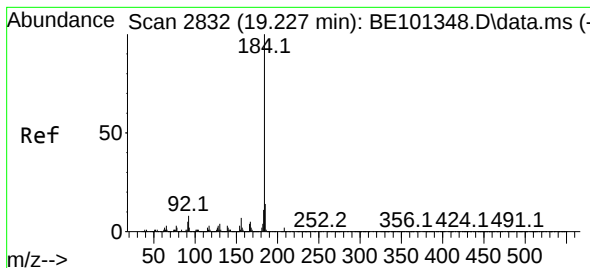
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.083 min Scan# 3148
Delta R.T. -0.000 min
Lab File: BE101366.D
Acq: 18 Sep 2024 16:40

Tgt Ion:240 Resp: 1638885
Ion Ratio Lower Upper
240 100
120 11.1 9.8 14.8
236 27.4 22.1 33.1





#77

Benzidine

Concen: 9.629 ng

RT: 19.221 min Scan# 2832

Delta R.T. -0.006 min

Lab File: BE101366.D

Acq: 18 Sep 2024 16:40

Instrument :

BNA_E

ClientSampleId :

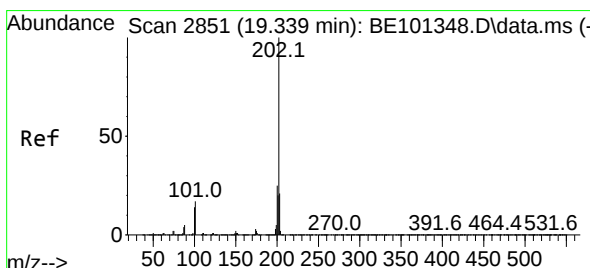
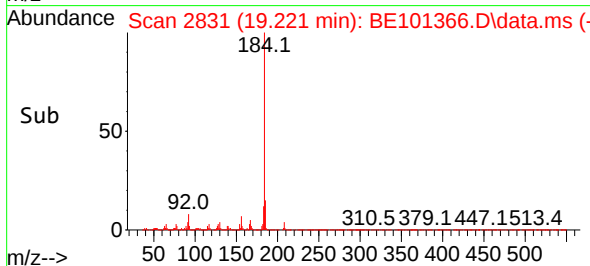
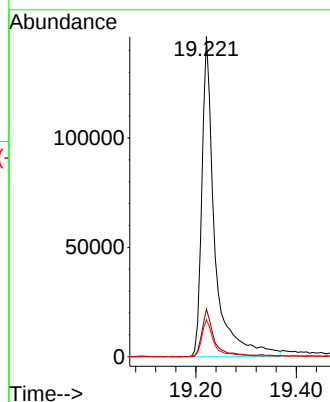
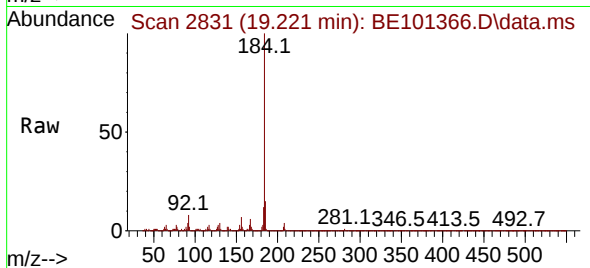
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:	184	Resp:	261909
Ion Ratio	Lower	Upper	
184	100		
185	14.8	11.4	17.2
183	11.6	9.1	13.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#78

Pyrene

Concen: 9.430 ng

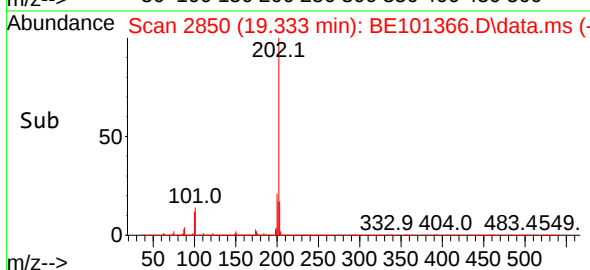
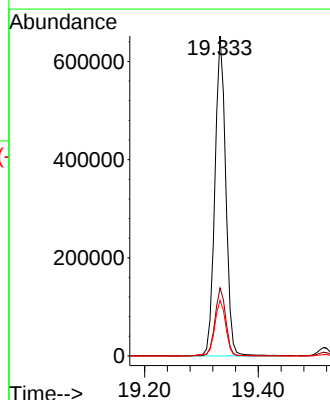
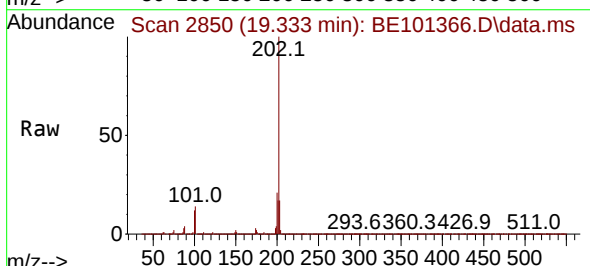
RT: 19.333 min Scan# 2850

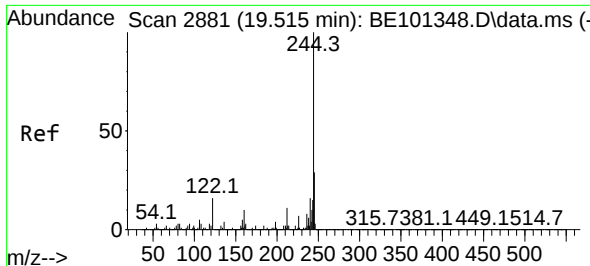
Delta R.T. -0.006 min

Lab File: BE101366.D

Acq: 18 Sep 2024 16:40

Tgt Ion:	202	Resp:	859564
Ion Ratio	Lower	Upper	
202	100		
200	21.3	20.2	30.2
203	17.4	16.6	25.0





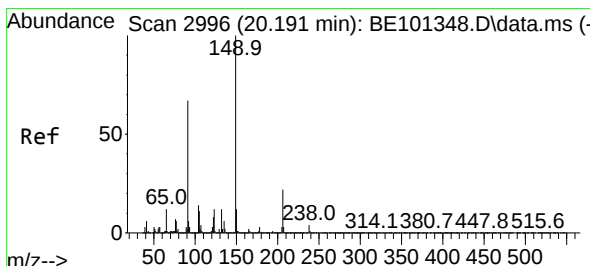
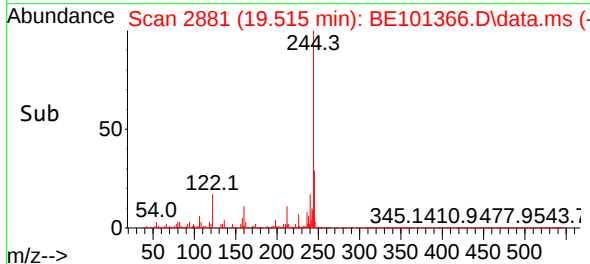
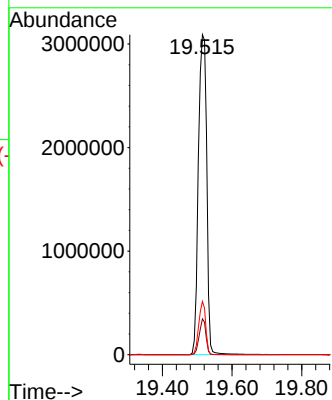
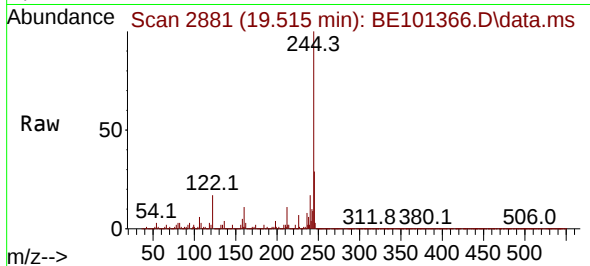
#79
 Terphenyl-d14
 Concen: 69.605 ng
 RT: 19.515 min Scan# 2881
 Delta R.T. -0.000 min
 Lab File: BE101366.D
 Acq: 18 Sep 2024 16:40

Instrument : BNA_E
 ClientSampleId : LOD-MDL-WATER-01-QT2-2024

Tgt Ion:244 Resp: 514472
 Ion Ratio Lower Upper
 244 100
 212 11.2 8.5 12.7
 122 16.6 13.1 19.7

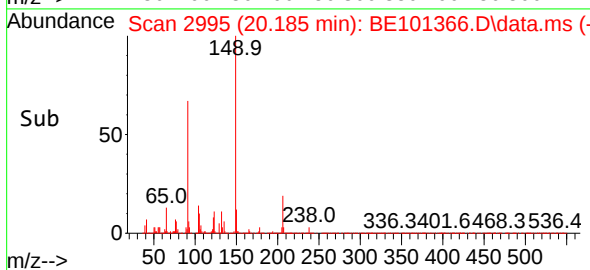
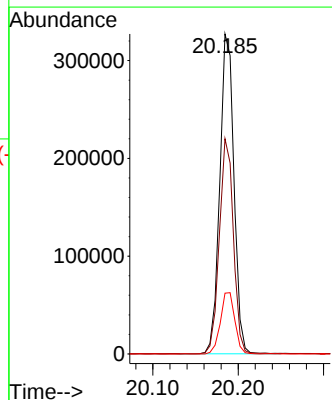
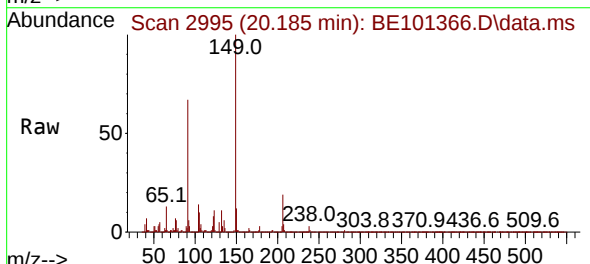
Manual Integrations
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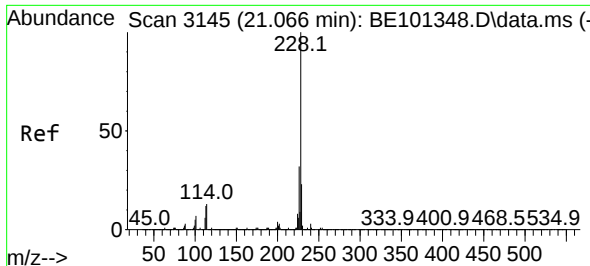
Reviewed By :Jagrut Upadhyay 09/19/2024
 Supervised By :mohammad ahmed 09/20/2024



#80
 Butylbenzylphthalate
 Concen: 9.340 ng
 RT: 20.185 min Scan# 2995
 Delta R.T. -0.006 min
 Lab File: BE101366.D
 Acq: 18 Sep 2024 16:40

Tgt Ion:149 Resp: 376882
 Ion Ratio Lower Upper
 149 100
 91 67.2 53.4 80.2
 206 19.0 17.4 26.0





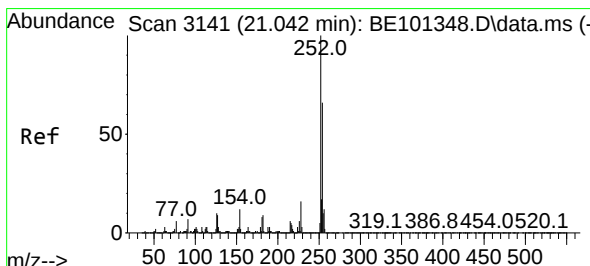
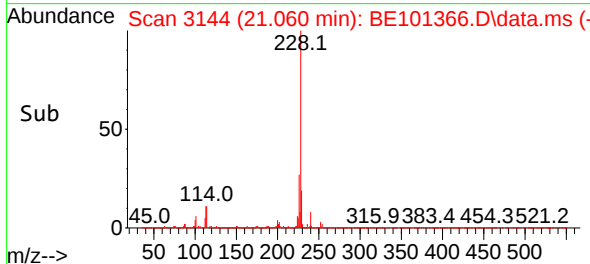
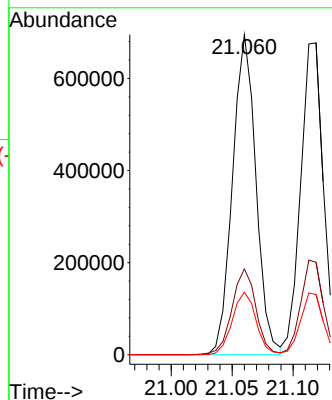
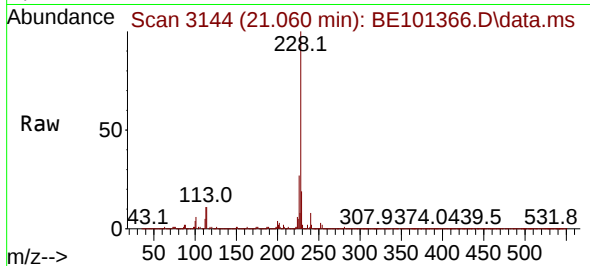
#81
Benzo(a)anthracene
Concen: 10.077 ng
RT: 21.060 min Scan# 3145
Delta R.T. -0.006 min
Lab File: BE101366.D
Acq: 18 Sep 2024 16:40

Instrument : BNA_E
ClientSampleId : LOD-MDL-WATER-01-QT2-2024

Tgt Ion:228 Resp: 92748
Ion Ratio Lower Upper
228 100
226 26.8 25.7 38.5
229 19.5 18.6 28.0

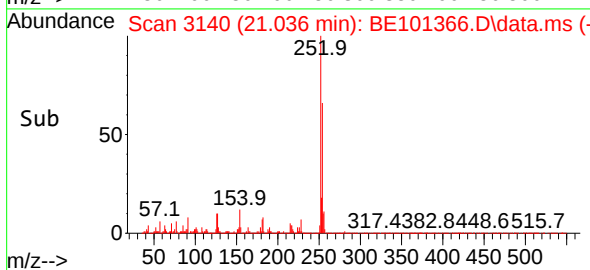
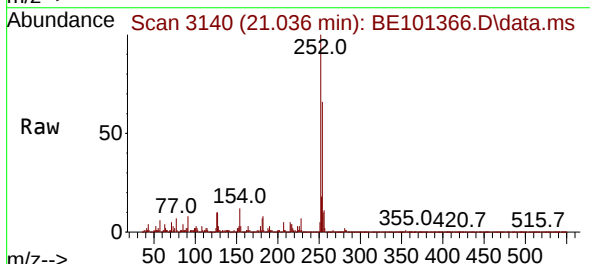
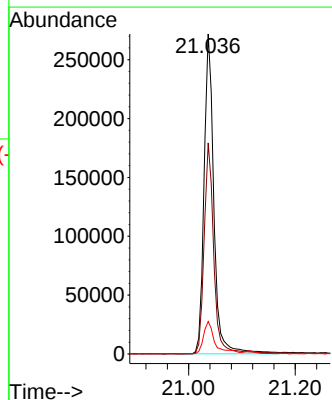
Manual Integrations
APPROVED

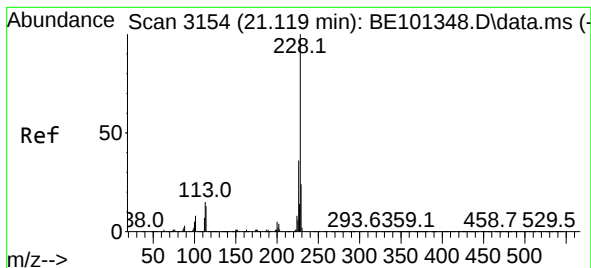
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#82
3,3'-Dichlorobenzidine
Concen: 9.635 ng
RT: 21.036 min Scan# 3140
Delta R.T. -0.006 min
Lab File: BE101366.D
Acq: 18 Sep 2024 16:40

Tgt Ion:252 Resp: 347476
Ion Ratio Lower Upper
252 100
254 65.9 52.5 78.7
126 10.2 8.0 12.0





#83

Chrysene

Concen: 10.143 ng

RT: 21.119 min Scan# 3154

Delta R.T. -0.000 min

Lab File: BE101366.D

Acq: 18 Sep 2024 16:40

Instrument :

BNA_E

ClientSampleId :

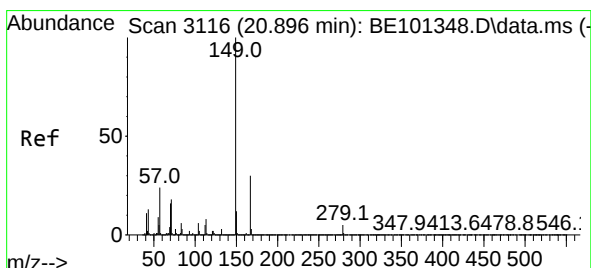
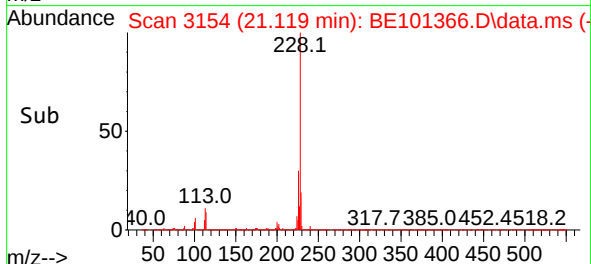
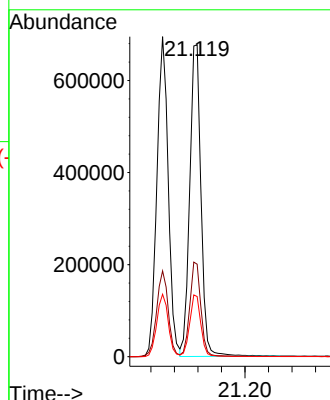
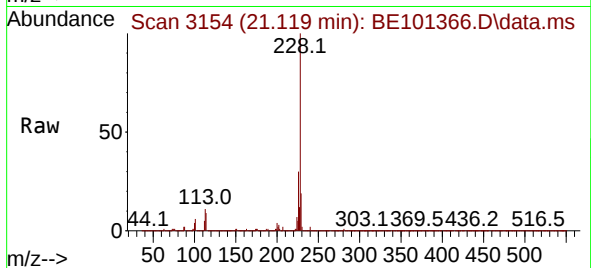
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:	228	Resp:	896748
Ion Ratio	Lower	Upper	
228	100		
226	29.6	28.4	42.6
229	19.3	19.0	28.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.686 ng

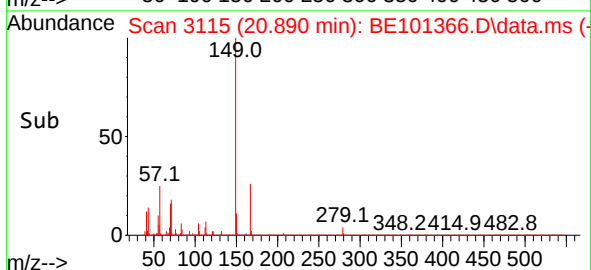
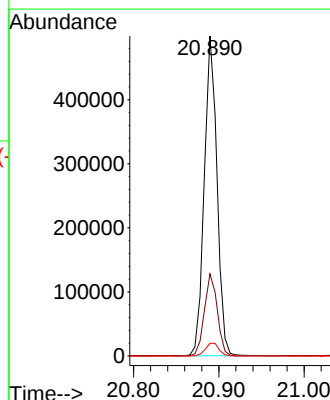
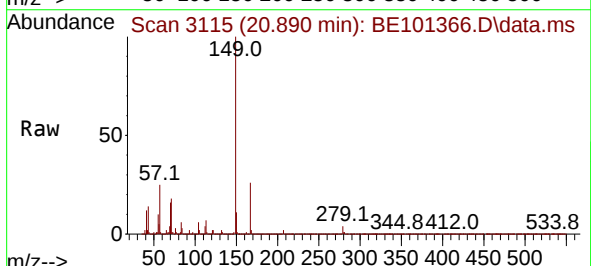
RT: 20.890 min Scan# 3115

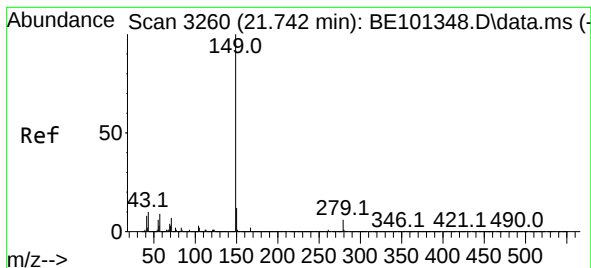
Delta R.T. -0.006 min

Lab File: BE101366.D

Acq: 18 Sep 2024 16:40

Tgt Ion:	149	Resp:	516829
Ion Ratio	Lower	Upper	
149	100		
167	25.6	23.9	35.9
279	4.0	4.2	6.4





#85

Di-n-octyl phthalate

Concen: 10.190 ng

RT: 21.742 min Scan# 31

Delta R.T. -0.000 min

Lab File: BE101366.D

Acq: 18 Sep 2024 16:40

Instrument :

BNA_E

ClientSampleId :

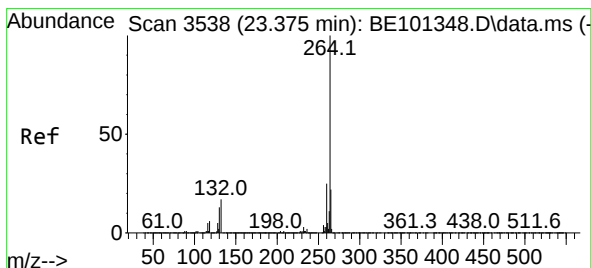
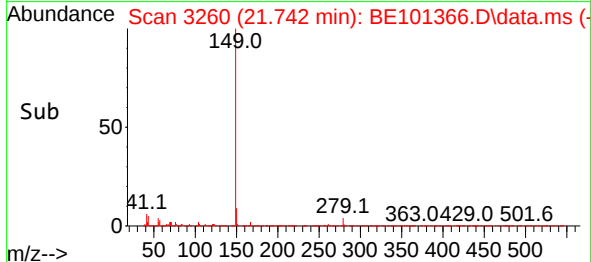
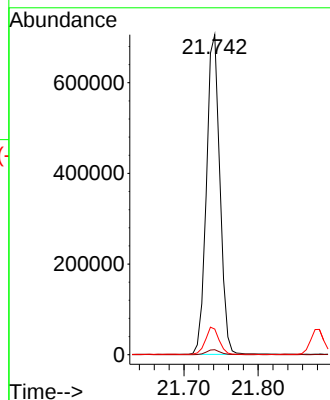
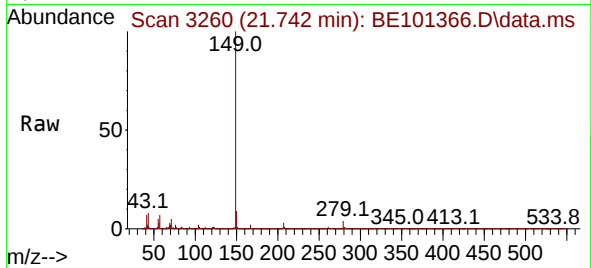
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:	149	Resp:	887602
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.2
43	8.6	7.4	11.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#86

Perylene-d12

Concen: 20.000 ng

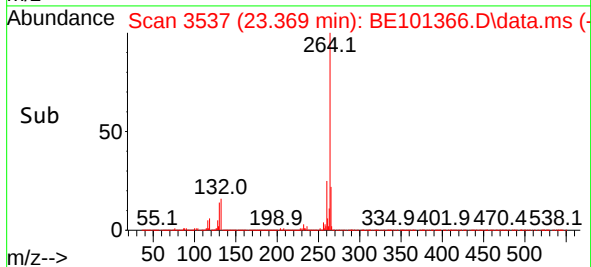
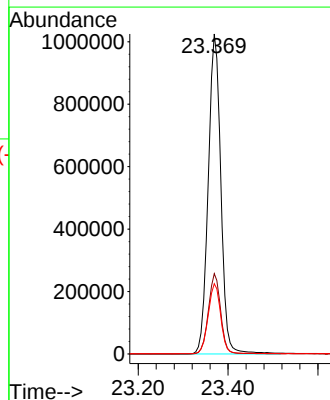
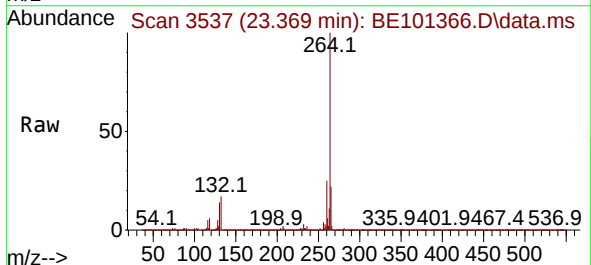
RT: 23.369 min Scan# 3537

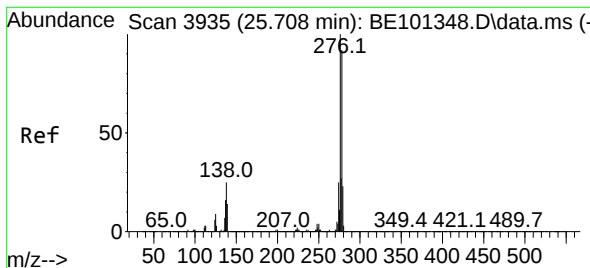
Delta R.T. -0.006 min

Lab File: BE101366.D

Acq: 18 Sep 2024 16:40

Tgt Ion:	264	Resp:	1997464
Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.8	29.6
265	22.0	17.8	26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 9.633 ng

RT: 25.684 min Scan# 3935

Delta R.T. -0.024 min

Lab File: BE101366.D

Acq: 18 Sep 2024 16:40

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

Tgt Ion:276 Resp: 126769

Ion Ratio Lower Upper

276 100

138 23.5 19.2 28.8

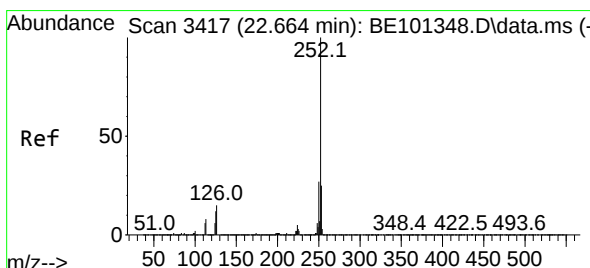
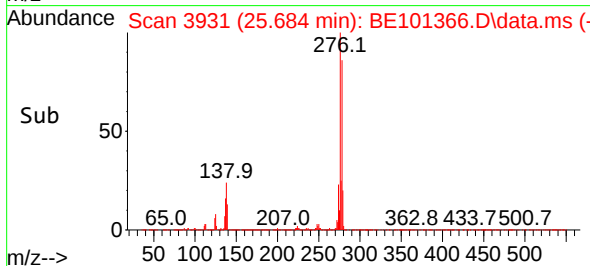
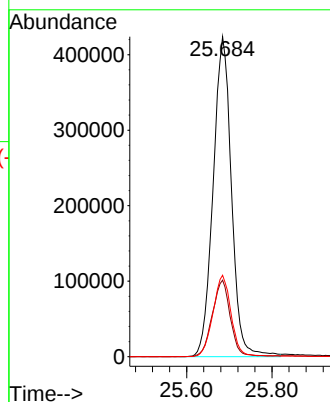
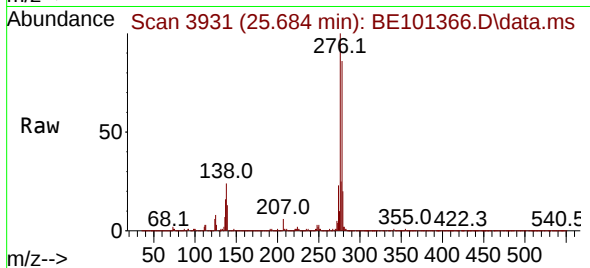
277 25.3 20.8 31.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/19/2024

Supervised By :mohammad ahmed 09/20/2024



#88

Benzo(b)fluoranthene

Concen: 9.878 ng

RT: 22.658 min Scan# 3416

Delta R.T. -0.006 min

Lab File: BE101366.D

Acq: 18 Sep 2024 16:40

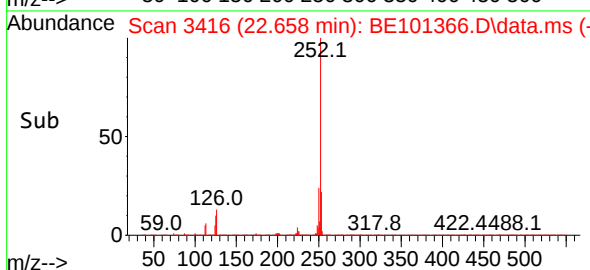
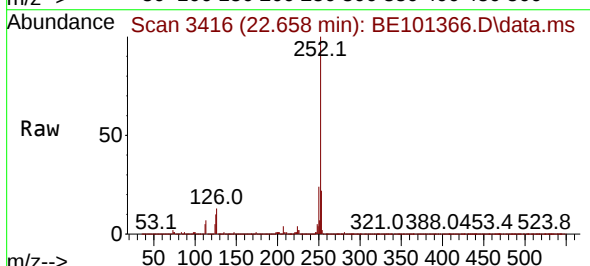
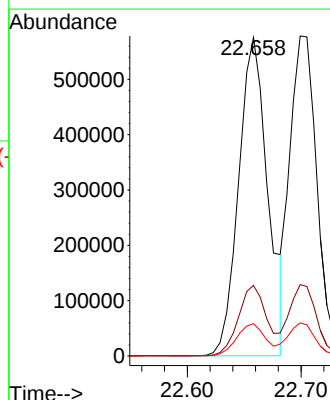
Tgt Ion:252 Resp: 1021947

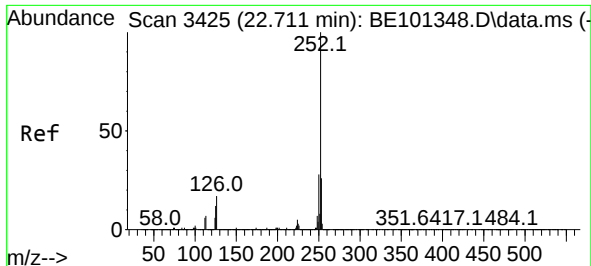
Ion Ratio Lower Upper

252 100

253 22.2 20.2 30.2

125 10.2 9.4 14.0





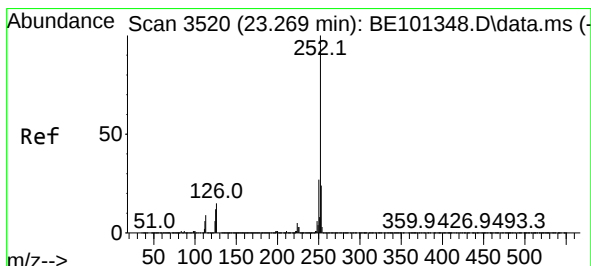
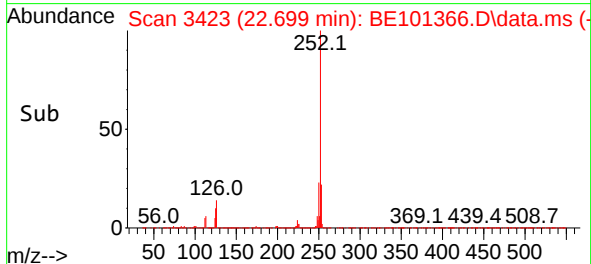
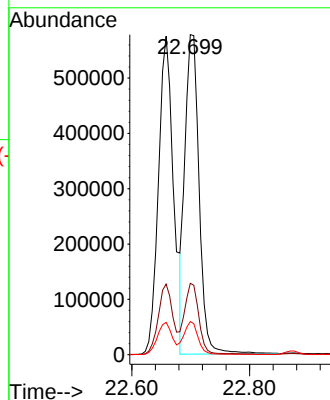
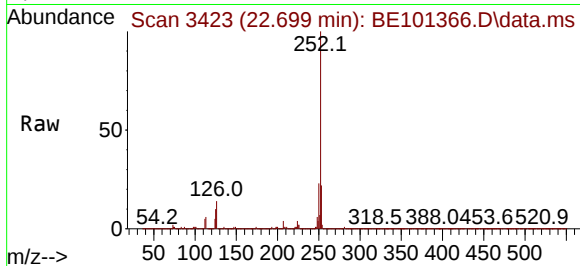
#89
Benzo(k)fluoranthene
Concen: 9.929 ng
RT: 22.699 min Scan# 3425
Delta R.T. -0.012 min
Lab File: BE101366.D
Acq: 18 Sep 2024 16:40

Instrument : BNA_E
ClientSampleId : LOD-MDL-WATER-01-QT2-2024

Tgt Ion:252 Resp: 96948
Ion Ratio Lower Upper
252 100
253 22.3 20.2 30.4
125 10.4 9.4 14.0

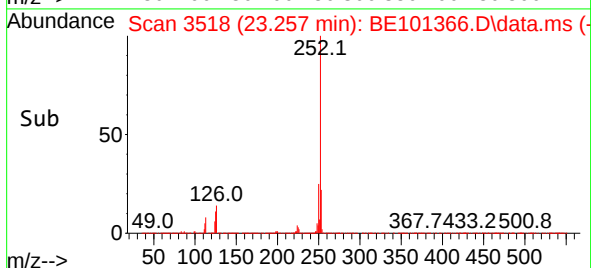
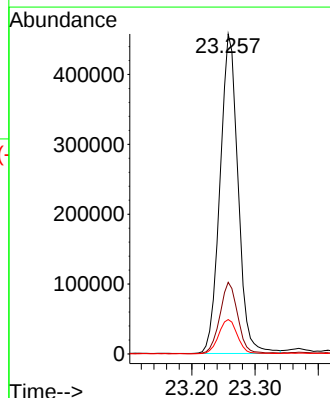
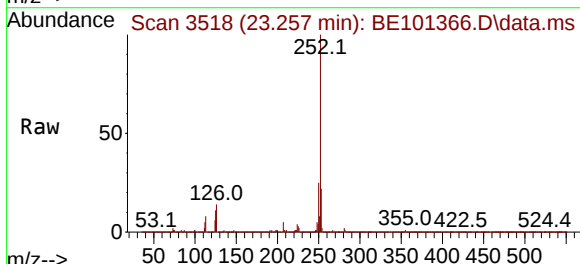
Manual Integrations
APPROVED

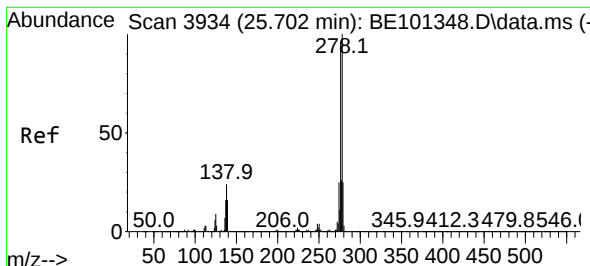
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#90
Benzo(a)pyrene
Concen: 9.930 ng
RT: 23.257 min Scan# 3518
Delta R.T. -0.012 min
Lab File: BE101366.D
Acq: 18 Sep 2024 16:40

Tgt Ion:252 Resp: 906647
Ion Ratio Lower Upper
252 100
253 22.4 19.0 28.6
125 10.7 9.6 14.4





#91

Dibenzo(a,h)anthracene

Concen: 9.520 ng

RT: 25.678 min Scan# 3934

Delta R.T. -0.024 min

Lab File: BE101366.D

Acq: 18 Sep 2024 16:40

Instrument :

BNA_E

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

Tgt Ion:278 Resp: 104885

Ion Ratio Lower Upper

278 100

139 14.8 12.4 18.6

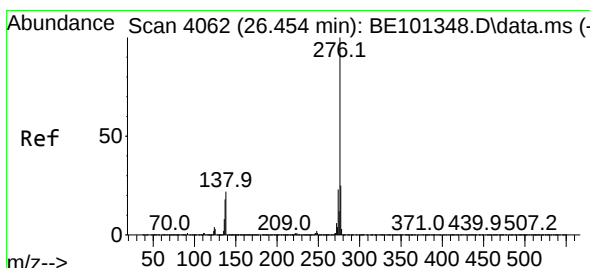
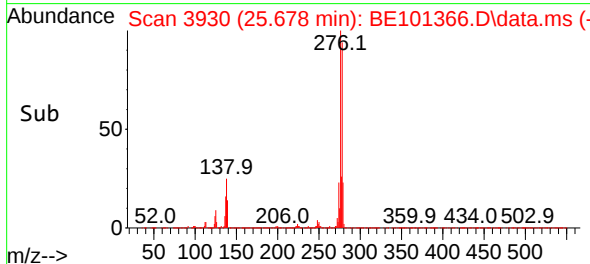
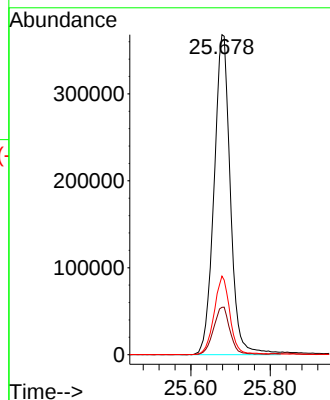
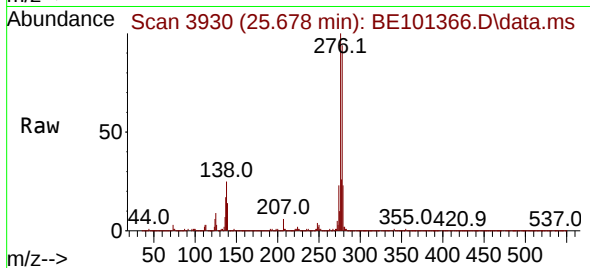
279 24.6 19.8 29.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/19/2024

Supervised By :mohammad ahmed 09/20/2024



#92

Benzo(g,h,i)perylene

Concen: 8.813 ng

RT: 26.430 min Scan# 4058

Delta R.T. -0.024 min

Lab File: BE101366.D

Acq: 18 Sep 2024 16:40

Tgt Ion:276 Resp: 985972

Ion Ratio Lower Upper

276 100

277 24.2 19.8 29.8

138 19.6 17.4 26.0

