

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092024\
 Data File : BP021968.D
 Acq On : 20 Sep 2024 15:28
 Operator : RC/JU
 Sample : P2403-08
 Misc : LOQ--WATER- 10 ppm
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-WATER-02-QT2-2024

Quant Time: Sep 20 16:13:59 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 :Jagrut Upadhyay 09/20/2024
 Supervised By :mohammad ahmed 09/24/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	77394	20.000	ng	0.00
21) Naphthalene-d8	10.475	136	286000	20.000	ng	0.00
39) Acenaphthene-d10	14.334	164	208669	20.000	ng	0.00
64) Phenanthrene-d10	17.122	188	517879	20.000	ng	-0.02
76) Chrysene-d12	21.551	240	658788	20.000	ng	-0.01
86) Perylene-d12	24.851	264	812266	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	430168	104.453	ng	0.00
7) Phenol-d6	6.887	99	546150	102.155	ng	-0.01
23) Nitrobenzene-d5	8.851	82	405417	75.007	ng	0.00
42) 2,4,6-Tribromophenol	15.845	330	417633	107.958	ng	-0.01
45) 2-Fluorobiphenyl	12.940	172	1043609	73.007	ng	0.00
79) Terphenyl-d14	19.851	244	2293755	65.405	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.258	88	16470	9.631	ng	97
3) Pyridine	3.658	79	35889	7.869	ng	96
4) n-Nitrosodimethylamine	3.564	42	21864	9.088	ng	# 97
6) Aniline	7.046	93	49101	10.451	ng	96
8) 2-Chlorophenol	7.281	128	39188	8.899	ng	94
9) Benzaldehyde	6.863	77	36007m	12.881	ng	
10) Phenol	6.916	94	46709	8.796	ng	99
11) bis(2-Chloroethyl)ether	7.140	93	34432	8.608	ng	97
12) 1,3-Dichlorobenzene	7.604	146	47412	8.528	ng	97
13) 1,4-Dichlorobenzene	7.746	146	49469	8.774	ng	97
14) 1,2-Dichlorobenzene	8.057	146	47143	8.711	ng	96
15) Benzyl Alcohol	7.946	79	35355	8.623	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.228	45	40320	9.451	ng	96
17) 2-Methylphenol	8.146	107	30223	8.425	ng	94
18) Hexachloroethane	8.781	117	16982	8.191	ng	88
19) n-Nitroso-di-n-propyla...	8.504	70	29285	8.813	ng	99
20) 3+4-Methylphenols	8.469	107	40766	8.050	ng	99
22) Acetophenone	8.522	105	64790	9.287	ng	# 99
24) Nitrobenzene	8.893	77	49180	8.960	ng	99
25) Isophorone	9.416	82	77198	8.663	ng	99
26) 2-Nitrophenol	9.598	139	18648	7.770	ng	94
27) 2,4-Dimethylphenol	9.657	122	23537	8.470	ng	97
28) bis(2-Chloroethoxy)met...	9.893	93	45317	8.482	ng	96
29) 2,4-Dichlorophenol	10.128	162	38343	8.129	ng	98
30) 1,2,4-Trichlorobenzene	10.334	180	49529	8.430	ng	99
31) Naphthalene	10.528	128	121910	8.543	ng	99
32) Benzoic acid	9.734	122	20128m	6.195	ng	
33) 4-Chloroaniline	10.628	127	46632	9.059	ng	97
34) Hexachlorobutadiene	10.816	225	37815	8.227	ng	95
35) Caprolactam	11.398	113	10487	7.471	ng	# 87
36) 4-Chloro-3-methylphenol	11.751	107	40220	7.948	ng	98
37) 2-Methylnaphthalene	12.140	142	87460	8.377	ng	98
38) 1-Methylnaphthalene	12.351	142	82951	8.047	ng	98
40) 1,2,4,5-Tetrachloroben...	12.510	216	63950	8.760	ng	98
41) Hexachlorocyclopentadiene	12.492	237	26718	9.850	ng	98
43) 2,4,6-Trichlorophenol	12.751	196	34578	7.717	ng	98

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 BNA_P
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 LOQ-WATER-02-QT2-2024

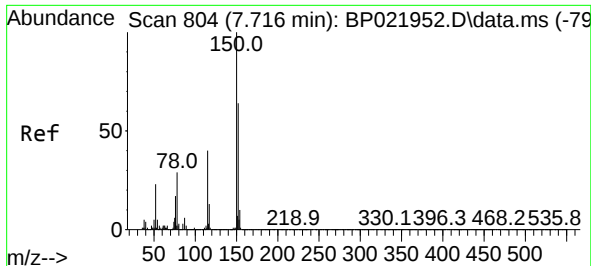
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.822	196	39259	7.810	ng	94
46) 1,1'-Biphenyl	13.157	154	128631	9.041	ng	99
47) 2-Chloronaphthalene	13.198	162	99482	8.647	ng	99
48) 2-Nitroaniline	13.398	65	24620	7.837	ng	98
49) Acenaphthylene	14.051	152	146373	9.017	ng	99
50) Dimethylphthalate	13.781	163	130445	8.619	ng	99
51) 2,6-Dinitrotoluene	13.904	165	25301	7.502	ng	96
52) Acenaphthene	14.398	154	87166	8.250	ng	98
53) 3-Nitroaniline	14.234	138	23642	7.866	ng #	92
54) 2,4-Dinitrophenol	14.439	184	13085	6.622	ng	92
55) Dibenzofuran	14.739	168	157136	8.848	ng	99
56) 4-Nitrophenol	14.557	139	19491	7.450	ng	96
57) 2,4-Dinitrotoluene	14.698	165	36026	7.557	ng	96
58) Fluorene	15.392	166	127117	8.572	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.969	232	40382	8.324	ng	99
60) Diethylphthalate	15.163	149	129235	8.403	ng	100
61) 4-Chlorophenyl-phenyle...	15.404	204	72918	8.446	ng	97
62) 4-Nitroaniline	15.422	138	25683	7.771	ng	98
63) Azobenzene	15.698	77	109181	8.579	ng	99
65) 4,6-Dinitro-2-methylph...	15.469	198	21943	7.310	ng	93
66) n-Nitrosodiphenylamine	15.604	169	108875	8.443	ng	97
67) 4-Bromophenyl-phenylether	16.298	248	50379	8.345	ng	99
68) Hexachlorobenzene	16.422	284	62033	8.242	ng	99
69) Atrazine	16.580	200	45660	9.883	ng	98
70) Pentachlorophenol	16.769	266	34605	6.834	ng	98
71) Phenanthrene	17.163	178	214558	8.631	ng	99
72) Anthracene	17.263	178	212279	8.821	ng	99
73) Carbazole	17.551	167	195256	8.401	ng	99
74) Di-n-butylphthalate	18.139	149	206060	7.548	ng	100
75) Fluoranthene	19.257	202	287956	8.299	ng	100
77) Benzidine	19.445	184	130263	16.180	ng	97
78) Pyrene	19.633	202	309390	7.763	ng	99
80) Butylbenzylphthalate	20.580	149	100917	7.100	ng	95
81) Benzo(a)anthracene	21.533	228	361325	8.536	ng	98
82) 3,3'-Dichlorobenzidine	21.457	252	127065	8.273	ng	100
83) Chrysene	21.598	228	352208	8.837	ng	100
84) Bis(2-ethylhexyl)phtha...	21.480	149	148253	7.106	ng	100
85) Di-n-octyl phthalate	22.739	149	238449	6.730	ng	99
87) Indeno(1,2,3-cd)pyrene	28.562	276	470162	8.703	ng	100
88) Benzo(b)fluoranthene	23.798	252	381745	7.947	ng	99
89) Benzo(k)fluoranthene	23.874	252	386111	8.493	ng	100
90) Benzo(a)pyrene	24.686	252	349061	8.435	ng	100
91) Dibenzo(a,h)anthracene	28.639	278	385526	8.647	ng	100
92) Benzo(g,h,i)perylene	29.721	276	365401	8.000	ng	100

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



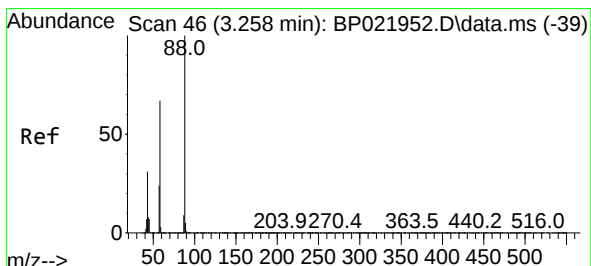
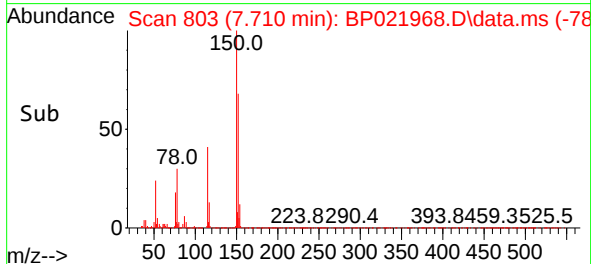
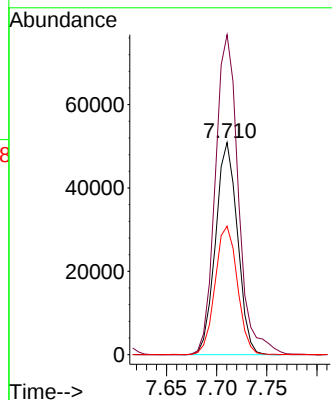
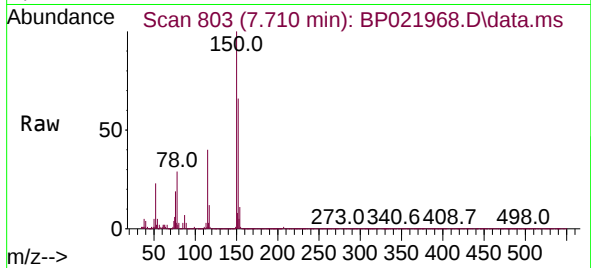
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.710 min Scan# 804
Delta R.T. -0.006 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion:152 Resp: 77394
Ion Ratio Lower Upper
152 100
150 150.9 124.2 186.2
115 60.6 49.2 73.8

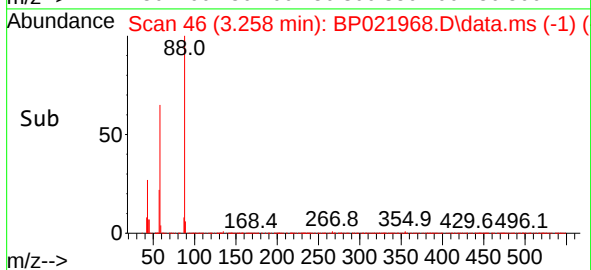
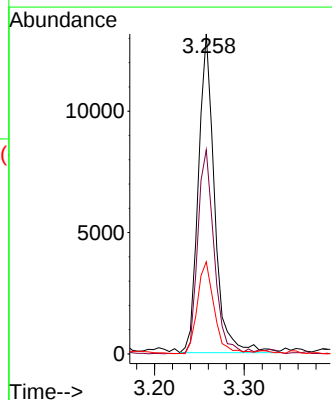
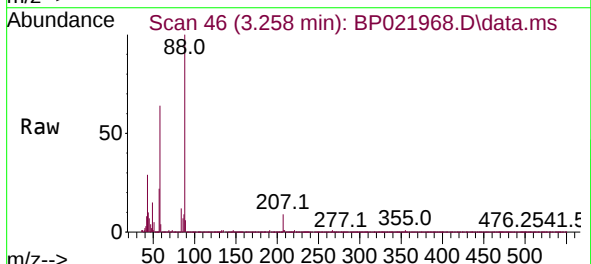
Manual Integrations
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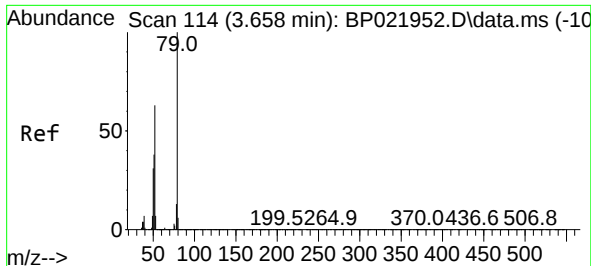
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#2
1,4-Dioxane
Concen: 9.631 ng
RT: 3.258 min Scan# 46
Delta R.T. -0.000 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

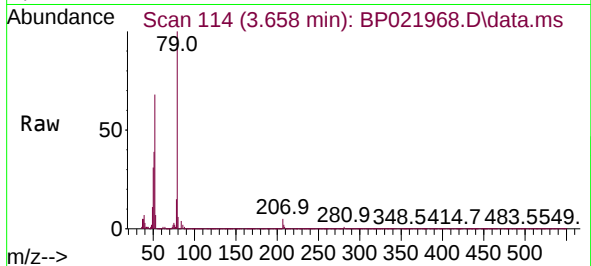
Tgt Ion: 88 Resp: 16470
Ion Ratio Lower Upper
88 100
58 64.6 53.8 80.6
43 30.0 25.2 37.8





#3
Pyridine
Concen: 7.869 ng
RT: 3.658 min Scan# 114
Delta R.T. -0.000 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

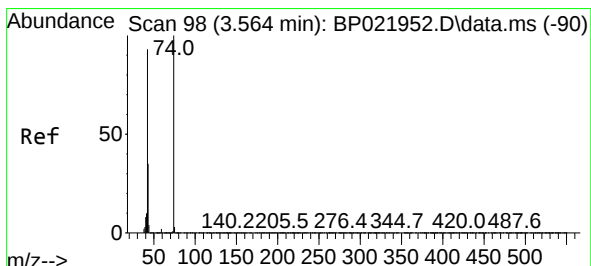
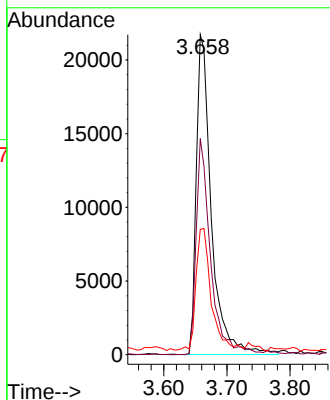
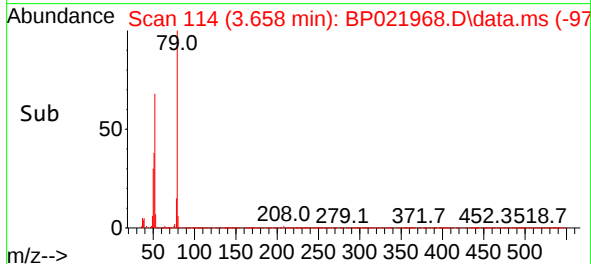
Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2024



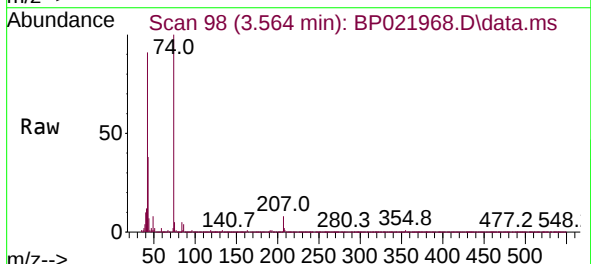
Tgt Ion: 79 Resp: 3588
Ion Ratio Lower Upper
79 100
52 67.6 50.3 75.5
51 39.1 30.9 46.3

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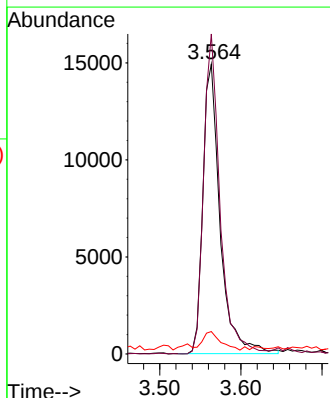
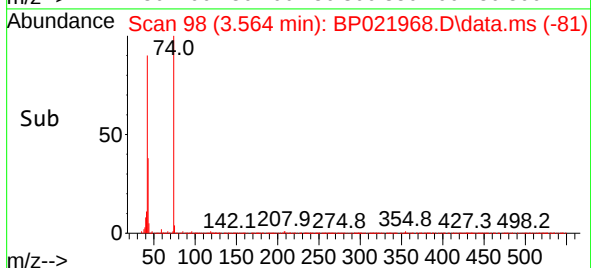
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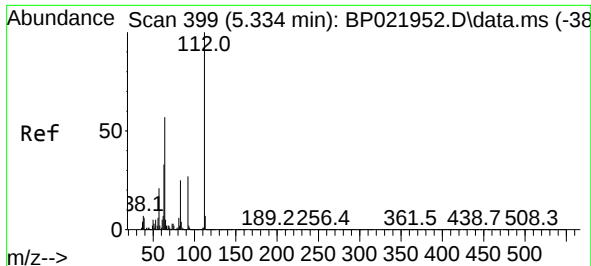


#4
n-Nitrosodimethylamine
Concen: 9.088 ng
RT: 3.564 min Scan# 98
Delta R.T. -0.000 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28



Tgt Ion: 42 Resp: 21864
Ion Ratio Lower Upper
42 100
74 110.5 86.3 129.5
44 7.7 4.0 6.0





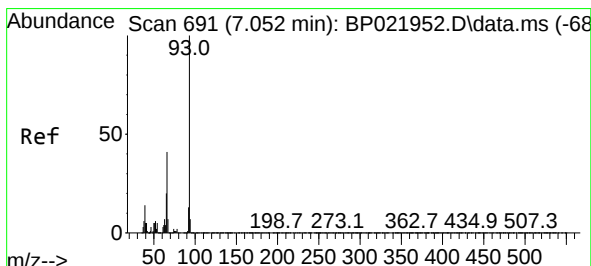
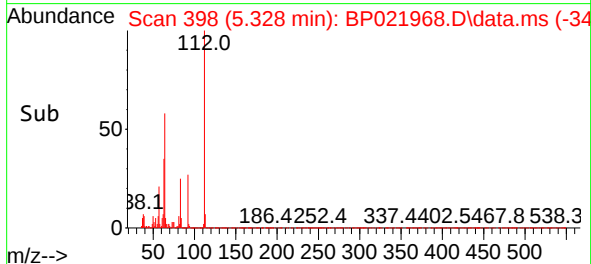
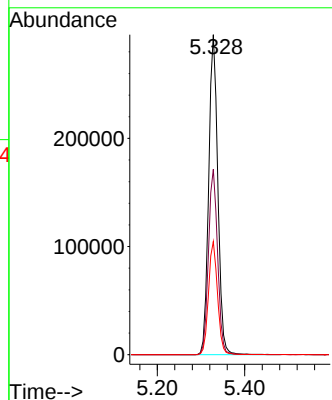
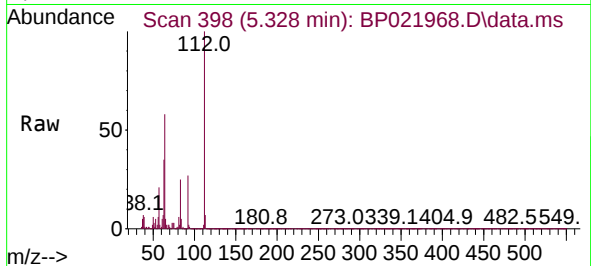
#5
2-Fluorophenol
Concen: 104.453 ng
RT: 5.328 min Scan# 399
Delta R.T. -0.006 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion:112 Resp: 430168
Ion Ratio Lower Upper
112 100
64 57.9 45.4 68.0
63 35.4 26.6 39.8

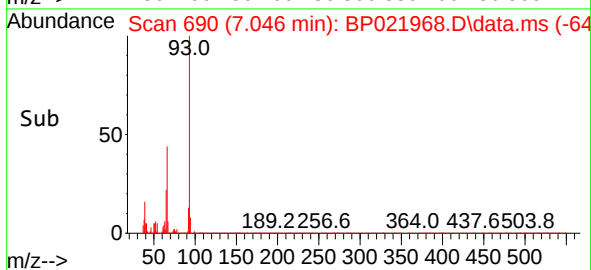
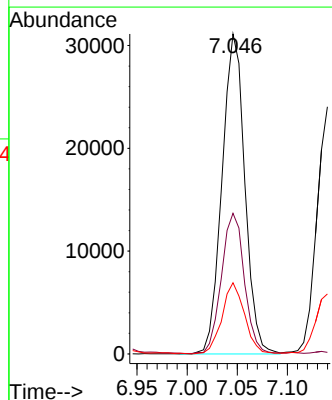
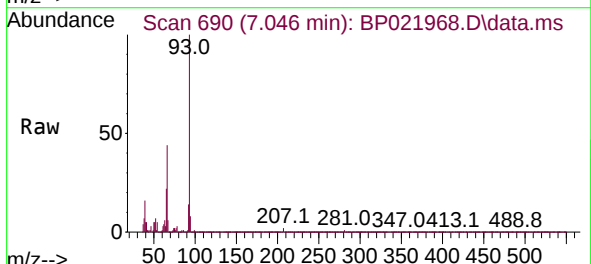
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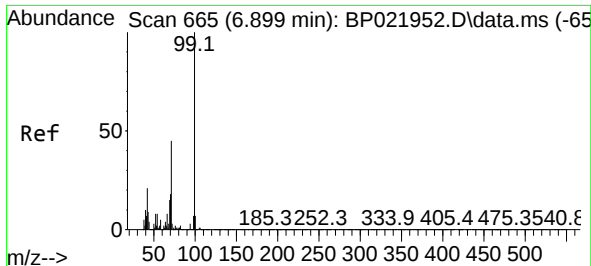
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#6
Aniline
Concen: 10.451 ng
RT: 7.046 min Scan# 690
Delta R.T. -0.006 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

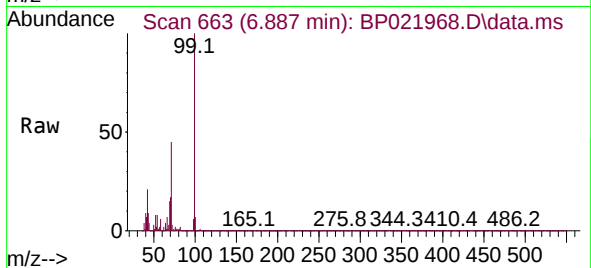
Tgt Ion: 93 Resp: 49101
Ion Ratio Lower Upper
93 100
66 43.9 33.0 49.4
65 22.2 16.1 24.1





#7
Phenol-d6
Concen: 102.155 ng
RT: 6.887 min Scan# 60
Delta R.T. -0.012 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

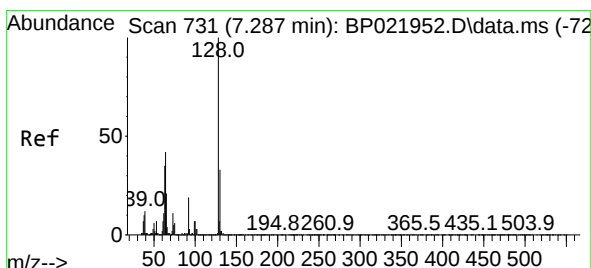
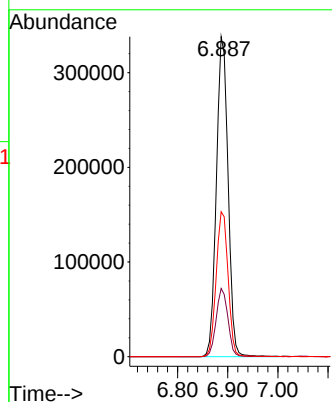
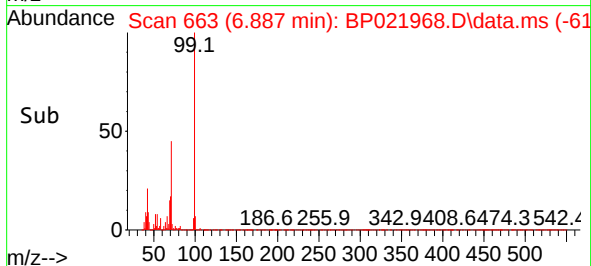
Instrument :
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Tgt Ion: 99 Resp: 546150
Ion Ratio Lower Upper
99 100
42 21.3 16.8 25.2
71 45.3 35.8 53.6

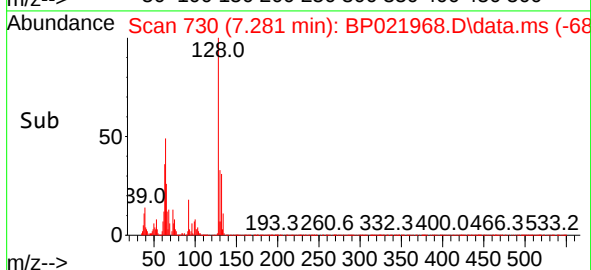
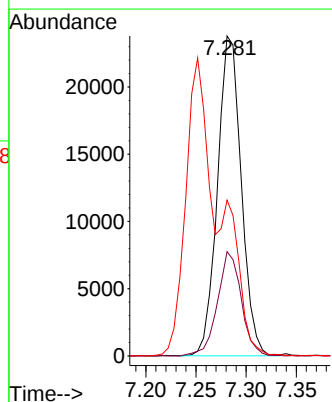
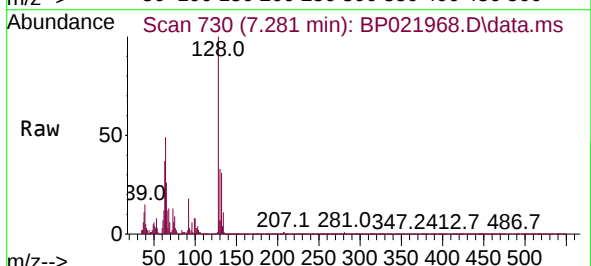
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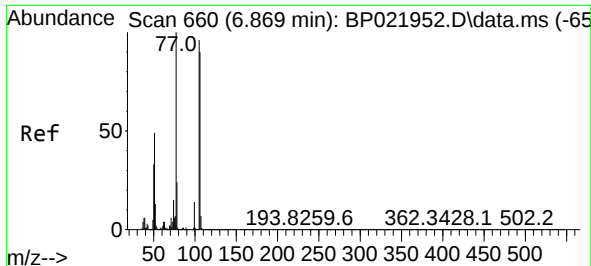
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#8
2-Chlorophenol
Concen: 8.899 ng
RT: 7.281 min Scan# 730
Delta R.T. -0.006 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

Tgt Ion:128 Resp: 39188
Ion Ratio Lower Upper
128 100
130 32.6 13.1 53.1
64 48.7 22.1 62.1





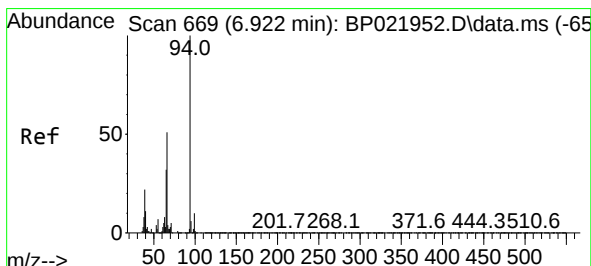
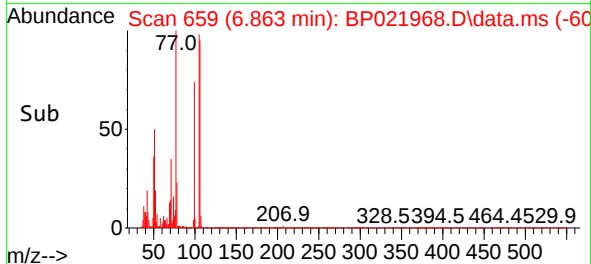
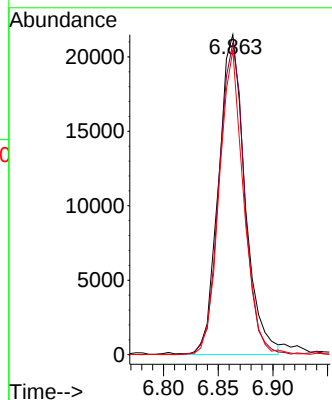
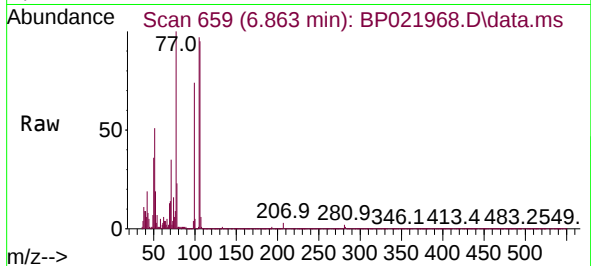
#9
Benzaldehyde
Concen: 12.881 ng m
RT: 6.863 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion: 77 Resp: 3600
Ion Ratio Lower Upper
77 100
105 97.3 76.1 116.1
106 95.1 69.9 109.9

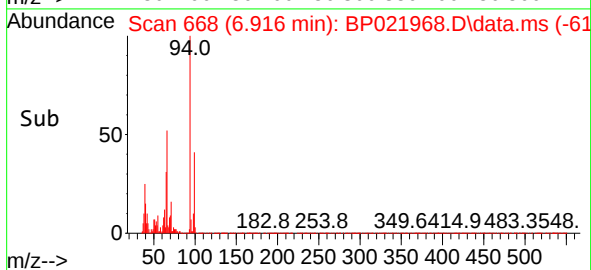
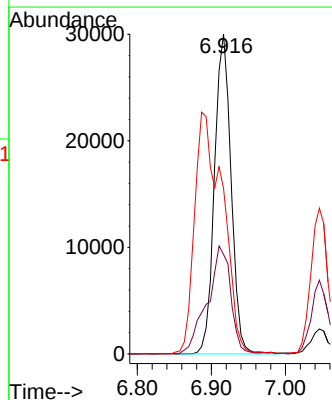
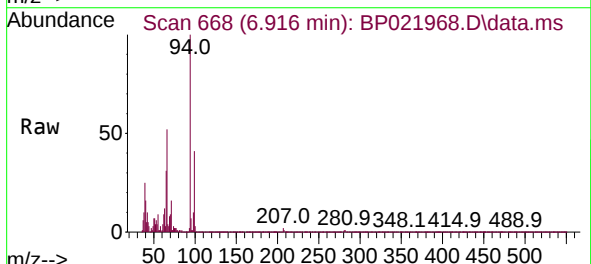
Manual Integrations
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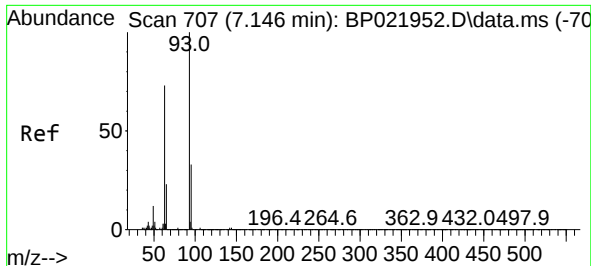
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#10
Phenol
Concen: 8.796 ng
RT: 6.916 min Scan# 668
Delta R.T. -0.006 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

Tgt Ion: 94 Resp: 46709
Ion Ratio Lower Upper
94 100
65 31.1 12.5 52.5
66 51.7 31.2 71.2





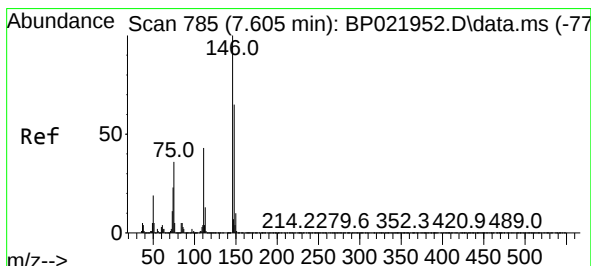
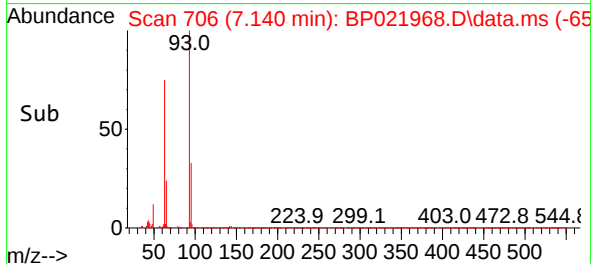
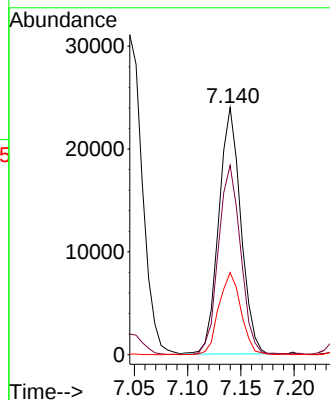
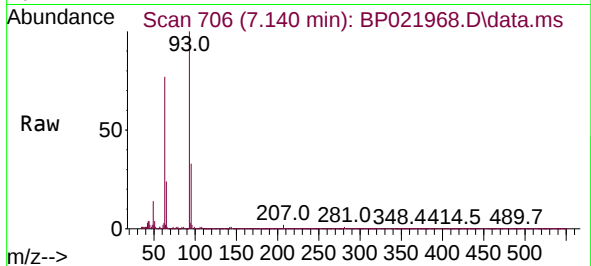
#11
bis(2-Chloroethyl)ether
Concen: 8.608 ng
RT: 7.140 min Scan# 707
Delta R.T. -0.006 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion: 93 Resp: 3443
Ion Ratio Lower Upper
93 100
63 76.6 53.0 93.0
95 33.2 12.4 52.4

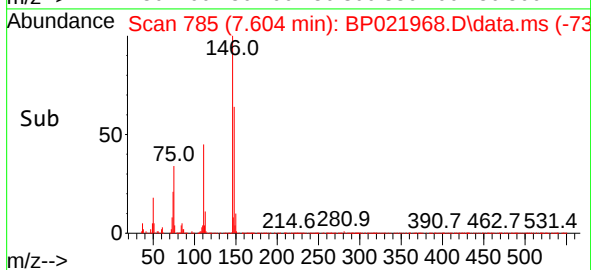
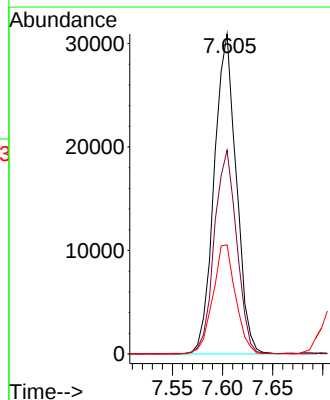
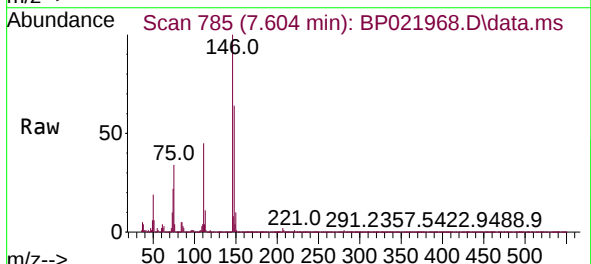
Manual Integrations
APPROVED

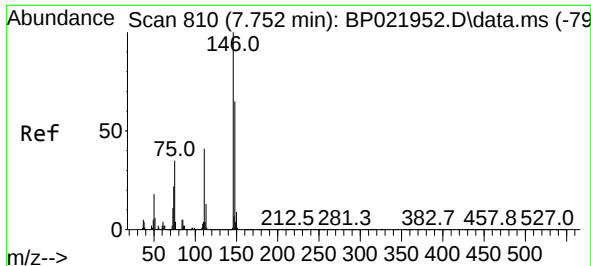
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#12
1,3-Dichlorobenzene
Concen: 8.528 ng
RT: 7.604 min Scan# 785
Delta R.T. -0.000 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

Tgt Ion:146 Resp: 47412
Ion Ratio Lower Upper
146 100
148 63.7 52.3 78.5
75 34.1 29.0 43.6





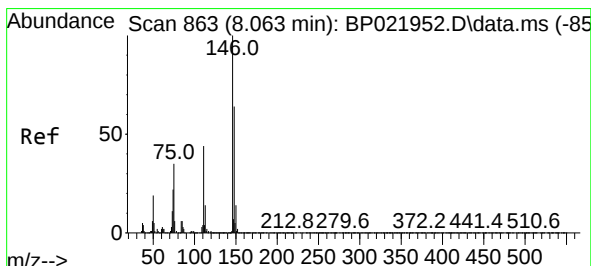
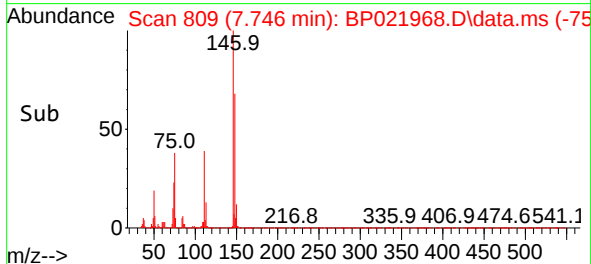
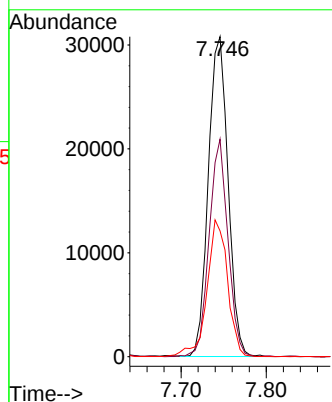
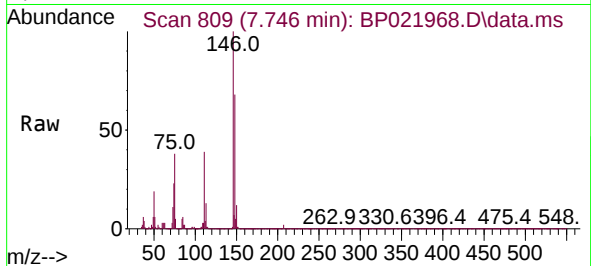
#13
1,4-Dichlorobenzene
Concen: 8.774 ng
RT: 7.746 min Scan# 809
Delta R.T. -0.006 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

Instrument : BNA_P
ClientSampleId : LOQ-WATER-02-QT2-2024

Tgt Ion:146 Resp: 49469
Ion Ratio Lower Upper
146 100
148 68.0 52.2 78.4
111 39.3 32.6 48.8

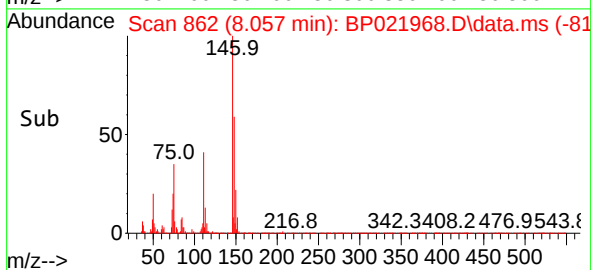
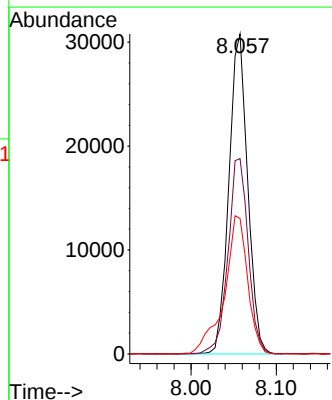
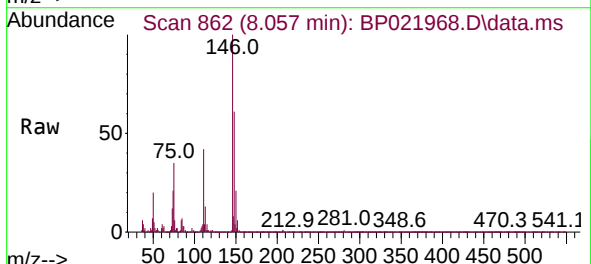
Manual Integrations
APPROVED

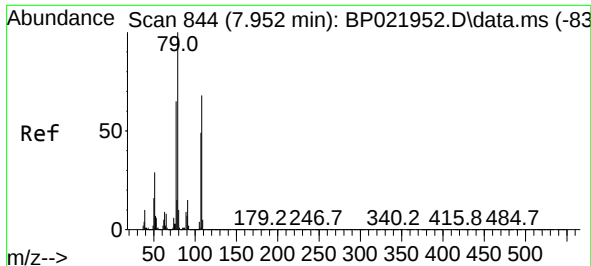
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#14
1,2-Dichlorobenzene
Concen: 8.711 ng
RT: 8.057 min Scan# 862
Delta R.T. -0.006 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

Tgt Ion:146 Resp: 47143
Ion Ratio Lower Upper
146 100
148 61.0 51.3 76.9
111 42.3 35.6 53.4





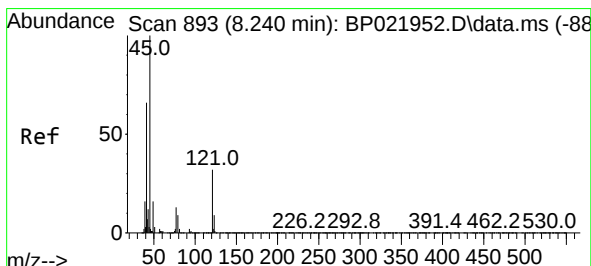
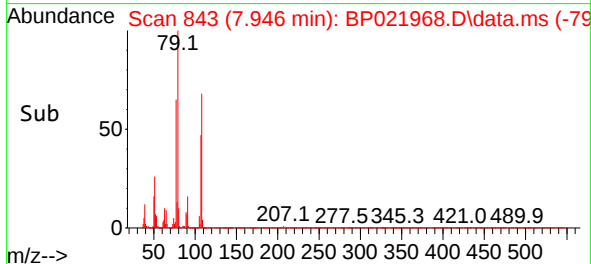
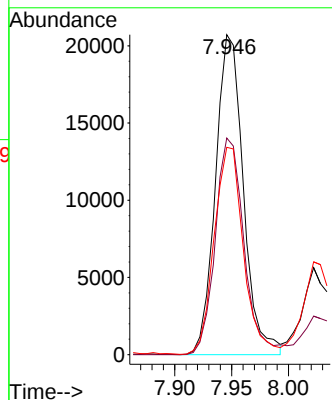
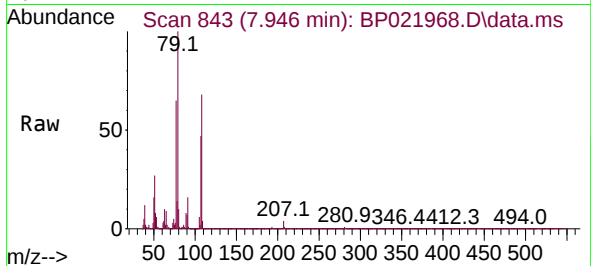
#15
Benzyl Alcohol
Concen: 8.623 ng
RT: 7.946 min Scan# 844
Delta R.T. -0.006 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion: 79 Resp: 3535
Ion Ratio Lower Upper
79 100
108 67.7 54.7 82.1
77 64.8 51.8 77.8

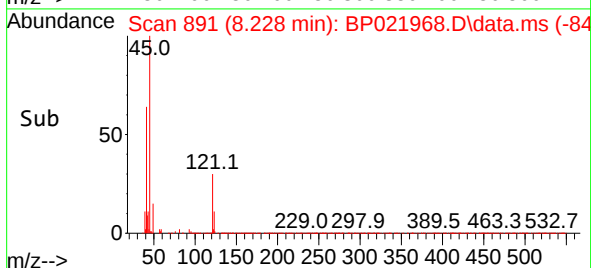
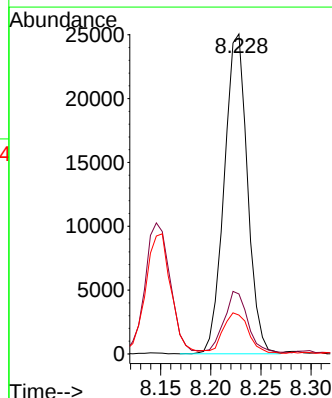
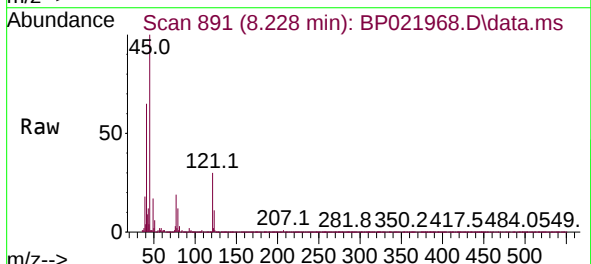
Manual Integrations
APPROVED

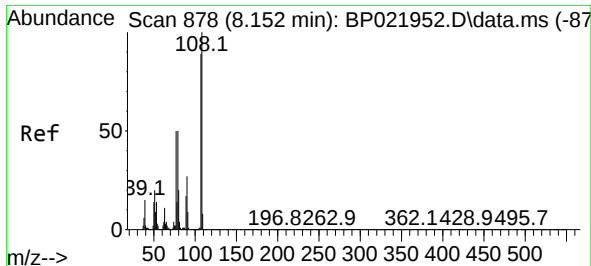
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.451 ng
RT: 8.228 min Scan# 891
Delta R.T. -0.012 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

Tgt Ion: 45 Resp: 40320
Ion Ratio Lower Upper
45 100
77 18.7 0.0 39.5
79 12.2 0.0 34.9





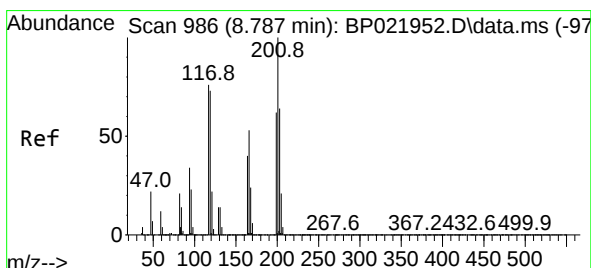
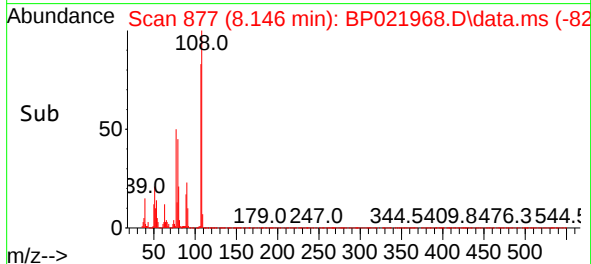
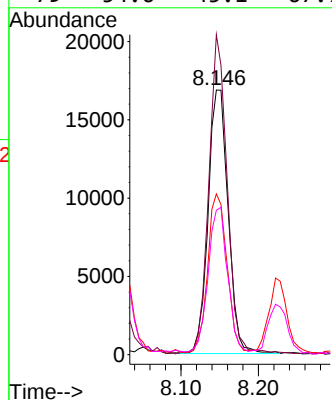
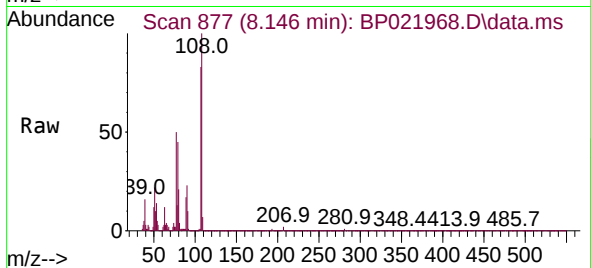
#17
2-Methylphenol
Concen: 8.425 ng
RT: 8.146 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion:	107	Resp:	3022
Ion Ratio	Lower	Upper	
107	100		
108	120.9	90.3	135.5
77	60.7	45.1	67.7
79	54.6	45.1	67.7

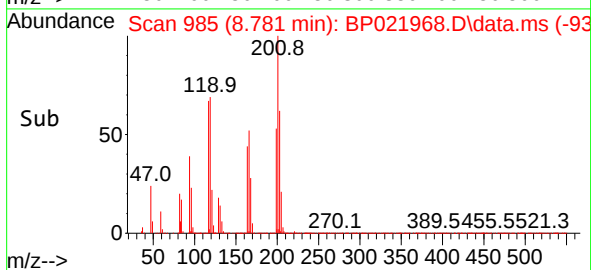
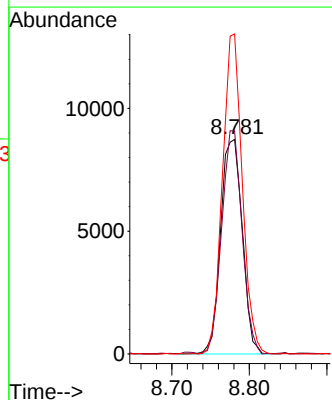
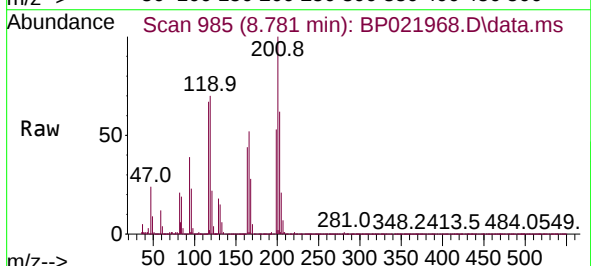
Manual Integrations
APPROVED

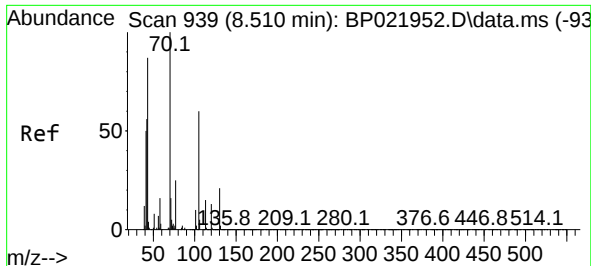
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#18
Hexachloroethane
Concen: 8.191 ng
RT: 8.781 min Scan# 985
Delta R.T. -0.006 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

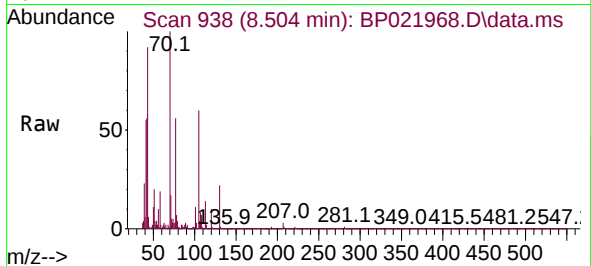
Tgt Ion:	117	Resp:	16982
Ion Ratio	Lower	Upper	
117	100		
119	103.9	77.0	115.4
201	149.1	105.6	158.4





#19
n-Nitroso-di-n-propylamine
Concen: 8.813 ng
RT: 8.504 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

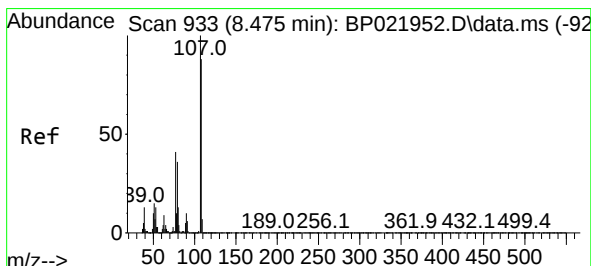
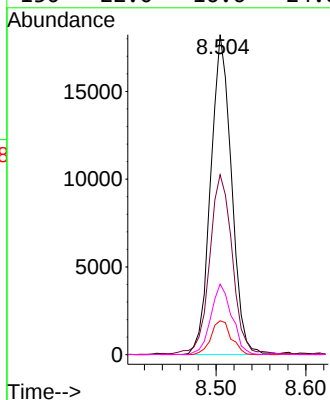
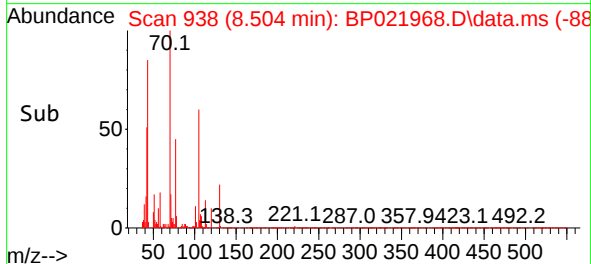
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 70 Resp: 2928
Ion Ratio Lower Upper
70 100
42 56.3 45.2 67.8
101 10.6 7.8 11.6
130 22.0 16.6 24.8

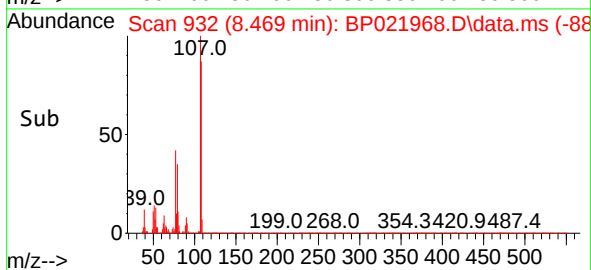
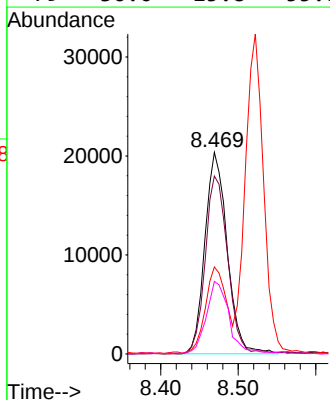
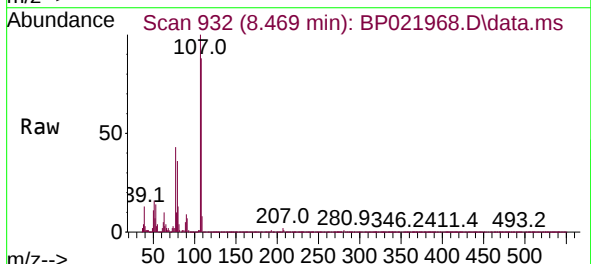
Manual Integrations
APPROVED

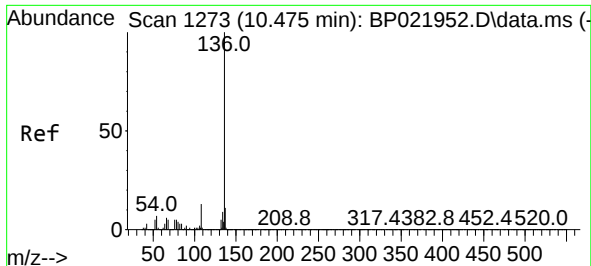
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#20
3+4-Methylphenols
Concen: 8.050 ng
RT: 8.469 min Scan# 932
Delta R.T. -0.006 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

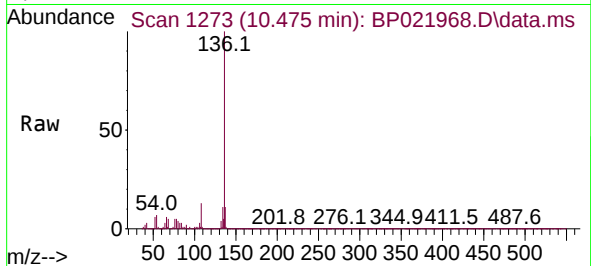
Tgt Ion:107 Resp: 40766
Ion Ratio Lower Upper
107 100
108 88.2 68.3 108.3
77 43.1 20.6 60.6
79 36.0 15.8 55.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 10
Delta R.T. -0.000 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

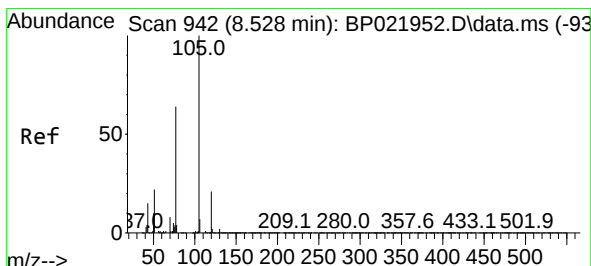
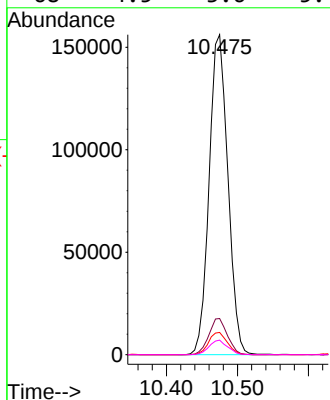
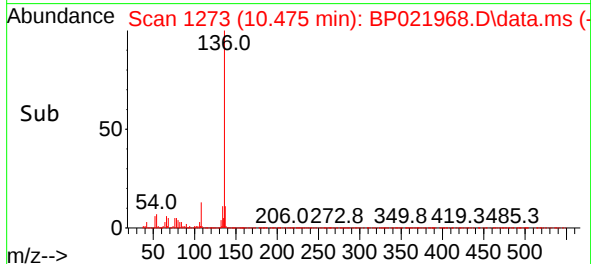
Instrument : BNA_P
ClientSampleId : LOQ-WATER-02-QT2-2024



Tgt Ion:	136	Resp:	286000
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.8	13.2
54	7.0	5.5	8.3
68	4.5	3.6	5.4

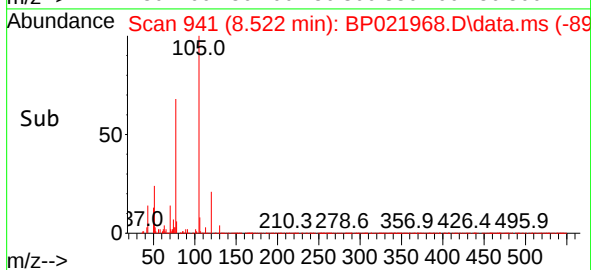
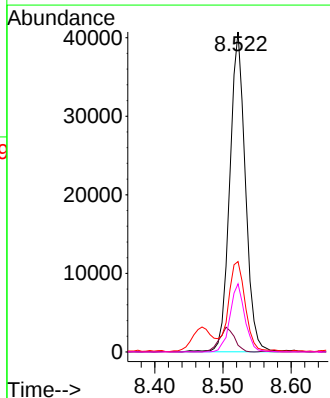
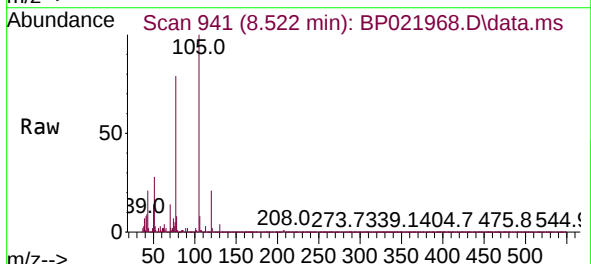
Manual Integrations
APPROVED

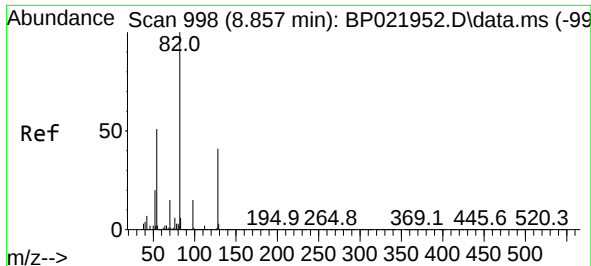
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#22
Acetophenone
Concen: 9.287 ng
RT: 8.522 min Scan# 941
Delta R.T. -0.006 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

Tgt Ion:	105	Resp:	64790
Ion Ratio	Lower	Upper	
105	100		
71	2.1	1.4	2.0
51	28.3	22.1	33.1
120	21.3	16.8	25.2





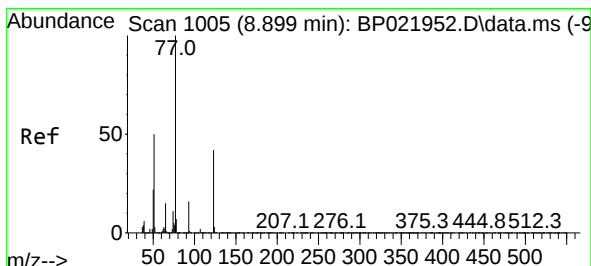
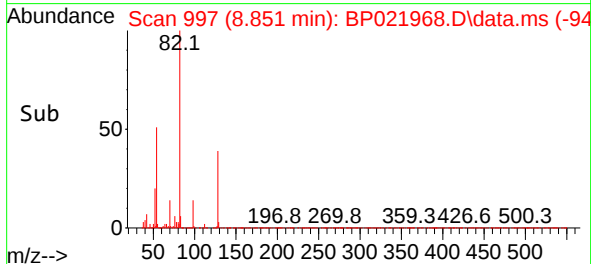
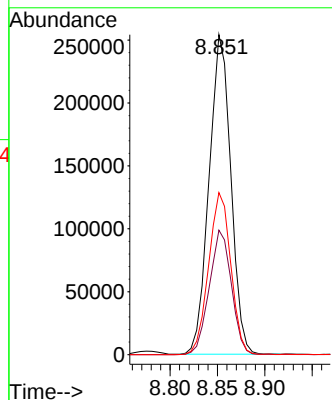
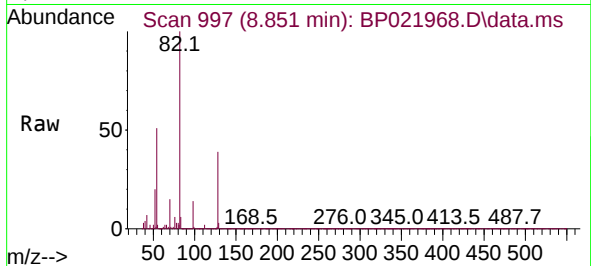
#23
Nitrobenzene-d5
Concen: 75.007 ng
RT: 8.851 min Scan# 99
Delta R.T. -0.006 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion: 82 Resp: 40541
Ion Ratio Lower Upper
82 100
128 38.9 33.1 49.7
54 50.7 40.3 60.5

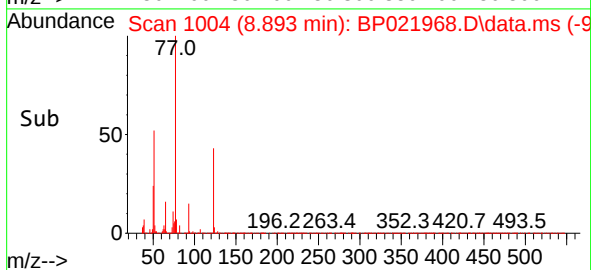
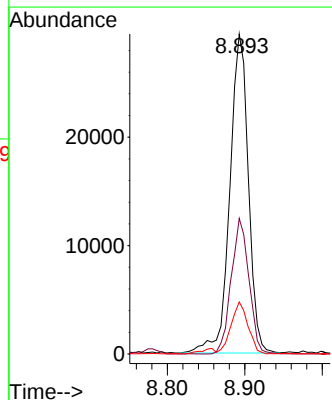
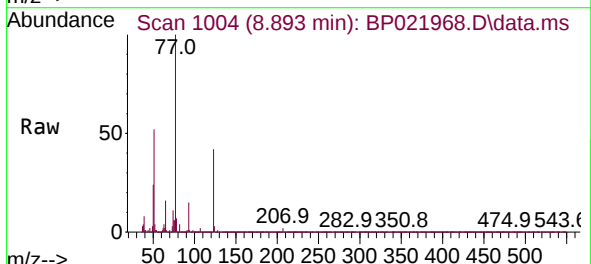
Manual Integrations
APPROVED

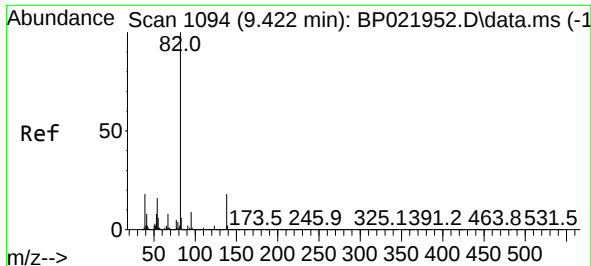
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#24
Nitrobenzene
Concen: 8.960 ng
RT: 8.893 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

Tgt Ion: 77 Resp: 49180
Ion Ratio Lower Upper
77 100
123 42.4 33.9 50.9
65 16.3 12.0 18.0





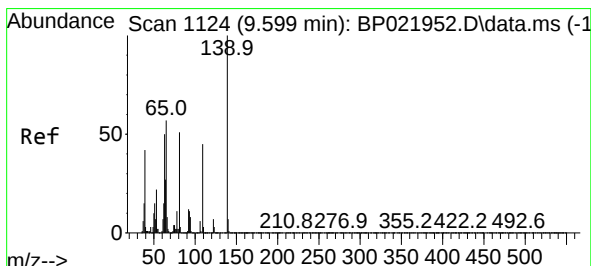
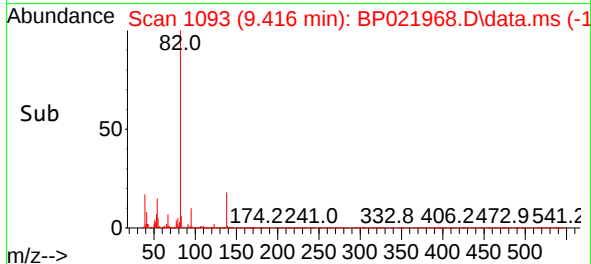
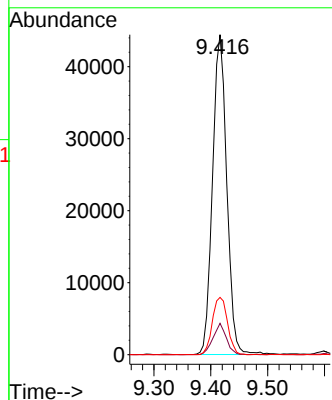
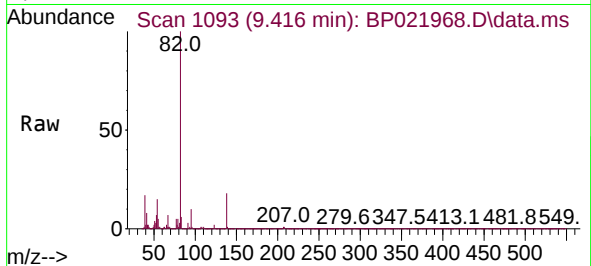
#25
Isophorone
Concen: 8.663 ng
RT: 9.416 min Scan# 1093
Delta R.T. -0.006 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion: 82 Resp: 77198
Ion Ratio Lower Upper
82 100
95 9.8 7.0 10.6
138 17.9 14.6 21.8

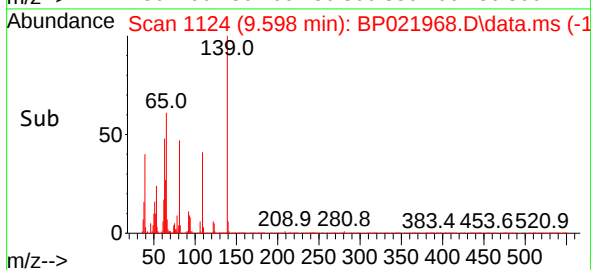
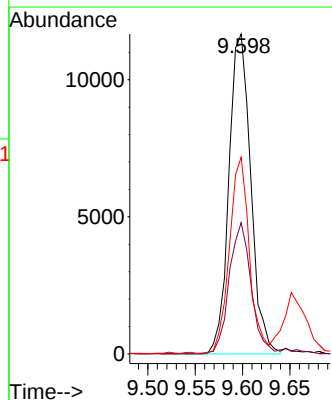
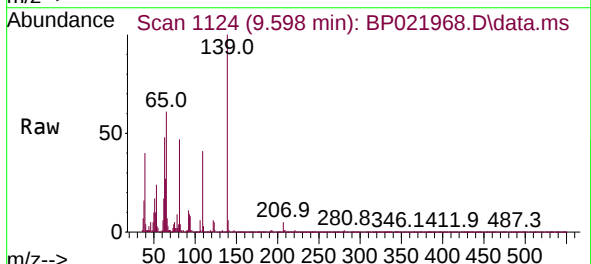
Manual Integrations
APPROVED

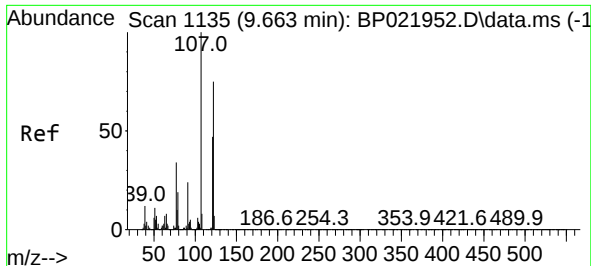
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#26
2-Nitrophenol
Concen: 7.770 ng
RT: 9.598 min Scan# 1124
Delta R.T. -0.000 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

Tgt Ion:139 Resp: 18648
Ion Ratio Lower Upper
139 100
109 41.0 36.0 54.0
65 61.5 45.7 68.5





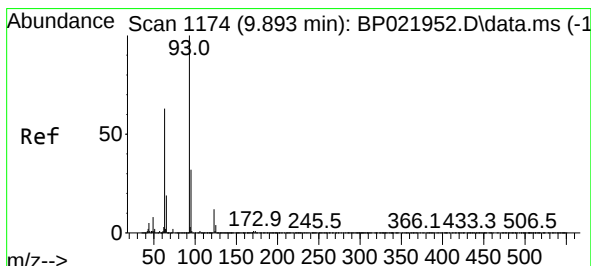
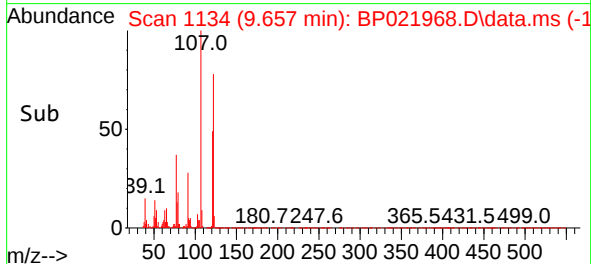
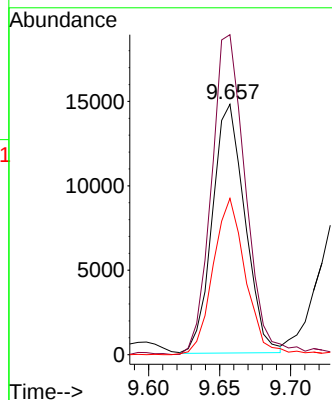
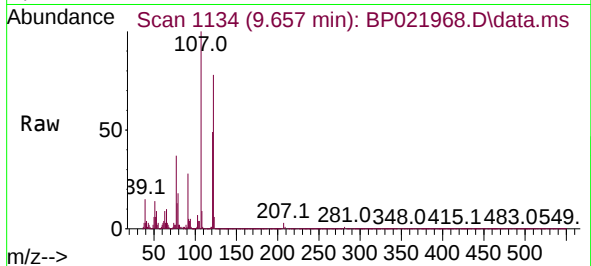
#27
2,4-Dimethylphenol
Concen: 8.470 ng
RT: 9.657 min Scan# 1134
Delta R.T. -0.006 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

Instrument : BNA_P
ClientSampleId : LOQ-WATER-02-QT2-2024

Tgt Ion: 122 Resp: 2353
Ion Ratio Lower Upper
122 100
107 127.8 106.1 159.1
121 62.4 49.6 74.4

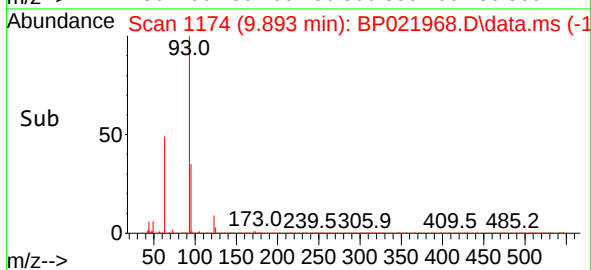
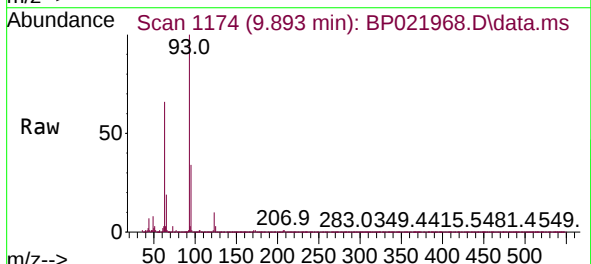
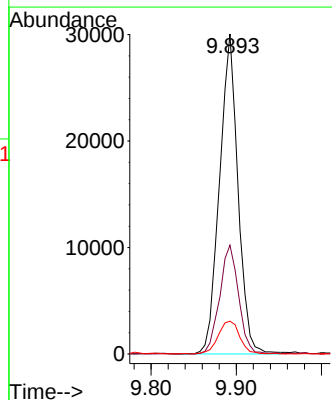
Manual Integrations
APPROVED

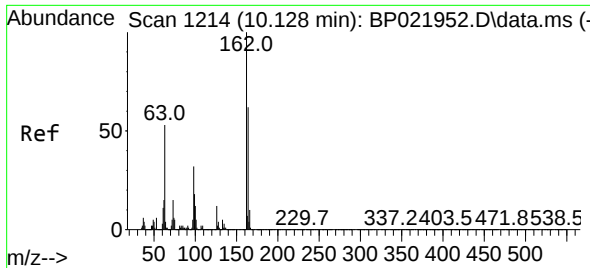
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#28
bis(2-Chloroethoxy)methane
Concen: 8.482 ng
RT: 9.893 min Scan# 1174
Delta R.T. -0.000 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

Tgt Ion: 93 Resp: 45317
Ion Ratio Lower Upper
93 100
95 34.0 25.7 38.5
123 10.2 9.4 14.0





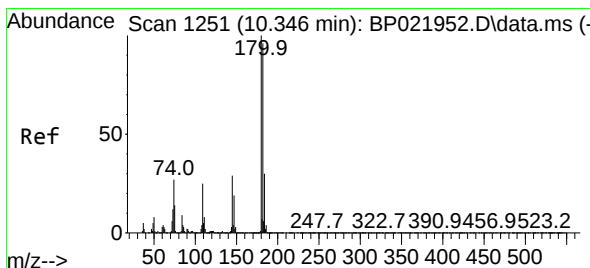
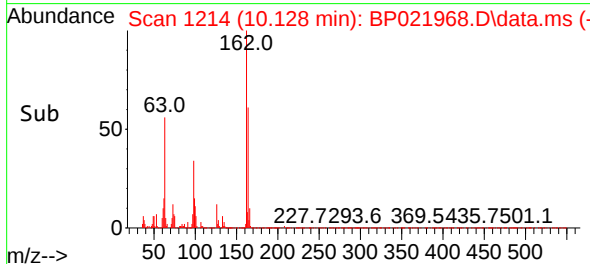
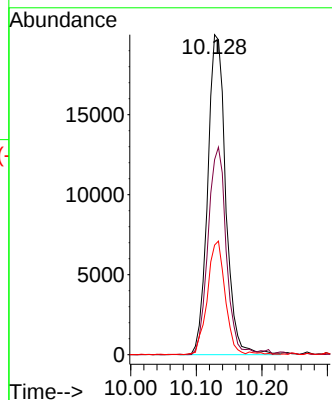
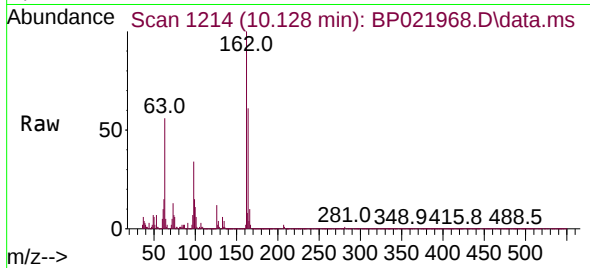
#29
2,4-Dichlorophenol
Concen: 8.129 ng
RT: 10.128 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion	Ratio	Lower	Upper
162	100		
164	61.0	41.7	81.7
98	34.3	12.4	52.4

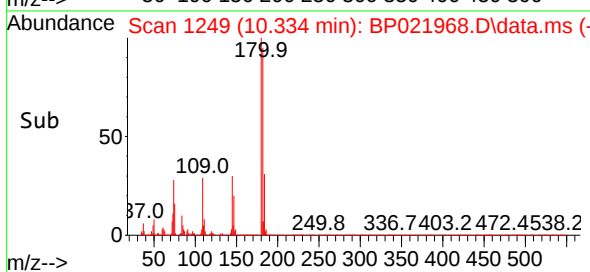
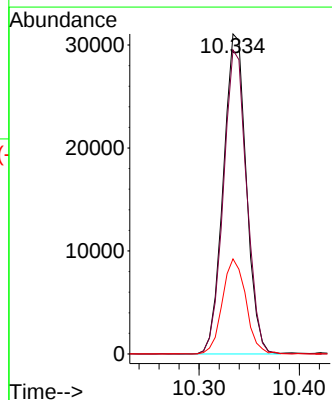
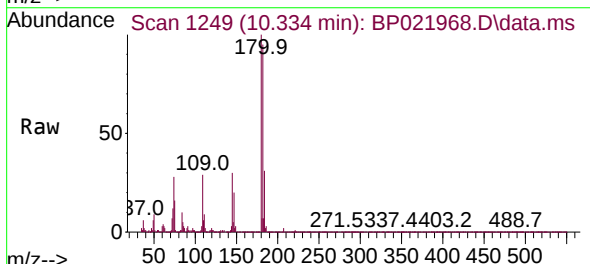
Manual Integrations
APPROVED

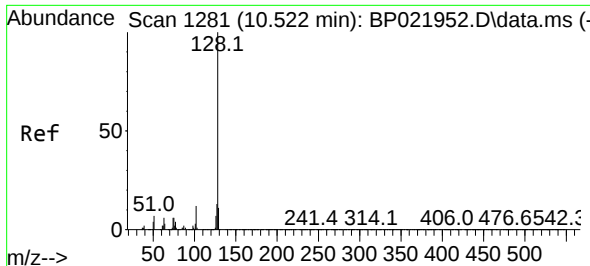
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#30
1,2,4-Trichlorobenzene
Concen: 8.430 ng
RT: 10.334 min Scan# 1249
Delta R.T. -0.012 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

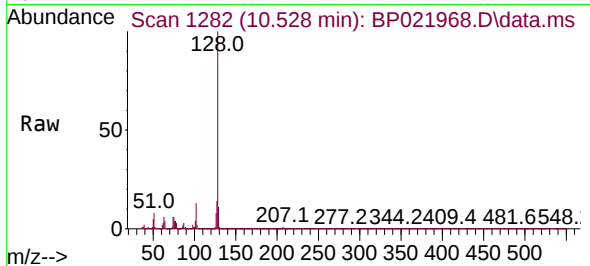
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	77.0	115.4
145	29.7	23.0	34.6





#31
Naphthalene
Concen: 8.543 ng
RT: 10.528 min Scan# 1147
Delta R.T. 0.006 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

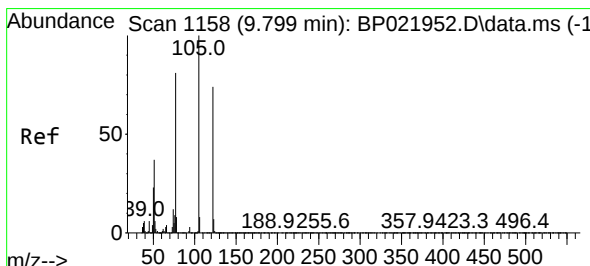
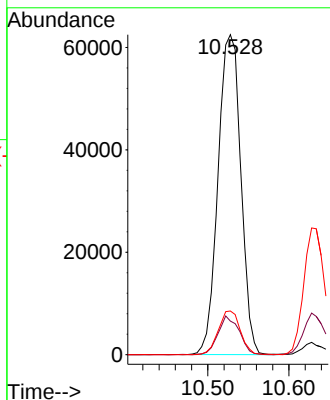
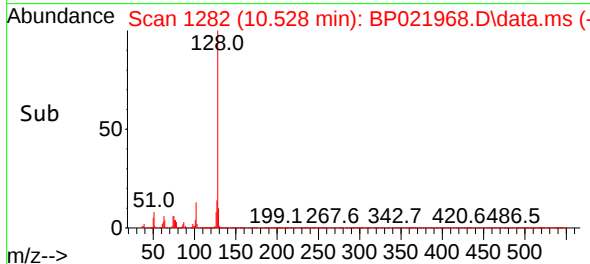
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:128 Resp: 121910
Ion Ratio Lower Upper
128 100
129 10.5 8.6 13.0
127 13.6 10.6 15.8

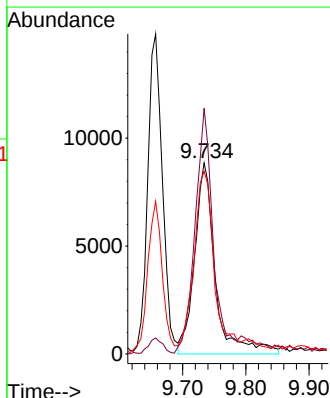
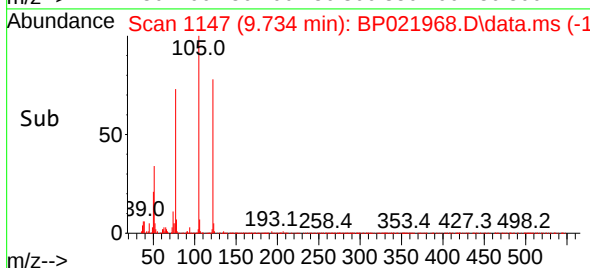
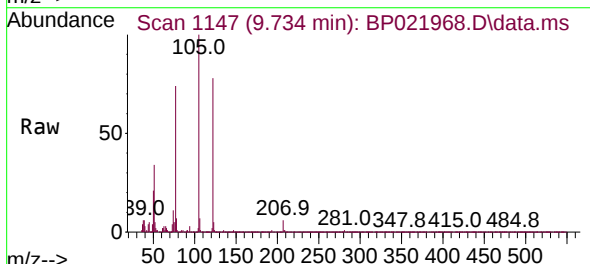
Manual Integrations
APPROVED

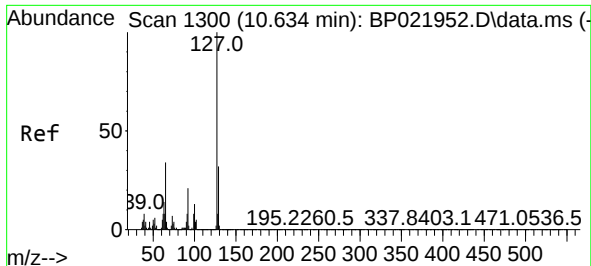
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#32
Benzoic acid
Concen: 6.195 ng m
RT: 9.734 min Scan# 1147
Delta R.T. -0.065 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

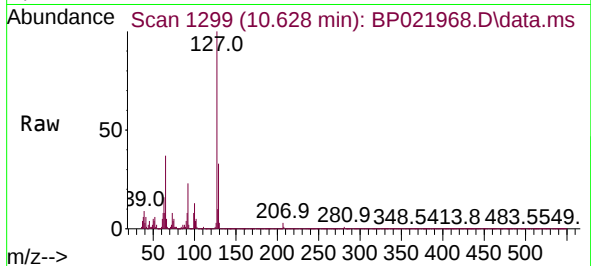
Tgt Ion:122 Resp: 20128
Ion Ratio Lower Upper
122 100
105 128.5 111.3 151.3
77 95.6 86.7 126.7





#33
4-Chloroaniline
Concen: 9.059 ng
RT: 10.628 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

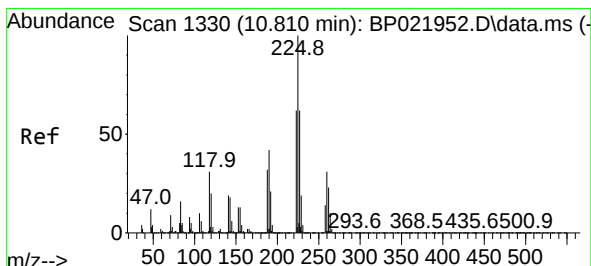
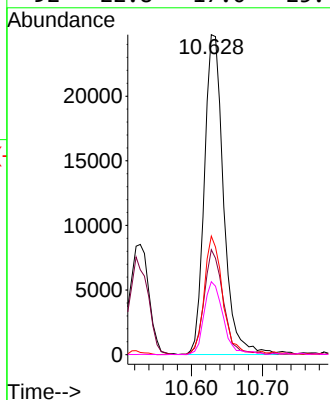
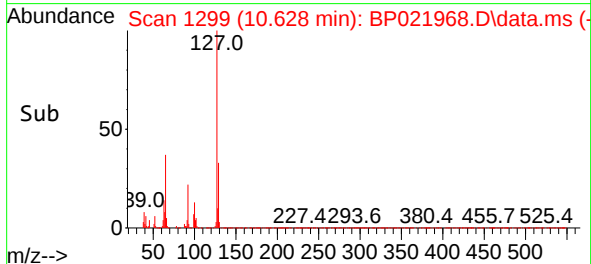
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.4	38.0
65	37.1	27.4	41.2
92	22.8	17.0	25.4

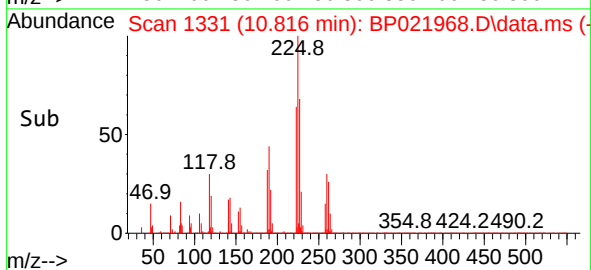
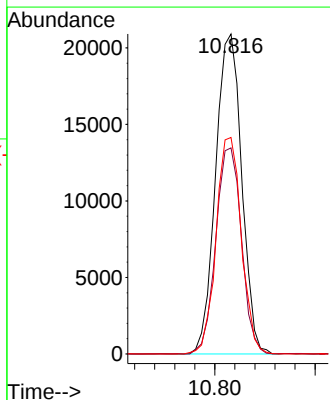
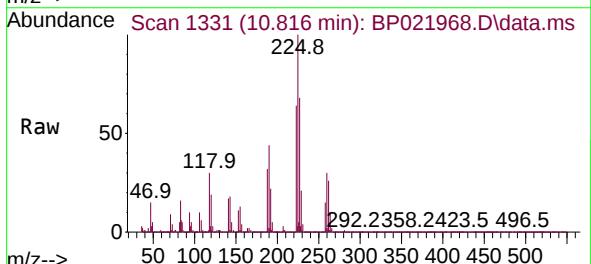
Manual Integrations
APPROVED

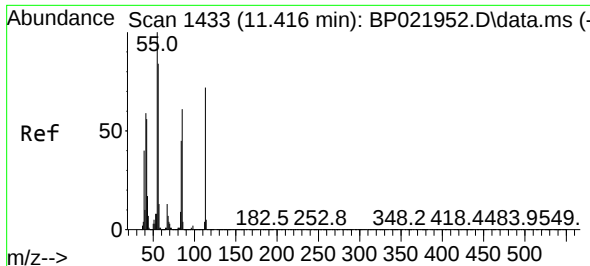
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#34
Hexachlorobutadiene
Concen: 8.227 ng
RT: 10.816 min Scan# 1331
Delta R.T. 0.006 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.4	50.0	75.0
227	67.6	49.7	74.5





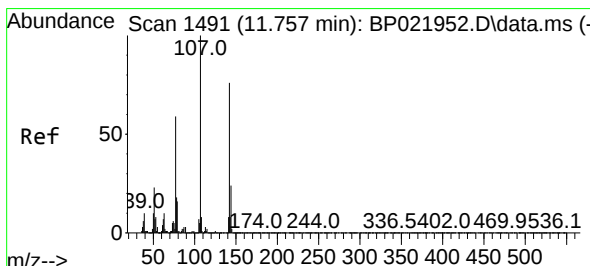
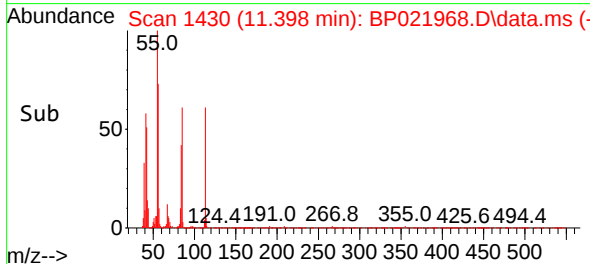
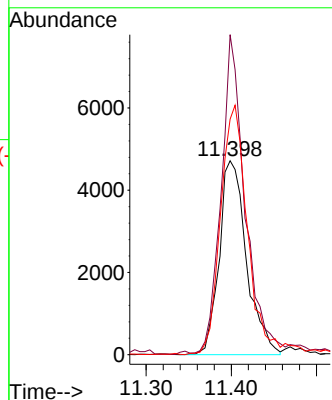
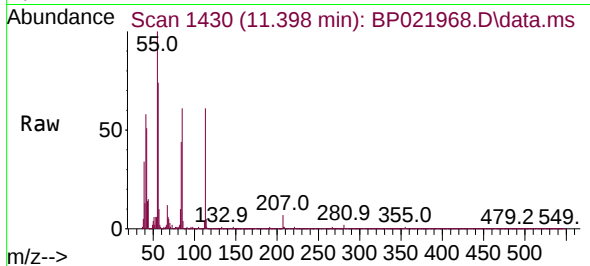
#35
Caprolactam
Concen: 7.471 ng
RT: 11.398 min Scan# 1433
Delta R.T. -0.018 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

Instrument : BNA_P
ClientSampleId : LOQ-WATER-02-QT2-2024

Tgt Ion:113 Resp: 1048
Ion Ratio Lower Upper
113 100
55 165.0 119.4 159.4
56 121.4 97.1 137.1

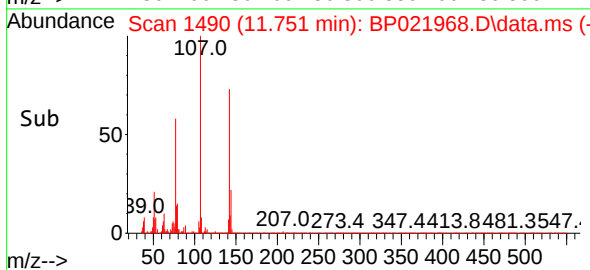
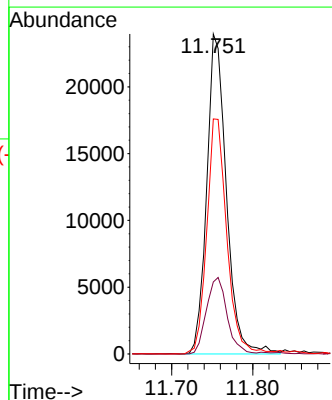
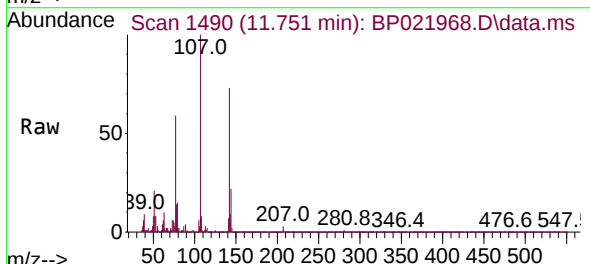
Manual Integrations
APPROVED

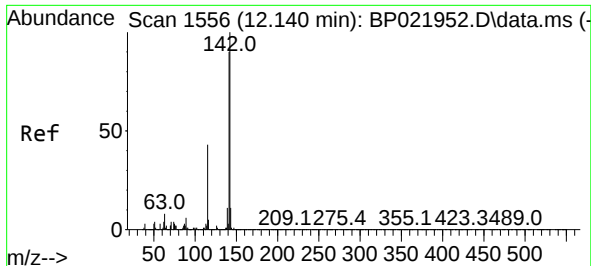
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#36
4-Chloro-3-methylphenol
Concen: 7.948 ng
RT: 11.751 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

Tgt Ion:107 Resp: 40220
Ion Ratio Lower Upper
107 100
144 22.5 19.0 28.4
142 73.5 60.4 90.6





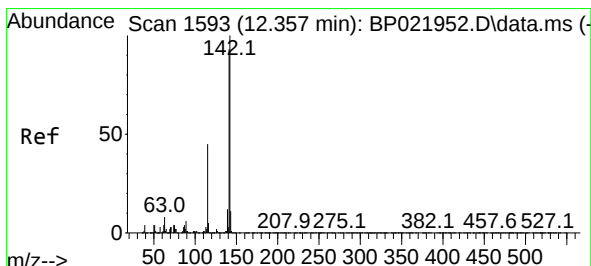
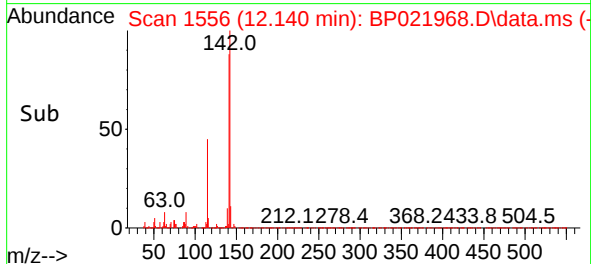
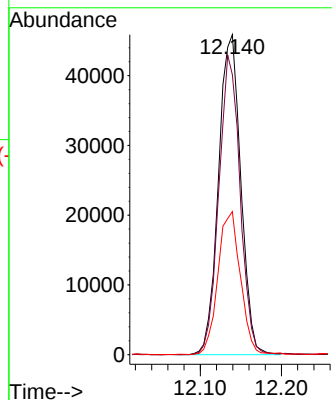
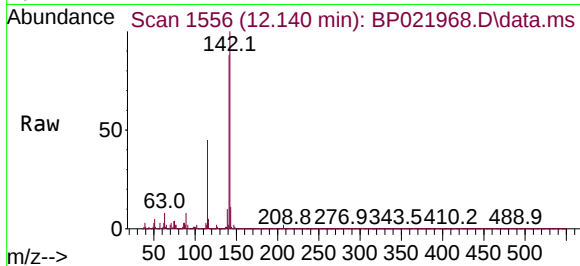
#37
2-Methylnaphthalene
Concen: 8.377 ng
RT: 12.140 min Scan# 1556
Delta R.T. -0.000 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion:142 Resp: 87460
Ion Ratio Lower Upper
142 100
141 87.5 71.7 107.5
115 44.7 34.6 51.8

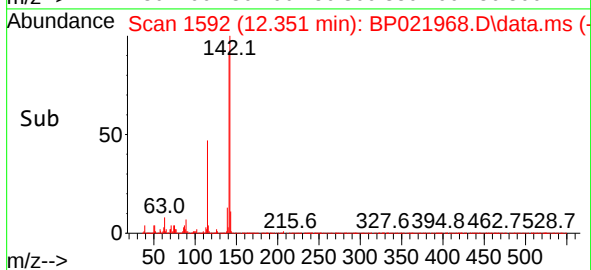
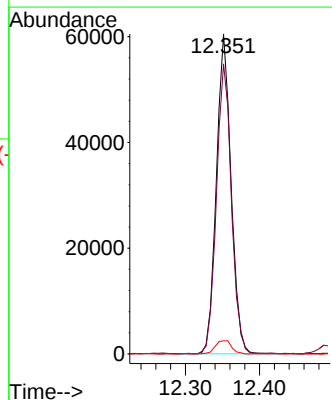
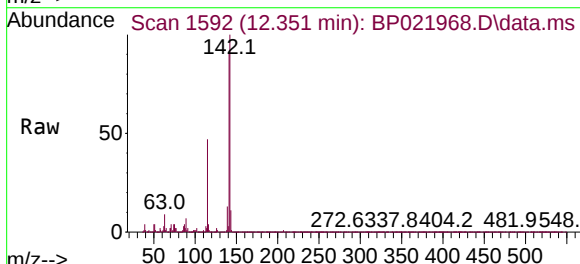
Manual Integrations
APPROVED

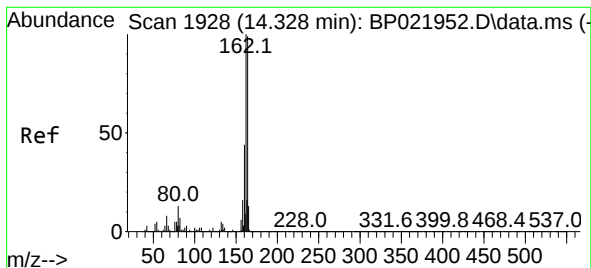
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#38
1-Methylnaphthalene
Concen: 8.047 ng
RT: 12.351 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

Tgt Ion:142 Resp: 82951
Ion Ratio Lower Upper
142 100
141 90.6 74.1 111.1
116 4.1 3.8 5.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.334 min Scan# 1928

Delta R.T. 0.006 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

Instrument :

BNA_P

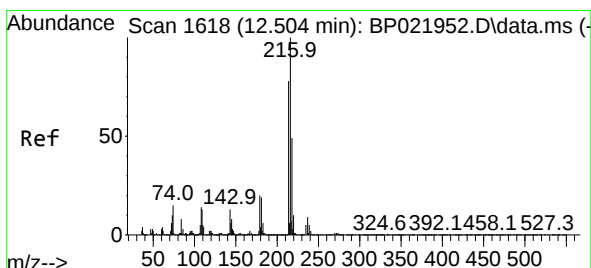
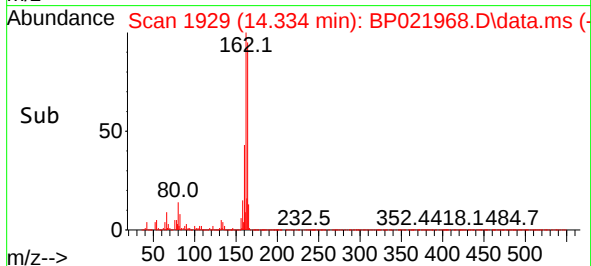
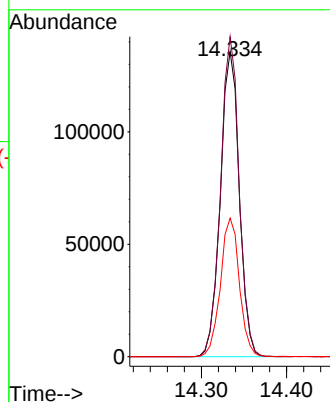
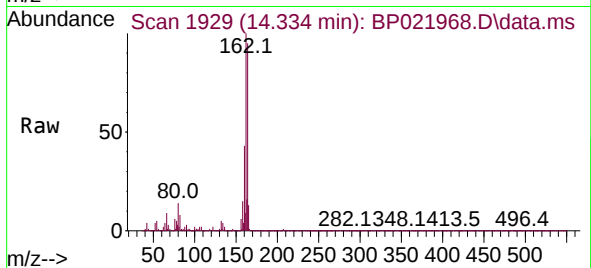
ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion:164	Resp: 208669
Ion Ratio	Lower Upper
164	100
162	104.9 81.2 121.8
160	45.4 35.9 53.9

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 8.760 ng

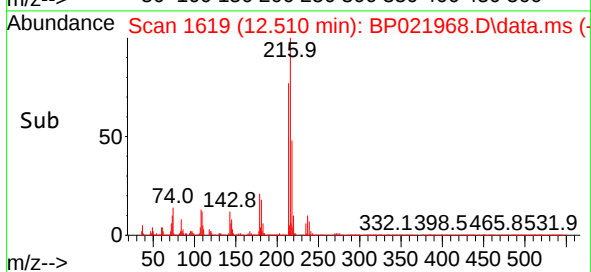
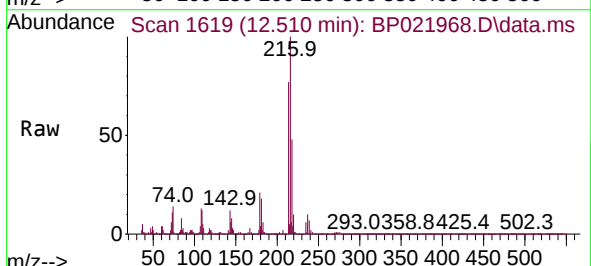
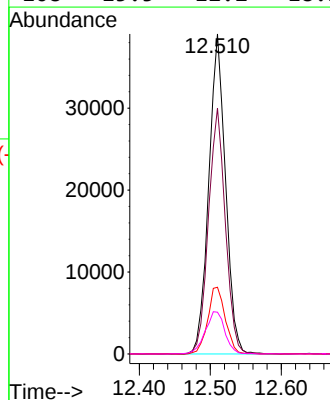
RT: 12.510 min Scan# 1619

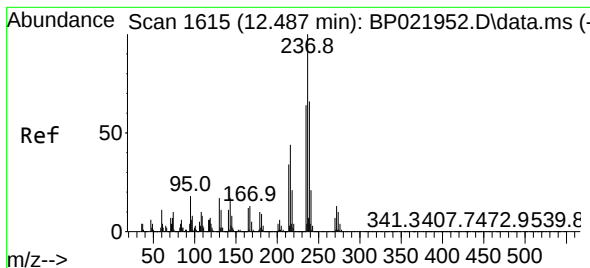
Delta R.T. 0.006 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

Tgt Ion:216	Resp: 63950
Ion Ratio	Lower Upper
216	100
214	77.4 62.8 94.2
179	21.9 16.4 24.6
108	15.5 12.2 18.2





#41

Hexachlorocyclopentadiene

Concen: 9.850 ng

RT: 12.492 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

Instrument :

BNA_P

ClientSampleId :

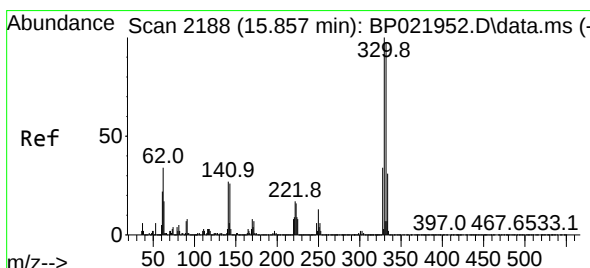
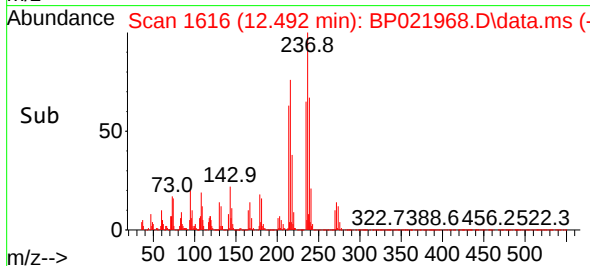
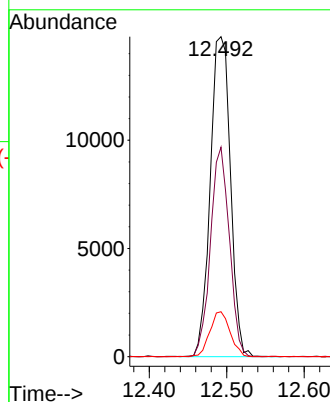
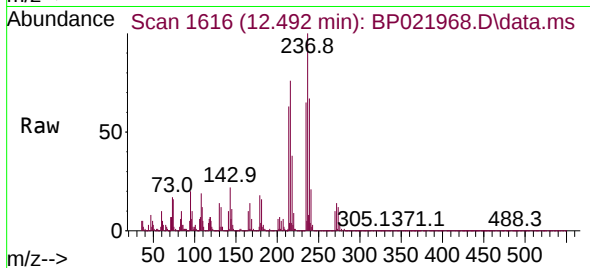
LOQ-WATER-02-QT2-2024

Tgt Ion:	237	Resp:	26718
Ion Ratio	Lower	Upper	
237	100		
235	65.4	44.1	84.1
272	14.1	0.0	33.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#42

2,4,6-Tribromophenol

Concen: 107.958 ng

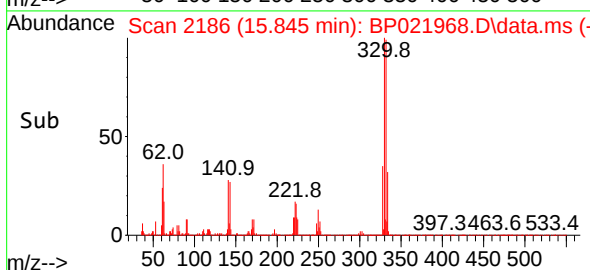
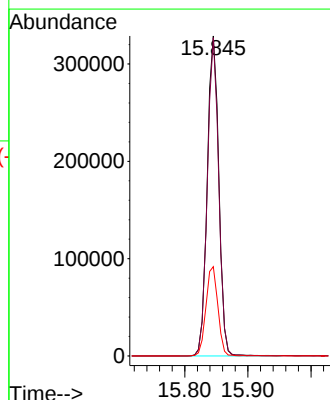
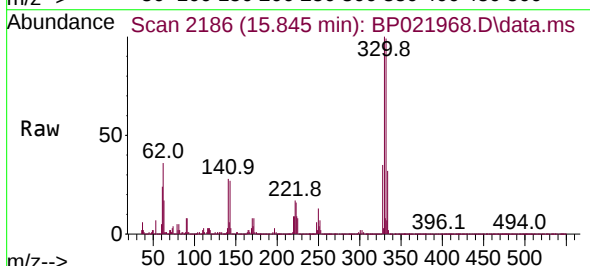
RT: 15.845 min Scan# 2186

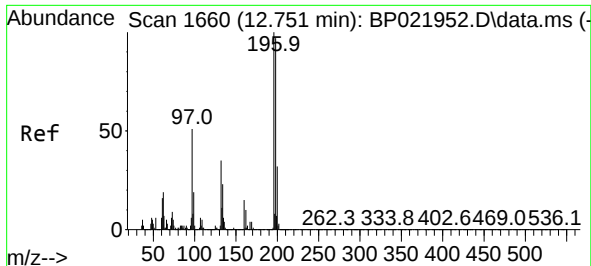
Delta R.T. -0.012 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

Tgt Ion:	330	Resp:	417633
Ion Ratio	Lower	Upper	
330	100		
332	97.5	77.5	116.3
141	28.9	23.4	35.0





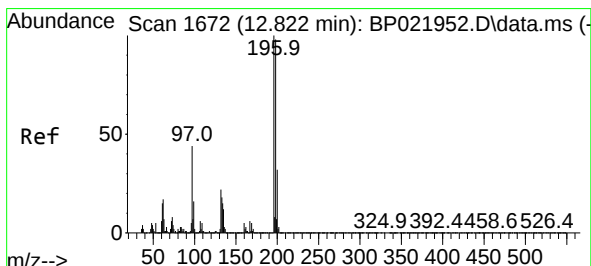
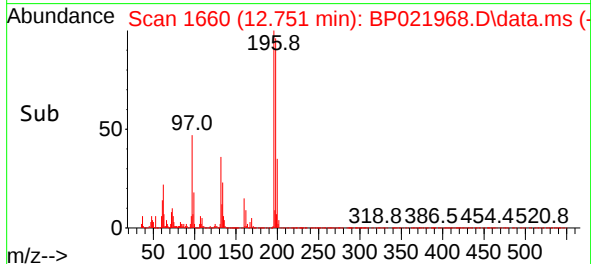
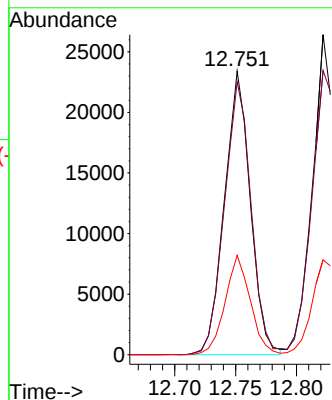
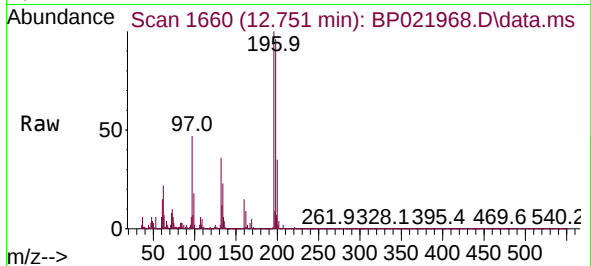
#43
2,4,6-Trichlorophenol
Concen: 7.717 ng
RT: 12.751 min Scan# 1660
Delta R.T. -0.000 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

Instrument : BNA_P
ClientSampleId : LOQ-WATER-02-QT2-2024

Tgt Ion:196 Resp: 34578
Ion Ratio Lower Upper
196 100
198 96.3 77.6 116.4
200 35.1 25.8 38.6

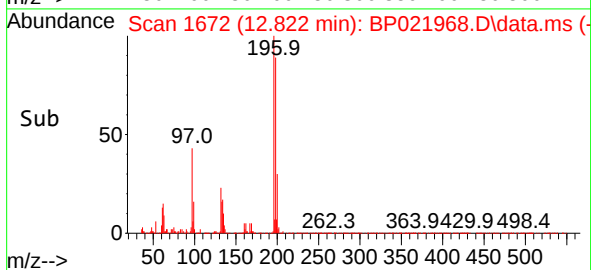
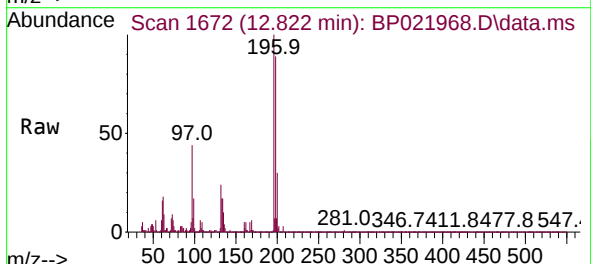
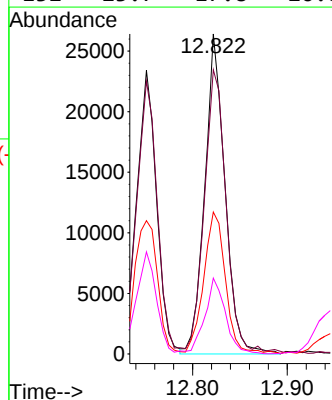
Manual Integrations
APPROVED

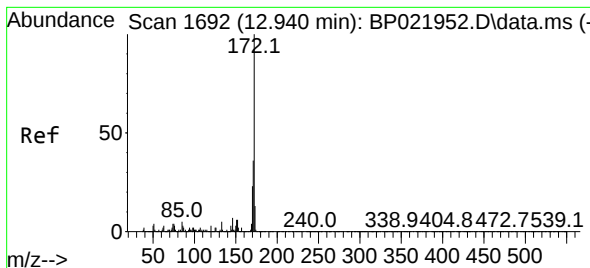
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#44
2,4,5-Trichlorophenol
Concen: 7.810 ng
RT: 12.822 min Scan# 1672
Delta R.T. -0.000 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

Tgt Ion:196 Resp: 39259
Ion Ratio Lower Upper
196 100
198 88.8 78.2 117.4
97 44.3 35.0 52.4
132 23.7 17.8 26.8





#45

2-Fluorobiphenyl

Concen: 73.007 ng

RT: 12.940 min Scan# 1692

Delta R.T. -0.000 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion:172 Resp: 1043609

Ion Ratio Lower Upper

172 100

171 35.2 28.6 43.0

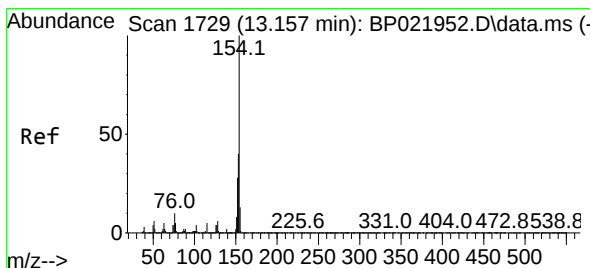
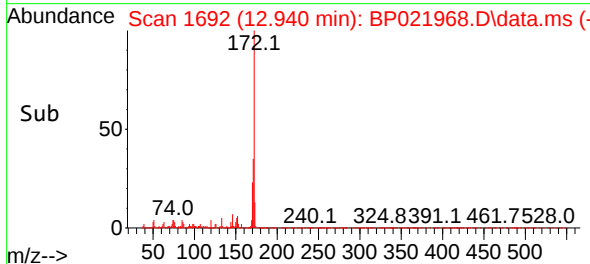
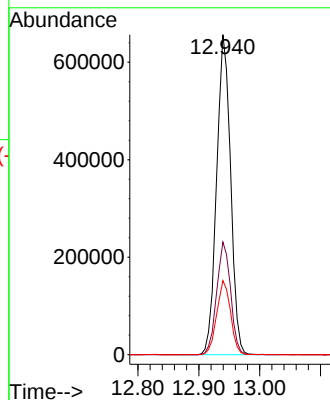
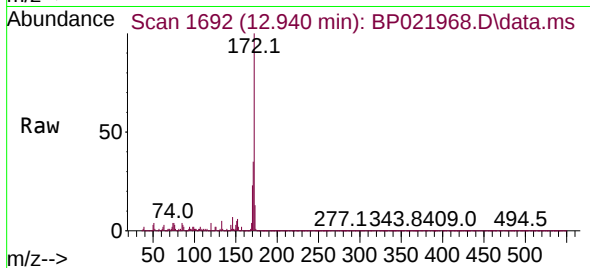
170 23.1 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024

Supervised By :mohammad ahmed 09/24/2024



#46

1,1'-Biphenyl

Concen: 9.041 ng

RT: 13.157 min Scan# 1729

Delta R.T. -0.000 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

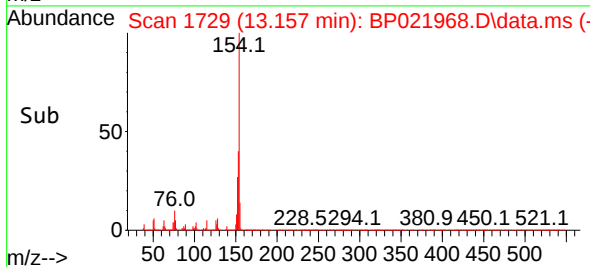
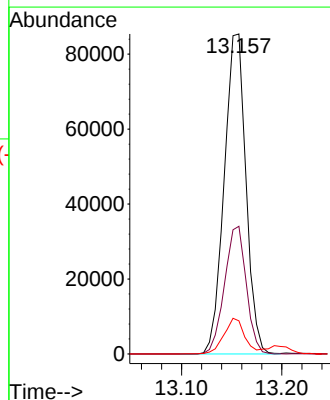
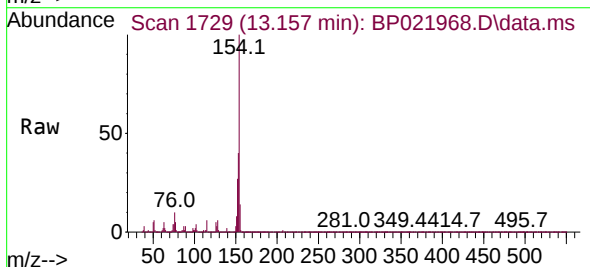
Tgt Ion:154 Resp: 128631

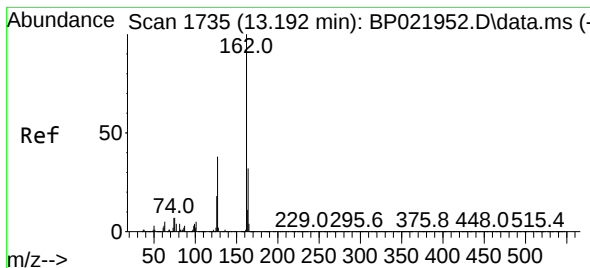
Ion Ratio Lower Upper

154 100

153 39.9 20.2 60.2

76 10.3 0.0 29.9





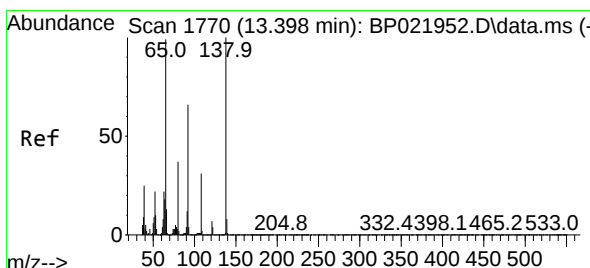
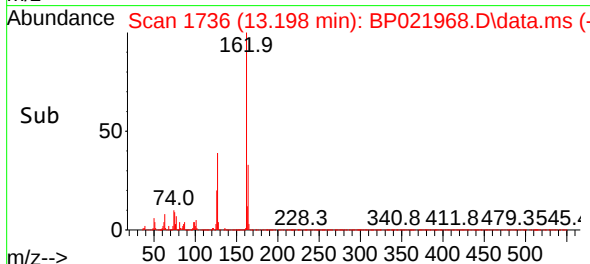
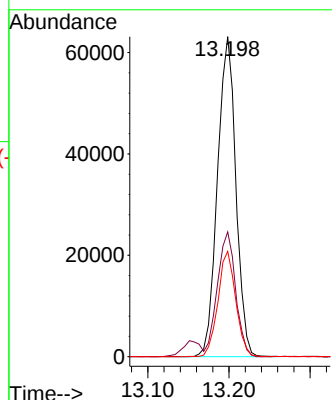
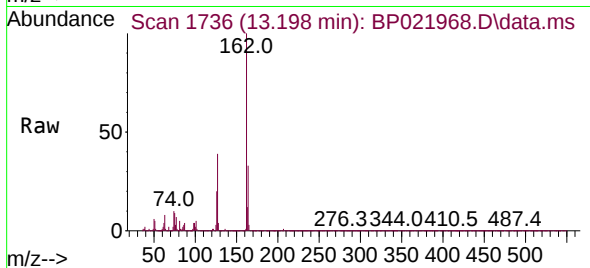
#47
2-Chloronaphthalene
Concen: 8.647 ng
RT: 13.198 min Scan# 1735
Delta R.T. 0.006 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion:162 Resp: 9948
Ion Ratio Lower Upper
162 100
127 39.0 31.7 47.5
164 32.9 25.9 38.9

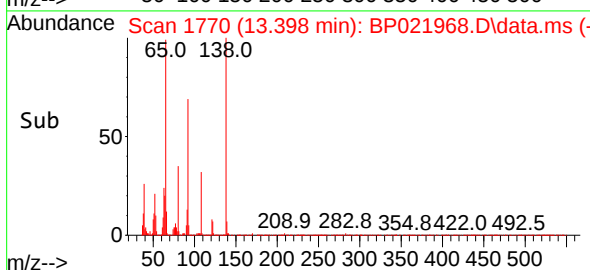
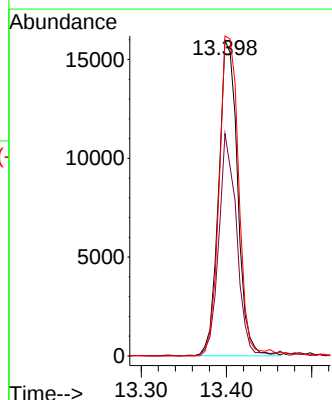
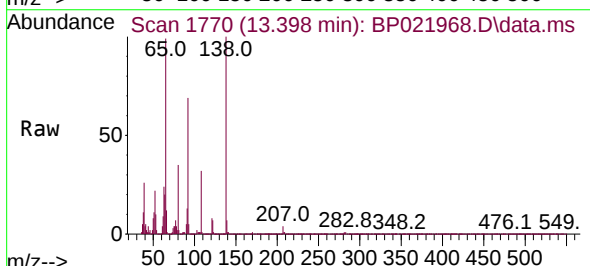
Manual Integrations
APPROVED

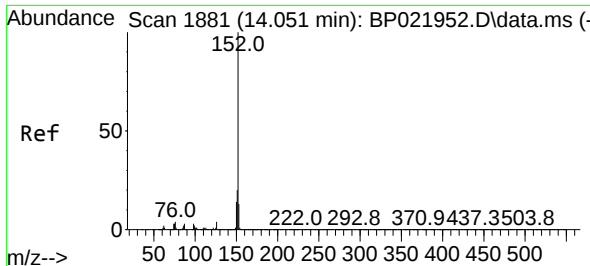
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#48
2-Nitroaniline
Concen: 7.837 ng
RT: 13.398 min Scan# 1770
Delta R.T. -0.000 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

Tgt Ion: 65 Resp: 24620
Ion Ratio Lower Upper
65 100
92 70.4 53.2 79.8
138 101.4 81.1 121.7





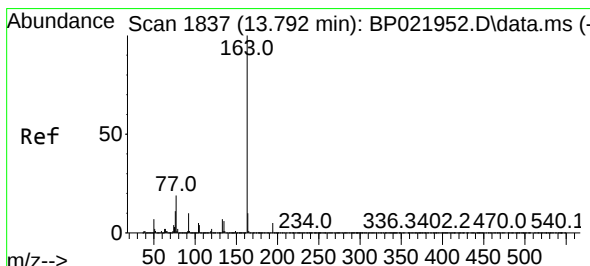
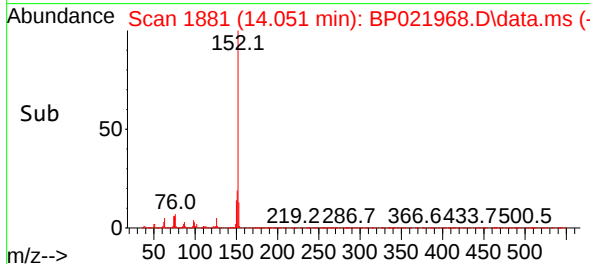
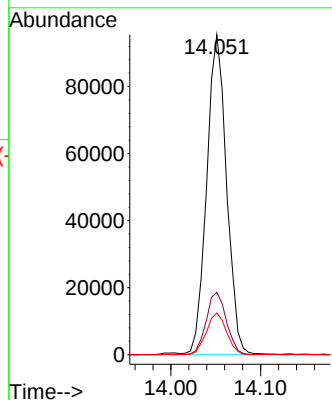
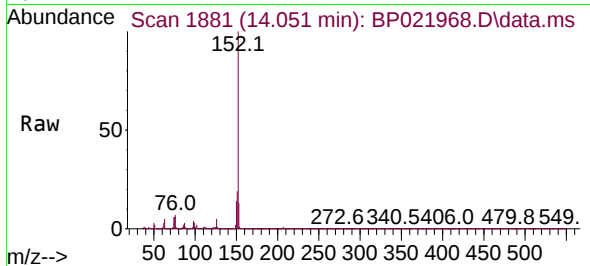
#49
Acenaphthylene
Concen: 9.017 ng
RT: 14.051 min Scan# 1881
Delta R.T. -0.000 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion:152 Resp: 14637
Ion Ratio Lower Upper
152 100
151 19.5 16.0 24.0
153 13.0 10.8 16.2

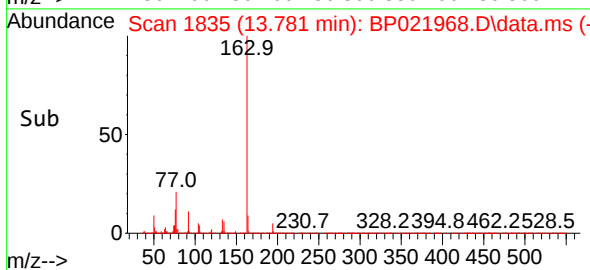
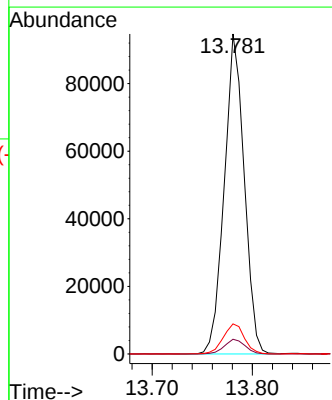
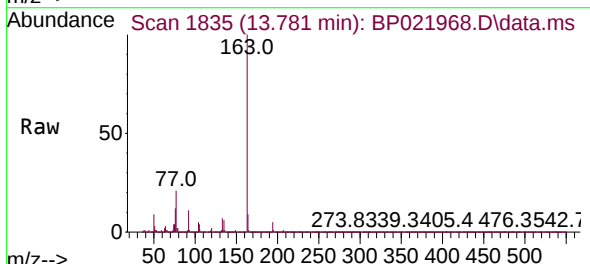
Manual Integrations
APPROVED

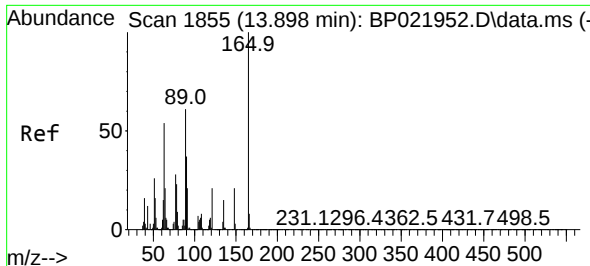
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#50
Dimethylphthalate
Concen: 8.619 ng
RT: 13.781 min Scan# 1835
Delta R.T. -0.012 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

Tgt Ion:163 Resp: 130445
Ion Ratio Lower Upper
163 100
194 4.6 3.6 5.4
164 9.4 8.0 12.0





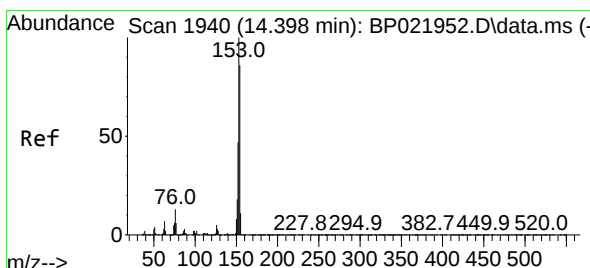
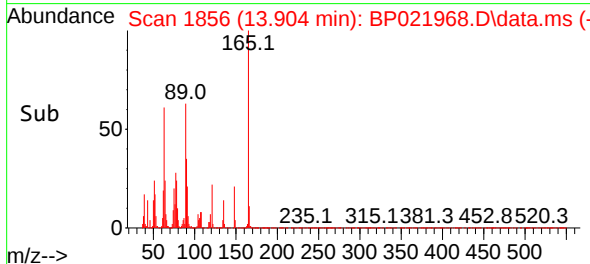
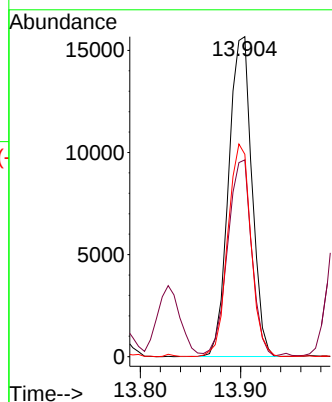
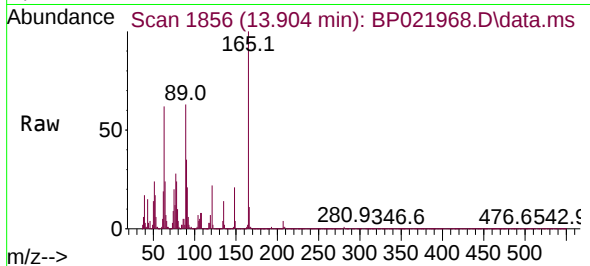
#51
2,6-Dinitrotoluene
Concen: 7.502 ng
RT: 13.904 min Scan# 1856
Delta R.T. 0.006 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion:165 Resp: 2530
Ion Ratio Lower Upper
165 100
63 61.5 46.4 69.6
89 63.3 48.5 72.7

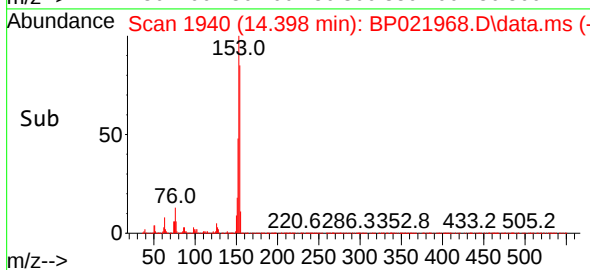
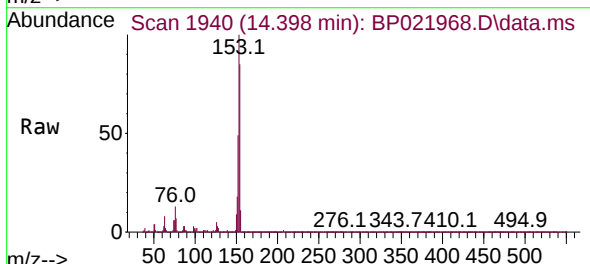
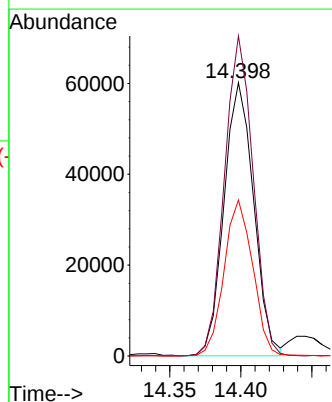
Manual Integrations
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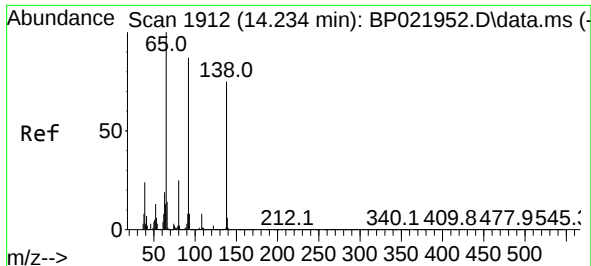
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#52
Acenaphthene
Concen: 8.250 ng
RT: 14.398 min Scan# 1940
Delta R.T. -0.000 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

Tgt Ion:154 Resp: 87166
Ion Ratio Lower Upper
154 100
153 117.1 92.7 139.1
152 57.1 43.6 65.4





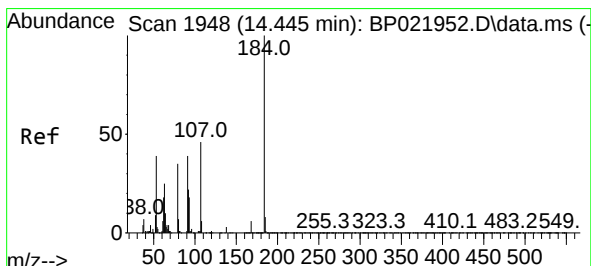
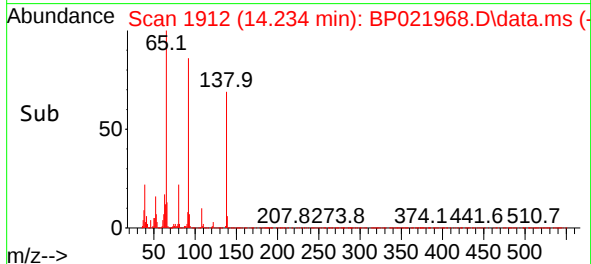
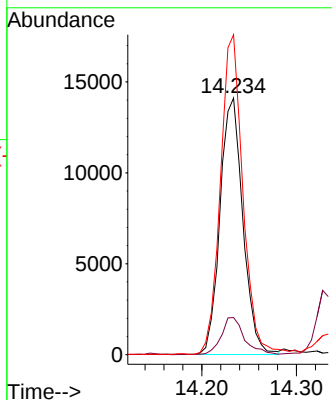
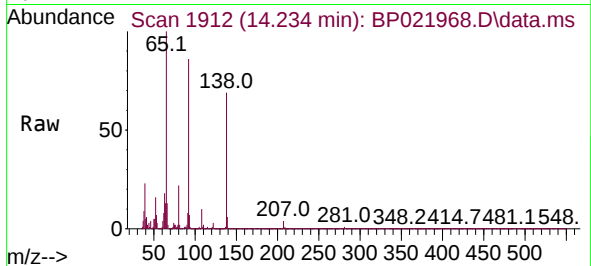
#53
3-Nitroaniline
Concen: 7.866 ng
RT: 14.234 min Scan# 1912
Delta R.T. -0.000 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

Instrument : BNA_P
ClientSampleId : LOQ-WATER-02-QT2-2024

Tgt Ion:138 Resp: 2364
Ion Ratio Lower Upper
138 100
108 14.5 9.0 13.4
92 124.7 92.8 139.2

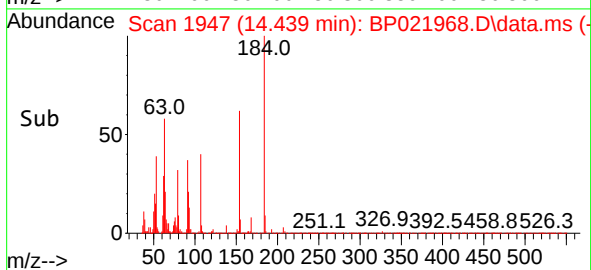
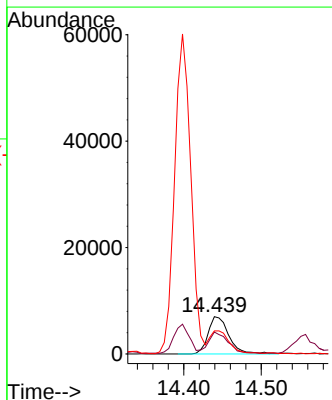
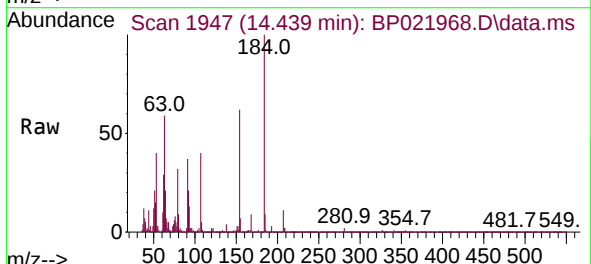
Manual Integrations
APPROVED

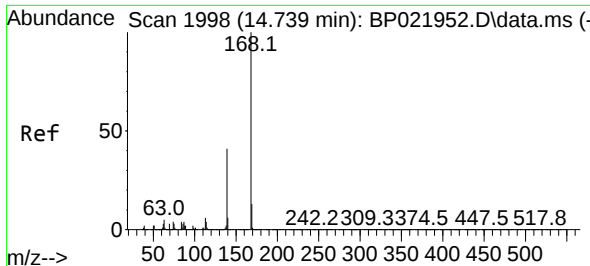
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#54
2,4-Dinitrophenol
Concen: 6.622 ng
RT: 14.439 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

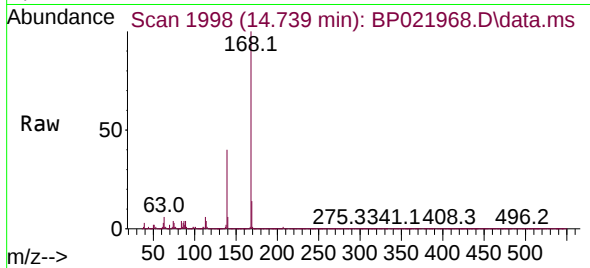
Tgt Ion:184 Resp: 13085
Ion Ratio Lower Upper
184 100
63 58.9 49.0 73.6
154 62.1 58.1 87.1





#55
Dibenzenofuran
Concen: 8.848 ng
RT: 14.739 min Scan# 1998
Delta R.T. -0.000 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

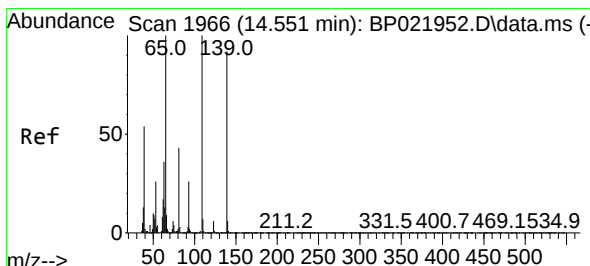
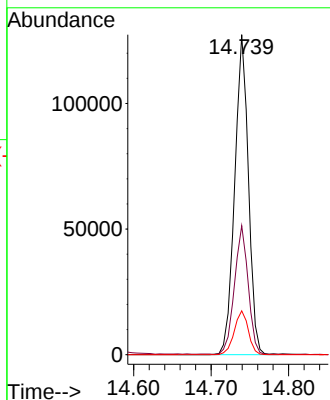
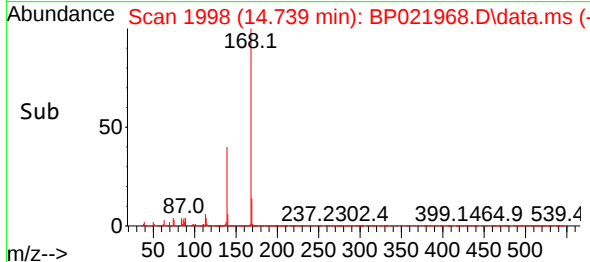
Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2024



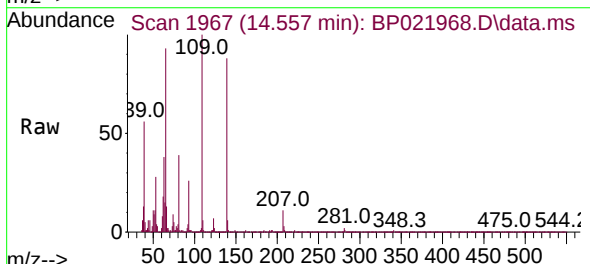
Tgt Ion:168 Resp: 157130
Ion Ratio Lower Upper
168 100
139 40.3 33.0 49.4
169 13.7 10.7 16.1

Manual Integrations
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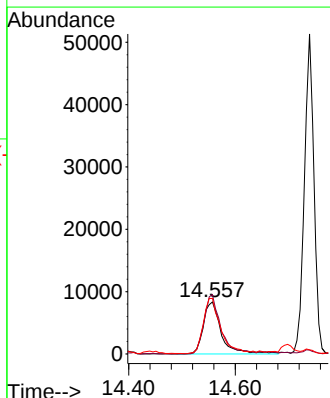
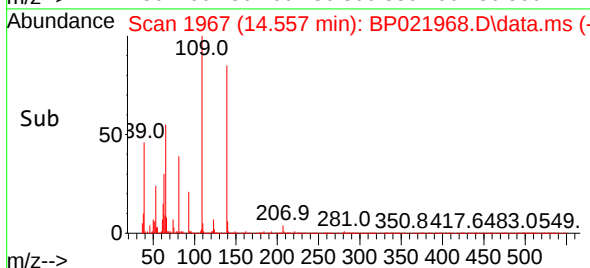
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024

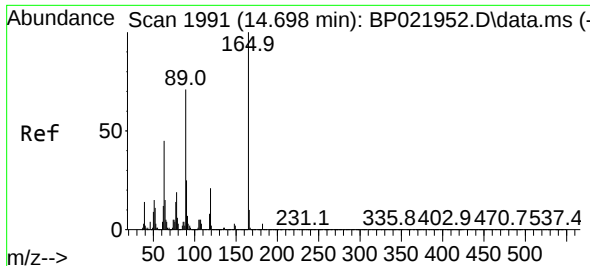


#56
4-Nitrophenol
Concen: 7.450 ng
RT: 14.557 min Scan# 1967
Delta R.T. 0.006 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28



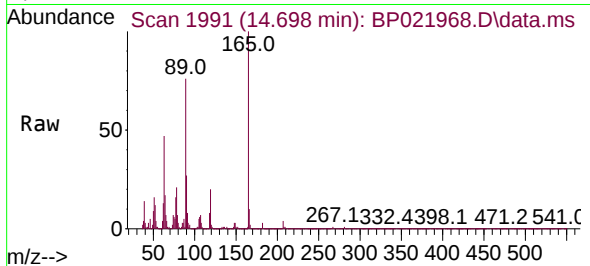
Tgt Ion:139 Resp: 19491
Ion Ratio Lower Upper
139 100
109 114.3 88.6 128.6
65 106.8 88.7 128.7





#57
2,4-Dinitrotoluene
Concen: 7.557 ng
RT: 14.698 min Scan# 1991
Delta R.T. -0.000 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

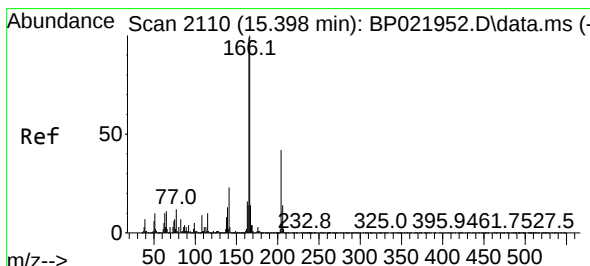
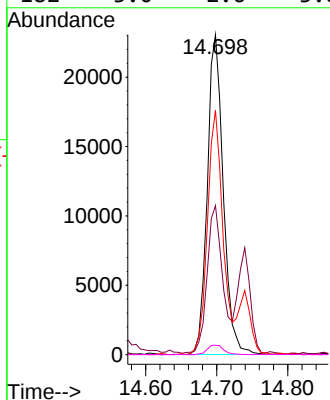
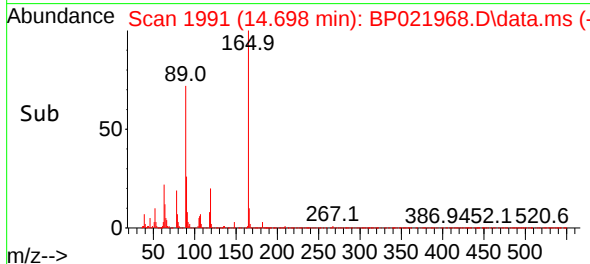
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:165 Resp: 36020
Ion Ratio Lower Upper
165 100
63 46.6 36.3 54.5
89 76.4 57.2 85.8
182 3.0 2.6 3.8

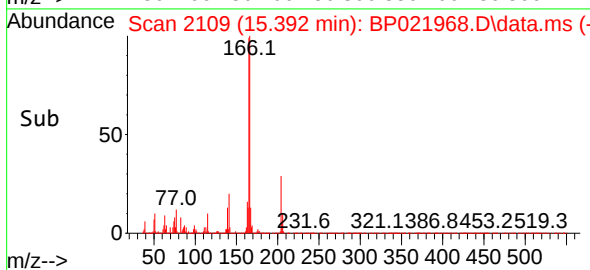
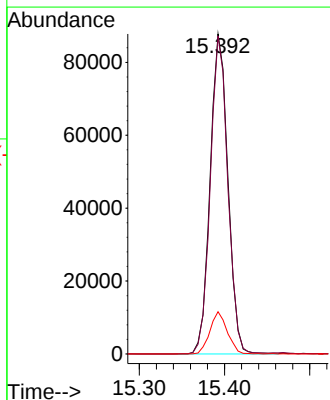
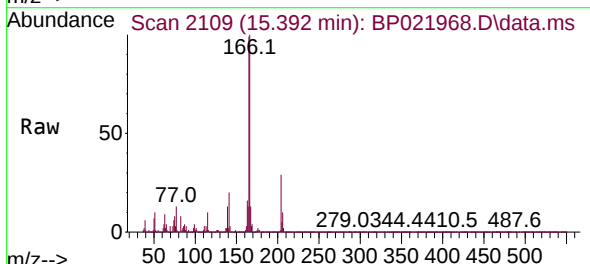
Manual Integrations
APPROVED

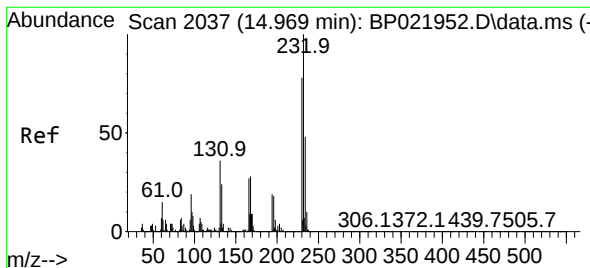
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#58
Fluorene
Concen: 8.572 ng
RT: 15.392 min Scan# 2109
Delta R.T. -0.006 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

Tgt Ion:166 Resp: 127117
Ion Ratio Lower Upper
166 100
165 99.4 79.4 119.2
167 13.2 10.9 16.3





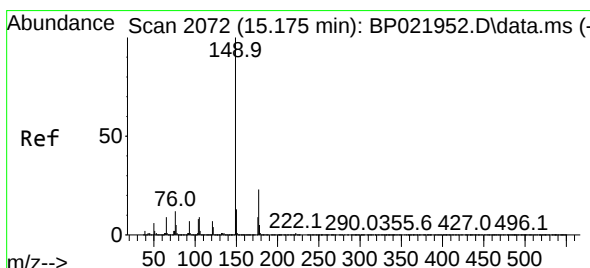
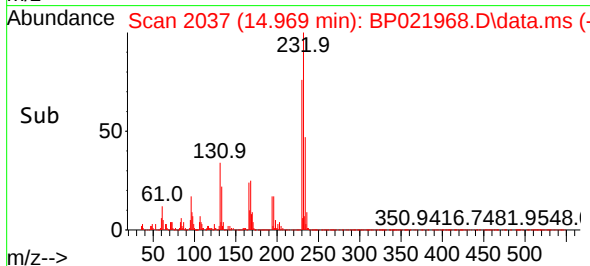
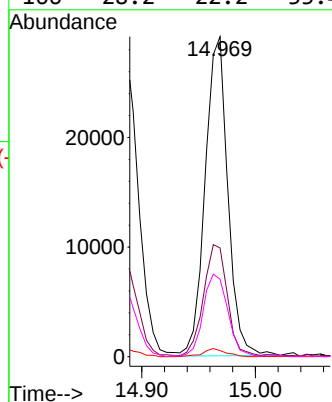
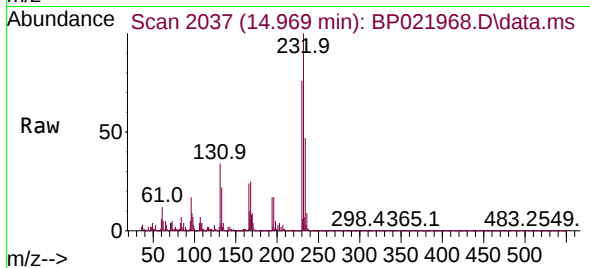
#59
2,3,4,6-Tetrachlorophenol
Concen: 8.324 ng
RT: 14.969 min Scan# 2037
Delta R.T. -0.000 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

Instrument : BNA_P
ClientSampleId : LOQ-WATER-02-QT2-2024

Tgt Ion:	232	Resp:	4038
Ion Ratio	Lower	Upper	
232	100		
131	37.2	30.2	45.4
130	2.5	1.9	2.9
166	28.2	22.2	33.4

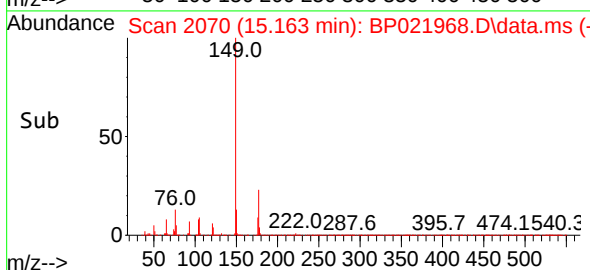
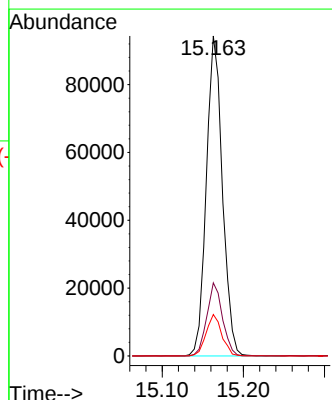
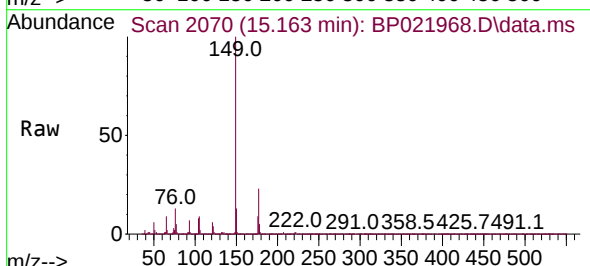
Manual Integrations
APPROVED

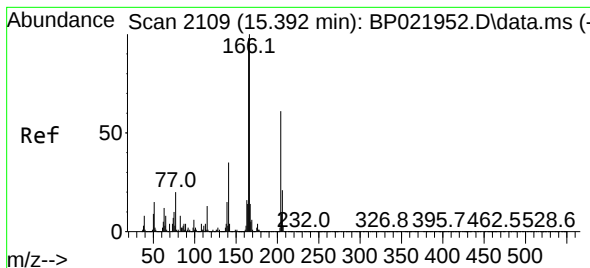
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#60
Diethylphthalate
Concen: 8.403 ng
RT: 15.163 min Scan# 2070
Delta R.T. -0.012 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

Tgt Ion:	149	Resp:	129235
Ion Ratio	Lower	Upper	
149	100		
177	22.8	18.2	27.4
150	12.9	10.1	15.1





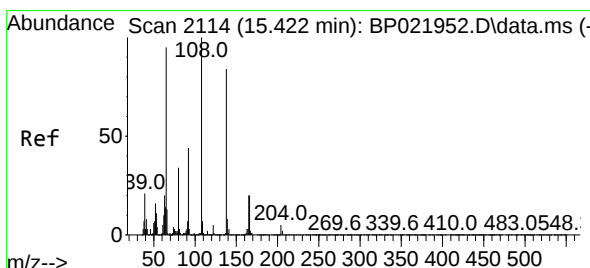
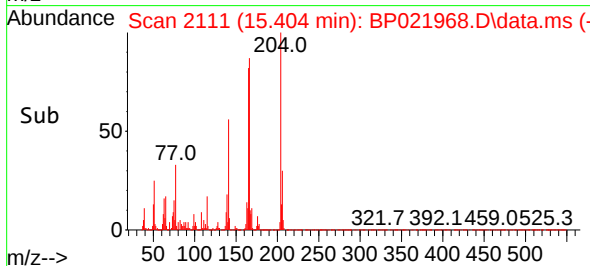
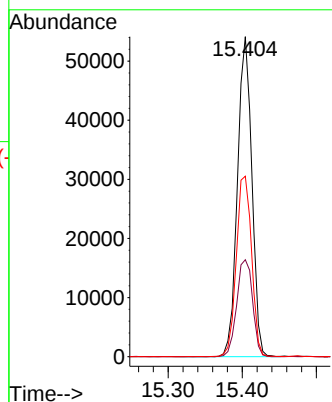
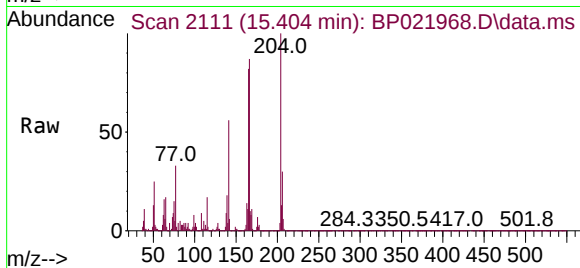
#61
4-Chlorophenyl-phenylether
Concen: 8.446 ng
RT: 15.404 min Scan# 2111
Delta R.T. 0.012 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion:204 Resp: 72918
Ion Ratio Lower Upper
204 100
206 30.3 27.3 40.9
141 56.4 45.7 68.5

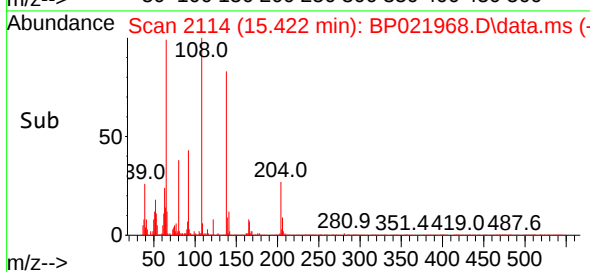
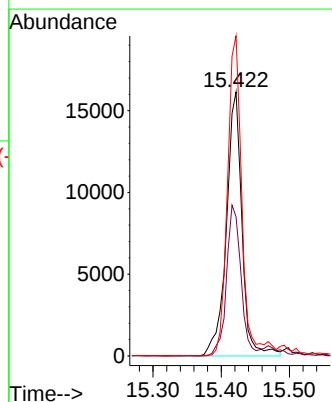
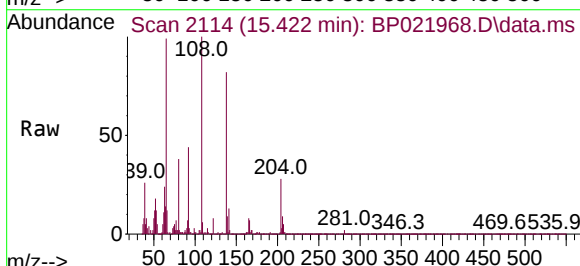
Manual Integrations
APPROVED

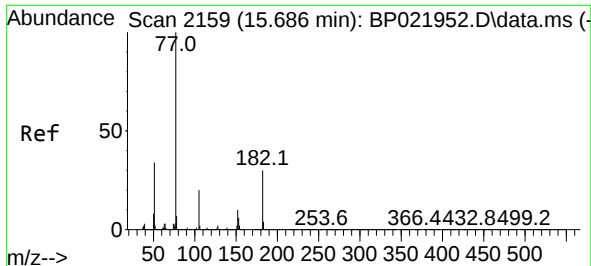
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#62
4-Nitroaniline
Concen: 7.771 ng
RT: 15.422 min Scan# 2114
Delta R.T. -0.000 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

Tgt Ion:138 Resp: 25683
Ion Ratio Lower Upper
138 100
92 52.7 32.6 72.6
108 121.2 98.6 138.6





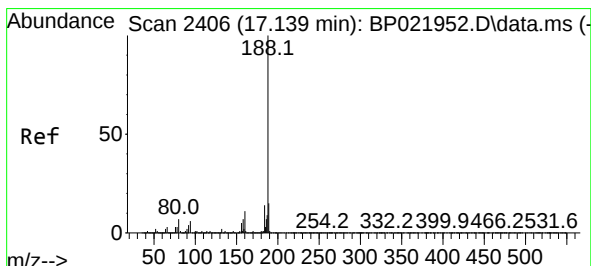
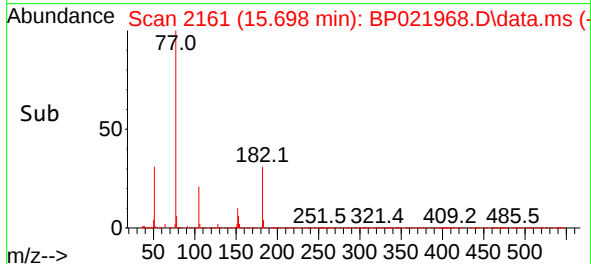
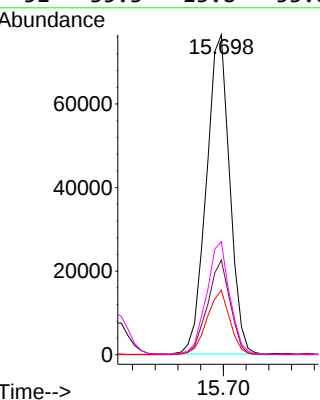
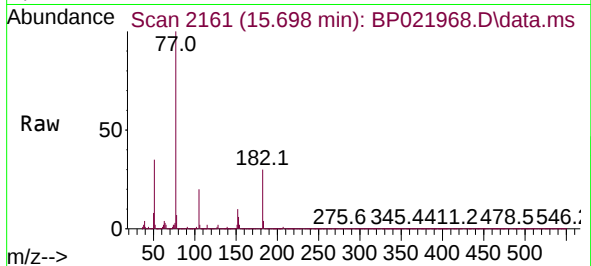
#63
Azobenzene
Concen: 8.579 ng
RT: 15.698 min Scan# 2159
Delta R.T. 0.012 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion: 77	Resp: 10918
Ion Ratio	Lower Upper
77 100	
182 29.5	9.6 49.6
105 20.2	0.0 39.8
51 35.3	13.8 53.8

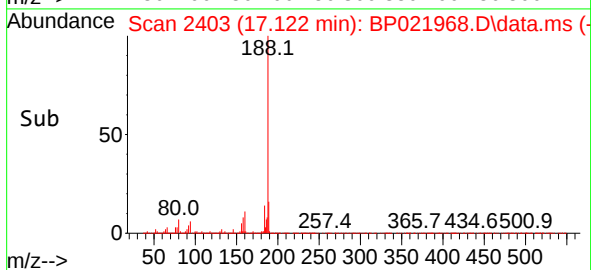
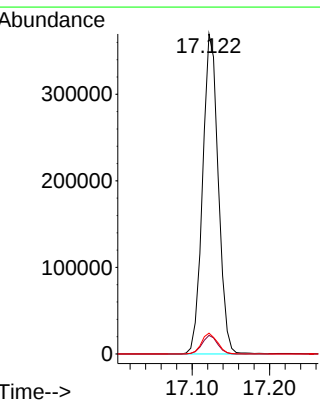
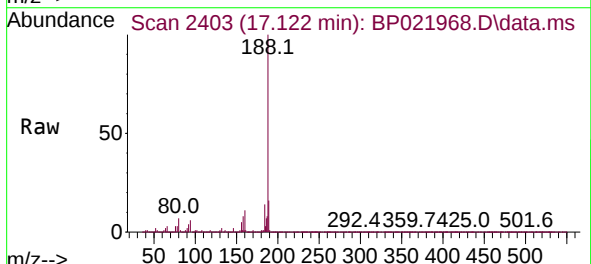
Manual Integrations
APPROVED

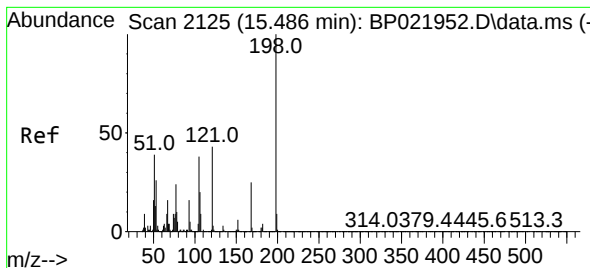
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.122 min Scan# 2403
Delta R.T. -0.018 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

Tgt Ion:188	Resp: 517879
Ion Ratio	Lower Upper
188 100	
94 5.8	4.6 6.8
80 6.5	5.4 8.2





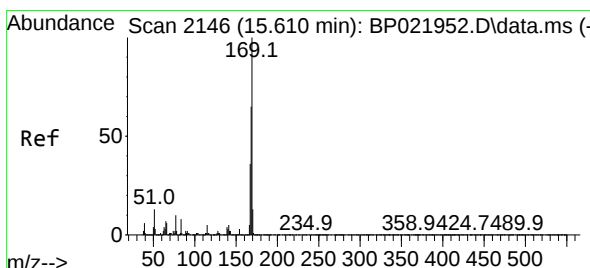
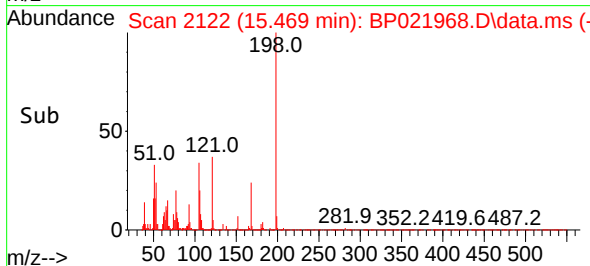
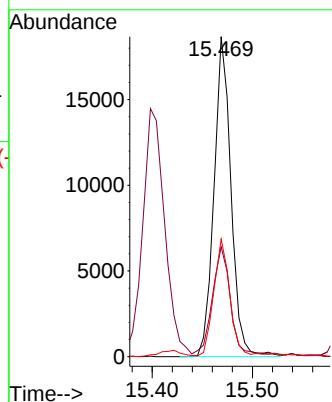
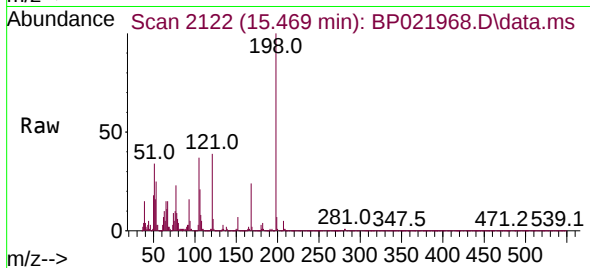
#65
4,6-Dinitro-2-methylphenol
Concen: 7.310 ng
RT: 15.469 min Scan# 2122
Delta R.T. -0.018 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

Instrument : BNA_P
ClientSampleId : LOQ-WATER-02-QT2-2024

Tgt Ion:198 Resp: 2194
Ion Ratio Lower Upper
198 100
51 34.3 20.7 60.7
105 36.7 18.4 58.4

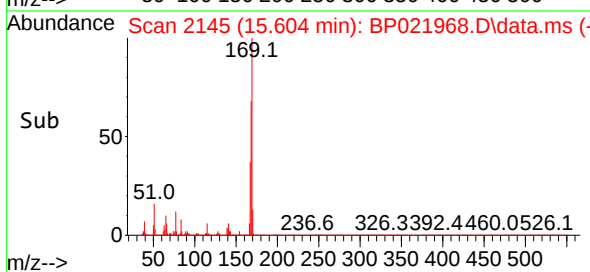
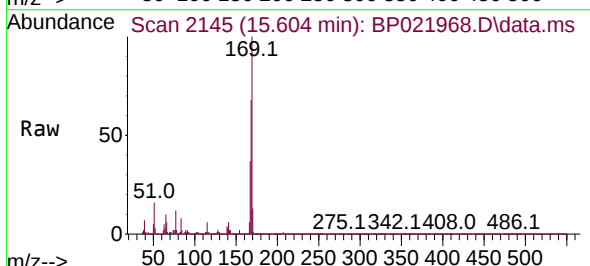
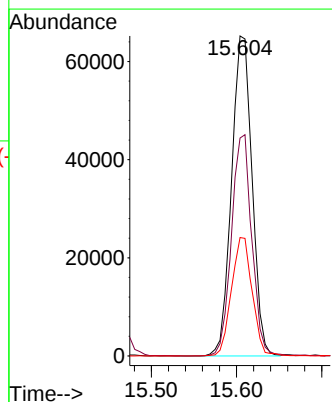
Manual Integrations
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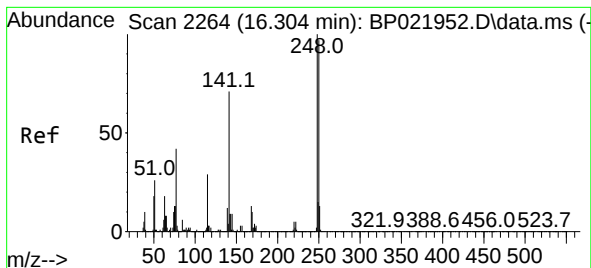
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#66
n-Nitrosodiphenylamine
Concen: 8.443 ng
RT: 15.604 min Scan# 2145
Delta R.T. -0.006 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

Tgt Ion:169 Resp: 108875
Ion Ratio Lower Upper
169 100
168 68.1 52.2 78.4
167 37.0 28.6 42.8





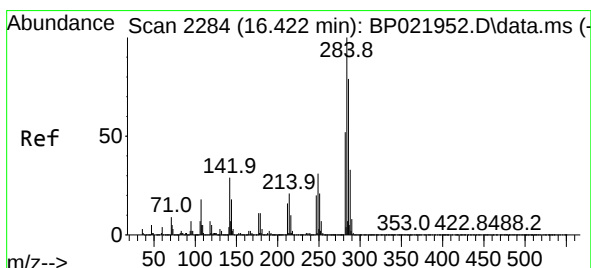
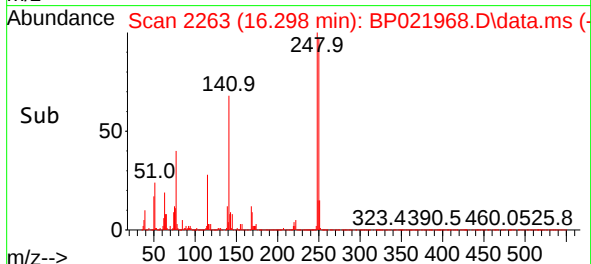
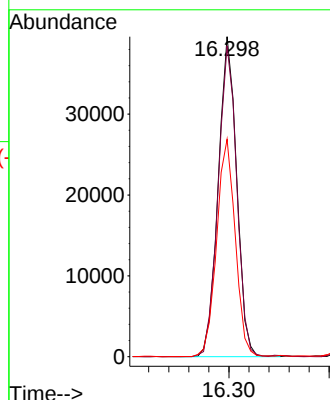
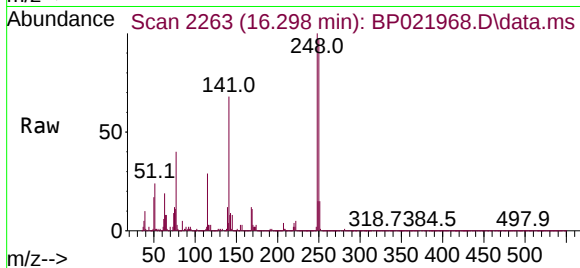
#67
4-Bromophenyl-phenylether
Concen: 8.345 ng
RT: 16.298 min Scan# 2263
Delta R.T. -0.006 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion:248 Resp: 50379
Ion Ratio Lower Upper
248 100
250 97.1 77.5 116.3
141 67.9 56.5 84.7

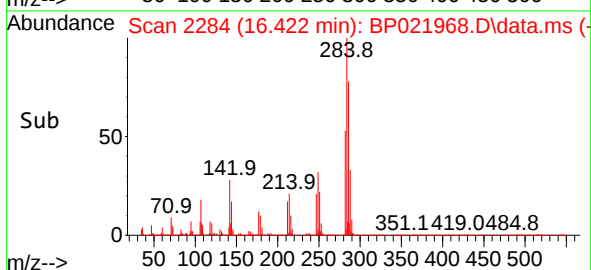
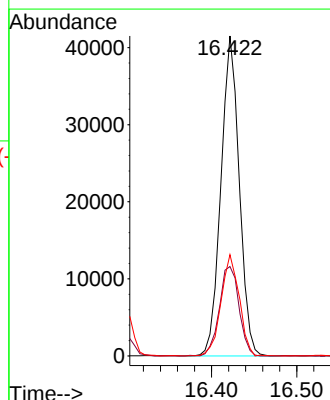
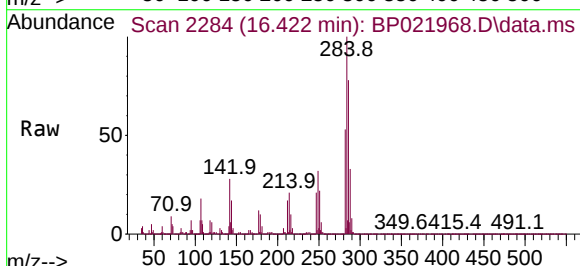
Manual Integrations
APPROVED

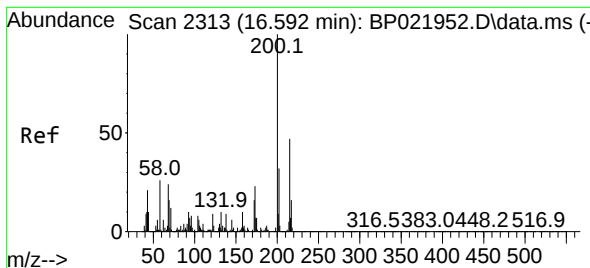
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#68
Hexachlorobenzene
Concen: 8.242 ng
RT: 16.422 min Scan# 2284
Delta R.T. -0.000 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

Tgt Ion:284 Resp: 62033
Ion Ratio Lower Upper
284 100
142 27.9 22.9 34.3
249 31.6 25.2 37.8





#69

Atrazine

Concen: 9.883 ng

RT: 16.580 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

Instrument :

BNA_P

ClientSampleId :

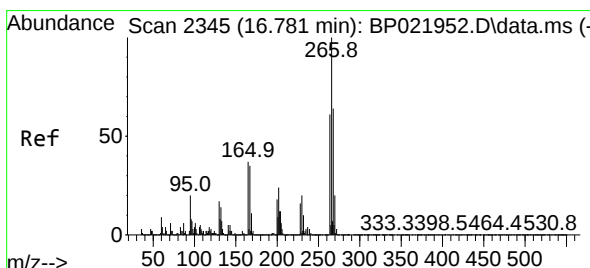
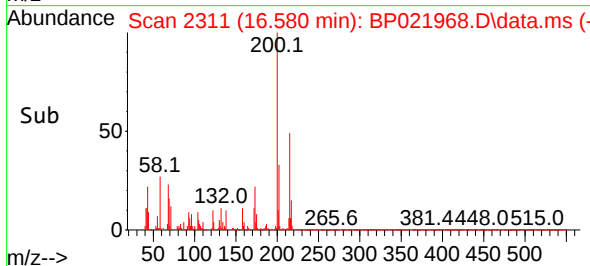
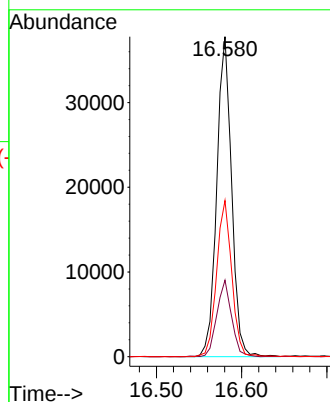
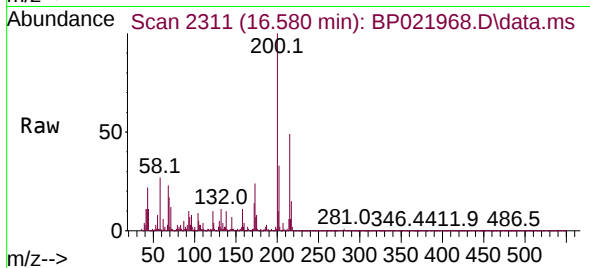
LOQ-WATER-02-QT2-2024

Tgt Ion:200 Resp: 45660
 Ion Ratio Lower Upper
 200 100
 173 23.9 3.0 43.0
 215 48.8 27.4 67.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
 Supervised By :mohammad ahmed 09/24/2024



#70

Pentachlorophenol

Concen: 6.834 ng

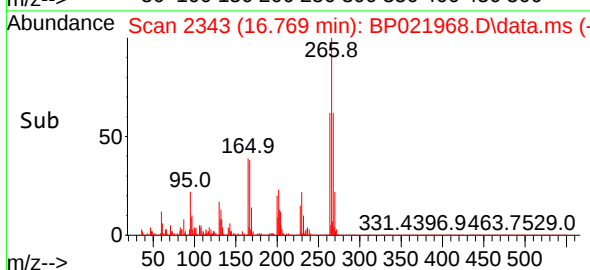
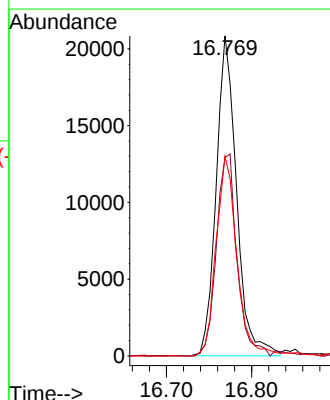
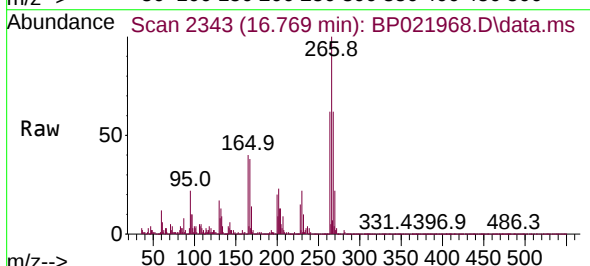
RT: 16.769 min Scan# 2343

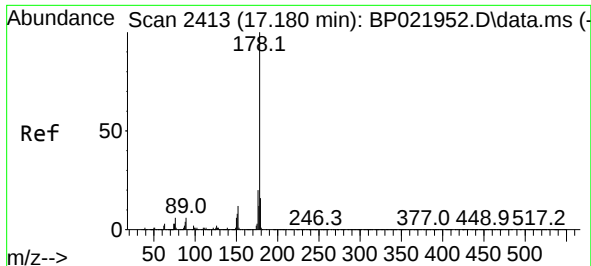
Delta R.T. -0.012 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

Tgt Ion:266 Resp: 34605
 Ion Ratio Lower Upper
 266 100
 268 62.0 51.1 76.7
 264 62.4 48.6 72.8





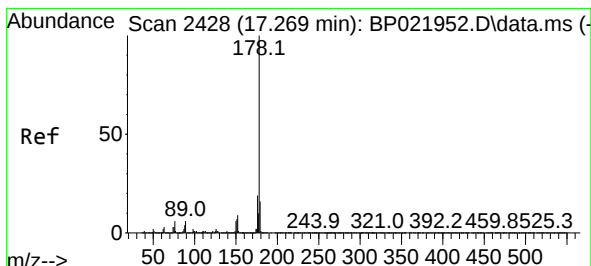
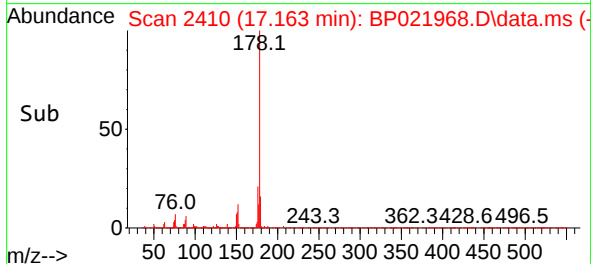
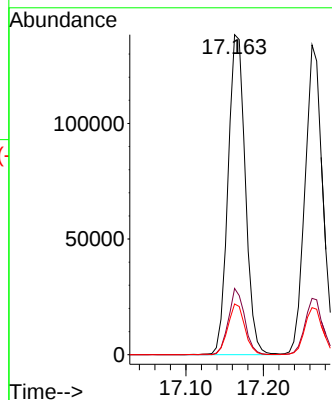
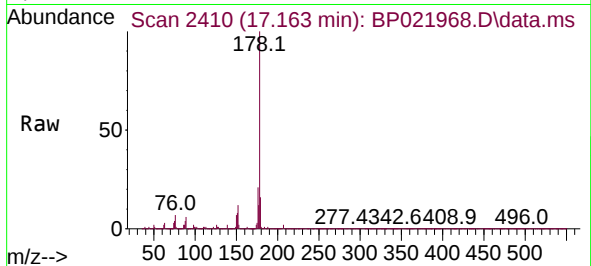
#71
Phenanthrene
Concen: 8.631 ng
RT: 17.163 min Scan# 2410
Delta R.T. -0.018 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion:178 Resp: 214558
Ion Ratio Lower Upper
178 100
176 20.7 15.9 23.9
179 15.9 12.5 18.7

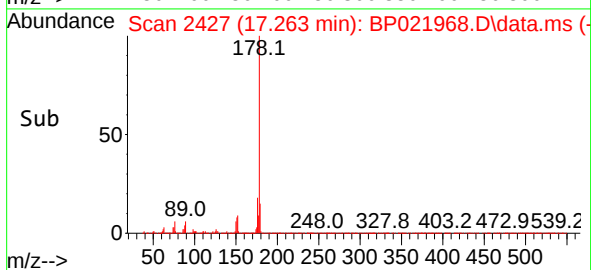
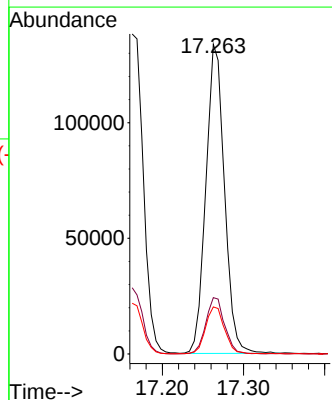
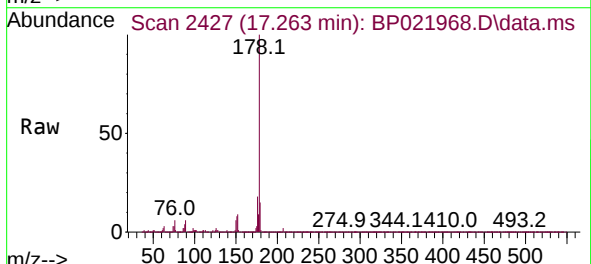
Manual Integrations
APPROVED

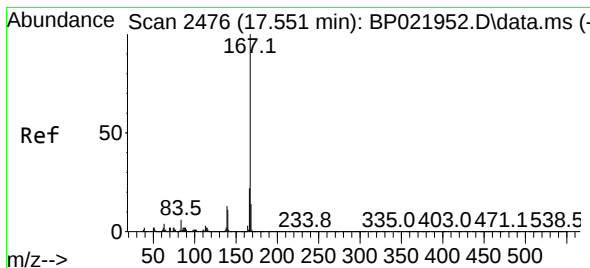
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#72
Anthracene
Concen: 8.821 ng
RT: 17.263 min Scan# 2427
Delta R.T. -0.006 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

Tgt Ion:178 Resp: 212279
Ion Ratio Lower Upper
178 100
176 18.2 15.0 22.6
179 15.2 12.6 18.8





#73

Carbazole

Concen: 8.401 ng

RT: 17.551 min Scan# 2476

Delta R.T. -0.000 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

Instrument :

BNA_P

ClientSampleId :

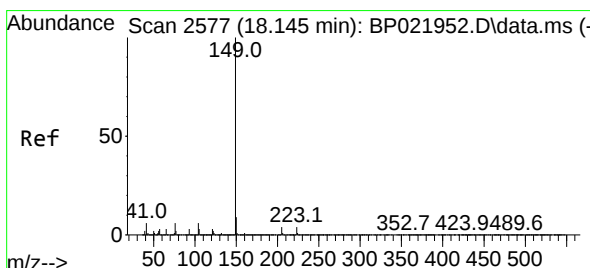
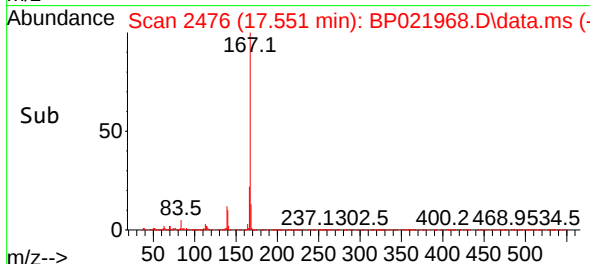
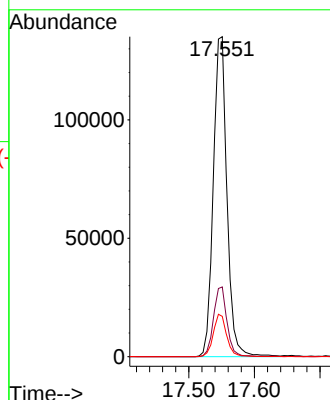
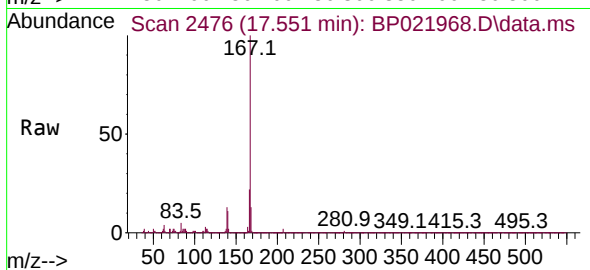
LOQ-WATER-02-QT2-2024

Tgt Ion:	167	Resp:	195250
Ion Ratio	Lower	Upper	
167	100		
166	21.8	17.4	26.0
139	12.6	10.5	15.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#74

Di-n-butylphthalate

Concen: 7.548 ng

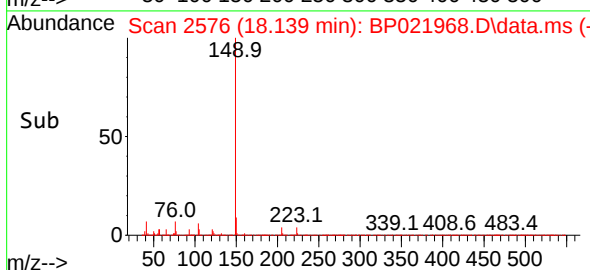
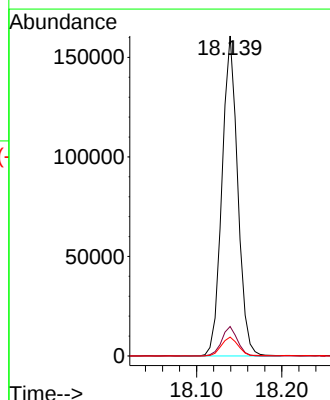
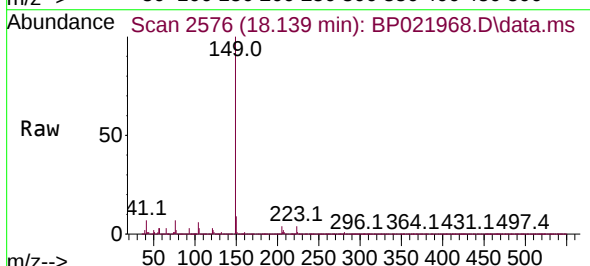
RT: 18.139 min Scan# 2576

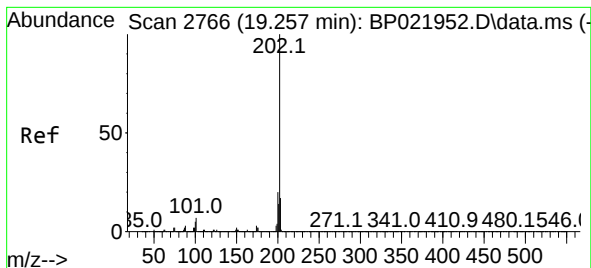
Delta R.T. -0.006 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

Tgt Ion:	149	Resp:	206060
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.3	10.9
104	5.9	4.6	6.8





#75

Fluoranthene

Concen: 8.299 ng

RT: 19.257 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

Instrument :

BNA_P

ClientSampleId :

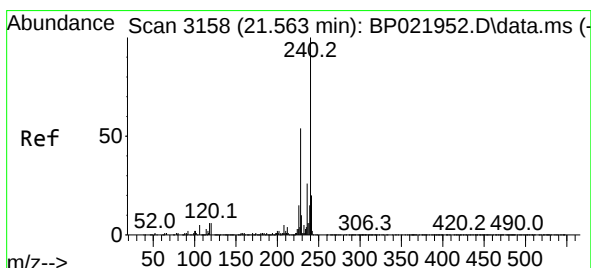
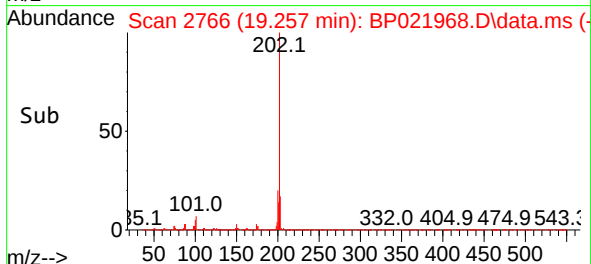
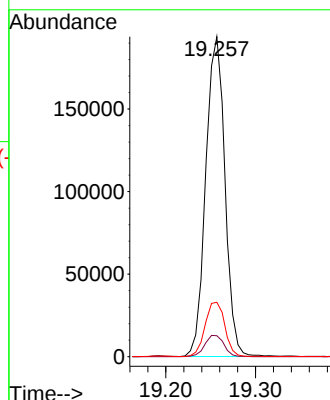
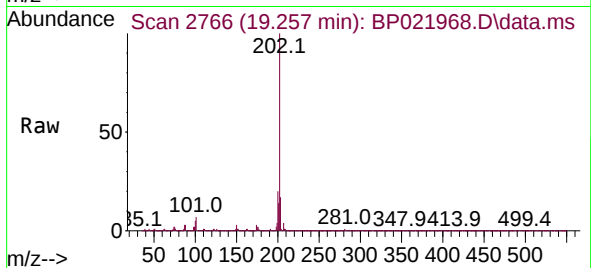
LOQ-WATER-02-QT2-2024

Tgt Ion:202	Resp: 287950
Ion Ratio	Lower Upper
202 100	
101 6.5	0.0 26.5
203 17.0	0.0 37.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#76

Chrysene-d12

Concen: 20.000 ng

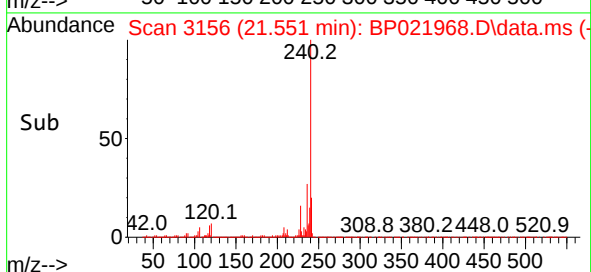
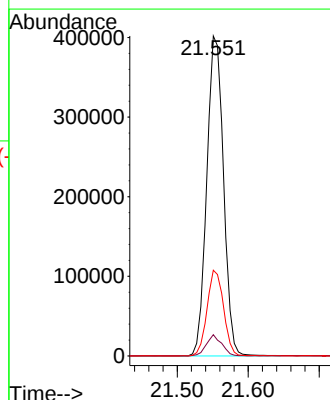
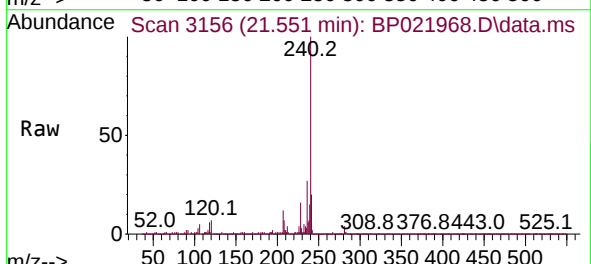
RT: 21.551 min Scan# 3156

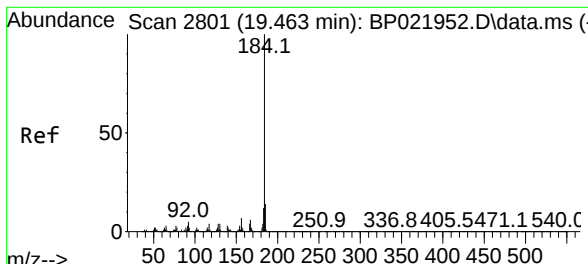
Delta R.T. -0.012 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

Tgt Ion:240	Resp: 658788
Ion Ratio	Lower Upper
240 100	
120 6.6	5.1 7.7
236 26.8	20.7 31.1



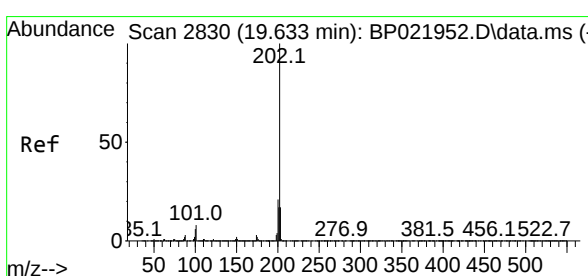
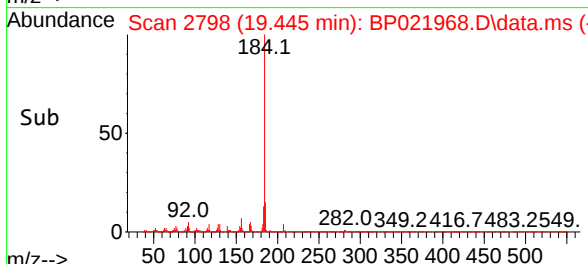
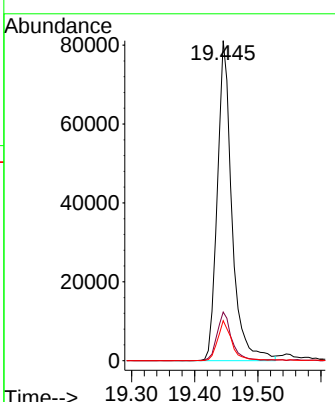
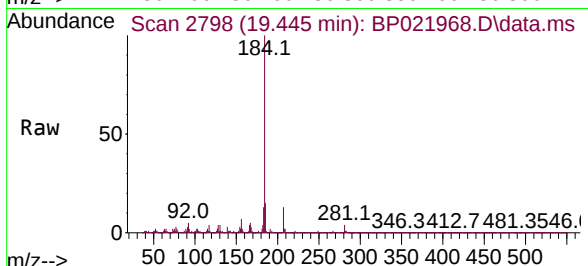


#77
Benzidine
Concen: 16.180 ng
RT: 19.445 min Scan# 2798
Delta R.T. -0.018 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2024

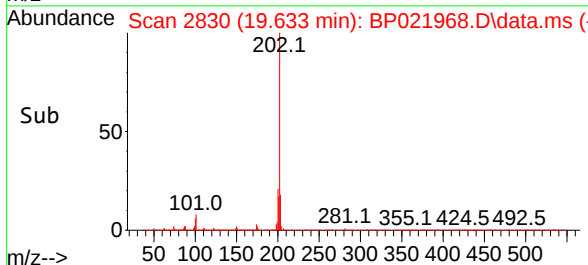
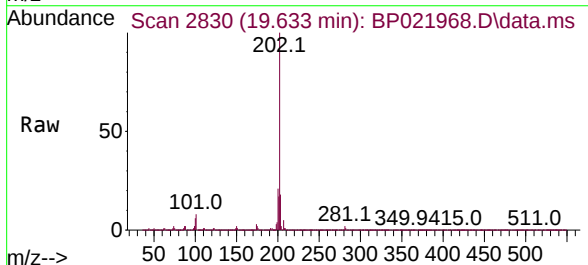
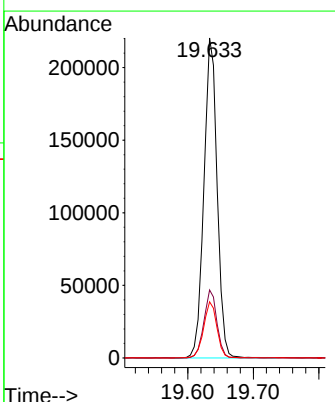
Tgt Ion:	184	Resp:	13026
Ion Ratio	Lower	Upper	
184	100		
185	15.2	10.9	16.3
183	12.5	9.2	13.8

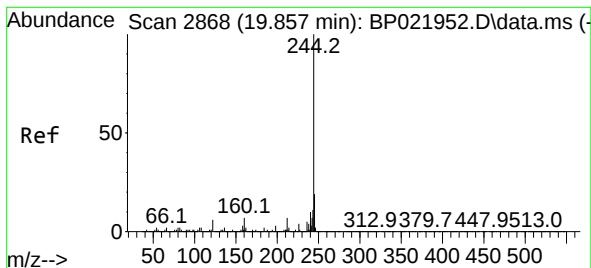
Manual Integrations
APPROVED
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#78
Pyrene
Concen: 7.763 ng
RT: 19.633 min Scan# 2830
Delta R.T. -0.000 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

Tgt Ion:	202	Resp:	309390
Ion Ratio	Lower	Upper	
202	100		
200	21.2	16.8	25.2
203	17.6	13.8	20.8





#79

Terphenyl-d14

Concen: 65.405 ng

RT: 19.851 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion:244 Resp: 229375

Ion Ratio Lower Upper

244 100

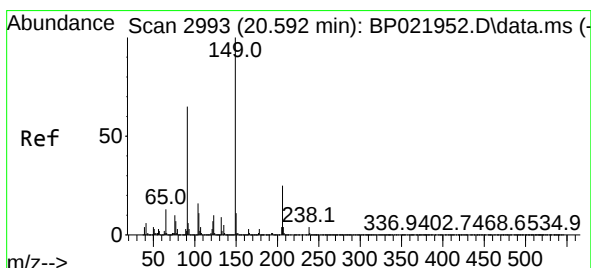
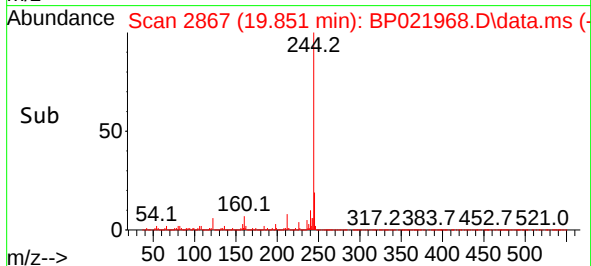
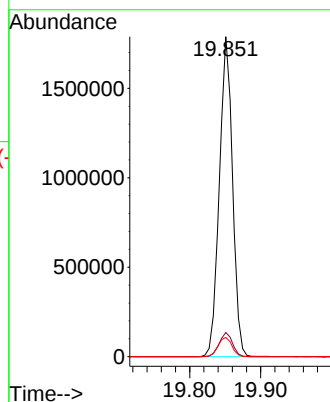
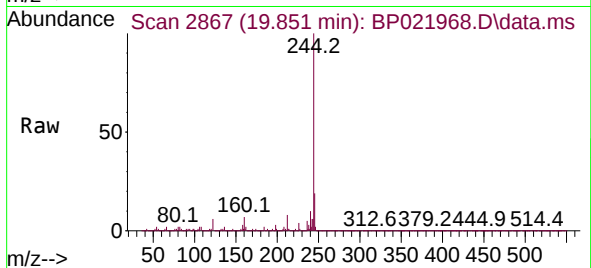
212 7.5 6.0 9.0

122 6.0 5.0 7.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#80

Butylbenzylphthalate

Concen: 7.100 ng

RT: 20.580 min Scan# 2991

Delta R.T. -0.012 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

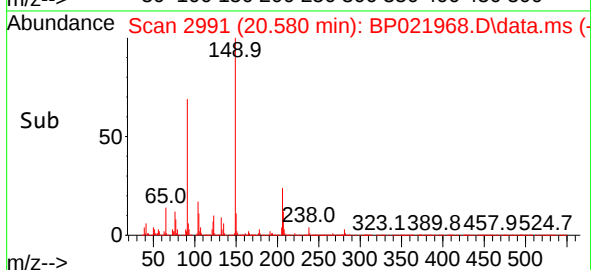
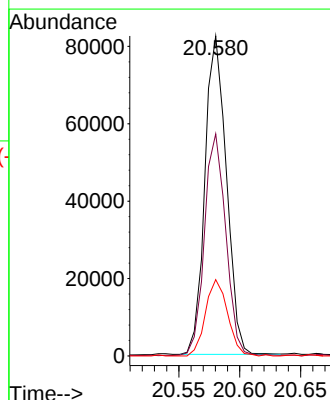
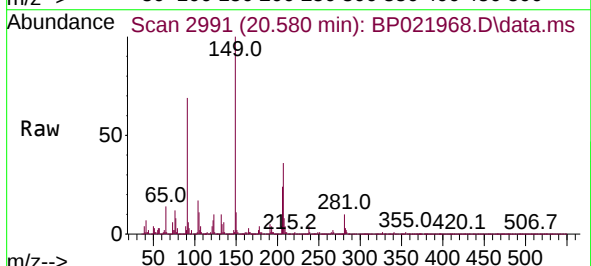
Tgt Ion:149 Resp: 100917

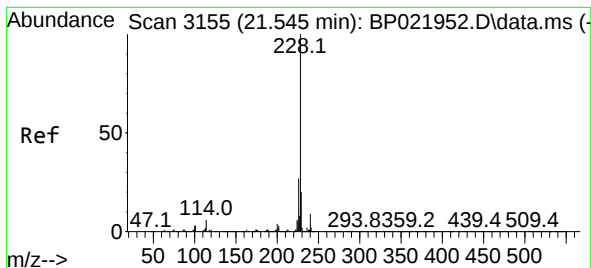
Ion Ratio Lower Upper

149 100

91 69.4 51.9 77.9

206 23.8 20.1 30.1





#81

Benzo(a)anthracene

Concen: 8.536 ng

RT: 21.533 min Scan# 3153

Delta R.T. -0.012 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

Instrument :

BNA_P

ClientSampleId :

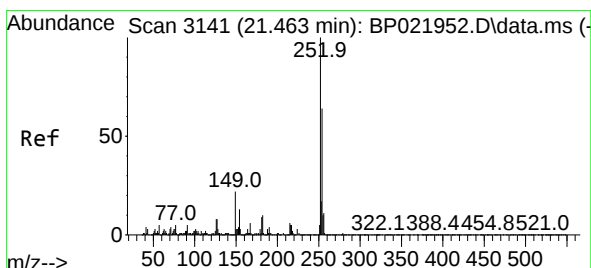
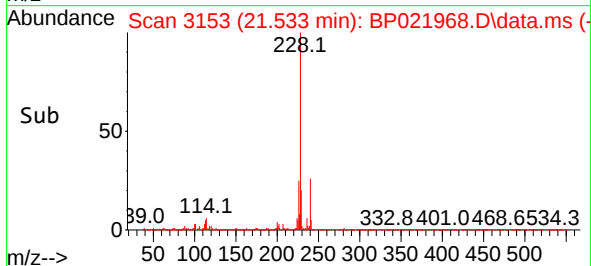
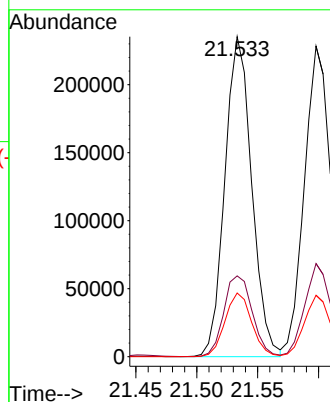
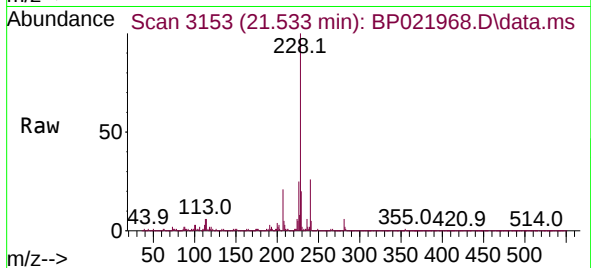
LOQ-WATER-02-QT2-2024

Tgt Ion:	228	Resp:	36132
Ion Ratio	Lower	Upper	
228	100		
226	25.3	21.5	32.3
229	19.9	15.7	23.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#82

3,3'-Dichlorobenzidine

Concen: 8.273 ng

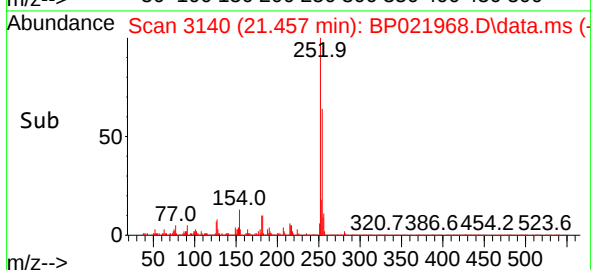
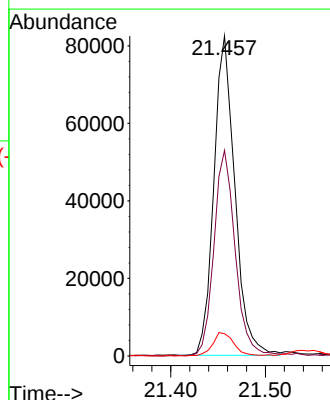
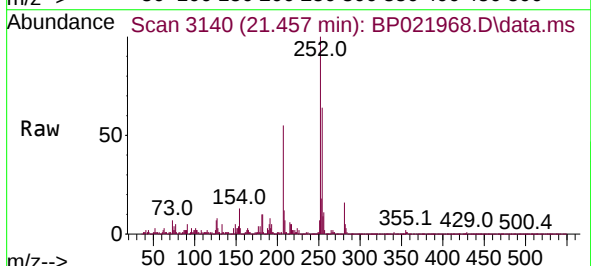
RT: 21.457 min Scan# 3140

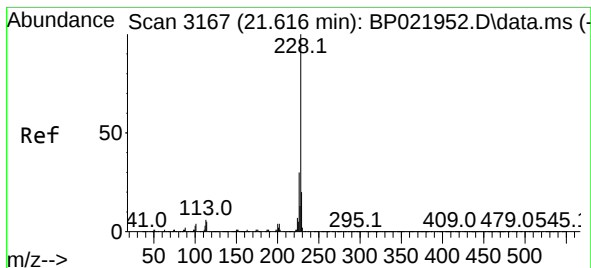
Delta R.T. -0.006 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

Tgt Ion:	252	Resp:	127065
Ion Ratio	Lower	Upper	
252	100		
254	64.2	51.4	77.2
126	6.9	6.2	9.4





#83

Chrysene

Concen: 8.837 ng

RT: 21.598 min Scan# 3164

Delta R.T. -0.018 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

Instrument :

BNA_P

ClientSampleId :

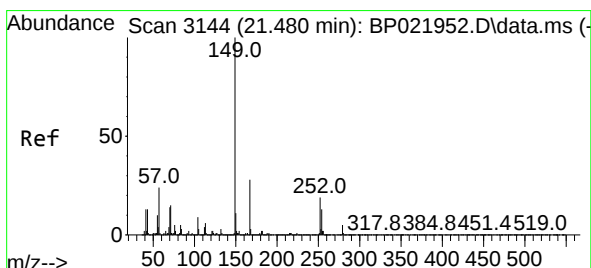
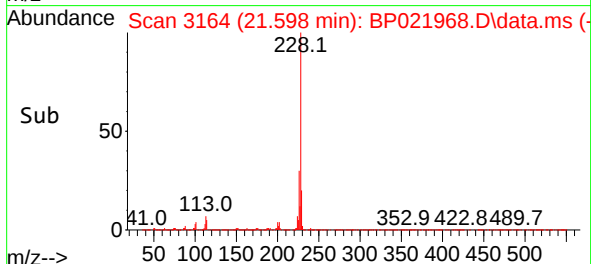
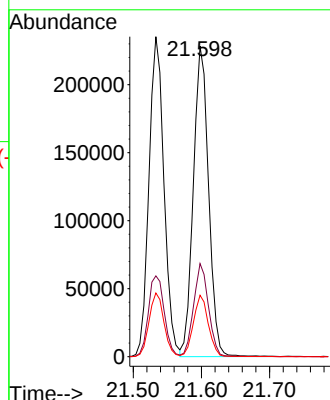
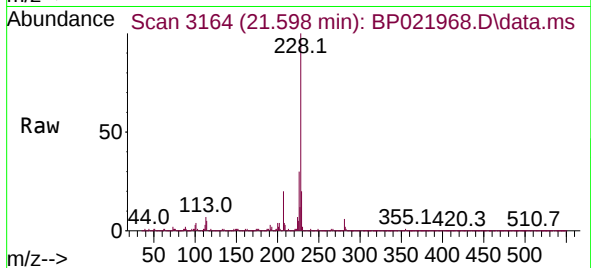
LOQ-WATER-02-QT2-2024

Tgt Ion:	228	Resp:	352208
Ion Ratio	Lower	Upper	
228	100		
226	30.0	24.2	36.4
229	19.8	15.7	23.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 7.106 ng

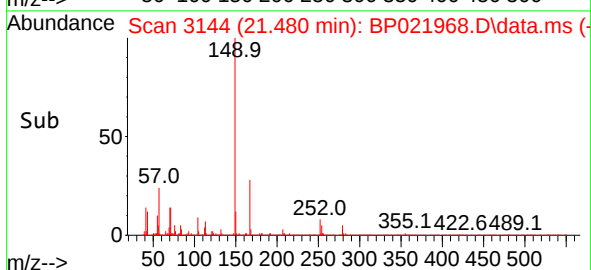
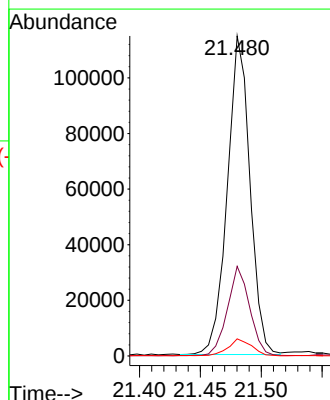
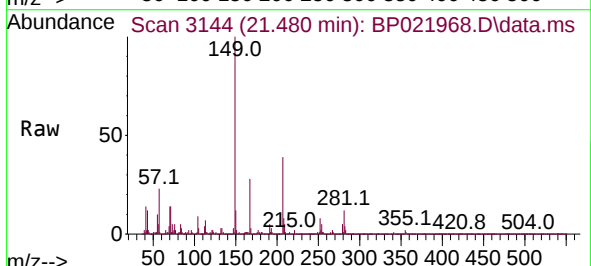
RT: 21.480 min Scan# 3144

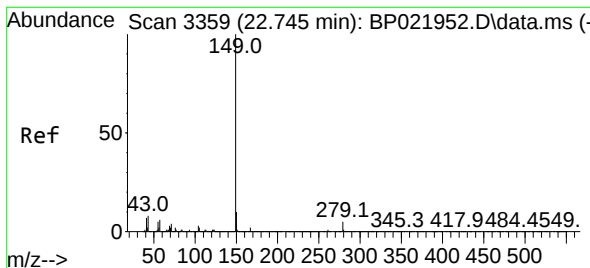
Delta R.T. -0.000 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

Tgt Ion:	149	Resp:	148253
Ion Ratio	Lower	Upper	
149	100		
167	28.0	22.3	33.5
279	5.3	4.2	6.2





#85

Di-n-octyl phthalate

Concen: 6.730 ng

RT: 22.739 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

Instrument :

BNA_P

ClientSampleId :

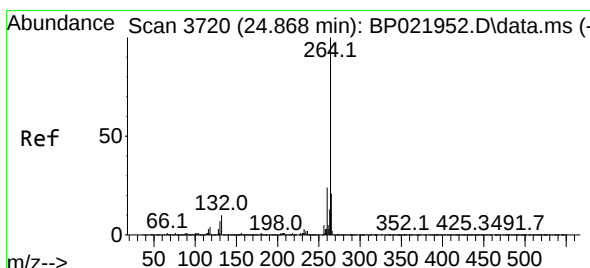
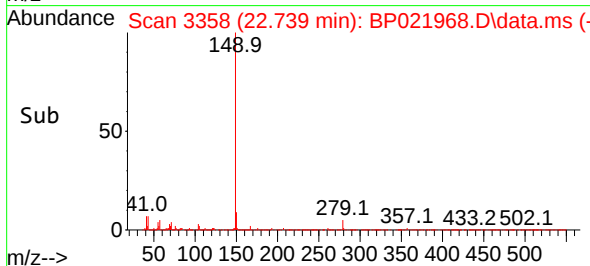
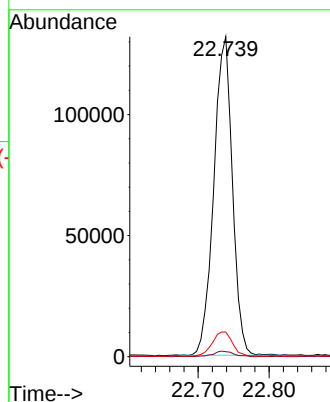
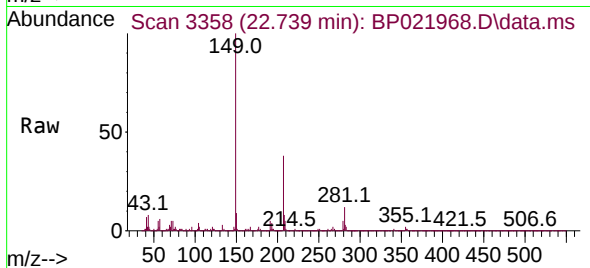
LOQ-WATER-02-QT2-2024

Tgt Ion:	149	Resp:	238449
Ion Ratio	Lower	Upper	
149	100		
167	1.9	1.4	2.0
43	8.3	6.2	9.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#86

Perylene-d12

Concen: 20.000 ng

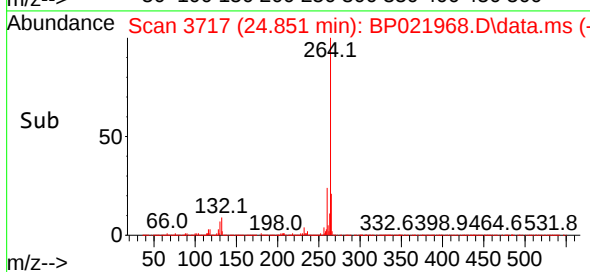
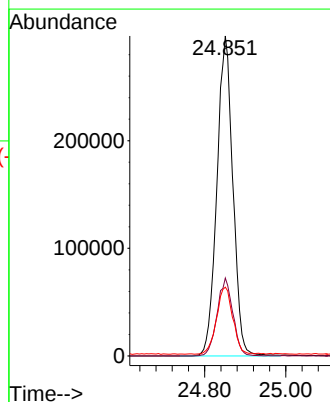
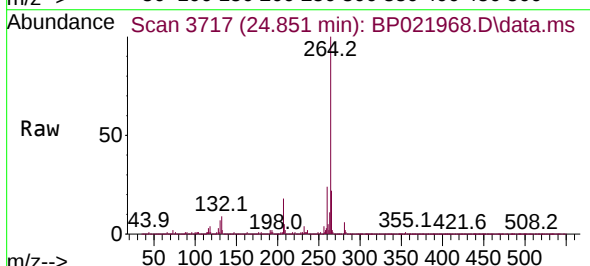
RT: 24.851 min Scan# 3717

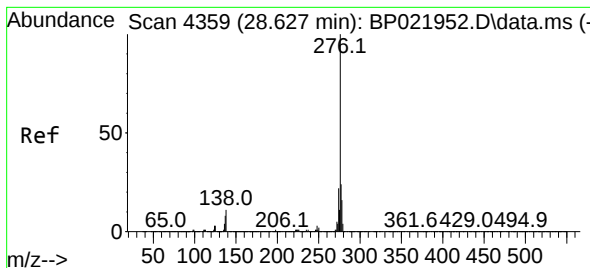
Delta R.T. -0.018 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

Tgt Ion:	264	Resp:	812266
Ion Ratio	Lower	Upper	
264	100		
260	24.4	18.9	28.3
265	21.5	17.5	26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 8.703 ng

RT: 28.562 min Scan# 41

Delta R.T. -0.065 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion:276 Resp: 47016

Ion Ratio Lower Upper

276 100

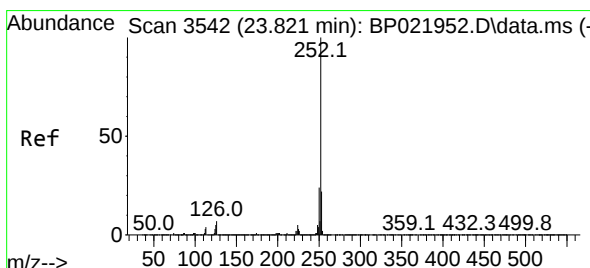
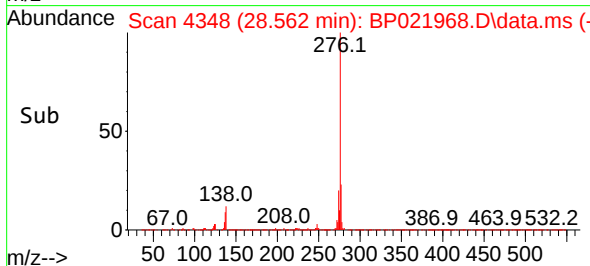
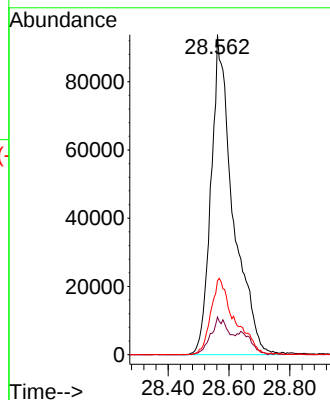
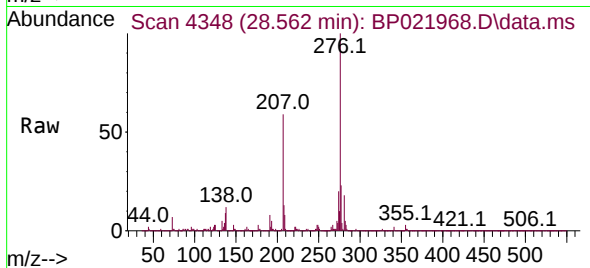
138 9.8 7.8 11.8

277 25.7 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#88

Benzo(b)fluoranthene

Concen: 7.947 ng

RT: 23.798 min Scan# 3538

Delta R.T. -0.024 min

Lab File: BP021968.D

Acq: 20 Sep 2024 15:28

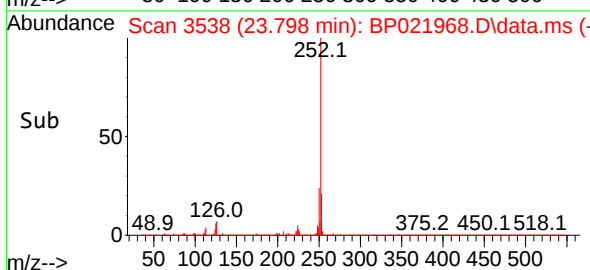
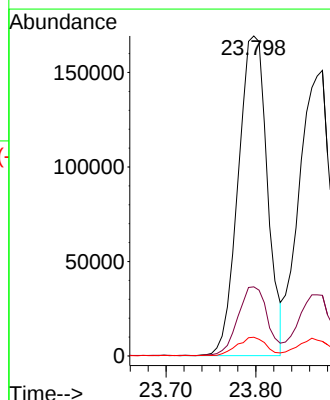
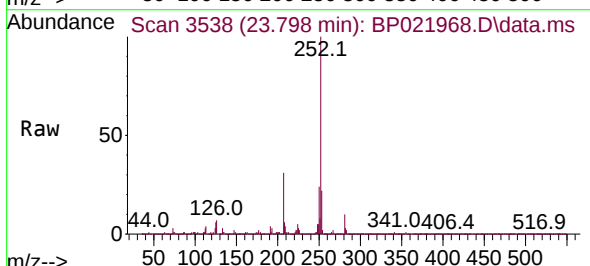
Tgt Ion:252 Resp: 381745

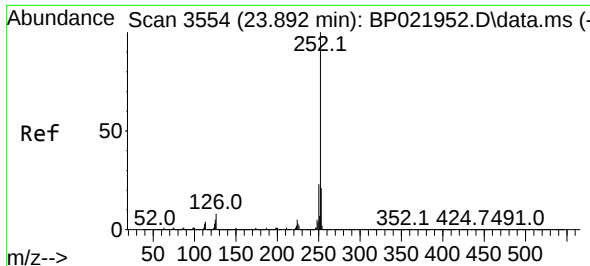
Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

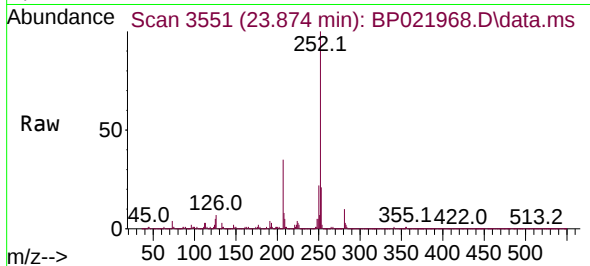
125 5.9 4.2 6.2





#89
Benzo(k)fluoranthene
Concen: 8.493 ng
RT: 23.874 min Scan# 3554
Delta R.T. -0.018 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

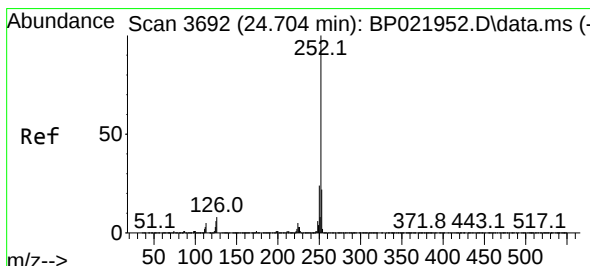
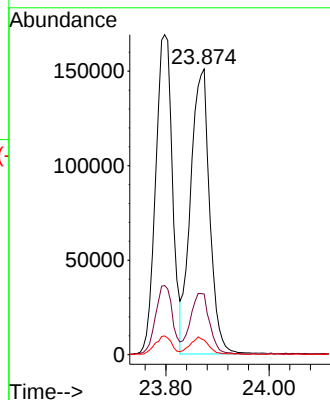
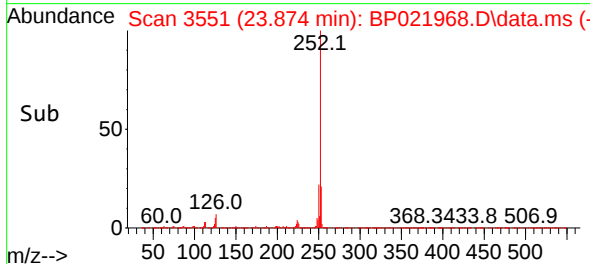
Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:252 Resp: 38611
Ion Ratio Lower Upper
252 100
253 21.2 17.0 25.6
125 5.1 4.3 6.5

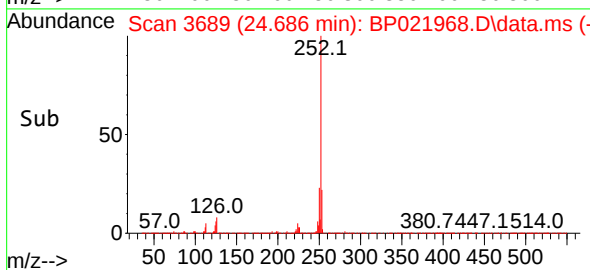
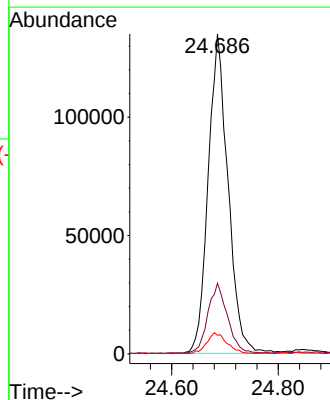
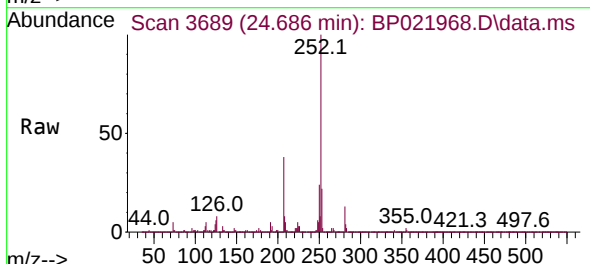
Manual Integrations
APPROVED

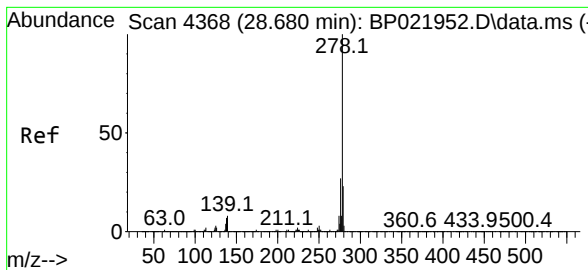
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#90
Benzo(a)pyrene
Concen: 8.435 ng
RT: 24.686 min Scan# 3689
Delta R.T. -0.018 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

Tgt Ion:252 Resp: 349061
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 5.8 5.0 7.6





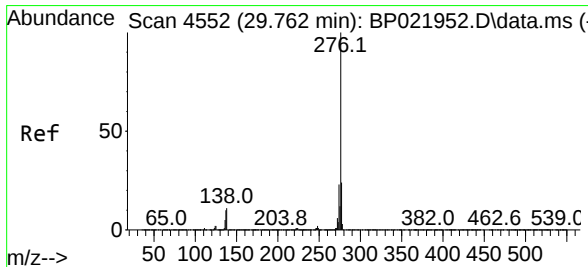
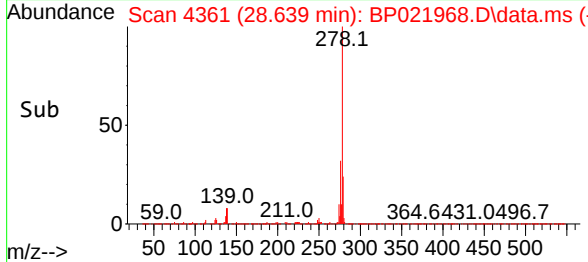
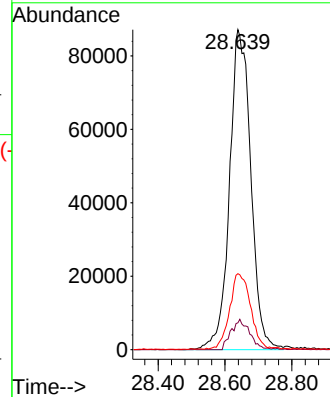
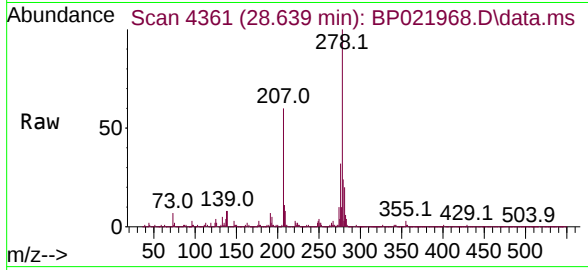
#91
Dibenzo(a,h)anthracene
Concen: 8.647 ng
RT: 28.639 min Scan# 41
Delta R.T. -0.041 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion:278 Resp: 385520
Ion Ratio Lower Upper
278 100
139 8.4 6.6 10.0
279 23.7 18.8 28.2

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#92
Benzo(g,h,i)perylene
Concen: 8.000 ng
RT: 29.721 min Scan# 4545
Delta R.T. -0.041 min
Lab File: BP021968.D
Acq: 20 Sep 2024 15:28

Tgt Ion:276 Resp: 365401
Ion Ratio Lower Upper
276 100
277 24.0 19.3 28.9
138 11.2 9.2 13.8

