

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE091924\
 Data File : BE101374.D
 Acq On : 19 Sep 2024 11:43
 Operator : RC/JU
 Sample : P2403-09
 Misc : MDL-MDL-WATER 4ppm
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MDL-WATER-03-QT2-2024

Quant Time: Sep 19 12:39:26 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 :Yogesh Patel 09/21/2024
 Supervised By :mohammad ahmed 09/22/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.573	152	139081	20.000	ng	0.00
21) Naphthalene-d8	10.340	136	667583	20.000	ng	0.00
39) Acenaphthene-d10	14.182	164	479436	20.000	ng	0.00
64) Phenanthrene-d10	16.920	188	1107658	20.000	ng	0.00
76) Chrysene-d12	21.080	240	1235269	20.000	ng	0.00
86) Perylene-d12	23.372	264	1505601	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.322	112	977866	122.932	ng	0.00
7) Phenol-d6	6.950	99	1310245	116.192	ng	0.00
23) Nitrobenzene-d5	8.783	82	903348	85.788	ng	0.00
42) 2,4,6-Tribromophenol	15.692	330	1026896	127.344	ng	0.00
45) 2-Fluorobiphenyl	12.808	172	2453234	88.424	ng	0.00
79) Terphenyl-d14	19.517	244	3976990	71.388	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.242	88	13664	4.511	ng	98
3) Pyridine	3.912	79	24453m	2.803	ng	
4) n-Nitrosodimethylamine	3.689	42	12479m	3.981	ng	
6) Aniline	7.020	93	47914	5.064	ng	99
8) 2-Chlorophenol	7.214	128	37950	3.970	ng	94
9) Benzaldehyde	6.791	77	29358	5.665	ng	98
10) Phenol	6.973	94	42918	3.463	ng	87
11) bis(2-Chloroethyl)ether	7.044	93	36802m	3.508	ng	
12) 1,3-Dichlorobenzene	7.461	146	40874	3.979	ng	99
13) 1,4-Dichlorobenzene	7.608	146	41121	3.929	ng	94
14) 1,2-Dichlorobenzene	7.937	146	40608	3.915	ng	97
15) Benzyl Alcohol	7.913	79	34880	5.195	ng	# 58
16) 2,2'-oxybis(1-Chloropr...	8.072	45	55840	4.224	ng	96
17) 2-Methylphenol	8.160	107	27848	3.391	ng	96
18) Hexachloroethane	8.630	117	12742	3.722	ng	98
19) n-Nitroso-di-n-propyla...	8.383	70	27896	3.505	ng	95
20) 3+4-Methylphenols	8.495	107	37257	3.224	ng	95
22) Acetophenone	8.430	105	59845	3.866	ng	# 99
24) Nitrobenzene	8.824	77	45562	4.053	ng	97
25) Isophorone	9.282	82	79022	3.666	ng	97
26) 2-Nitrophenol	9.517	139	17175	3.237	ng	94
27) 2,4-Dimethylphenol	9.629	122	20744	3.045	ng	97
28) bis(2-Chloroethoxy)met...	9.788	93	47681	3.657	ng	98
29) 2,4-Dichlorophenol	10.064	162	32591	3.494	ng	97
30) 1,2,4-Trichlorobenzene	10.187	180	39695	3.938	ng	97
31) Naphthalene	10.387	128	133962	3.977	ng	99
32) Benzoic acid	9.823	122	10248m	8.539	ng	
33) 4-Chloroaniline	10.622	127	46135	3.580	ng	97
34) Hexachlorobutadiene	10.640	225	22607	3.860	ng	97
35) Caprolactam	11.421	113	10648m	2.826	ng	
36) 4-Chloro-3-methylphenol	11.785	107	37175	3.373	ng	94
37) 2-Methylnaphthalene	11.979	142	95580	3.880	ng	99
38) 1-Methylnaphthalene	12.208	142	90372	3.657	ng	98
40) 1,2,4,5-Tetrachloroben...	12.338	216	46811	4.053	ng	99
41) Hexachlorocyclopentadiene	12.320	237	12314	3.245	ng	98
43) 2,4,6-Trichlorophenol	12.655	196	27984	3.421	ng	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.755	196	30181	3.270	ng	96
46) 1,1'-Biphenyl	13.013	154	140549	4.326	ng	98
47) 2-Chloronaphthalene	13.054	162	99817	3.906	ng	99
48) 2-Nitroaniline	13.389	65	20064	2.918	ng	91
49) Acenaphthylene	13.912	152	158307	4.151	ng	97
50) Dimethylphthalate	13.683	163	135467	3.916	ng	98
51) 2,6-Dinitrotoluene	13.818	165	24010	3.101	ng	94
52) Acenaphthene	14.247	154	97270	3.869	ng	99
53) 3-Nitroaniline	14.235	138	23163	2.908	ng	97
55) Dibenzofuran	14.588	168	163480	4.117	ng	99
56) 4-Nitrophenol	14.653	139	17408m	2.629	ng	
57) 2,4-Dinitrotoluene	14.605	165	29200	2.770	ng	# 80
58) Fluorene	15.222	166	131585	3.933	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.852	232	30537	3.499	ng	98
60) Diethylphthalate	15.011	149	138858	3.869	ng	98
61) 4-Chlorophenyl-phenyle...	15.217	204	64319	3.919	ng	96
62) 4-Nitroaniline	15.422	138	20500	2.470	ng	96
63) Azobenzene	15.510	77	116401	3.795	ng	98
65) 4,6-Dinitro-2-methylph...	15.346	198	13181	2.096	ng	93
66) n-Nitrosodiphenylamine	15.463	169	115133	3.900	ng	98
67) 4-Bromophenyl-phenylether	16.098	248	42192	3.667	ng	96
68) Hexachlorobenzene	16.204	284	54578	3.670	ng	97
69) Atrazine	16.392	200	39539	4.055	ng	99
70) Pentachlorophenol	16.609	266	22348	2.515	ng	96
71) Phenanthrene	16.962	178	221835	4.217	ng	97
72) Anthracene	17.050	178	203353	3.972	ng	96
73) Carbazole	17.379	167	200752	3.827	ng	98
74) Di-n-butylphthalate	17.825	149	217358	3.773	ng	96
75) Fluoranthene	18.965	202	263017	4.153	ng	94
77) Benzidine	19.224	184	63783	3.111	ng	# 95
78) Pyrene	19.335	202	284013	4.134	ng	92
80) Butylbenzylphthalate	20.187	149	109135	3.589	ng	99
81) Benzo(a)anthracene	21.057	228	303402	4.374	ng	91
82) 3,3'-Dichlorobenzidine	21.039	252	94789	3.487	ng	98
83) Chrysene	21.116	228	296342	4.447	ng	91
84) Bis(2-ethylhexyl)phtha...	20.892	149	140048	3.482	ng	95
85) Di-n-octyl phthalate	21.738	149	250357	3.813	ng	100
87) Indeno(1,2,3-cd)pyrene	25.675	276	396695	3.999	ng	98
88) Benzo(b)fluoranthene	22.655	252	313723	4.023	ng	94
89) Benzo(k)fluoranthene	22.702	252	319103	4.336	ng	95
90) Benzo(a)pyrene	23.260	252	283389	4.118	ng	97
91) Dibenzo(a,h)anthracene	25.675	278	324884	3.912	ng	98
92) Benzo(g,h,i)perylene	26.427	276	307682	3.649	ng	99

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

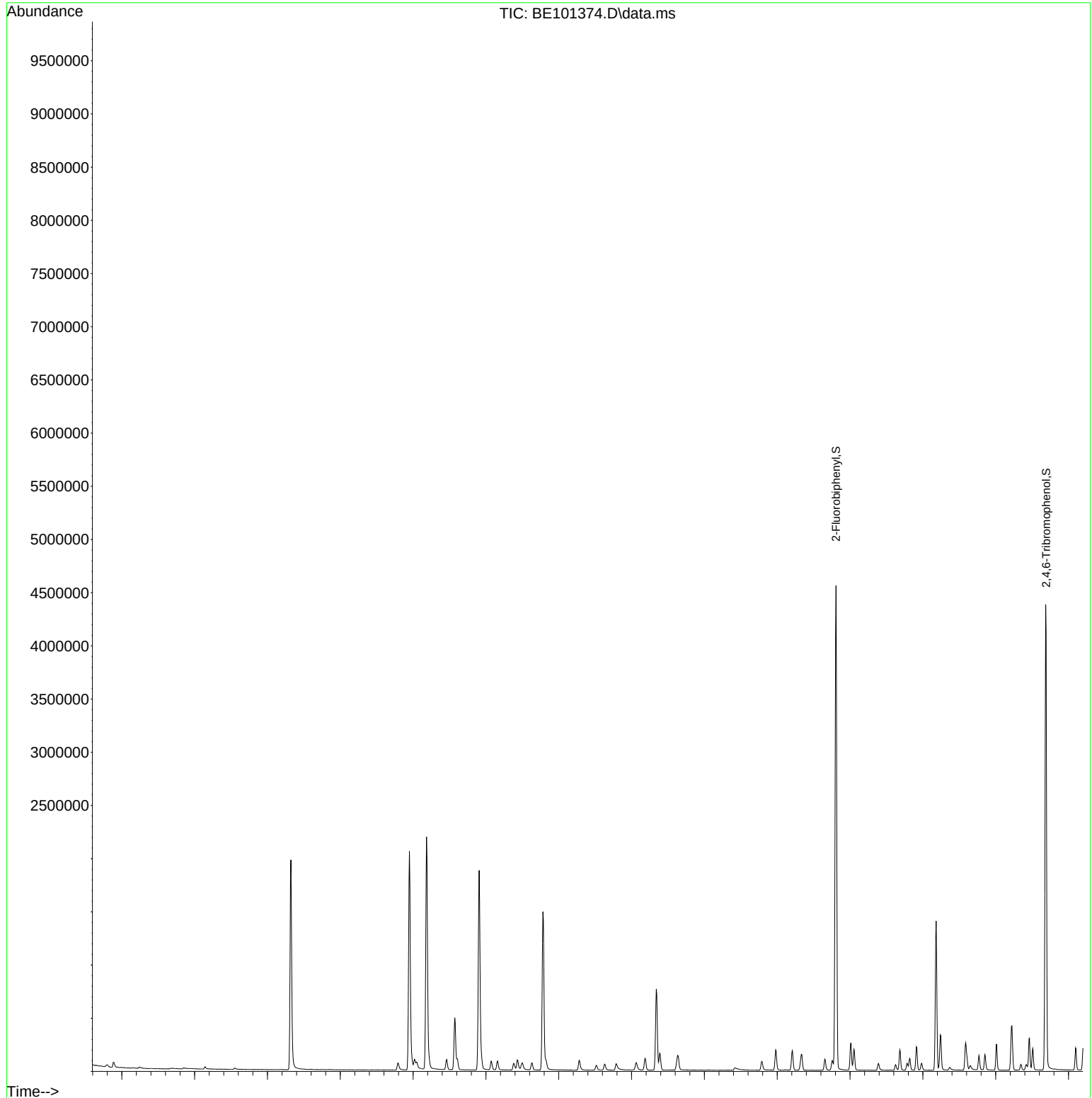
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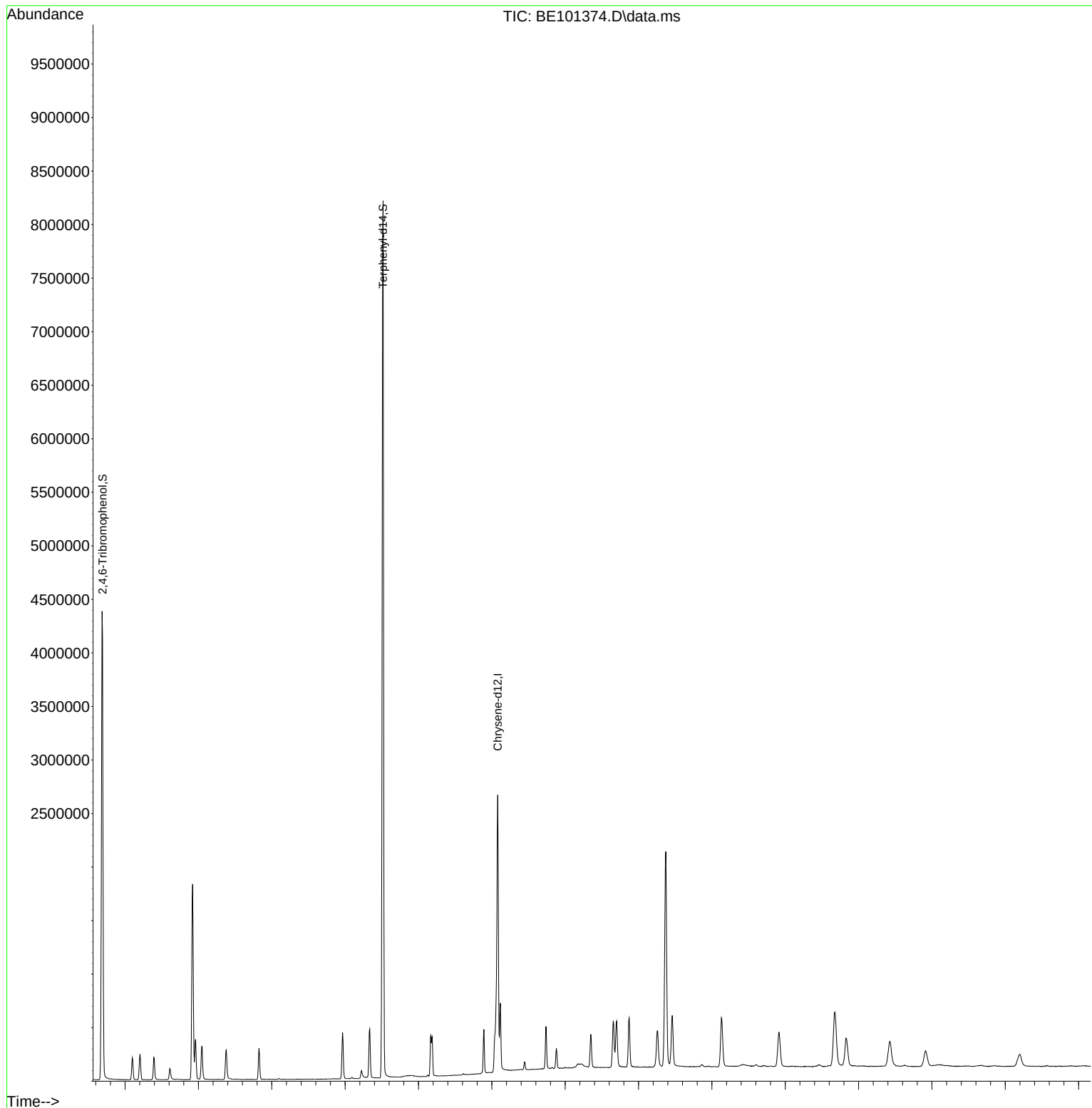
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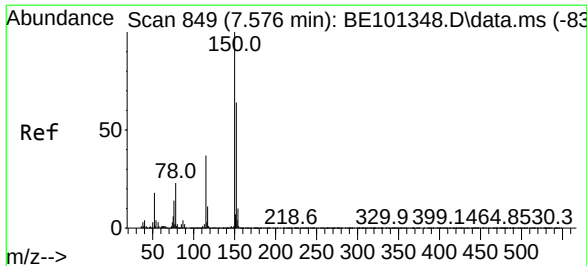
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ClientSampleId :
MDL-WATER-03-QT2-2024

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE091724.M
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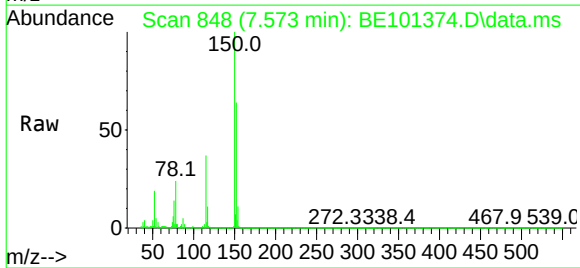
Reviewed By :Yogesh Patel 09/21/2024
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.573 min Scan# 849
Delta R.T. -0.003 min
Lab File: BE101374.D
Acq: 19 Sep 2024 11:43

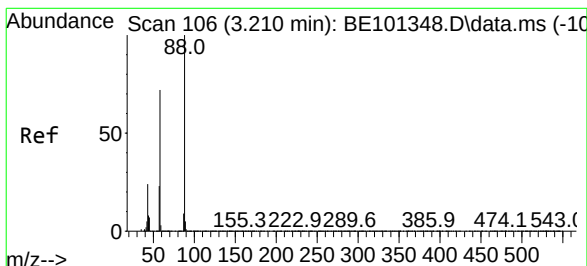
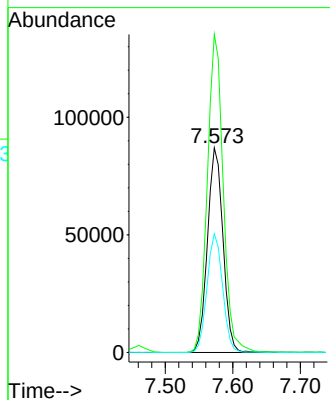
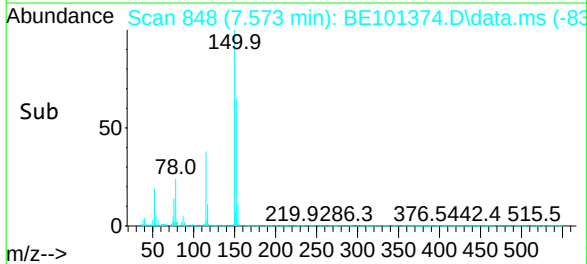
Instrument :
BNA_E
ClientSampleId :
MDL-WATER-03-QT2-2024



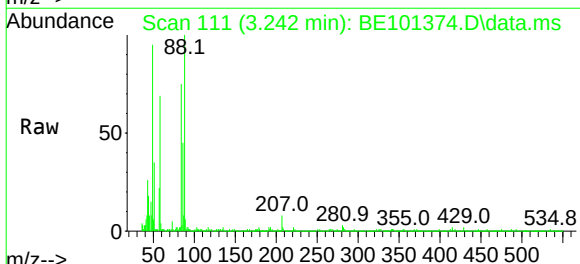
Tgt Ion: 152 Resp: 139081
Ion Ratio Lower Upper
152 100
150 155.4 125.9 188.9
115 58.0 46.9 70.3

Manual Integrations
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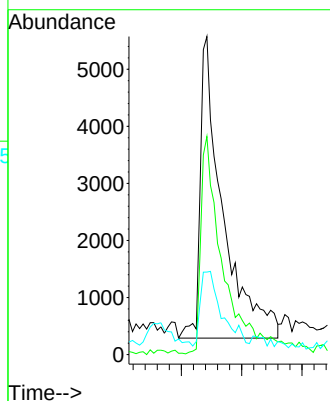
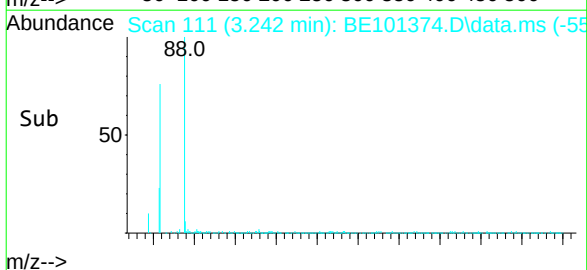
Reviewed By :Yogesh Patel 09/21/2024
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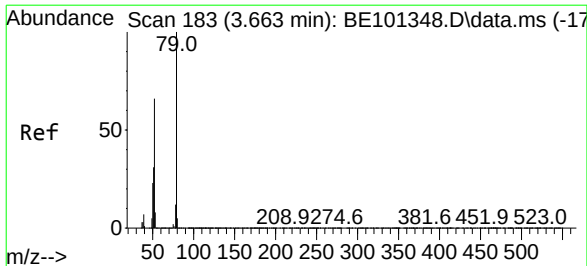


#2
1,4-Dioxane
Concen: 4.511 ng
RT: 3.242 min Scan# 111
Delta R.T. 0.032 min
Lab File: BE101374.D
Acq: 19 Sep 2024 11:43



Tgt Ion: 88 Resp: 13664
Ion Ratio Lower Upper
88 100
58 72.2 58.8 88.2
43 23.5 19.4 29.2





#3

Pyridine

Concen: 2.803 ng m

RT: 3.912 min Scan# 22

Delta R.T. 0.249 min

Lab File: BE101374.D

Acq: 19 Sep 2024 11:43

Instrument :

BNA_E

ClientSampleId :

MDL-WATER-03-QT2-2024

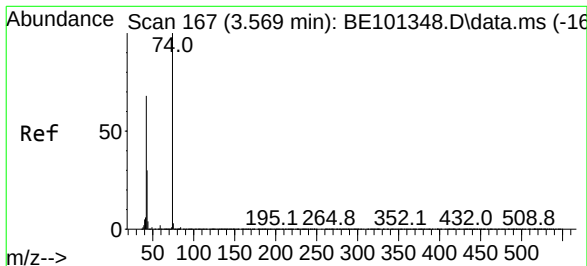
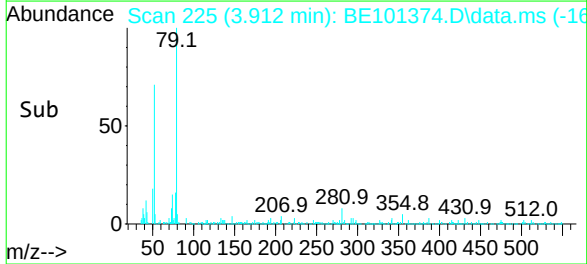
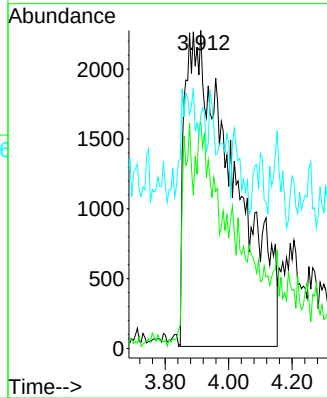
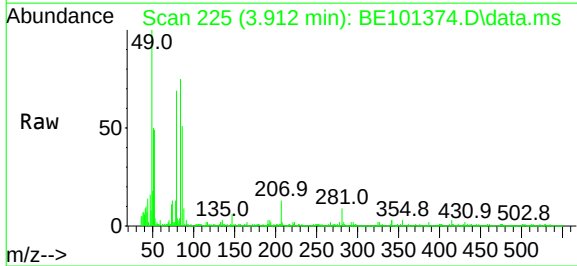
Tgt	Ion	Ratio	Lower	Upper
79	79	100		
52	71.1	52.6	78.8	
51	73.2	26.2	39.2	

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Supervised By :mohammad ahmed 09/22/2024



#4

n-Nitrosodimethylamine

Concen: 3.981 ng m

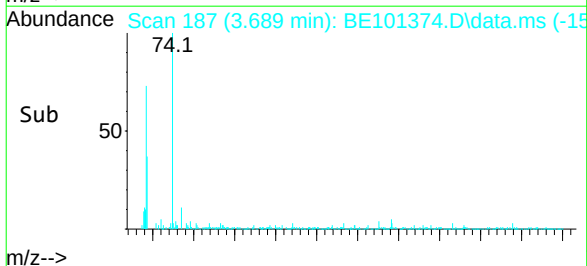
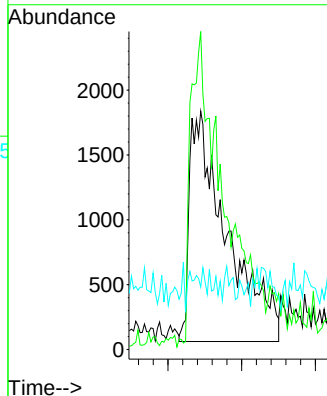
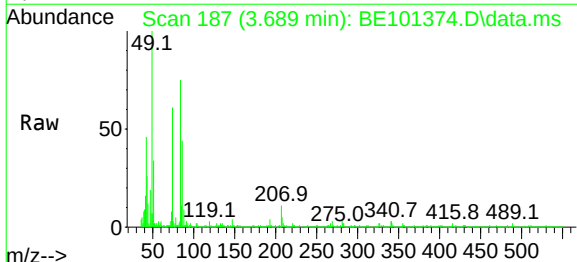
RT: 3.689 min Scan# 187

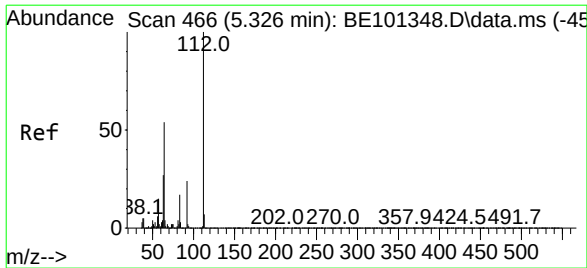
Delta R.T. 0.120 min

Lab File: BE101374.D

Acq: 19 Sep 2024 11:43

Tgt	Ion	Ratio	Lower	Upper
42	42	100		
74	133.4	117.0	175.4	
44	26.2	5.9	8.9	





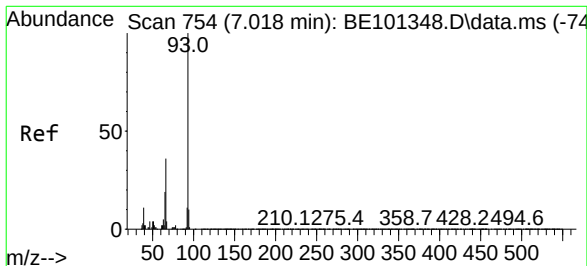
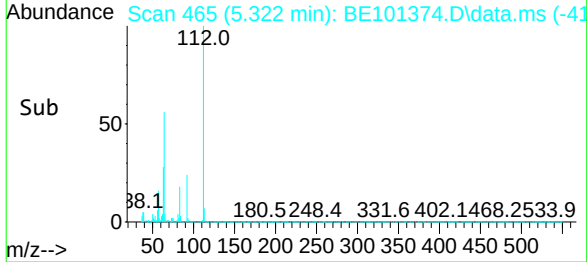
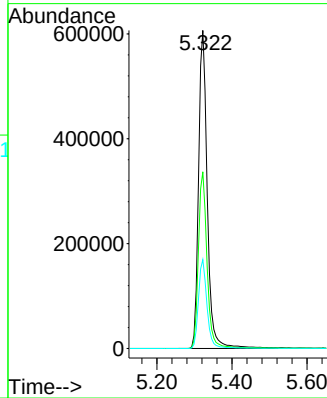
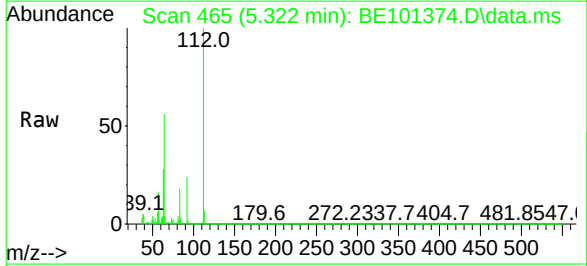
#5
2-Fluorophenol
Concen: 122.932 ng
RT: 5.322 min Scan# 466
Delta R.T. -0.003 min
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ClientSampleId :
MDL-WATER-03-QT2-2024

Tgt Ion:	112	Resp:	977866
Ion	Ratio	Lower	Upper
112	100		
64	55.6	42.8	64.2
63	27.9	21.3	31.9

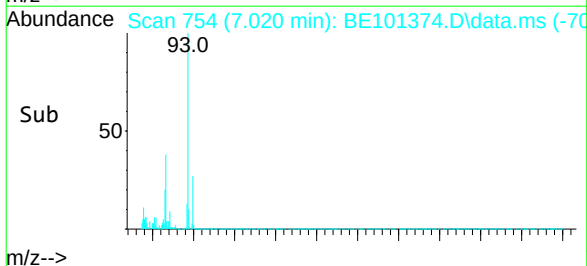
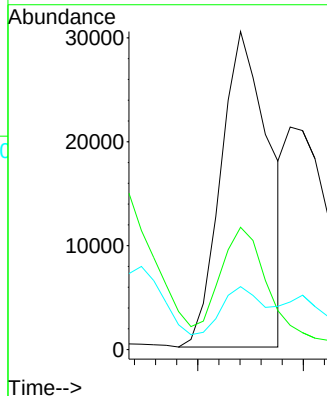
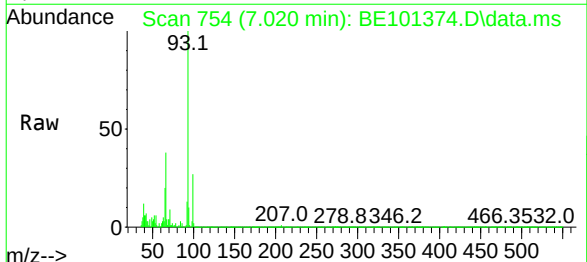
Manual Integrations
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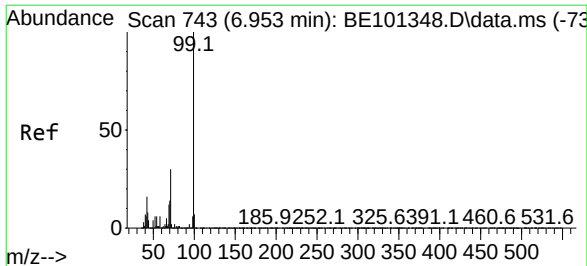
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#6
Aniline
Concen: 5.064 ng
RT: 7.020 min Scan# 754
Delta R.T. 0.003 min
Lab File: BE101374.D
Acq: 19 Sep 2024 11:43

Tgt Ion:	93	Resp:	47914
Ion	Ratio	Lower	Upper
93	100		
66	38.5	30.0	45.0
65	19.8	15.8	23.8





#7

Phenol-d6

Concen: 116.192 ng

RT: 6.950 min Scan# 74

Delta R.T. -0.003 min

Lab File: BE101374.D

Acq: 19 Sep 2024 11:43

Instrument :

BNA_E

ClientSampleId :

MDL-WATER-03-QT2-2024

Tgt Ion: 99 Resp: 1310245

Ion Ratio Lower Upper

99 100

42 15.8 12.8 19.2

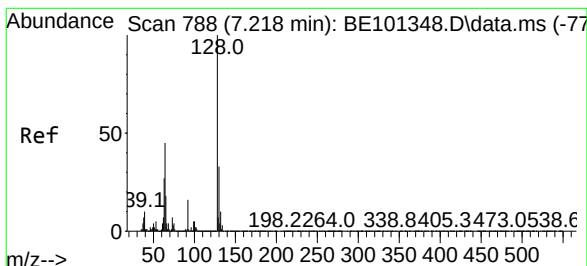
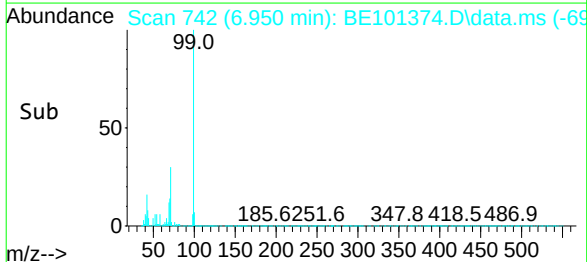
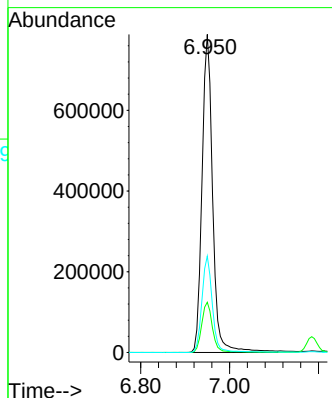
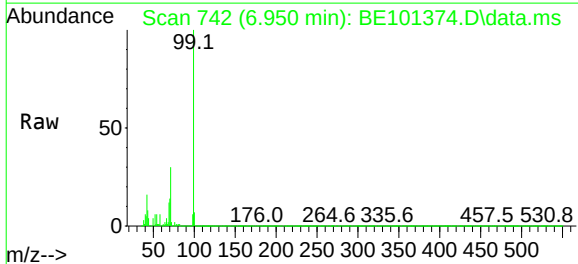
71 30.3 23.8 35.6

Manual Integrations

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Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#8

2-Chlorophenol

Concen: 3.970 ng

RT: 7.214 min Scan# 787

Delta R.T. -0.003 min

Lab File: BE101374.D

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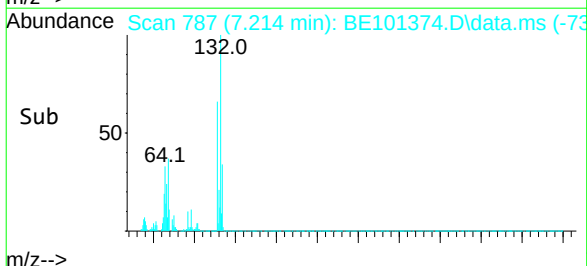
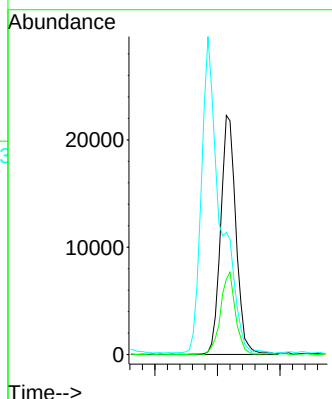
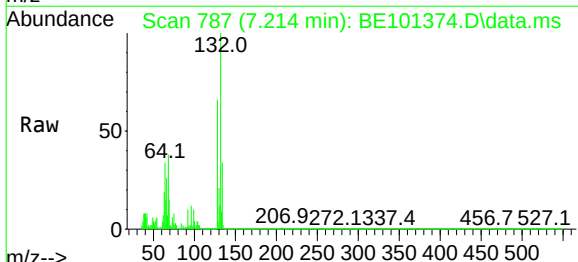
Tgt Ion:128 Resp: 37950

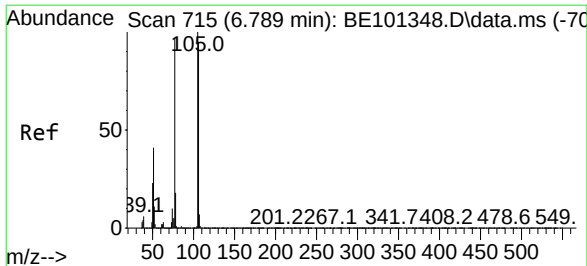
Ion Ratio Lower Upper

128 100

130 31.5 12.8 52.8

64 51.0 24.9 64.9





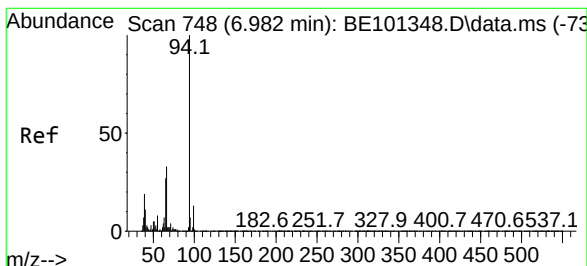
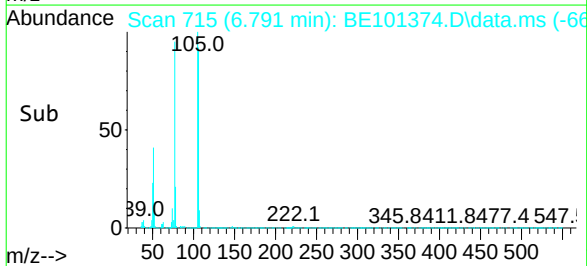
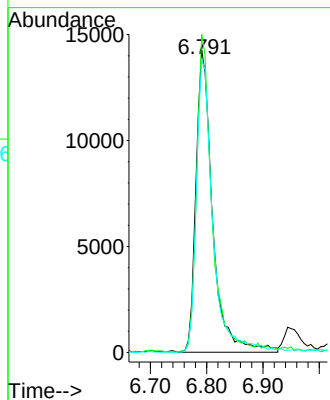
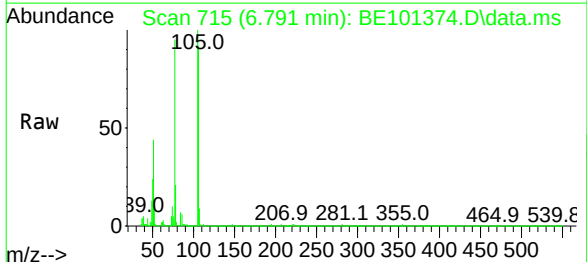
#9
Benzaldehyde
Concen: 5.665 ng
RT: 6.791 min Scan# 715
Delta R.T. 0.003 min
Lab File: BE101374.D
Acq: 19 Sep 2024 11:43

Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT2-2024

Tgt Ion: 77	Resp: 29358
Ion Ratio	Lower Upper
77 100	
105 105.2	82.8 122.8
106 96.9	77.9 117.9

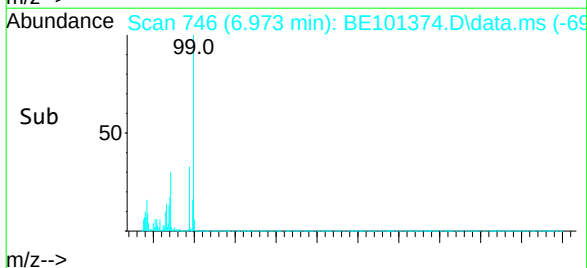
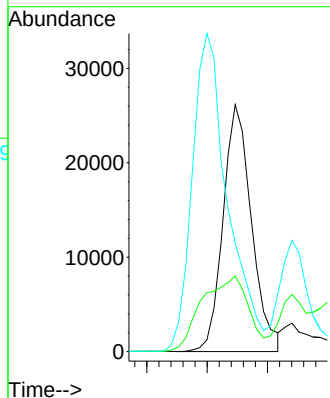
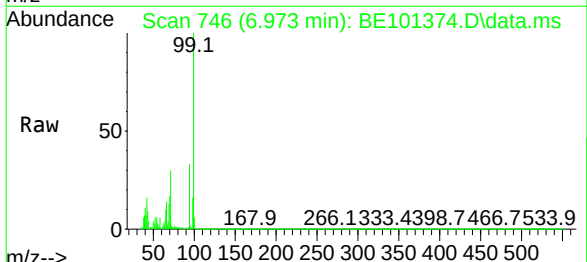
Manual Integrations
APPROVED

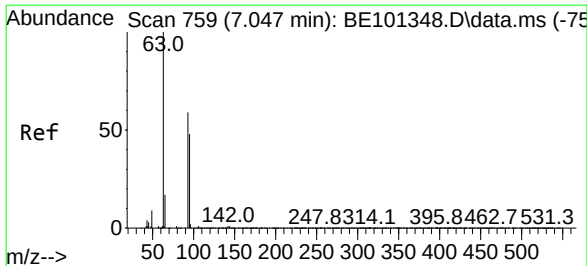
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#10
Phenol
Concen: 3.463 ng
RT: 6.973 min Scan# 746
Delta R.T. -0.009 min
Lab File: BE101374.D
Acq: 19 Sep 2024 11:43

Tgt Ion: 94	Resp: 42918
Ion Ratio	Lower Upper
94 100	
65 30.6	7.1 47.1
66 43.8	13.1 53.1





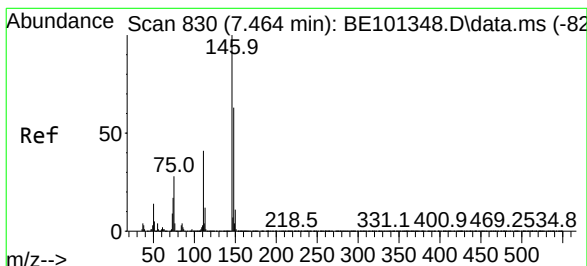
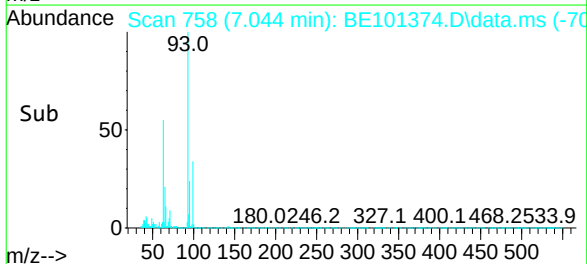
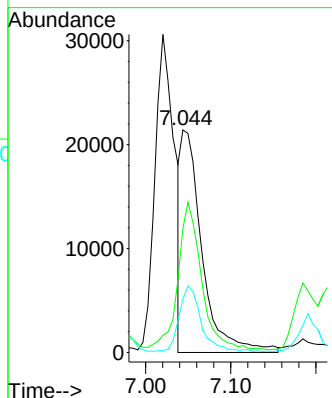
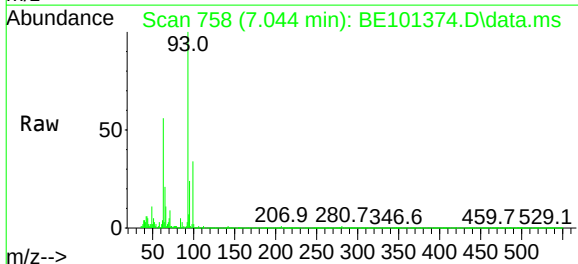
#11
bis(2-Chloroethyl)ether
Concen: 3.508 ng m
RT: 7.044 min Scan# 759
Delta R.T. -0.003 min
Lab File: BE101374.D
Acq: 19 Sep 2024 11:43

Instrument :
BNA_E
ClientSampleId :
MDL-WATER-03-QT2-2024

Tgt Ion: 93 Resp: 36802
Ion Ratio Lower Upper
93 100
63 55.8 43.7 83.7
95 23.9 8.7 48.7

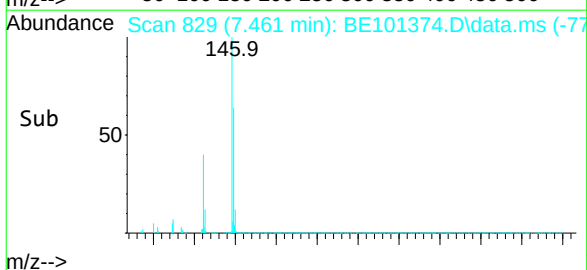
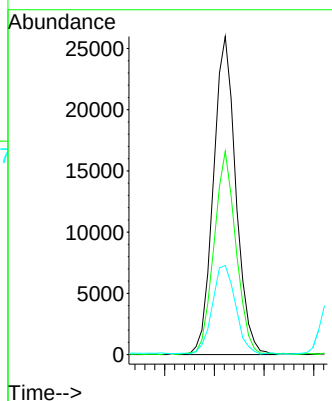
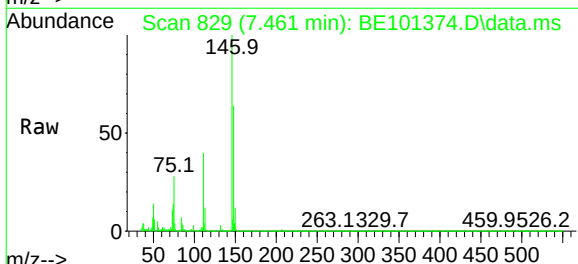
Manual Integrations
APPROVED

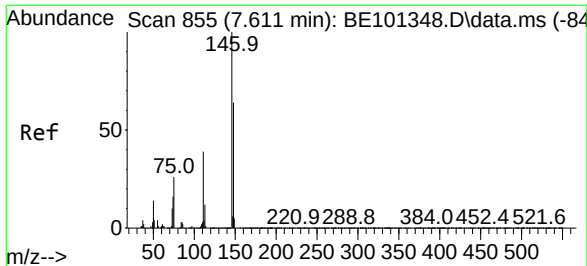
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#12
1,3-Dichlorobenzene
Concen: 3.979 ng
RT: 7.461 min Scan# 829
Delta R.T. -0.003 min
Lab File: BE101374.D
Acq: 19 Sep 2024 11:43

Tgt Ion:146 Resp: 40874
Ion Ratio Lower Upper
146 100
148 63.9 50.8 76.2
75 28.0 22.1 33.1





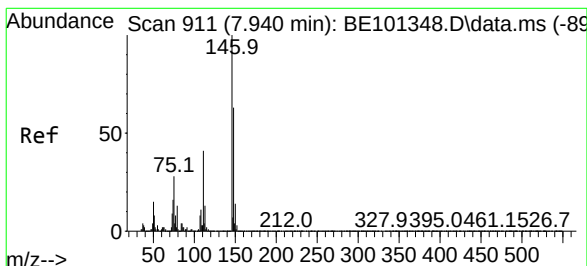
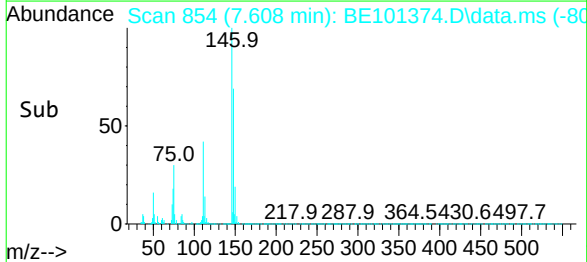
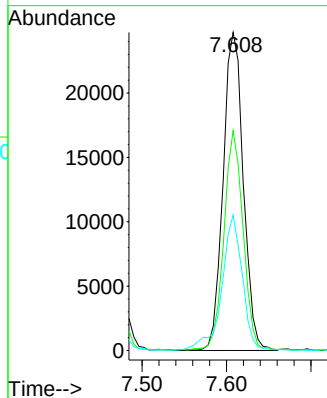
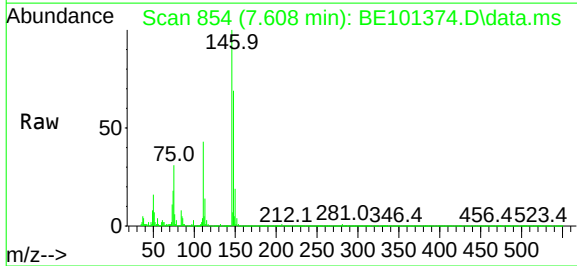
#13
1,4-Dichlorobenzene
Concen: 3.929 ng
RT: 7.608 min Scan# 85
Delta R.T. -0.003 min
Lab File: BE101374.D
Acq: 19 Sep 2024 11:43

Instrument :
BNA_E
ClientSampleId :
MDL-WATER-03-QT2-2024

Tgt Ion:146 Resp: 41121
Ion Ratio Lower Upper
146 100
148 69.1 51.1 76.7
111 42.5 31.1 46.7

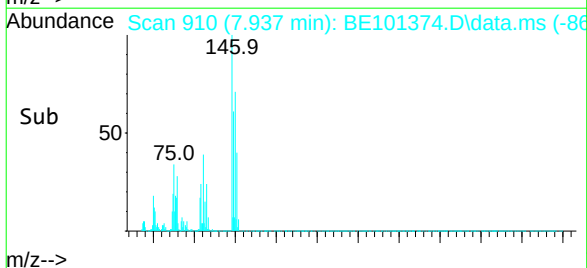
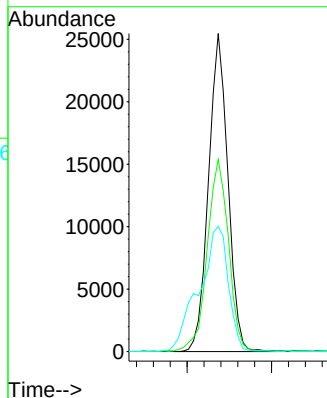
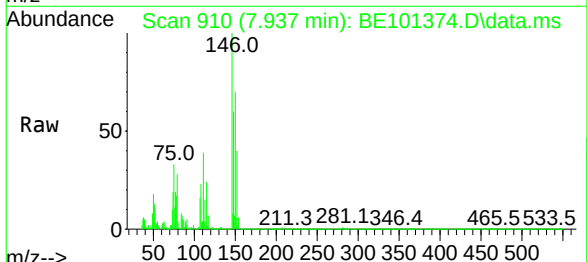
Manual Integrations
APPROVED

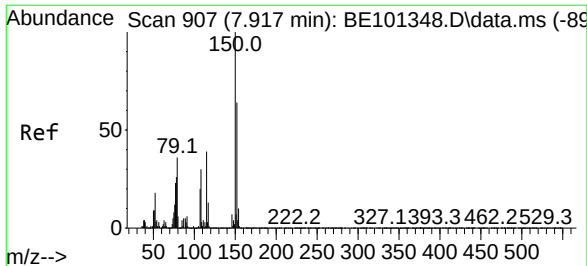
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#14
1,2-Dichlorobenzene
Concen: 3.915 ng
RT: 7.937 min Scan# 910
Delta R.T. -0.003 min
Lab File: BE101374.D
Acq: 19 Sep 2024 11:43

Tgt Ion:146 Resp: 40608
Ion Ratio Lower Upper
146 100
148 60.4 50.4 75.6
111 39.4 32.6 48.8





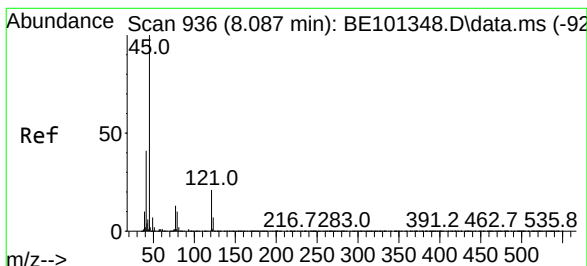
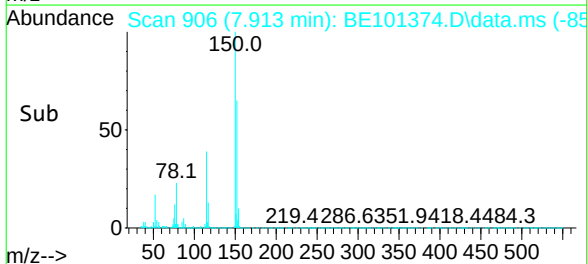
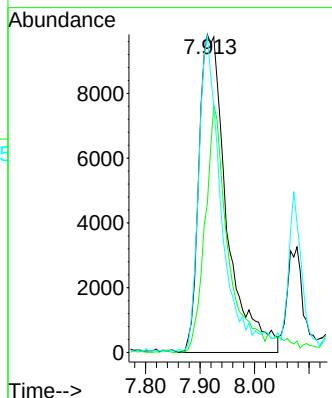
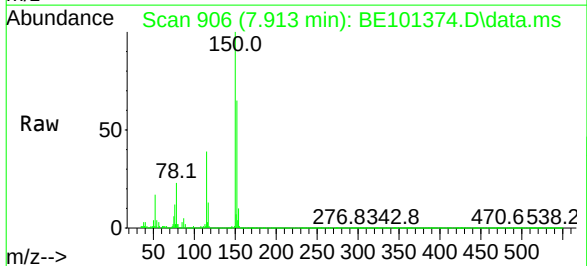
#15
Benzyl Alcohol
Concen: 5.195 ng
RT: 7.913 min Scan# 907
Delta R.T. -0.003 min
Lab File: BE101374.D
Acq: 19 Sep 2024 11:43

Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT2-2024

Tgt Ion: 79 Resp: 34880
Ion Ratio Lower Upper
79 100
108 47.0 66.0 99.0#
77 99.4 51.0 76.6#

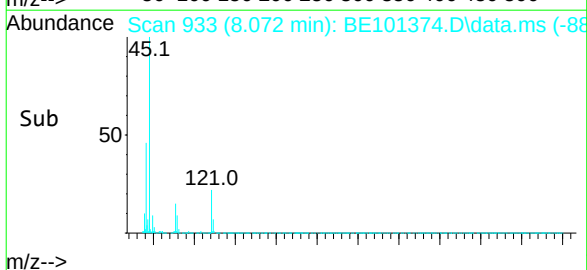
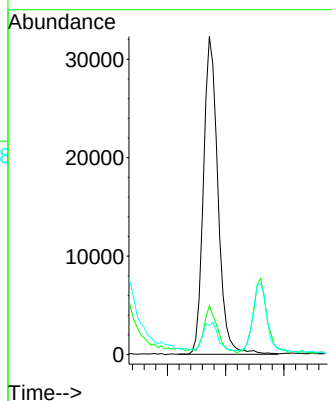
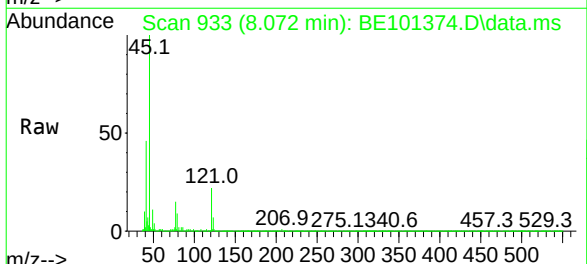
Manual Integrations
APPROVED

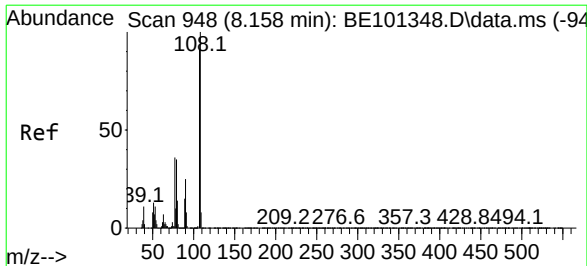
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.224 ng
RT: 8.072 min Scan# 933
Delta R.T. -0.015 min
Lab File: BE101374.D
Acq: 19 Sep 2024 11:43

Tgt Ion: 45 Resp: 55840
Ion Ratio Lower Upper
45 100
77 15.4 0.0 34.3
79 9.1 0.0 31.6





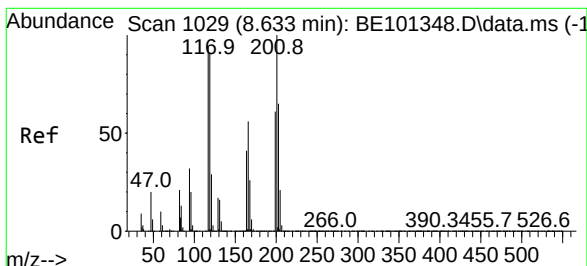
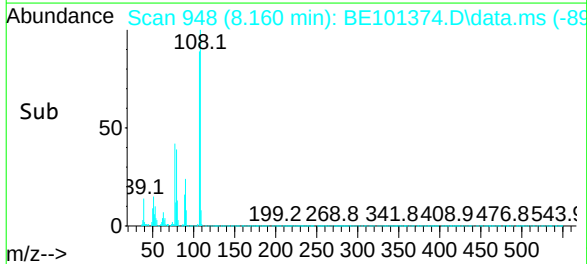
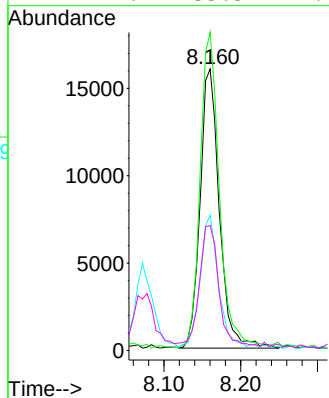
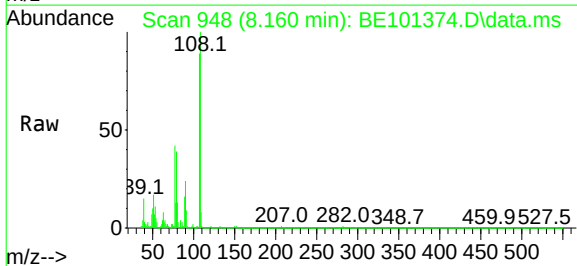
#17
2-Methylphenol
Concen: 3.391 ng
RT: 8.160 min Scan# 948
Delta R.T. 0.003 min
Lab File: BE101374.D
Acq: 19 Sep 2024 11:43

Instrument :
BNA_E
ClientSampleId :
MDL-WATER-03-QT2-2024

Tgt	Ion	Ratio	Lower	Upper
107	107	100		
108	113.0	88.2	132.2	
77	48.0	34.9	52.3	
79	44.4	33.3	49.9	

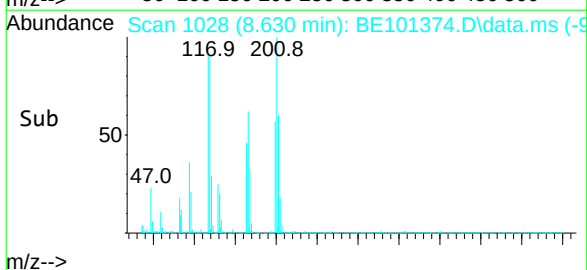
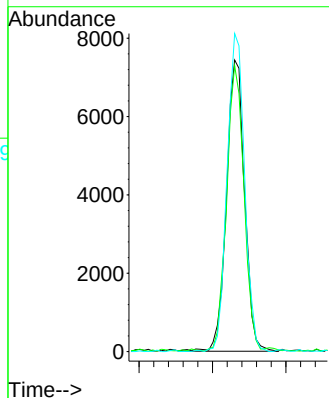
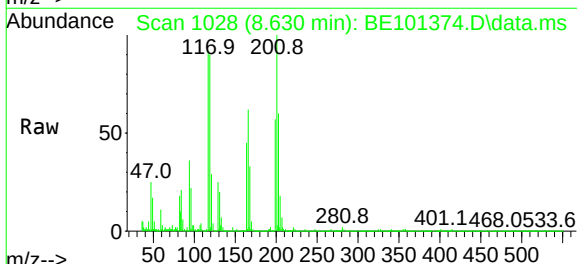
Manual Integrations
APPROVED

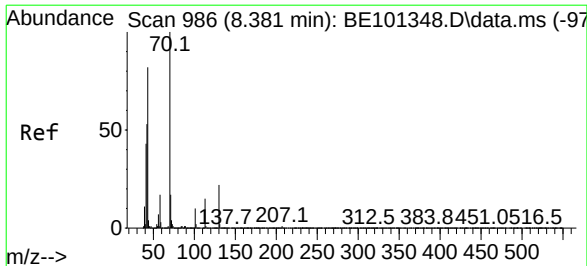
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#18
Hexachloroethane
Concen: 3.722 ng
RT: 8.630 min Scan# 1028
Delta R.T. -0.003 min
Lab File: BE101374.D
Acq: 19 Sep 2024 11:43

Tgt	Ion	Ratio	Lower	Upper
117	117	100		
119	98.1	77.4	116.2	
201	109.1	84.8	127.2	





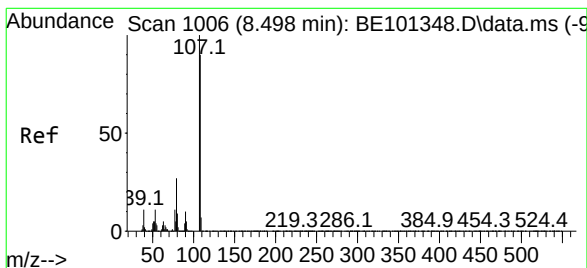
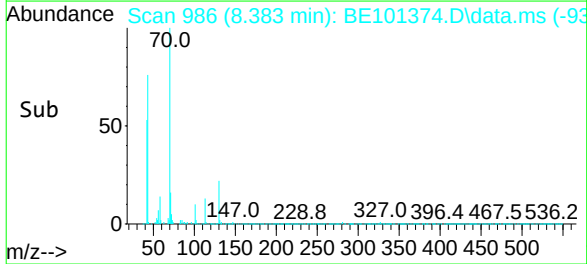
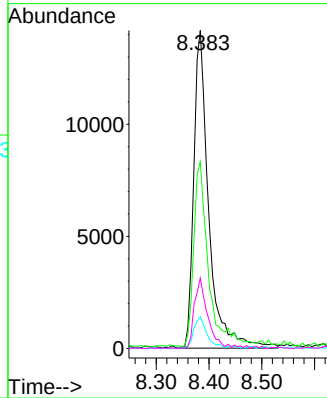
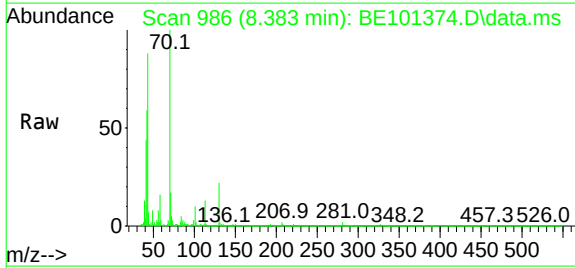
#19
n-Nitroso-di-n-propylamine
Concen: 3.505 ng
RT: 8.383 min Scan# 986
Delta R.T. 0.003 min
Lab File: BE101374.D
Acq: 19 Sep 2024 11:43

Instrument :
BNA_E
ClientSampleId :
MDL-WATER-03-QT2-2024

Tgt Ion	Ratio	Lower	Upper
70	100		
42	58.7	42.5	63.7
101	10.0	7.8	11.6
130	22.1	17.9	26.9

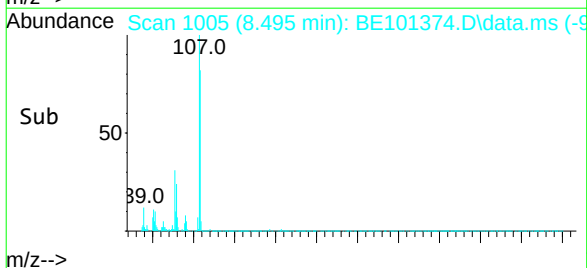
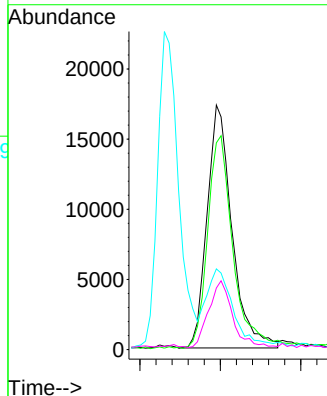
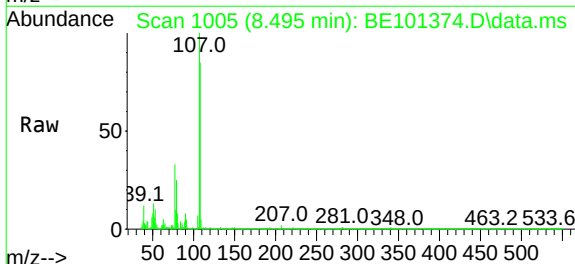
Manual Integrations
APPROVED

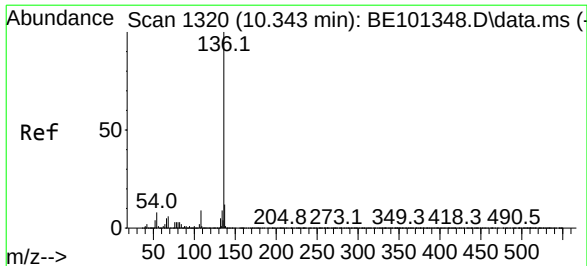
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#20
3+4-Methylphenols
Concen: 3.224 ng
RT: 8.495 min Scan# 1005
Delta R.T. -0.003 min
Lab File: BE101374.D
Acq: 19 Sep 2024 11:43

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.5	70.4	110.4
77	33.0	12.5	52.5
79	25.2	7.3	47.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.340 min Scan# 1319

Delta R.T. -0.003 min

Lab File: BE101374.D

Acq: 19 Sep 2024 11:43

Instrument :

BNA_E

ClientSampleId :

MDL-WATER-03-QT2-2024

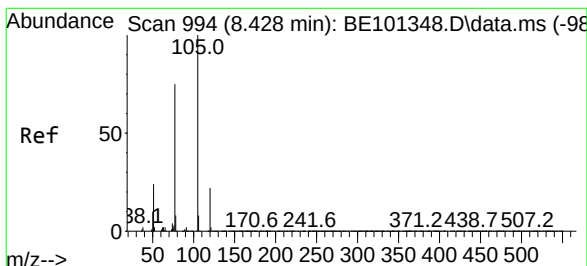
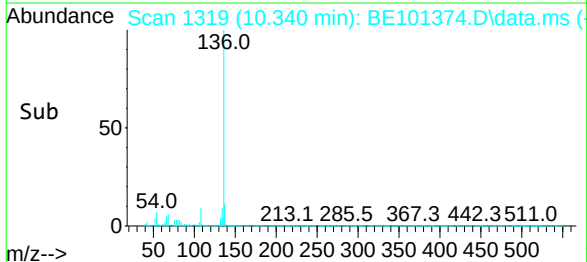
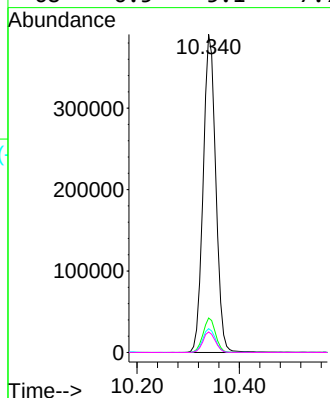
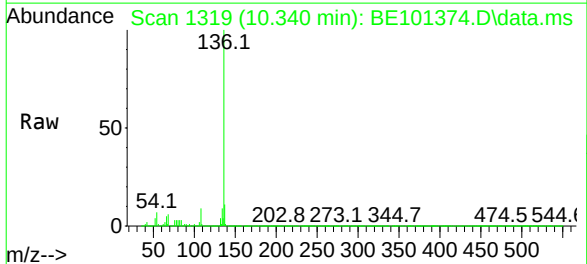
Tgt Ion:	136	Resp:	667583
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.3	13.9
54	7.5	6.1	9.1
68	6.5	5.1	7.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#22

Acetophenone

Concen: 3.866 ng

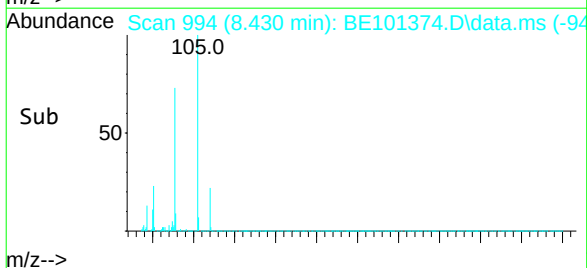
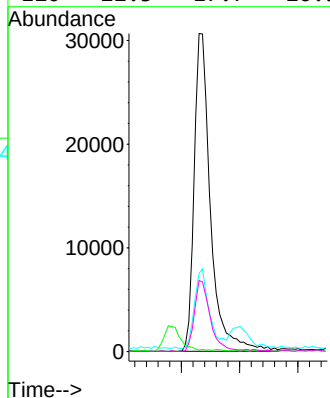
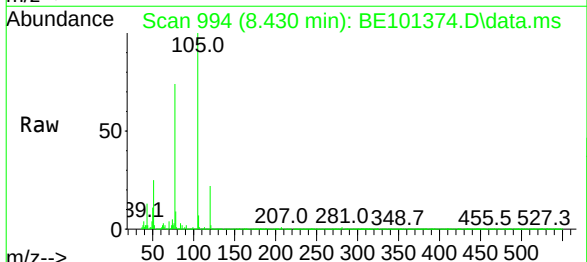
RT: 8.430 min Scan# 994

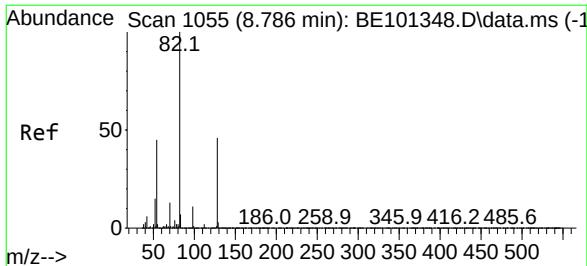
Delta R.T. 0.003 min

Lab File: BE101374.D

Acq: 19 Sep 2024 11:43

Tgt Ion:	105	Resp:	59845
Ion Ratio	Lower	Upper	
105	100		
71	0.5	0.1	0.1#
51	24.6	19.0	28.4
120	22.3	17.7	26.5





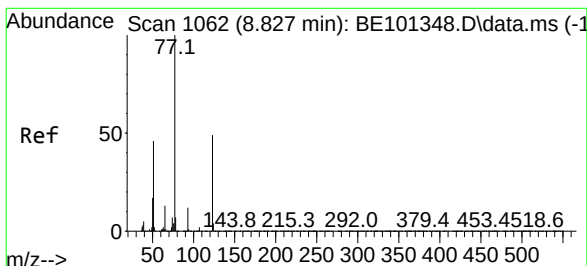
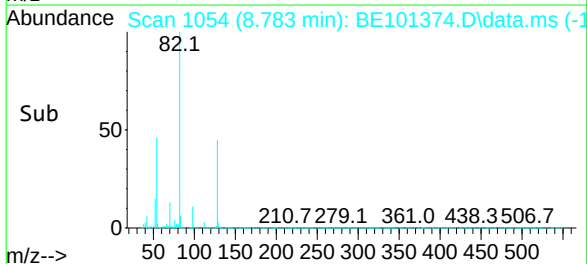
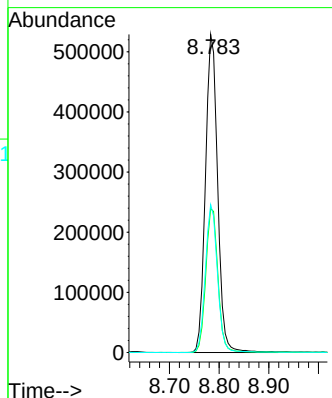
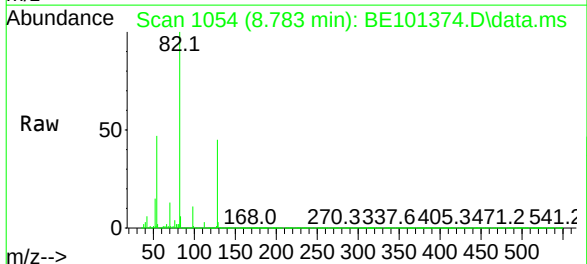
#23
Nitrobenzene-d5
Concen: 85.788 ng
RT: 8.783 min Scan# 1054
Delta R.T. -0.003 min
Lab File: BE101374.D
Acq: 19 Sep 2024 11:43

Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT2-2024

Tgt Ion: 82 Resp: 903348
Ion Ratio Lower Upper
82 100
128 45.2 36.8 55.2
54 46.5 36.2 54.4

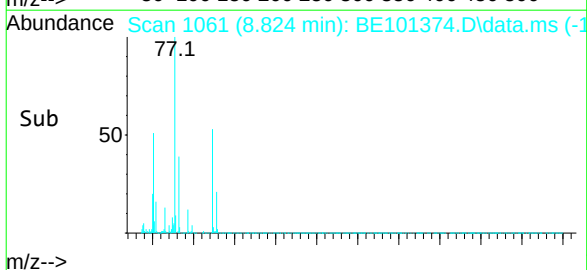
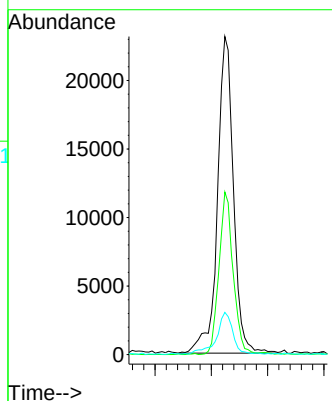
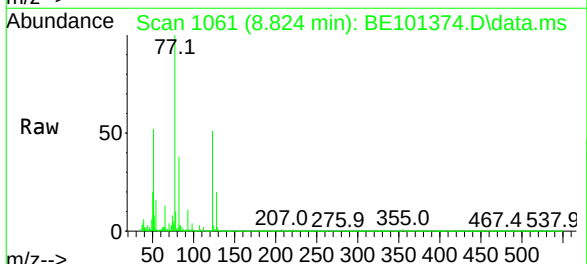
Manual Integrations
APPROVED

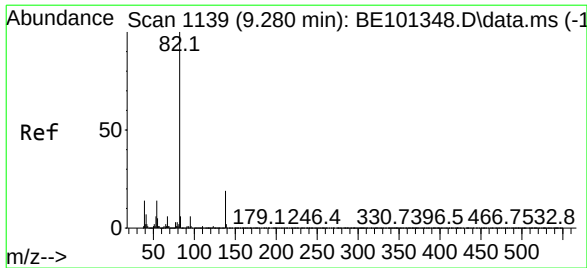
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#24
Nitrobenzene
Concen: 4.053 ng
RT: 8.824 min Scan# 1061
Delta R.T. -0.003 min
Lab File: BE101374.D
Acq: 19 Sep 2024 11:43

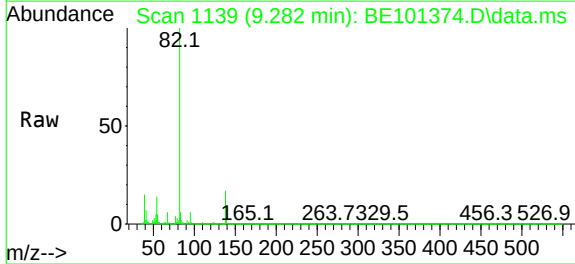
Tgt Ion: 77 Resp: 45562
Ion Ratio Lower Upper
77 100
123 51.1 39.0 58.4
65 13.3 10.2 15.4





#25
Isophorone
Concen: 3.666 ng
RT: 9.282 min Scan# 1139
Delta R.T. 0.003 min
Lab File: BE101374.D
Acq: 19 Sep 2024 11:43

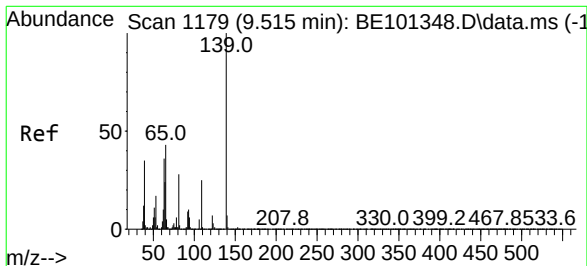
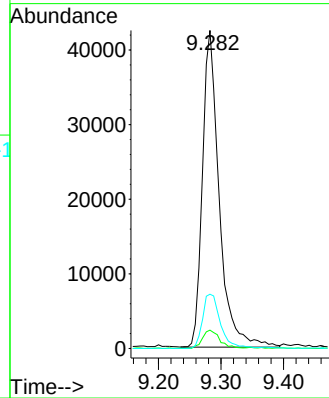
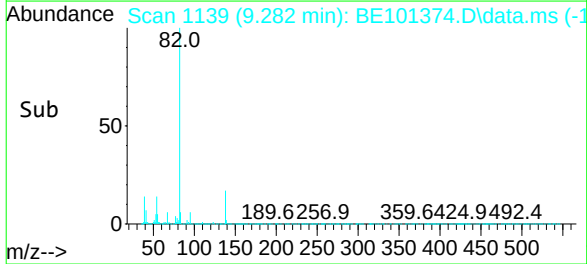
Instrument :
BNA_E
ClientSampleId :
MDL-WATER-03-QT2-2024



Tgt Ion: 82 Resp: 79022
Ion Ratio Lower Upper
82 100
95 5.8 5.2 7.8
138 17.1 15.0 22.6

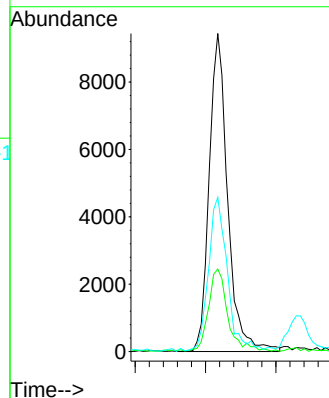
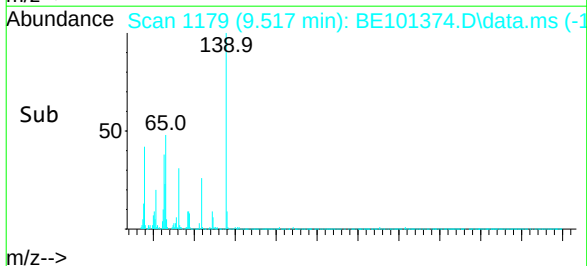
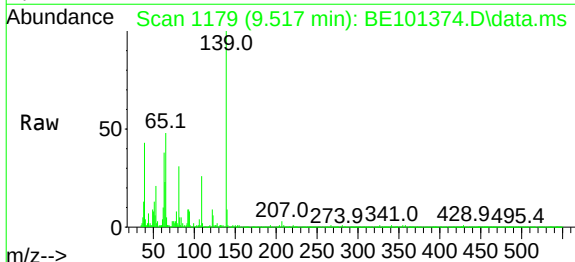
Manual Integrations
APPROVED

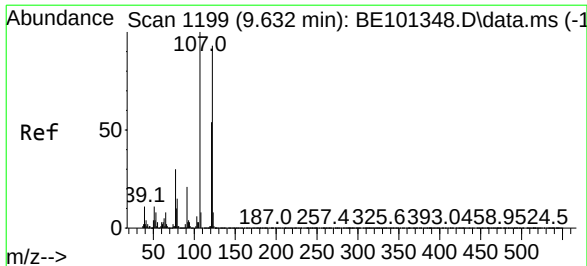
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#26
2-Nitrophenol
Concen: 3.237 ng
RT: 9.517 min Scan# 1179
Delta R.T. 0.003 min
Lab File: BE101374.D
Acq: 19 Sep 2024 11:43

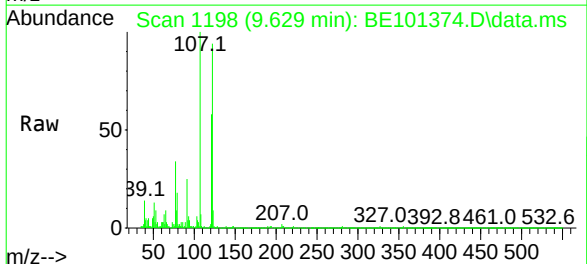
Tgt Ion:139 Resp: 17175
Ion Ratio Lower Upper
139 100
109 26.0 19.8 29.6
65 48.5 34.6 52.0





#27
2,4-Dimethylphenol
Concen: 3.045 ng
RT: 9.629 min Scan# 1199
Delta R.T. -0.003 min
Lab File: BE101374.D
Acq: 19 Sep 2024 11:43

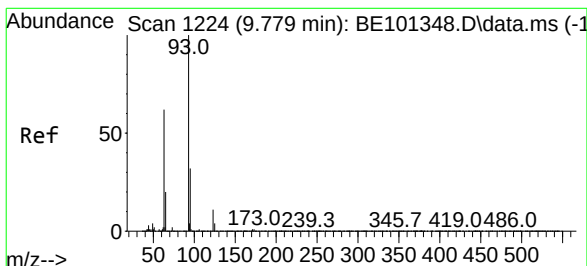
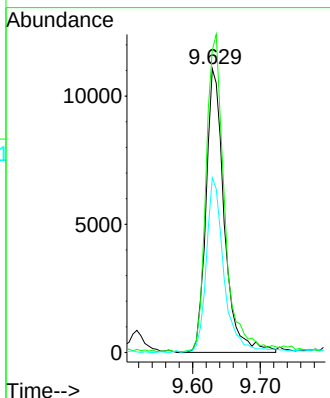
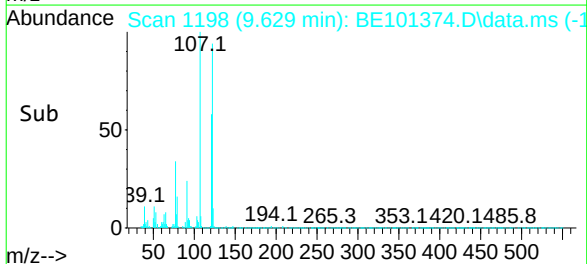
Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT2-2024



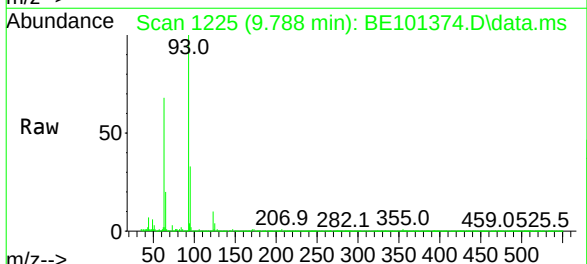
Tgt Ion: 122 Resp: 20744
Ion Ratio Lower Upper
122 100
107 106.6 86.4 129.6
121 61.6 46.3 69.5

Manual Integrations
APPROVED

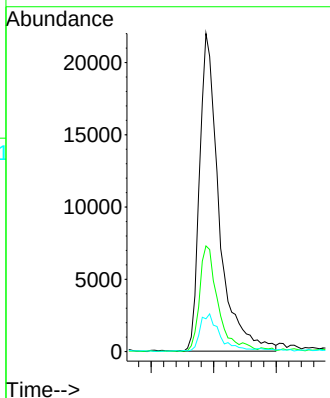
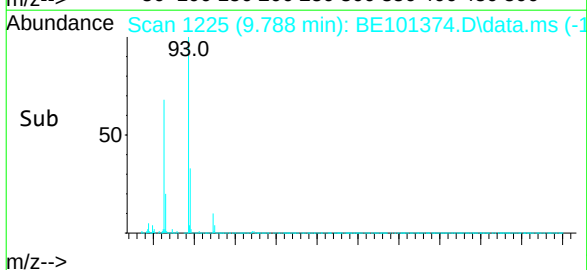
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

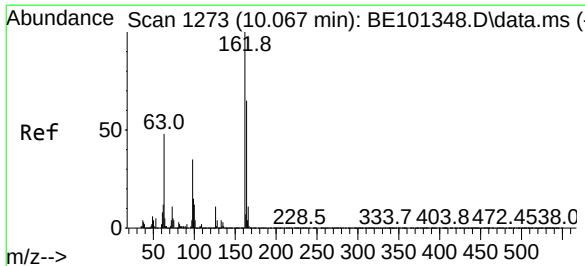


#28
bis(2-Chloroethoxy)methane
Concen: 3.657 ng
RT: 9.788 min Scan# 1225
Delta R.T. 0.008 min
Lab File: BE101374.D
Acq: 19 Sep 2024 11:43



Tgt Ion: 93 Resp: 47681
Ion Ratio Lower Upper
93 100
95 33.2 26.0 39.0
123 10.3 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 3.494 ng

RT: 10.064 min Scan# 1273

Delta R.T. -0.003 min

Lab File: BE101374.D

Acq: 19 Sep 2024 11:43

Instrument :

BNA_E

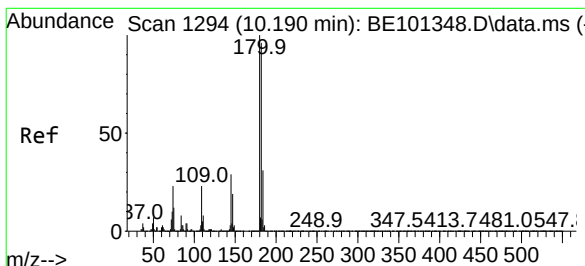
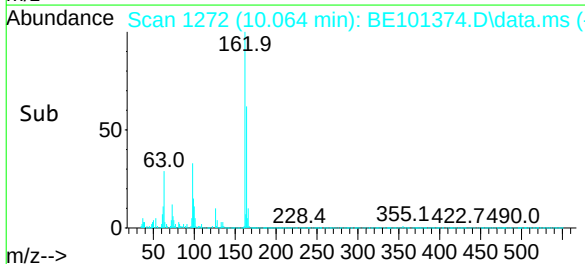
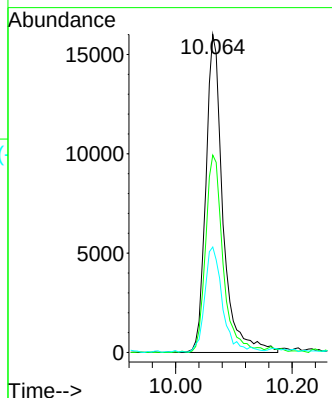
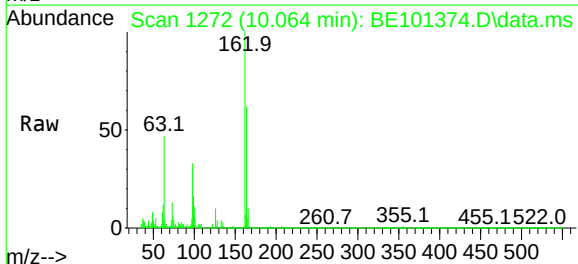
ClientSampleId :

MDL-WATER-03-QT2-2024

Tgt Ion:	162	Resp:	32591
Ion Ratio	Lower	Upper	
162	100		
164	62.1	44.6	84.6
98	33.2	14.7	54.7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#30

1,2,4-Trichlorobenzene

Concen: 3.938 ng

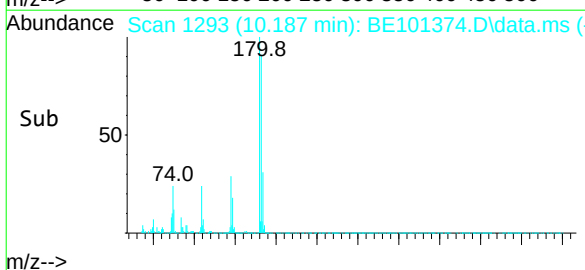
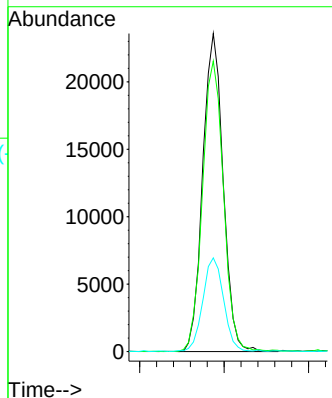
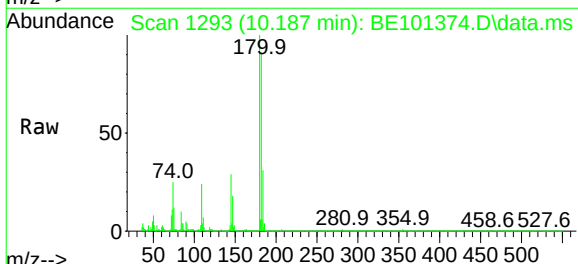
RT: 10.187 min Scan# 1293

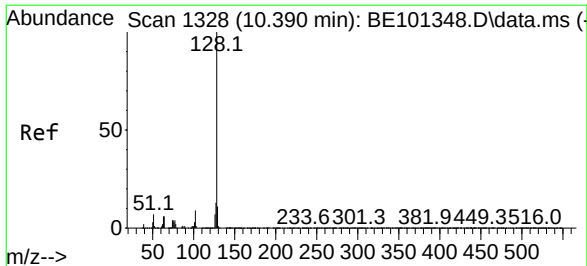
Delta R.T. -0.003 min

Lab File: BE101374.D

Acq: 19 Sep 2024 11:43

Tgt Ion:	180	Resp:	39695
Ion Ratio	Lower	Upper	
180	100		
182	91.4	76.6	114.8
145	29.5	23.5	35.3





#31

Naphthalene

Concen: 3.977 ng

RT: 10.387 min Scan# 13

Delta R.T. -0.003 min

Lab File: BE101374.D

Acq: 19 Sep 2024 11:43

Instrument :

BNA_E

ClientSampleId :

MDL-WATER-03-QT2-2024

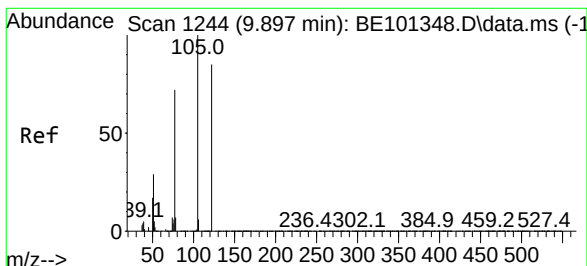
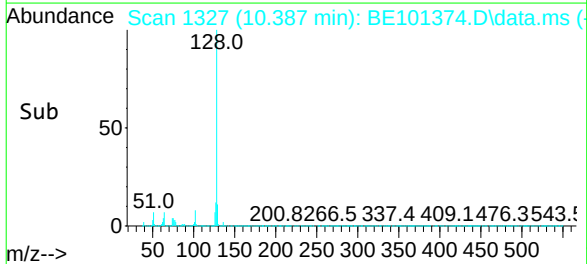
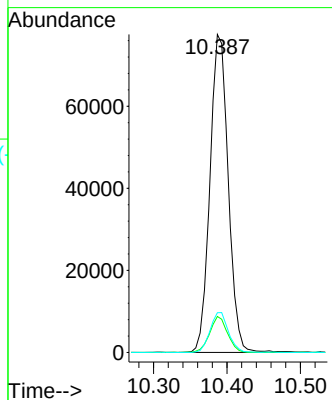
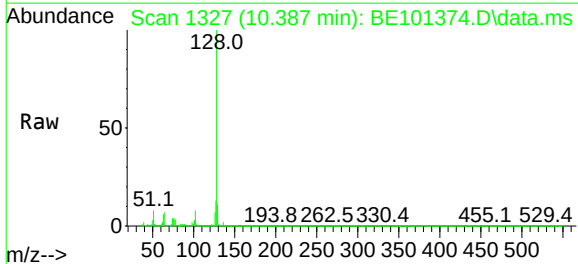
Tgt	Ion	128	Resp:	133962
Ion	Ratio	Lower	Upper	
128	100			
129	11.3	8.8	13.2	
127	12.5	10.3	15.5	

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#32

Benzoic acid

Concen: 8.539 ng m

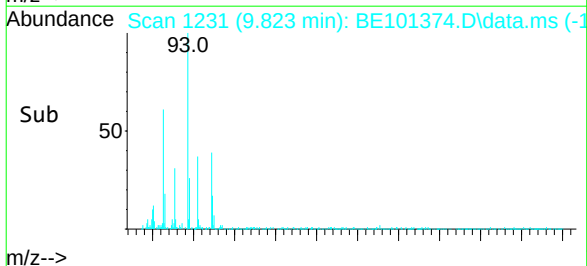
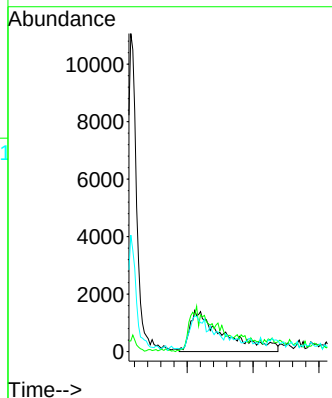
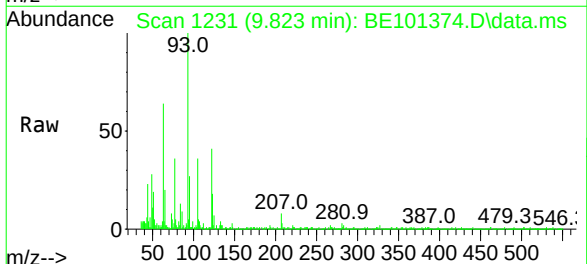
RT: 9.823 min Scan# 1231

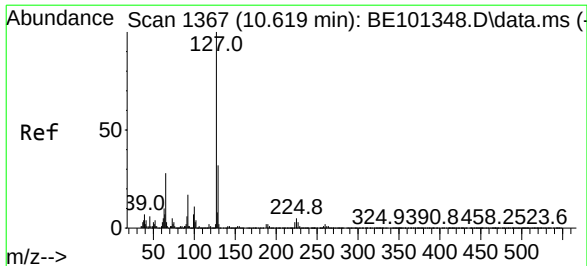
Delta R.T. -0.074 min

Lab File: BE101374.D

Acq: 19 Sep 2024 11:43

Tgt	Ion	122	Resp:	10248
Ion	Ratio	Lower	Upper	
122	100			
105	88.5	96.7	136.7#	
77	86.5	64.8	104.8	





#33

4-Chloroaniline

Concen: 3.580 ng

RT: 10.622 min Scan# 13

Delta R.T. 0.003 min

Lab File: BE101374.D

Acq: 19 Sep 2024 11:43

Instrument :

BNA_E

ClientSampleId :

MDL-WATER-03-QT2-2024

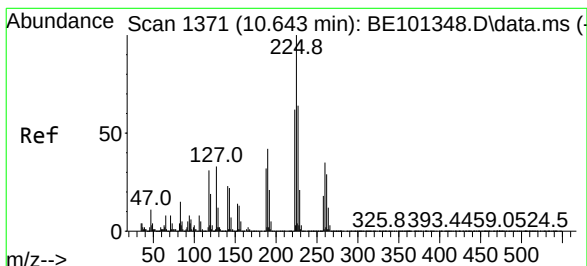
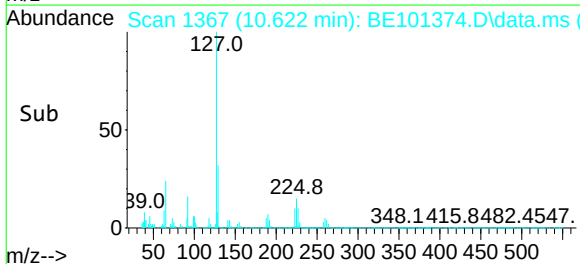
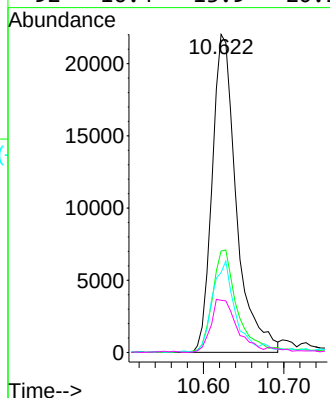
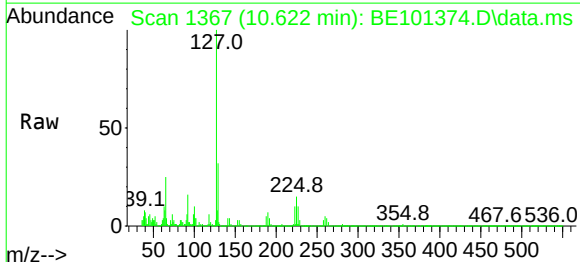
Tgt Ion:	127	Resp:	46135
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.8	38.8
65	25.2	22.5	33.7
92	16.4	13.9	20.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#34

Hexachlorobutadiene

Concen: 3.860 ng

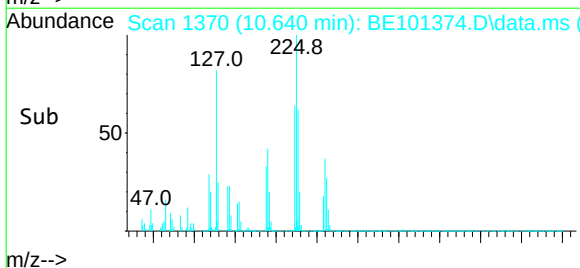
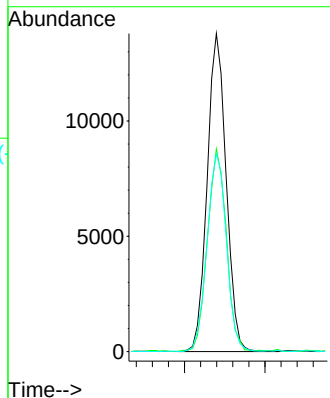
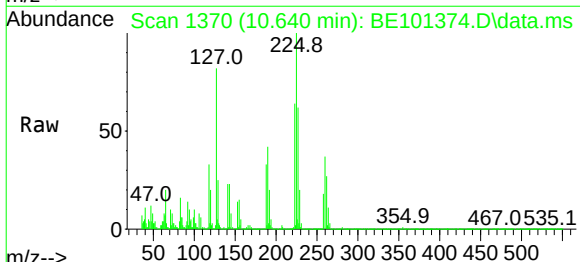
RT: 10.640 min Scan# 1370

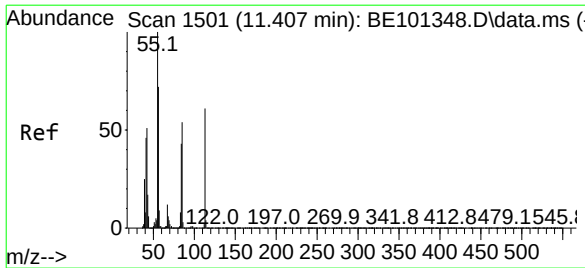
Delta R.T. -0.003 min

Lab File: BE101374.D

Acq: 19 Sep 2024 11:43

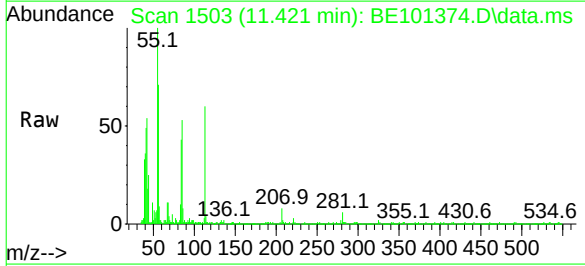
Tgt Ion:	225	Resp:	22607
Ion	Ratio	Lower	Upper
225	100		
223	65.7	49.8	74.8
227	62.2	51.3	76.9





#35
Caprolactam
Concen: 2.826 ng m
RT: 11.421 min Scan# 1501
Delta R.T. 0.014 min
Lab File: BE101374.D
Acq: 19 Sep 2024 11:43

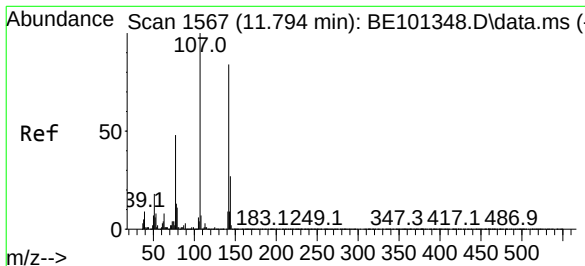
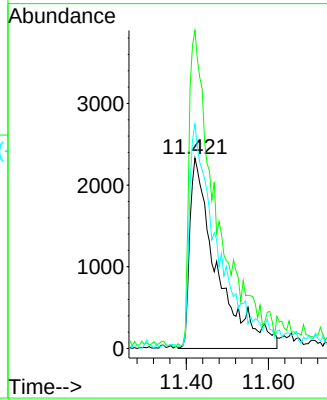
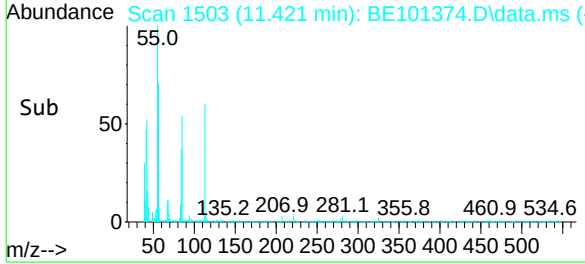
Instrument :
BNA_E
ClientSampleId :
MDL-WATER-03-QT2-2024



Tgt Ion:113 Resp: 10648
Ion Ratio Lower Upper
113 100
55 167.1 144.8 184.8
56 118.0 99.3 139.3

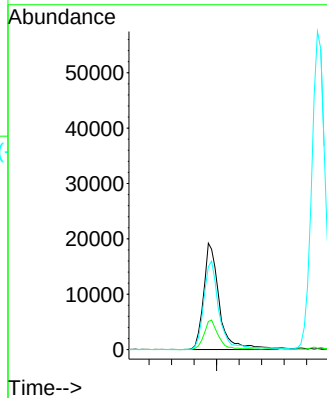
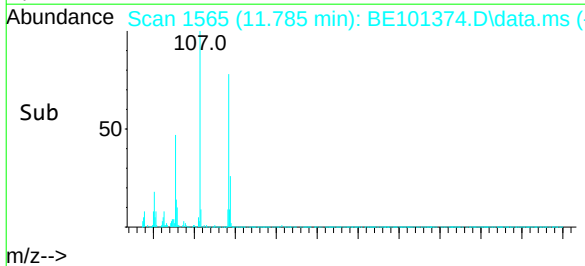
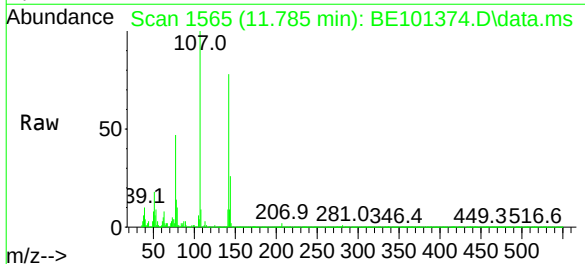
Manual Integrations
APPROVED

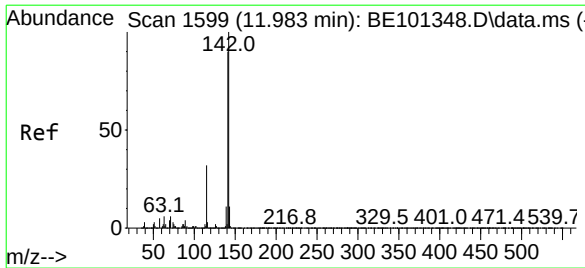
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#36
4-Chloro-3-methylphenol
Concen: 3.373 ng
RT: 11.785 min Scan# 1565
Delta R.T. -0.009 min
Lab File: BE101374.D
Acq: 19 Sep 2024 11:43

Tgt Ion:107 Resp: 37175
Ion Ratio Lower Upper
107 100
144 26.4 21.9 32.9
142 77.7 67.4 101.2





#37

2-Methylnaphthalene

Concen: 3.880 ng

RT: 11.979 min Scan# 1599

Delta R.T. -0.003 min

Lab File: BE101374.D

Acq: 19 Sep 2024 11:43

Instrument :

BNA_E

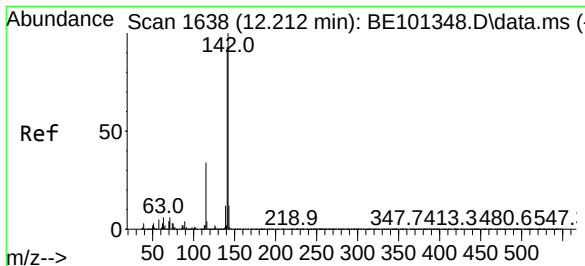
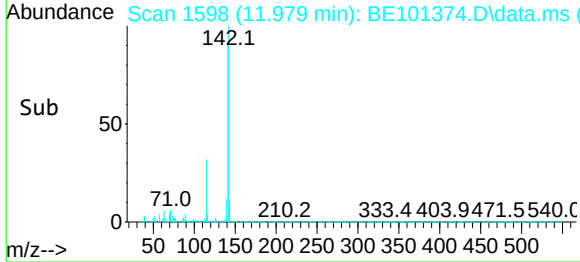
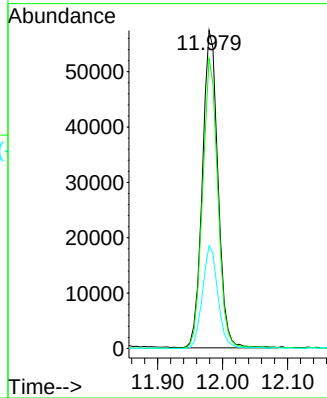
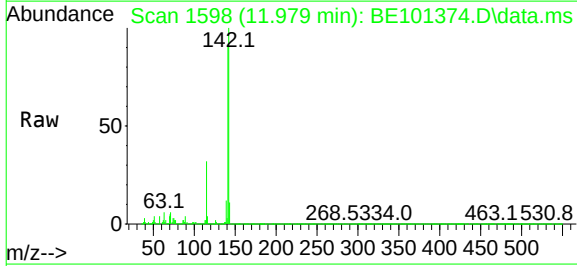
ClientSampleId :

MDL-WATER-03-QT2-2024

Tgt Ion:	142	Resp:	95580
Ion Ratio	Lower	Upper	
142	100		
141	91.2	71.8	107.6
115	32.3	25.6	38.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#38

1-Methylnaphthalene

Concen: 3.657 ng

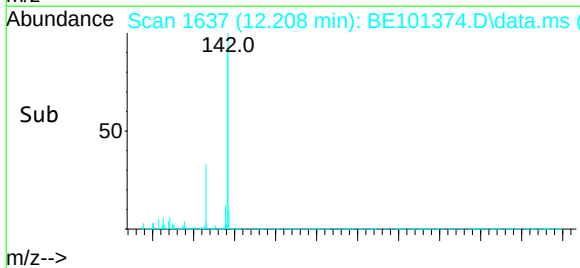
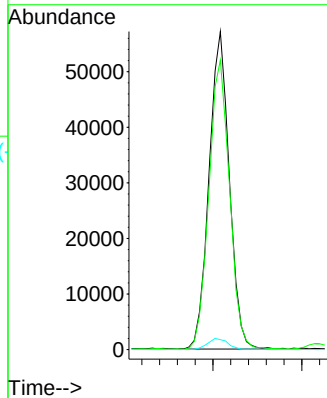
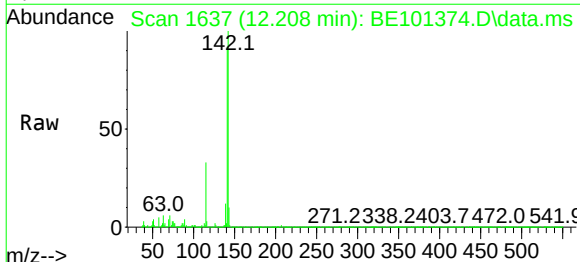
RT: 12.208 min Scan# 1637

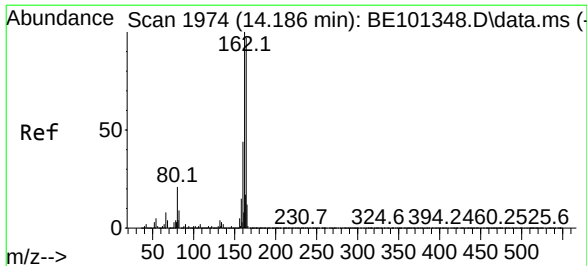
Delta R.T. -0.003 min

Lab File: BE101374.D

Acq: 19 Sep 2024 11:43

Tgt Ion:	142	Resp:	90372
Ion Ratio	Lower	Upper	
142	100		
141	91.0	74.3	111.5
116	3.1	2.9	4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.182 min Scan# 19

Delta R.T. -0.004 min

Lab File: BE101374.D

Acq: 19 Sep 2024 11:43

Instrument :

BNA_E

ClientSampleId :

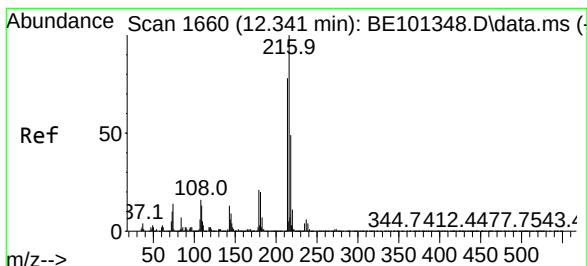
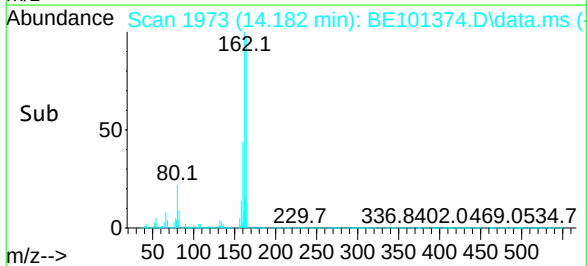
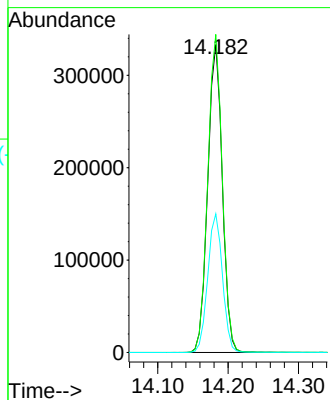
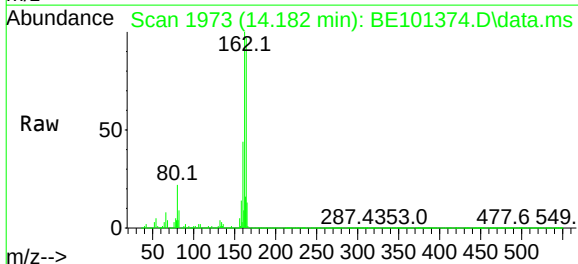
MDL-WATER-03-QT2-2024

Tgt Ion:	164	Resp:	479436
Ion Ratio	Lower	Upper	
164	100		
162	103.3	82.6	123.8
160	45.0	36.1	54.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 4.053 ng

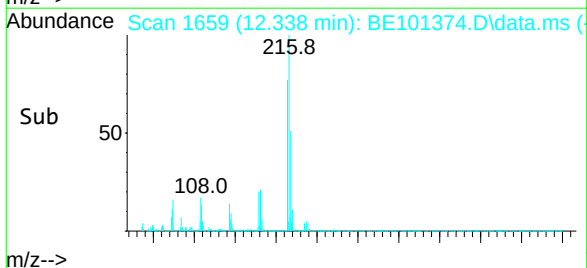
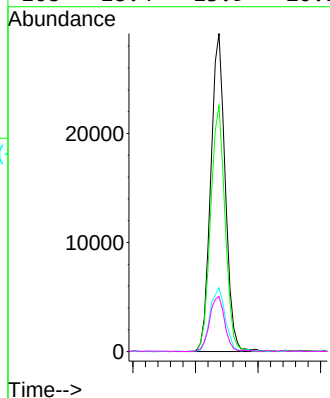
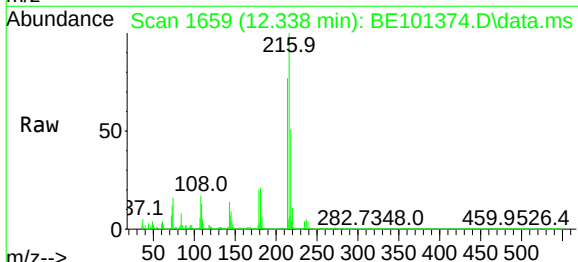
RT: 12.338 min Scan# 1659

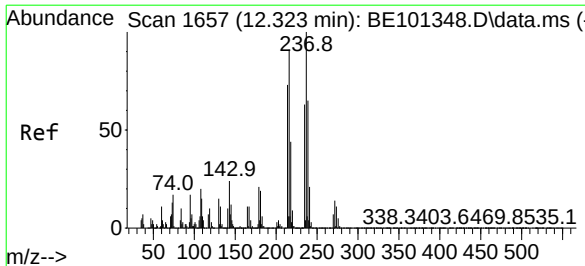
Delta R.T. -0.003 min

Lab File: BE101374.D

Acq: 19 Sep 2024 11:43

Tgt Ion:	216	Resp:	46811
Ion Ratio	Lower	Upper	
216	100		
214	77.1	62.6	94.0
179	21.1	16.9	25.3
108	18.4	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 3.245 ng

RT: 12.320 min Scan# 1657

Delta R.T. -0.003 min

Lab File: BE101374.D

Acq: 19 Sep 2024 11:43

Instrument :

BNA_E

ClientSampleId :

MDL-WATER-03-QT2-2024

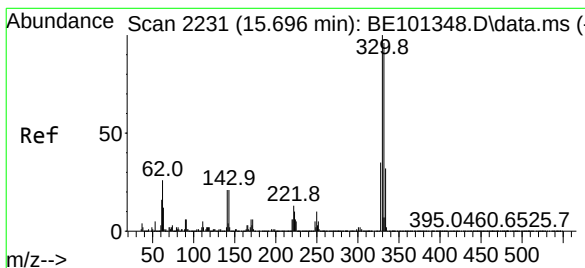
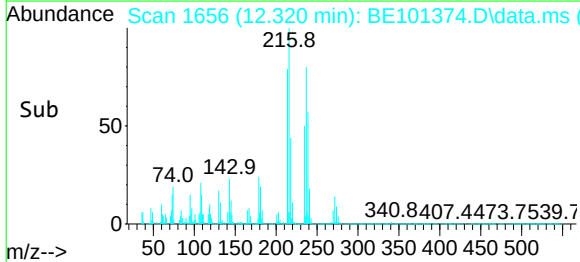
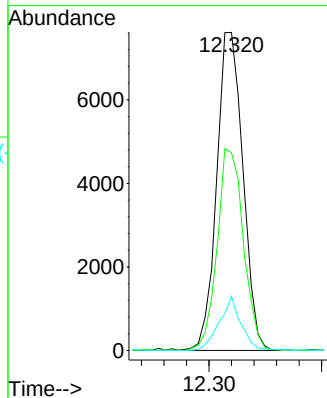
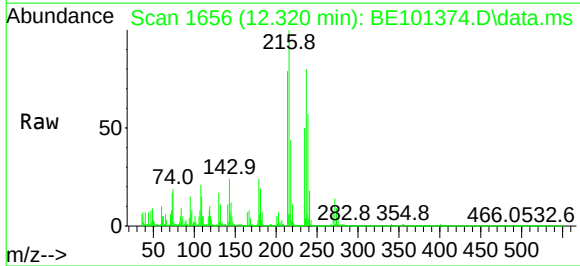
Tgt	Ion	237	Resp:	12314
Ion	Ratio	Lower	Upper	
237	100			
235	62.1	42.9	82.9	
272	17.0	0.0	34.0	

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#42

2,4,6-Tribromophenol

Concen: 127.344 ng

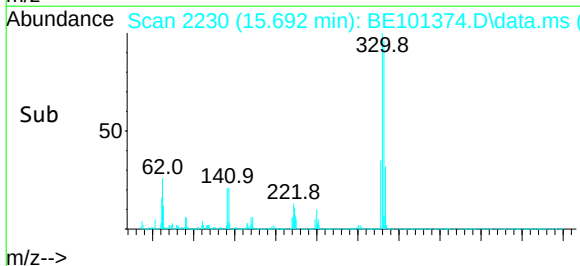
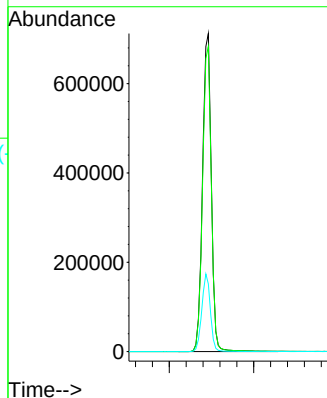
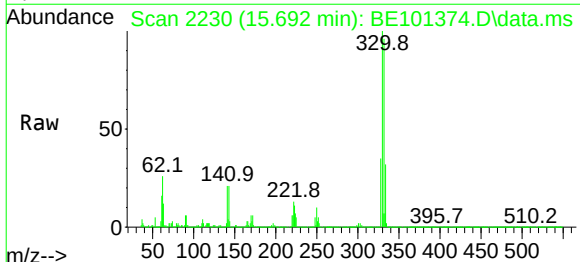
RT: 15.692 min Scan# 2230

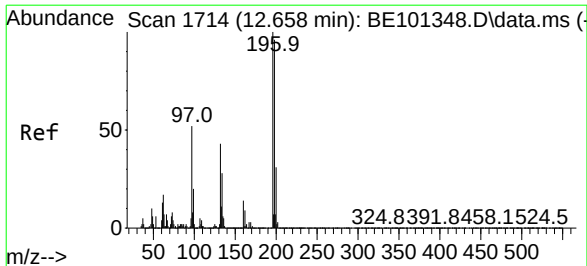
Delta R.T. -0.003 min

Lab File: BE101374.D

Acq: 19 Sep 2024 11:43

Tgt	Ion	330	Resp:	1026896
Ion	Ratio	Lower	Upper	
330	100			
332	96.5	77.8	116.8	
141	23.8	19.1	28.7	





#43

2,4,6-Trichlorophenol

Concen: 3.421 ng

RT: 12.655 min Scan# 1714

Delta R.T. -0.003 min

Lab File: BE101374.D

Acq: 19 Sep 2024 11:43

Instrument :

BNA_E

ClientSampleId :

MDL-WATER-03-QT2-2024

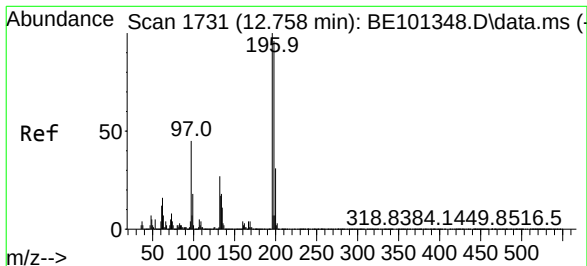
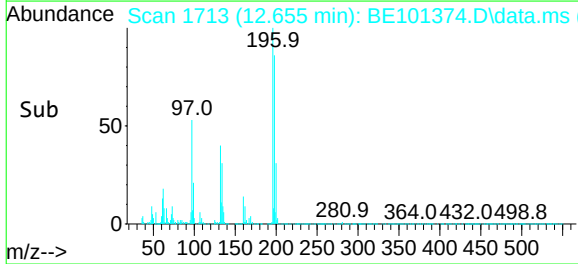
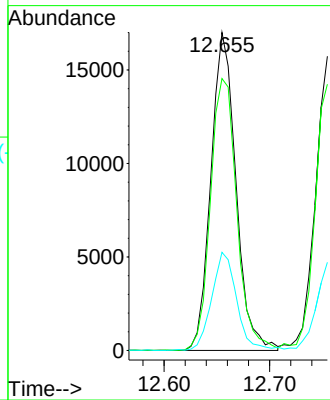
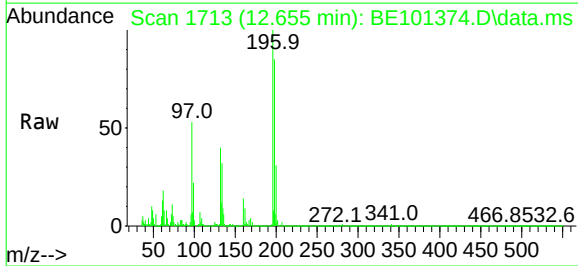
Tgt	Ion:	196	Resp:	27984
Ion	Ratio	Lower	Upper	
196	100			
198	85.5	76.8	115.2	
200	30.9	25.0	37.4	

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#44

2,4,5-Trichlorophenol

Concen: 3.270 ng

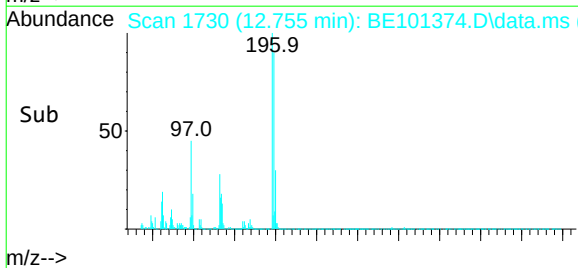
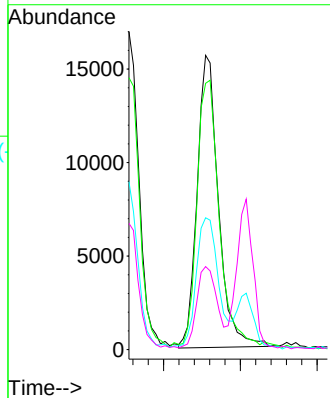
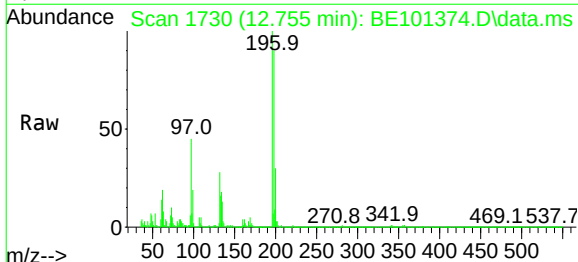
RT: 12.755 min Scan# 1730

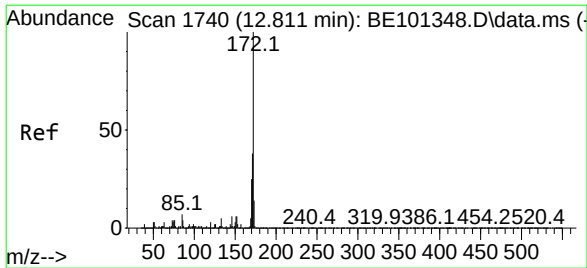
Delta R.T. -0.003 min

Lab File: BE101374.D

Acq: 19 Sep 2024 11:43

Tgt	Ion:	196	Resp:	30181
Ion	Ratio	Lower	Upper	
196	100			
198	90.5	76.9	115.3	
97	44.8	36.2	54.2	
132	28.2	22.0	33.0	





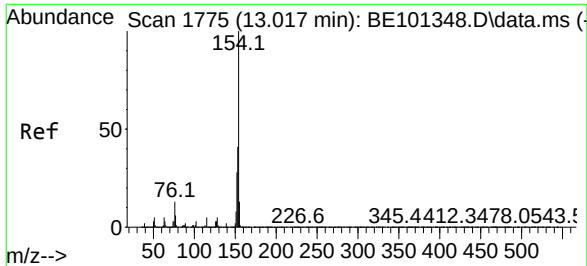
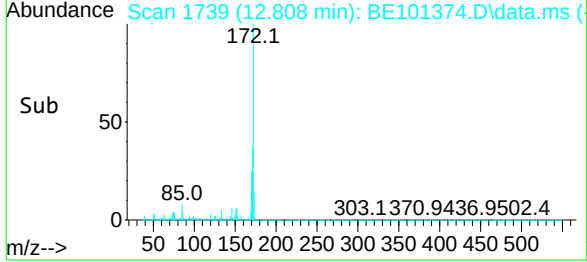
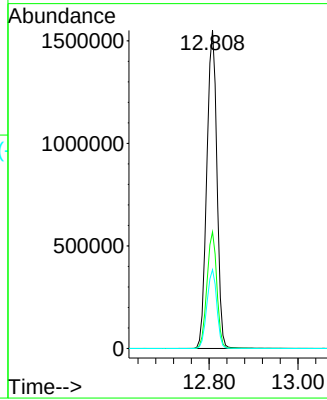
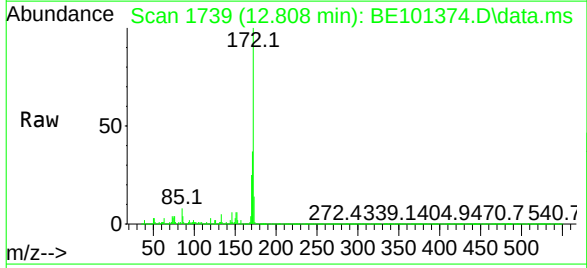
#45
2-Fluorobiphenyl
Concen: 88.424 ng
RT: 12.808 min Scan# 1740
Delta R.T. -0.003 min
Lab File: BE101374.D
Acq: 19 Sep 2024 11:43

Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT2-2024

Tgt Ion:172 Resp: 2453234
Ion Ratio Lower Upper
172 100
171 36.6 30.2 45.2
170 24.8 20.2 30.4

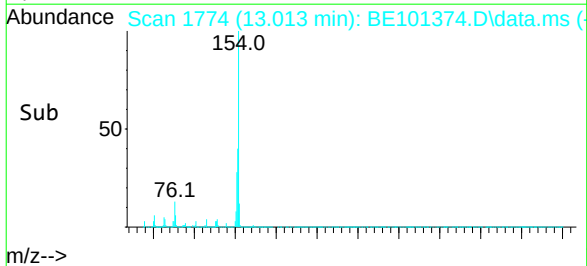
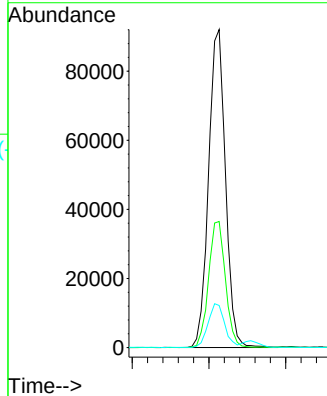
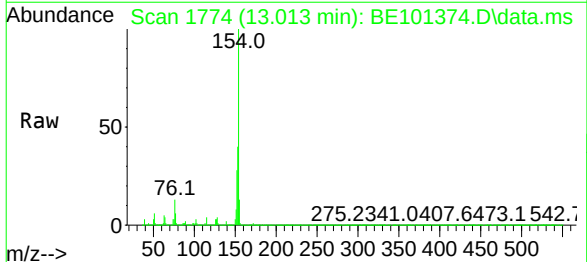
Manual Integrations
APPROVED

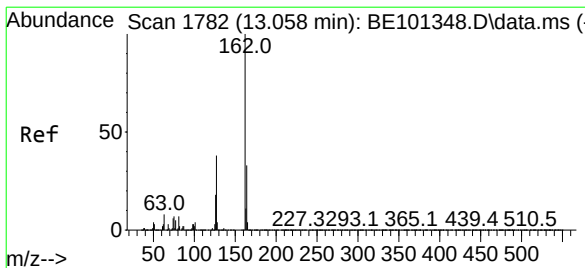
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#46
1,1'-Biphenyl
Concen: 4.326 ng
RT: 13.013 min Scan# 1774
Delta R.T. -0.003 min
Lab File: BE101374.D
Acq: 19 Sep 2024 11:43

Tgt Ion:154 Resp: 140549
Ion Ratio Lower Upper
154 100
153 39.7 21.2 61.2
76 13.2 0.0 33.4





#47

2-Chloronaphthalene

Concen: 3.906 ng

RT: 13.054 min Scan# 1782

Delta R.T. -0.003 min

Lab File: BE101374.D

Acq: 19 Sep 2024 11:43

Instrument :

BNA_E

ClientSampleId :

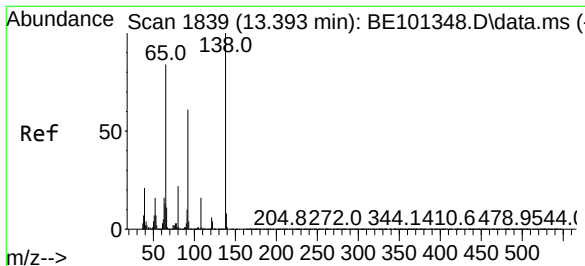
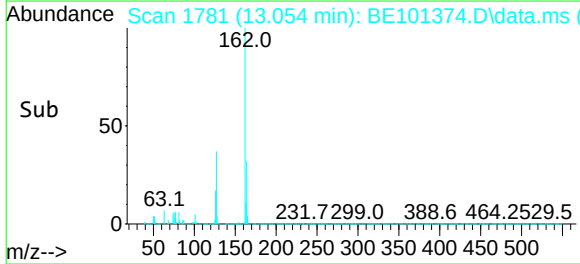
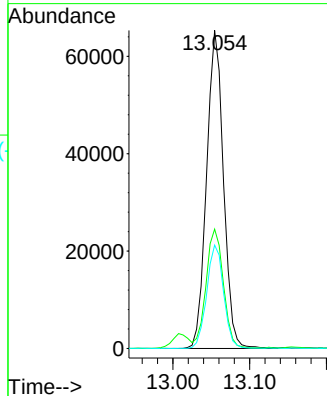
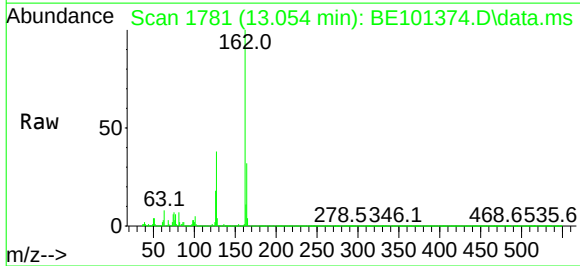
MDL-WATER-03-QT2-2024

Tgt	Ion:	162	Resp:	99817
Ion	Ratio	Lower	Upper	
162	100			
127	37.5	31.2	46.8	
164	32.5	26.2	39.2	

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#48

2-Nitroaniline

Concen: 2.918 ng

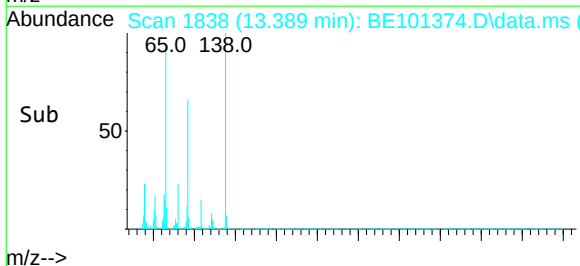
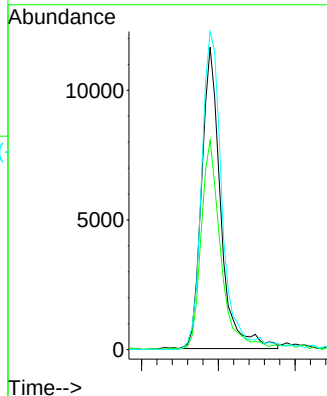
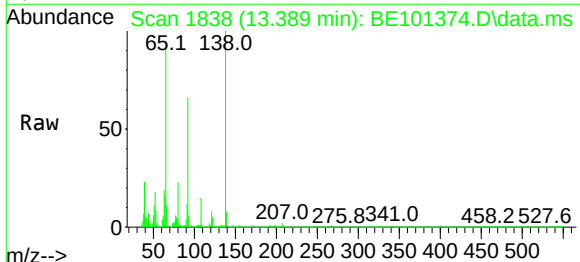
RT: 13.389 min Scan# 1838

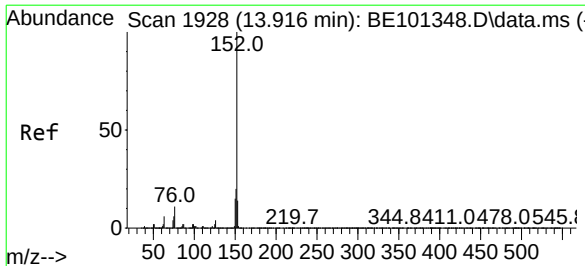
Delta R.T. -0.003 min

Lab File: BE101374.D

Acq: 19 Sep 2024 11:43

Tgt	Ion:	65	Resp:	20064
Ion	Ratio	Lower	Upper	
65	100			
92	69.3	58.3	87.5	
138	105.2	95.0	142.4	





#49

Acenaphthylene

Concen: 4.151 ng

RT: 13.912 min Scan# 19

Delta R.T. -0.003 min

Lab File: BE101374.D

Acq: 19 Sep 2024 11:43

Instrument :

BNA_E

ClientSampleId :

MDL-WATER-03-QT2-2024

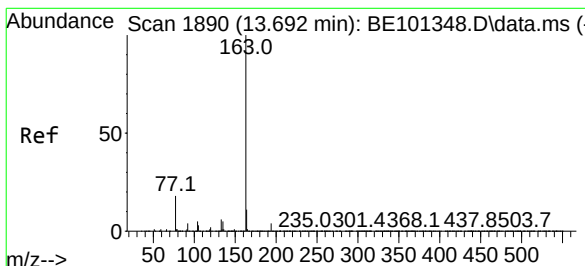
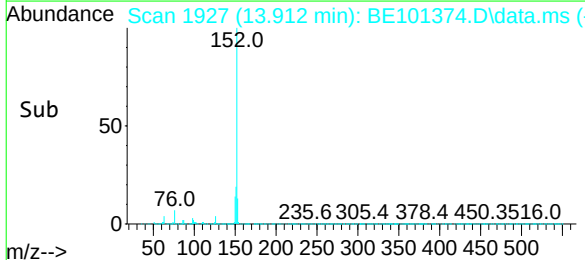
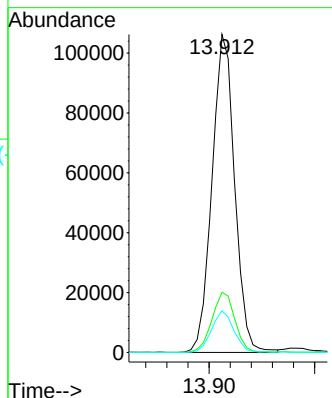
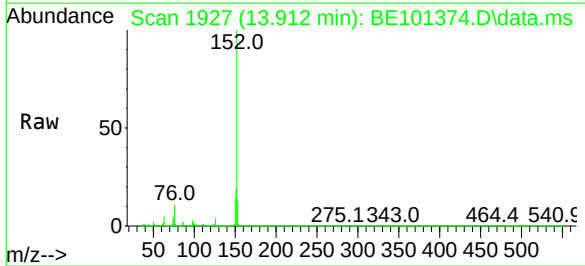
Tgt Ion:	152	Resp:	158307
Ion Ratio	Lower	Upper	
152	100		
151	18.9	16.4	24.6
153	13.1	11.1	16.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#50

Dimethylphthalate

Concen: 3.916 ng

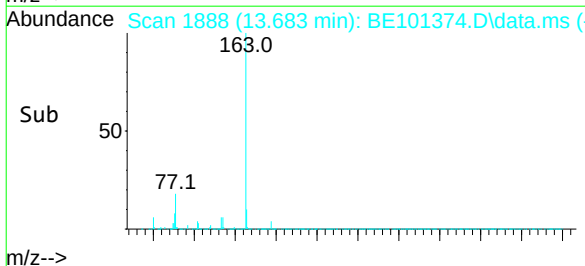
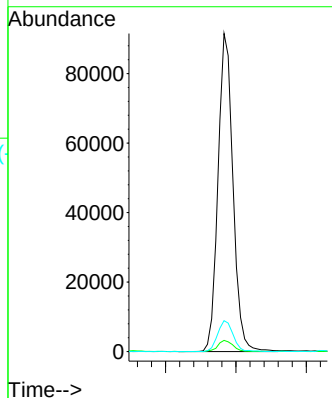
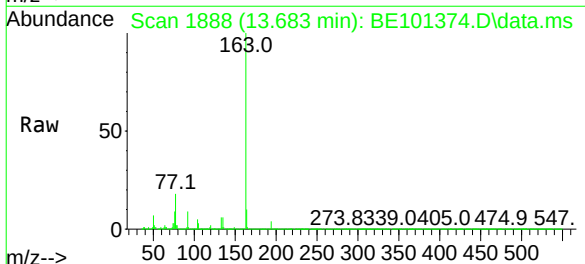
RT: 13.683 min Scan# 1888

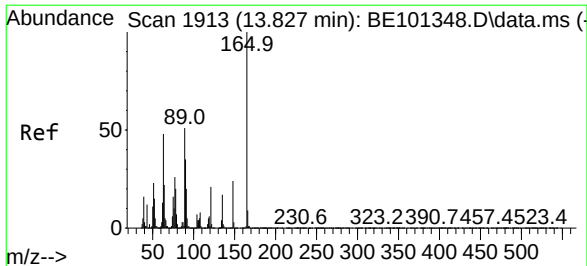
Delta R.T. -0.009 min

Lab File: BE101374.D

Acq: 19 Sep 2024 11:43

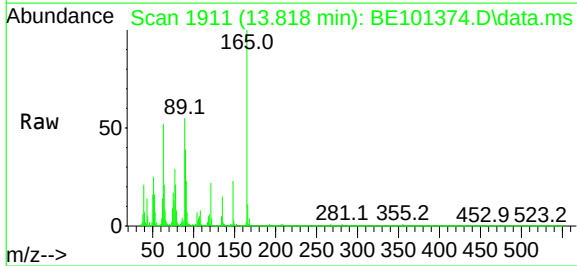
Tgt Ion:	163	Resp:	135467
Ion Ratio	Lower	Upper	
163	100		
194	3.5	3.0	4.4
164	9.7	8.5	12.7





#51
2,6-Dinitrotoluene
Concen: 3.101 ng
RT: 13.818 min Scan# 1911
Delta R.T. -0.009 min
Lab File: BE101374.D
Acq: 19 Sep 2024 11:43

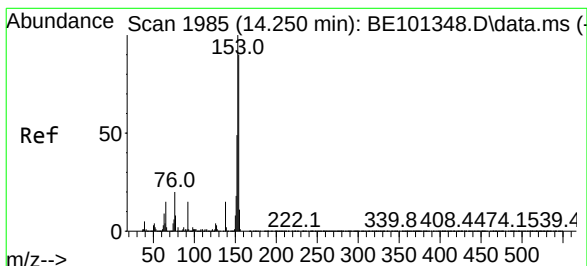
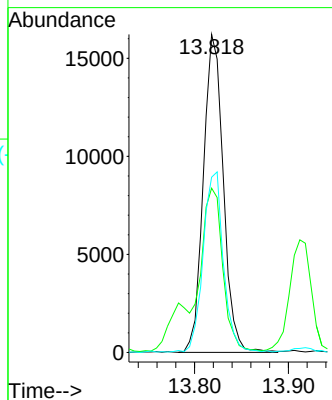
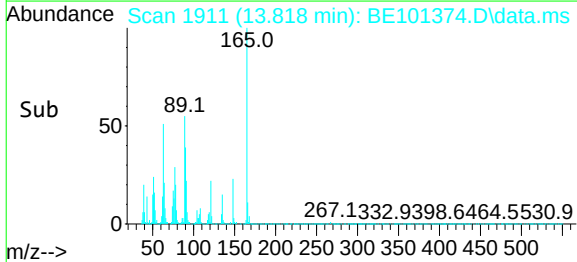
Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT2-2024



Tgt Ion: 165 Resp: 24010
Ion Ratio Lower Upper
165 100
63 51.7 38.5 57.7
89 55.1 40.5 60.7

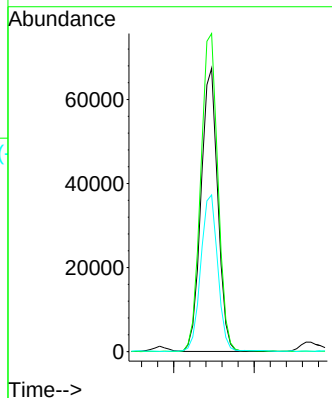
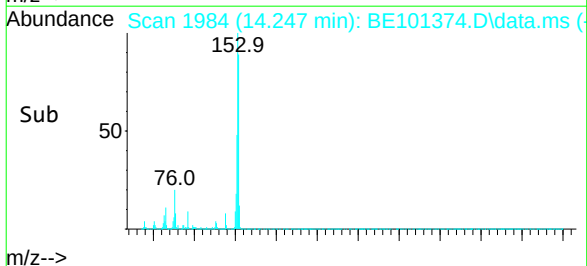
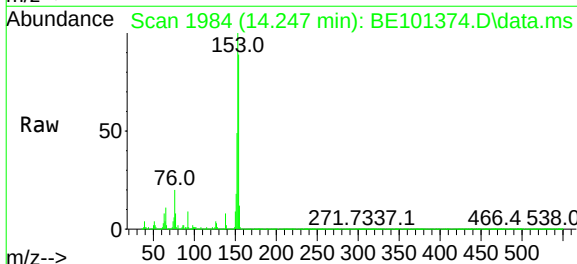
Manual Integrations
APPROVED

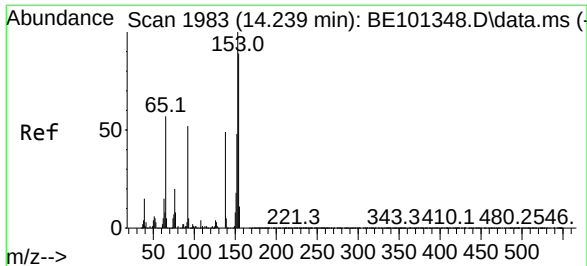
Reviewed By : Yogesh Patel 09/21/2024
Supervised By : mohammad ahmed 09/22/2024



#52
Acenaphthene
Concen: 3.869 ng
RT: 14.247 min Scan# 1984
Delta R.T. -0.003 min
Lab File: BE101374.D
Acq: 19 Sep 2024 11:43

Tgt Ion: 154 Resp: 97270
Ion Ratio Lower Upper
154 100
153 112.3 88.8 133.2
152 55.3 43.2 64.8





#53

3-Nitroaniline

Concen: 2.908 ng

RT: 14.235 min Scan# 1983

Delta R.T. -0.003 min

Lab File: BE101374.D

Acq: 19 Sep 2024 11:43

Instrument :

BNA_E

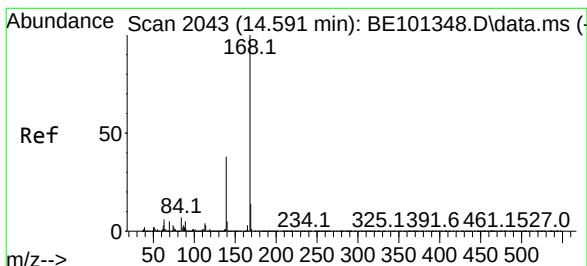
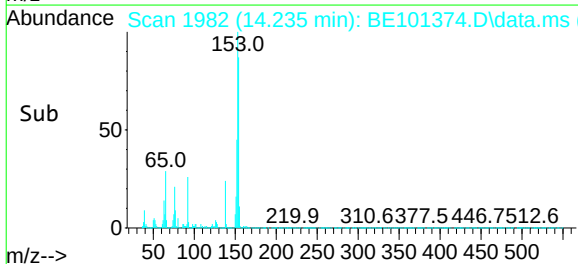
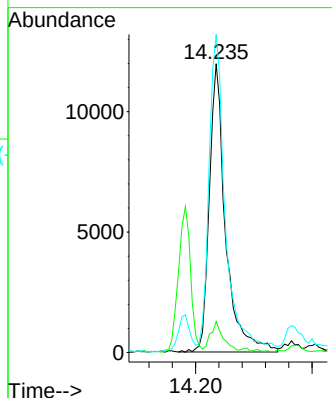
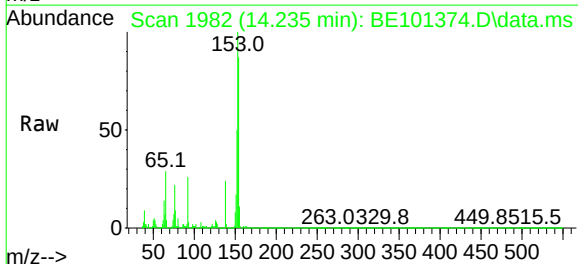
ClientSampleId :

MDL-WATER-03-QT2-2024

Tgt Ion:	138	Resp:	23163
Ion Ratio	Lower	Upper	
138	100		
108	10.7	7.2	10.8
92	110.1	85.7	128.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#55

Dibenzofuran

Concen: 4.117 ng

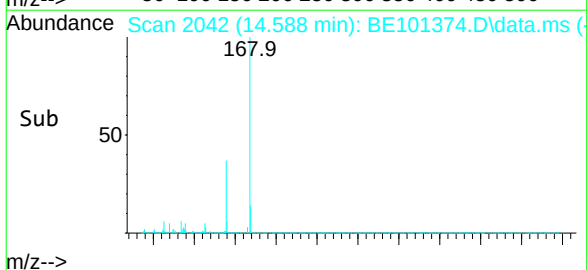
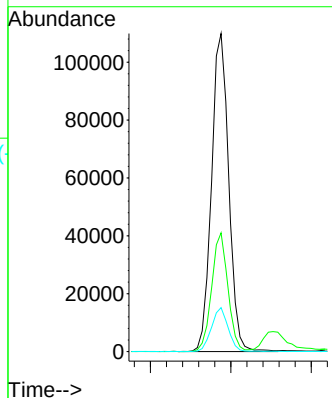
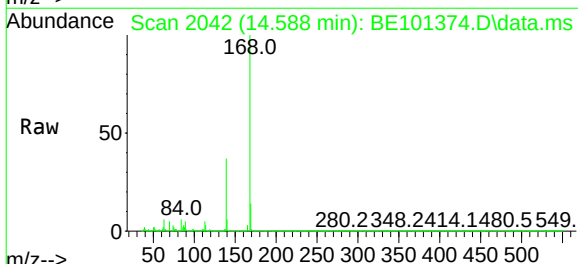
RT: 14.588 min Scan# 2042

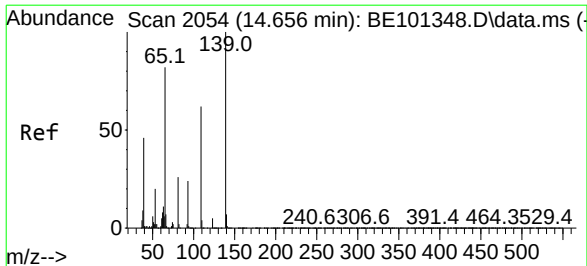
Delta R.T. -0.003 min

Lab File: BE101374.D

Acq: 19 Sep 2024 11:43

Tgt Ion:	168	Resp:	163480
Ion Ratio	Lower	Upper	
168	100		
139	37.3	30.5	45.7
169	13.8	11.4	17.2





#56

4-Nitrophenol

Concen: 2.629 ng m

RT: 14.653 min Scan# 20

Delta R.T. -0.003 min

Lab File: BE101374.D

Acq: 19 Sep 2024 11:43

Instrument :

BNA_E

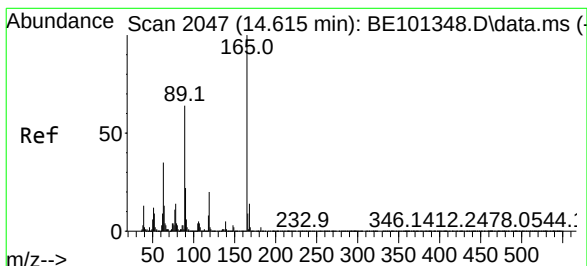
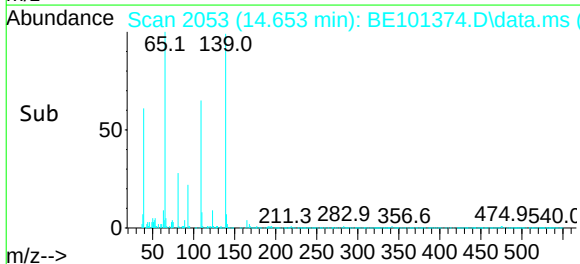
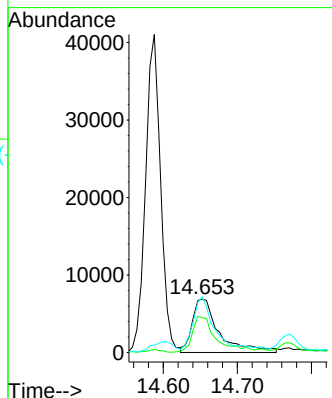
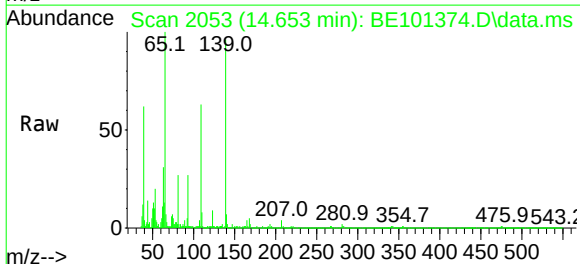
ClientSampleId :

MDL-WATER-03-QT2-2024

Tgt	Ion:139	Resp:	17408
Ion	Ratio	Lower	Upper
139	100		
109	65.1	41.9	81.9
65	103.7	63.0	103.0#

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#57

2,4-Dinitrotoluene

Concen: 2.770 ng

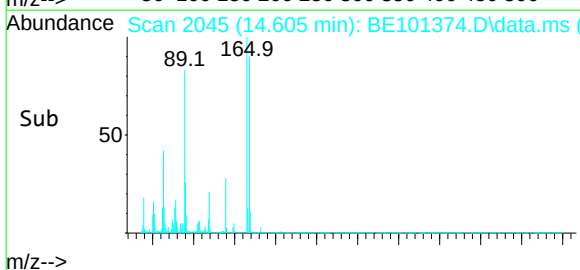
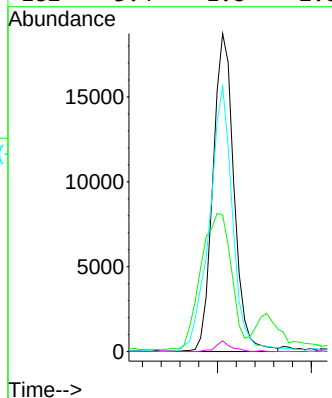
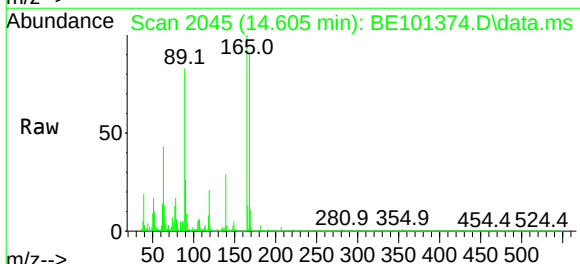
RT: 14.605 min Scan# 2045

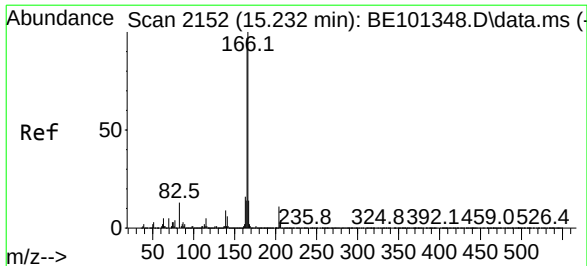
Delta R.T. -0.009 min

Lab File: BE101374.D

Acq: 19 Sep 2024 11:43

Tgt	Ion:165	Resp:	29200
Ion	Ratio	Lower	Upper
165	100		
63	42.9	28.4	42.6#
89	83.4	51.0	76.4#
182	3.4	1.8	2.8#





#58

Fluorene

Concen: 3.933 ng

RT: 15.222 min Scan# 2152

Delta R.T. -0.009 min

Lab File: BE101374.D

Acq: 19 Sep 2024 11:43

Instrument :

BNA_E

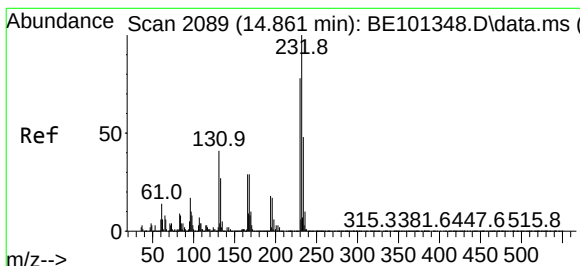
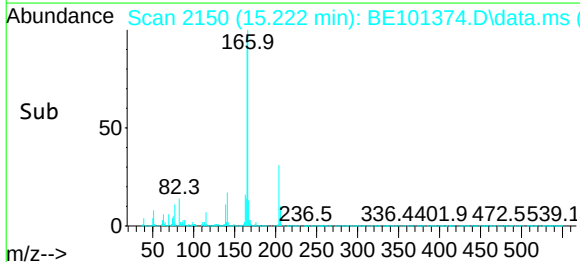
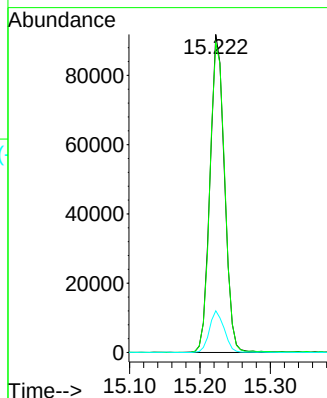
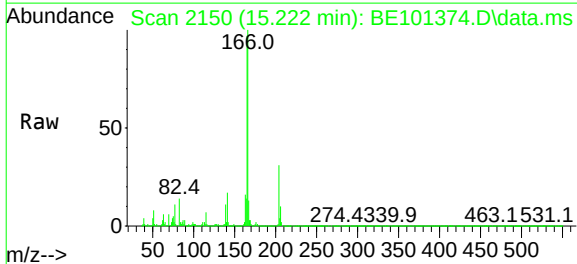
ClientSampleId :

MDL-WATER-03-QT2-2024

Tgt Ion:	166	Resp:	131585
Ion Ratio	Lower	Upper	
166	100		
165	97.3	77.8	116.8
167	13.1	11.0	16.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#59

2,3,4,6-Tetrachlorophenol

Concen: 3.499 ng

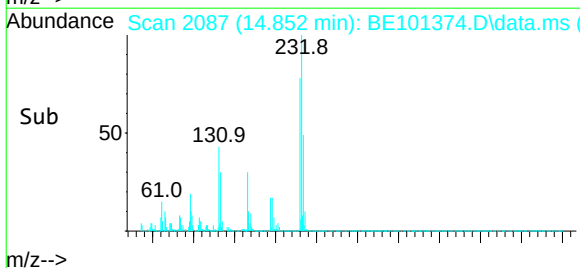
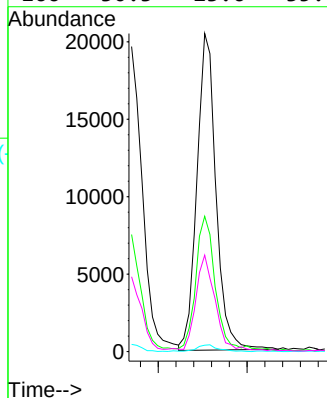
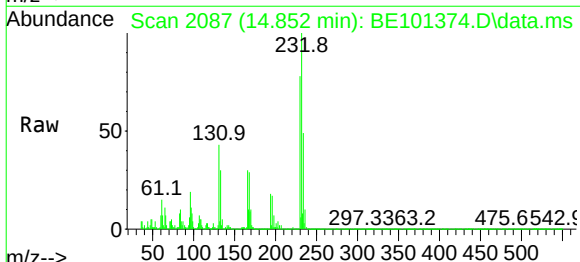
RT: 14.852 min Scan# 2087

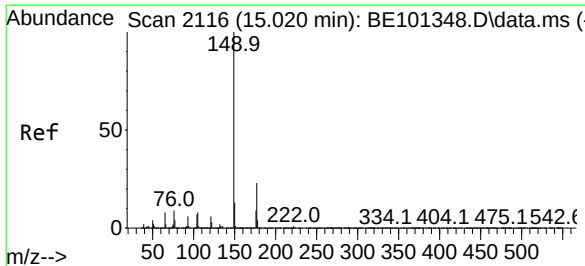
Delta R.T. -0.009 min

Lab File: BE101374.D

Acq: 19 Sep 2024 11:43

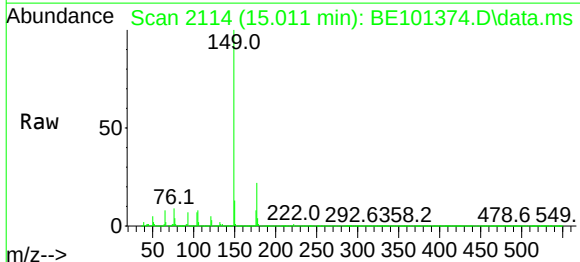
Tgt Ion:	232	Resp:	30537
Ion Ratio	Lower	Upper	
232	100		
131	44.1	34.2	51.4
130	2.4	1.8	2.6
166	30.3	23.6	35.4





#60
Diethylphthalate
Concen: 3.869 ng
RT: 15.011 min Scan# 2116
Delta R.T. -0.009 min
Lab File: BE101374.D
Acq: 19 Sep 2024 11:43

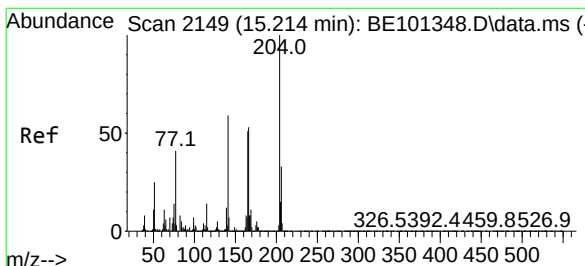
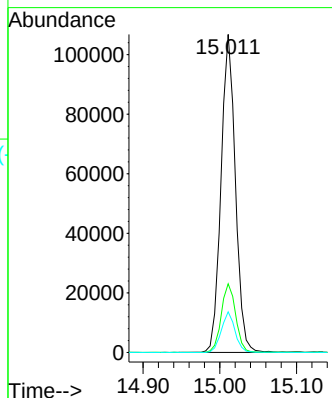
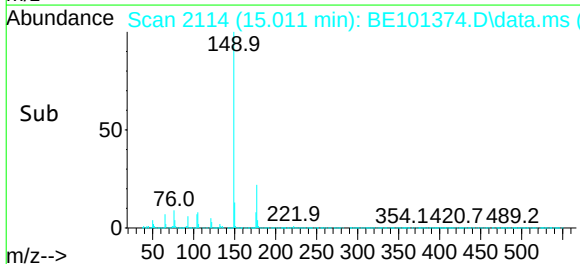
Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT2-2024



Tgt Ion:	149	Resp:	138858
Ion Ratio	Lower	Upper	
149	100		
177	21.6	18.4	27.6
150	12.8	10.0	15.0

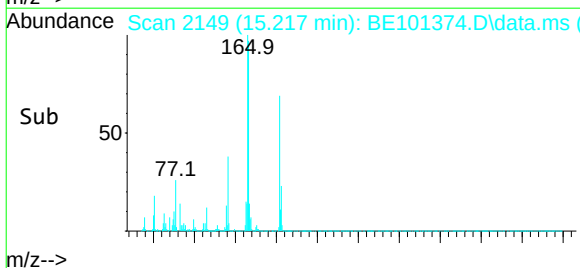
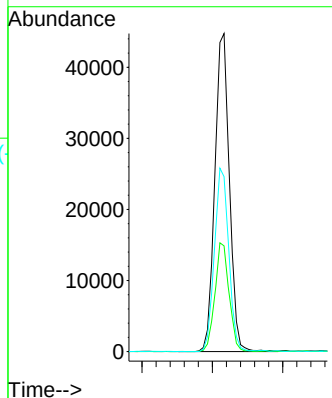
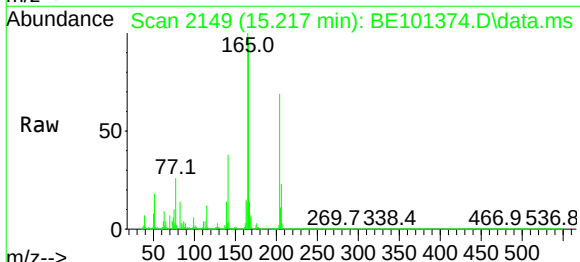
Manual Integrations
APPROVED

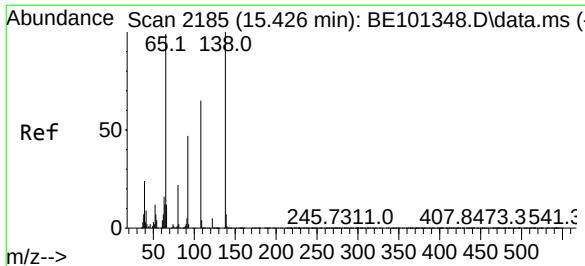
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#61
4-Chlorophenyl-phenylether
Concen: 3.919 ng
RT: 15.217 min Scan# 2149
Delta R.T. 0.003 min
Lab File: BE101374.D
Acq: 19 Sep 2024 11:43

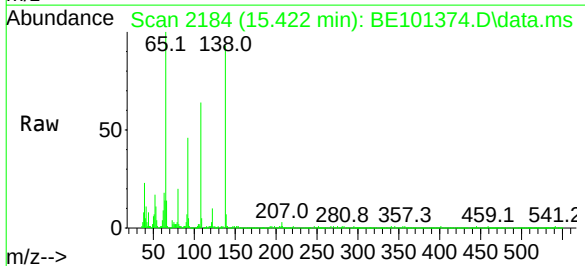
Tgt Ion:	204	Resp:	64319
Ion Ratio	Lower	Upper	
204	100		
206	33.2	26.2	39.2
141	55.0	47.2	70.8





#62
4-Nitroaniline
Concen: 2.470 ng
RT: 15.422 min Scan# 2185
Delta R.T. -0.003 min
Lab File: BE101374.D
Acq: 19 Sep 2024 11:43

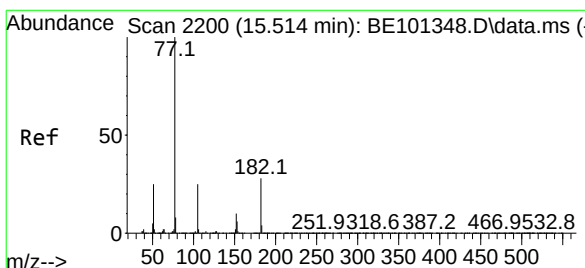
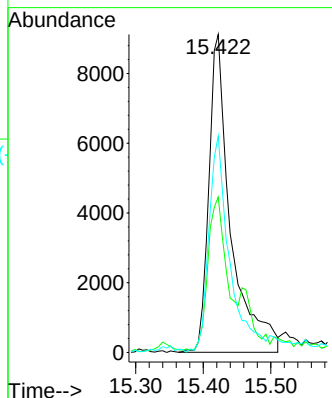
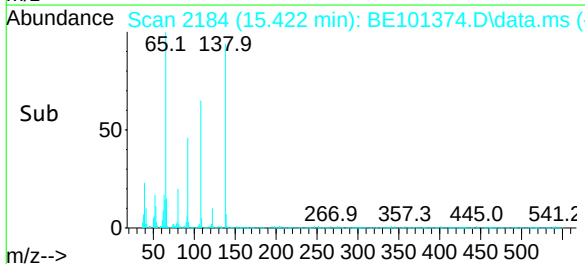
Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT2-2024



Tgt Ion:	138	Resp:	20500
Ion	Ratio	Lower	Upper
138	100		
92	48.9	26.8	66.8
108	68.1	44.7	84.7

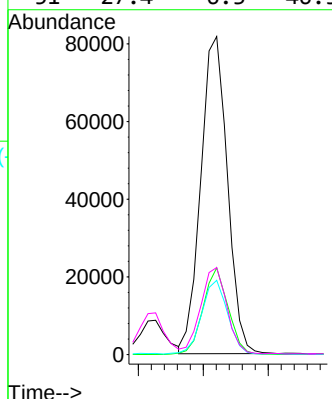
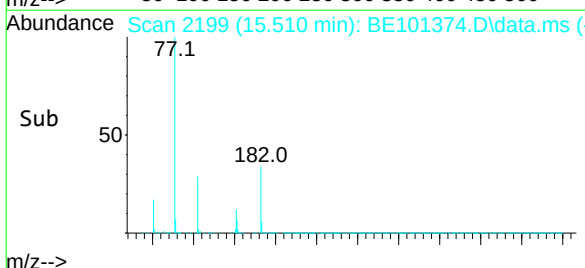
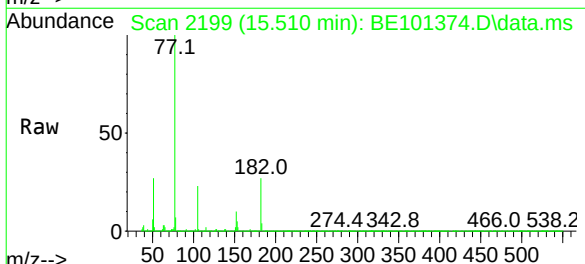
Manual Integrations
APPROVED

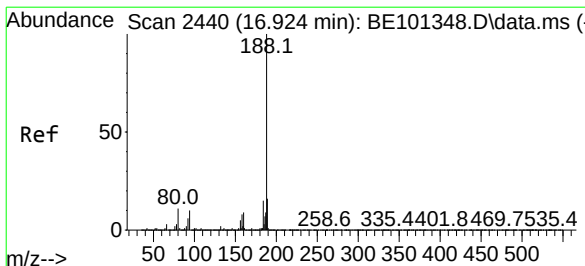
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#63
Azobenzene
Concen: 3.795 ng
RT: 15.510 min Scan# 2199
Delta R.T. -0.003 min
Lab File: BE101374.D
Acq: 19 Sep 2024 11:43

Tgt Ion:	77	Resp:	116401
Ion	Ratio	Lower	Upper
77	100		
182	27.3	7.8	47.8
105	23.4	4.3	44.3
51	27.4	6.3	46.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.920 min Scan# 2440

Delta R.T. -0.004 min

Lab File: BE101374.D

Acq: 19 Sep 2024 11:43

Instrument :

BNA_E

ClientSampleId :

MDL-WATER-03-QT2-2024

Tgt Ion:188 Resp: 1107658

Ion Ratio Lower Upper

188 100

94 10.0 8.2 12.2

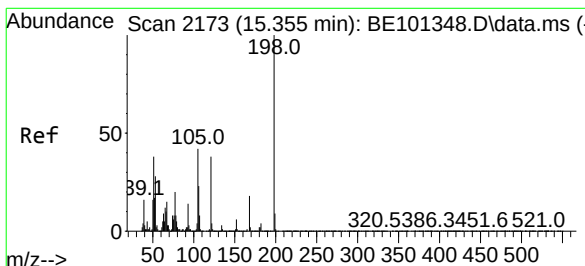
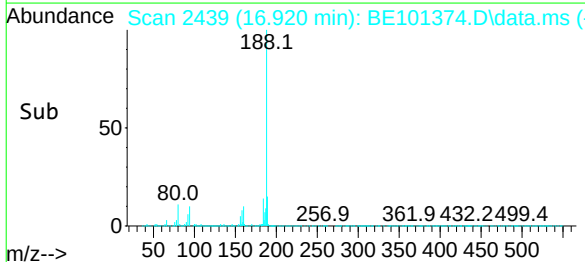
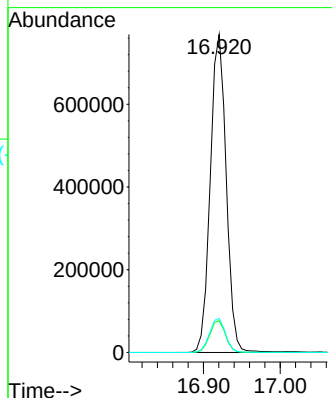
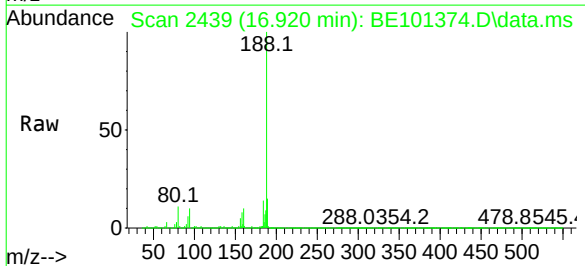
80 10.7 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#65

4,6-Dinitro-2-methylphenol

Concen: 2.096 ng

RT: 15.346 min Scan# 2171

Delta R.T. -0.009 min

Lab File: BE101374.D

Acq: 19 Sep 2024 11:43

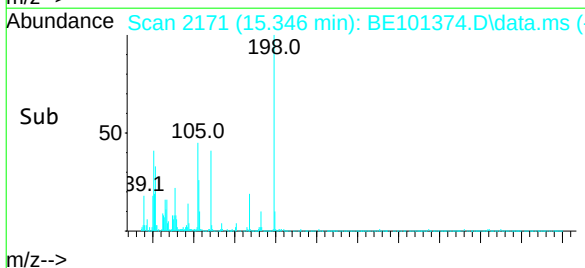
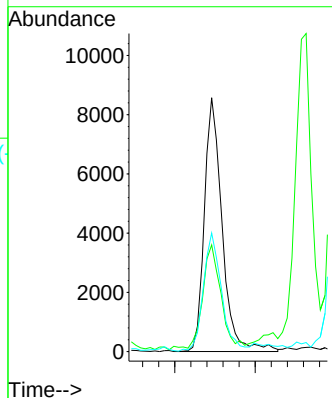
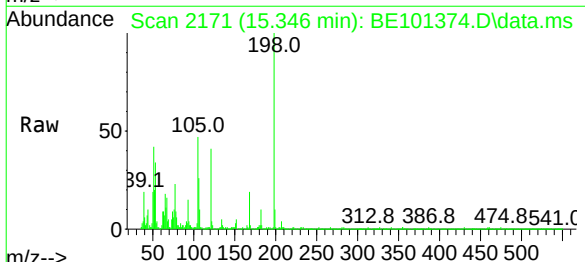
Tgt Ion:198 Resp: 13181

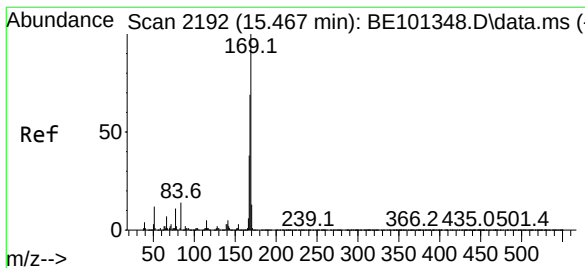
Ion Ratio Lower Upper

198 100

51 42.0 18.1 58.1

105 46.7 22.0 62.0





#66

n-Nitrosodiphenylamine

Concen: 3.900 ng

RT: 15.463 min Scan# 2192

Delta R.T. -0.003 min

Lab File: BE101374.D

Acq: 19 Sep 2024 11:43

Instrument :

BNA_E

ClientSampleId :

MDL-WATER-03-QT2-2024

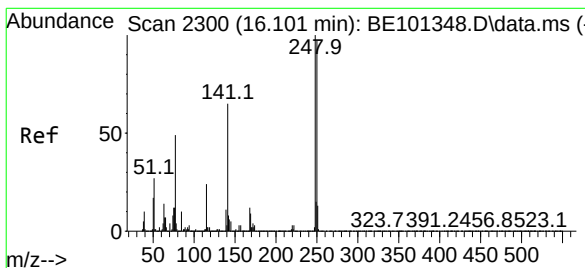
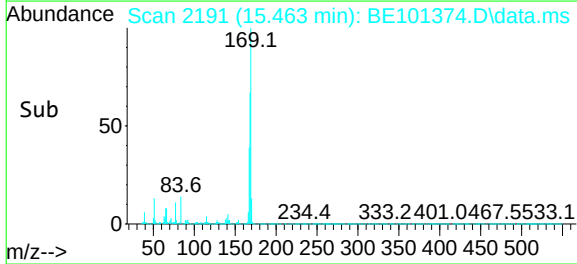
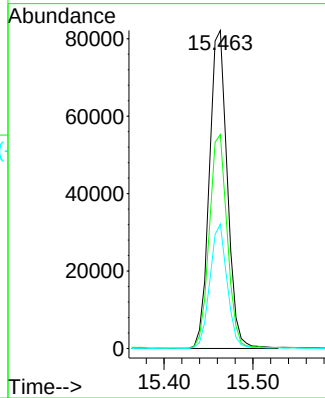
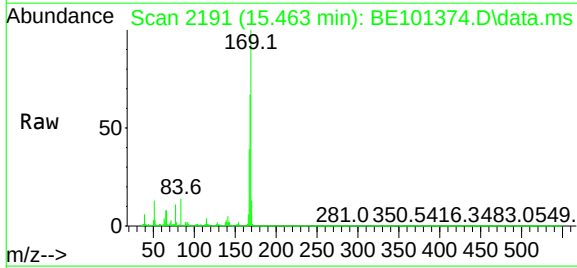
Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.3	55.1	82.7
167	39.1	30.5	45.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#67

4-Bromophenyl-phenylether

Concen: 3.667 ng

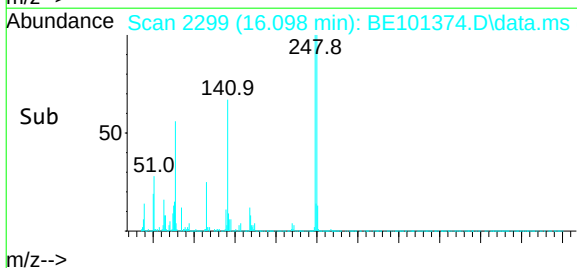
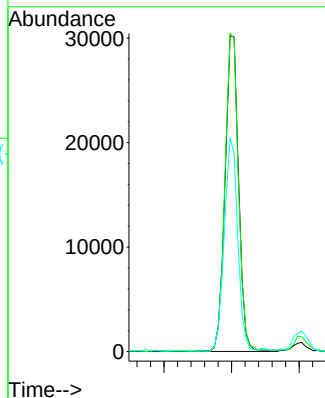
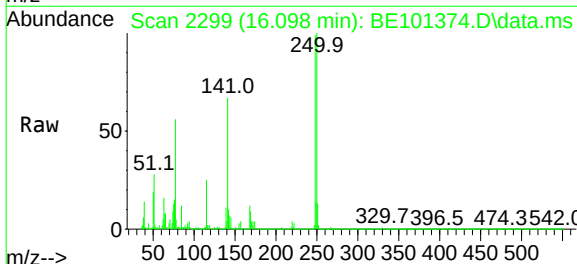
RT: 16.098 min Scan# 2299

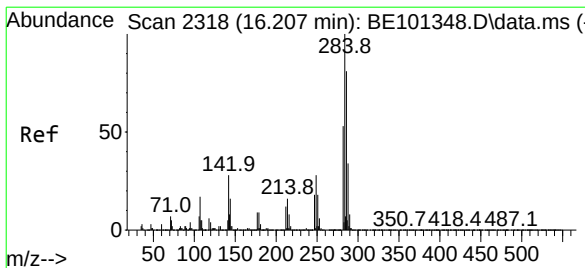
Delta R.T. -0.003 min

Lab File: BE101374.D

Acq: 19 Sep 2024 11:43

Tgt Ion	Ratio	Lower	Upper
248	100		
250	100.7	77.7	116.5
141	67.5	51.8	77.8





#68

Hexachlorobenzene

Concen: 3.670 ng

RT: 16.204 min Scan# 2318

Delta R.T. -0.003 min

Lab File: BE101374.D

Acq: 19 Sep 2024 11:43

Instrument :

BNA_E

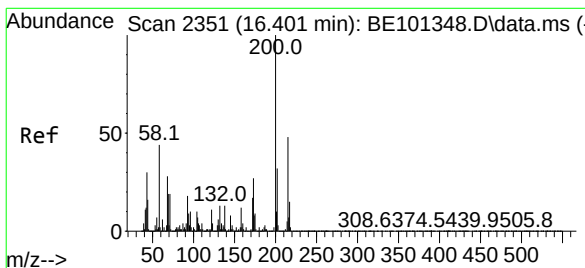
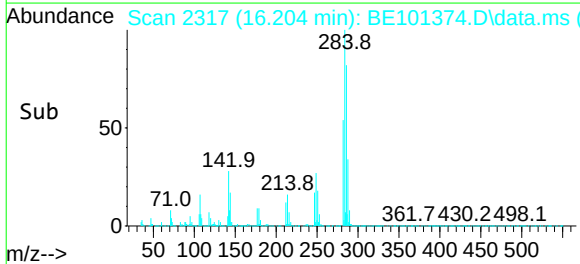
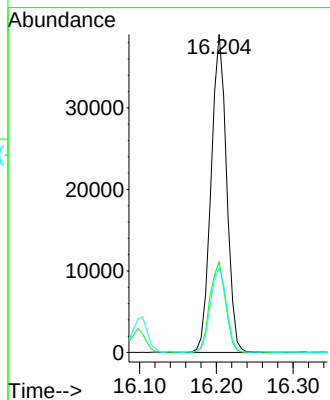
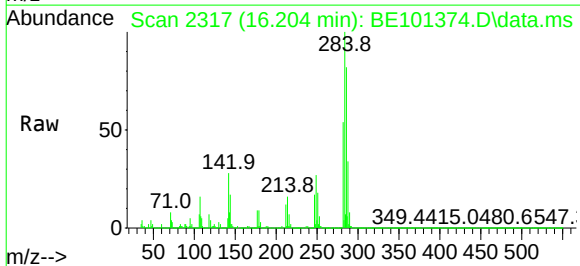
ClientSampleId :

MDL-WATER-03-QT2-2024

Tgt Ion:	284	Resp:	54578
Ion Ratio	Lower	Upper	
284	100		
142	28.4	22.1	33.1
249	26.6	22.7	34.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#69

Atrazine

Concen: 4.055 ng

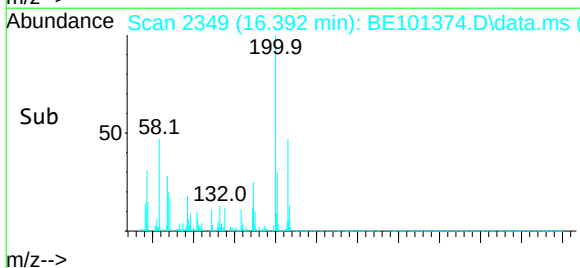
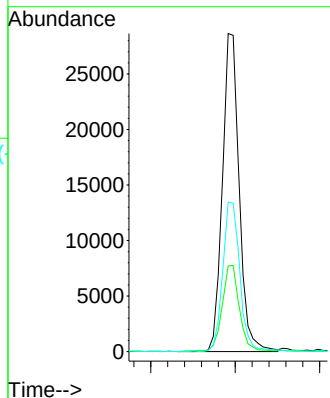
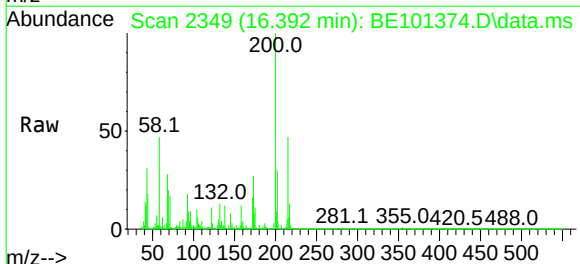
RT: 16.392 min Scan# 2349

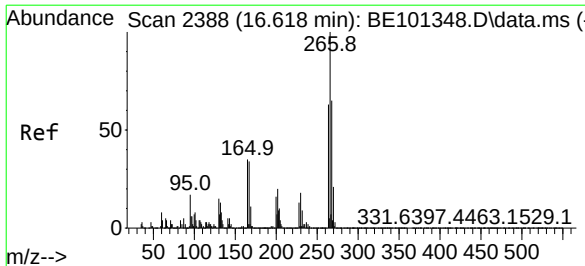
Delta R.T. -0.009 min

Lab File: BE101374.D

Acq: 19 Sep 2024 11:43

Tgt Ion:	200	Resp:	39539
Ion Ratio	Lower	Upper	
200	100		
173	26.9	6.9	46.9
215	47.0	27.8	67.8





#70

Pentachlorophenol

Concen: 2.515 ng

RT: 16.609 min Scan# 2388

Delta R.T. -0.009 min

Lab File: BE101374.D

Acq: 19 Sep 2024 11:43

Instrument :

BNA_E

ClientSampleId :

MDL-WATER-03-QT2-2024

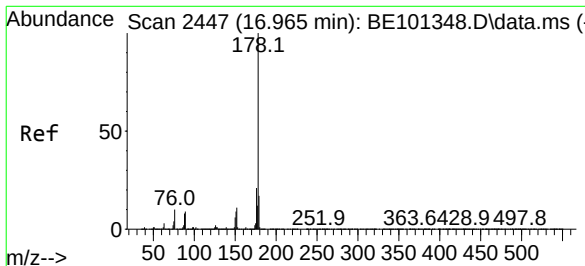
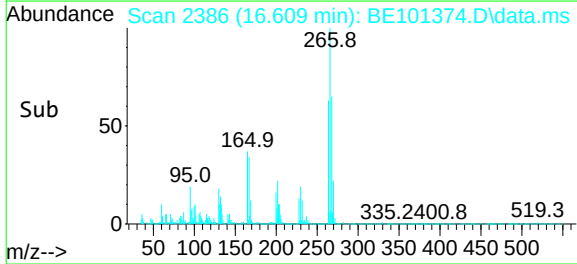
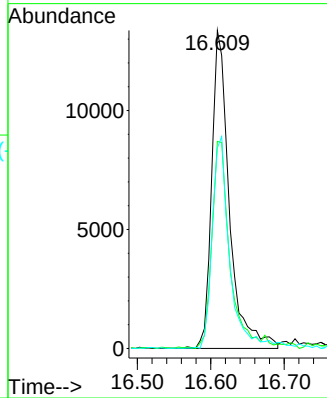
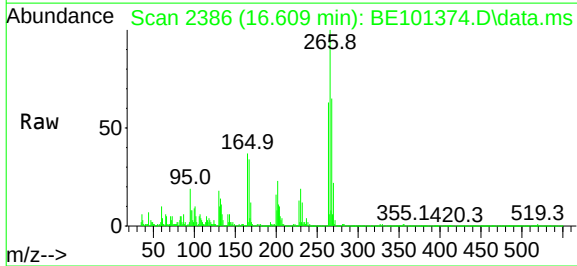
Tgt	Ion:266	Resp:	22348
Ion	Ratio	Lower	Upper
266	100		
268	65.1	52.2	78.4
264	69.6	50.5	75.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#71

Phenanthrene

Concen: 4.217 ng

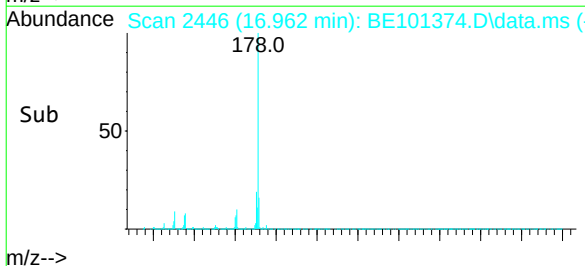
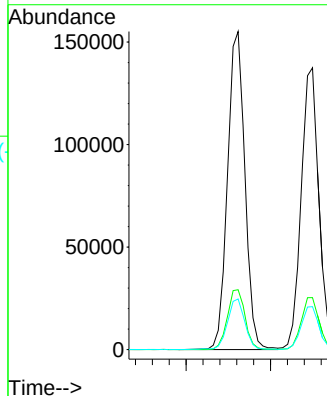
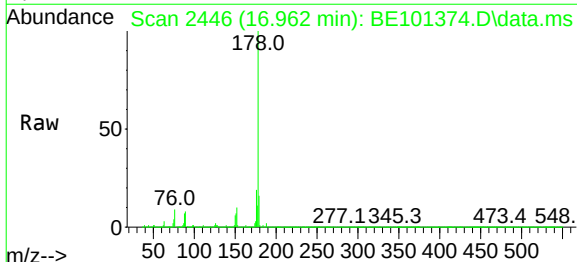
RT: 16.962 min Scan# 2446

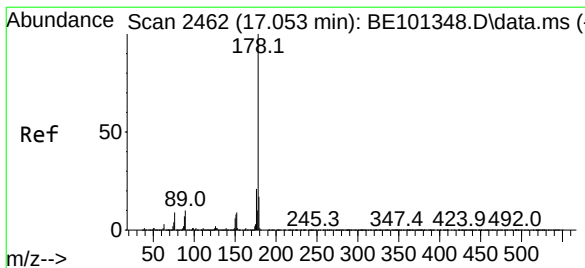
Delta R.T. -0.003 min

Lab File: BE101374.D

Acq: 19 Sep 2024 11:43

Tgt	Ion:178	Resp:	221835
Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.8	25.2
179	15.9	13.3	19.9





#72

Anthracene

Concen: 3.972 ng

RT: 17.050 min Scan# 2461

Delta R.T. -0.003 min

Lab File: BE101374.D

Acq: 19 Sep 2024 11:43

Instrument :

BNA_E

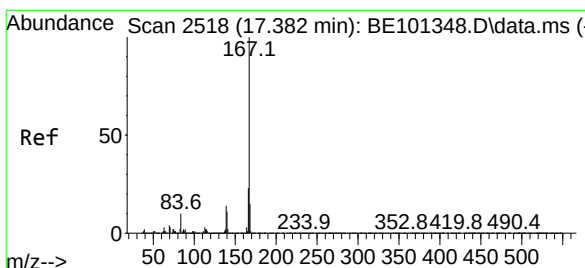
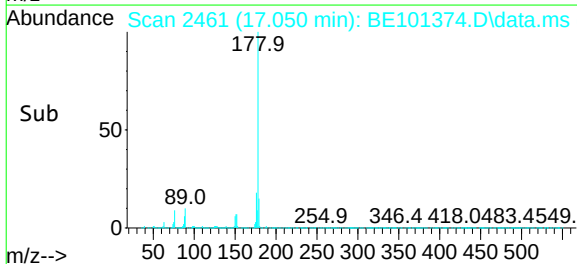
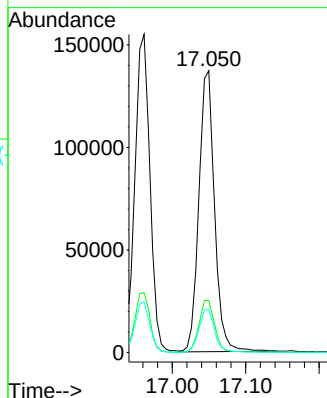
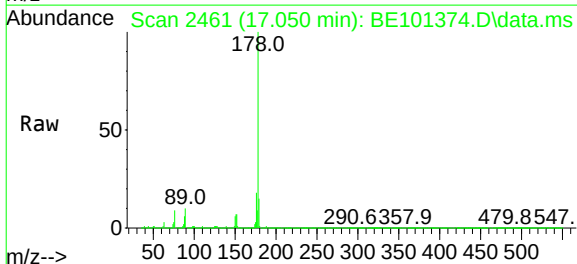
ClientSampleId :

MDL-WATER-03-QT2-2024

Tgt Ion:	178	Resp:	203353
Ion Ratio	Lower	Upper	
178	100		
176	18.4	16.4	24.6
179	15.2	13.4	20.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#73

Carbazole

Concen: 3.827 ng

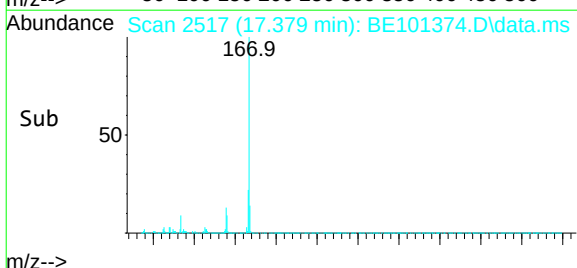
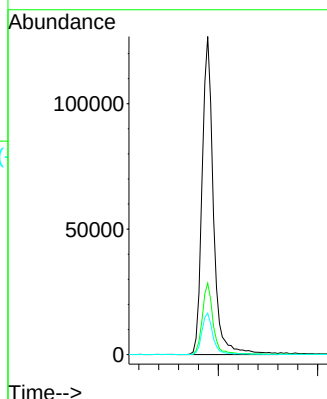
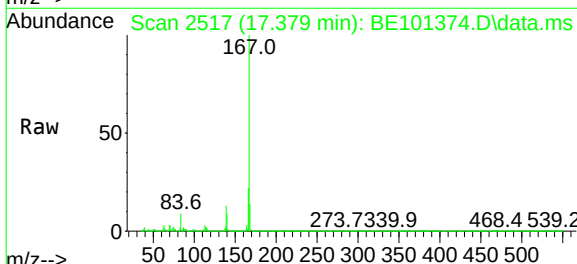
RT: 17.379 min Scan# 2517

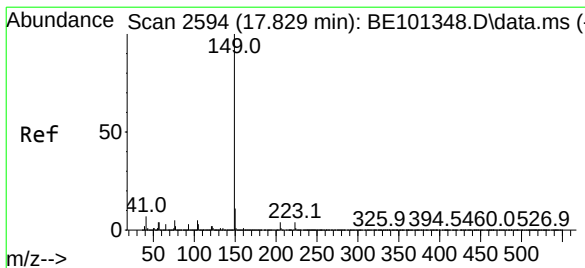
Delta R.T. -0.003 min

Lab File: BE101374.D

Acq: 19 Sep 2024 11:43

Tgt Ion:	167	Resp:	200752
Ion Ratio	Lower	Upper	
167	100		
166	22.4	18.4	27.6
139	13.0	11.1	16.7





#74

Di-n-butylphthalate

Concen: 3.773 ng

RT: 17.825 min Scan# 2594

Delta R.T. -0.003 min

Lab File: BE101374.D

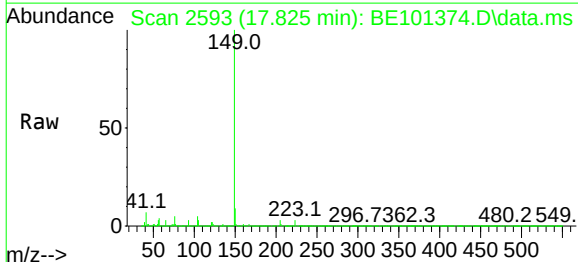
Acq: 19 Sep 2024 11:43

Instrument :

BNA_E

ClientSampleId :

MDL-WATER-03-QT2-2024



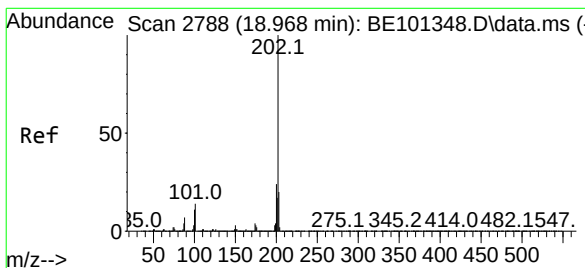
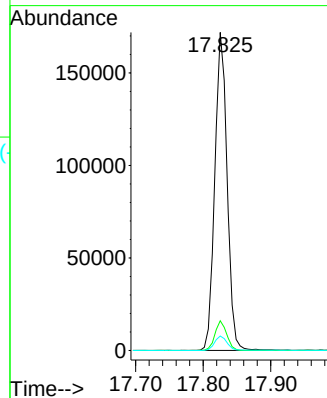
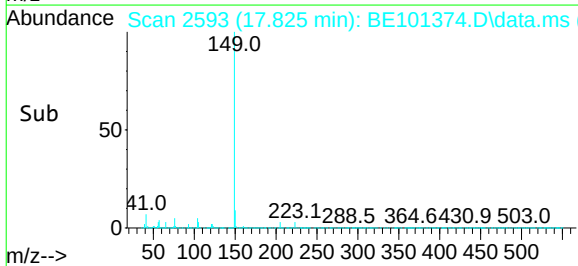
Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	9.0	13.6
104	4.6	4.4	6.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#75

Fluoranthene

Concen: 4.153 ng

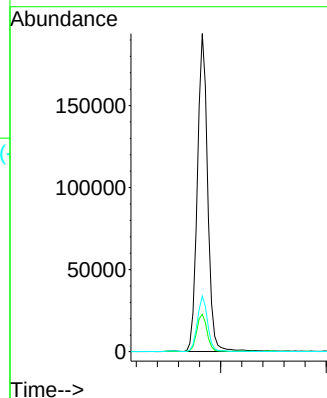
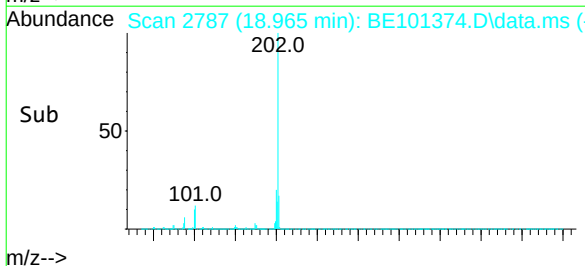
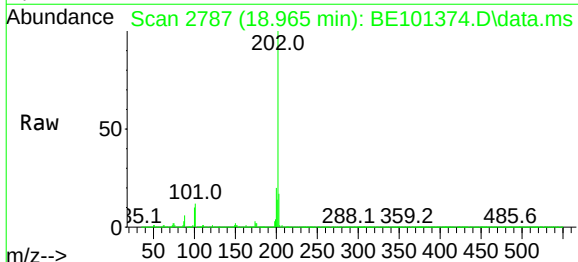
RT: 18.965 min Scan# 2787

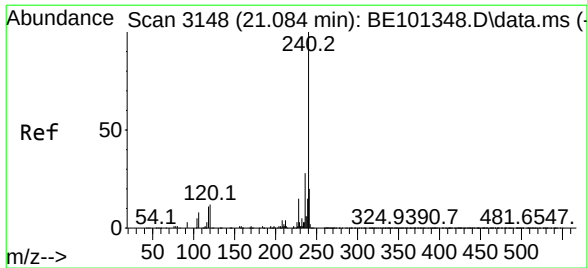
Delta R.T. -0.003 min

Lab File: BE101374.D

Acq: 19 Sep 2024 11:43

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	34.2
203	17.5	0.4	40.4





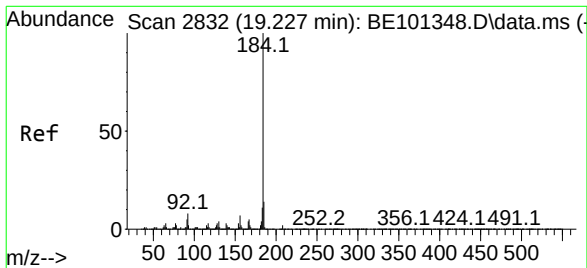
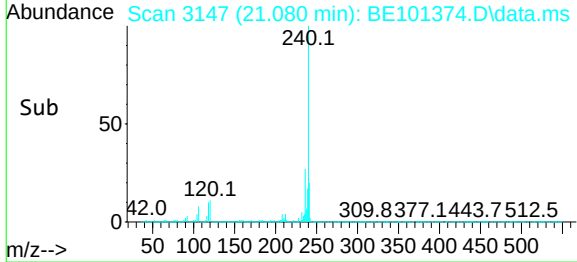
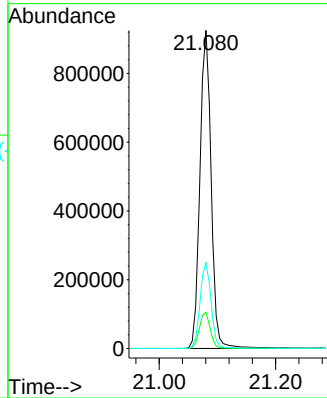
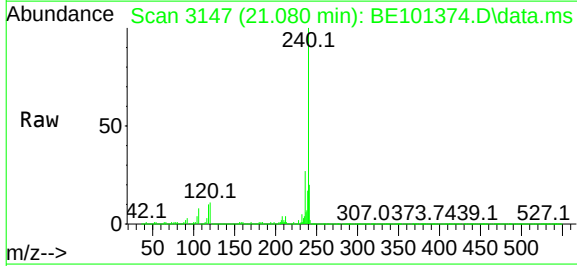
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.080 min Scan# 3148
Delta R.T. -0.003 min
Lab File: BE101374.D
Acq: 19 Sep 2024 11:43

Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT2-2024

Tgt Ion: 240 Resp: 1235269
Ion Ratio Lower Upper
240 100
120 11.5 9.8 14.8
236 26.9 22.1 33.1

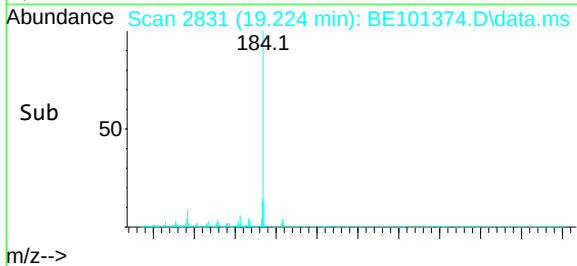
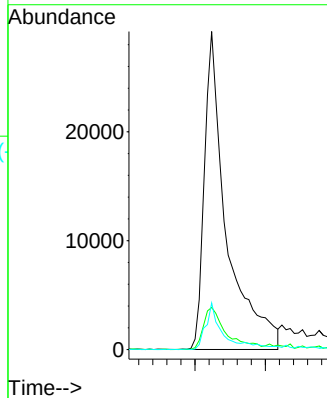
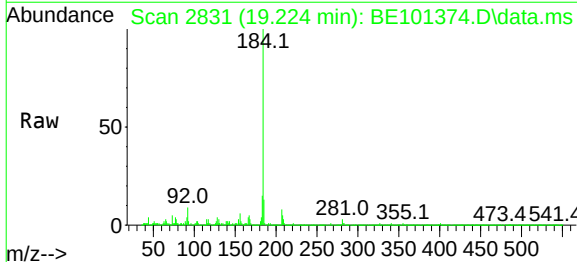
Manual Integrations
APPROVED

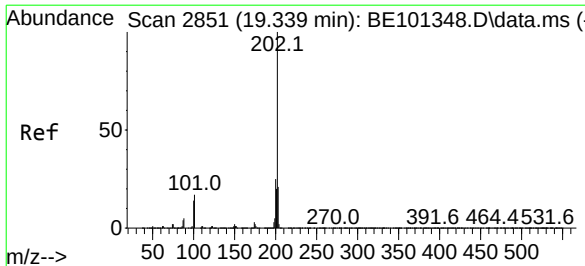
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#77
Benzidine
Concen: 3.111 ng
RT: 19.224 min Scan# 2831
Delta R.T. -0.003 min
Lab File: BE101374.D
Acq: 19 Sep 2024 11:43

Tgt Ion: 184 Resp: 63783
Ion Ratio Lower Upper
184 100
185 13.2 11.4 17.2
183 14.7 9.1 13.7#





#78

Pyrene

Concen: 4.134 ng

RT: 19.335 min Scan# 2851

Delta R.T. -0.003 min

Lab File: BE101374.D

Acq: 19 Sep 2024 11:43

Instrument :

BNA_E

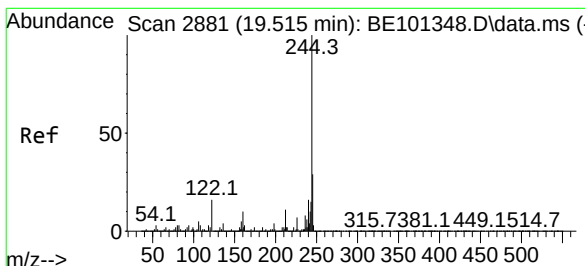
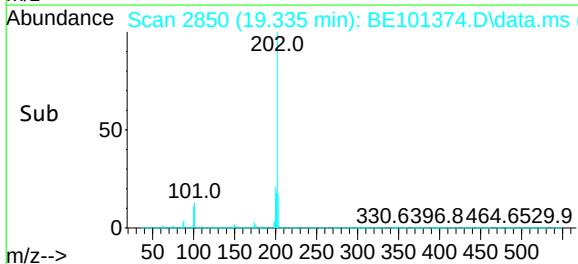
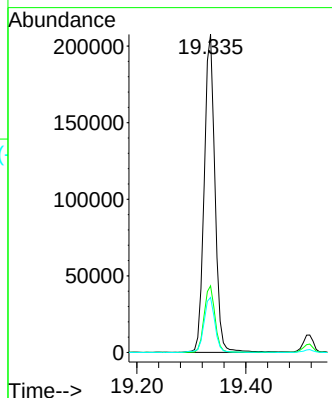
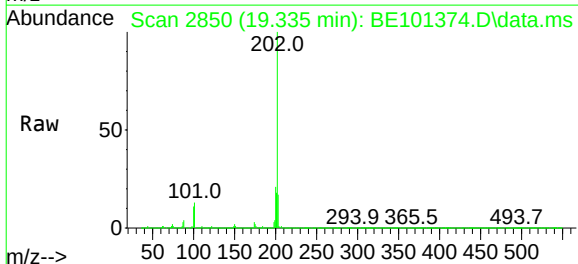
ClientSampleId :

MDL-WATER-03-QT2-2024

Tgt	Ion:	202	Resp:	284013
Ion	Ratio	Lower	Upper	
202	100			
200	20.9	20.2	30.2	
203	17.3	16.6	25.0	

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#79

Terphenyl-d14

Concen: 71.388 ng

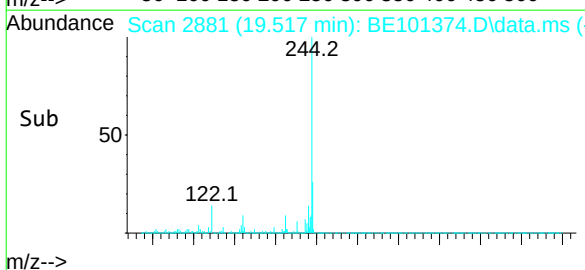
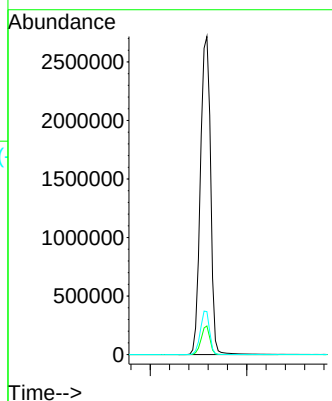
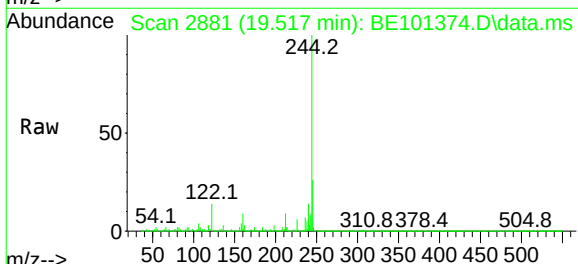
RT: 19.517 min Scan# 2881

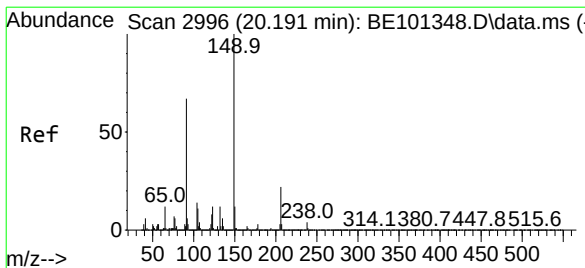
Delta R.T. 0.002 min

Lab File: BE101374.D

Acq: 19 Sep 2024 11:43

Tgt	Ion:	244	Resp:	3976990
Ion	Ratio	Lower	Upper	
244	100			
212	9.0	8.5	12.7	
122	13.5	13.1	19.7	





#80

Butylbenzylphthalate

Concen: 3.589 ng

RT: 20.187 min Scan# 2996

Delta R.T. -0.003 min

Lab File: BE101374.D

Acq: 19 Sep 2024 11:43

Instrument :

BNA_E

ClientSampleId :

MDL-WATER-03-QT2-2024

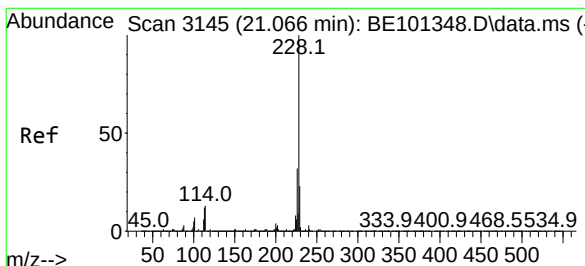
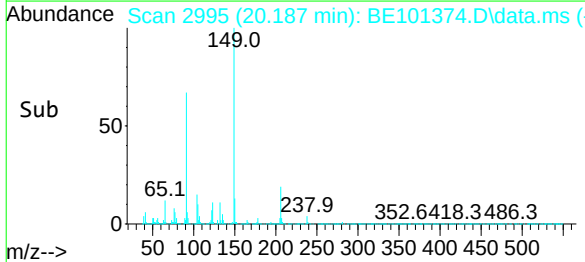
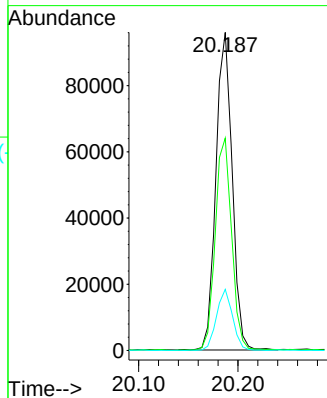
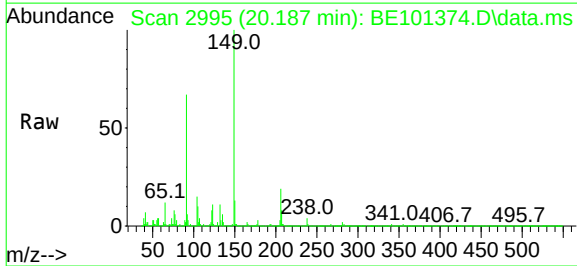
Tgt	Ion:149	Resp:	109135
Ion	Ratio	Lower	Upper
149	100		
91	66.8	53.4	80.2
206	19.2	17.4	26.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#81

Benzo(a)anthracene

Concen: 4.374 ng

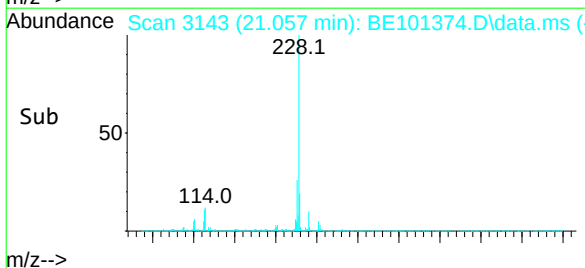
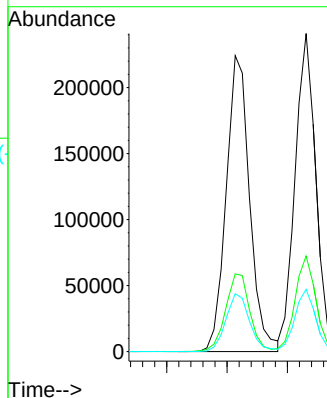
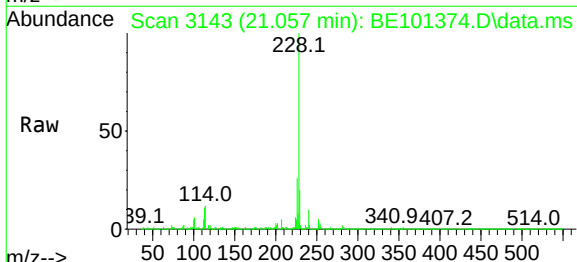
RT: 21.057 min Scan# 3143

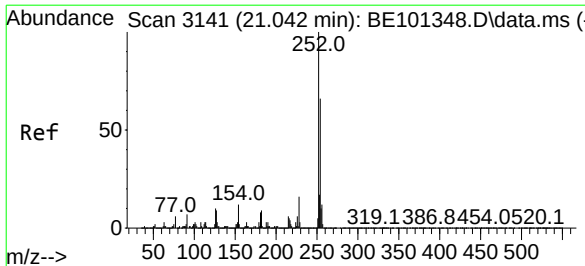
Delta R.T. -0.009 min

Lab File: BE101374.D

Acq: 19 Sep 2024 11:43

Tgt	Ion:228	Resp:	303402
Ion	Ratio	Lower	Upper
228	100		
226	26.3	25.7	38.5
229	19.6	18.6	28.0





#82

3,3'-Dichlorobenzidine

Concen: 3.487 ng

RT: 21.039 min Scan# 31

Delta R.T. -0.003 min

Lab File: BE101374.D

Acq: 19 Sep 2024 11:43

Instrument :

BNA_E

ClientSampleId :

MDL-WATER-03-QT2-2024

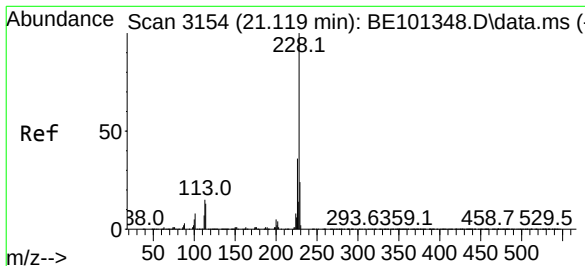
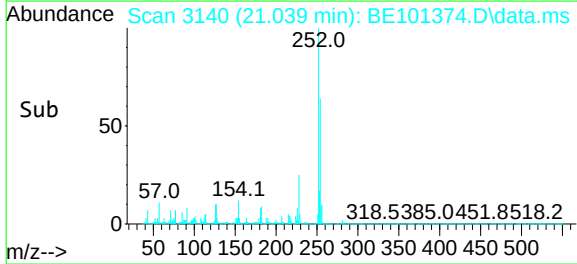
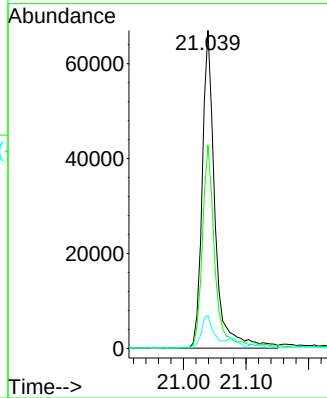
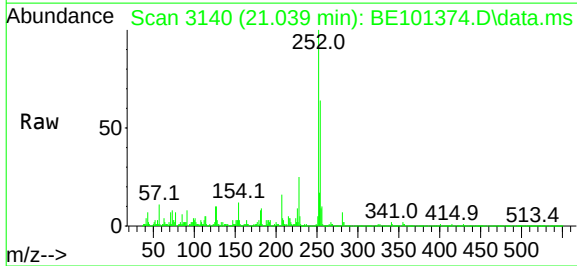
Tgt	Ion:252	Resp:	94789
Ion	Ratio	Lower	Upper
252	100		
254	63.9	52.5	78.7
126	10.3	8.0	12.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#83

Chrysene

Concen: 4.447 ng

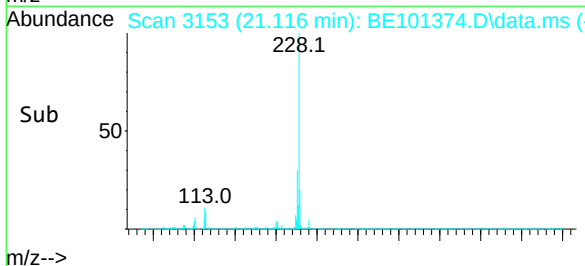
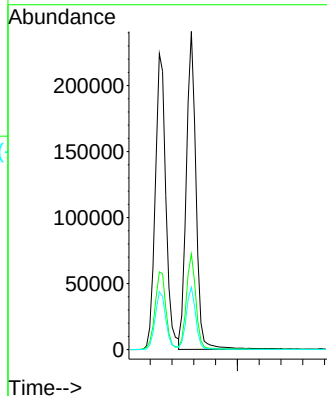
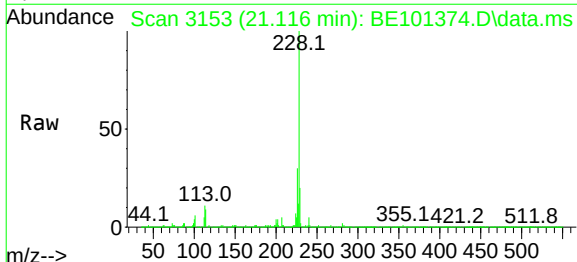
RT: 21.116 min Scan# 3153

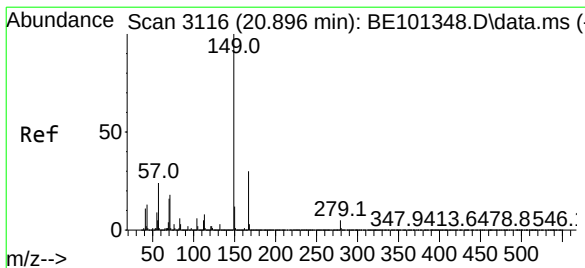
Delta R.T. -0.003 min

Lab File: BE101374.D

Acq: 19 Sep 2024 11:43

Tgt	Ion:228	Resp:	296342
Ion	Ratio	Lower	Upper
228	100		
226	30.1	28.4	42.6
229	19.6	19.0	28.4





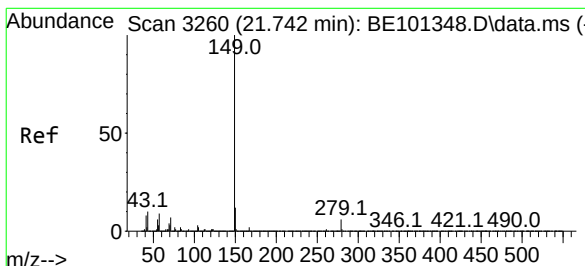
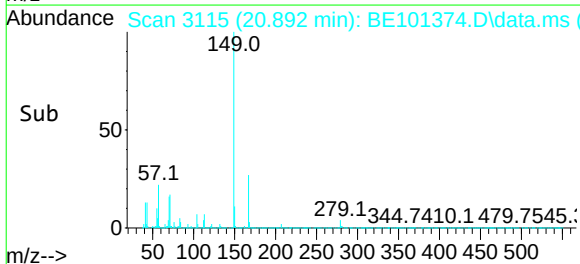
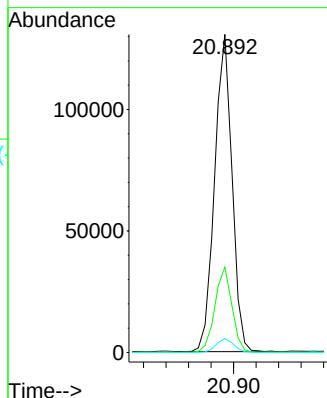
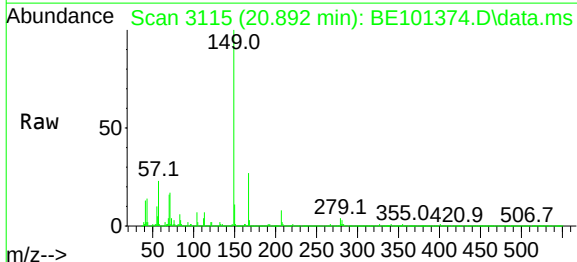
#84
Bis(2-ethylhexyl)phthalate
Concen: 3.482 ng
RT: 20.892 min Scan# 3116
Delta R.T. -0.003 min
Lab File: BE101374.D
Acq: 19 Sep 2024 11:43

Instrument : BNA_E
ClientSampleId : MDL-WATER-03-QT2-2024

Tgt Ion:	149	Resp:	140048
Ion	Ratio	Lower	Upper
149	100		
167	26.9	23.9	35.9
279	4.4	4.2	6.4

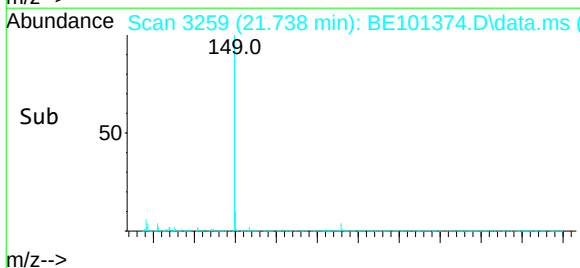
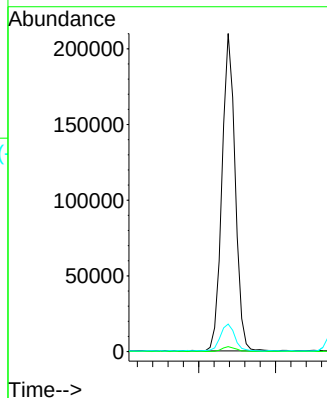
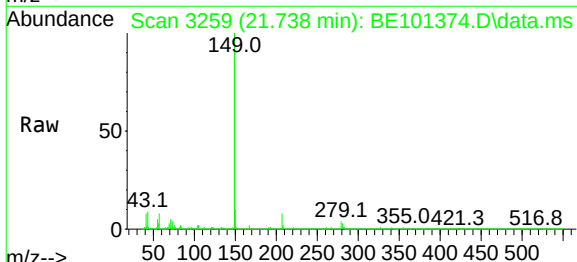
Manual Integrations
APPROVED

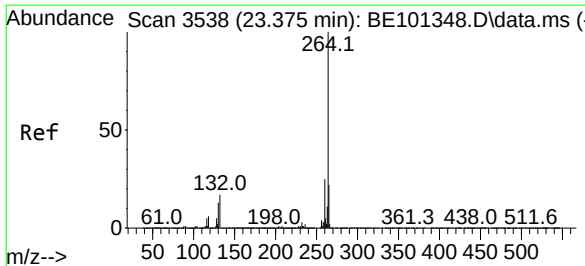
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#85
Di-n-octyl phthalate
Concen: 3.813 ng
RT: 21.738 min Scan# 3259
Delta R.T. -0.003 min
Lab File: BE101374.D
Acq: 19 Sep 2024 11:43

Tgt Ion:	149	Resp:	250357
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.2
43	9.3	7.4	11.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.372 min Scan# 3538

Delta R.T. -0.003 min

Lab File: BE101374.D

Acq: 19 Sep 2024 11:43

Instrument :

BNA_E

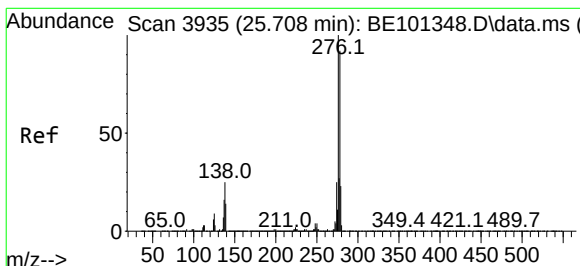
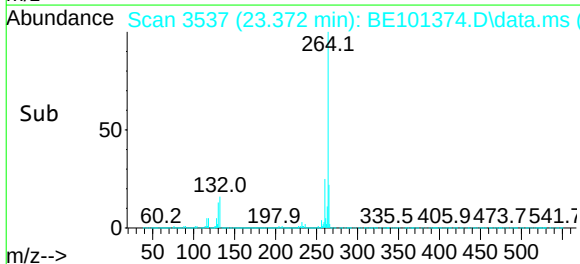
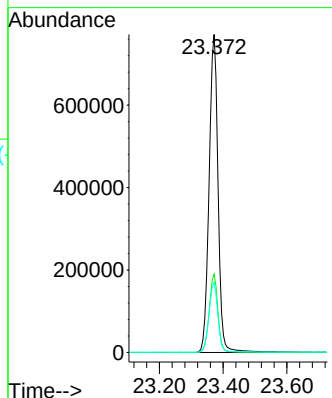
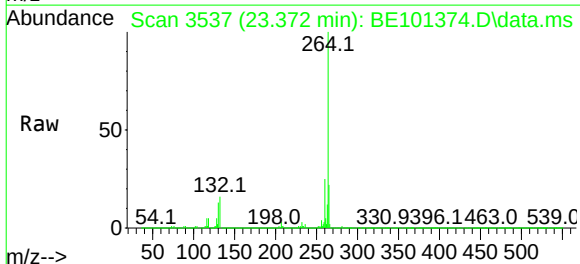
ClientSampleId :

MDL-WATER-03-QT2-2024

Tgt	Ion	264	Resp:	1505601
Ion	Ratio	Lower	Upper	
264	100			
260	24.6	19.8	29.6	
265	22.0	17.8	26.6	

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.999 ng

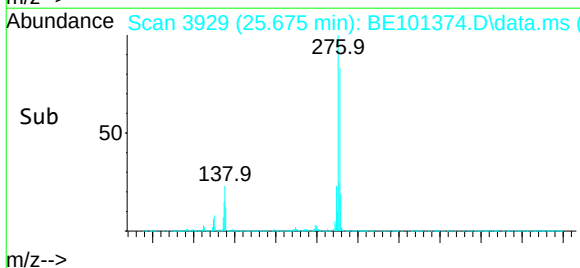
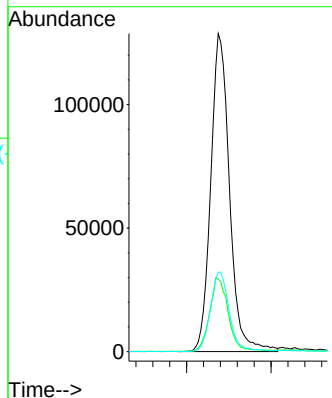
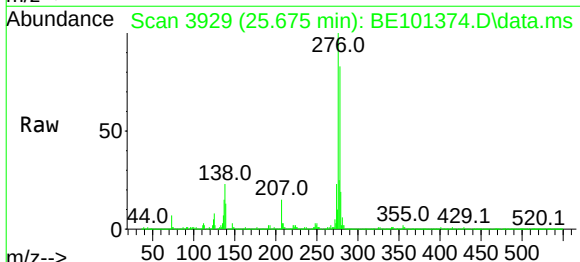
RT: 25.675 min Scan# 3929

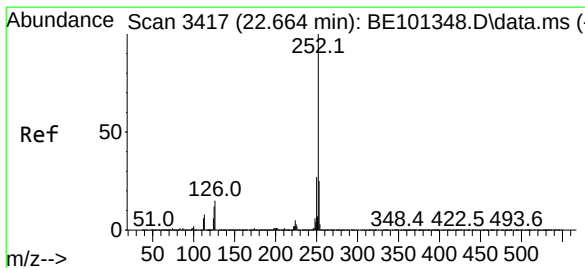
Delta R.T. -0.033 min

Lab File: BE101374.D

Acq: 19 Sep 2024 11:43

Tgt	Ion	276	Resp:	396695
Ion	Ratio	Lower	Upper	
276	100			
138	22.9	19.2	28.8	
277	25.1	20.8	31.2	





#88

Benzo(b)fluoranthene

Concen: 4.023 ng

RT: 22.655 min Scan# 3417

Delta R.T. -0.009 min

Lab File: BE101374.D

Acq: 19 Sep 2024 11:43

Instrument :

BNA_E

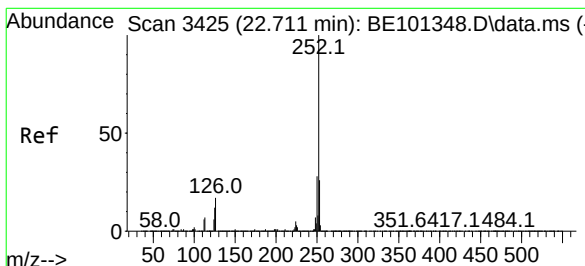
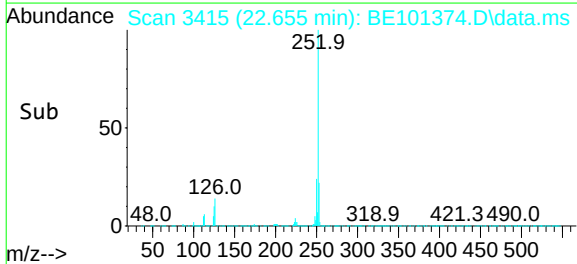
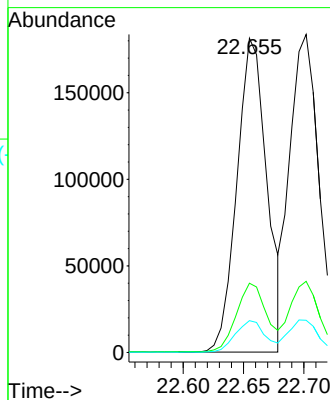
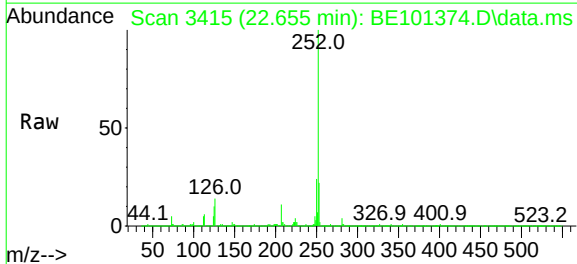
ClientSampleId :

MDL-WATER-03-QT2-2024

Tgt Ion:252 Resp: 313723
 Ion Ratio Lower Upper
 252 100
 253 22.0 20.2 30.2
 125 10.1 9.4 14.0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/21/2024
 Supervised By :mohammad ahmed 09/22/2024



#89

Benzo(k)fluoranthene

Concen: 4.336 ng

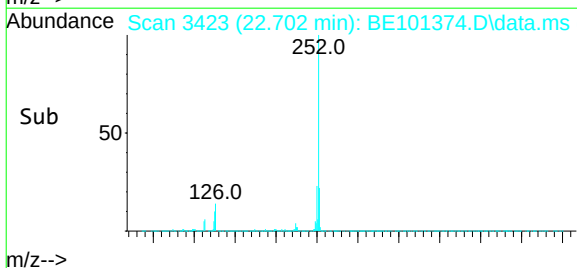
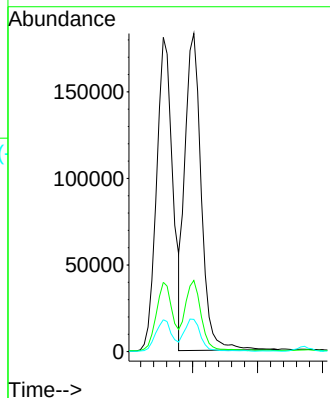
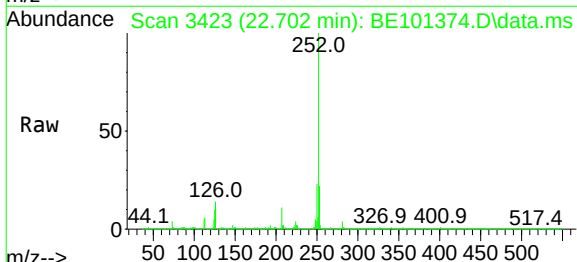
RT: 22.702 min Scan# 3423

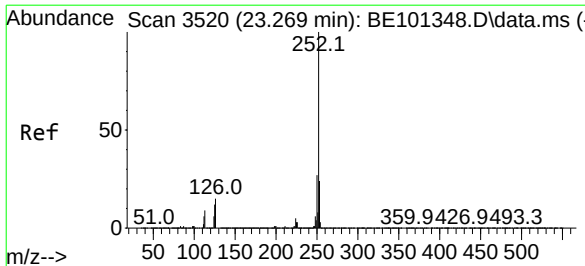
Delta R.T. -0.009 min

Lab File: BE101374.D

Acq: 19 Sep 2024 11:43

Tgt Ion:252 Resp: 319103
 Ion Ratio Lower Upper
 252 100
 253 22.4 20.2 30.4
 125 10.1 9.4 14.0





#90

Benzo(a)pyrene

Concen: 4.118 ng

RT: 23.260 min Scan# 3518

Delta R.T. -0.009 min

Lab File: BE101374.D

Acq: 19 Sep 2024 11:43

Instrument :

BNA_E

ClientSampleId :

MDL-WATER-03-QT2-2024

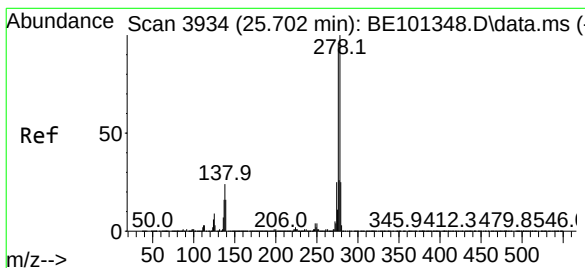
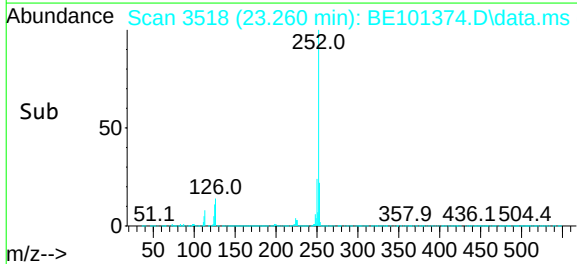
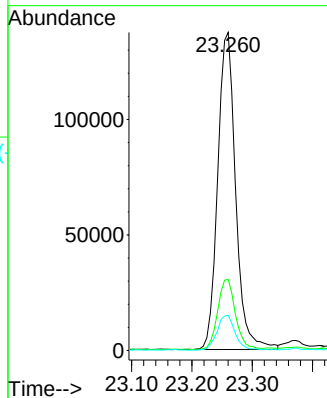
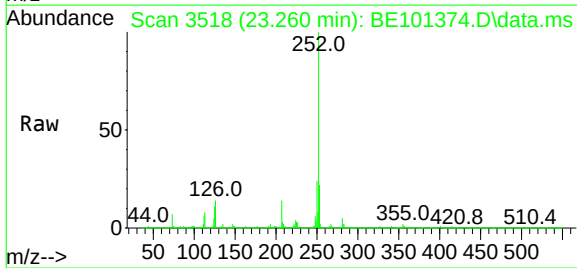
Tgt	Ion	252	Resp:	283389
Ion	Ratio	Lower	Upper	
252	100			
253	22.4	19.0	28.6	
125	11.1	9.6	14.4	

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#91

Dibenzo(a,h)anthracene

Concen: 3.912 ng

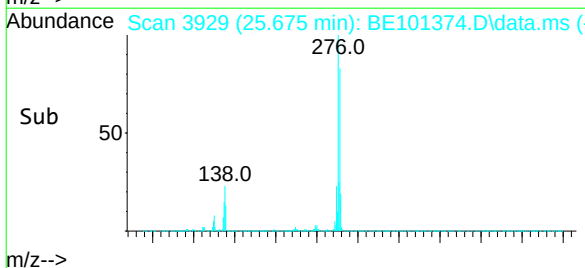
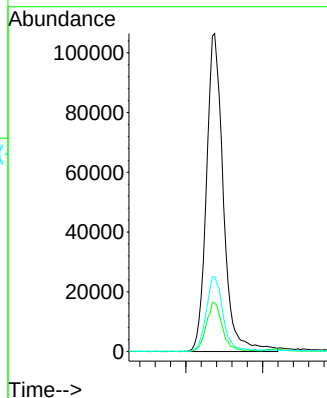
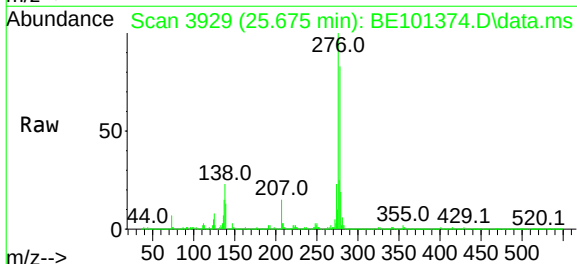
RT: 25.675 min Scan# 3929

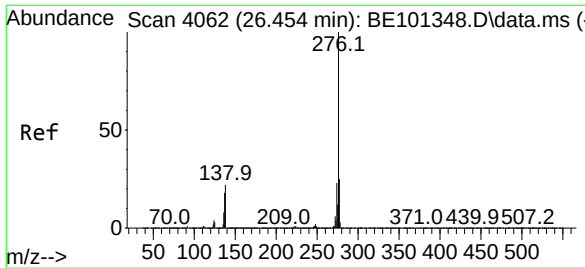
Delta R.T. -0.027 min

Lab File: BE101374.D

Acq: 19 Sep 2024 11:43

Tgt	Ion	278	Resp:	324884
Ion	Ratio	Lower	Upper	
278	100			
139	15.2	12.4	18.6	
279	23.6	19.8	29.8	





#92
 Benzo(g,h,i)perylene
 Concen: 3.649 ng
 RT: 26.427 min Scan# 4062
 Delta R.T. -0.027 min
 Lab File: BE101374.D
 Acq: 19 Sep 2024 11:43

Instrument : BNA_E
 ClientSampleId : MDL-WATER-03-QT2-2024

Tgt	Ion	276	Resp	307682
Ion	Ratio	Lower	Upper	
276	100			
277	23.8	19.8	29.8	
138	21.5	17.4	26.0	

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/21/2024
 Supervised By :mohammad ahmed 09/22/2024

