

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092024\
 Data File : BP021971.D
 Acq On : 20 Sep 2024 17:32
 Operator : RC/JU
 Sample : P2403-07
 Misc : LOD-MDL-WATER- 8 ppm
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Sep 20 17:59:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 20 01:22:00 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/21/2024
 Supervised By :mohammad ahmed 09/24/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.711	152	92421	20.000	ng	0.00
21) Naphthalene-d8	10.469	136	358928	20.000	ng	0.00
39) Acenaphthene-d10	14.322	164	280811	20.000	ng	0.00
64) Phenanthrene-d10	17.128	188	691432	20.000	ng	-0.01
76) Chrysene-d12	21.557	240	845611	20.000	ng	0.00
86) Perylene-d12	24.857	264	979436	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	637053	129.537	ng	0.00
7) Phenol-d6	6.893	99	840278	131.616	ng	0.00
23) Nitrobenzene-d5	8.852	82	653840	96.389	ng	0.00
42) 2,4,6-Tribromophenol	15.840	330	740672	142.275	ng	-0.02
45) 2-Fluorobiphenyl	12.934	172	1774750	92.259	ng	0.00
79) Terphenyl-d14	19.863	244	3834919	85.191	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.258	88	17638	8.637	ng	99
3) Pyridine	3.658	79	41350	7.592	ng	98
4) n-Nitrosodimethylamine	3.564	42	25564	8.898	ng	98
6) Aniline	7.046	93	58241	10.381	ng	98
8) 2-Chlorophenol	7.281	128	47139	8.964	ng	98
9) Benzaldehyde	6.864	77	45240	13.552	ng	97
10) Phenol	6.916	94	55366	8.731	ng	97
11) bis(2-Chloroethyl)ether	7.140	93	42093	8.812	ng	95
12) 1,3-Dichlorobenzene	7.599	146	57913	8.723	ng	96
13) 1,4-Dichlorobenzene	7.746	146	58730	8.723	ng	98
14) 1,2-Dichlorobenzene	8.058	146	55814	8.637	ng	99
15) Benzyl Alcohol	7.946	79	43417	8.867	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.222	45	49193	9.656	ng	99
17) 2-Methylphenol	8.146	107	35803	8.358	ng	96
18) Hexachloroethane	8.775	117	21296	8.602	ng	97
19) n-Nitroso-di-n-propyla...	8.499	70	36324	9.154	ng	97
20) 3+4-Methylphenols	8.469	107	49960	8.262	ng	98
22) Acetophenone	8.516	105	79116	9.036	ng	# 98
24) Nitrobenzene	8.893	77	62399	9.058	ng	96
25) Isophorone	9.416	82	100735	9.008	ng	99
26) 2-Nitrophenol	9.593	139	23238	7.715	ng	93
27) 2,4-Dimethylphenol	9.658	122	22221	6.371	ng	99
28) bis(2-Chloroethoxy)met...	9.887	93	58249	8.687	ng	99
29) 2,4-Dichlorophenol	10.122	162	48970	8.272	ng	94
30) 1,2,4-Trichlorobenzene	10.340	180	62021	8.411	ng	98
31) Naphthalene	10.516	128	156031	8.712	ng	99
32) Benzoic acid	9.740	122	26746m	6.560	ng	
33) 4-Chloroaniline	10.628	127	58843	9.109	ng	96
34) Hexachlorobutadiene	10.805	225	48084	8.336	ng	96
35) Caprolactam	11.393	113	13819	7.844	ng	94
36) 4-Chloro-3-methylphenol	11.752	107	53137	8.367	ng	99
37) 2-Methylnaphthalene	12.128	142	115665	8.827	ng	97
38) 1-Methylnaphthalene	12.351	142	108469	8.384	ng	100
40) 1,2,4,5-Tetrachloroben...	12.499	216	84537	8.605	ng	99
41) Hexachlorocyclopentadiene	12.481	237	22504	6.165	ng	97
43) 2,4,6-Trichlorophenol	12.740	196	47027	7.799	ng	99

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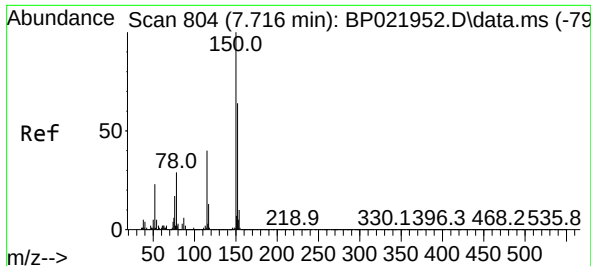
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.816	196	52534	7.766	ng	97
46) 1,1'-Biphenyl	13.146	154	170604	8.910	ng	100
47) 2-Chloronaphthalene	13.187	162	128015	8.269	ng	97
48) 2-Nitroaniline	13.387	65	32650	7.723	ng	99
49) Acenaphthylene	14.040	152	200104	9.160	ng	99
50) Dimethylphthalate	13.769	163	176571	8.670	ng	99
51) 2,6-Dinitrotoluene	13.893	165	34639	7.633	ng	99
52) Acenaphthene	14.387	154	120330	8.463	ng	98
53) 3-Nitroaniline	14.222	138	32095	7.935	ng	93
54) 2,4-Dinitrophenol	14.428	184	17673	6.646	ng	98
55) Dibenzofuran	14.728	168	213155	8.919	ng	100
56) 4-Nitrophenol	14.540	139	26326	7.478	ng	96
57) 2,4-Dinitrotoluene	14.693	165	47409	7.390	ng	# 97
58) Fluorene	15.387	166	169441	8.490	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.963	232	54239	8.308	ng	98
60) Diethylphthalate	15.151	149	181771	8.783	ng	98
61) 4-Chlorophenyl-phenyle...	15.387	204	98434	8.472	ng	98
62) 4-Nitroaniline	15.398	138	34319	7.716	ng	97
63) Azobenzene	15.687	77	151153	8.826	ng	99
65) 4,6-Dinitro-2-methylph...	15.463	198	29062	7.252	ng	96
66) n-Nitrosodiphenylamine	15.604	169	148487	8.625	ng	95
67) 4-Bromophenyl-phenylether	16.304	248	65033	8.068	ng	98
68) Hexachlorobenzene	16.416	284	83926	8.352	ng	97
69) Atrazine	16.581	200	64990	10.536	ng	97
70) Pentachlorophenol	16.769	266	48603	7.189	ng	96
71) Phenanthrene	17.169	178	292239	8.805	ng	99
72) Anthracene	17.257	178	270952	8.433	ng	100
73) Carbazole	17.539	167	264406	8.520	ng	99
74) Di-n-butylphthalate	18.139	149	301459	8.271	ng	99
75) Fluoranthene	19.257	202	384380	8.297	ng	99
77) Benzidine	19.463	184	136253	13.185	ng	97
78) Pyrene	19.633	202	409675	8.009	ng	99
80) Butylbenzylphthalate	20.586	149	146373	8.023	ng	93
81) Benzo(a)anthracene	21.539	228	468964	8.631	ng	99
82) 3,3'-Dichlorobenzidine	21.463	252	166745	8.458	ng	97
83) Chrysene	21.610	228	442990	8.659	ng	98
84) Bis(2-ethylhexyl)phtha...	21.480	149	220971	8.252	ng	99
85) Di-n-octyl phthalate	22.739	149	362827	7.978	ng	99
87) Indeno(1,2,3-cd)pyrene	28.574	276	587413	9.017	ng	94
88) Benzo(b)fluoranthene	23.816	252	484456	8.364	ng	99
89) Benzo(k)fluoranthene	23.886	252	497205	9.070	ng	100
90) Benzo(a)pyrene	24.698	252	448842	8.995	ng	99
91) Dibenzo(a,h)anthracene	28.668	278	481750	8.961	ng	99
92) Benzo(g,h,i)perylene	29.739	276	461157	8.374	ng	99

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



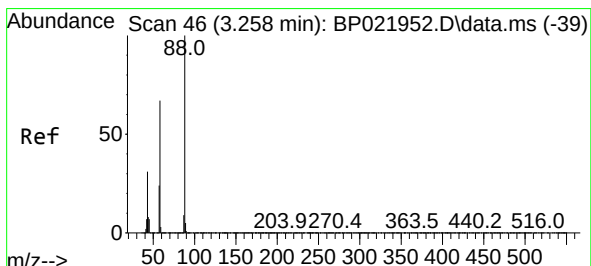
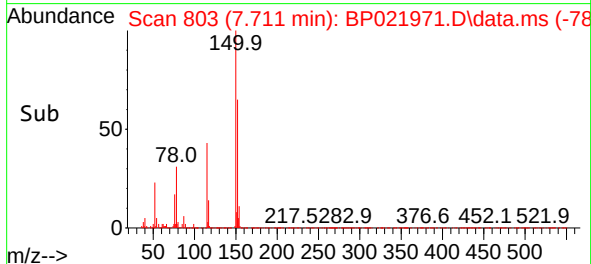
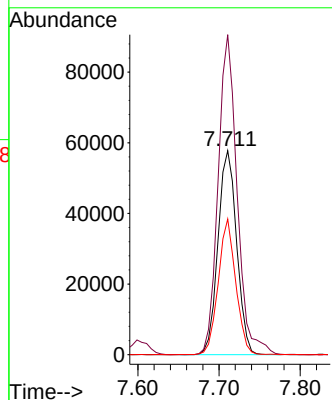
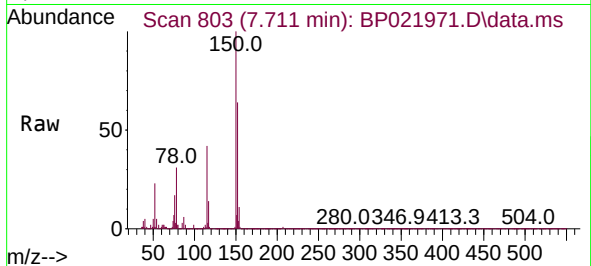
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.711 min Scan# 804
Delta R.T. -0.005 min
Lab File: BP021971.D
Acq: 20 Sep 2024 17:32

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

Tgt Ion:152 Resp: 9242
Ion Ratio Lower Upper
152 100
150 156.9 124.2 186.2
115 66.6 49.2 73.8

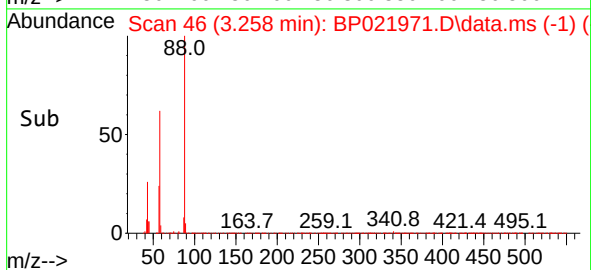
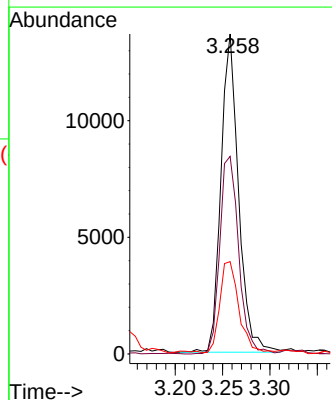
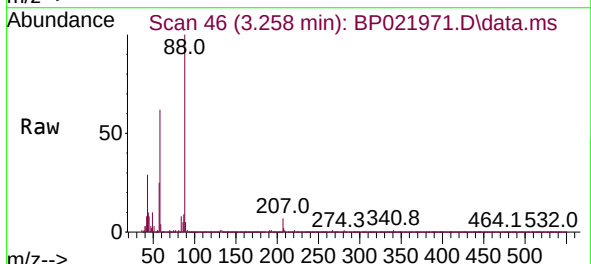
Manual Integrations
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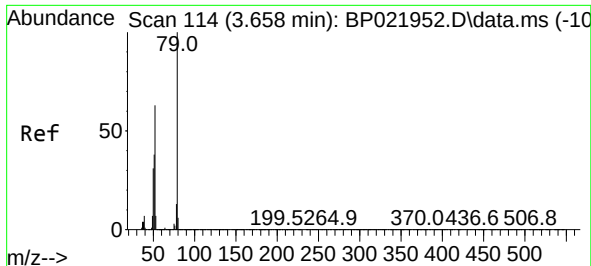
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/24/2024



#2
1,4-Dioxane
Concen: 8.637 ng
RT: 3.258 min Scan# 46
Delta R.T. 0.000 min
Lab File: BP021971.D
Acq: 20 Sep 2024 17:32

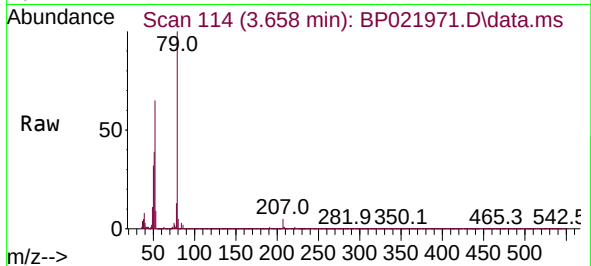
Tgt Ion: 88 Resp: 17638
Ion Ratio Lower Upper
88 100
58 66.8 53.8 80.6
43 31.2 25.2 37.8





#3
Pyridine
Concen: 7.592 ng
RT: 3.658 min Scan# 114
Delta R.T. 0.000 min
Lab File: BP021971.D
Acq: 20 Sep 2024 17:32

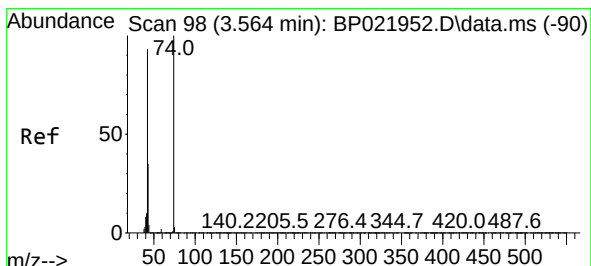
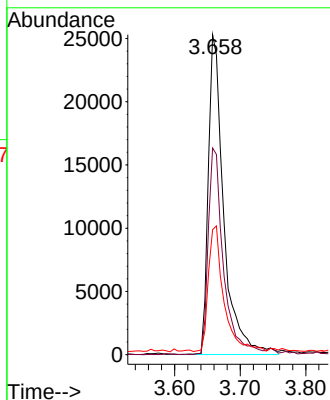
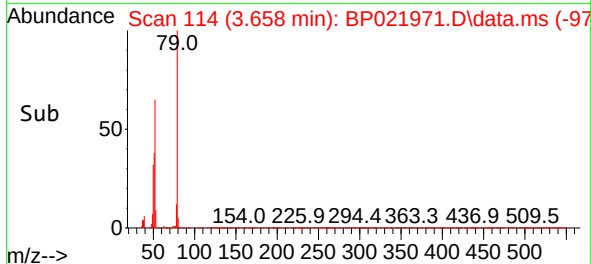
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



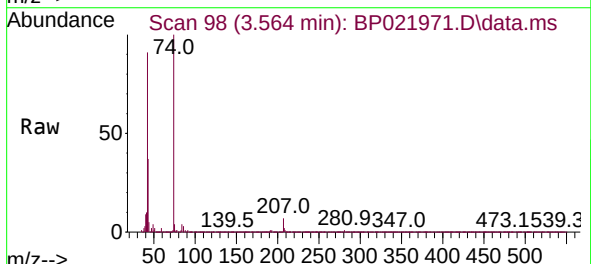
Tgt Ion: 79 Resp: 41350
Ion Ratio Lower Upper
79 100
52 64.6 50.3 75.5
51 39.0 30.9 46.3

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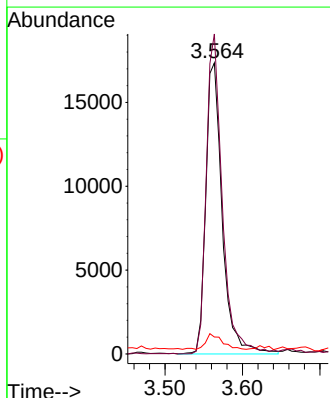
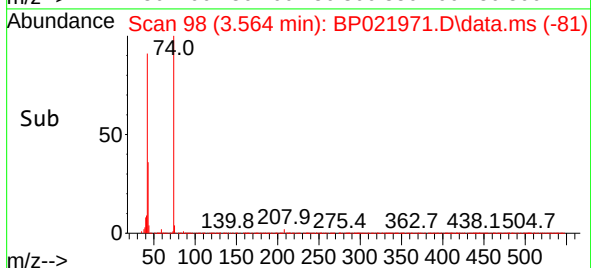
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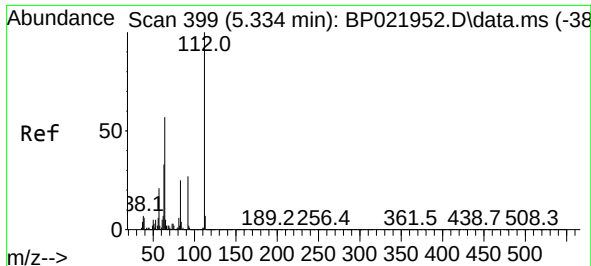


#4
n-Nitrosodimethylamine
Concen: 8.898 ng
RT: 3.564 min Scan# 98
Delta R.T. 0.000 min
Lab File: BP021971.D
Acq: 20 Sep 2024 17:32



Tgt Ion: 42 Resp: 25564
Ion Ratio Lower Upper
42 100
74 110.0 86.3 129.5
44 5.8 4.0 6.0





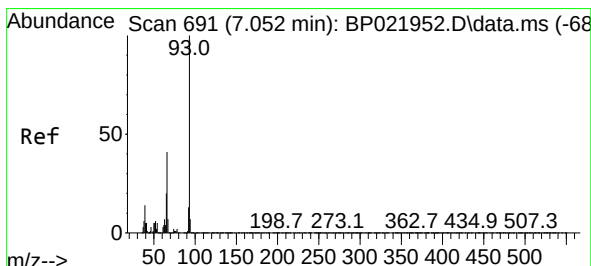
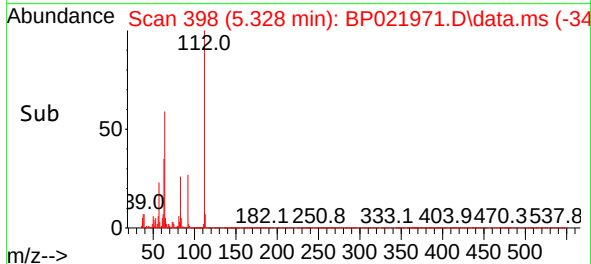
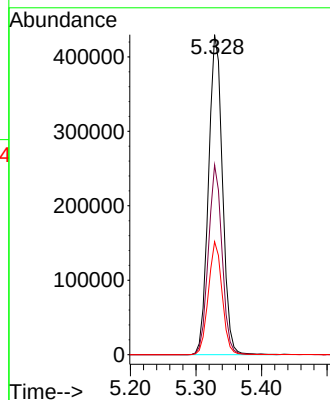
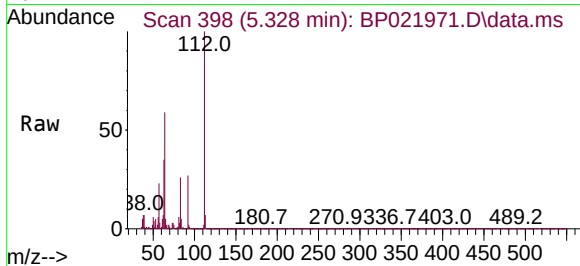
#5
2-Fluorophenol
Concen: 129.537 ng
RT: 5.328 min Scan# 399
Delta R.T. -0.006 min
Lab File: BP021971.D
Acq: 20 Sep 2024 17:32

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

Tgt Ion:112 Resp: 63705
Ion Ratio Lower Upper
112 100
64 59.3 45.4 68.0
63 35.3 26.6 39.8

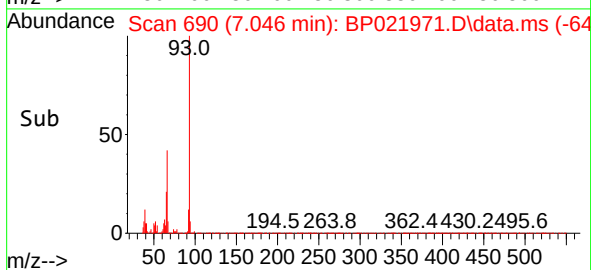
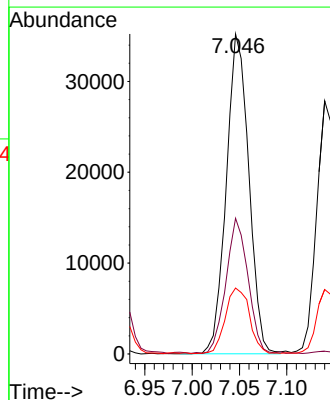
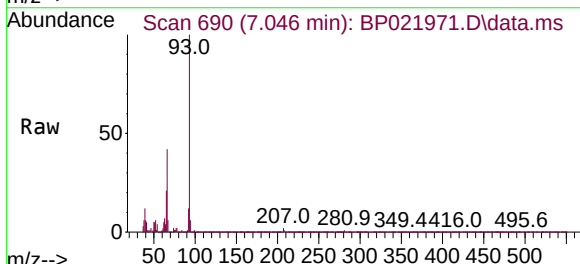
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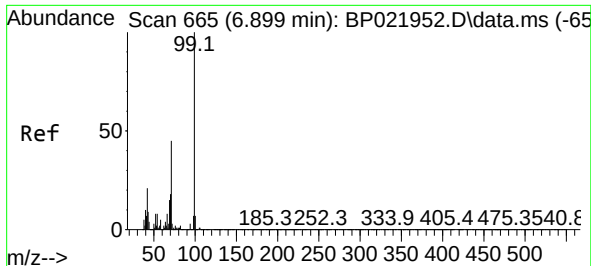
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/24/2024



#6
Aniline
Concen: 10.381 ng
RT: 7.046 min Scan# 690
Delta R.T. -0.006 min
Lab File: BP021971.D
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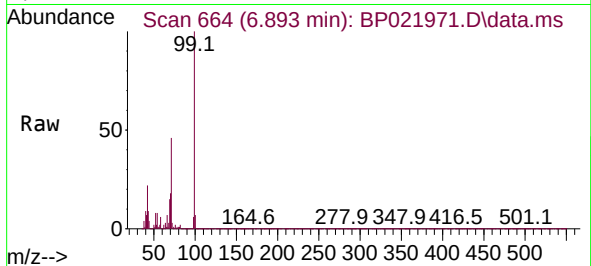
Tgt Ion: 93 Resp: 58241
Ion Ratio Lower Upper
93 100
66 42.4 33.0 49.4
65 20.6 16.1 24.1





#7
Phenol-d6
Concen: 131.616 ng
RT: 6.893 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP021971.D
Acq: 20 Sep 2024 17:32

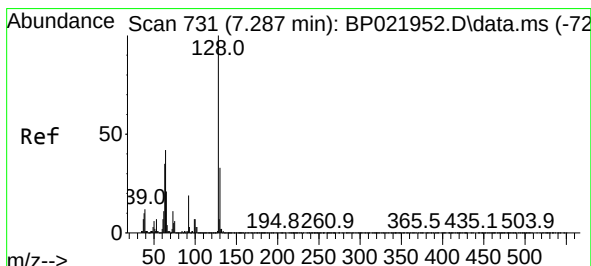
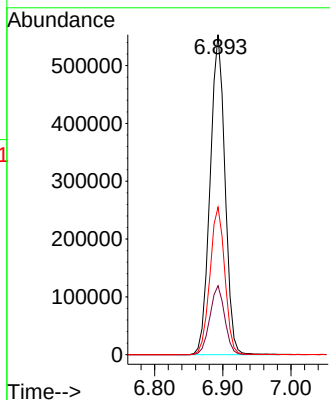
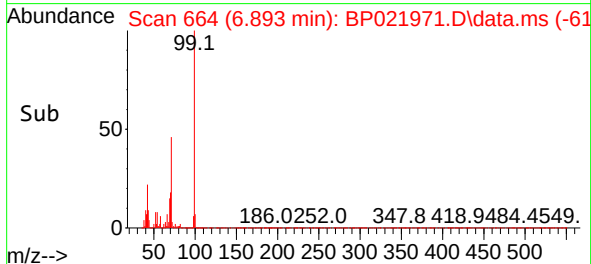
Instrument :
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Tgt Ion: 99 Resp: 840278
Ion Ratio Lower Upper
99 100
42 21.5 16.8 25.2
71 46.1 35.8 53.6

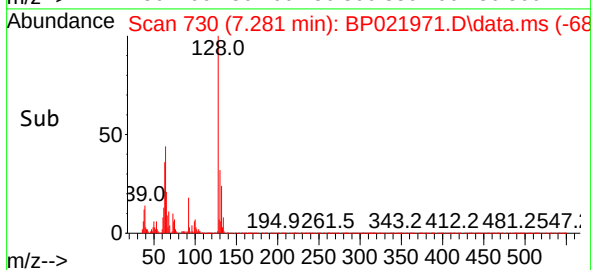
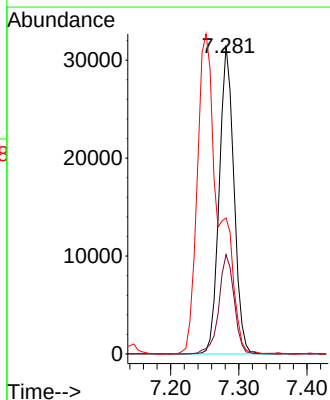
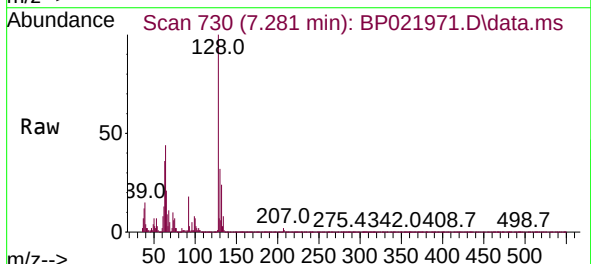
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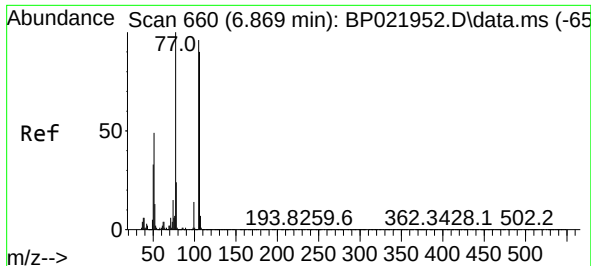
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/24/2024



#8
2-Chlorophenol
Concen: 8.964 ng
RT: 7.281 min Scan# 730
Delta R.T. -0.006 min
Lab File: BP021971.D
Acq: 20 Sep 2024 17:32

Tgt Ion:128 Resp: 47139
Ion Ratio Lower Upper
128 100
130 32.2 13.1 53.1
64 44.1 22.1 62.1





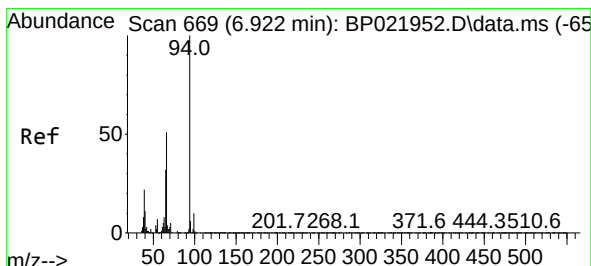
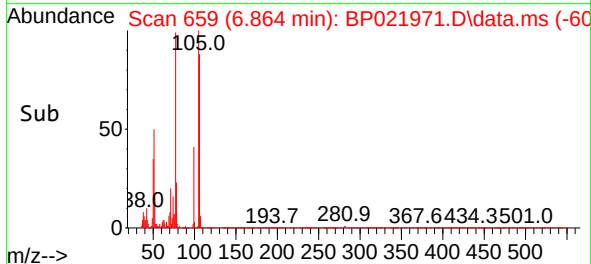
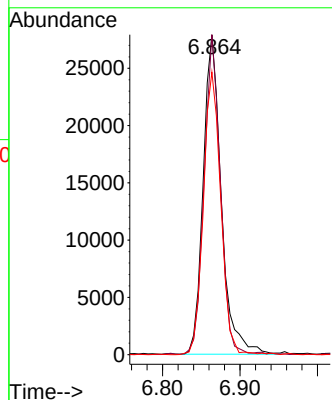
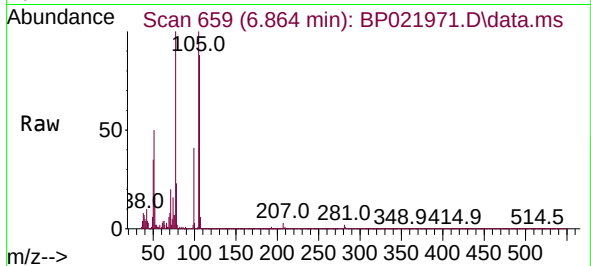
#9
Benzaldehyde
Concen: 13.552 ng
RT: 6.864 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP021971.D
Acq: 20 Sep 2024 17:32

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

Tgt Ion: 77 Resp: 45240
Ion Ratio Lower Upper
77 100
105 100.0 76.1 116.1
106 88.3 69.9 109.9

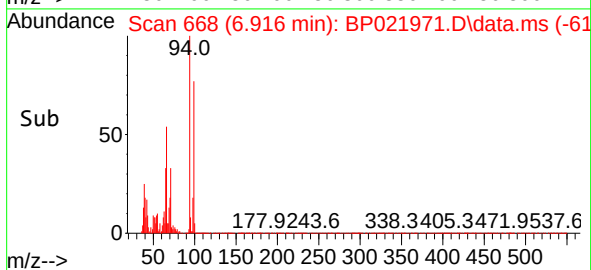
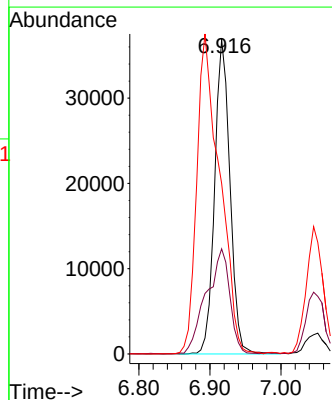
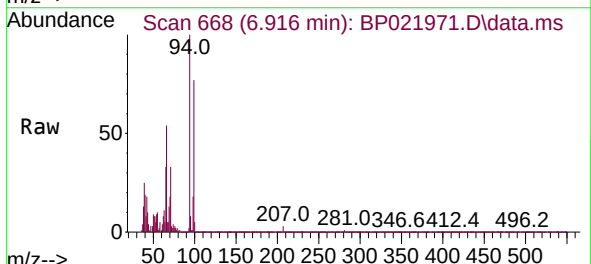
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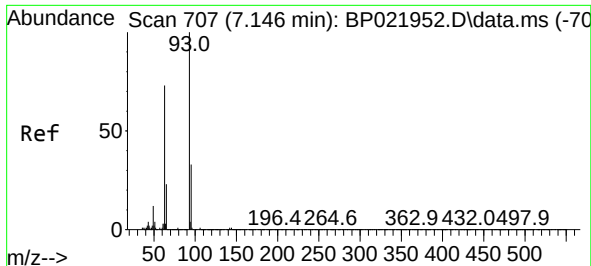
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/24/2024



#10
Phenol
Concen: 8.731 ng
RT: 6.916 min Scan# 668
Delta R.T. -0.006 min
Lab File: BP021971.D
Acq: 20 Sep 2024 17:32

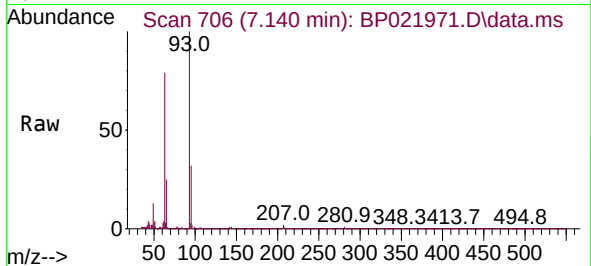
Tgt Ion: 94 Resp: 55366
Ion Ratio Lower Upper
94 100
65 33.4 12.5 52.5
66 54.2 31.2 71.2





#11
bis(2-Chloroethyl)ether
Concen: 8.812 ng
RT: 7.140 min Scan# 707
Delta R.T. -0.006 min
Lab File: BP021971.D
Acq: 20 Sep 2024 17:32

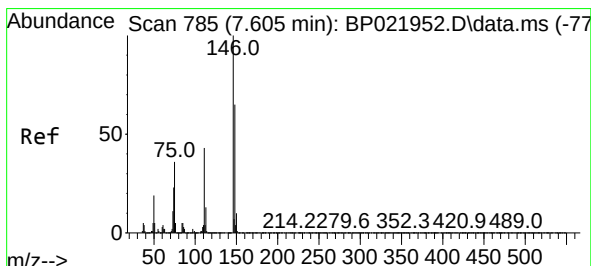
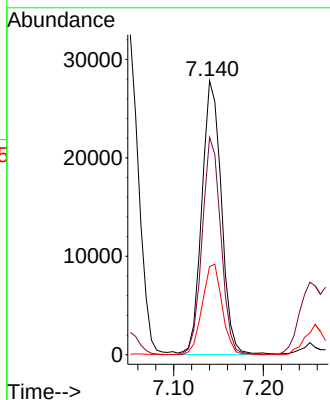
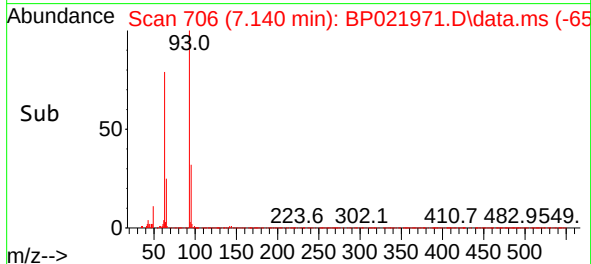
Instrument : BNA_P
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 93 Resp: 42093
Ion Ratio Lower Upper
93 100
63 79.3 53.0 93.0
95 32.1 12.4 52.4

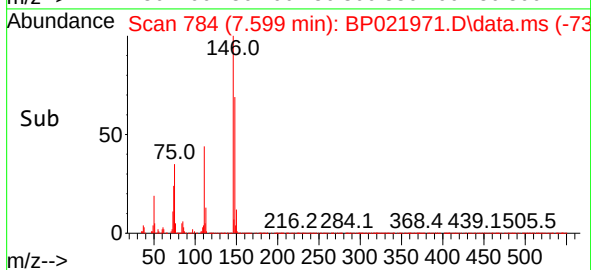
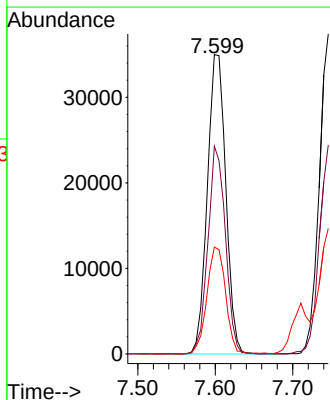
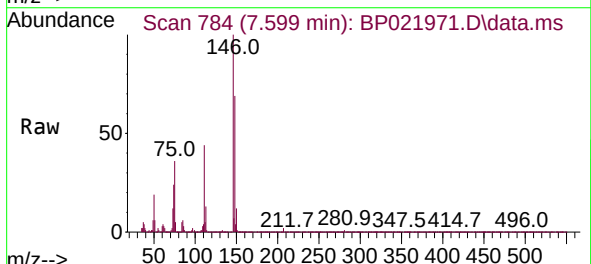
Manual Integrations
APPROVED

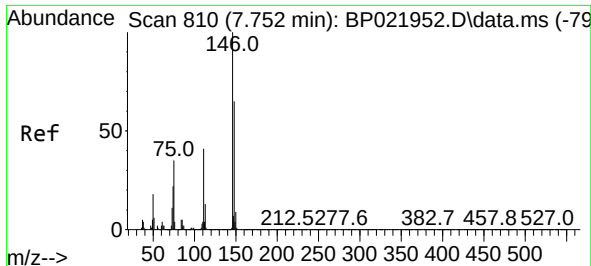
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/24/2024



#12
1,3-Dichlorobenzene
Concen: 8.723 ng
RT: 7.599 min Scan# 784
Delta R.T. -0.006 min
Lab File: BP021971.D
Acq: 20 Sep 2024 17:32

Tgt Ion:146 Resp: 57913
Ion Ratio Lower Upper
146 100
148 69.4 52.3 78.5
75 35.7 29.0 43.6





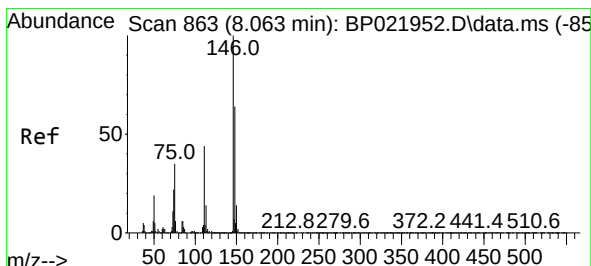
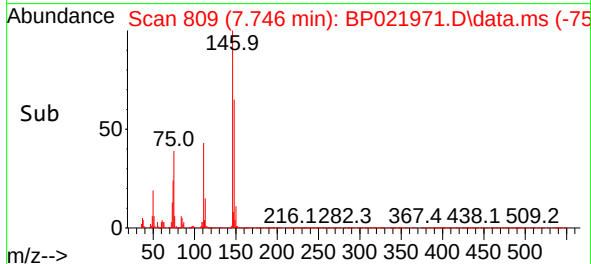
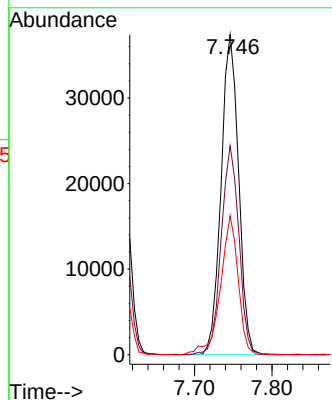
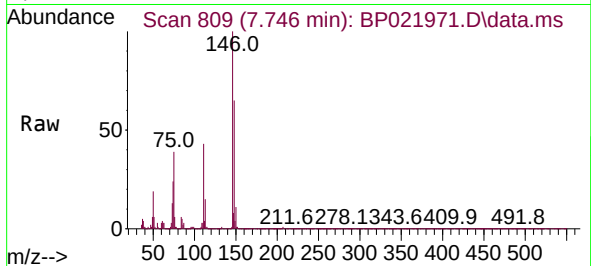
#13
1,4-Dichlorobenzene
Concen: 8.723 ng
RT: 7.746 min Scan# 809
Delta R.T. -0.006 min
Lab File: BP021971.D
Acq: 20 Sep 2024 17:32

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

Tgt Ion:146 Resp: 58730
Ion Ratio Lower Upper
146 100
148 65.3 52.2 78.4
111 43.4 32.6 48.8

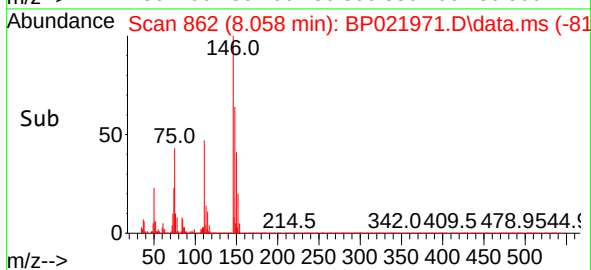
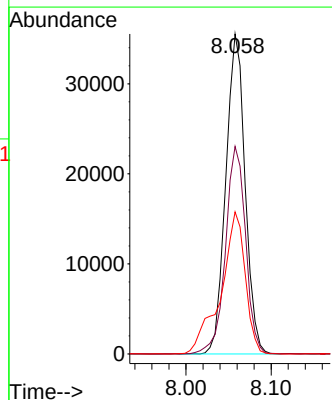
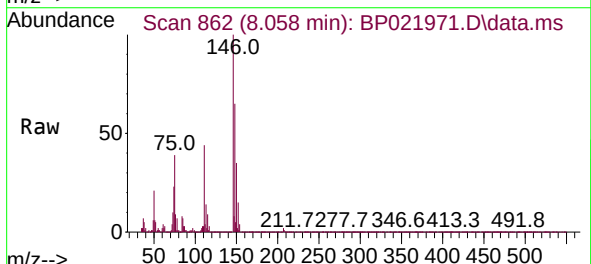
Manual Integrations
APPROVED

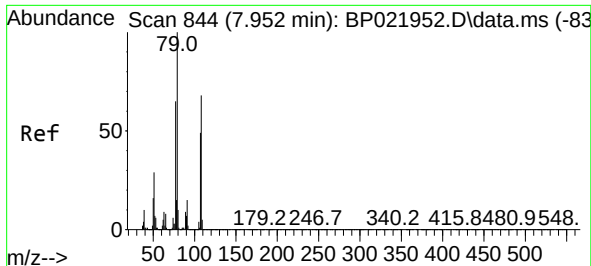
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/24/2024



#14
1,2-Dichlorobenzene
Concen: 8.637 ng
RT: 8.058 min Scan# 862
Delta R.T. -0.006 min
Lab File: BP021971.D
Acq: 20 Sep 2024 17:32

Tgt Ion:146 Resp: 55814
Ion Ratio Lower Upper
146 100
148 64.9 51.3 76.9
111 44.4 35.6 53.4





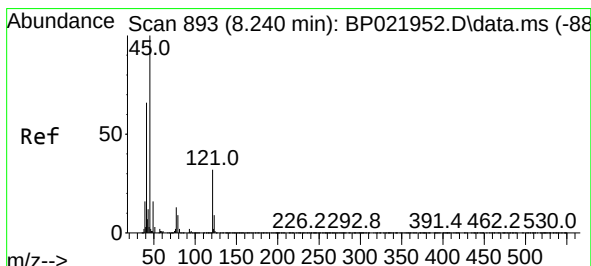
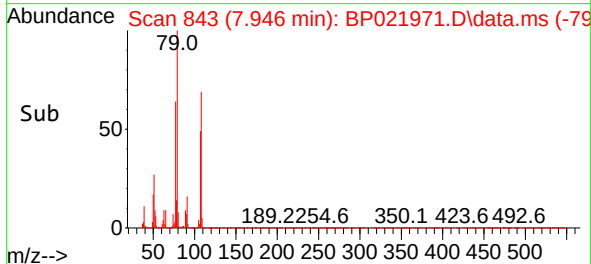
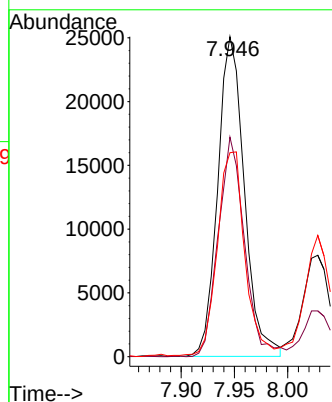
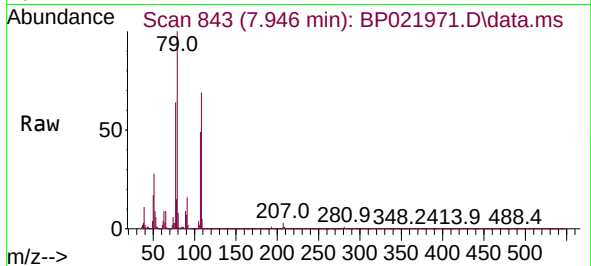
#15
Benzyl Alcohol
Concen: 8.867 ng
RT: 7.946 min Scan# 844
Delta R.T. -0.006 min
Lab File: BP021971.D
Acq: 20 Sep 2024 17:32

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

Tgt Ion: 79 Resp: 4341
Ion Ratio Lower Upper
79 100
108 68.6 54.7 82.1
77 63.8 51.8 77.8

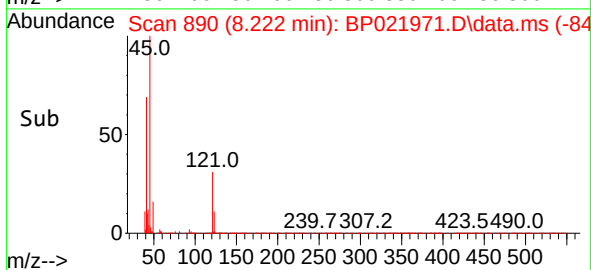
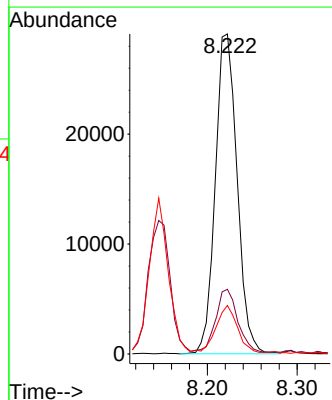
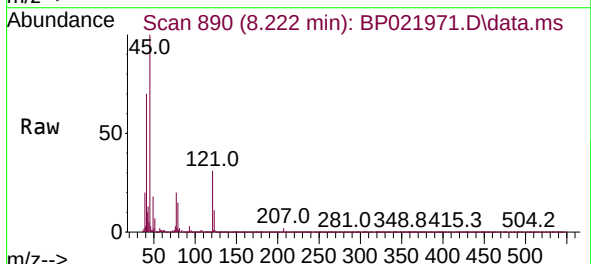
Manual Integrations
APPROVED

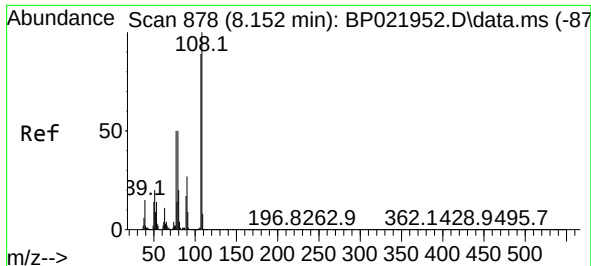
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/24/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.656 ng
RT: 8.222 min Scan# 890
Delta R.T. -0.018 min
Lab File: BP021971.D
Acq: 20 Sep 2024 17:32

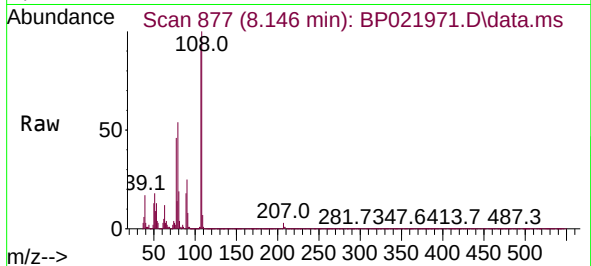
Tgt Ion: 45 Resp: 49193
Ion Ratio Lower Upper
45 100
77 20.2 0.0 39.5
79 15.2 0.0 34.9





#17
2-Methylphenol
Concen: 8.358 ng
RT: 8.146 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP021971.D
Acq: 20 Sep 2024 17:32

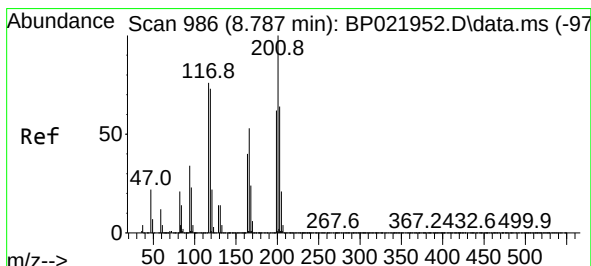
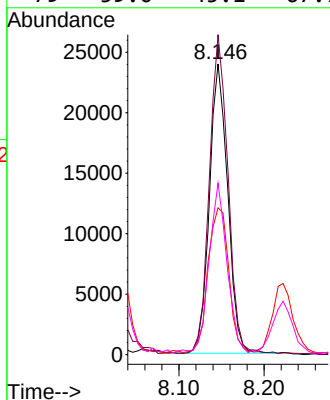
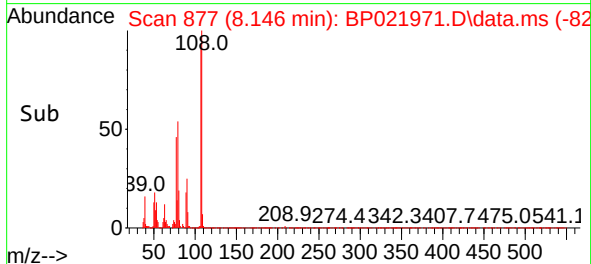
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion:107 Resp: 3580
Ion Ratio Lower Upper
107 100
108 110.1 90.3 135.5
77 50.5 45.1 67.7
79 59.0 45.1 67.7

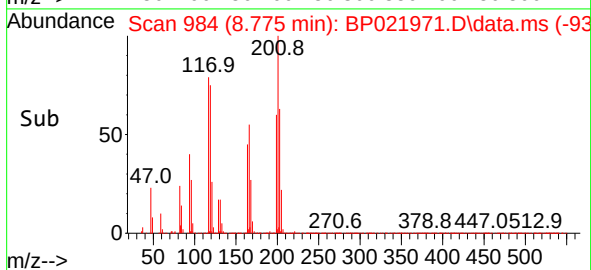
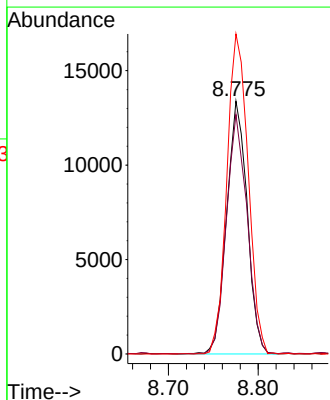
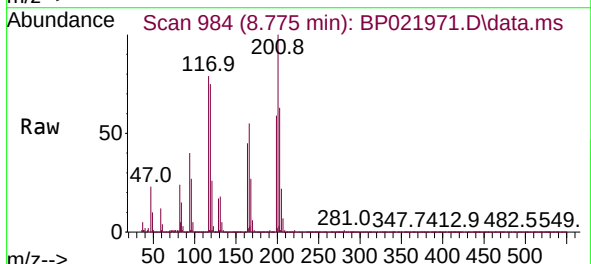
Manual Integrations
APPROVED

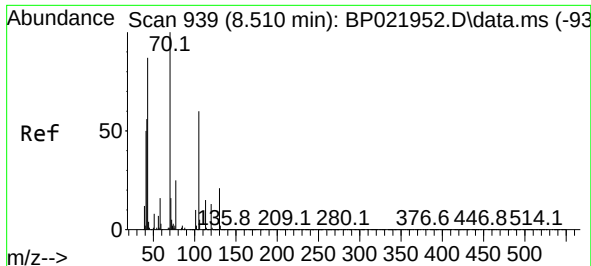
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/24/2024



#18
Hexachloroethane
Concen: 8.602 ng
RT: 8.775 min Scan# 984
Delta R.T. -0.012 min
Lab File: BP021971.D
Acq: 20 Sep 2024 17:32

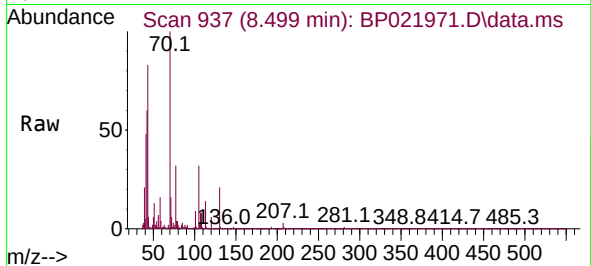
Tgt Ion:117 Resp: 21296
Ion Ratio Lower Upper
117 100
119 94.7 77.0 115.4
201 126.6 105.6 158.4





#19
n-Nitroso-di-n-propylamine
Concen: 9.154 ng
RT: 8.499 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP021971.D
Acq: 20 Sep 2024 17:32

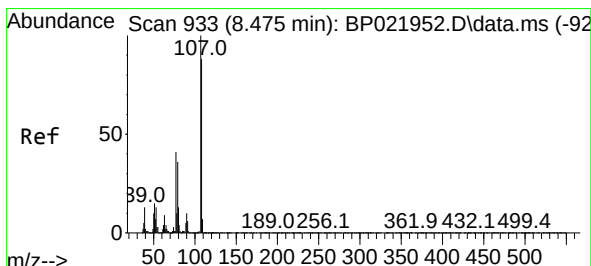
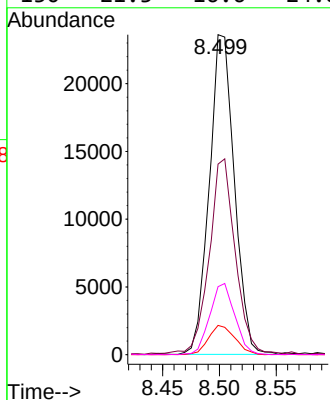
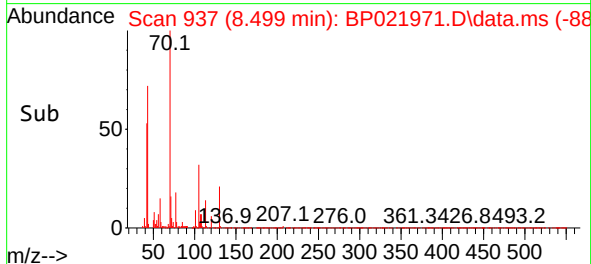
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



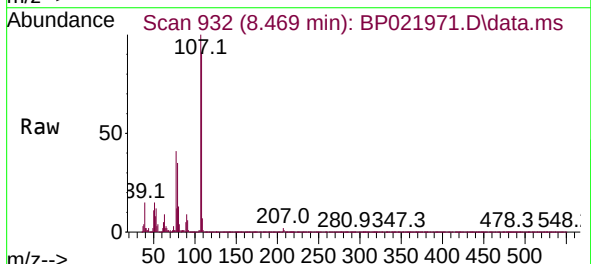
Tgt Ion: 70 Resp: 36324
Ion Ratio Lower Upper
70 100
42 59.6 45.2 67.8
101 9.1 7.8 11.6
130 21.3 16.6 24.8

Manual Integrations
APPROVED

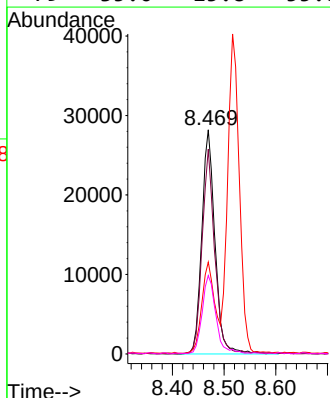
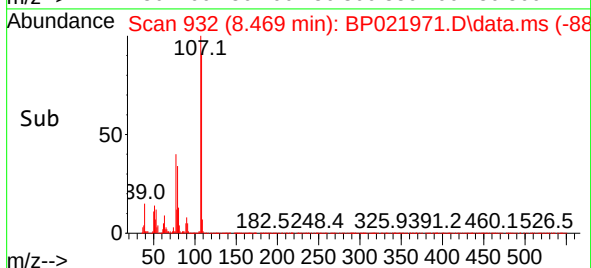
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/24/2024

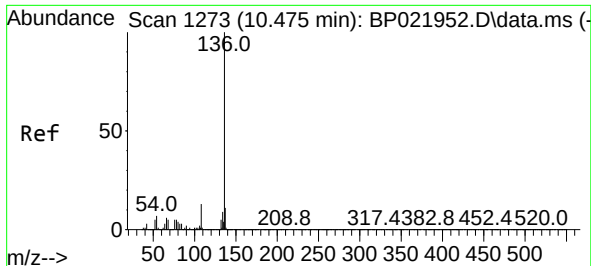


#20
3+4-Methylphenols
Concen: 8.262 ng
RT: 8.469 min Scan# 932
Delta R.T. -0.006 min
Lab File: BP021971.D
Acq: 20 Sep 2024 17:32



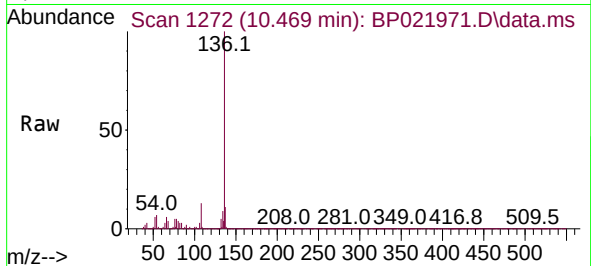
Tgt Ion:107 Resp: 49960
Ion Ratio Lower Upper
107 100
108 91.4 68.3 108.3
77 41.0 20.6 60.6
79 35.0 15.8 55.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.469 min Scan# 10
Delta R.T. -0.006 min
Lab File: BP021971.D
Acq: 20 Sep 2024 17:32

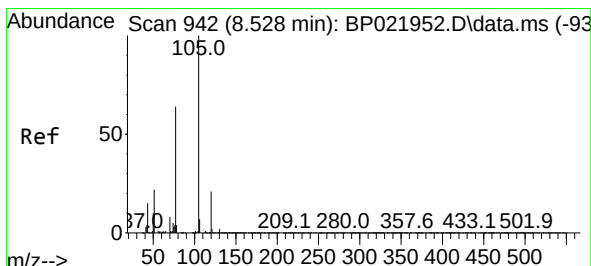
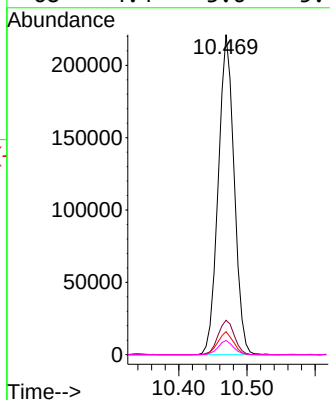
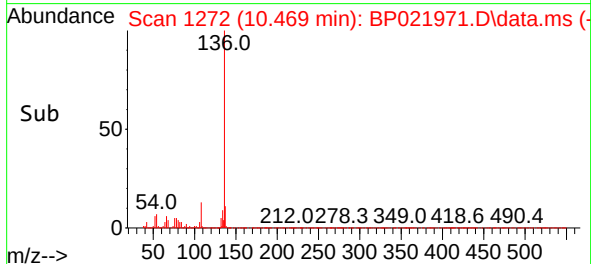
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion:136 Resp: 358928
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.2 5.5 8.3
68 4.4 3.6 5.4

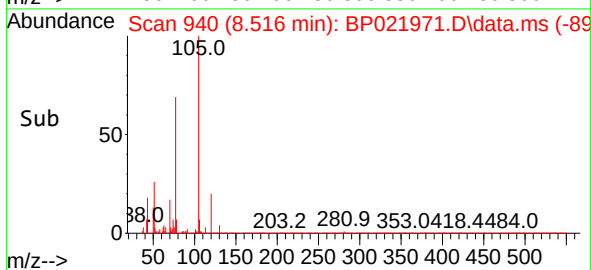
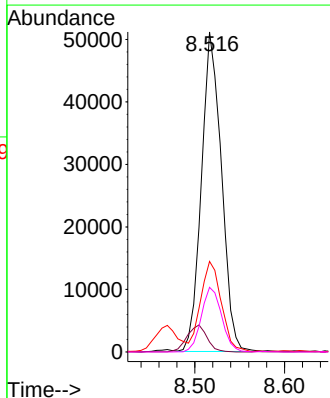
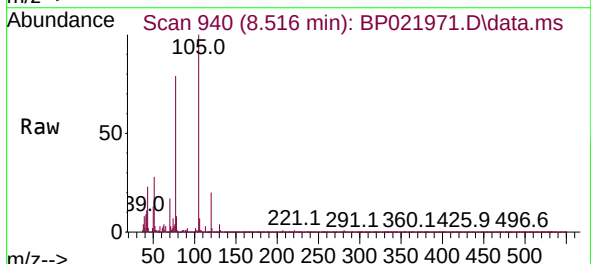
Manual Integrations
APPROVED

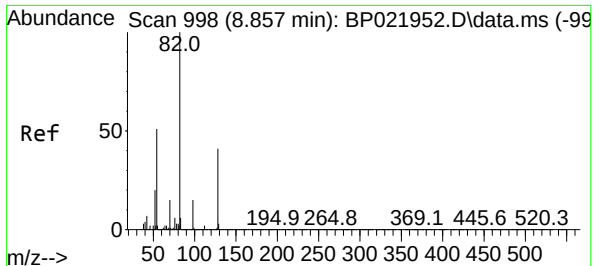
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/24/2024



#22
Acetophenone
Concen: 9.036 ng
RT: 8.516 min Scan# 940
Delta R.T. -0.012 min
Lab File: BP021971.D
Acq: 20 Sep 2024 17:32

Tgt Ion:105 Resp: 79116
Ion Ratio Lower Upper
105 100
71 3.1 1.4 2.0#
51 28.3 22.1 33.1
120 20.2 16.8 25.2





#23

Nitrobenzene-d5

Concen: 96.389 ng

RT: 8.852 min Scan# 998

Delta R.T. -0.006 min

Lab File: BP021971.D

Acq: 20 Sep 2024 17:32

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 82 Resp: 653840

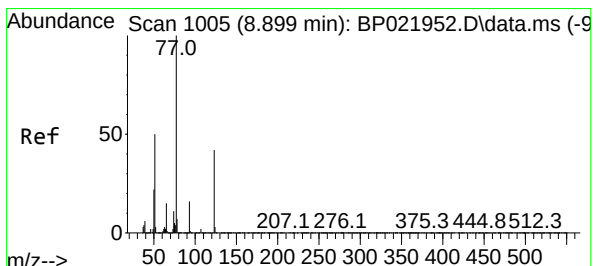
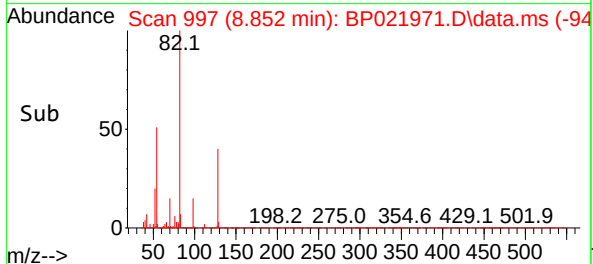
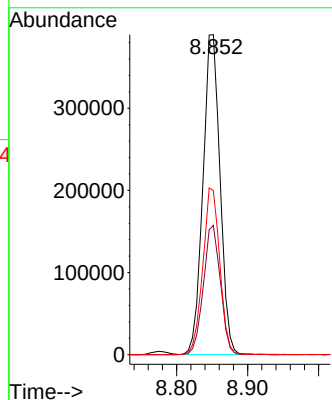
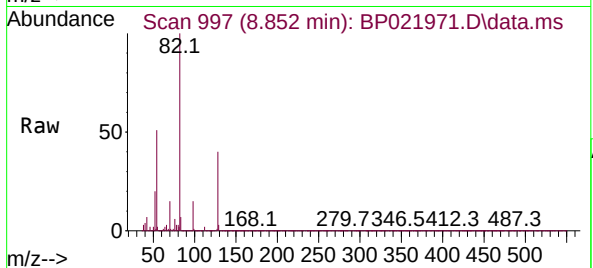
Ion	Ratio	Lower	Upper
82	100		
128	40.4	33.1	49.7
54	51.3	40.3	60.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/24/2024



#24

Nitrobenzene

Concen: 9.058 ng

RT: 8.893 min Scan# 1004

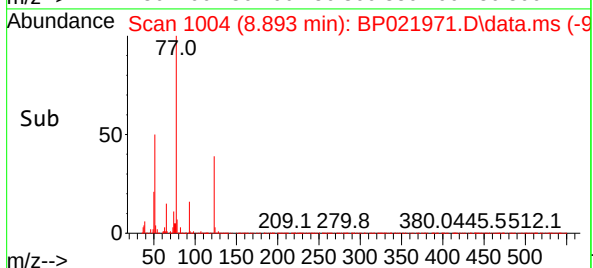
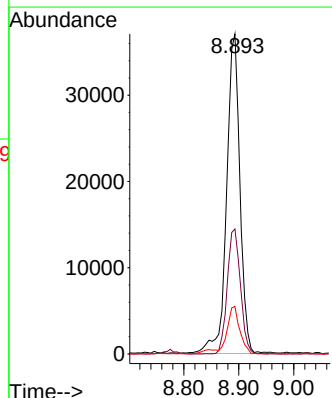
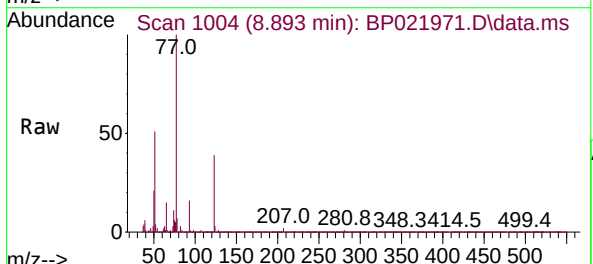
Delta R.T. -0.006 min

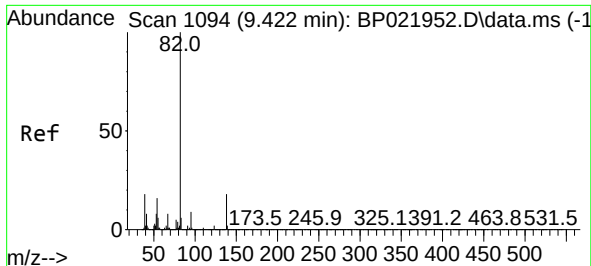
Lab File: BP021971.D

Acq: 20 Sep 2024 17:32

Tgt Ion: 77 Resp: 62399

Ion	Ratio	Lower	Upper
77	100		
123	39.1	33.9	50.9
65	14.9	12.0	18.0





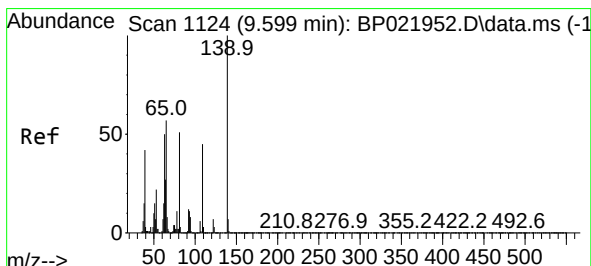
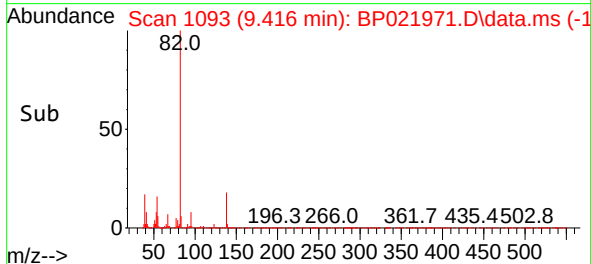
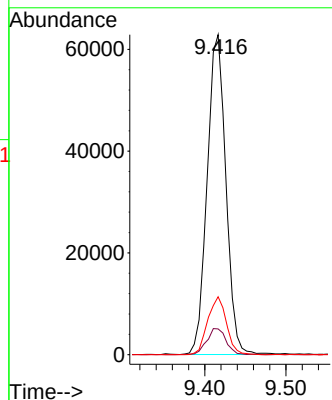
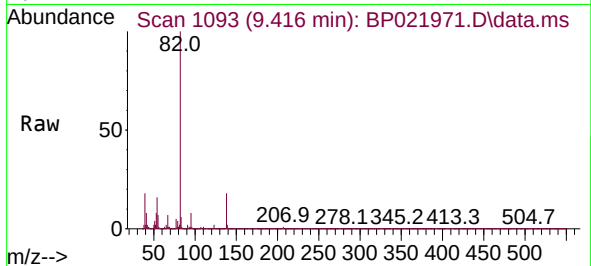
#25
Isophorone
Concen: 9.008 ng
RT: 9.416 min Scan# 1093
Delta R.T. -0.006 min
Lab File: BP021971.D
Acq: 20 Sep 2024 17:32

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

Tgt Ion: 82 Resp: 100738
Ion Ratio Lower Upper
82 100
95 8.1 7.0 10.6
138 18.1 14.6 21.8

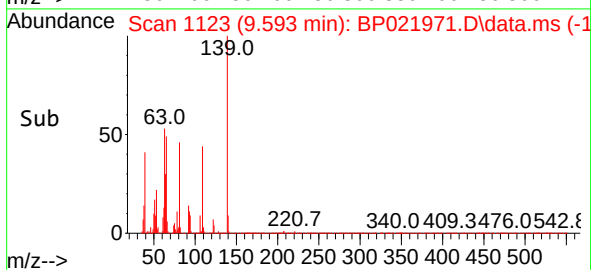
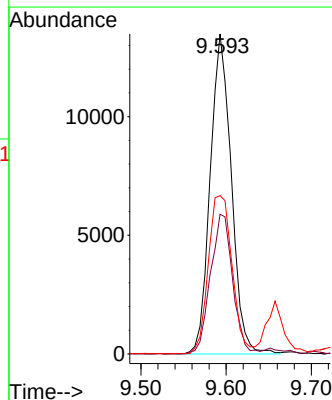
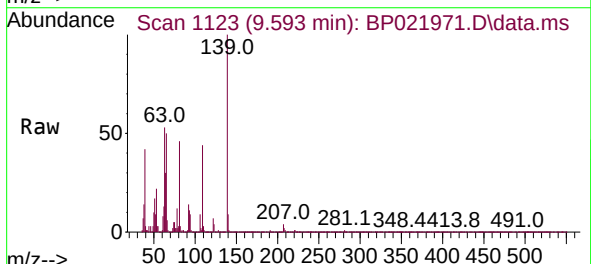
Manual Integrations
APPROVED

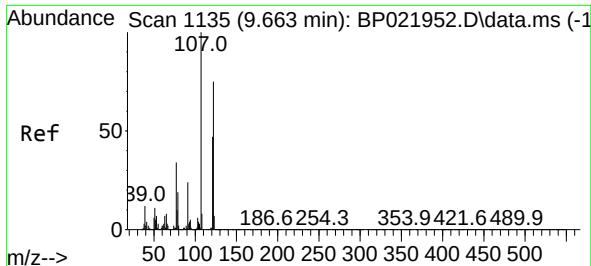
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/24/2024



#26
2-Nitrophenol
Concen: 7.715 ng
RT: 9.593 min Scan# 1123
Delta R.T. -0.006 min
Lab File: BP021971.D
Acq: 20 Sep 2024 17:32

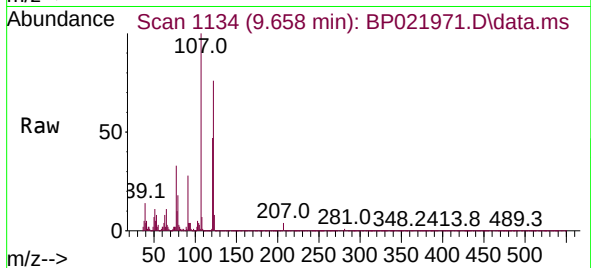
Tgt Ion:139 Resp: 23238
Ion Ratio Lower Upper
139 100
109 43.6 36.0 54.0
65 49.5 45.7 68.5





#27
2,4-Dimethylphenol
Concen: 6.371 ng
RT: 9.658 min Scan# 1134
Delta R.T. -0.006 min
Lab File: BP021971.D
Acq: 20 Sep 2024 17:32

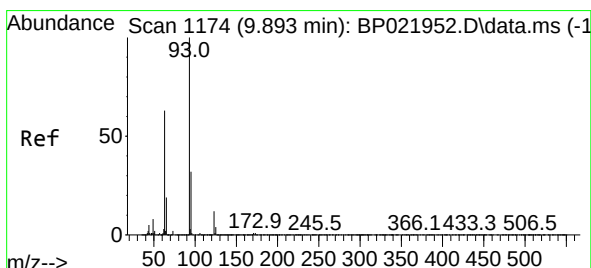
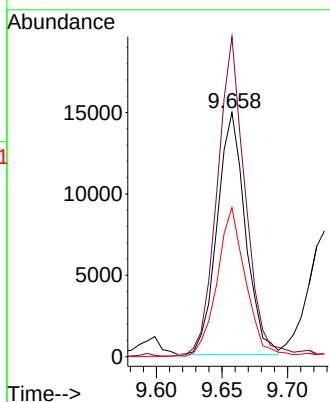
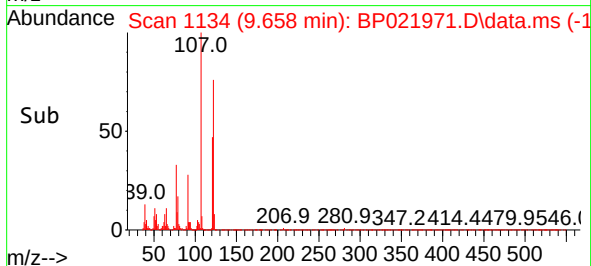
Instrument : BNA_P
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 122 Resp: 2222
Ion Ratio Lower Upper
122 100
107 131.1 106.1 159.1
121 61.1 49.6 74.4

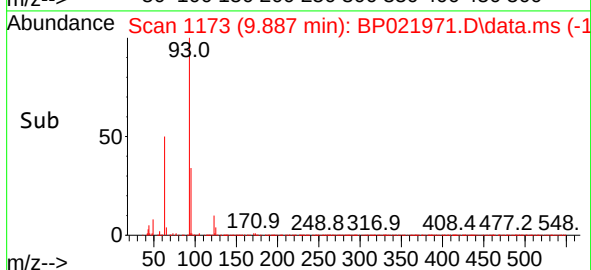
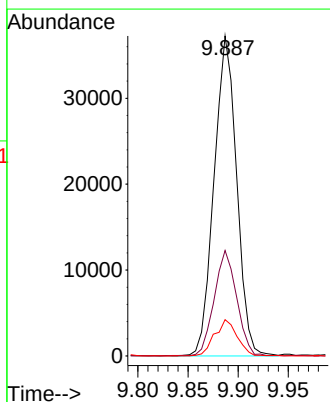
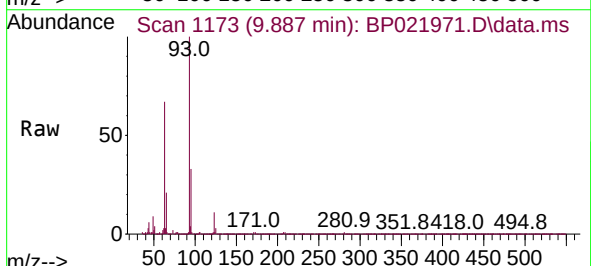
Manual Integrations
APPROVED

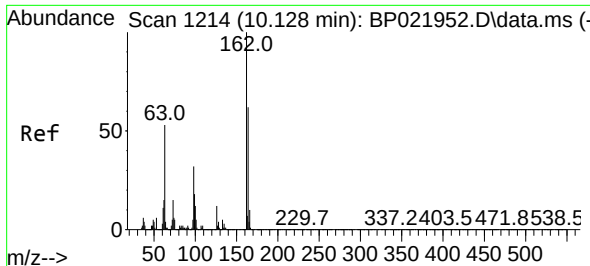
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/24/2024



#28
bis(2-Chloroethoxy)methane
Concen: 8.687 ng
RT: 9.887 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BP021971.D
Acq: 20 Sep 2024 17:32

Tgt Ion: 93 Resp: 58249
Ion Ratio Lower Upper
93 100
95 33.0 25.7 38.5
123 11.4 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 8.272 ng

RT: 10.122 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BP021971.D

Acq: 20 Sep 2024 17:32

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

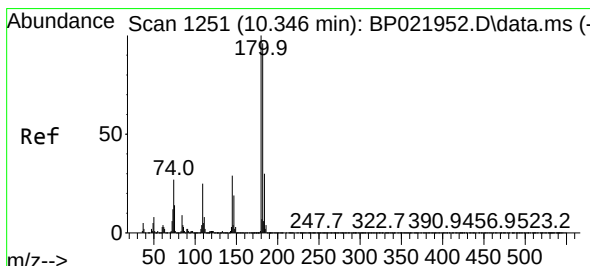
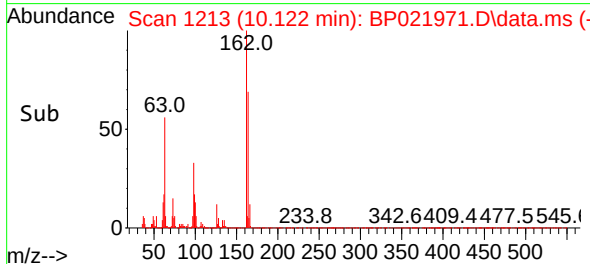
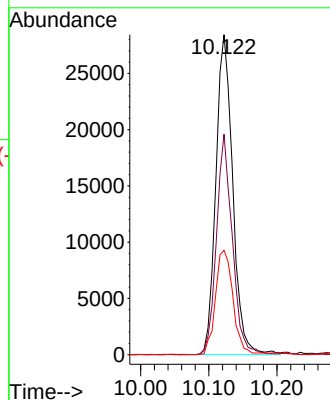
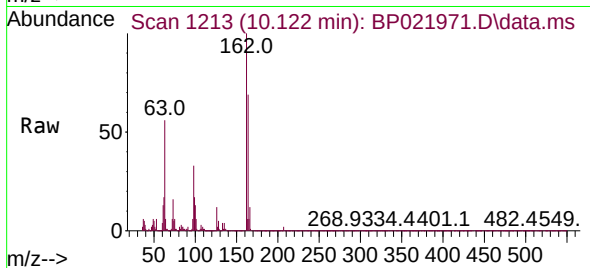
Tgt Ion:	162	Resp:	48970
Ion Ratio	Lower	Upper	
162	100		
164	68.9	41.7	81.7
98	32.6	12.4	52.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/24/2024



#30

1,2,4-Trichlorobenzene

Concen: 8.411 ng

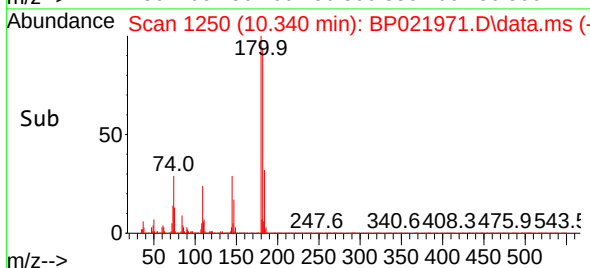
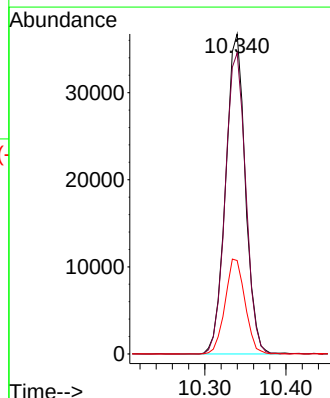
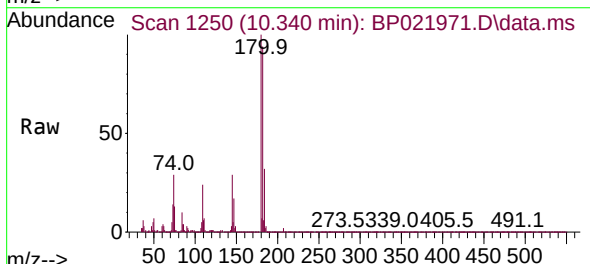
RT: 10.340 min Scan# 1250

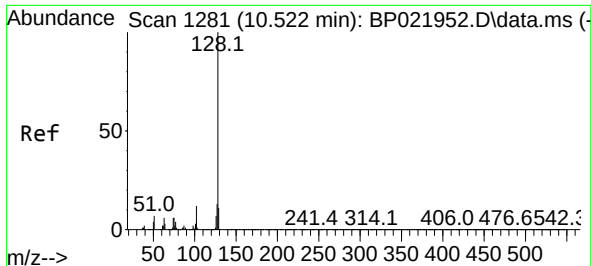
Delta R.T. -0.006 min

Lab File: BP021971.D

Acq: 20 Sep 2024 17:32

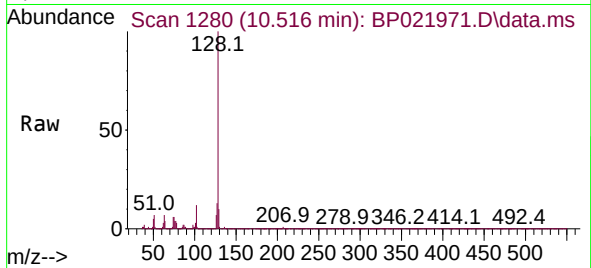
Tgt Ion:	180	Resp:	62021
Ion Ratio	Lower	Upper	
180	100		
182	94.1	77.0	115.4
145	29.2	23.0	34.6





#31
Naphthalene
Concen: 8.712 ng
RT: 10.516 min Scan# 1128
Delta R.T. -0.006 min
Lab File: BP021971.D
Acq: 20 Sep 2024 17:32

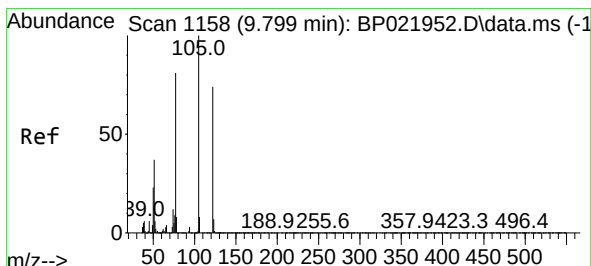
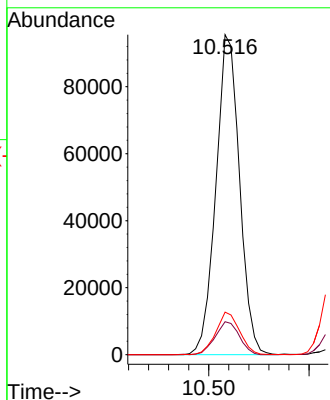
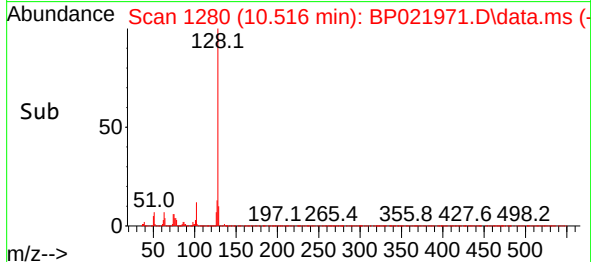
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion:128 Resp: 15603
Ion Ratio Lower Upper
128 100
129 10.3 8.6 13.0
127 13.3 10.6 15.8

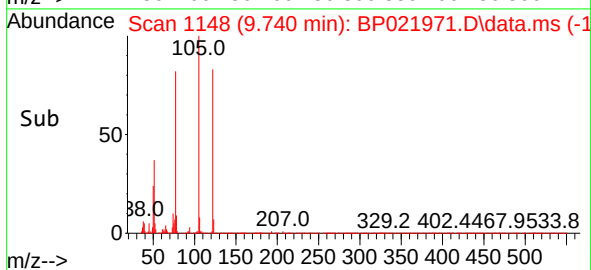
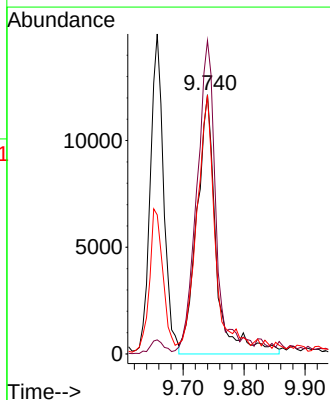
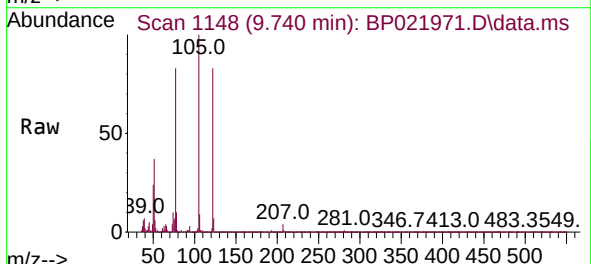
Manual Integrations
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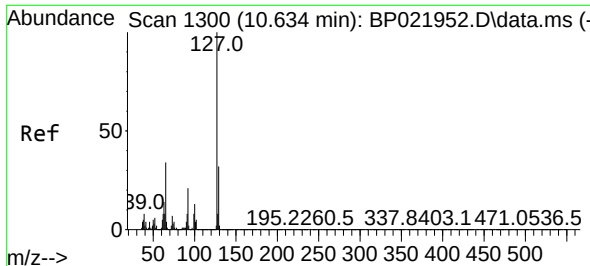
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/24/2024



#32
Benzoic acid
Concen: 6.560 ng m
RT: 9.740 min Scan# 1148
Delta R.T. -0.059 min
Lab File: BP021971.D
Acq: 20 Sep 2024 17:32

Tgt Ion:122 Resp: 26746
Ion Ratio Lower Upper
122 100
105 120.9 111.3 151.3
77 99.9 86.7 126.7





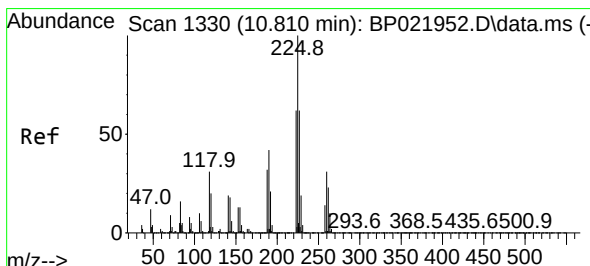
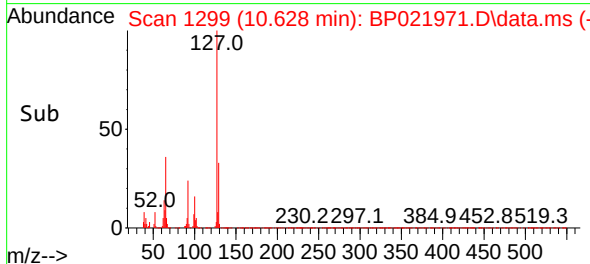
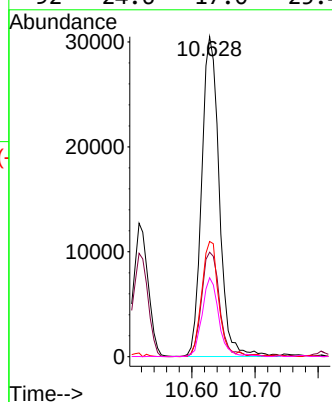
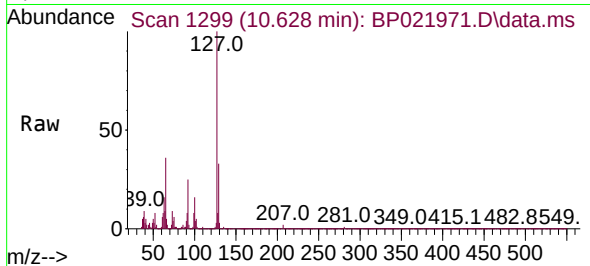
#33
4-Chloroaniline
Concen: 9.109 ng
RT: 10.628 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BP021971.D
Acq: 20 Sep 2024 17:32

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

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.4	38.0
65	36.0	27.4	41.2
92	24.6	17.0	25.4

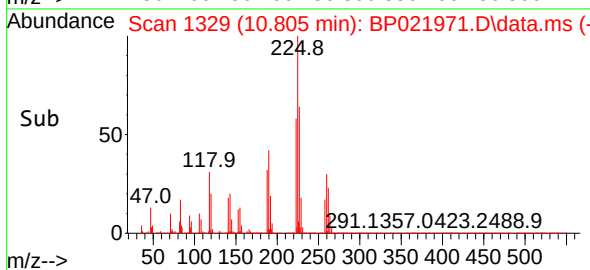
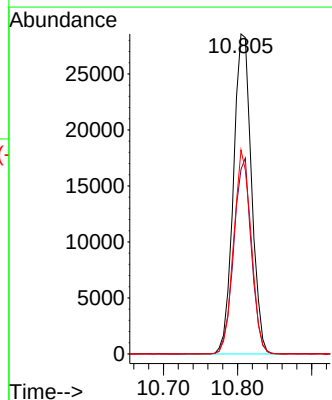
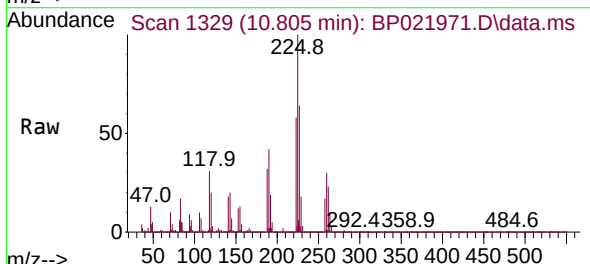
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APPROVED

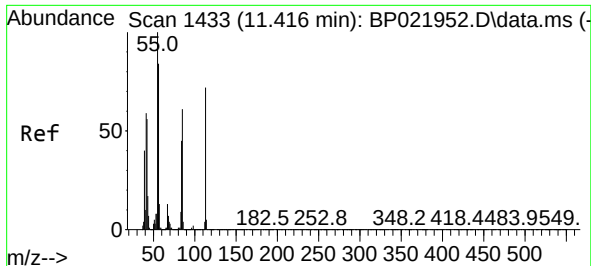
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/24/2024



#34
Hexachlorobutadiene
Concen: 8.336 ng
RT: 10.805 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BP021971.D
Acq: 20 Sep 2024 17:32

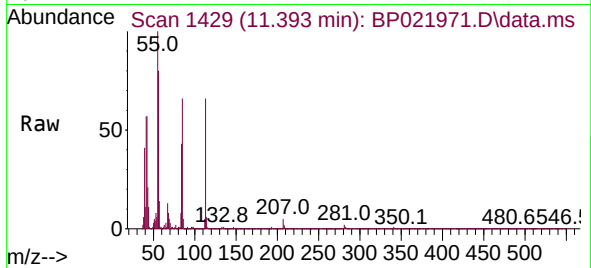
Tgt Ion	Ratio	Lower	Upper
225	100		
223	57.7	50.0	75.0
227	63.8	49.7	74.5





#35
Caprolactam
Concen: 7.844 ng
RT: 11.393 min Scan# 1433
Delta R.T. -0.023 min
Lab File: BP021971.D
Acq: 20 Sep 2024 17:32

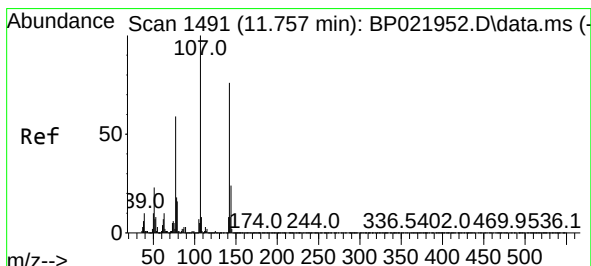
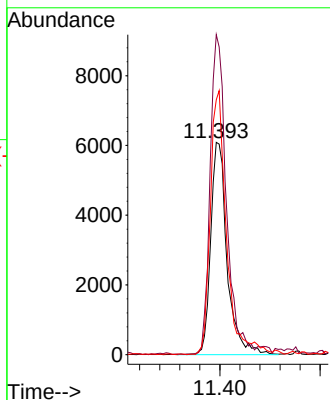
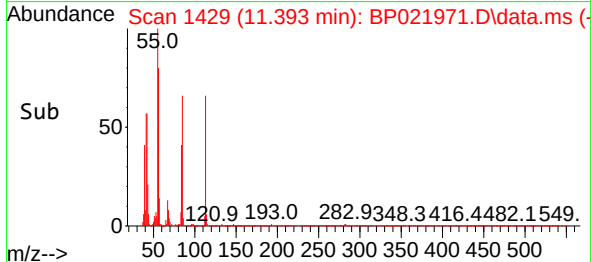
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



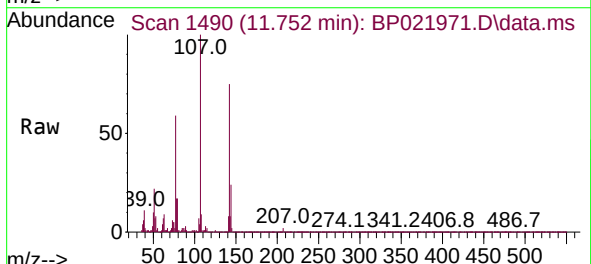
Tgt Ion:113 Resp: 13819
Ion Ratio Lower Upper
113 100
55 150.7 119.4 159.4
56 120.0 97.1 137.1

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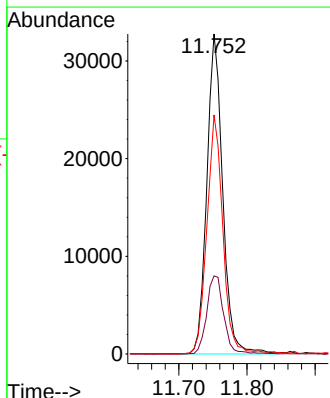
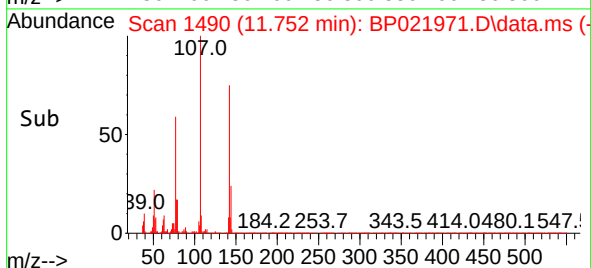
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/24/2024

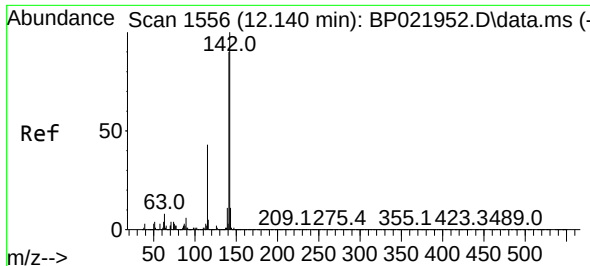


#36
4-Chloro-3-methylphenol
Concen: 8.367 ng
RT: 11.752 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BP021971.D
Acq: 20 Sep 2024 17:32



Tgt Ion:107 Resp: 53137
Ion Ratio Lower Upper
107 100
144 24.4 19.0 28.4
142 74.7 60.4 90.6





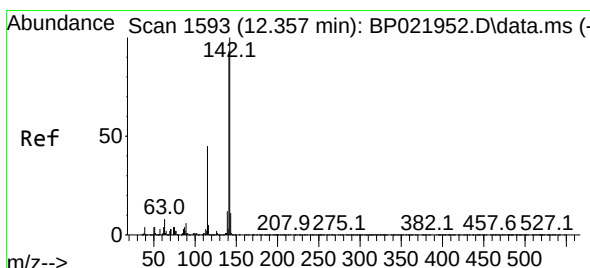
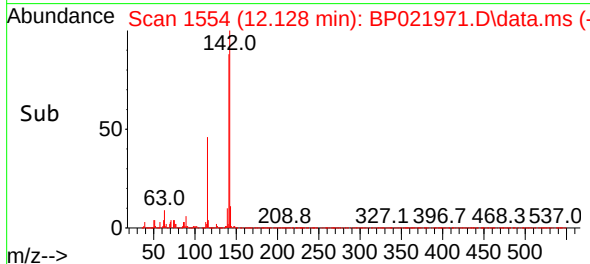
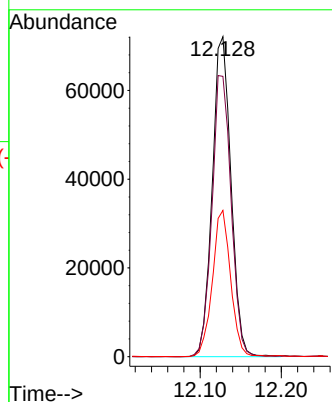
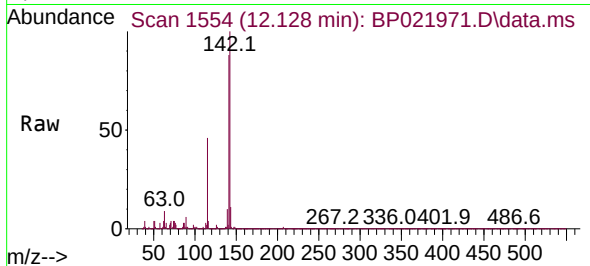
#37
2-Methylnaphthalene
Concen: 8.827 ng
RT: 12.128 min Scan# 1156
Delta R.T. -0.012 min
Lab File: BP021971.D
Acq: 20 Sep 2024 17:32

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

Tgt Ion:142 Resp: 11566
Ion Ratio Lower Upper
142 100
141 87.6 71.7 107.5
115 45.7 34.6 51.8

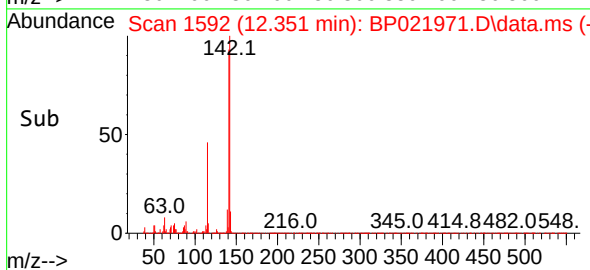
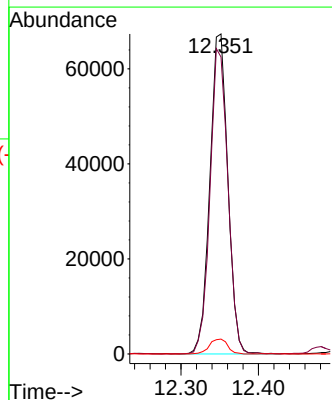
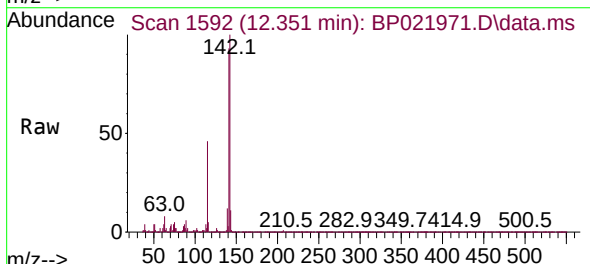
Manual Integrations
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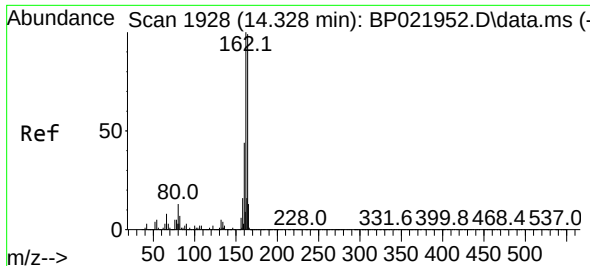
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/24/2024



#38
1-Methylnaphthalene
Concen: 8.384 ng
RT: 12.351 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BP021971.D
Acq: 20 Sep 2024 17:32

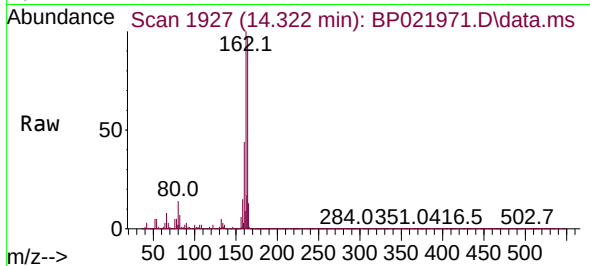
Tgt Ion:142 Resp: 108469
Ion Ratio Lower Upper
142 100
141 92.8 74.1 111.1
116 4.7 3.8 5.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.322 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BP021971.D
Acq: 20 Sep 2024 17:32

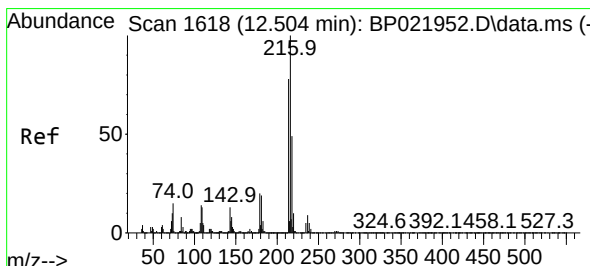
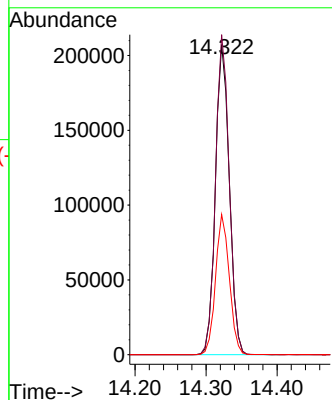
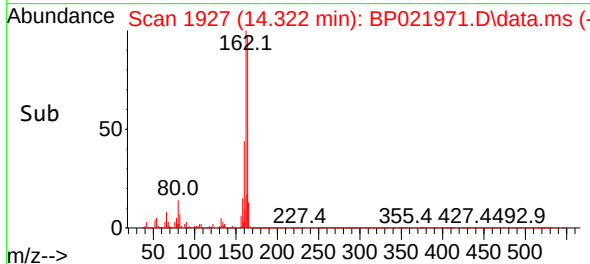
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion:164 Resp: 28081
Ion Ratio Lower Upper
164 100
162 103.2 81.2 121.8
160 45.2 35.9 53.9

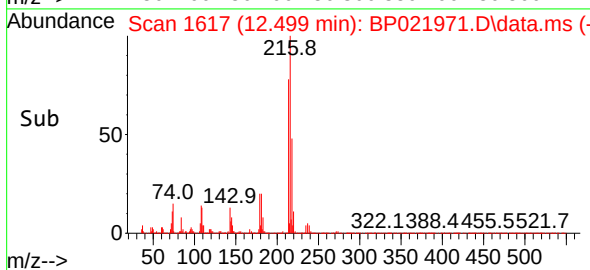
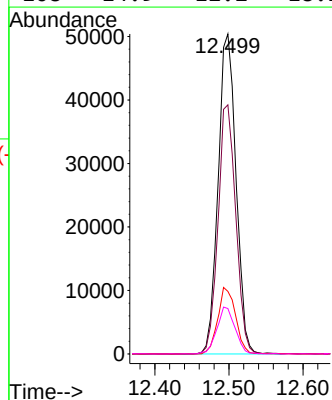
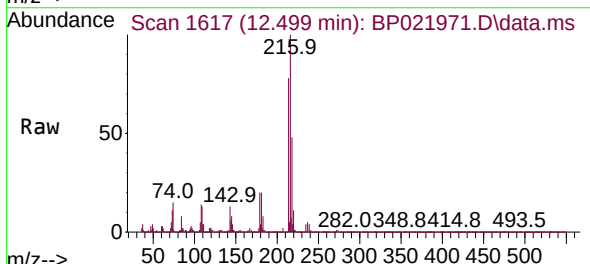
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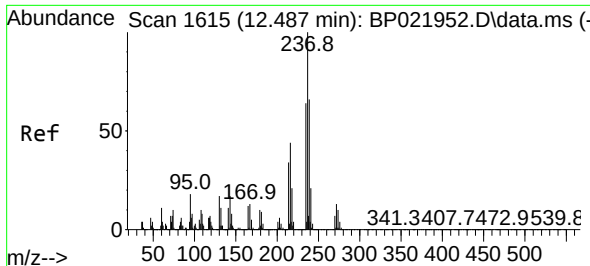
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/24/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.605 ng
RT: 12.499 min Scan# 1617
Delta R.T. -0.006 min
Lab File: BP021971.D
Acq: 20 Sep 2024 17:32

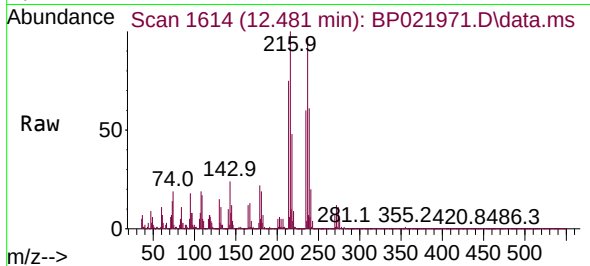
Tgt Ion:216 Resp: 84537
Ion Ratio Lower Upper
216 100
214 77.1 62.8 94.2
179 20.7 16.4 24.6
108 14.9 12.2 18.2





#41
Hexachlorocyclopentadiene
Concen: 6.165 ng
RT: 12.481 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP021971.D
Acq: 20 Sep 2024 17:32

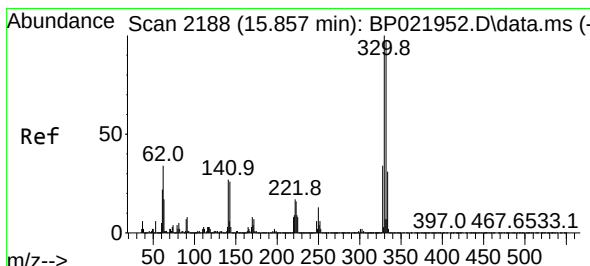
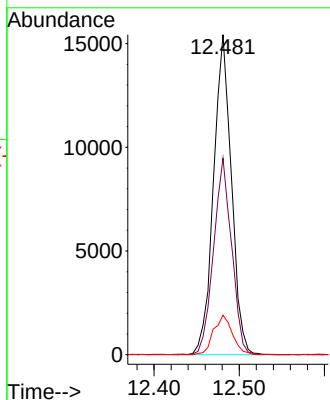
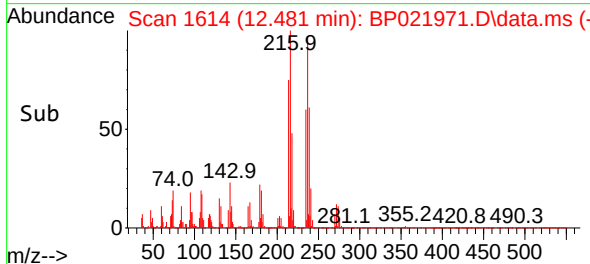
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 237 Resp: 22504
Ion Ratio Lower Upper
237 100
235 61.4 44.1 84.1
272 12.3 0.0 33.1

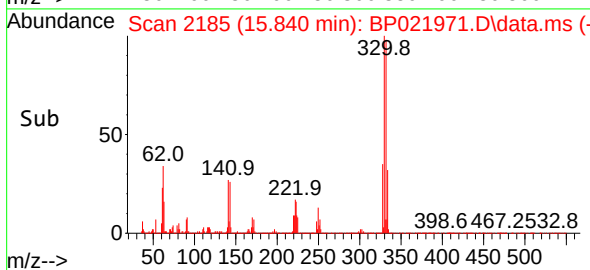
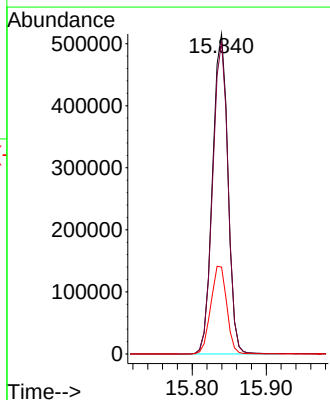
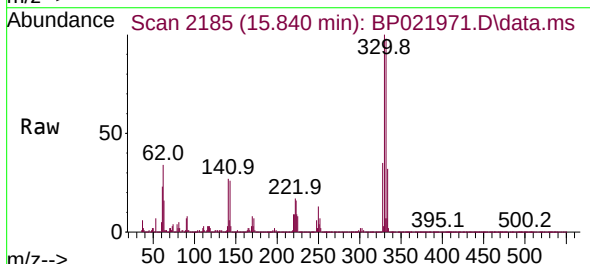
Manual Integrations
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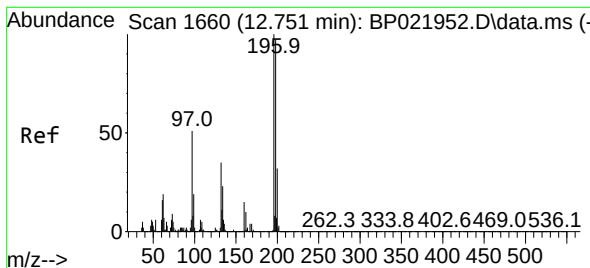
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/24/2024



#42
2,4,6-Tribromophenol
Concen: 142.275 ng
RT: 15.840 min Scan# 2185
Delta R.T. -0.018 min
Lab File: BP021971.D
Acq: 20 Sep 2024 17:32

Tgt Ion: 330 Resp: 740672
Ion Ratio Lower Upper
330 100
332 97.7 77.5 116.3
141 28.5 23.4 35.0





#43

2,4,6-Trichlorophenol

Concen: 7.799 ng

RT: 12.740 min Scan# 1658

Delta R.T. -0.012 min

Lab File: BP021971.D

Acq: 20 Sep 2024 17:32

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

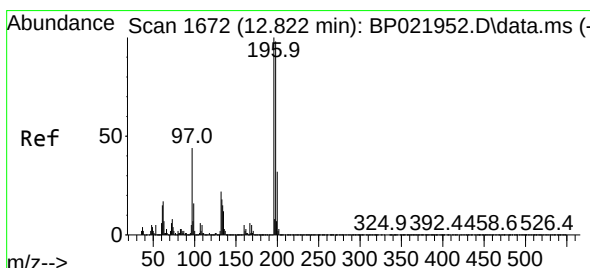
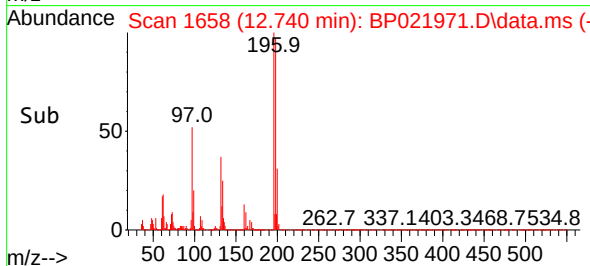
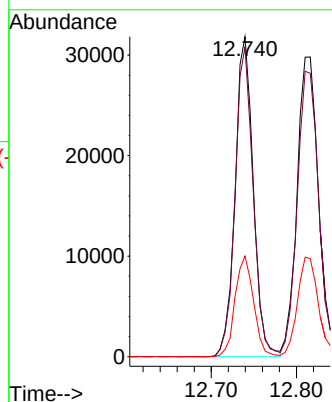
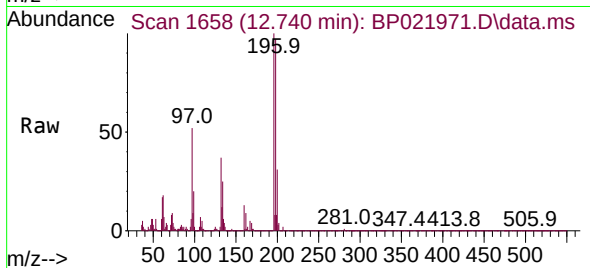
Tgt Ion:196	Resp:	4702
Ion Ratio	Lower	Upper
196	100	
198	96.8	77.6 116.4
200	31.5	25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/24/2024



#44

2,4,5-Trichlorophenol

Concen: 7.766 ng

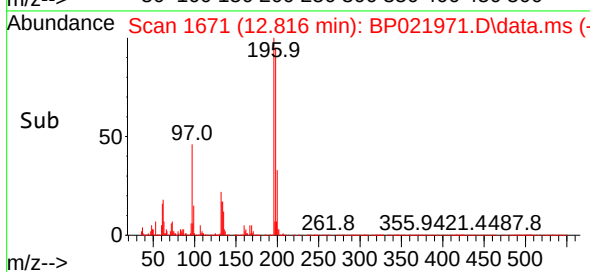
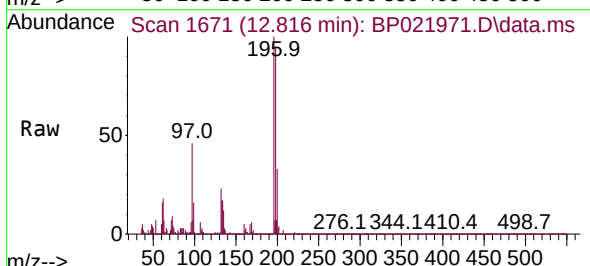
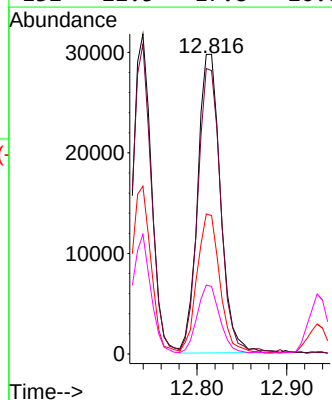
RT: 12.816 min Scan# 1671

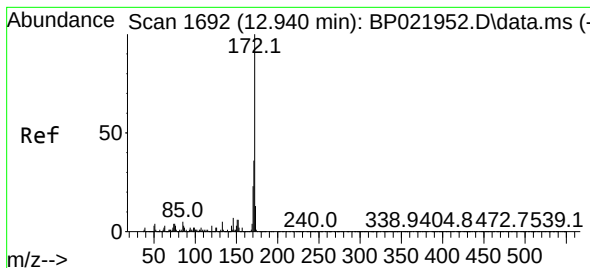
Delta R.T. -0.006 min

Lab File: BP021971.D

Acq: 20 Sep 2024 17:32

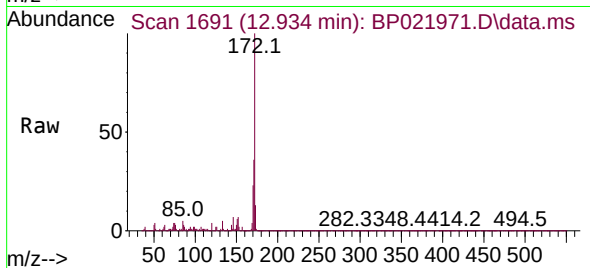
Tgt Ion:196	Resp:	52534
Ion Ratio	Lower	Upper
196	100	
198	94.6	78.2 117.4
97	46.2	35.0 52.4
132	22.5	17.8 26.8





#45
2-Fluorobiphenyl
Concen: 92.259 ng
RT: 12.934 min Scan# 1691
Delta R.T. -0.006 min
Lab File: BP021971.D
Acq: 20 Sep 2024 17:32

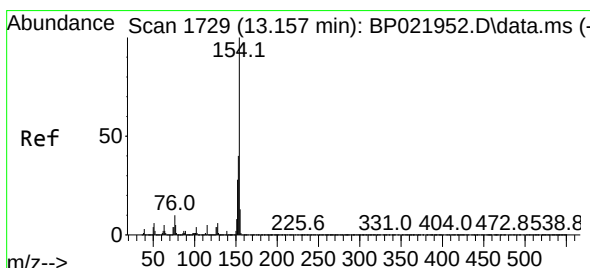
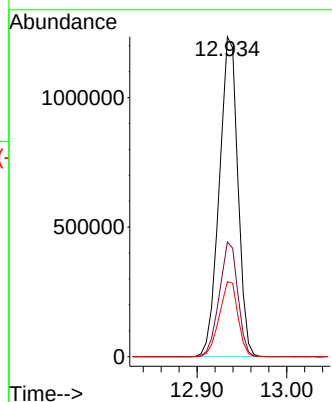
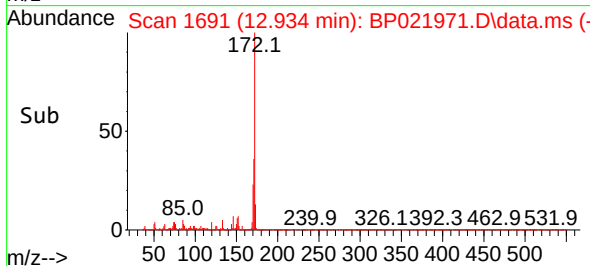
Instrument : BNA_P
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



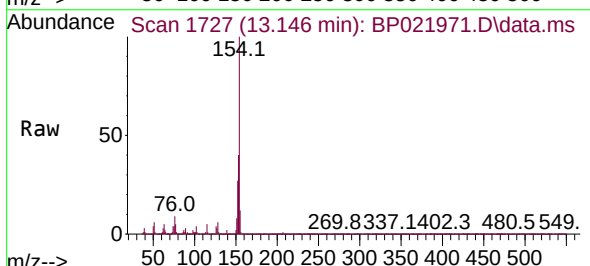
Tgt Ion:172 Resp: 1774750
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 23.5 18.8 28.2

Manual Integrations
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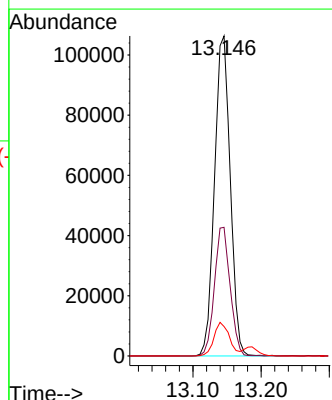
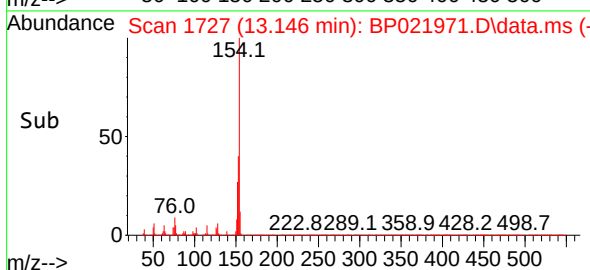
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/24/2024

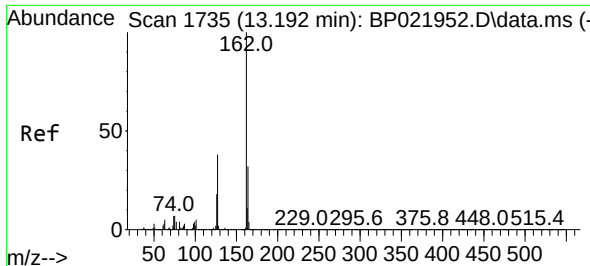


#46
1,1'-Biphenyl
Concen: 8.910 ng
RT: 13.146 min Scan# 1727
Delta R.T. -0.012 min
Lab File: BP021971.D
Acq: 20 Sep 2024 17:32



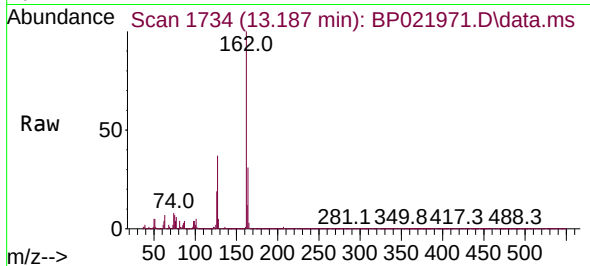
Tgt Ion:154 Resp: 170604
Ion Ratio Lower Upper
154 100
153 40.2 20.2 60.2
76 9.2 0.0 29.9





#47
2-Chloronaphthalene
Concen: 8.269 ng
RT: 13.187 min Scan# 1735
Delta R.T. -0.006 min
Lab File: BP021971.D
Acq: 20 Sep 2024 17:32

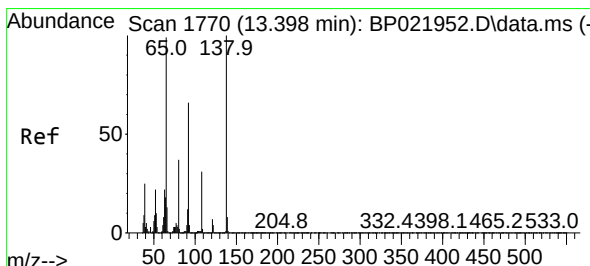
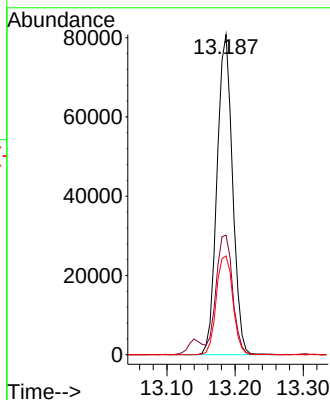
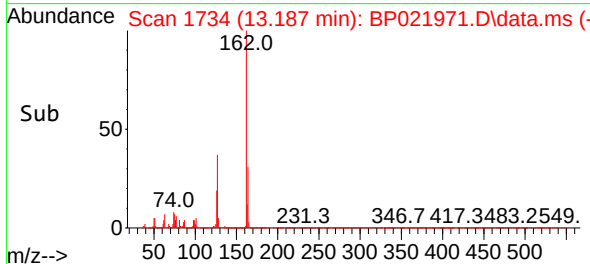
Instrument : BNA_P
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



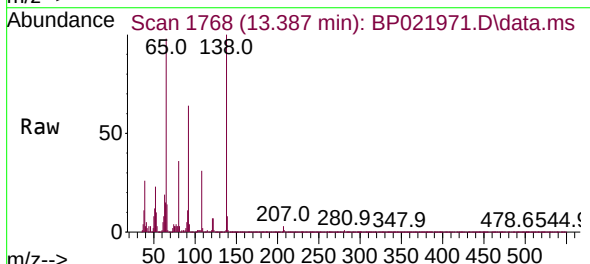
Tgt Ion: 162 Resp: 128015
Ion Ratio Lower Upper
162 100
127 37.3 31.7 47.5
164 30.8 25.9 38.9

Manual Integrations
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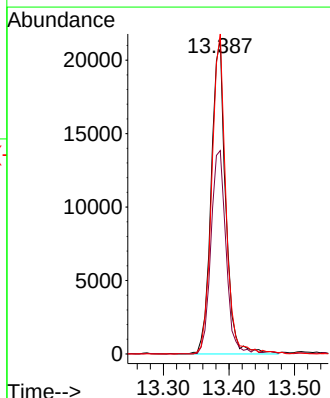
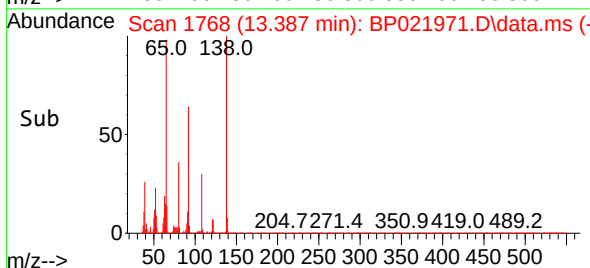
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/24/2024

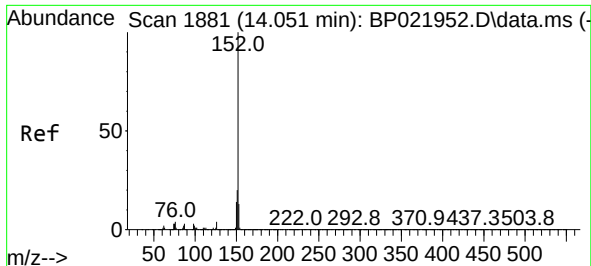


#48
2-Nitroaniline
Concen: 7.723 ng
RT: 13.387 min Scan# 1768
Delta R.T. -0.012 min
Lab File: BP021971.D
Acq: 20 Sep 2024 17:32



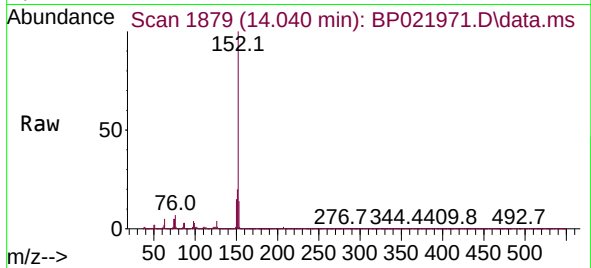
Tgt Ion: 65 Resp: 32650
Ion Ratio Lower Upper
65 100
92 64.8 53.2 79.8
138 101.9 81.1 121.7





#49
Acenaphthylene
Concen: 9.160 ng
RT: 14.040 min Scan# 1879
Delta R.T. -0.012 min
Lab File: BP021971.D
Acq: 20 Sep 2024 17:32

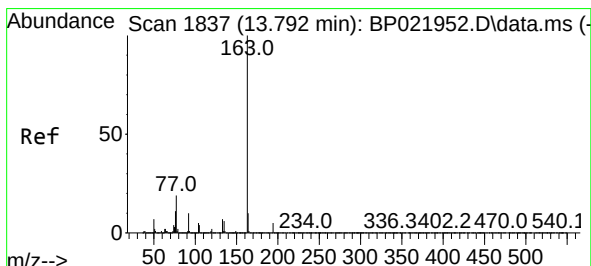
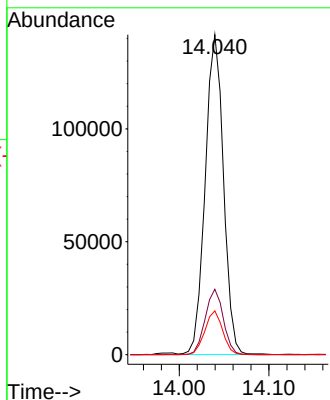
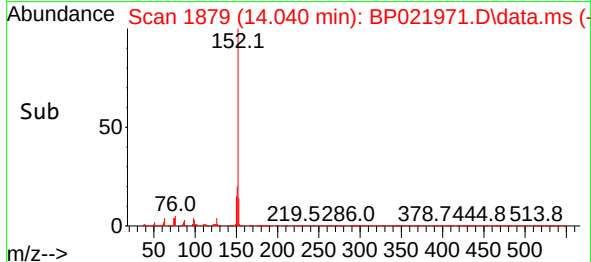
Instrument : BNA_P
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



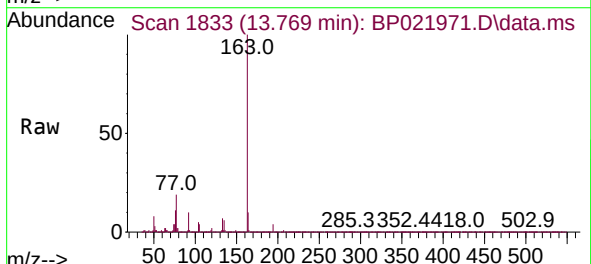
Tgt Ion:152 Resp: 200104
Ion Ratio Lower Upper
152 100
151 20.4 16.0 24.0
153 13.7 10.8 16.2

Manual Integrations
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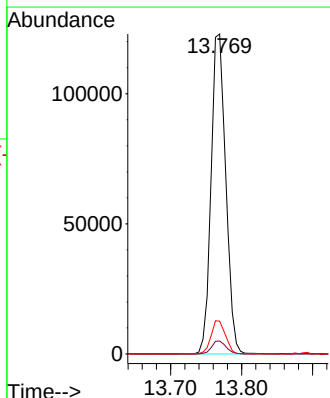
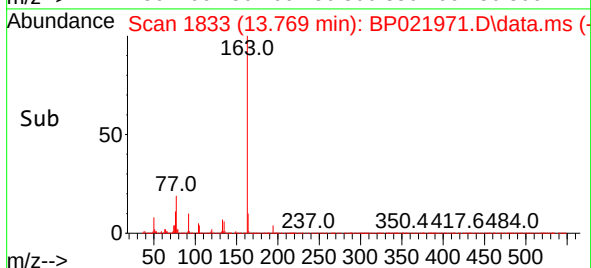
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/24/2024

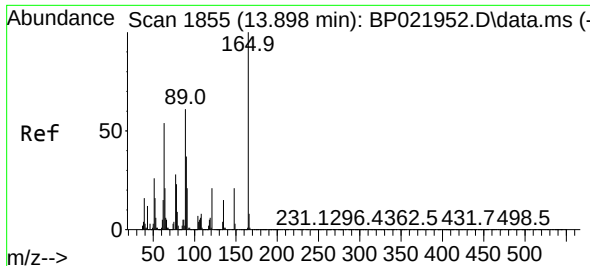


#50
Dimethylphthalate
Concen: 8.670 ng
RT: 13.769 min Scan# 1833
Delta R.T. -0.023 min
Lab File: BP021971.D
Acq: 20 Sep 2024 17:32



Tgt Ion:163 Resp: 176571
Ion Ratio Lower Upper
163 100
194 4.1 3.6 5.4
164 10.2 8.0 12.0





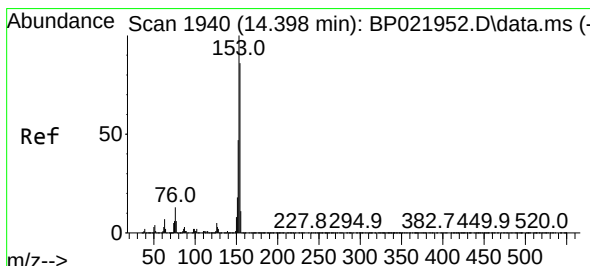
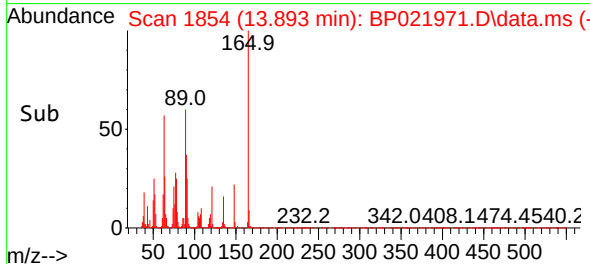
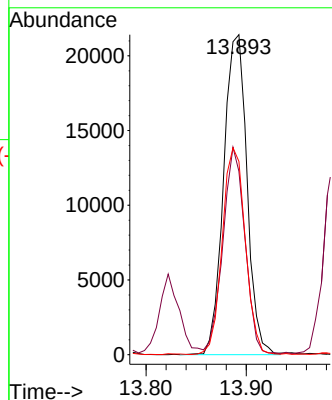
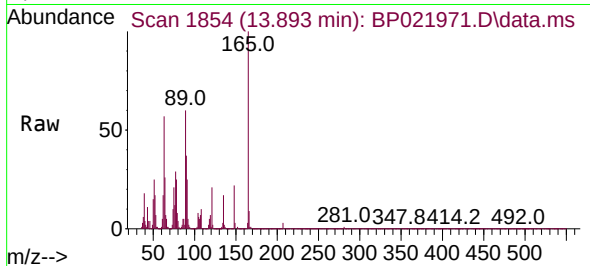
#51
2,6-Dinitrotoluene
Concen: 7.633 ng
RT: 13.893 min Scan# 1854
Delta R.T. -0.006 min
Lab File: BP021971.D
Acq: 20 Sep 2024 17:32

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

Tgt Ion:165 Resp: 34639
Ion Ratio Lower Upper
165 100
63 57.3 46.4 69.6
89 60.4 48.5 72.7

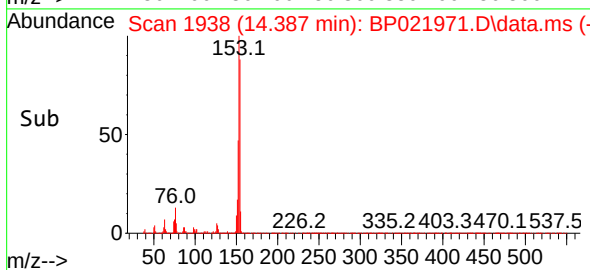
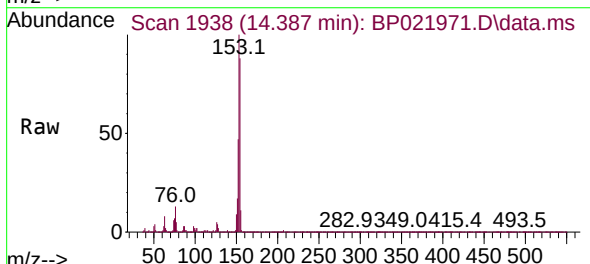
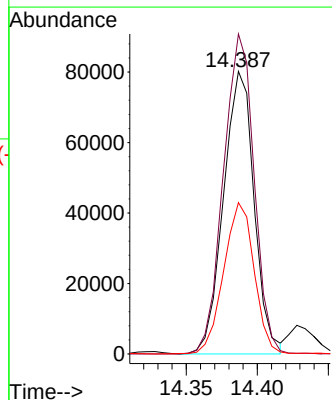
Manual Integrations
APPROVED

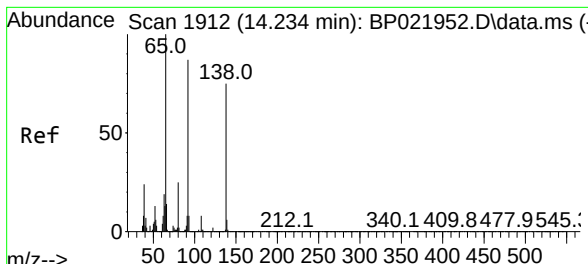
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/24/2024



#52
Acenaphthene
Concen: 8.463 ng
RT: 14.387 min Scan# 1938
Delta R.T. -0.012 min
Lab File: BP021971.D
Acq: 20 Sep 2024 17:32

Tgt Ion:154 Resp: 120330
Ion Ratio Lower Upper
154 100
153 113.3 92.7 139.1
152 53.6 43.6 65.4





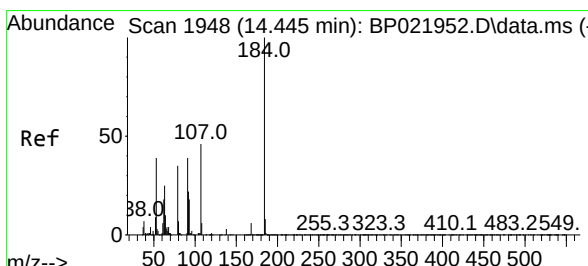
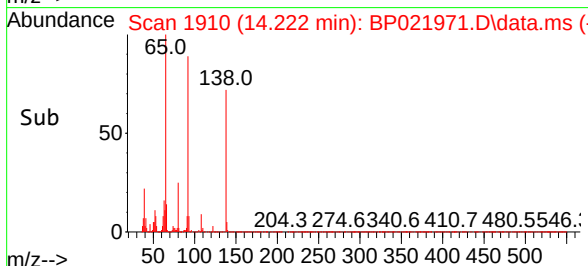
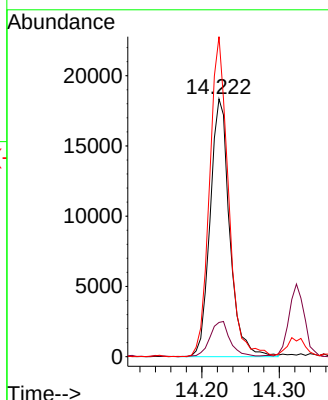
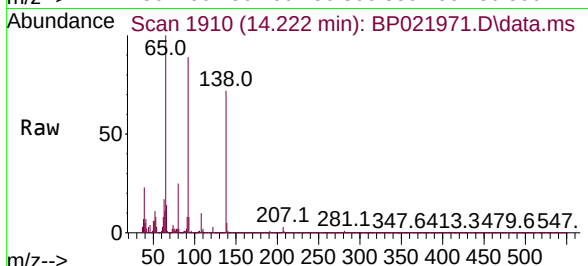
#53
3-Nitroaniline
Concen: 7.935 ng
RT: 14.222 min Scan# 1910
Delta R.T. -0.012 min
Lab File: BP021971.D
Acq: 20 Sep 2024 17:32

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

Tgt Ion:138 Resp: 3209
Ion Ratio Lower Upper
138 100
108 13.3 9.0 13.4
92 124.1 92.8 139.2

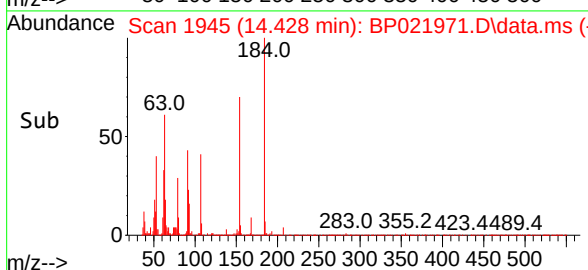
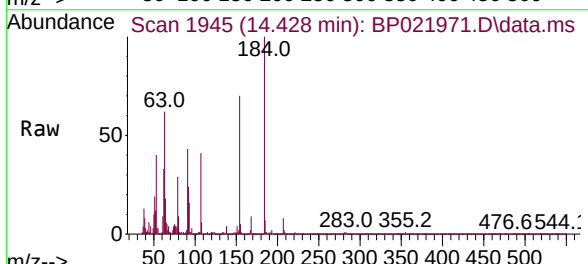
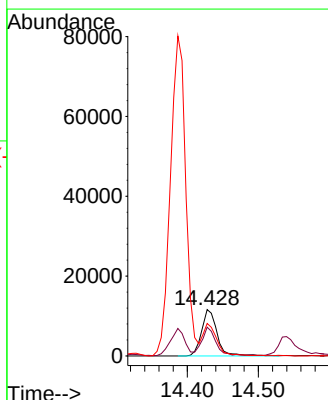
Manual Integrations
APPROVED

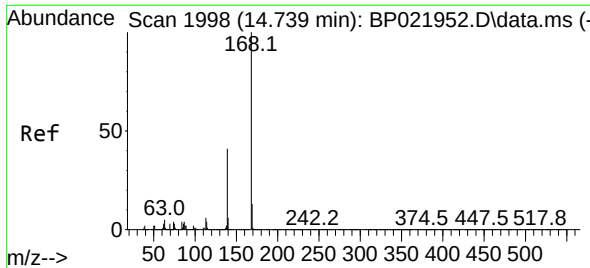
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/24/2024



#54
2,4-Dinitrophenol
Concen: 6.646 ng
RT: 14.428 min Scan# 1945
Delta R.T. -0.018 min
Lab File: BP021971.D
Acq: 20 Sep 2024 17:32

Tgt Ion:184 Resp: 17673
Ion Ratio Lower Upper
184 100
63 62.2 49.0 73.6
154 69.9 58.1 87.1





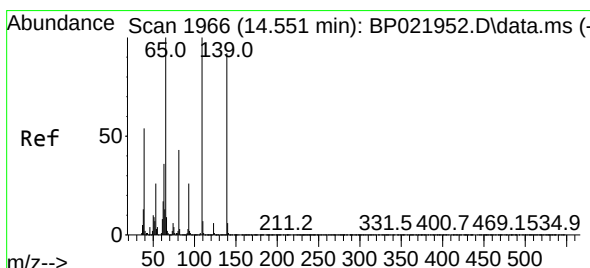
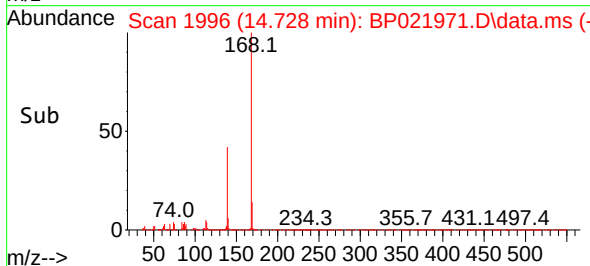
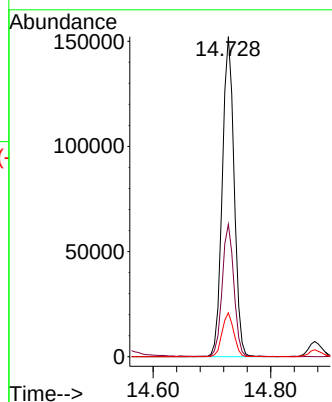
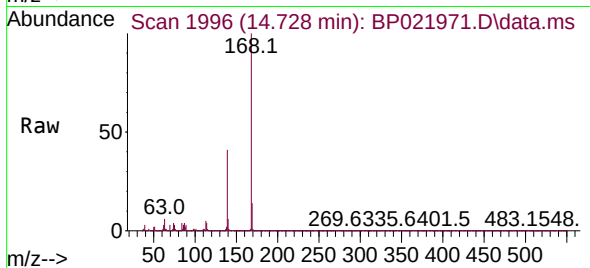
#55
Dibenzenofuran
Concen: 8.919 ng
RT: 14.728 min Scan# 1996
Delta R.T. -0.012 min
Lab File: BP021971.D
Acq: 20 Sep 2024 17:32

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

Tgt Ion:168 Resp: 21315
Ion Ratio Lower Upper
168 100
139 41.4 33.0 49.4
169 13.7 10.7 16.1

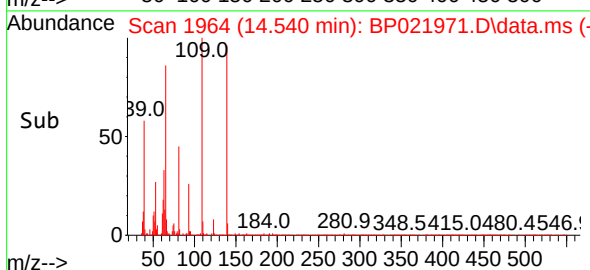
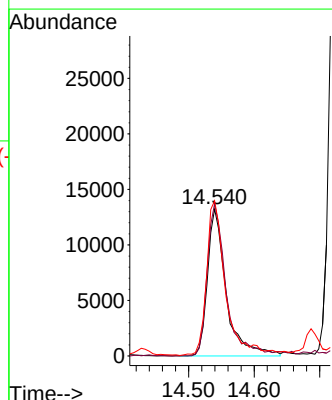
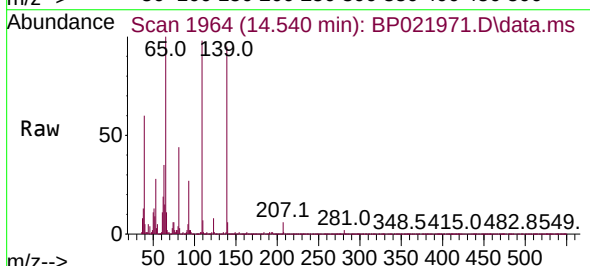
Manual Integrations
APPROVED

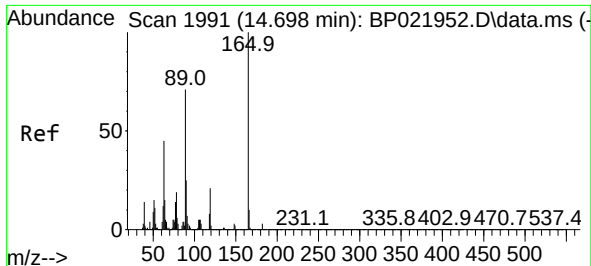
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/24/2024



#56
4-Nitrophenol
Concen: 7.478 ng
RT: 14.540 min Scan# 1964
Delta R.T. -0.012 min
Lab File: BP021971.D
Acq: 20 Sep 2024 17:32

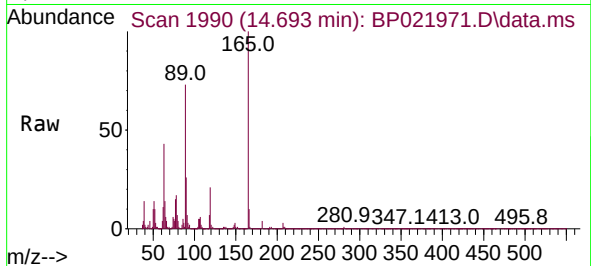
Tgt Ion:139 Resp: 26326
Ion Ratio Lower Upper
139 100
109 103.7 88.6 128.6
65 105.6 88.7 128.7





#57
2,4-Dinitrotoluene
Concen: 7.390 ng
RT: 14.693 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BP021971.D
Acq: 20 Sep 2024 17:32

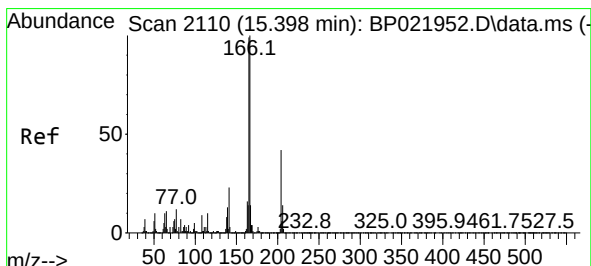
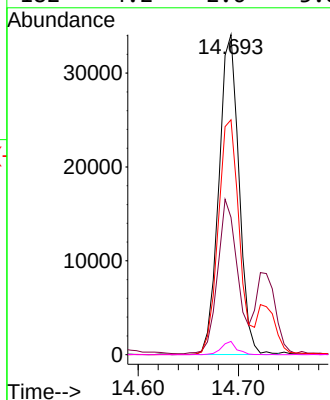
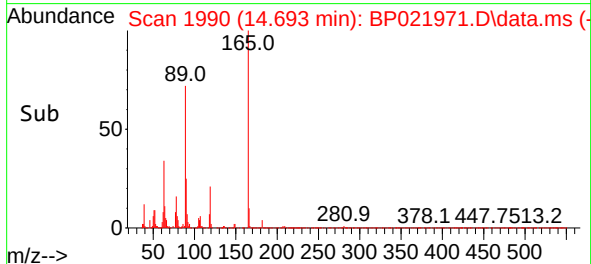
Instrument : BNA_P
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



Tgt Ion:165 Resp: 47409
Ion Ratio Lower Upper
165 100
63 42.9 36.3 54.5
89 73.4 57.2 85.8
182 4.2 2.6 3.8#

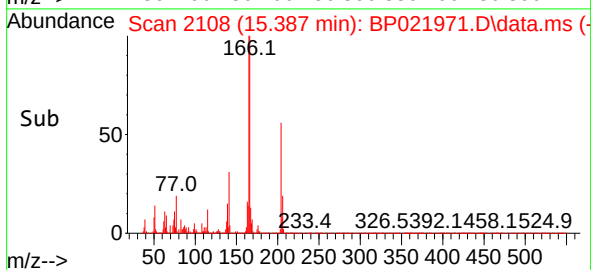
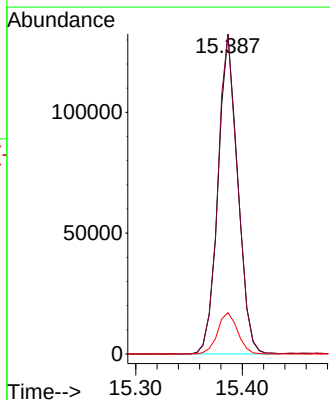
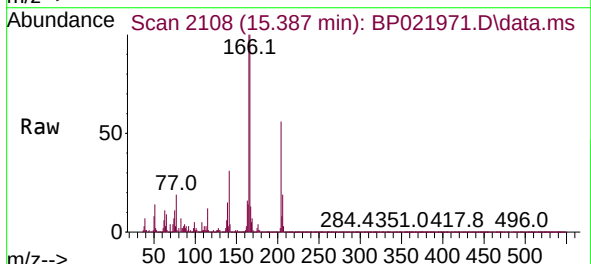
Manual Integrations
APPROVED

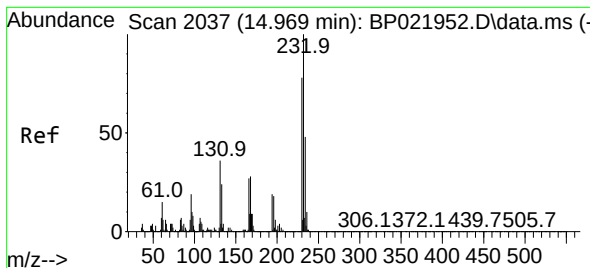
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/24/2024



#58
Fluorene
Concen: 8.490 ng
RT: 15.387 min Scan# 2108
Delta R.T. -0.012 min
Lab File: BP021971.D
Acq: 20 Sep 2024 17:32

Tgt Ion:166 Resp: 169441
Ion Ratio Lower Upper
166 100
165 100.0 79.4 119.2
167 12.9 10.9 16.3





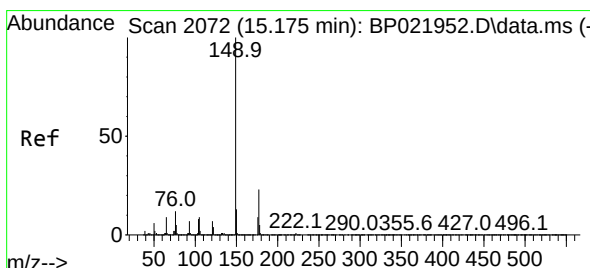
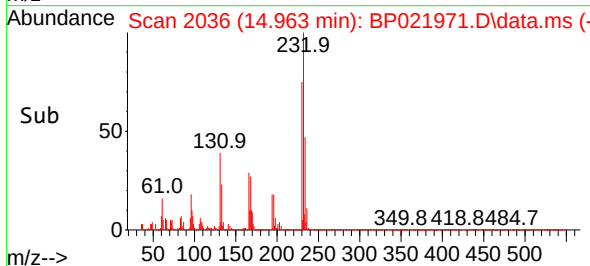
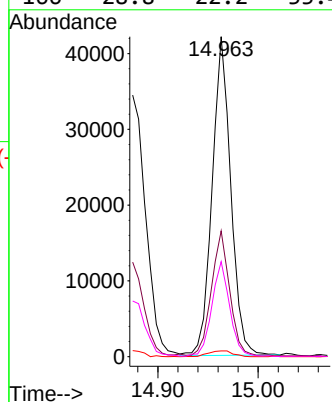
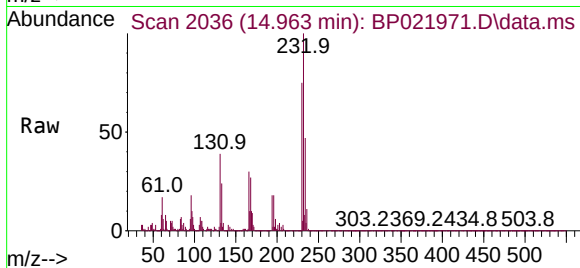
#59
2,3,4,6-Tetrachlorophenol
Concen: 8.308 ng
RT: 14.963 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BP021971.D
Acq: 20 Sep 2024 17:32

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

Tgt Ion:	232	Resp:	54239
Ion Ratio	Lower	Upper	
232	100		
131	39.6	30.2	45.4
130	2.4	1.9	2.9
166	28.8	22.2	33.4

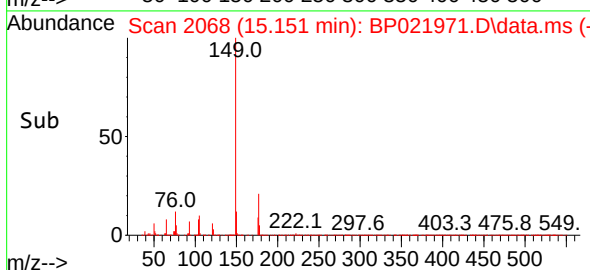
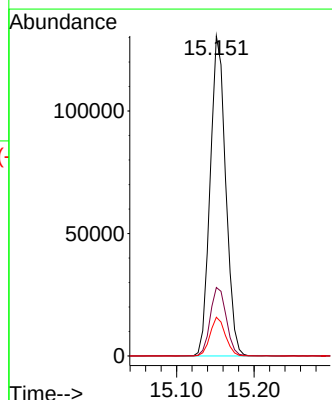
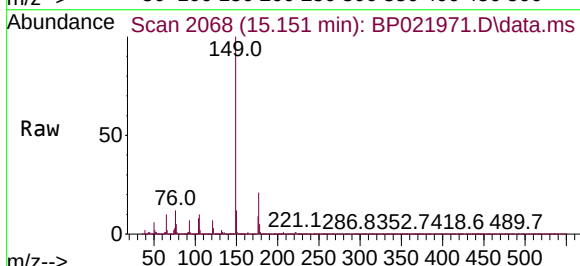
Manual Integrations
APPROVED

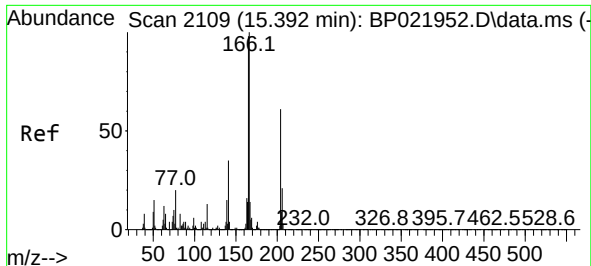
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/24/2024



#60
Diethylphthalate
Concen: 8.783 ng
RT: 15.151 min Scan# 2068
Delta R.T. -0.023 min
Lab File: BP021971.D
Acq: 20 Sep 2024 17:32

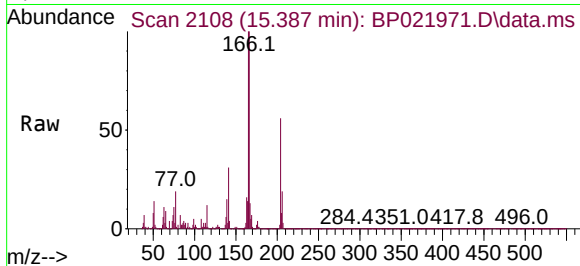
Tgt Ion:	149	Resp:	181771
Ion Ratio	Lower	Upper	
149	100		
177	21.4	18.2	27.4
150	12.1	10.1	15.1





#61
4-Chlorophenyl-phenylether
Concen: 8.472 ng
RT: 15.387 min Scan# 2109
Delta R.T. -0.006 min
Lab File: BP021971.D
Acq: 20 Sep 2024 17:32

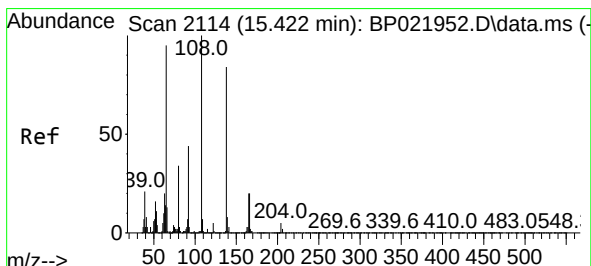
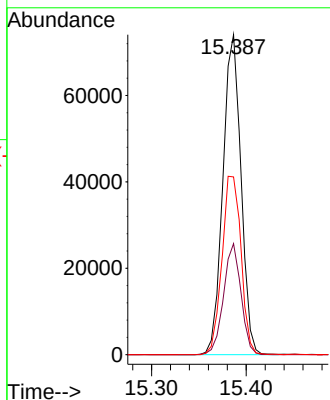
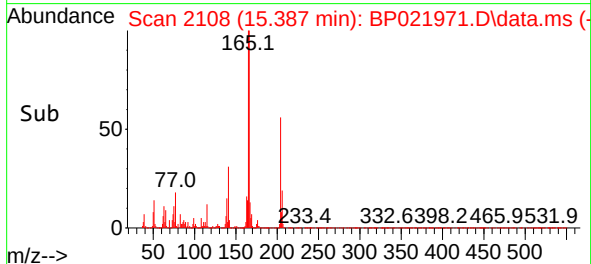
Instrument : BNA_P
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



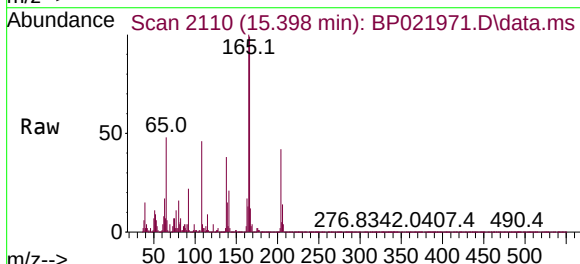
Tgt Ion:204 Resp: 98434
Ion Ratio Lower Upper
204 100
206 34.7 27.3 40.9
141 55.5 45.7 68.5

Manual Integrations
APPROVED

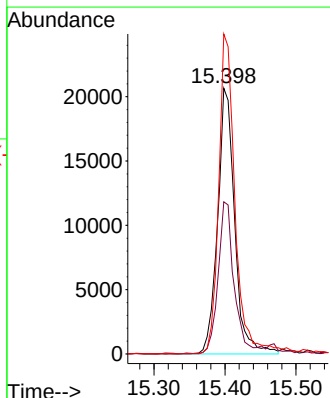
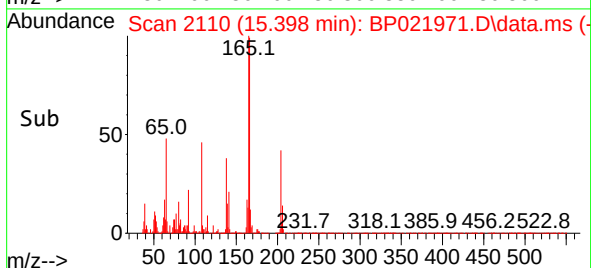
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/24/2024

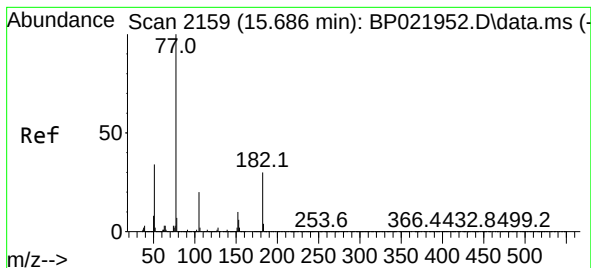


#62
4-Nitroaniline
Concen: 7.716 ng
RT: 15.398 min Scan# 2110
Delta R.T. -0.023 min
Lab File: BP021971.D
Acq: 20 Sep 2024 17:32



Tgt Ion:138 Resp: 34319
Ion Ratio Lower Upper
138 100
92 57.3 32.6 72.6
108 120.4 98.6 138.6





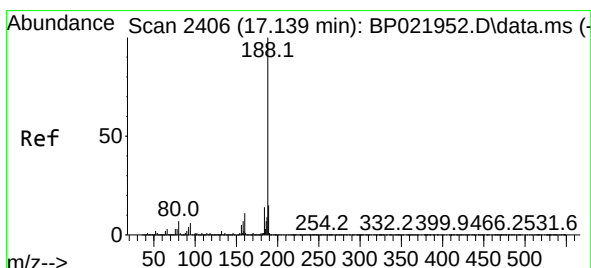
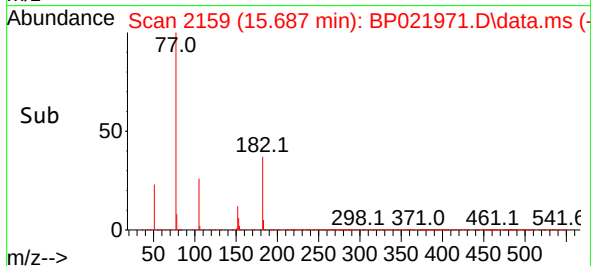
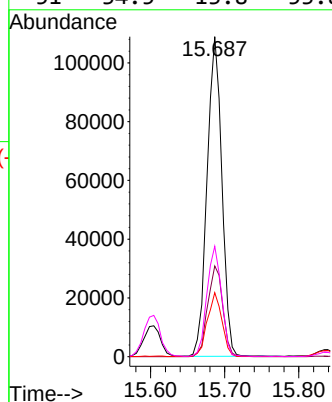
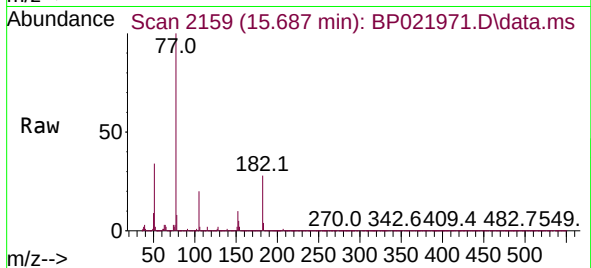
#63
Azobenzene
Concen: 8.826 ng
RT: 15.687 min Scan# 2159
Delta R.T. 0.000 min
Lab File: BP021971.D
Acq: 20 Sep 2024 17:32

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

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.3	9.6	49.6
105	20.0	0.0	39.8
51	34.5	13.8	53.8

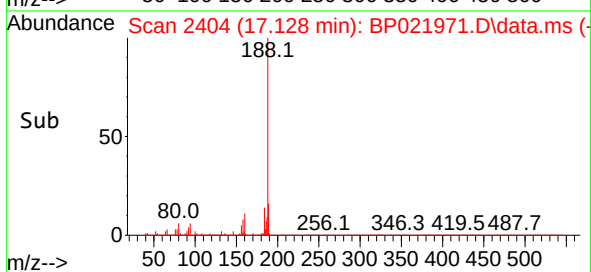
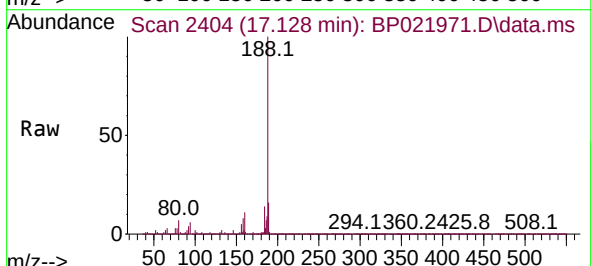
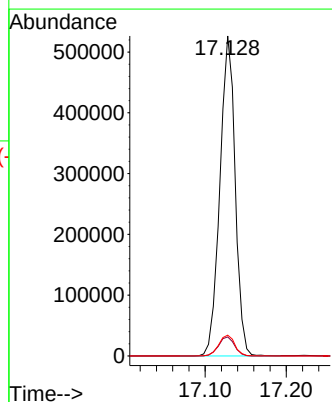
Manual Integrations
APPROVED

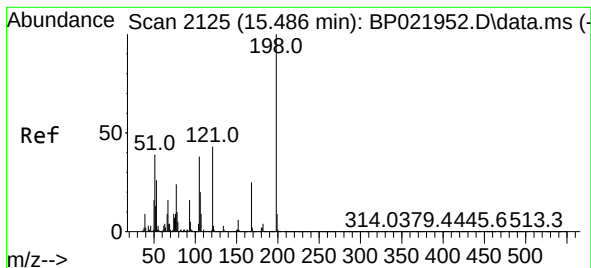
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/24/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.128 min Scan# 2404
Delta R.T. -0.012 min
Lab File: BP021971.D
Acq: 20 Sep 2024 17:32

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.0	4.6	6.8
80	6.5	5.4	8.2





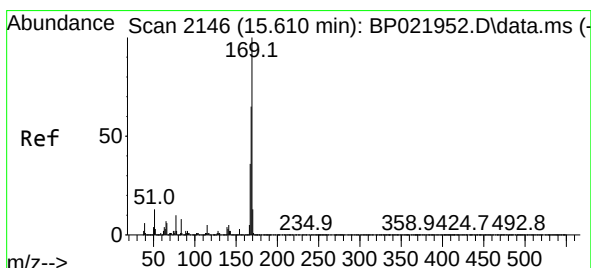
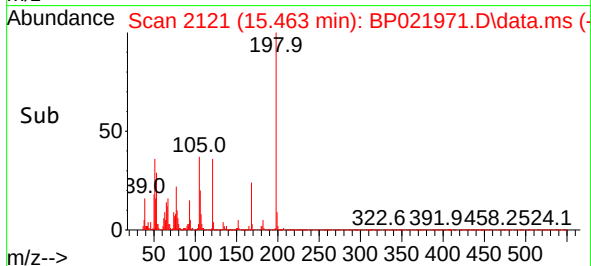
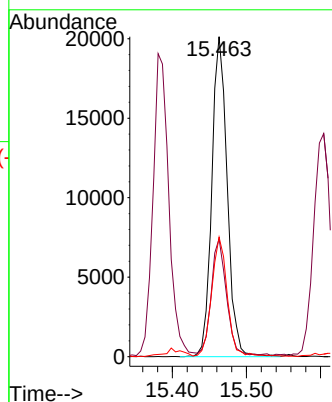
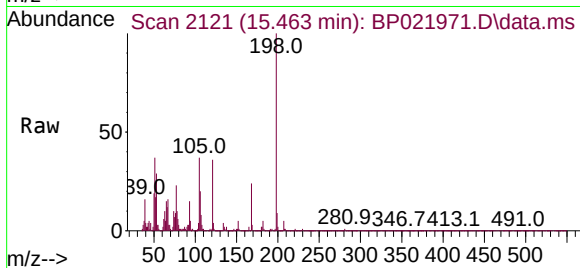
#65
4,6-Dinitro-2-methylphenol
Concen: 7.252 ng
RT: 15.463 min Scan# 2125
Delta R.T. -0.023 min
Lab File: BP021971.D
Acq: 20 Sep 2024 17:32

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

Tgt Ion	Ratio	Lower	Upper
198	100		
51	36.8	20.7	60.7
105	37.4	18.4	58.4

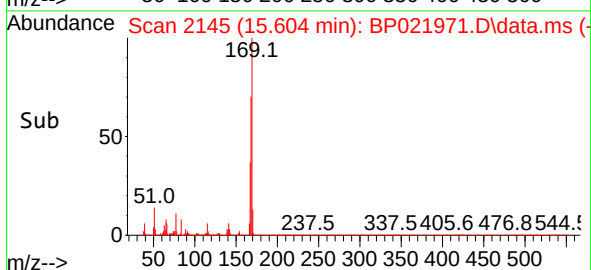
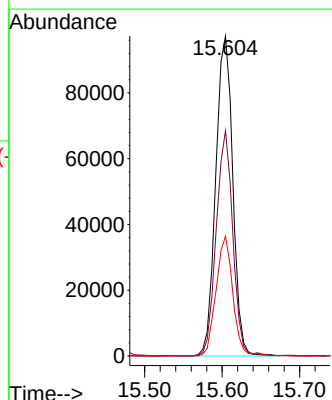
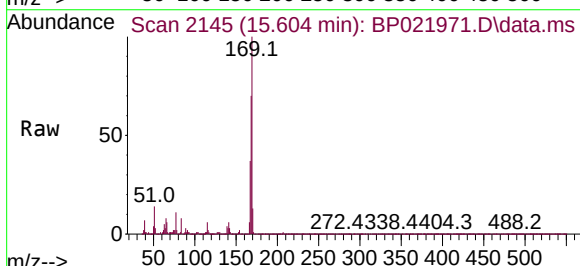
Manual Integrations
APPROVED

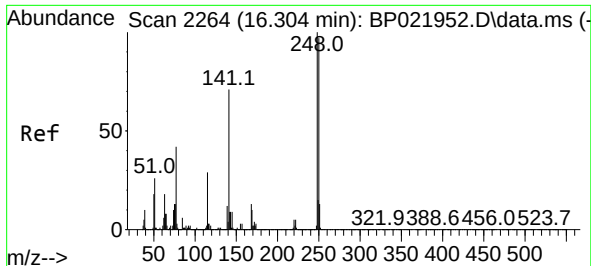
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/24/2024



#66
n-Nitrosodiphenylamine
Concen: 8.625 ng
RT: 15.604 min Scan# 2145
Delta R.T. -0.006 min
Lab File: BP021971.D
Acq: 20 Sep 2024 17:32

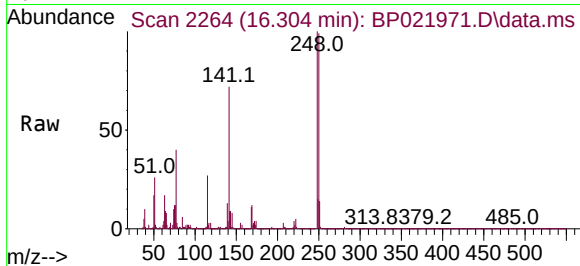
Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.4	52.2	78.4
167	37.5	28.6	42.8





#67
4-Bromophenyl-phenylether
Concen: 8.068 ng
RT: 16.304 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP021971.D
Acq: 20 Sep 2024 17:32

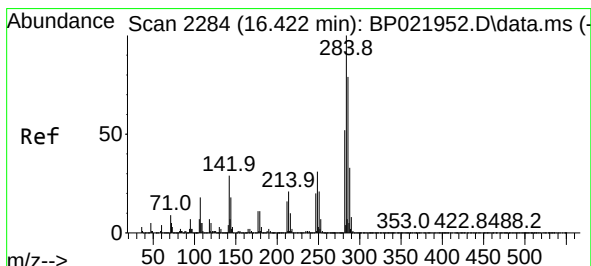
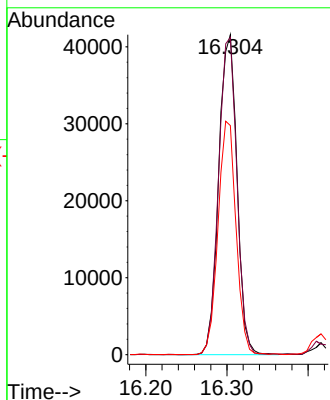
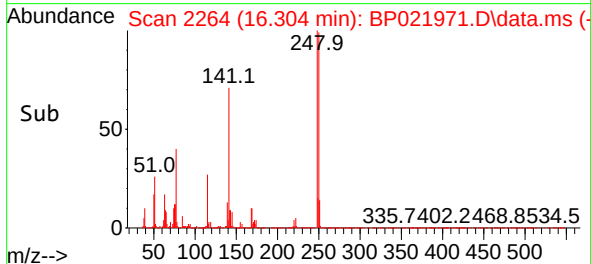
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion:248 Resp: 6503
Ion Ratio Lower Upper
248 100
250 99.1 77.5 116.3
141 71.6 56.5 84.7

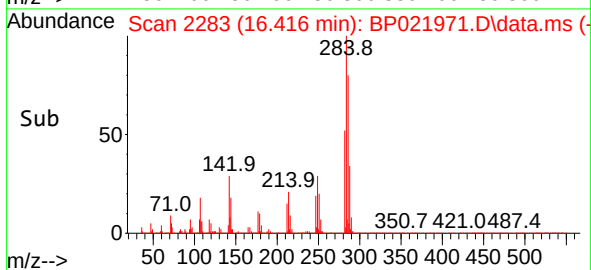
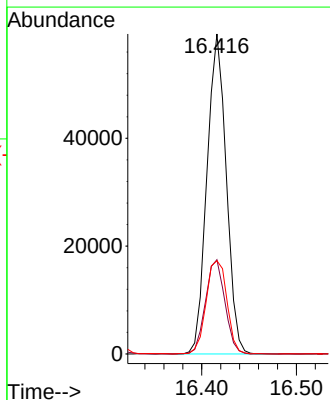
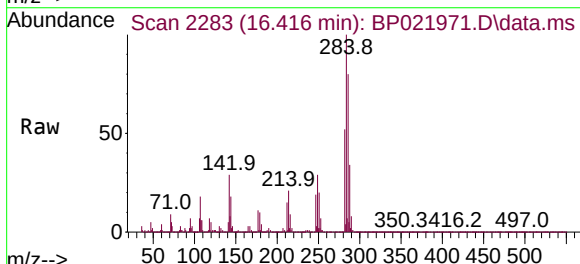
Manual Integrations
APPROVED

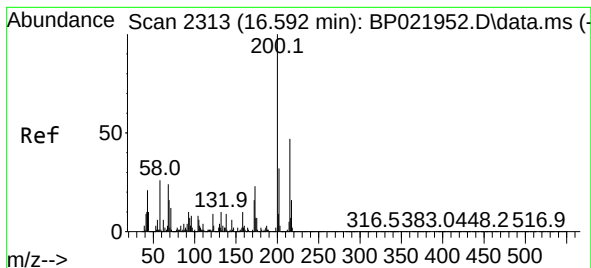
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/24/2024



#68
Hexachlorobenzene
Concen: 8.352 ng
RT: 16.416 min Scan# 2283
Delta R.T. -0.006 min
Lab File: BP021971.D
Acq: 20 Sep 2024 17:32

Tgt Ion:284 Resp: 83926
Ion Ratio Lower Upper
284 100
142 29.4 22.9 34.3
249 29.2 25.2 37.8





#69

Atrazine

Concen: 10.536 ng

RT: 16.581 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP021971.D

Acq: 20 Sep 2024 17:32

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

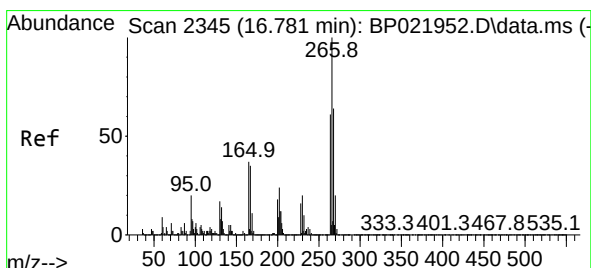
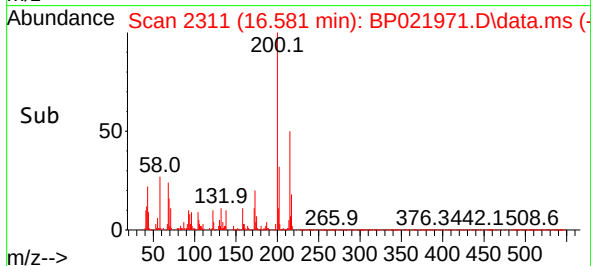
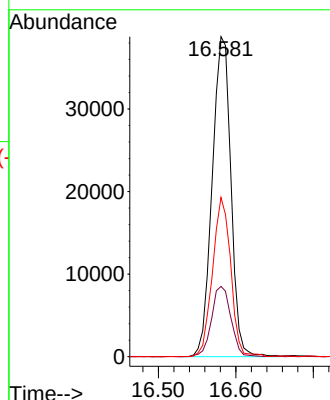
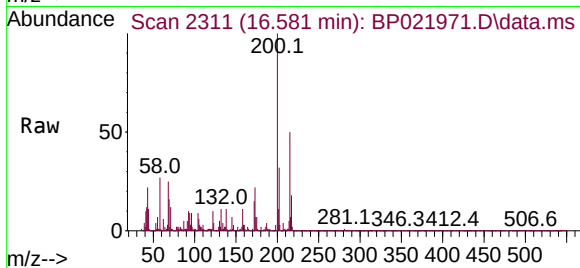
Tgt Ion:200 Resp: 64990
 Ion Ratio Lower Upper
 200 100
 173 21.9 3.0 43.0
 215 49.7 27.4 67.4

Manual Integrations

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Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/24/2024



#70

Pentachlorophenol

Concen: 7.189 ng

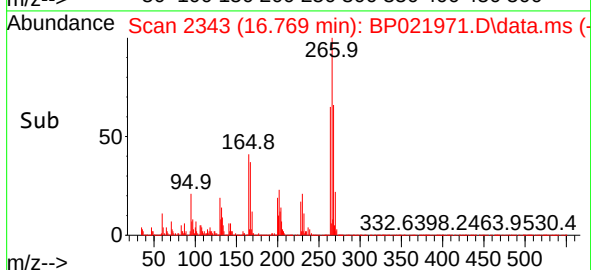
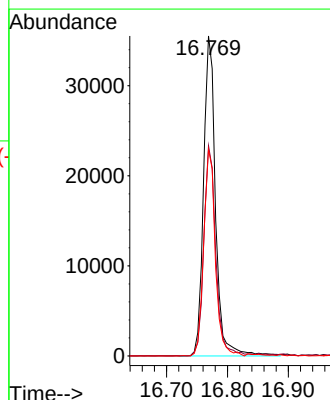
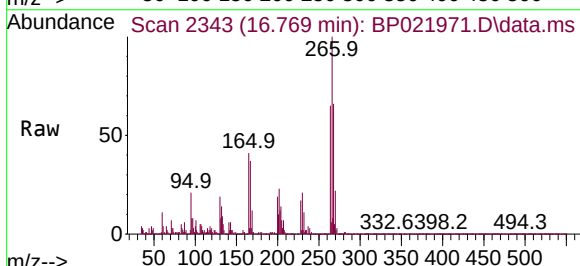
RT: 16.769 min Scan# 2343

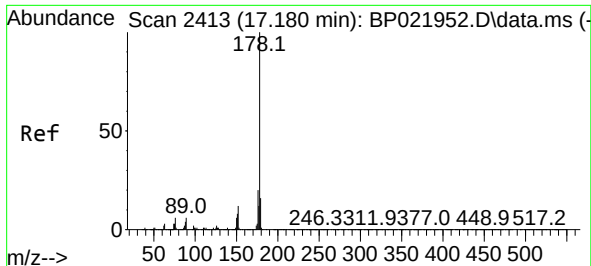
Delta R.T. -0.012 min

Lab File: BP021971.D

Acq: 20 Sep 2024 17:32

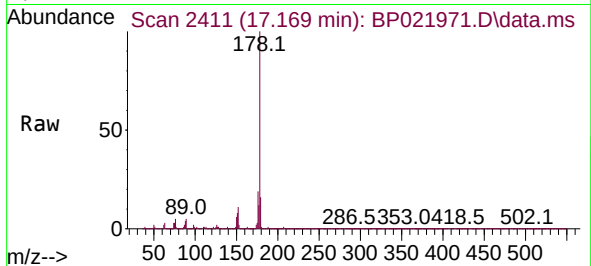
Tgt Ion:266 Resp: 48603
 Ion Ratio Lower Upper
 266 100
 268 65.7 51.1 76.7
 264 64.7 48.6 72.8





#71
Phenanthrene
Concen: 8.805 ng
RT: 17.169 min Scan# 2411
Delta R.T. -0.012 min
Lab File: BP021971.D
Acq: 20 Sep 2024 17:32

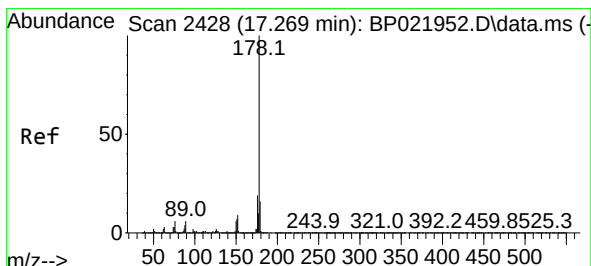
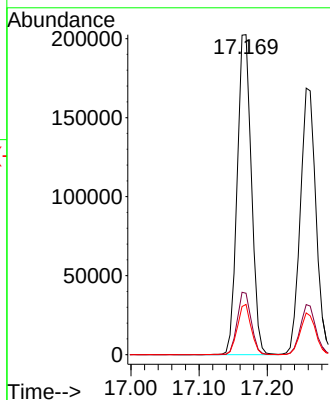
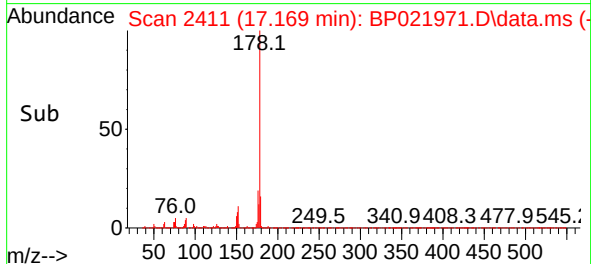
Instrument : BNA_P
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



Tgt Ion:178 Resp: 292239
Ion Ratio Lower Upper
178 100
176 19.2 15.9 23.9
179 15.7 12.5 18.7

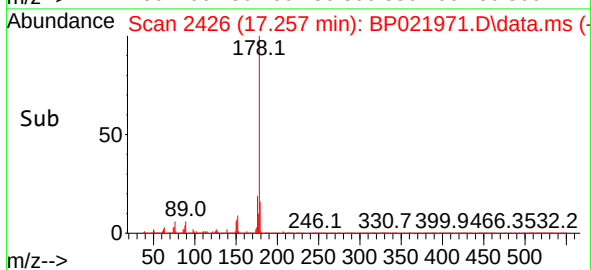
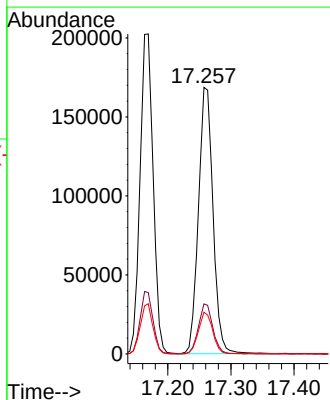
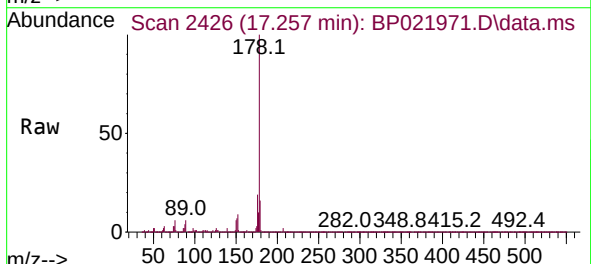
Manual Integrations
APPROVED

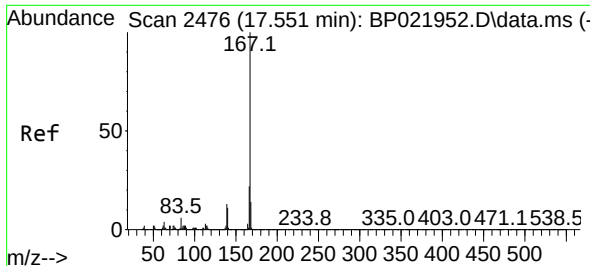
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/24/2024



#72
Anthracene
Concen: 8.433 ng
RT: 17.257 min Scan# 2426
Delta R.T. -0.012 min
Lab File: BP021971.D
Acq: 20 Sep 2024 17:32

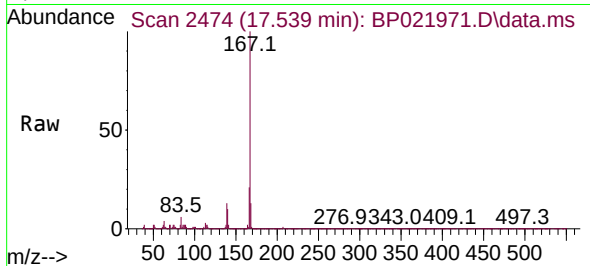
Tgt Ion:178 Resp: 270952
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 15.7 12.6 18.8





#73
 Carbazole
 Concen: 8.520 ng
 RT: 17.539 min Scan# 2476
 Delta R.T. -0.012 min
 Lab File: BP021971.D
 Acq: 20 Sep 2024 17:32

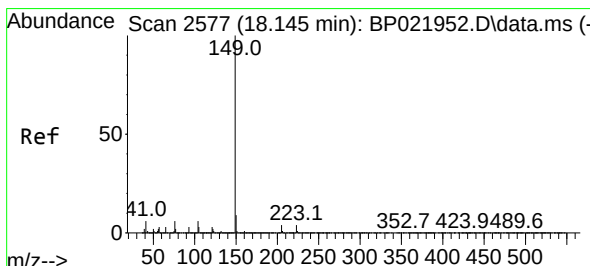
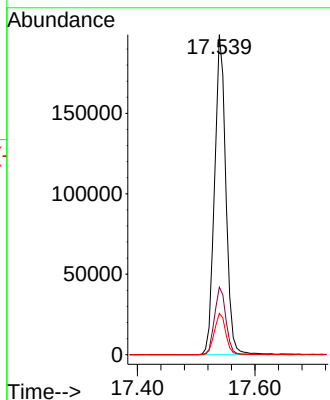
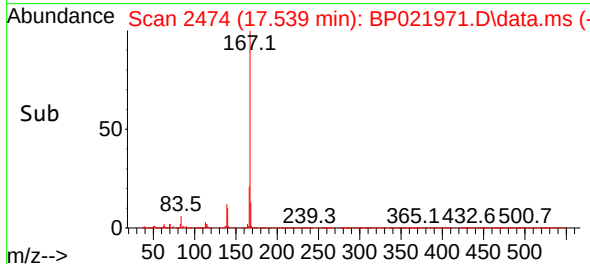
Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2024



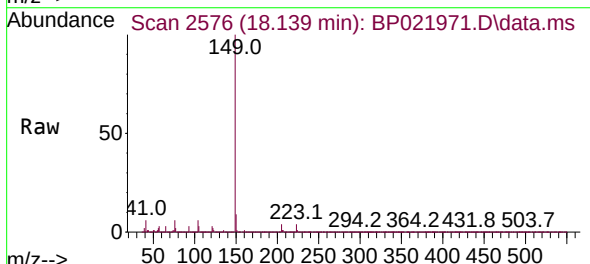
Tgt Ion:167 Resp: 264400
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.4 26.0
 139 12.9 10.5 15.7

Manual Integrations
 APPROVED

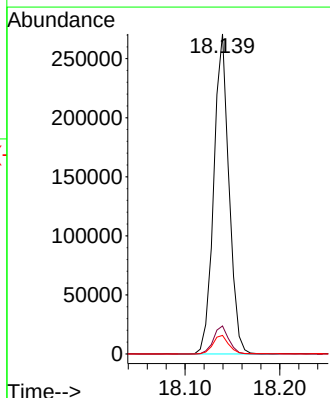
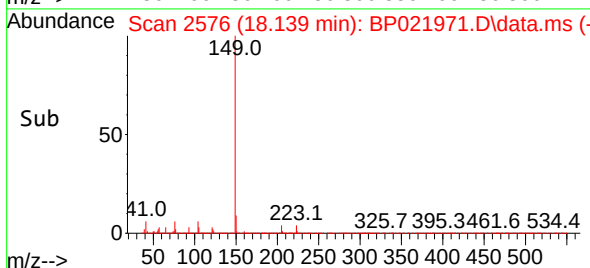
Reviewed By :Yogesh Patel 09/21/2024
 Supervised By :mohammad ahmed 09/24/2024

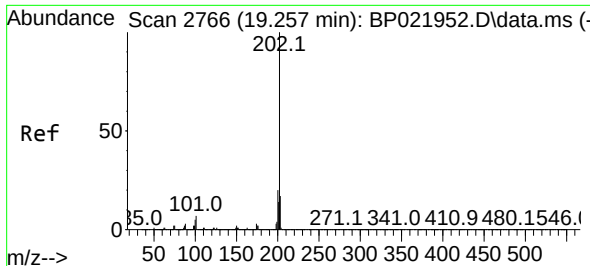


#74
 Di-n-butylphthalate
 Concen: 8.271 ng
 RT: 18.139 min Scan# 2576
 Delta R.T. -0.006 min
 Lab File: BP021971.D
 Acq: 20 Sep 2024 17:32



Tgt Ion:149 Resp: 301459
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.3 10.9
 104 5.8 4.6 6.8





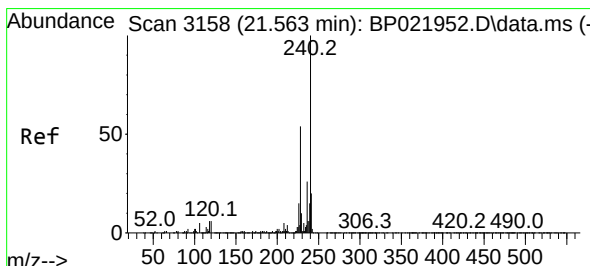
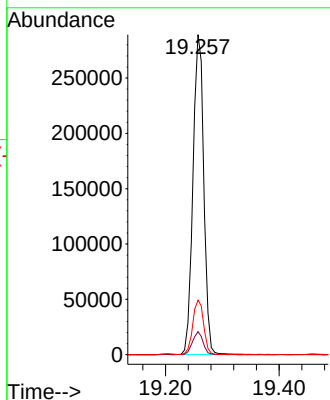
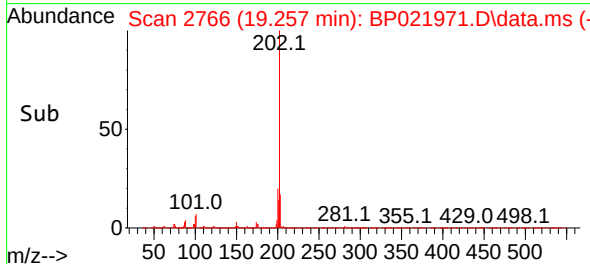
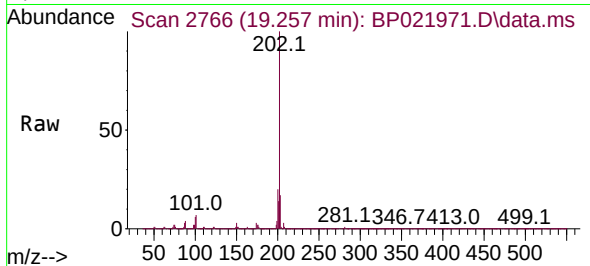
#75
Fluoranthene
Concen: 8.297 ng
RT: 19.257 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP021971.D
Acq: 20 Sep 2024 17:32

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

Tgt Ion:202 Resp: 384380
Ion Ratio Lower Upper
202 100
101 7.2 0.0 26.5
203 17.0 0.0 37.3

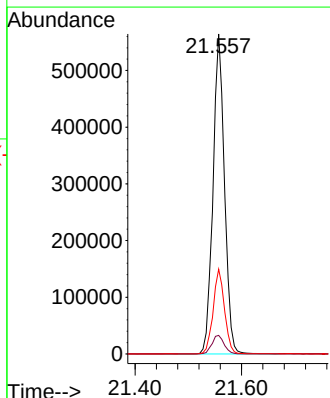
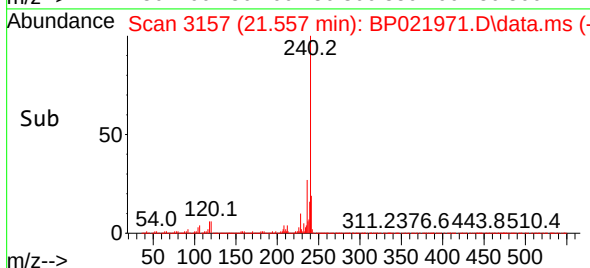
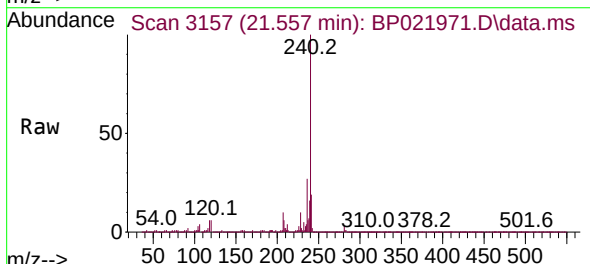
Manual Integrations
APPROVED

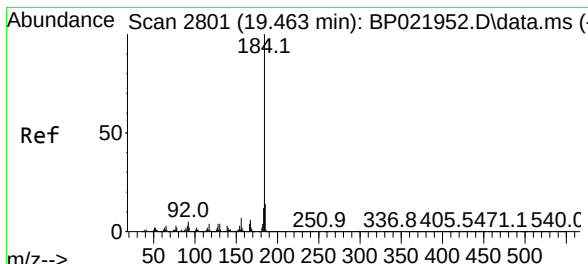
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/24/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.557 min Scan# 3157
Delta R.T. -0.006 min
Lab File: BP021971.D
Acq: 20 Sep 2024 17:32

Tgt Ion:240 Resp: 845611
Ion Ratio Lower Upper
240 100
120 5.8 5.1 7.7
236 26.5 20.7 31.1



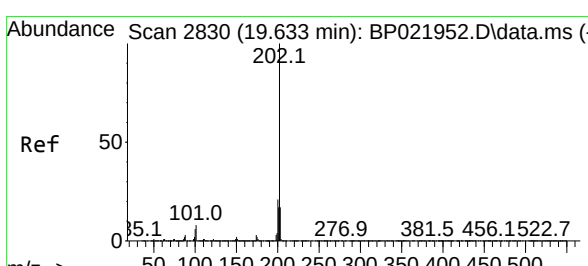
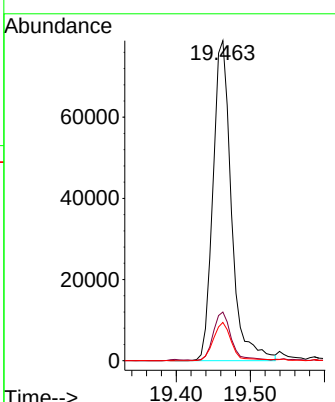
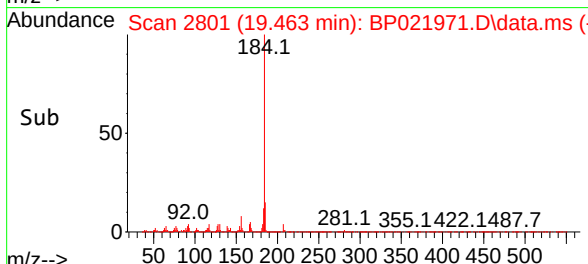
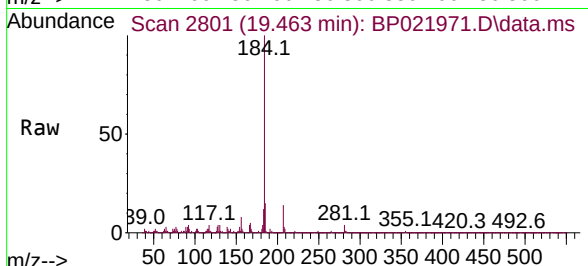


#77
Benzidine
Concen: 13.185 ng
RT: 19.463 min Scan# 2801
Delta R.T. 0.000 min
Lab File: BP021971.D
Acq: 20 Sep 2024 17:32

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

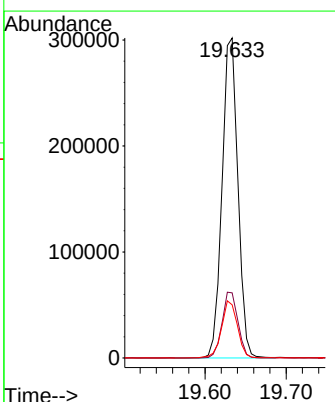
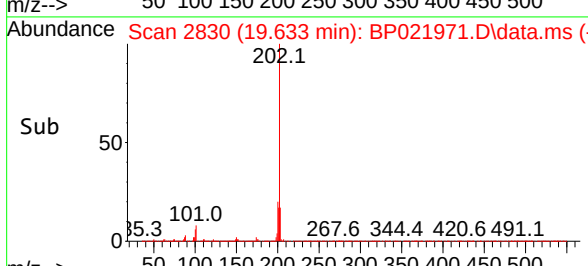
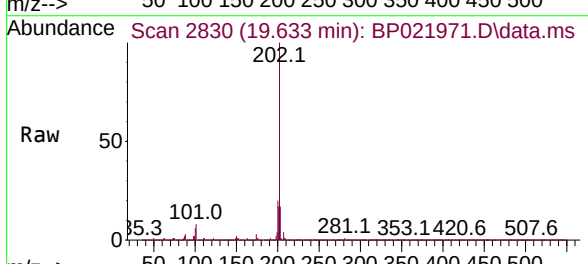
Tgt Ion:184	Resp: 13625
Ion Ratio	Lower Upper
184 100	
185 15.2	10.9 16.3
183 11.9	9.2 13.8

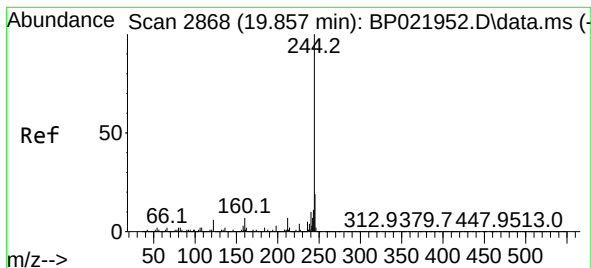
Manual Integrations
APPROVED
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/24/2024



#78
Pyrene
Concen: 8.009 ng
RT: 19.633 min Scan# 2830
Delta R.T. 0.000 min
Lab File: BP021971.D
Acq: 20 Sep 2024 17:32

Tgt Ion:202	Resp: 40967
Ion Ratio	Lower Upper
202 100	
200 20.4	16.8 25.2
203 16.6	13.8 20.8





#79

Terphenyl-d14

Concen: 85.191 ng

RT: 19.863 min Scan# 2869

Delta R.T. 0.006 min

Lab File: BP021971.D

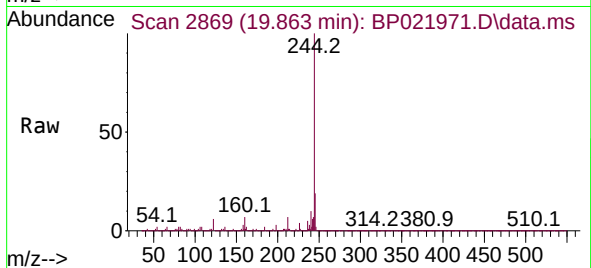
Acq: 20 Sep 2024 17:32

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024



Tgt Ion:244 Resp: 3834919

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

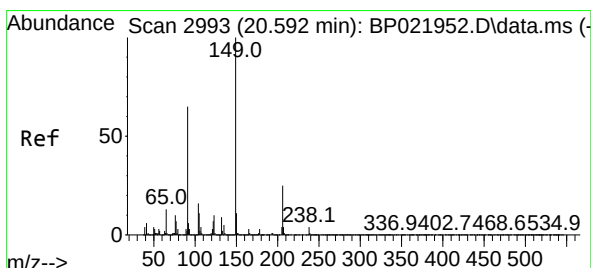
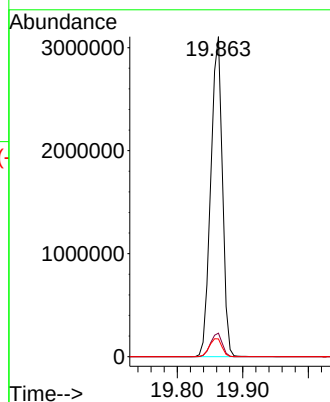
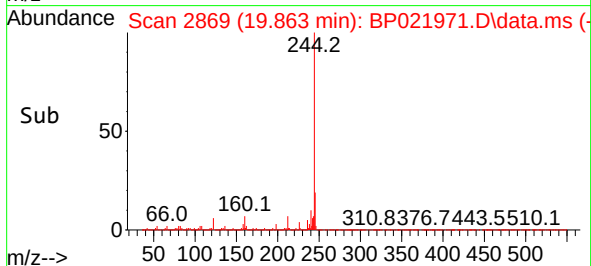
122 5.6 5.0 7.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/24/2024



#80

Butylbenzylphthalate

Concen: 8.023 ng

RT: 20.586 min Scan# 2992

Delta R.T. -0.006 min

Lab File: BP021971.D

Acq: 20 Sep 2024 17:32

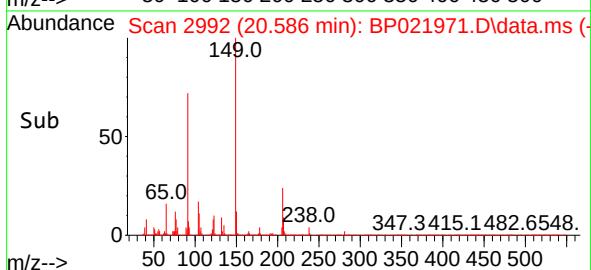
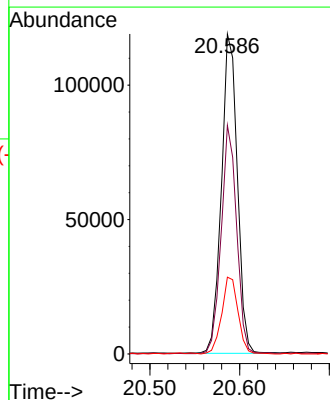
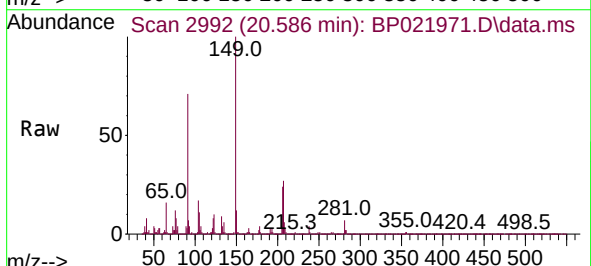
Tgt Ion:149 Resp: 146373

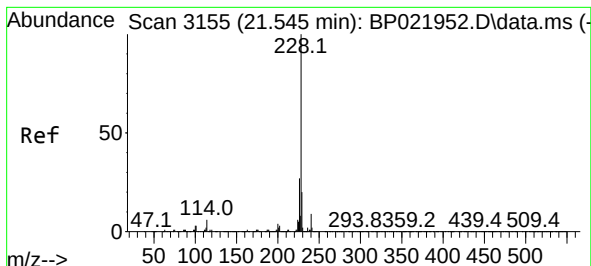
Ion Ratio Lower Upper

149 100

91 71.5 51.9 77.9

206 24.0 20.1 30.1





#81

Benzo(a)anthracene

Concen: 8.631 ng

RT: 21.539 min Scan# 3154

Delta R.T. -0.006 min

Lab File: BP021971.D

Acq: 20 Sep 2024 17:32

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

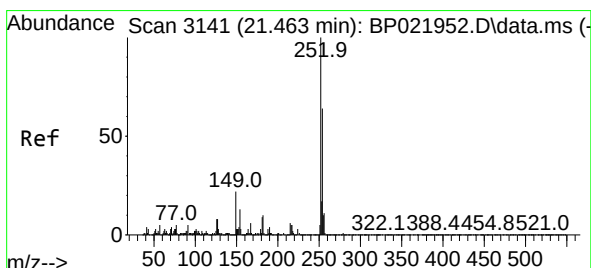
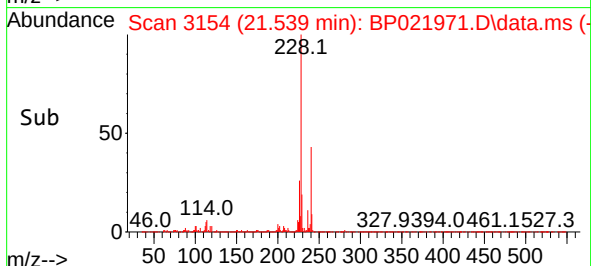
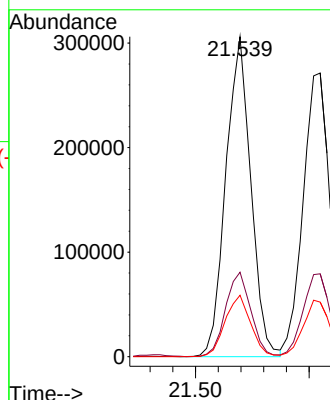
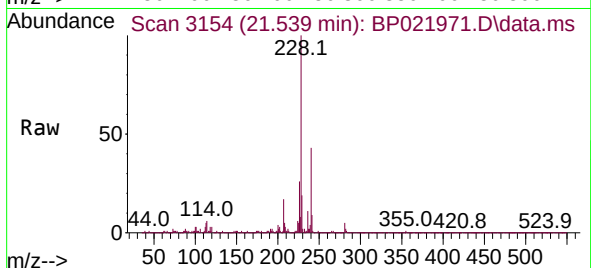
Tgt Ion:	228	Resp:	468964
Ion Ratio	Lower	Upper	
228	100		
226	26.4	21.5	32.3
229	19.2	15.7	23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/24/2024



#82

3,3'-Dichlorobenzidine

Concen: 8.458 ng

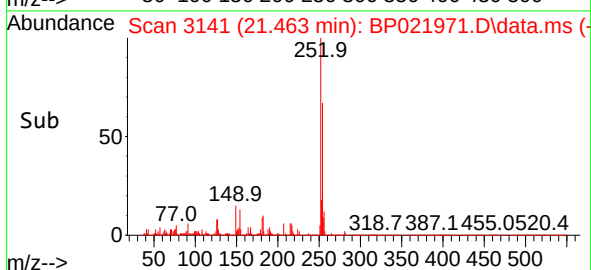
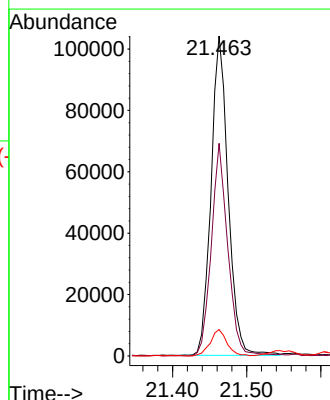
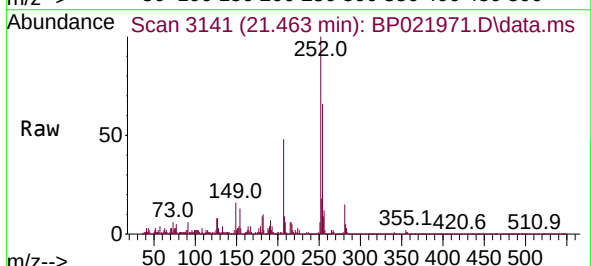
RT: 21.463 min Scan# 3141

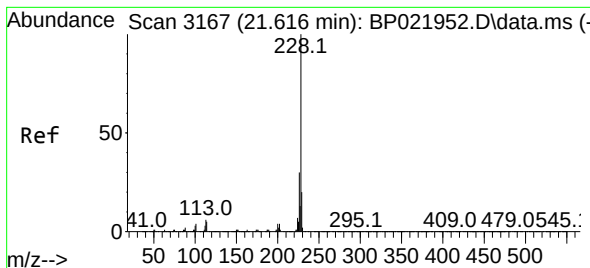
Delta R.T. 0.000 min

Lab File: BP021971.D

Acq: 20 Sep 2024 17:32

Tgt Ion:	252	Resp:	166745
Ion Ratio	Lower	Upper	
252	100		
254	66.4	51.4	77.2
126	8.3	6.2	9.4





#83

Chrysene

Concen: 8.659 ng

RT: 21.610 min Scan# 3167

Delta R.T. -0.006 min

Lab File: BP021971.D

Acq: 20 Sep 2024 17:32

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

Tgt Ion:228 Resp: 442990

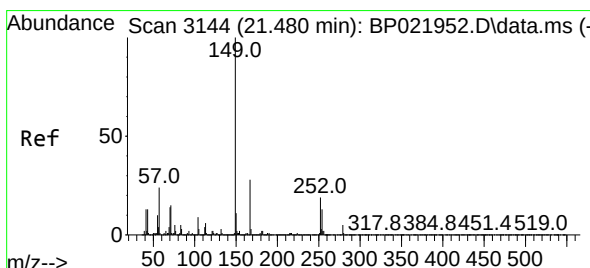
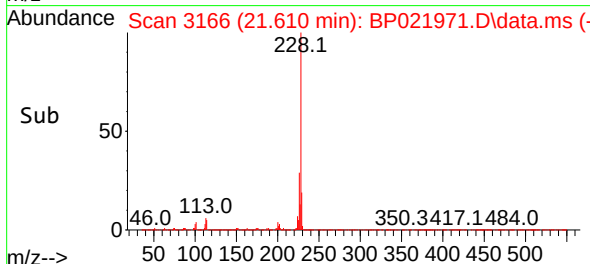
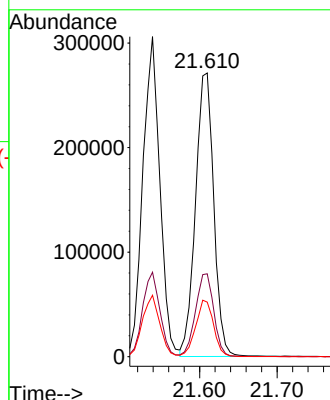
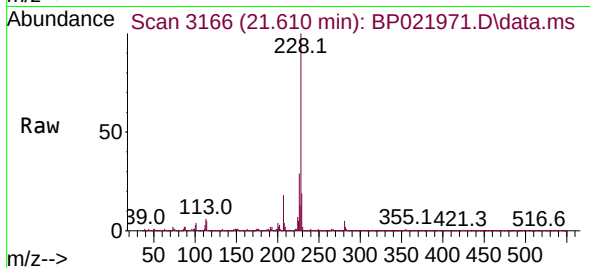
Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.2	36.4
229	19.2	15.7	23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/24/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.252 ng

RT: 21.480 min Scan# 3144

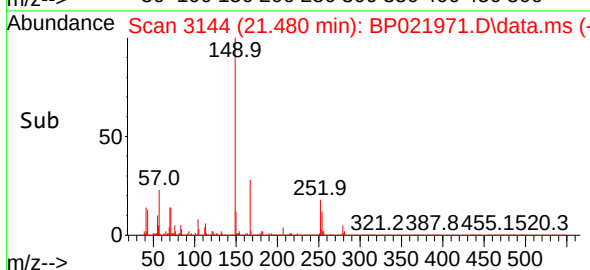
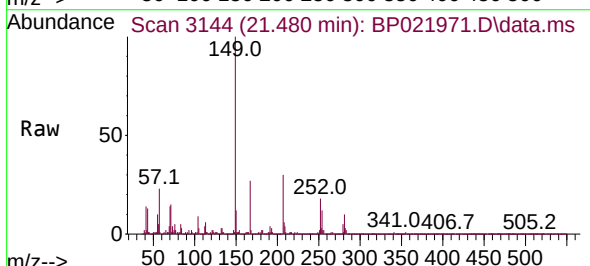
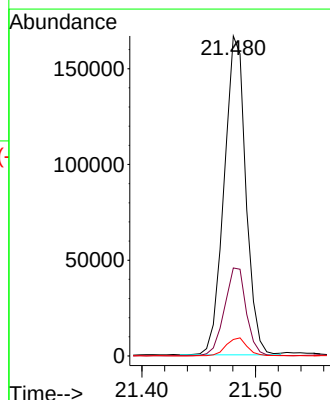
Delta R.T. 0.000 min

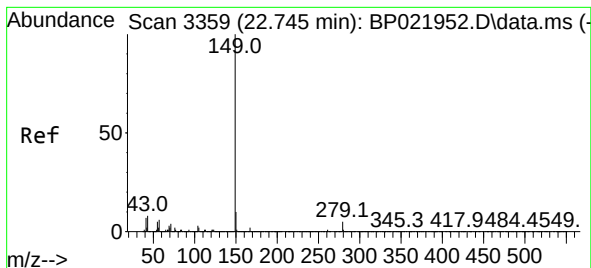
Lab File: BP021971.D

Acq: 20 Sep 2024 17:32

Tgt Ion:149 Resp: 220971

Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.3	33.5
279	5.2	4.2	6.2





#85

Di-n-octyl phthalate

Concen: 7.978 ng

RT: 22.739 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP021971.D

Acq: 20 Sep 2024 17:32

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

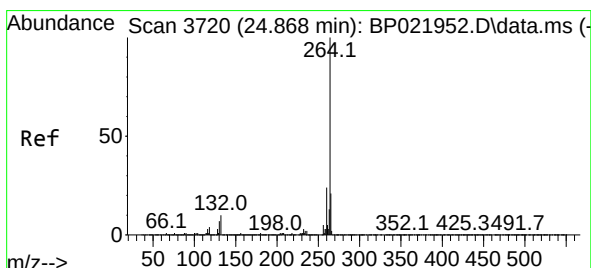
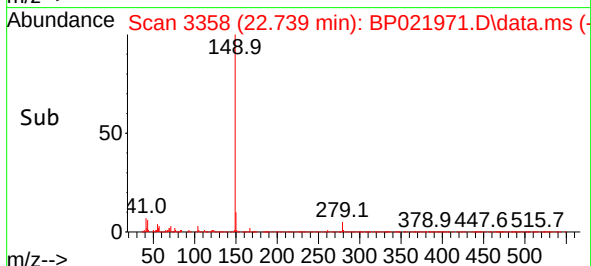
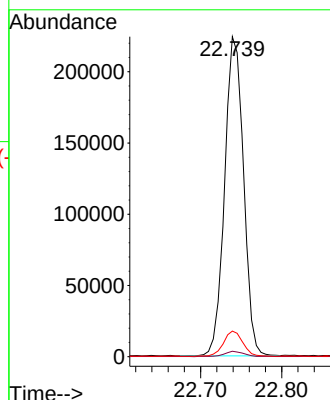
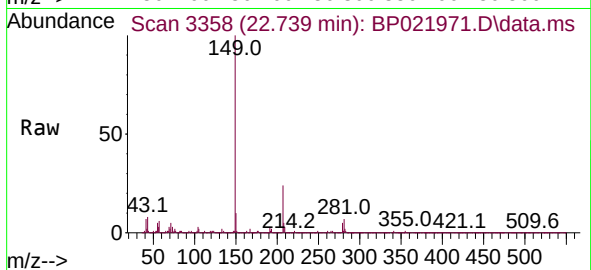
Tgt Ion:149	Resp: 36282
Ion Ratio	Lower Upper
149 100	
167 1.7	1.4 2.0
43 8.0	6.2 9.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/24/2024



#86

Perylene-d12

Concen: 20.000 ng

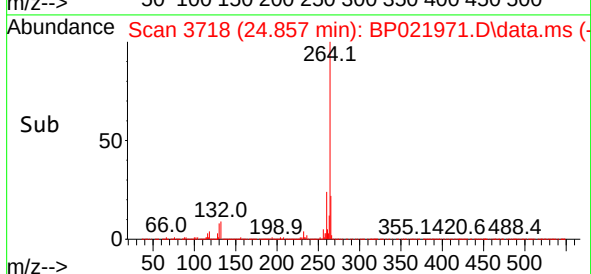
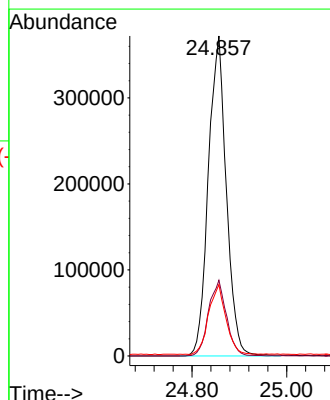
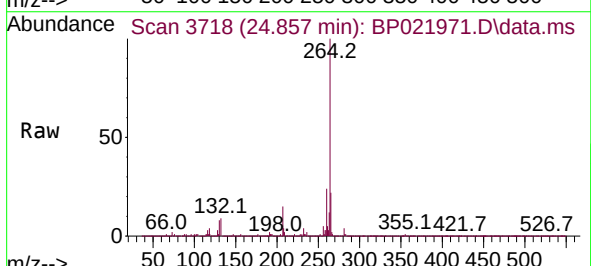
RT: 24.857 min Scan# 3718

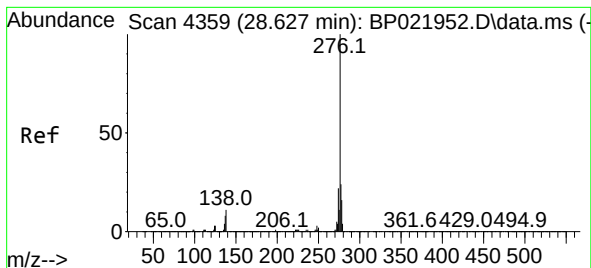
Delta R.T. -0.012 min

Lab File: BP021971.D

Acq: 20 Sep 2024 17:32

Tgt Ion:264	Resp: 979436
Ion Ratio	Lower Upper
264 100	
260 23.6	18.9 28.3
265 22.3	17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 9.017 ng

RT: 28.574 min Scan# 41

Delta R.T. -0.053 min

Lab File: BP021971.D

Acq: 20 Sep 2024 17:32

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

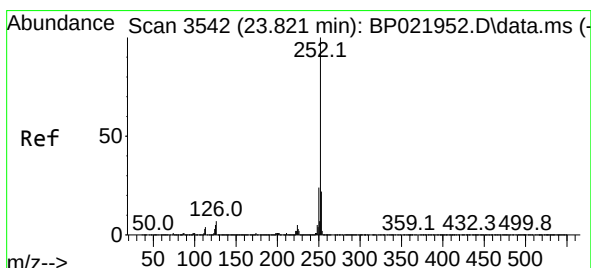
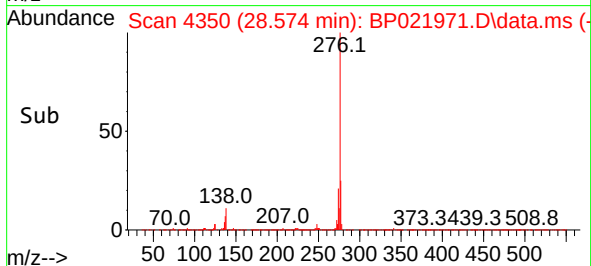
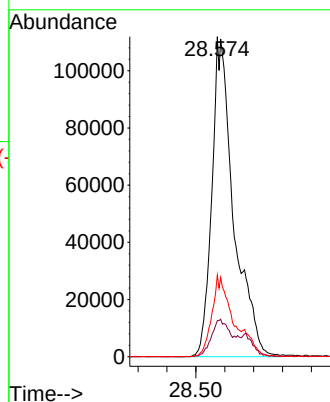
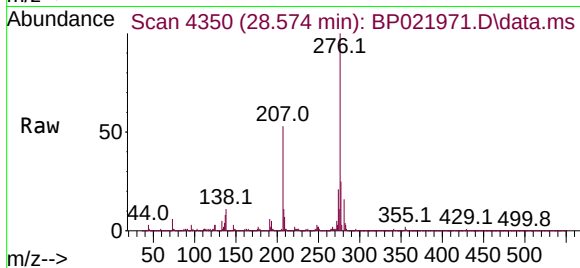
Tgt Ion:	276	Resp:	58741
Ion Ratio	Lower	Upper	
276	100		
138	10.2	7.8	11.8
277	21.6	20.5	30.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/24/2024



#88

Benzo(b)fluoranthene

Concen: 8.364 ng

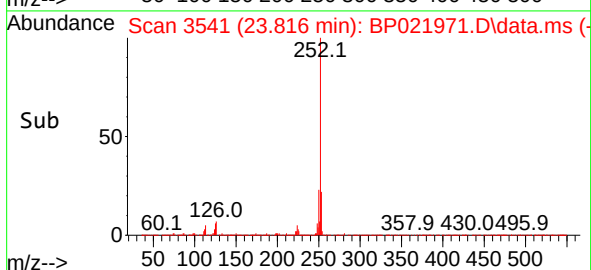
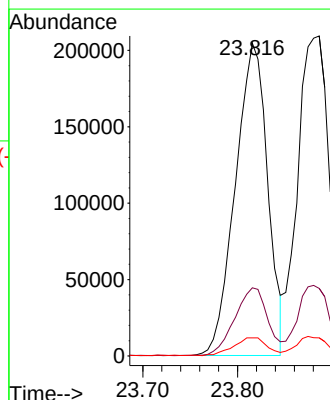
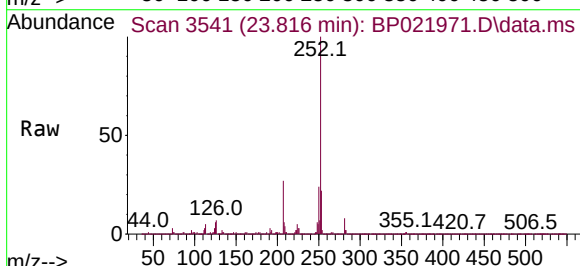
RT: 23.816 min Scan# 3541

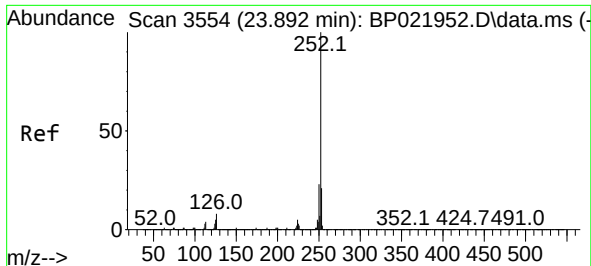
Delta R.T. -0.006 min

Lab File: BP021971.D

Acq: 20 Sep 2024 17:32

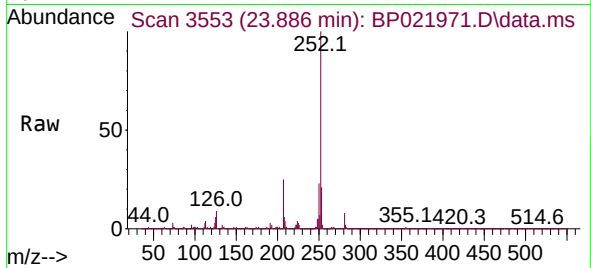
Tgt Ion:	252	Resp:	484456
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.4	26.0
125	5.8	4.2	6.2





#89
Benzo(k)fluoranthene
Concen: 9.070 ng
RT: 23.886 min Scan# 3553
Delta R.T. -0.006 min
Lab File: BP021971.D
Acq: 20 Sep 2024 17:32

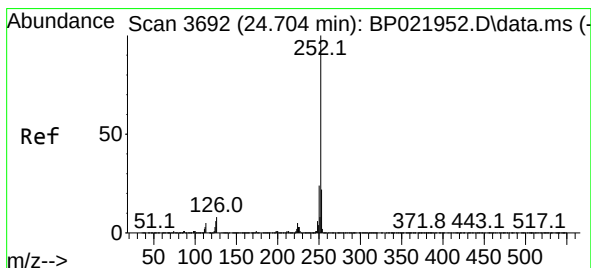
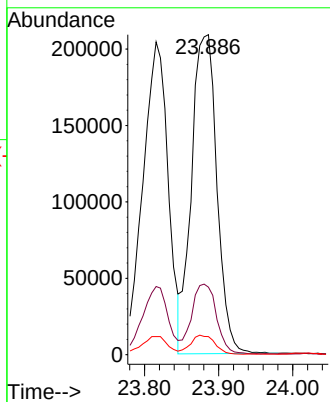
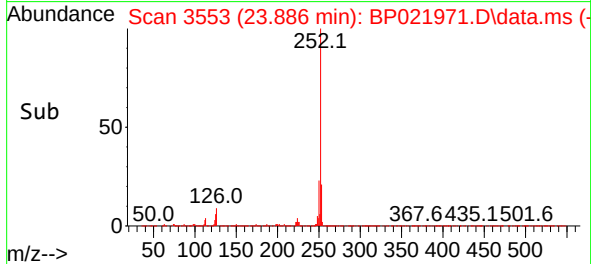
Instrument : BNA_P
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



Tgt Ion:252 Resp: 497209
Ion Ratio Lower Upper
252 100
253 21.1 17.0 25.6
125 5.6 4.3 6.5

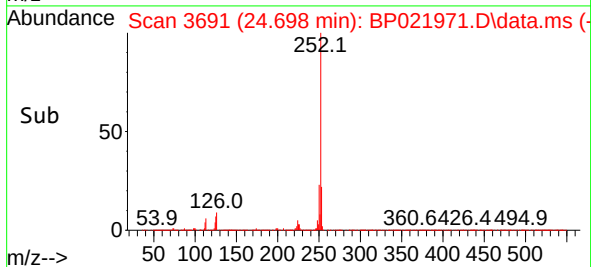
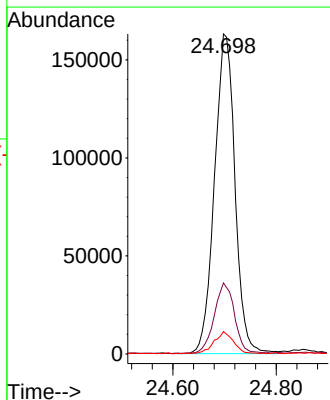
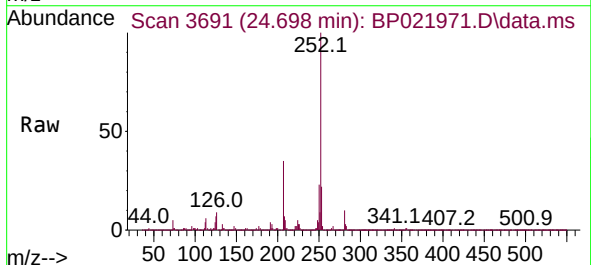
Manual Integrations
APPROVED

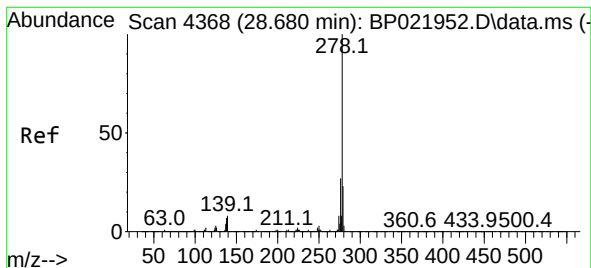
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/24/2024



#90
Benzo(a)pyrene
Concen: 8.995 ng
RT: 24.698 min Scan# 3691
Delta R.T. -0.006 min
Lab File: BP021971.D
Acq: 20 Sep 2024 17:32

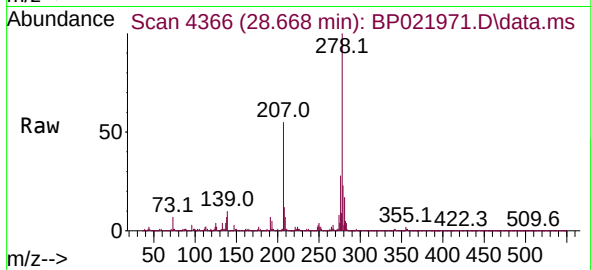
Tgt Ion:252 Resp: 448842
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 7.0 5.0 7.6





#91
Dibenzo(a,h)anthracene
Concen: 8.961 ng
RT: 28.668 min Scan# 41
Delta R.T. -0.012 min
Lab File: BP021971.D
Acq: 20 Sep 2024 17:32

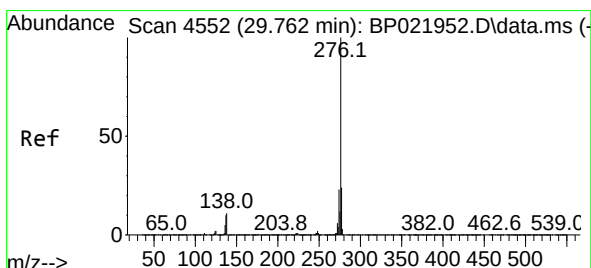
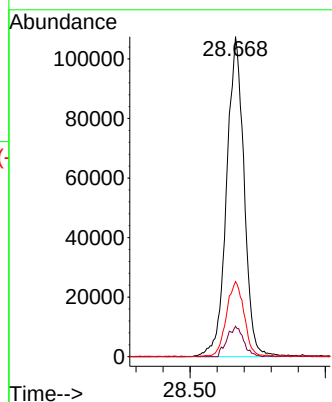
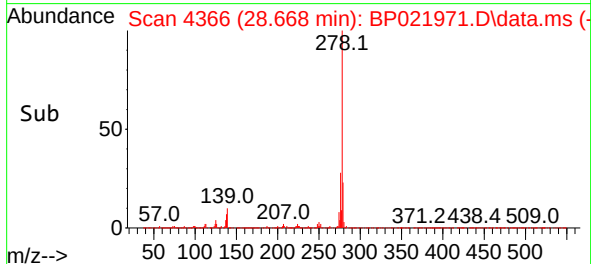
Instrument : BNA_P
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 278 Resp: 481750
Ion Ratio Lower Upper
278 100
139 9.5 6.6 10.0
279 23.5 18.8 28.2

Manual Integrations
APPROVED

Reviewed By : Yogesh Patel 09/21/2024
Supervised By : mohammad ahmed 09/24/2024



#92
Benzo(g,h,i)perylene
Concen: 8.374 ng
RT: 29.739 min Scan# 4548
Delta R.T. -0.023 min
Lab File: BP021971.D
Acq: 20 Sep 2024 17:32

Tgt Ion: 276 Resp: 461157
Ion Ratio Lower Upper
276 100
277 23.4 19.3 28.9
138 11.7 9.2 13.8

