

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092024\
 Data File : BP021970.D
 Acq On : 20 Sep 2024 16:50
 Operator : RC/JU
 Sample : P2403-07
 Misc : LOD-MDL-WATER- 4 ppm
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Sep 20 17:21:01 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	109662	20.000	ng	0.00
21) Naphthalene-d8	10.475	136	423272	20.000	ng	0.00
39) Acenaphthene-d10	14.334	164	311145	20.000	ng	0.00
64) Phenanthrene-d10	17.127	188	755617	20.000	ng	-0.01
76) Chrysene-d12	21.563	240	911044	20.000	ng	0.00
86) Perylene-d12	24.862	264	1028433	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	671194	115.022	ng	0.00
7) Phenol-d6	6.893	99	875617	115.588	ng	0.00
23) Nitrobenzene-d5	8.851	82	660964	82.627	ng	0.00
42) 2,4,6-Tribromophenol	15.851	330	708631	122.850	ng	0.00
45) 2-Fluorobiphenyl	12.939	172	1690551	79.314	ng	0.00
79) Terphenyl-d14	19.863	244	3468705	71.521	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.258	88	9484	3.914	ng	97
3) Pyridine	3.663	79	20295	3.140	ng	98
4) n-Nitrosodimethylamine	3.563	42	12931	3.793	ng	# 96
6) Aniline	7.052	93	30505	4.583	ng	100
8) 2-Chlorophenol	7.281	128	25027	4.011	ng	92
9) Benzaldehyde	6.863	77	24076	6.078	ng	95
10) Phenol	6.916	94	28347	3.768	ng	81
11) bis(2-Chloroethyl)ether	7.140	93	22681	4.002	ng	95
12) 1,3-Dichlorobenzene	7.599	146	30799	3.910	ng	96
13) 1,4-Dichlorobenzene	7.746	146	31621	3.958	ng	96
14) 1,2-Dichlorobenzene	8.057	146	30154	3.932	ng	99
15) Benzyl Alcohol	7.946	79	22462	3.866	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.222	45	26706	4.418	ng	99
17) 2-Methylphenol	8.151	107	18362	3.613	ng	95
18) Hexachloroethane	8.775	117	10896	3.709	ng	88
19) n-Nitroso-di-n-propyla...	8.499	70	18511	3.931	ng	98
20) 3+4-Methylphenols	8.469	107	25508	3.555	ng	95
22) Acetophenone	8.516	105	40626	3.935	ng	# 94
24) Nitrobenzene	8.893	77	33253	4.093	ng	99
25) Isophorone	9.416	82	49322	3.740	ng	100
26) 2-Nitrophenol	9.598	139	11280	3.176	ng	99
27) 2,4-Dimethylphenol	9.657	122	10312	2.507	ng	97
28) bis(2-Chloroethoxy)met...	9.893	93	30203	3.820	ng	95
29) 2,4-Dichlorophenol	10.128	162	22700	3.252	ng	97
30) 1,2,4-Trichlorobenzene	10.340	180	32355	3.721	ng	97
31) Naphthalene	10.522	128	79761	3.776	ng	97
32) Benzoic acid	9.722	122	11702m	2.434	ng	
33) 4-Chloroaniline	10.634	127	29083	3.818	ng	98
34) Hexachlorobutadiene	10.810	225	24675	3.627	ng	98
35) Caprolactam	11.398	113	6819	3.282	ng	94
36) 4-Chloro-3-methylphenol	11.763	107	24234	3.236	ng	96
37) 2-Methylnaphthalene	12.140	142	56625	3.664	ng	95
38) 1-Methylnaphthalene	12.351	142	53564	3.511	ng	97
40) 1,2,4,5-Tetrachloroben...	12.504	216	41666	3.828	ng	99
41) Hexachlorocyclopentadiene	12.492	237	9893	2.446	ng	94
43) 2,4,6-Trichlorophenol	12.745	196	22952	3.435	ng	98

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 LOD-MDL-WATER-01-QT2-2024

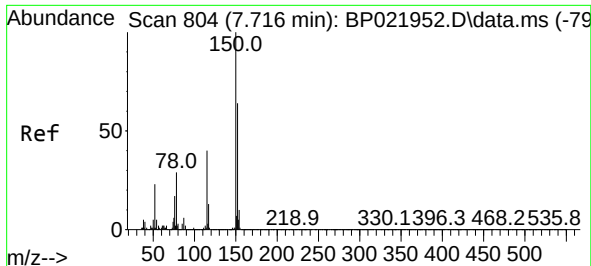
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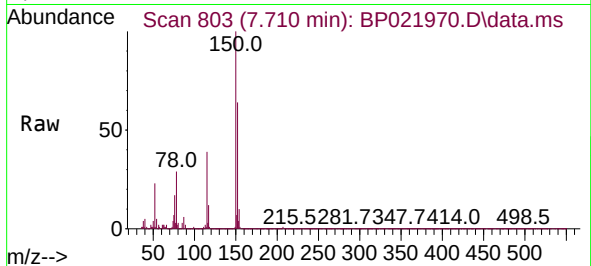
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.822	196	24182	3.226	ng	95
46) 1,1'-Biphenyl	13.151	154	85372	4.024	ng	98
47) 2-Chloronaphthalene	13.192	162	62934	3.669	ng	99
48) 2-Nitroaniline	13.398	65	14593	3.115	ng	88
49) Acenaphthylene	14.051	152	91430	3.777	ng	98
50) Dimethylphthalate	13.781	163	81983	3.633	ng	99
51) 2,6-Dinitrotoluene	13.898	165	15744	3.131	ng	91
52) Acenaphthene	14.398	154	56257	3.571	ng	97
53) 3-Nitroaniline	14.239	138	13160	2.936	ng	# 90
54) 2,4-Dinitrophenol	14.445	184	6538	2.219	ng	93
55) Dibenzofuran	14.733	168	102091	3.855	ng	99
56) 4-Nitrophenol	14.557	139	10496	2.691	ng	85
57) 2,4-Dinitrotoluene	14.692	165	19912	2.801	ng	90
58) Fluorene	15.392	166	81449	3.683	ng	97
59) 2,3,4,6-Tetrachlorophenol	14.969	232	24105	3.332	ng	95
60) Diethylphthalate	15.175	149	82411	3.594	ng	98
61) 4-Chlorophenyl-phenyle...	15.392	204	46797	3.635	ng	95
62) 4-Nitroaniline	15.416	138	13888	2.818	ng	93
63) Azobenzene	15.692	77	69955	3.686	ng	98
65) 4,6-Dinitro-2-methylph...	15.480	198	12193	2.784	ng	92
66) n-Nitrosodiphenylamine	15.616	169	68237	3.627	ng	96
67) 4-Bromophenyl-phenylether	16.310	248	31901	3.622	ng	97
68) Hexachlorobenzene	16.416	284	40350	3.674	ng	96
69) Atrazine	16.592	200	30143	4.472	ng	98
70) Pentachlorophenol	16.769	266	21136	2.861	ng	95
71) Phenanthrene	17.175	178	136967	3.776	ng	99
72) Anthracene	17.275	178	124578	3.548	ng	99
73) Carbazole	17.545	167	120369	3.549	ng	97
74) Di-n-butylphthalate	18.139	149	132459	3.326	ng	99
75) Fluoranthene	19.257	202	177759	3.511	ng	100
77) Benzidine	19.463	184	47760	4.290	ng	# 96
78) Pyrene	19.633	202	189839	3.445	ng	99
80) Butylbenzylphthalate	20.592	149	61055	3.106	ng	100
81) Benzo(a)anthracene	21.545	228	215742	3.685	ng	99
82) 3,3'-Dichlorobenzidine	21.463	252	69840	3.288	ng	99
83) Chrysene	21.610	228	200278	3.634	ng	98
84) Bis(2-ethylhexyl)phtha...	21.480	149	90266	3.129	ng	99
85) Di-n-octyl phthalate	22.745	149	144730	2.954	ng	98
87) Indeno(1,2,3-cd)pyrene	28.586	276	261685	3.826	ng	92
88) Benzo(b)fluoranthene	23.809	252	213101	3.504	ng	97
89) Benzo(k)fluoranthene	23.874	252	223716	3.887	ng	99
90) Benzo(a)pyrene	24.698	252	194211	3.707	ng	99
91) Dibenzo(a,h)anthracene	28.668	278	216862	3.841	ng	94
92) Benzo(g,h,i)perylene	29.739	276	201668	3.487	ng	# 97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.710 min Scan# 804
Delta R.T. -0.006 min
Lab File: BP021970.D
Acq: 20 Sep 2024 16:50

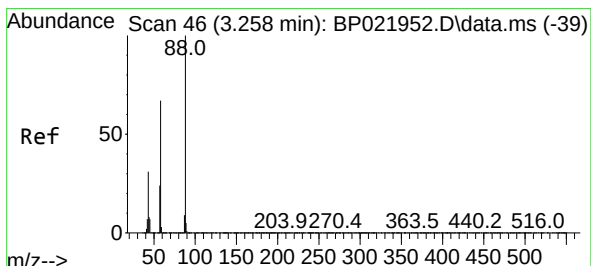
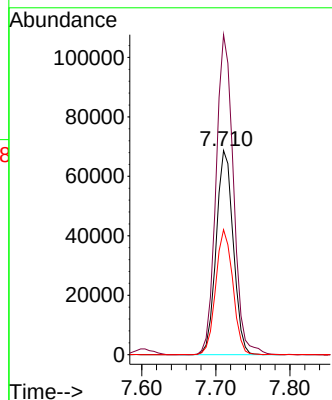
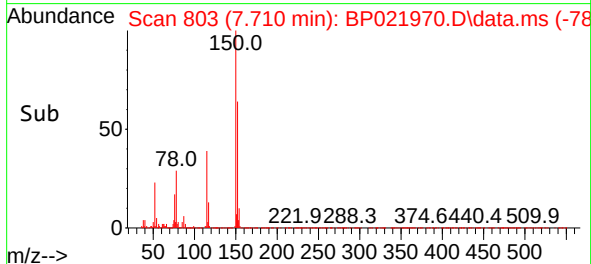
Instrument : BNA_P
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



Tgt Ion:152 Resp: 109662
Ion Ratio Lower Upper
152 100
150 156.7 124.2 186.2
115 61.2 49.2 73.8

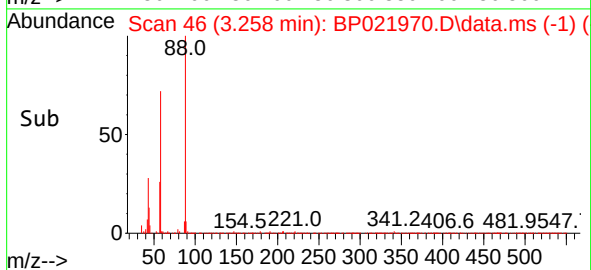
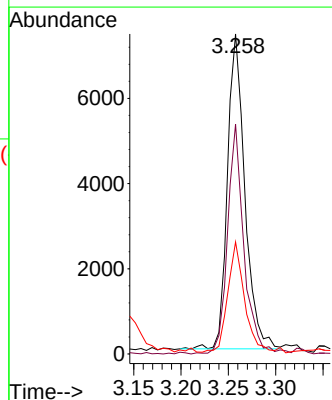
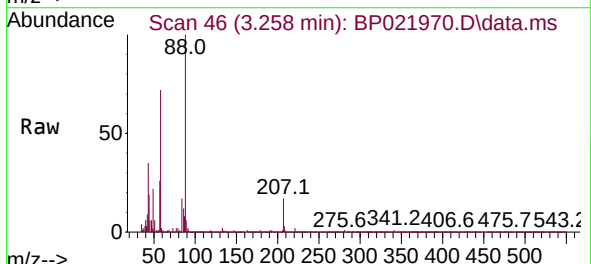
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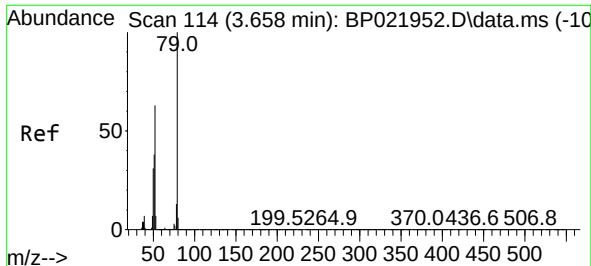
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#2
1,4-Dioxane
Concen: 3.914 ng
RT: 3.258 min Scan# 46
Delta R.T. -0.000 min
Lab File: BP021970.D
Acq: 20 Sep 2024 16:50

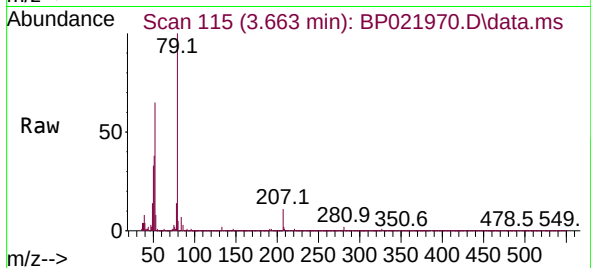
Tgt Ion: 88 Resp: 9484
Ion Ratio Lower Upper
88 100
58 68.5 53.8 80.6
43 34.0 25.2 37.8





#3
Pyridine
Concen: 3.140 ng
RT: 3.663 min Scan# 114
Delta R.T. 0.006 min
Lab File: BP021970.D
Acq: 20 Sep 2024 16:50

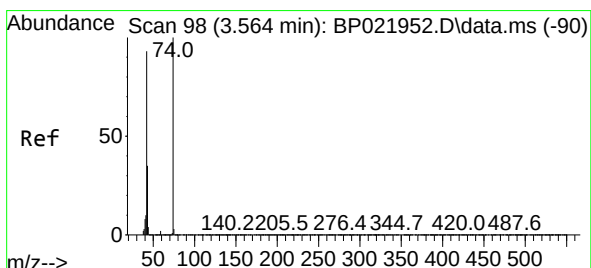
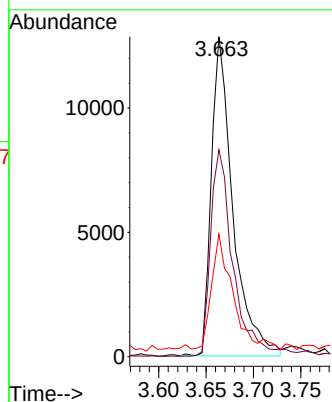
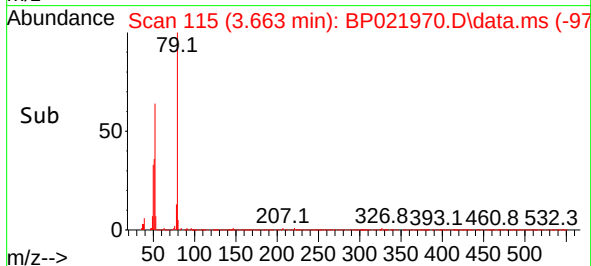
Instrument : BNA_P
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 79 Resp: 2029
Ion Ratio Lower Upper
79 100
52 64.6 50.3 75.5
51 38.3 30.9 46.3

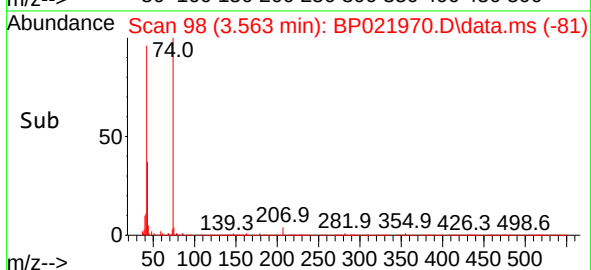
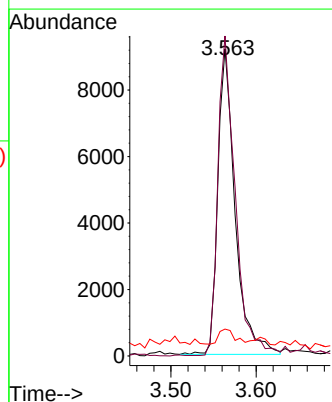
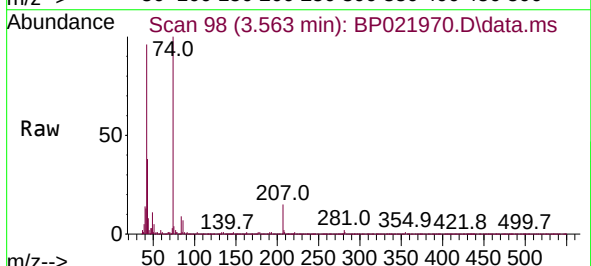
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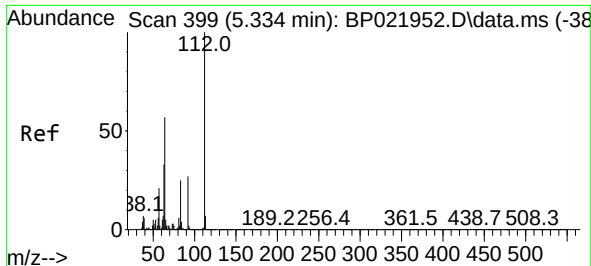
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#4
n-Nitrosodimethylamine
Concen: 3.793 ng
RT: 3.563 min Scan# 98
Delta R.T. -0.000 min
Lab File: BP021970.D
Acq: 20 Sep 2024 16:50

Tgt Ion: 42 Resp: 12931
Ion Ratio Lower Upper
42 100
74 104.2 86.3 129.5
44 8.8 4.0 6.0





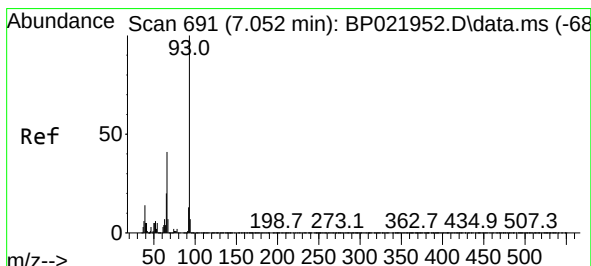
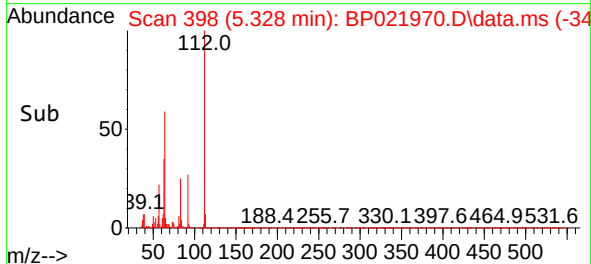
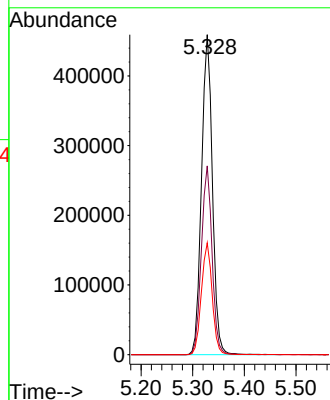
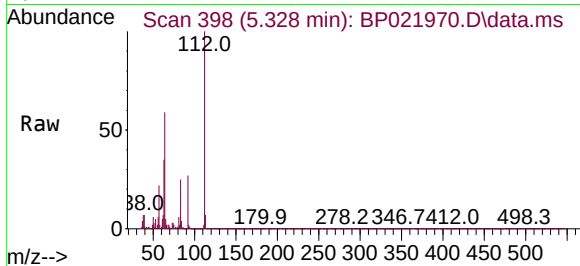
#5
2-Fluorophenol
Concen: 115.022 ng
RT: 5.328 min Scan# 399
Delta R.T. -0.006 min
Lab File: BP021970.D
Acq: 20 Sep 2024 16:50

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

Tgt Ion:112 Resp: 671194
Ion Ratio Lower Upper
112 100
64 59.0 45.4 68.0
63 35.0 26.6 39.8

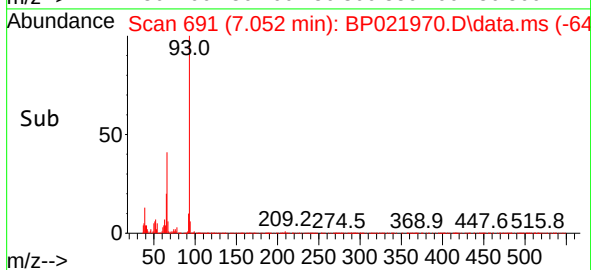
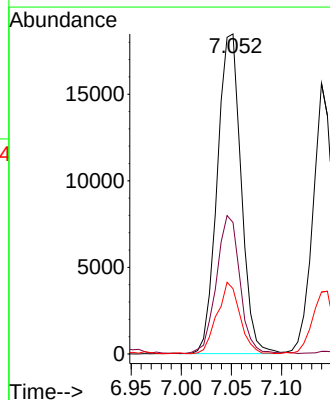
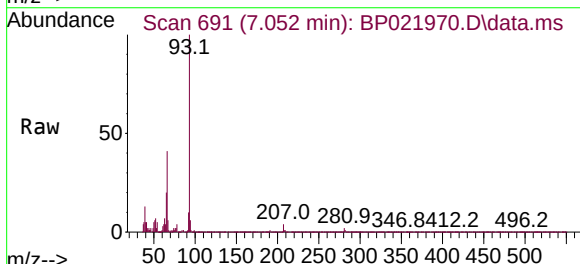
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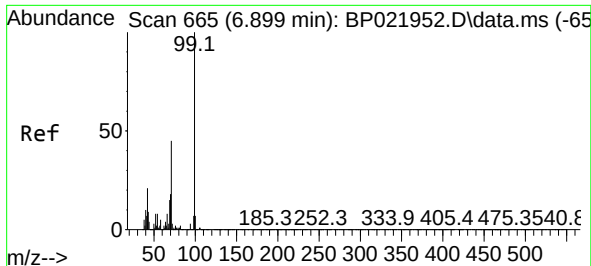
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#6
Aniline
Concen: 4.583 ng
RT: 7.052 min Scan# 691
Delta R.T. -0.000 min
Lab File: BP021970.D
Acq: 20 Sep 2024 16:50

Tgt Ion: 93 Resp: 30505
Ion Ratio Lower Upper
93 100
66 41.1 33.0 49.4
65 20.4 16.1 24.1





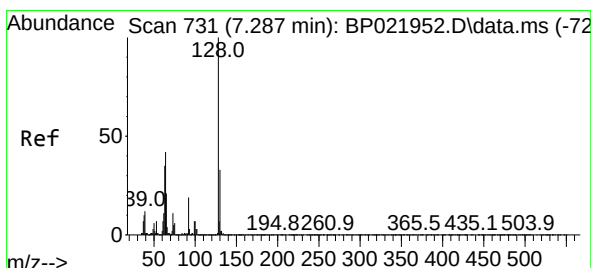
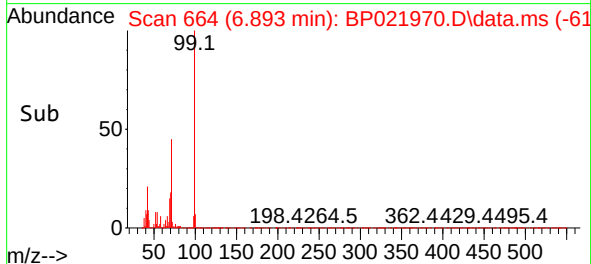
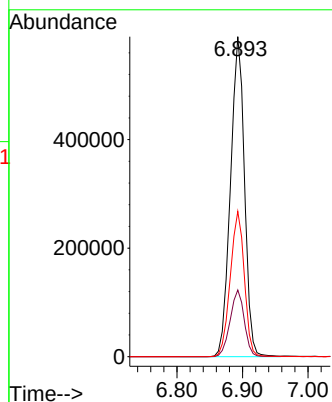
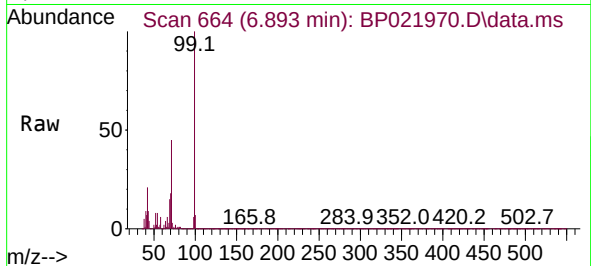
#7
Phenol-d6
Concen: 115.588 ng
RT: 6.893 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP021970.D
Acq: 20 Sep 2024 16:50

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ClientSampleId :
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Tgt Ion: 99 Resp: 87561
Ion Ratio Lower Upper
99 100
42 20.9 16.8 25.2
71 45.4 35.8 53.6

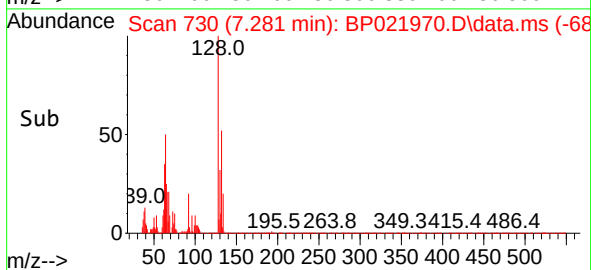
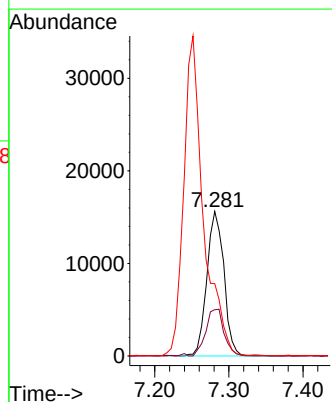
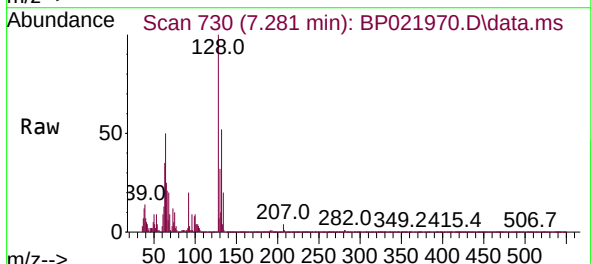
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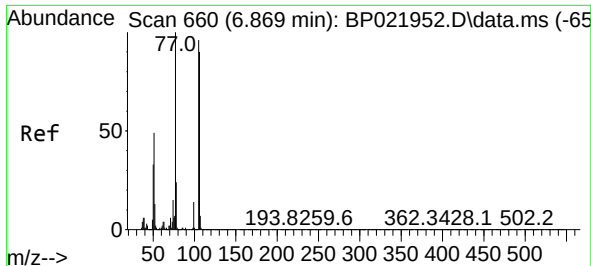
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#8
2-Chlorophenol
Concen: 4.011 ng
RT: 7.281 min Scan# 730
Delta R.T. -0.006 min
Lab File: BP021970.D
Acq: 20 Sep 2024 16:50

Tgt Ion:128 Resp: 25027
Ion Ratio Lower Upper
128 100
130 32.0 13.1 53.1
64 50.0 22.1 62.1





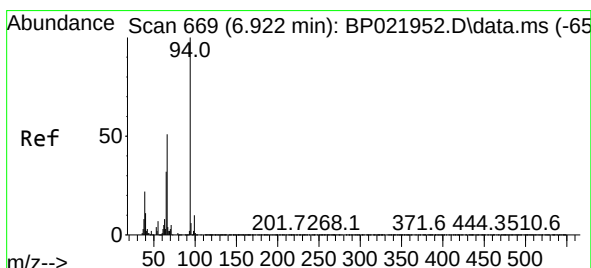
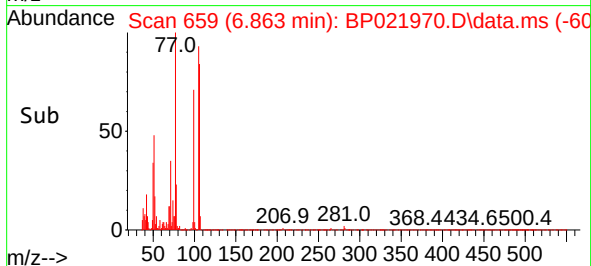
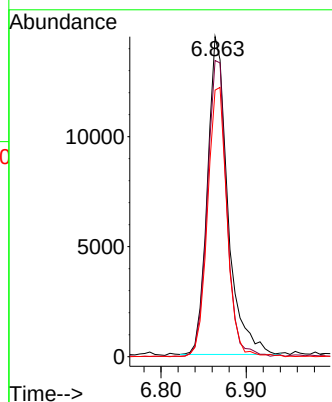
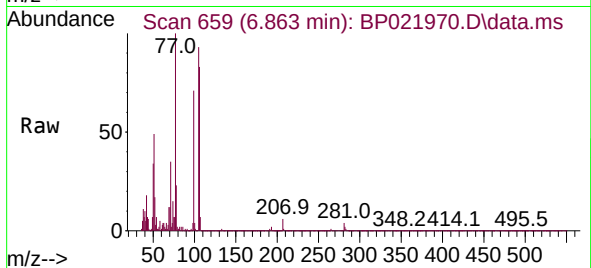
#9
Benzaldehyde
Concen: 6.078 ng
RT: 6.863 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP021970.D
Acq: 20 Sep 2024 16:50

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

Tgt Ion: 77	Resp: 2407
Ion Ratio	Lower Upper
77 100	
105 92.6	76.1 116.1
106 83.3	69.9 109.9

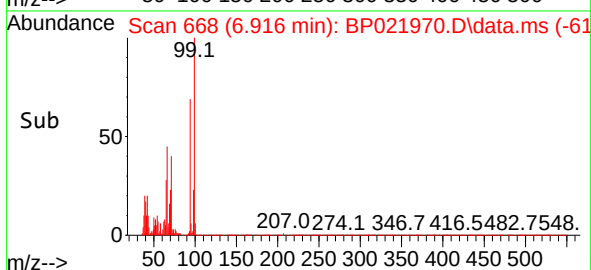
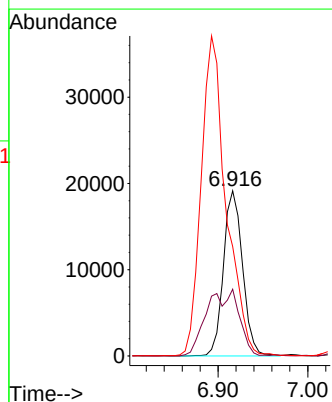
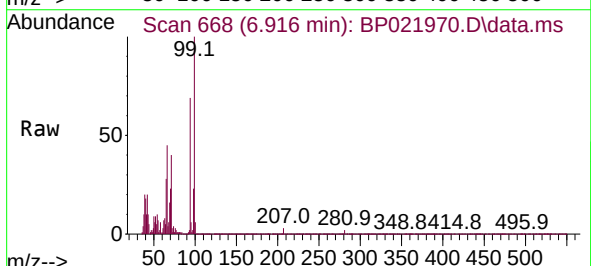
Manual Integrations
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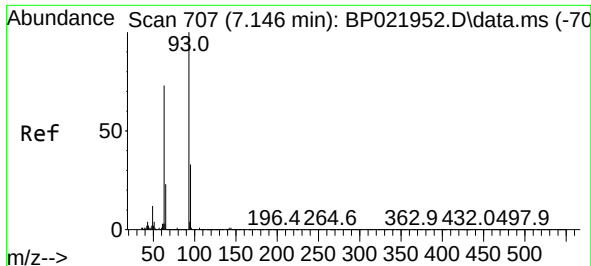
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#10
Phenol
Concen: 3.768 ng
RT: 6.916 min Scan# 668
Delta R.T. -0.006 min
Lab File: BP021970.D
Acq: 20 Sep 2024 16:50

Tgt Ion: 94	Resp: 28347
Ion Ratio	Lower Upper
94 100	
65 40.4	12.5 52.5
66 66.3	31.2 71.2





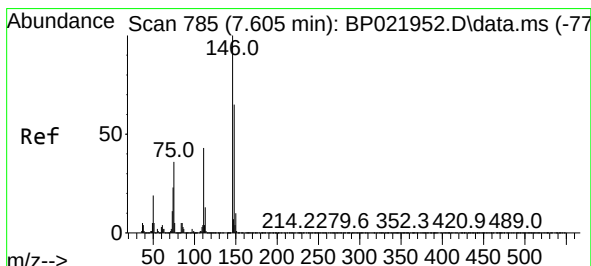
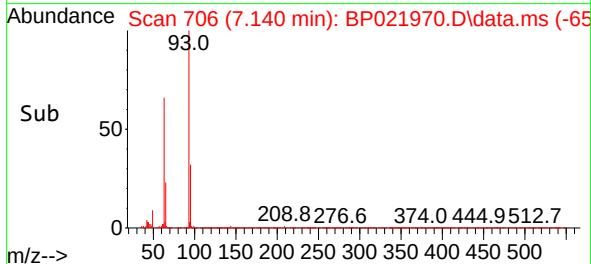
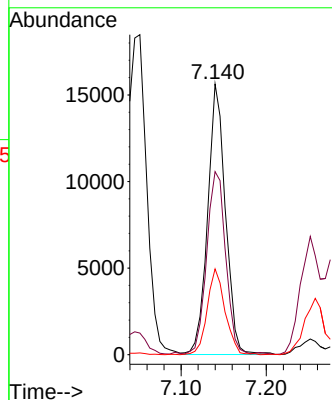
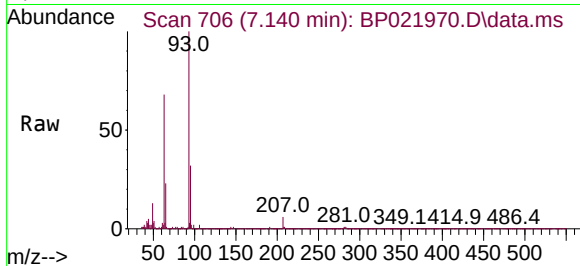
#11
bis(2-Chloroethyl)ether
Concen: 4.002 ng
RT: 7.140 min Scan# 707
Delta R.T. -0.006 min
Lab File: BP021970.D
Acq: 20 Sep 2024 16:50

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

Tgt Ion: 93 Resp: 2268
Ion Ratio Lower Upper
93 100
63 67.6 53.0 93.0
95 31.7 12.4 52.4

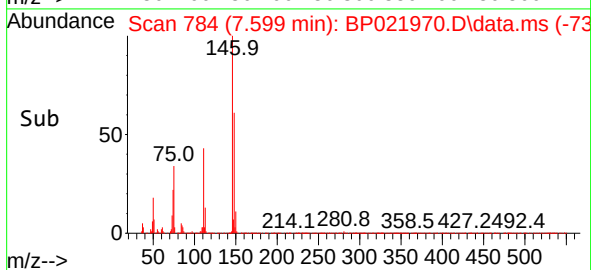
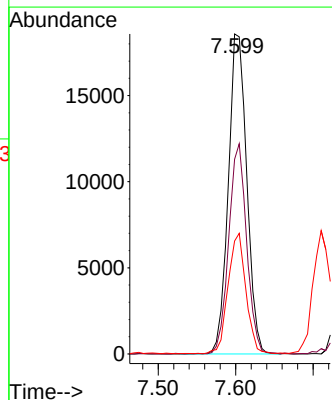
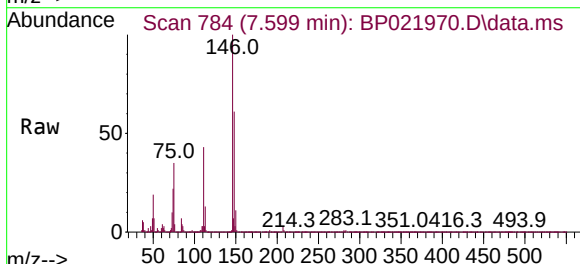
Manual Integrations
APPROVED

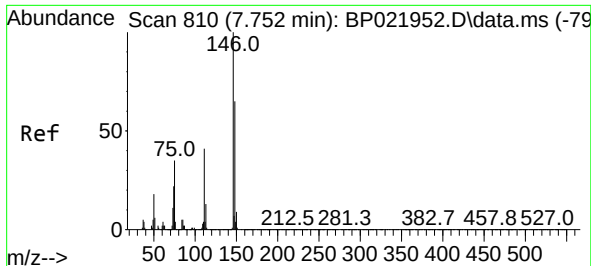
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#12
1,3-Dichlorobenzene
Concen: 3.910 ng
RT: 7.599 min Scan# 784
Delta R.T. -0.006 min
Lab File: BP021970.D
Acq: 20 Sep 2024 16:50

Tgt Ion:146 Resp: 30799
Ion Ratio Lower Upper
146 100
148 60.8 52.3 78.5
75 35.3 29.0 43.6





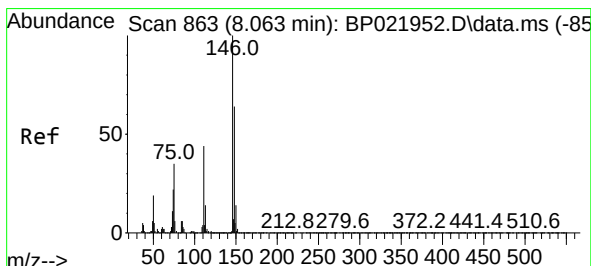
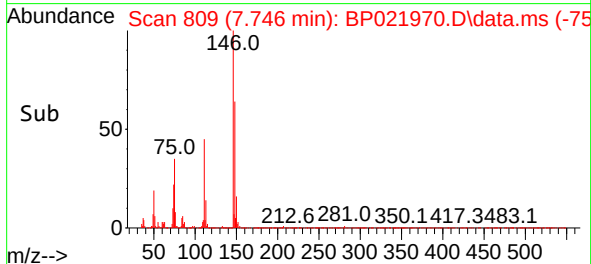
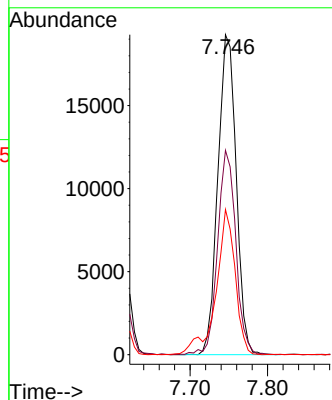
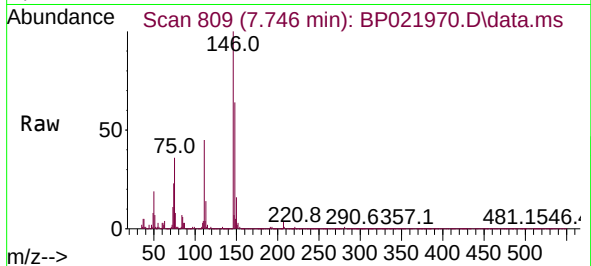
#13
1,4-Dichlorobenzene
Concen: 3.958 ng
RT: 7.746 min Scan# 809
Delta R.T. -0.006 min
Lab File: BP021970.D
Acq: 20 Sep 2024 16:50

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

Tgt Ion:146 Resp: 3162
Ion Ratio Lower Upper
146 100
148 63.8 52.2 78.4
111 45.4 32.6 48.8

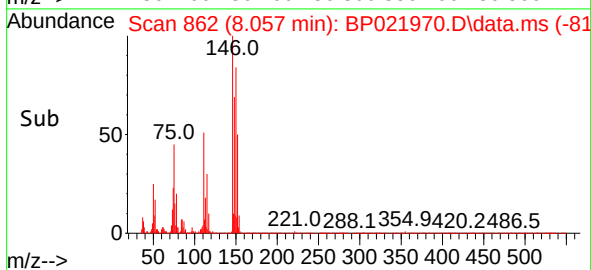
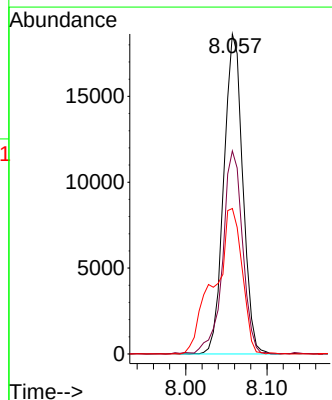
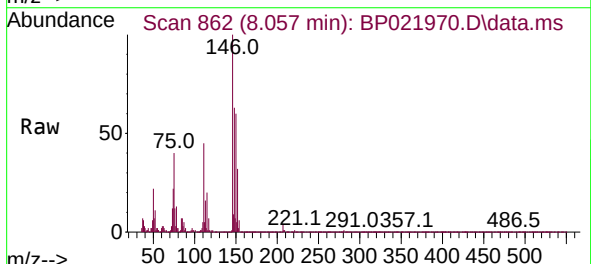
Manual Integrations
APPROVED

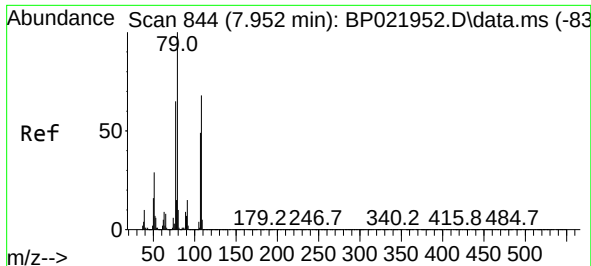
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#14
1,2-Dichlorobenzene
Concen: 3.932 ng
RT: 8.057 min Scan# 862
Delta R.T. -0.006 min
Lab File: BP021970.D
Acq: 20 Sep 2024 16:50

Tgt Ion:146 Resp: 30154
Ion Ratio Lower Upper
146 100
148 63.4 51.3 76.9
111 45.4 35.6 53.4





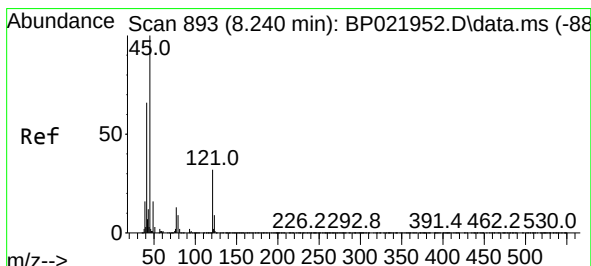
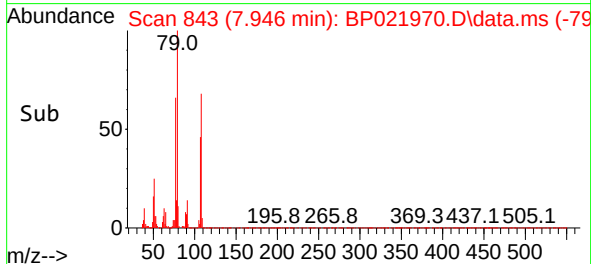
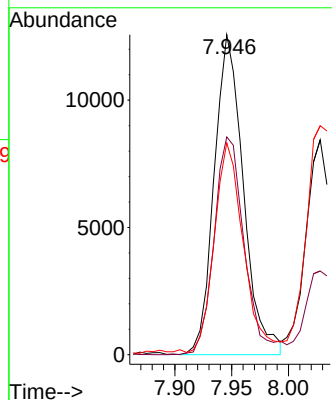
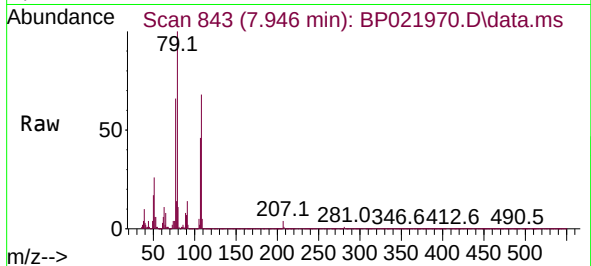
#15
Benzyl Alcohol
Concen: 3.866 ng
RT: 7.946 min Scan# 844
Delta R.T. -0.006 min
Lab File: BP021970.D
Acq: 20 Sep 2024 16:50

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

Tgt Ion: 79 Resp: 2246
Ion Ratio Lower Upper
79 100
108 68.0 54.7 82.1
77 66.2 51.8 77.8

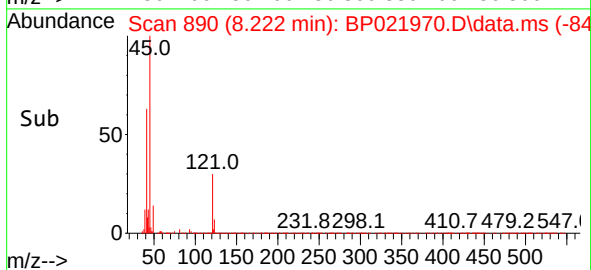
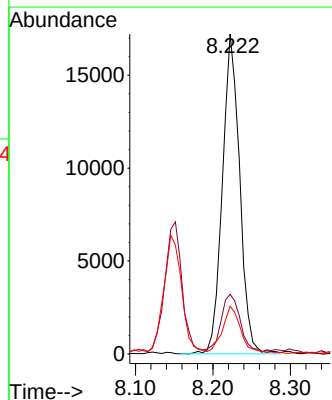
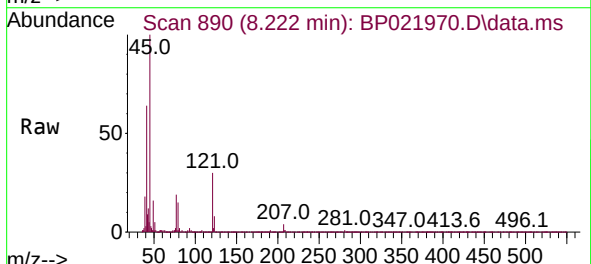
Manual Integrations
APPROVED

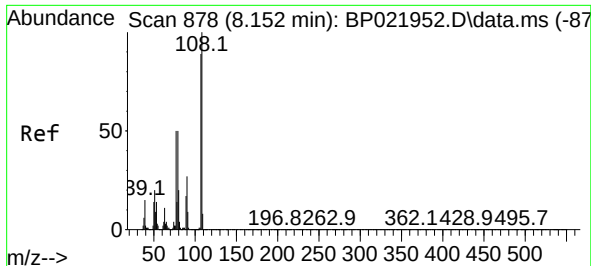
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.418 ng
RT: 8.222 min Scan# 890
Delta R.T. -0.018 min
Lab File: BP021970.D
Acq: 20 Sep 2024 16:50

Tgt Ion: 45 Resp: 26706
Ion Ratio Lower Upper
45 100
77 18.7 0.0 39.5
79 14.9 0.0 34.9





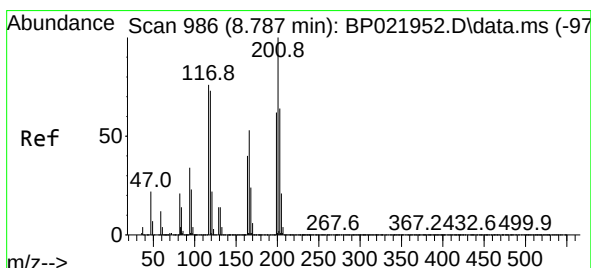
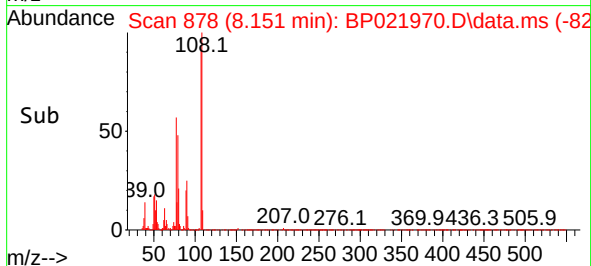
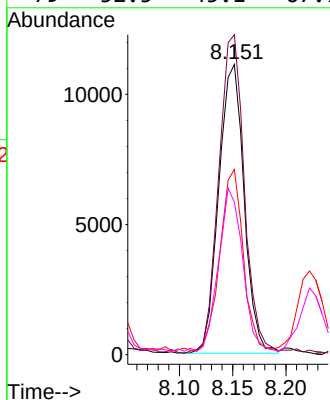
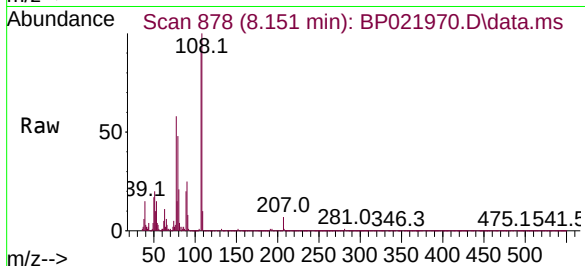
#17
2-Methylphenol
Concen: 3.613 ng
RT: 8.151 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP021970.D
Acq: 20 Sep 2024 16:50

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

Tgt Ion:	107	Resp:	1836
Ion	Ratio	Lower	Upper
107	100		
108	110.2	90.3	135.5
77	63.8	45.1	67.7
79	52.5	45.1	67.7

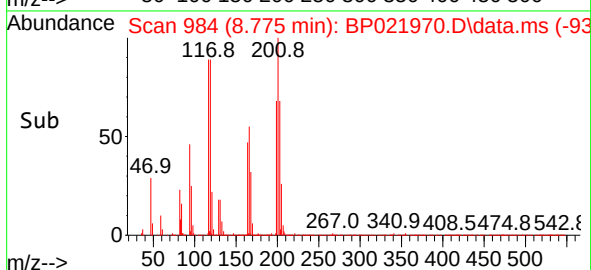
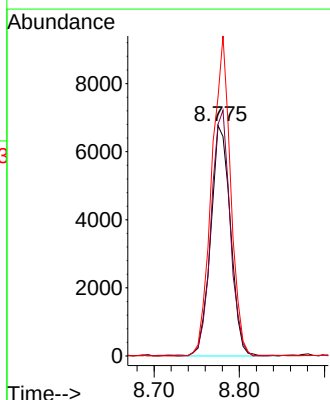
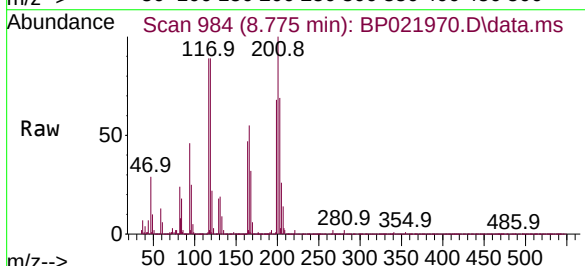
Manual Integrations
APPROVED

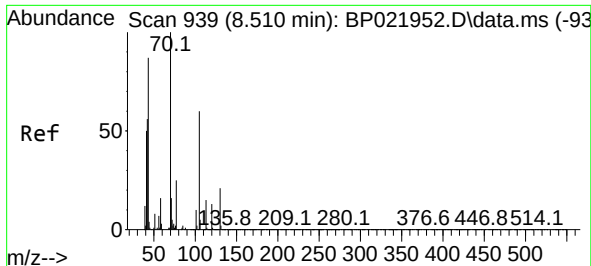
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#18
Hexachloroethane
Concen: 3.709 ng
RT: 8.775 min Scan# 984
Delta R.T. -0.012 min
Lab File: BP021970.D
Acq: 20 Sep 2024 16:50

Tgt Ion:	117	Resp:	10896
Ion	Ratio	Lower	Upper
117	100		
119	100.5	77.0	115.4
201	112.4	105.6	158.4





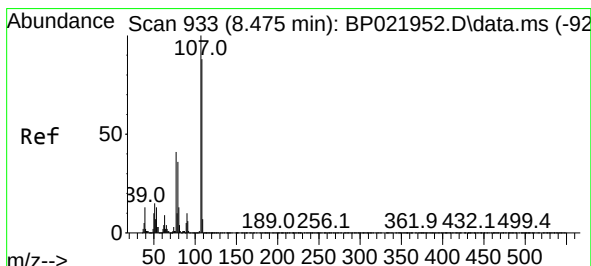
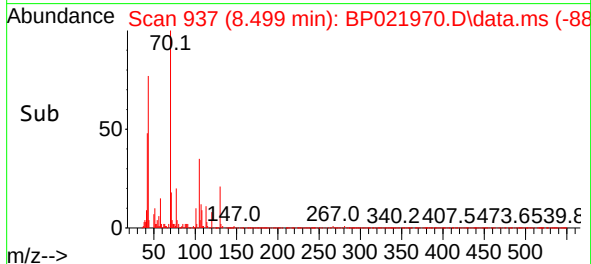
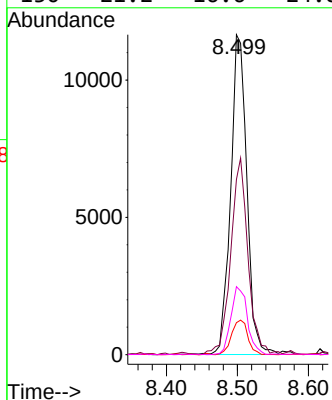
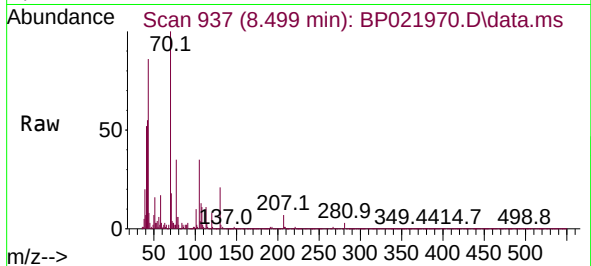
#19
n-Nitroso-di-n-propylamine
Concen: 3.931 ng
RT: 8.499 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP021970.D
Acq: 20 Sep 2024 16:50

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

Tgt Ion: 70 Resp: 1851
Ion Ratio Lower Upper
70 100
42 54.8 45.2 67.8
101 10.0 7.8 11.6
130 21.2 16.6 24.8

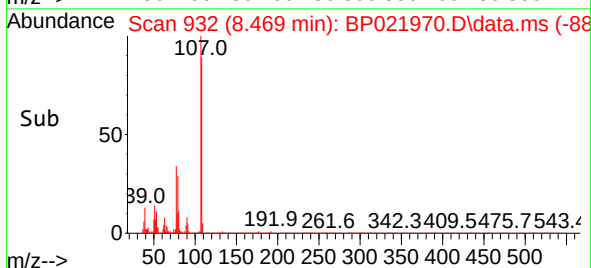
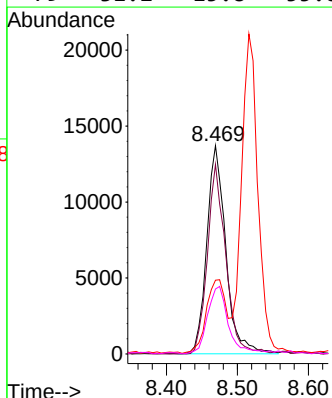
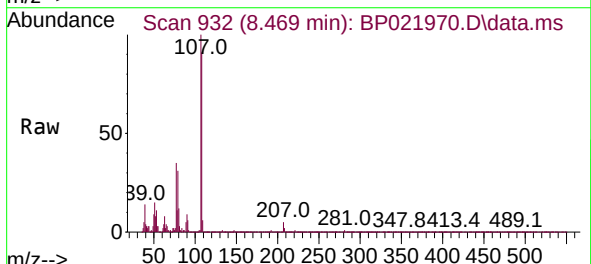
Manual Integrations
APPROVED

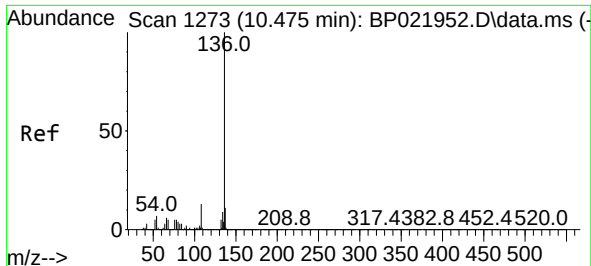
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#20
3+4-Methylphenols
Concen: 3.555 ng
RT: 8.469 min Scan# 932
Delta R.T. -0.006 min
Lab File: BP021970.D
Acq: 20 Sep 2024 16:50

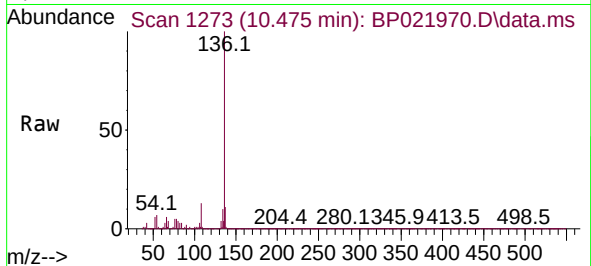
Tgt Ion:107 Resp: 25508
Ion Ratio Lower Upper
107 100
108 91.0 68.3 108.3
77 35.4 20.6 60.6
79 31.2 15.8 55.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP021970.D
Acq: 20 Sep 2024 16:50

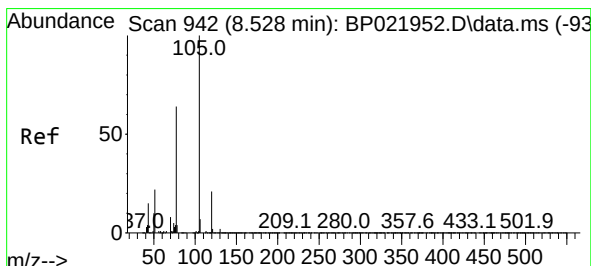
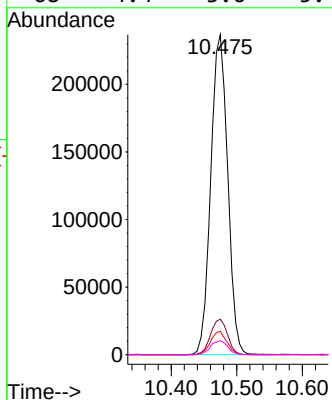
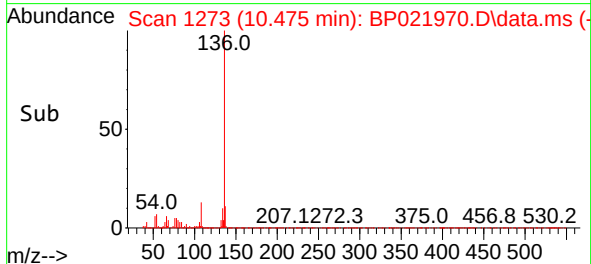
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion:136 Resp: 423272
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.3 5.5 8.3
68 4.4 3.6 5.4

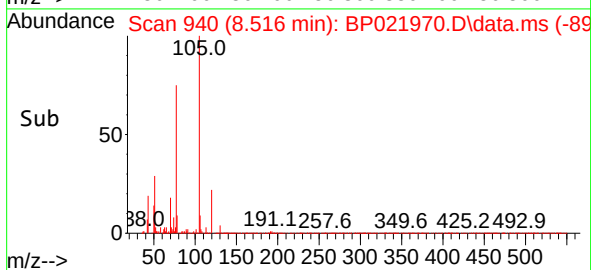
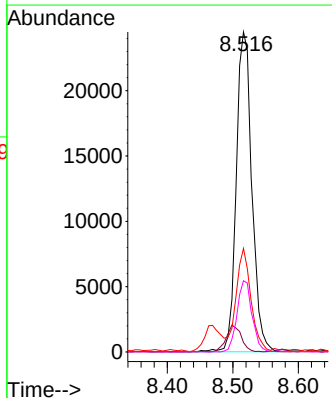
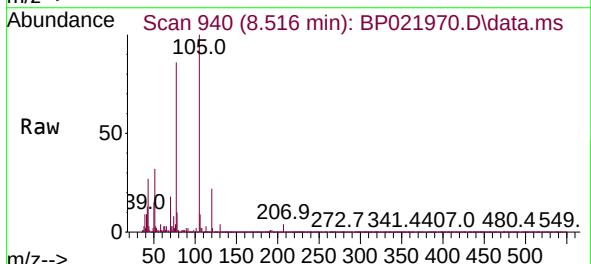
Manual Integrations
APPROVED

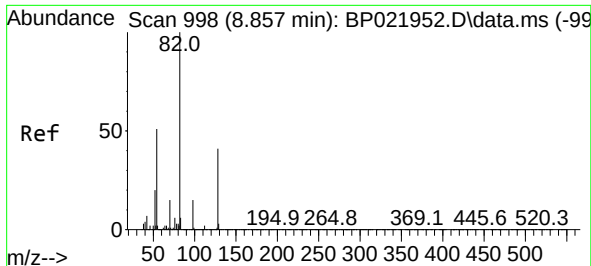
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#22
Acetophenone
Concen: 3.935 ng
RT: 8.516 min Scan# 940
Delta R.T. -0.012 min
Lab File: BP021970.D
Acq: 20 Sep 2024 16:50

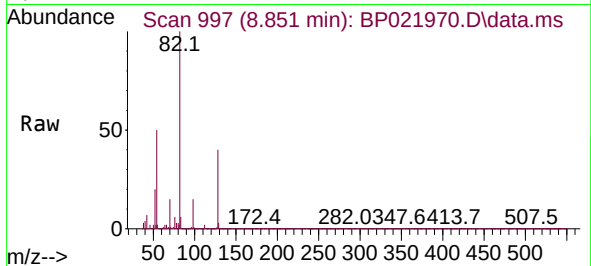
Tgt Ion:105 Resp: 40626
Ion Ratio Lower Upper
105 100
71 3.0 1.4 2.0#
51 32.4 22.1 33.1
120 22.3 16.8 25.2





#23
Nitrobenzene-d5
Concen: 82.627 ng
RT: 8.851 min Scan# 998
Delta R.T. -0.006 min
Lab File: BP021970.D
Acq: 20 Sep 2024 16:50

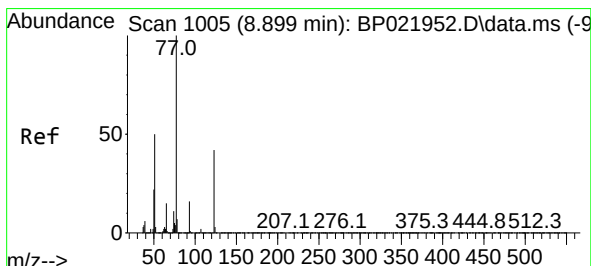
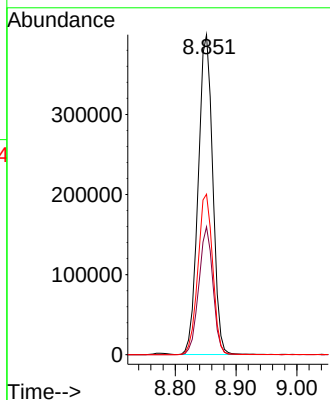
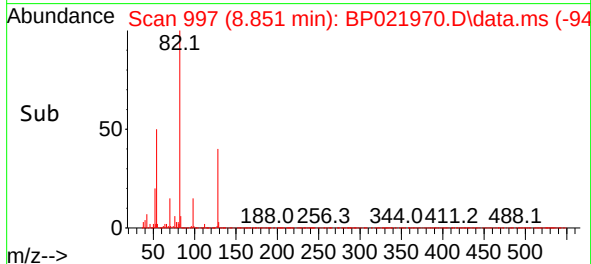
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 82 Resp: 660964
Ion Ratio Lower Upper
82 100
128 40.0 33.1 49.7
54 50.2 40.3 60.5

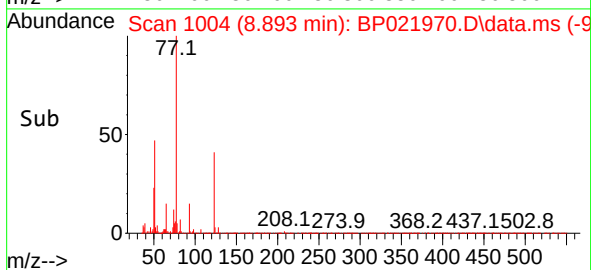
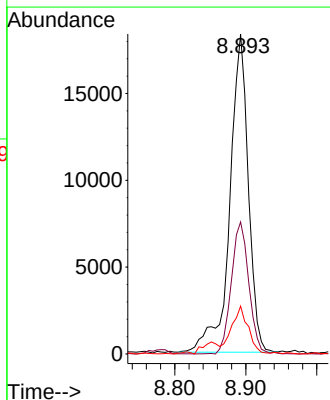
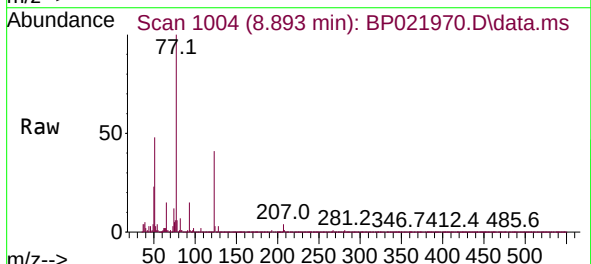
Manual Integrations
APPROVED

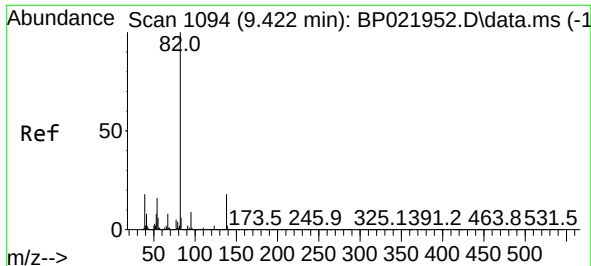
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#24
Nitrobenzene
Concen: 4.093 ng
RT: 8.893 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BP021970.D
Acq: 20 Sep 2024 16:50

Tgt Ion: 77 Resp: 33253
Ion Ratio Lower Upper
77 100
123 41.2 33.9 50.9
65 15.0 12.0 18.0





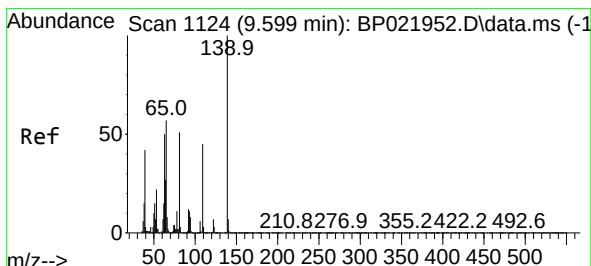
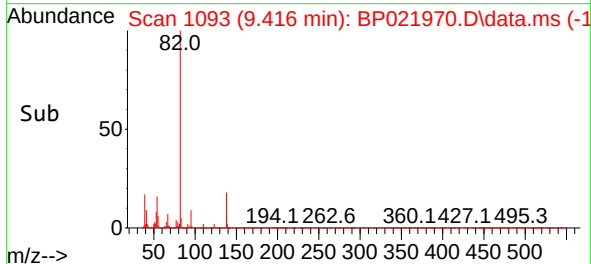
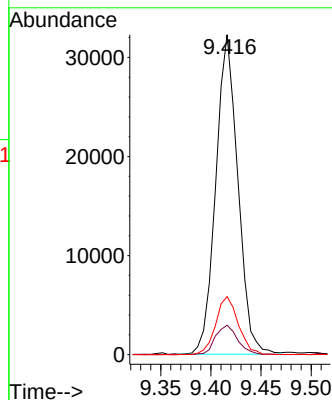
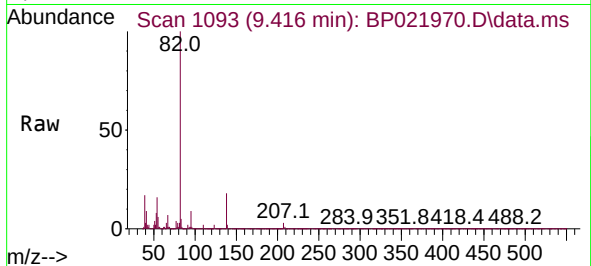
#25
Isophorone
Concen: 3.740 ng
RT: 9.416 min Scan# 1093
Delta R.T. -0.006 min
Lab File: BP021970.D
Acq: 20 Sep 2024 16:50

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

Tgt Ion: 82 Resp: 4932
Ion Ratio Lower Upper
82 100
95 9.2 7.0 10.6
138 18.1 14.6 21.8

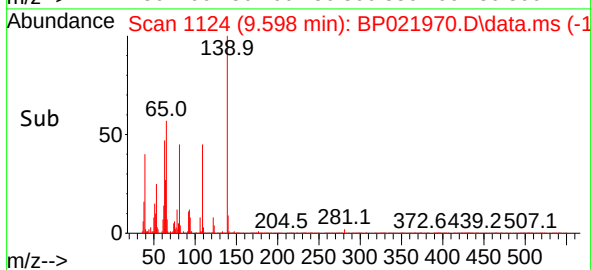
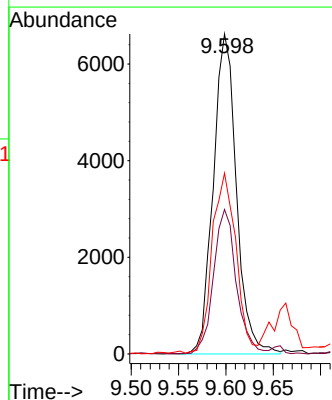
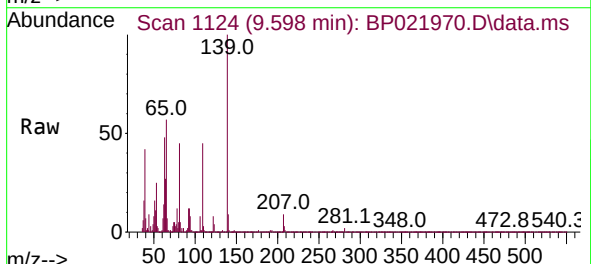
Manual Integrations
APPROVED

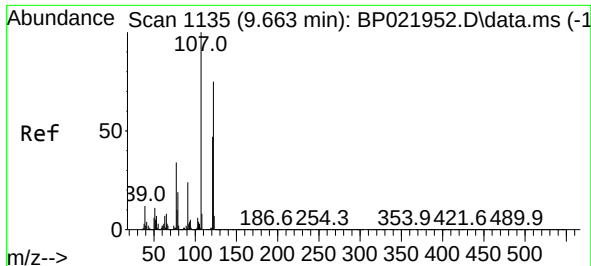
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#26
2-Nitrophenol
Concen: 3.176 ng
RT: 9.598 min Scan# 1124
Delta R.T. -0.000 min
Lab File: BP021970.D
Acq: 20 Sep 2024 16:50

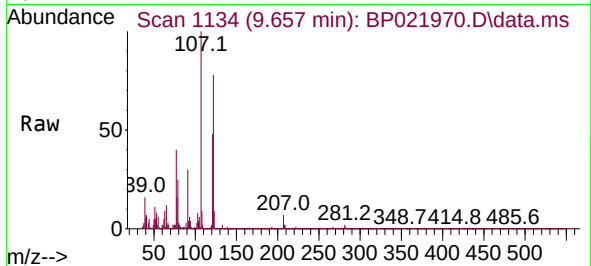
Tgt Ion:139 Resp: 11280
Ion Ratio Lower Upper
139 100
109 45.2 36.0 54.0
65 56.5 45.7 68.5





#27
2,4-Dimethylphenol
Concen: 2.507 ng
RT: 9.657 min Scan# 1135
Delta R.T. -0.006 min
Lab File: BP021970.D
Acq: 20 Sep 2024 16:50

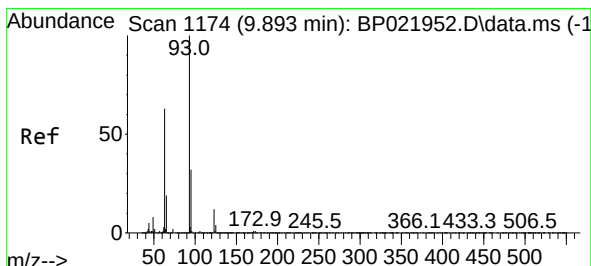
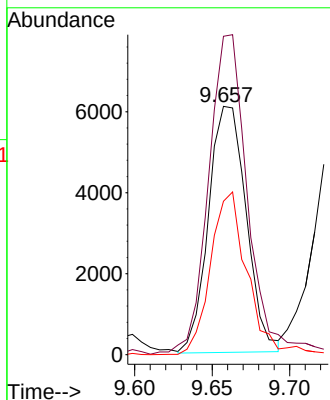
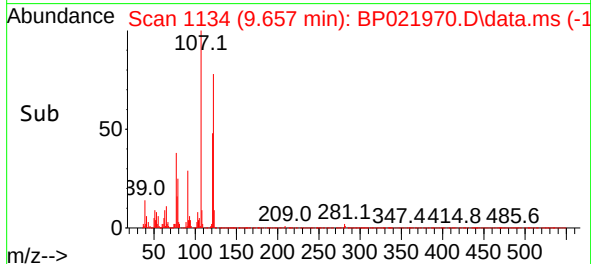
Instrument : BNA_P
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 122 Resp: 1031
Ion Ratio Lower Upper
122 100
107 128.2 106.1 159.1
121 61.8 49.6 74.4

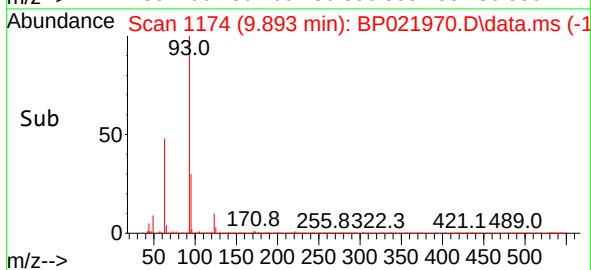
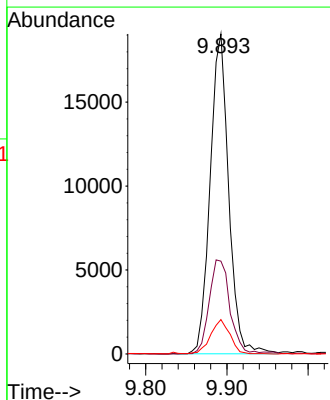
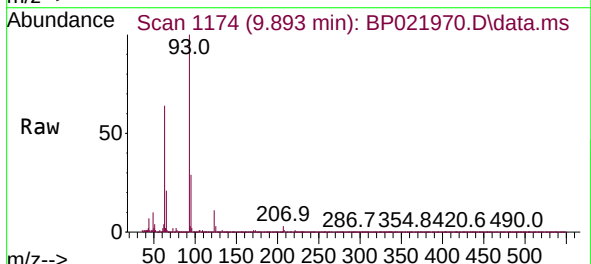
Manual Integrations
APPROVED

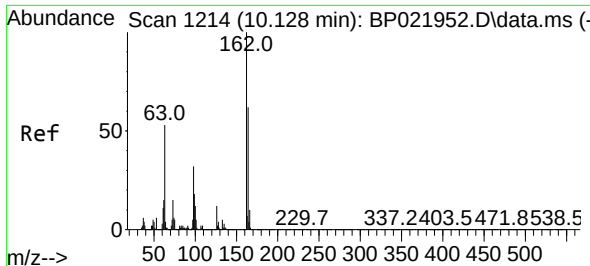
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#28
bis(2-Chloroethoxy)methane
Concen: 3.820 ng
RT: 9.893 min Scan# 1174
Delta R.T. -0.000 min
Lab File: BP021970.D
Acq: 20 Sep 2024 16:50

Tgt Ion: 93 Resp: 30203
Ion Ratio Lower Upper
93 100
95 29.0 25.7 38.5
123 10.8 9.4 14.0





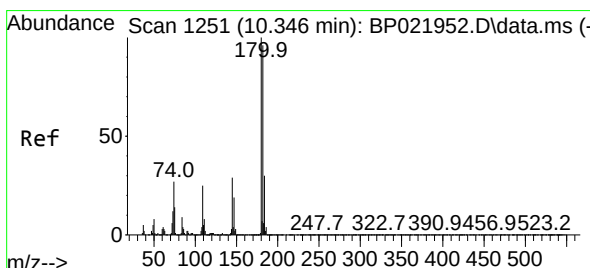
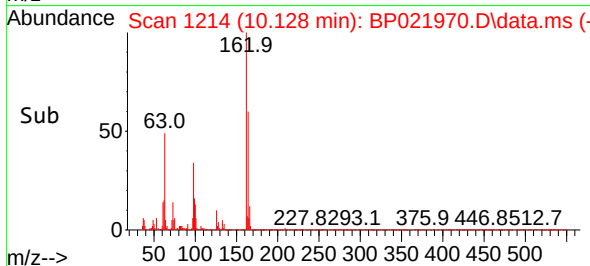
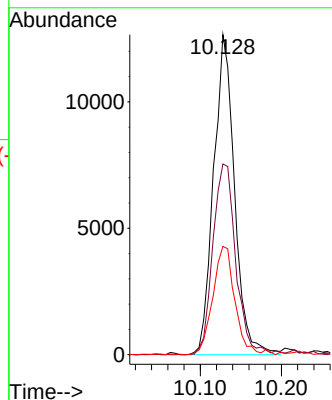
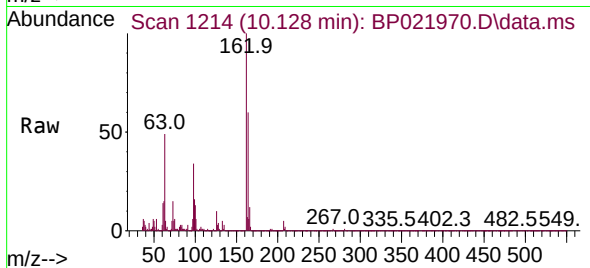
#29
2,4-Dichlorophenol
Concen: 3.252 ng
RT: 10.128 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BP021970.D
Acq: 20 Sep 2024 16:50

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

Tgt Ion:162 Resp: 22700
Ion Ratio Lower Upper
162 100
164 59.6 41.7 81.7
98 33.8 12.4 52.4

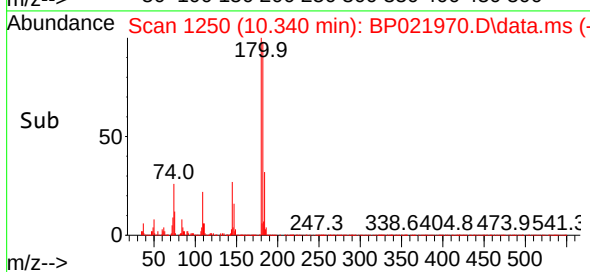
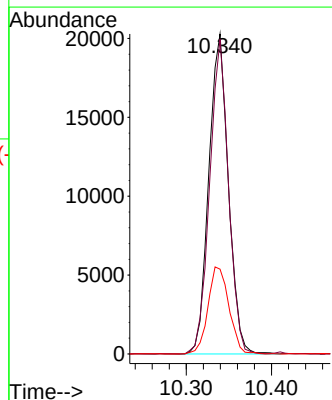
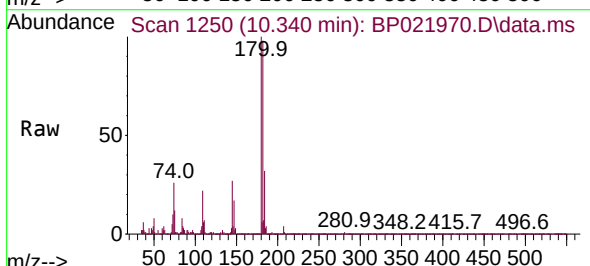
Manual Integrations
APPROVED

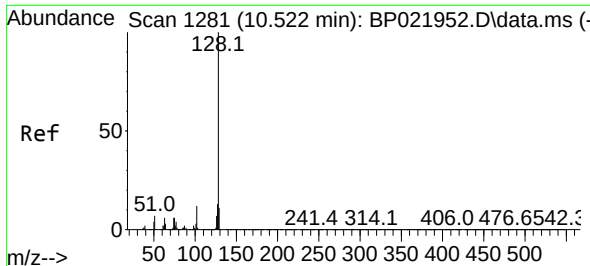
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#30
1,2,4-Trichlorobenzene
Concen: 3.721 ng
RT: 10.340 min Scan# 1250
Delta R.T. -0.006 min
Lab File: BP021970.D
Acq: 20 Sep 2024 16:50

Tgt Ion:180 Resp: 32355
Ion Ratio Lower Upper
180 100
182 98.3 77.0 115.4
145 26.5 23.0 34.6





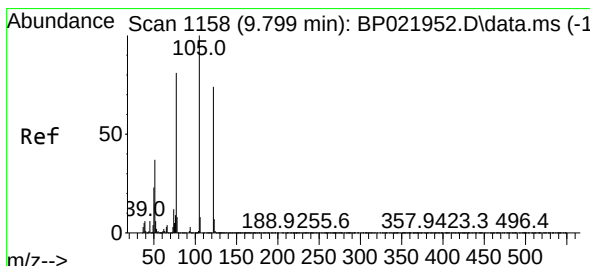
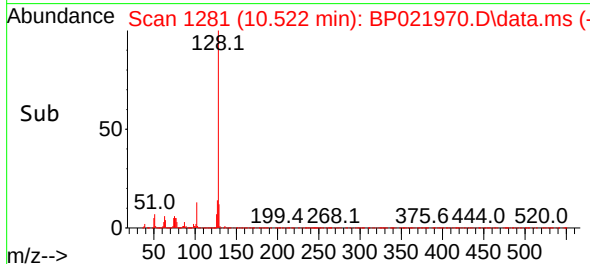
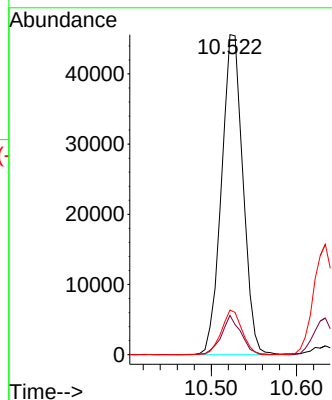
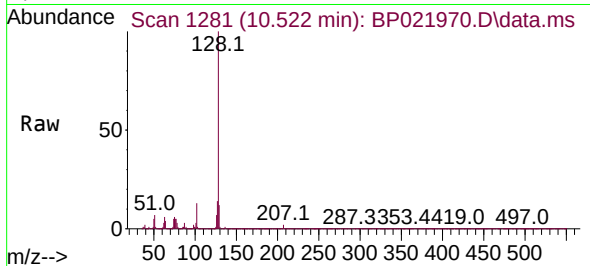
#31
Naphthalene
Concen: 3.776 ng
RT: 10.522 min Scan# 1145
Delta R.T. -0.000 min
Lab File: BP021970.D
Acq: 20 Sep 2024 16:50

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

Tgt Ion:128 Resp: 7976
Ion Ratio Lower Upper
128 100
129 12.3 8.6 13.0
127 13.9 10.6 15.8

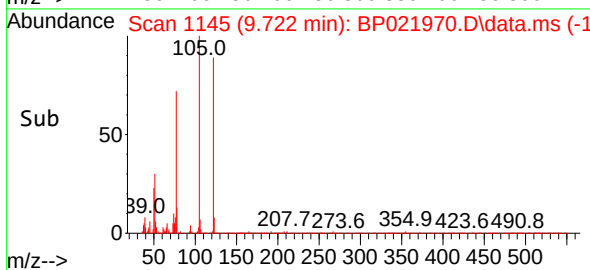
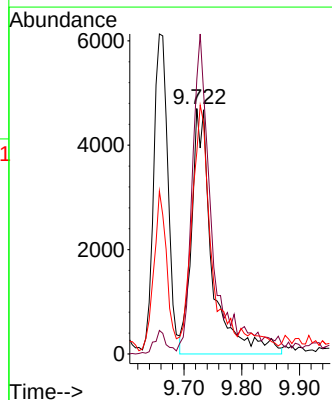
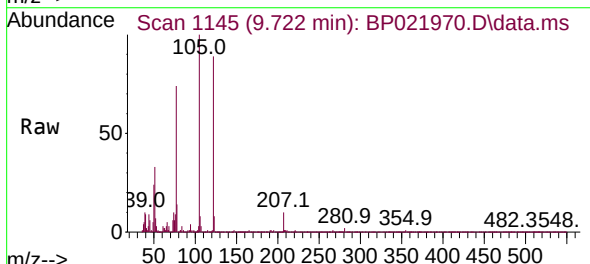
Manual Integrations
APPROVED

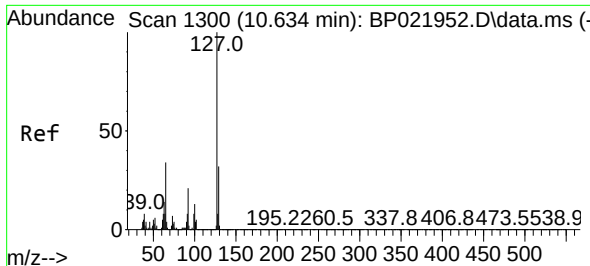
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#32
Benzoic acid
Concen: 2.434 ng m
RT: 9.722 min Scan# 1145
Delta R.T. -0.077 min
Lab File: BP021970.D
Acq: 20 Sep 2024 16:50

Tgt Ion:122 Resp: 11702
Ion Ratio Lower Upper
122 100
105 112.1 111.3 151.3
77 82.4 86.7 126.7#





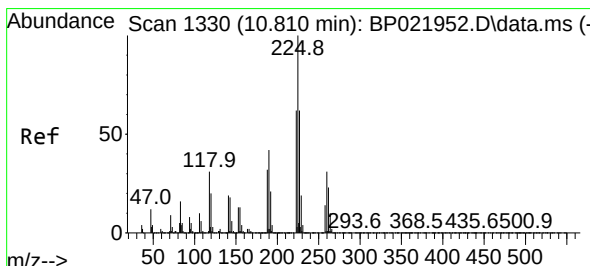
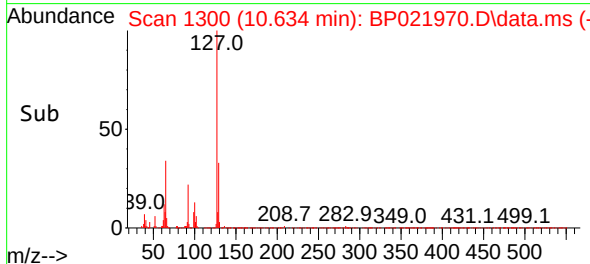
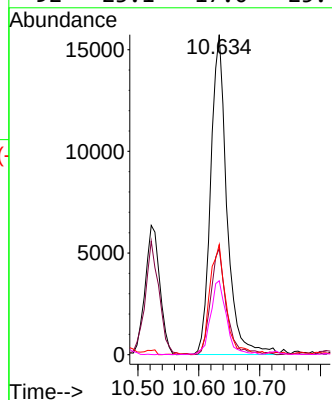
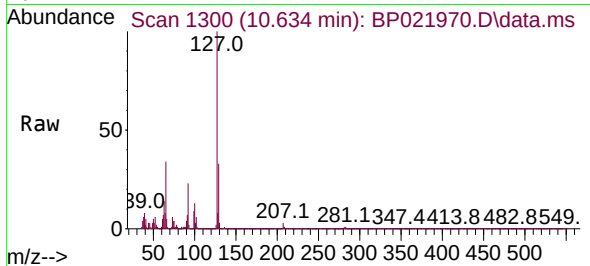
#33
4-Chloroaniline
Concen: 3.818 ng
RT: 10.634 min Scan# 1300
Delta R.T. -0.000 min
Lab File: BP021970.D
Acq: 20 Sep 2024 16:50

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

Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.4	38.0
65	34.4	27.4	41.2
92	23.1	17.0	25.4

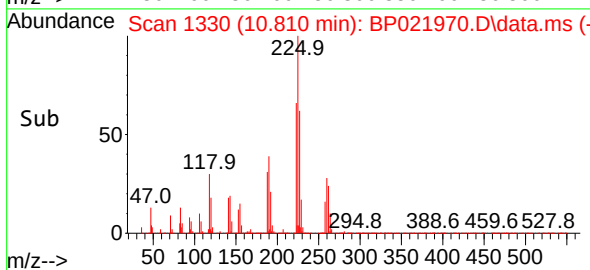
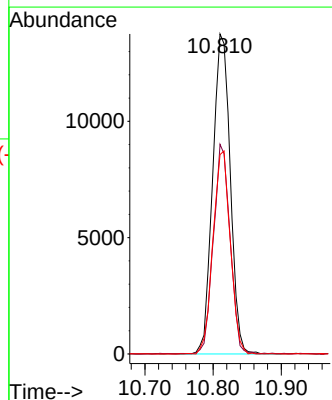
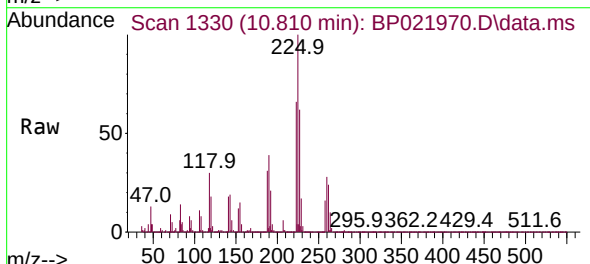
Manual Integrations
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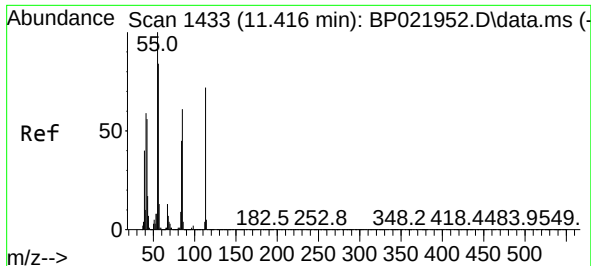
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#34
Hexachlorobutadiene
Concen: 3.627 ng
RT: 10.810 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BP021970.D
Acq: 20 Sep 2024 16:50

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.0	75.0
227	59.6	49.7	74.5





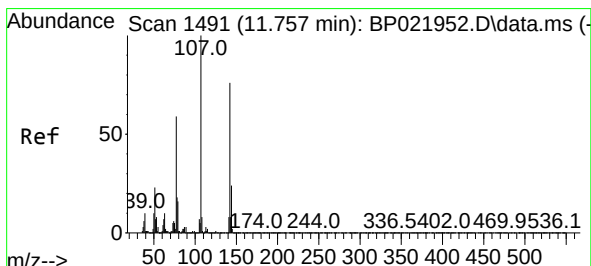
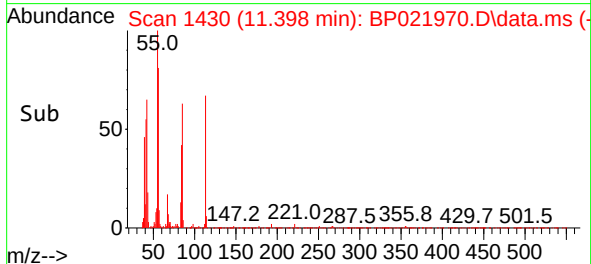
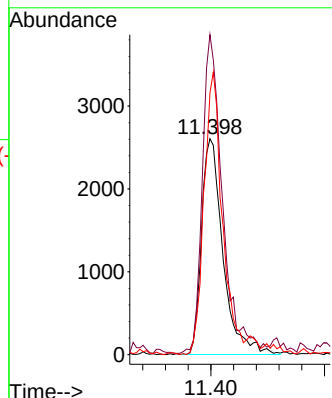
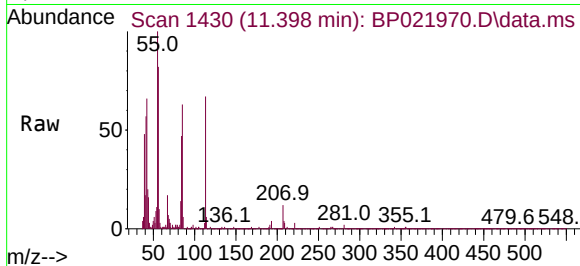
#35
Caprolactam
Concen: 3.282 ng
RT: 11.398 min Scan# 1433
Delta R.T. -0.018 min
Lab File: BP021970.D
Acq: 20 Sep 2024 16:50

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

Tgt Ion:113 Resp: 6819
Ion Ratio Lower Upper
113 100
55 148.2 119.4 159.4
56 121.2 97.1 137.1

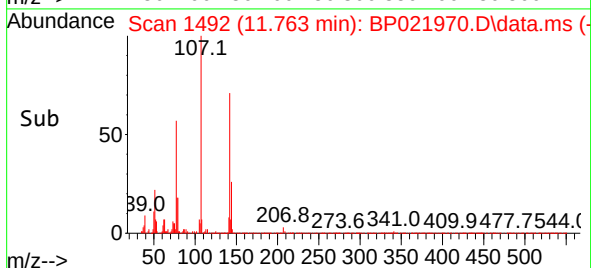
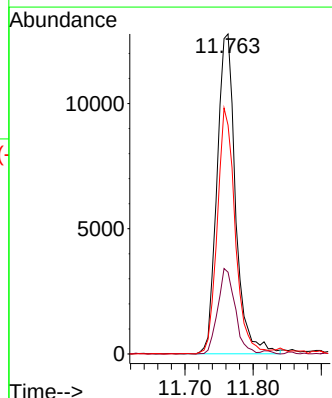
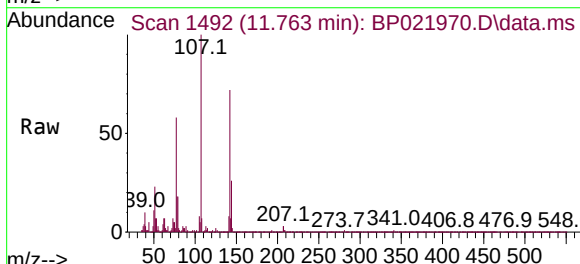
Manual Integrations
APPROVED

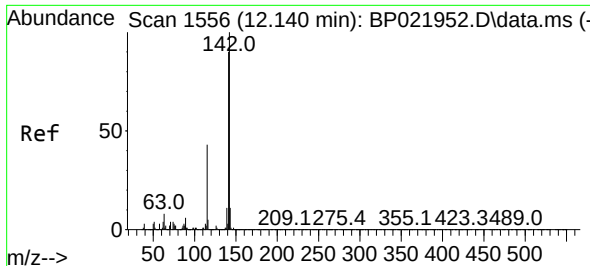
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#36
4-Chloro-3-methylphenol
Concen: 3.236 ng
RT: 11.763 min Scan# 1492
Delta R.T. 0.006 min
Lab File: BP021970.D
Acq: 20 Sep 2024 16:50

Tgt Ion:107 Resp: 24234
Ion Ratio Lower Upper
107 100
144 25.6 19.0 28.4
142 71.5 60.4 90.6





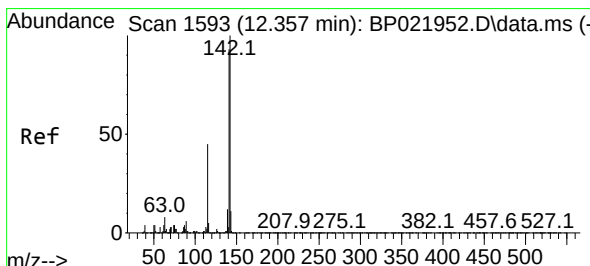
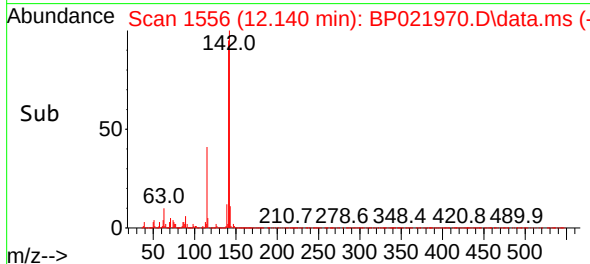
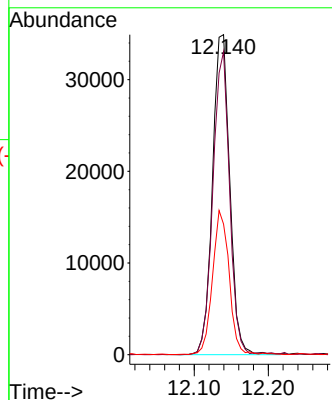
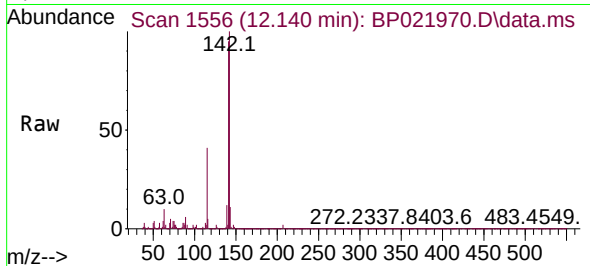
#37
2-Methylnaphthalene
Concen: 3.664 ng
RT: 12.140 min Scan# 1556
Delta R.T. -0.000 min
Lab File: BP021970.D
Acq: 20 Sep 2024 16:50

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

Tgt Ion:142 Resp: 5662
Ion Ratio Lower Upper
142 100
141 94.7 71.7 107.5
115 40.8 34.6 51.8

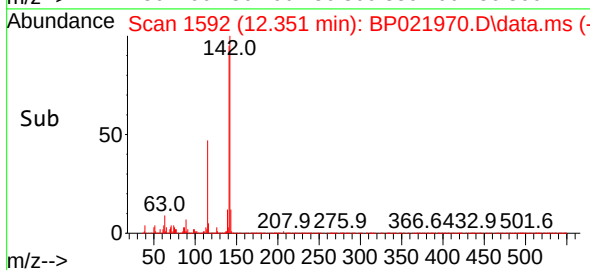
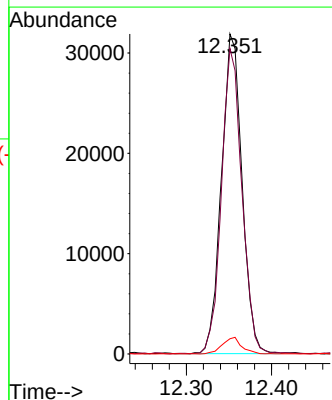
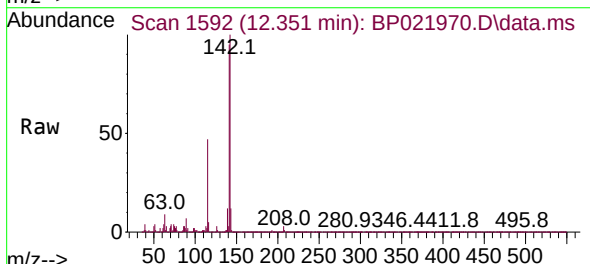
Manual Integrations
APPROVED

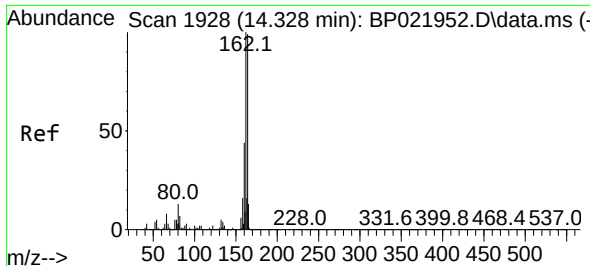
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#38
1-Methylnaphthalene
Concen: 3.511 ng
RT: 12.351 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BP021970.D
Acq: 20 Sep 2024 16:50

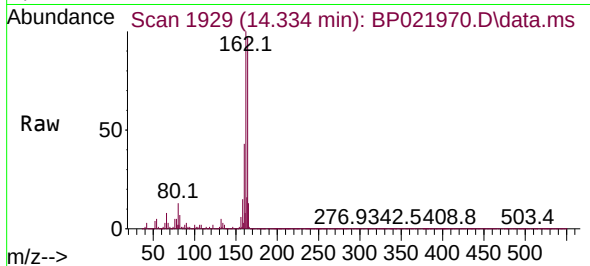
Tgt Ion:142 Resp: 53564
Ion Ratio Lower Upper
142 100
141 95.5 74.1 111.1
116 4.7 3.8 5.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.334 min Scan# 1928
Delta R.T. 0.006 min
Lab File: BP021970.D
Acq: 20 Sep 2024 16:50

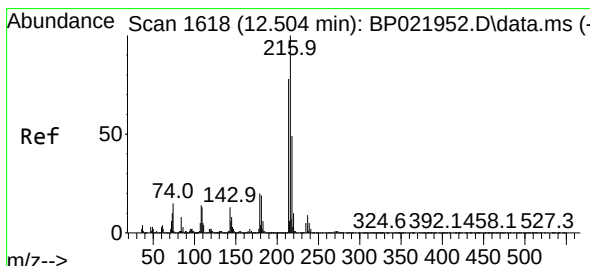
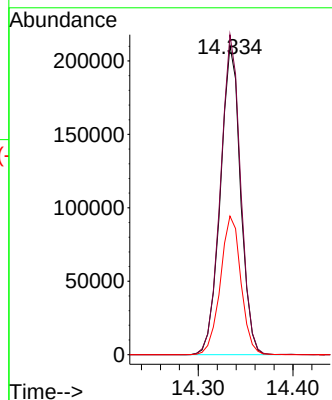
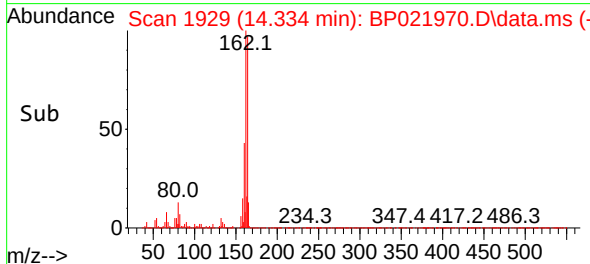
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion:164 Resp: 31114
Ion Ratio Lower Upper
164 100
162 103.5 81.2 121.8
160 44.8 35.9 53.9

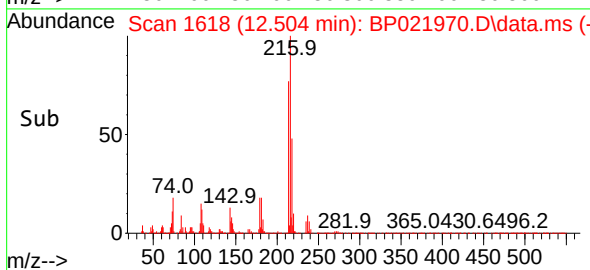
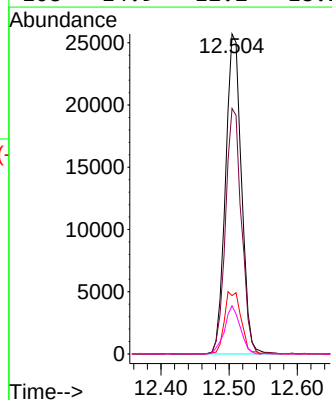
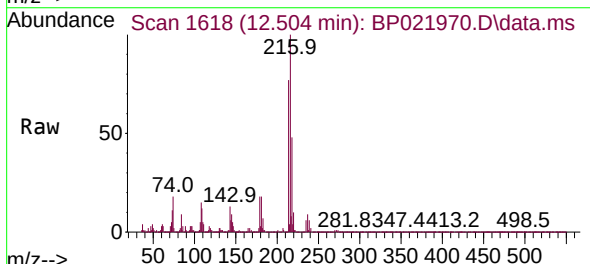
Manual Integrations
APPROVED

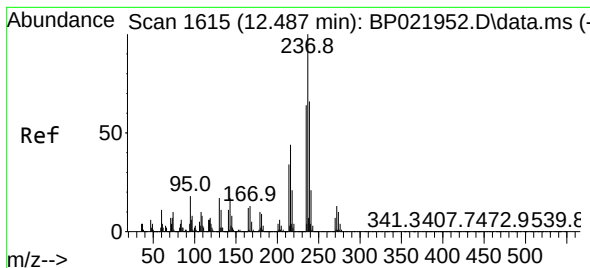
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.828 ng
RT: 12.504 min Scan# 1618
Delta R.T. -0.000 min
Lab File: BP021970.D
Acq: 20 Sep 2024 16:50

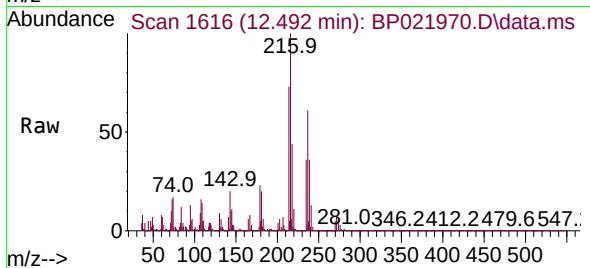
Tgt Ion:216 Resp: 41666
Ion Ratio Lower Upper
216 100
214 76.9 62.8 94.2
179 20.6 16.4 24.6
108 14.9 12.2 18.2





#41
Hexachlorocyclopentadiene
Concen: 2.446 ng
RT: 12.492 min Scan# 1615
Delta R.T. 0.006 min
Lab File: BP021970.D
Acq: 20 Sep 2024 16:50

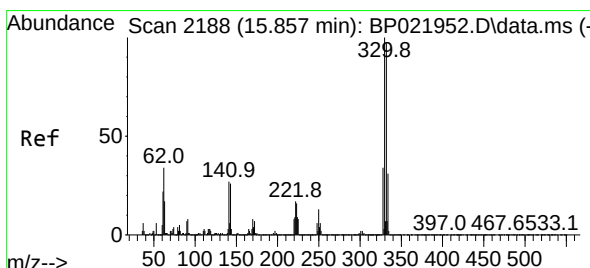
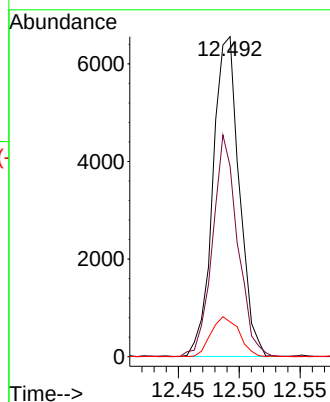
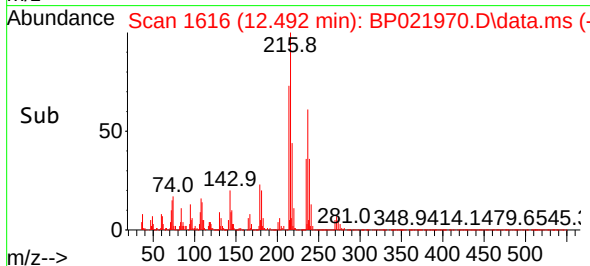
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



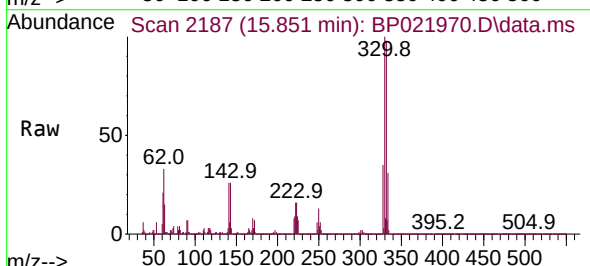
Tgt Ion: 237 Resp: 989
Ion Ratio Lower Upper
237 100
235 59.5 44.1 84.1
272 10.8 0.0 33.1

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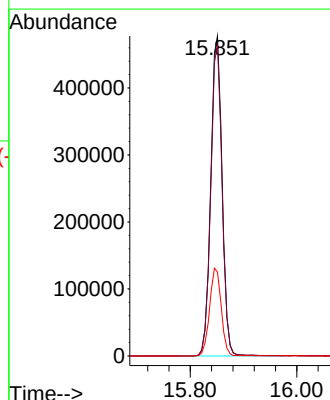
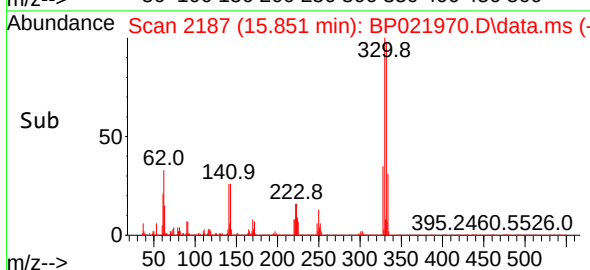
Reviewed By : Jagrut Upadhyay 09/20/2024
Supervised By : mohammad ahmed 09/24/2024

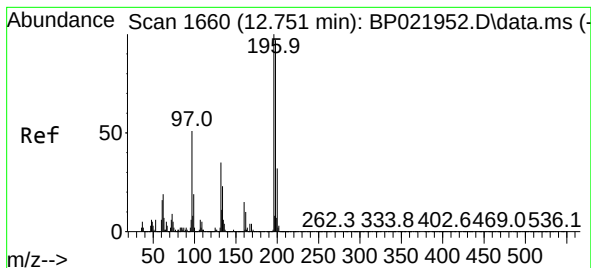


#42
2,4,6-Tribromophenol
Concen: 122.850 ng
RT: 15.851 min Scan# 2187
Delta R.T. -0.006 min
Lab File: BP021970.D
Acq: 20 Sep 2024 16:50



Tgt Ion: 330 Resp: 708631
Ion Ratio Lower Upper
330 100
332 96.6 77.5 116.3
141 28.1 23.4 35.0





#43

2,4,6-Trichlorophenol

Concen: 3.435 ng

RT: 12.745 min Scan# 1659

Delta R.T. -0.006 min

Lab File: BP021970.D

Acq: 20 Sep 2024 16:50

Instrument :

BNA_P

ClientSampleId :

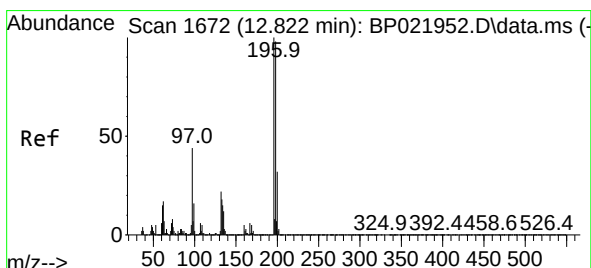
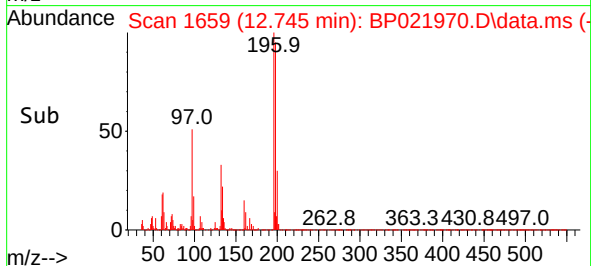
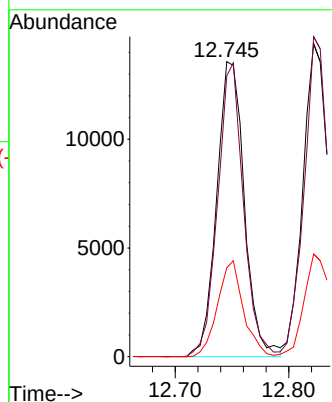
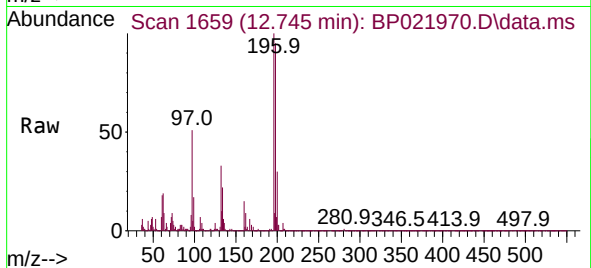
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:196	Resp:	2295
Ion Ratio	Lower	Upper
196	100	
198	95.2	77.6 116.4
200	30.1	25.8 38.6

Manual Integrations

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



#44

2,4,5-Trichlorophenol

Concen: 3.226 ng

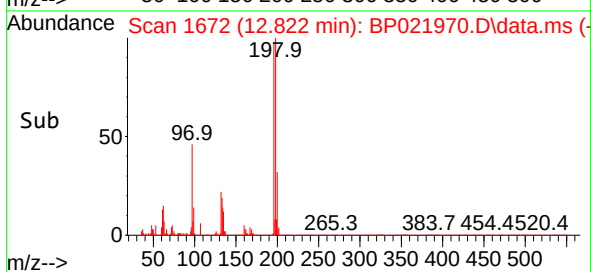
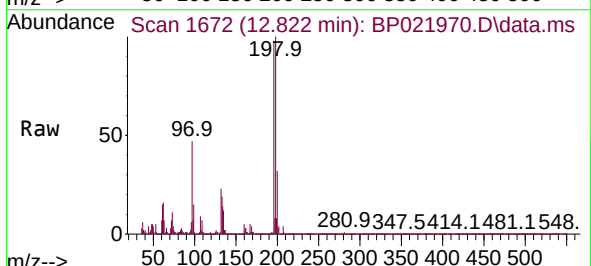
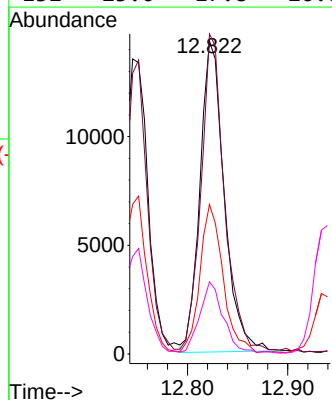
RT: 12.822 min Scan# 1672

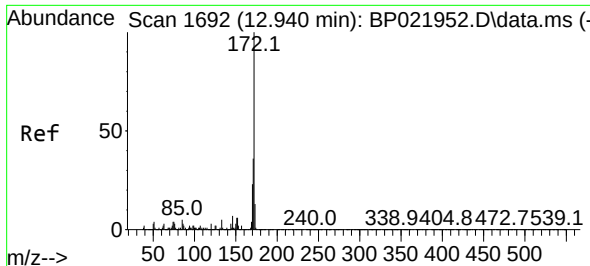
Delta R.T. -0.000 min

Lab File: BP021970.D

Acq: 20 Sep 2024 16:50

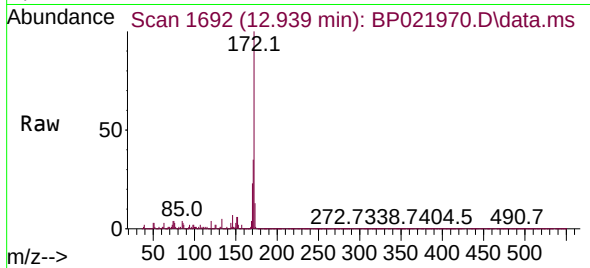
Tgt Ion:196	Resp:	24182
Ion Ratio	Lower	Upper
196	100	
198	102.3	78.2 117.4
97	47.8	35.0 52.4
132	23.0	17.8 26.8





#45
2-Fluorobiphenyl
Concen: 79.314 ng
RT: 12.939 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BP021970.D
Acq: 20 Sep 2024 16:50

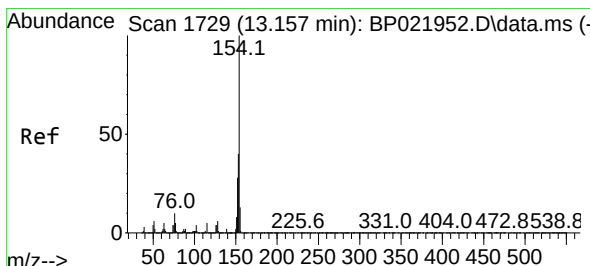
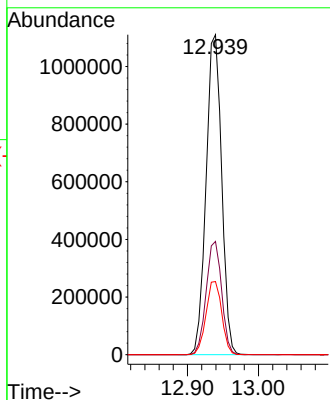
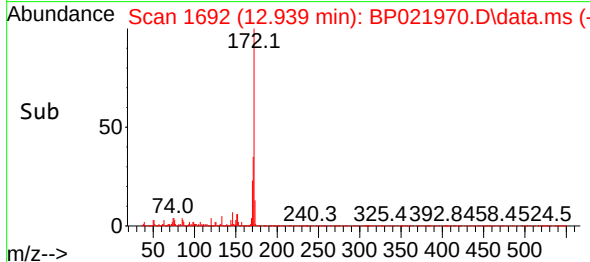
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



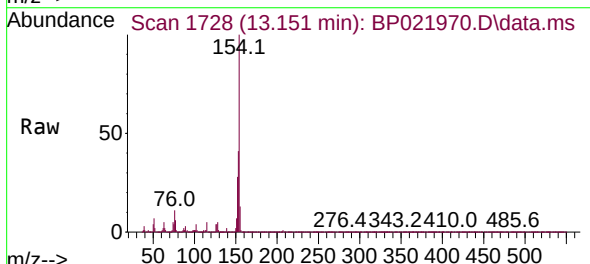
Tgt Ion:172 Resp: 169055
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 22.8 18.8 28.2

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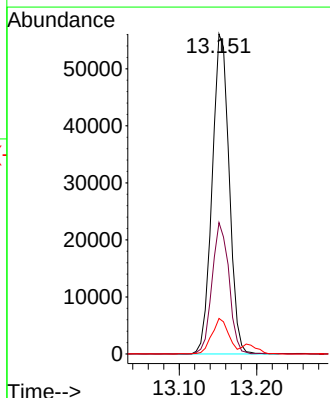
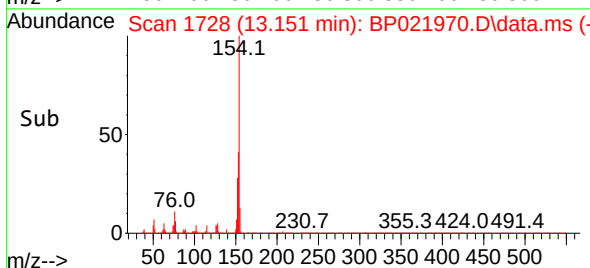
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024

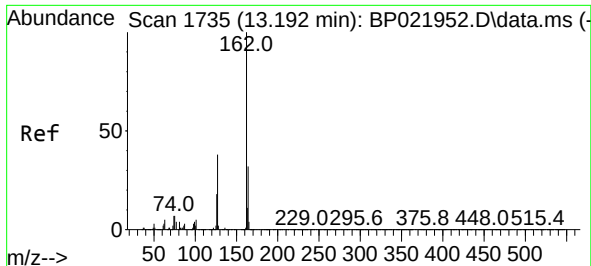


#46
1,1'-Biphenyl
Concen: 4.024 ng
RT: 13.151 min Scan# 1728
Delta R.T. -0.006 min
Lab File: BP021970.D
Acq: 20 Sep 2024 16:50



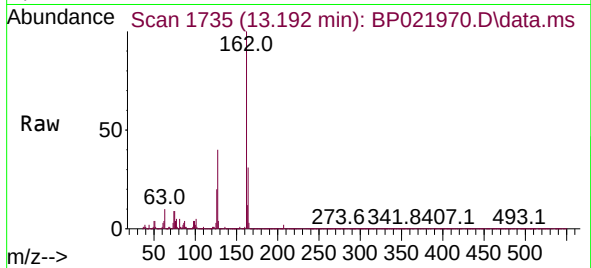
Tgt Ion:154 Resp: 85372
Ion Ratio Lower Upper
154 100
153 41.0 20.2 60.2
76 11.1 0.0 29.9





#47
2-Chloronaphthalene
Concen: 3.669 ng
RT: 13.192 min Scan# 1735
Delta R.T. -0.000 min
Lab File: BP021970.D
Acq: 20 Sep 2024 16:50

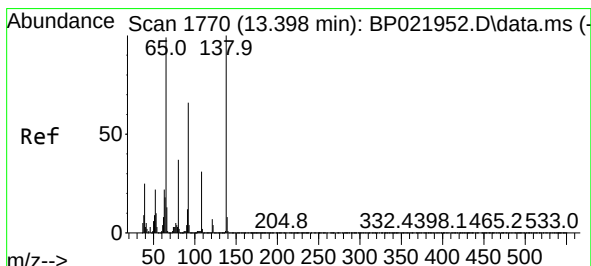
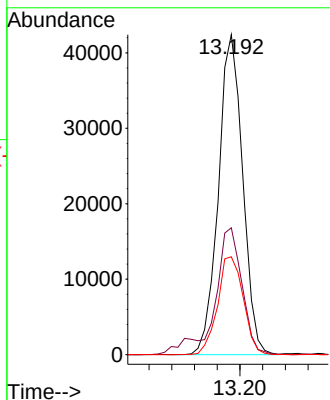
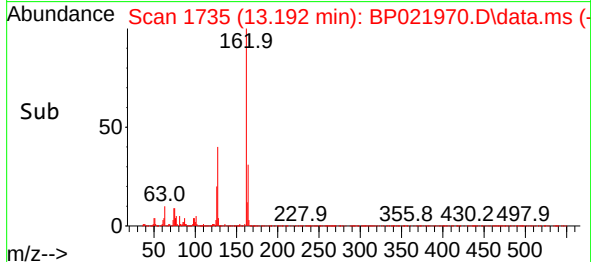
Instrument : BNA_P
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



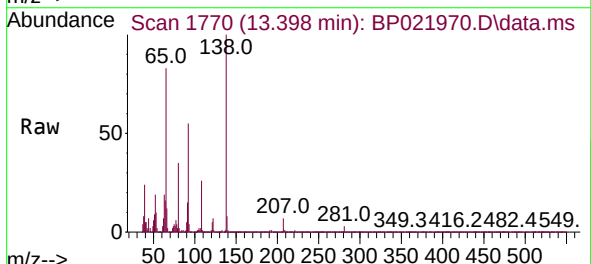
Tgt Ion: 162 Resp: 62934
Ion Ratio Lower Upper
162 100
127 39.6 31.7 47.5
164 30.6 25.9 38.9

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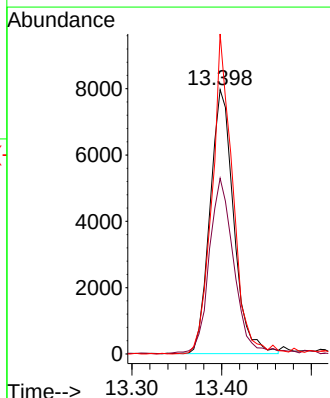
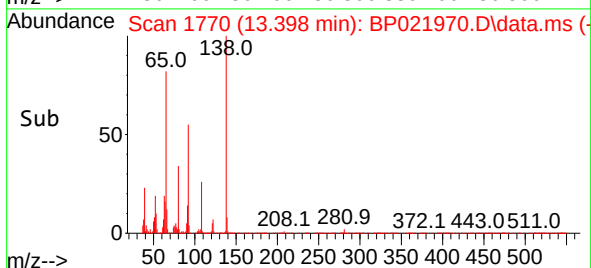
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024

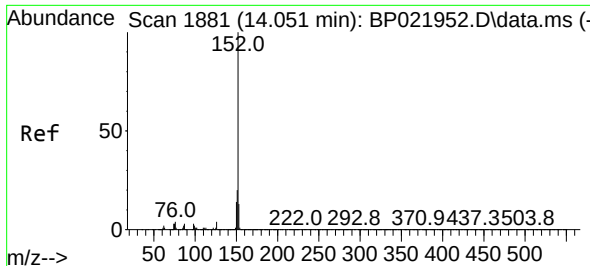


#48
2-Nitroaniline
Concen: 3.115 ng
RT: 13.398 min Scan# 1770
Delta R.T. -0.000 min
Lab File: BP021970.D
Acq: 20 Sep 2024 16:50



Tgt Ion: 65 Resp: 14593
Ion Ratio Lower Upper
65 100
92 66.5 53.2 79.8
138 121.1 81.1 121.7





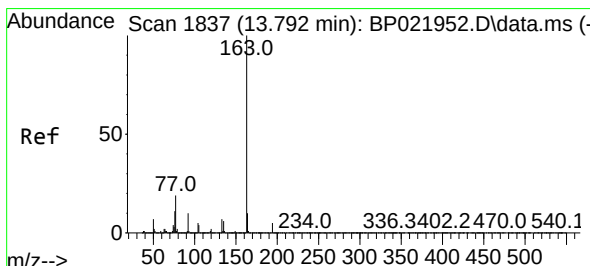
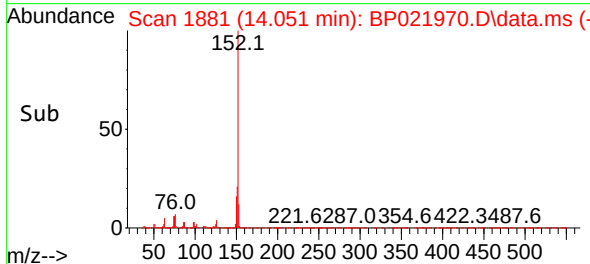
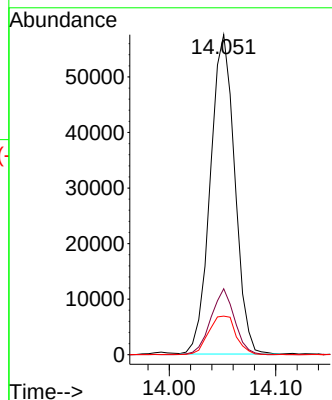
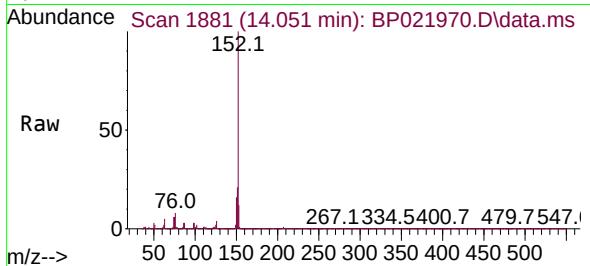
#49
Acenaphthylene
Concen: 3.777 ng
RT: 14.051 min Scan# 1881
Delta R.T. -0.000 min
Lab File: BP021970.D
Acq: 20 Sep 2024 16:50

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

Tgt Ion:152 Resp: 91430
Ion Ratio Lower Upper
152 100
151 20.6 16.0 24.0
153 12.0 10.8 16.2

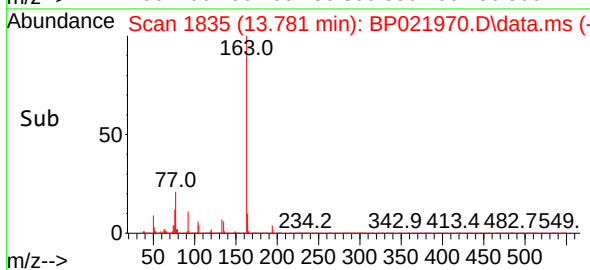
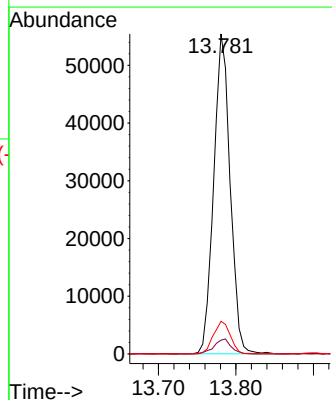
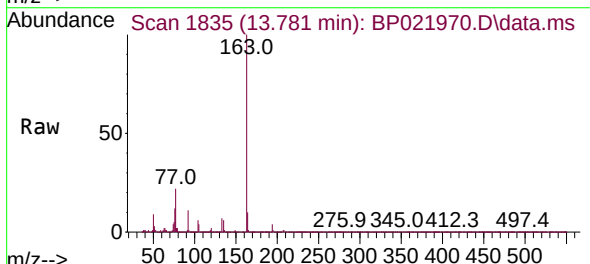
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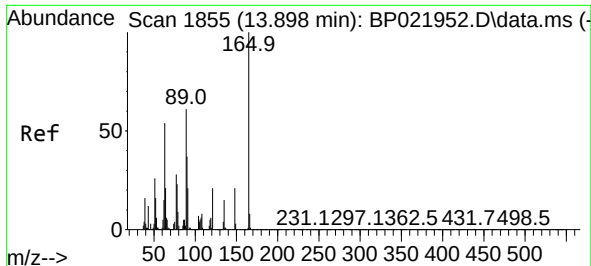
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#50
Dimethylphthalate
Concen: 3.633 ng
RT: 13.781 min Scan# 1835
Delta R.T. -0.012 min
Lab File: BP021970.D
Acq: 20 Sep 2024 16:50

Tgt Ion:163 Resp: 81983
Ion Ratio Lower Upper
163 100
194 4.3 3.6 5.4
164 10.2 8.0 12.0





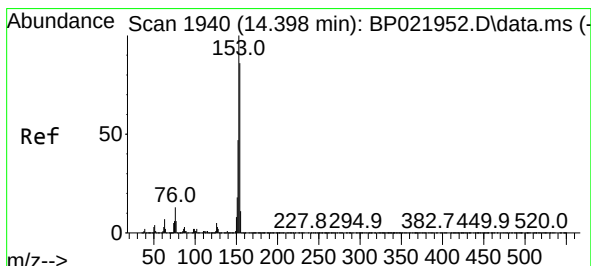
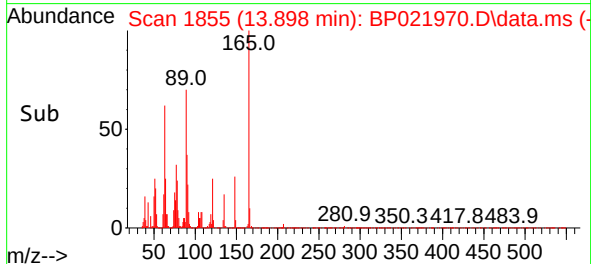
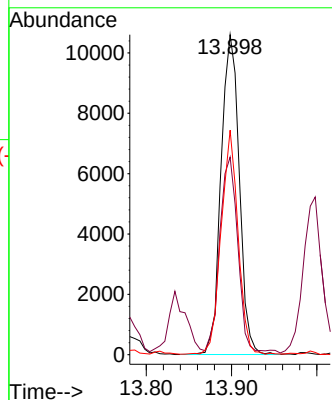
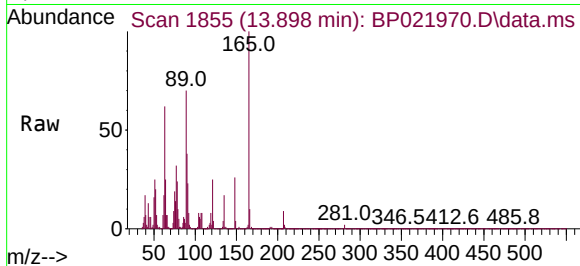
#51
2,6-Dinitrotoluene
Concen: 3.131 ng
RT: 13.898 min Scan# 1855
Delta R.T. -0.000 min
Lab File: BP021970.D
Acq: 20 Sep 2024 16:50

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

Tgt Ion	Ratio	Lower	Upper
165	100		
63	61.7	46.4	69.6
89	70.1	48.5	72.7

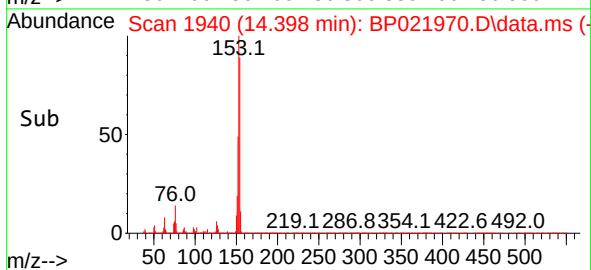
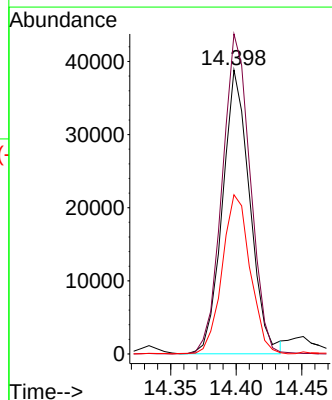
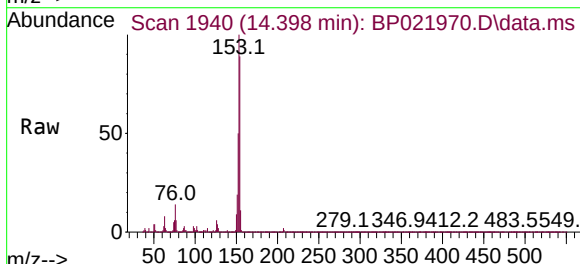
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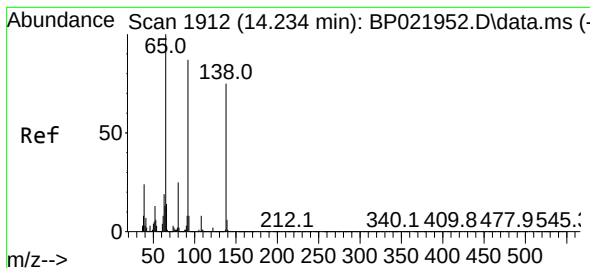
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#52
Acenaphthene
Concen: 3.571 ng
RT: 14.398 min Scan# 1940
Delta R.T. -0.000 min
Lab File: BP021970.D
Acq: 20 Sep 2024 16:50

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.6	92.7	139.1
152	56.1	43.6	65.4





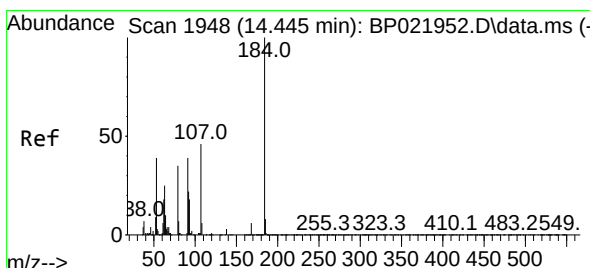
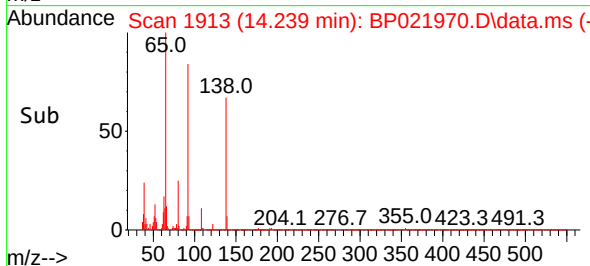
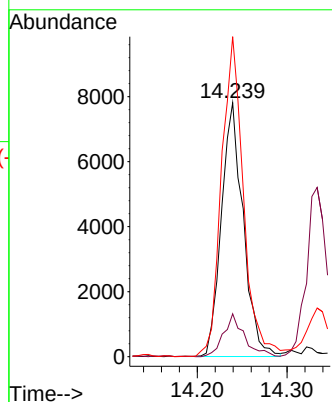
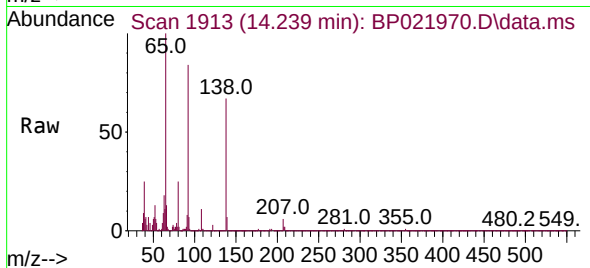
#53
3-Nitroaniline
Concen: 2.936 ng
RT: 14.239 min Scan# 1912
Delta R.T. 0.006 min
Lab File: BP021970.D
Acq: 20 Sep 2024 16:50

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

Tgt Ion:138 Resp: 13160
Ion Ratio Lower Upper
138 100
108 16.9 9.0 13.4
92 126.0 92.8 139.2

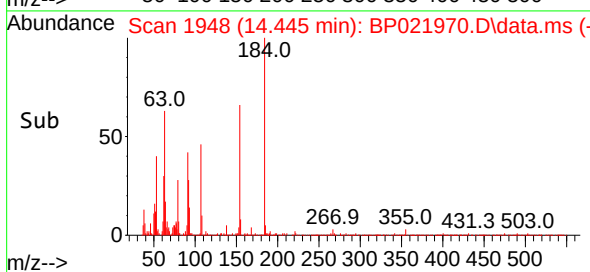
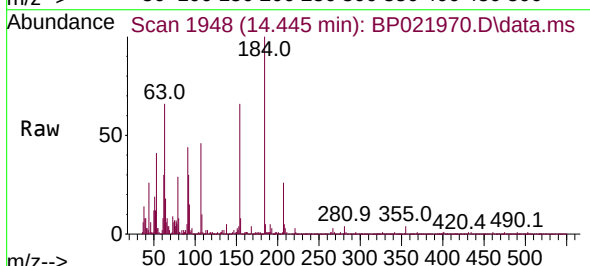
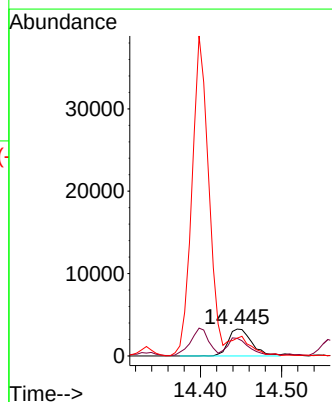
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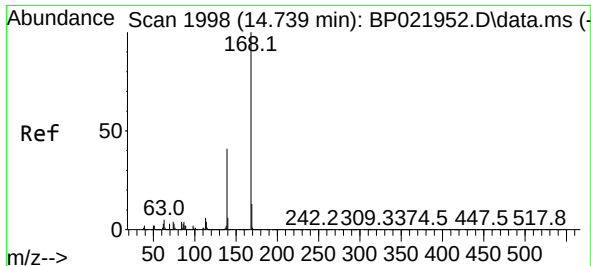
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#54
2,4-Dinitrophenol
Concen: 2.219 ng
RT: 14.445 min Scan# 1948
Delta R.T. -0.000 min
Lab File: BP021970.D
Acq: 20 Sep 2024 16:50

Tgt Ion:184 Resp: 6538
Ion Ratio Lower Upper
184 100
63 65.5 49.0 73.6
154 66.0 58.1 87.1





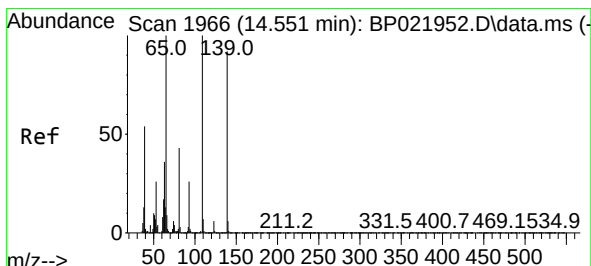
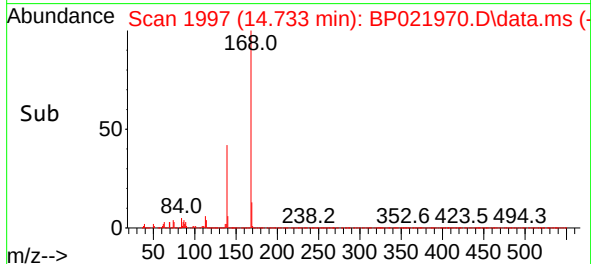
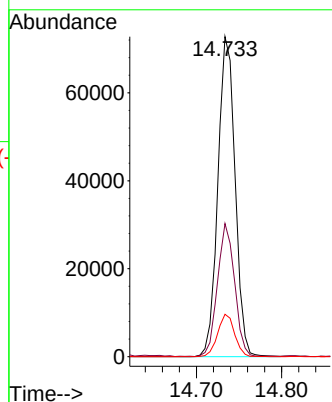
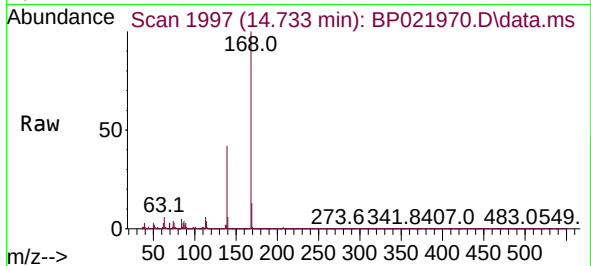
#55
Dibenzenofuran
Concen: 3.855 ng
RT: 14.733 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BP021970.D
Acq: 20 Sep 2024 16:50

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

Tgt Ion:168 Resp: 10209
Ion Ratio Lower Upper
168 100
139 41.6 33.0 49.4
169 13.2 10.7 16.1

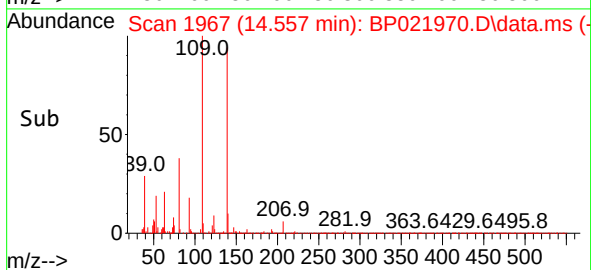
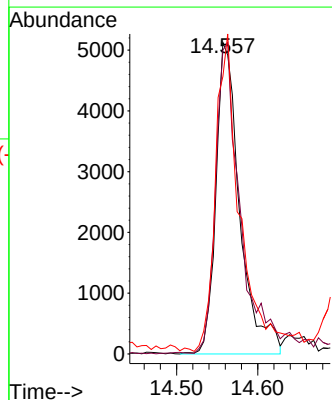
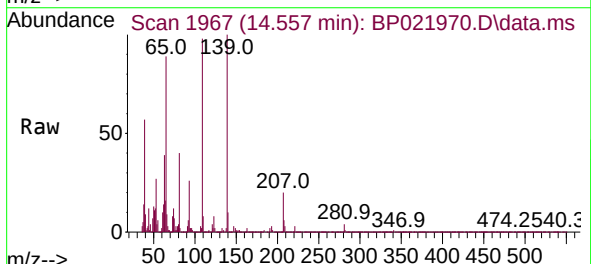
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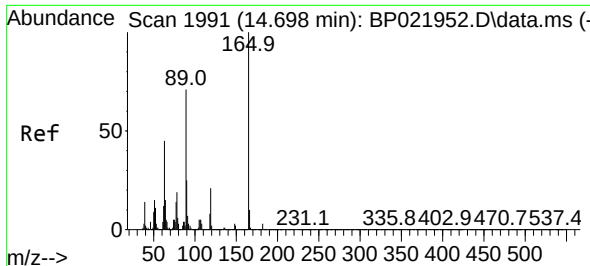
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#56
4-Nitrophenol
Concen: 2.691 ng
RT: 14.557 min Scan# 1967
Delta R.T. 0.006 min
Lab File: BP021970.D
Acq: 20 Sep 2024 16:50

Tgt Ion:139 Resp: 10496
Ion Ratio Lower Upper
139 100
109 97.6 88.6 128.6
65 89.2 88.7 128.7





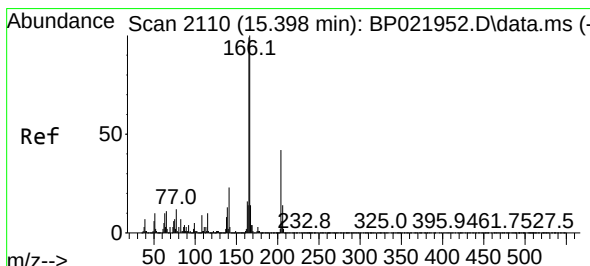
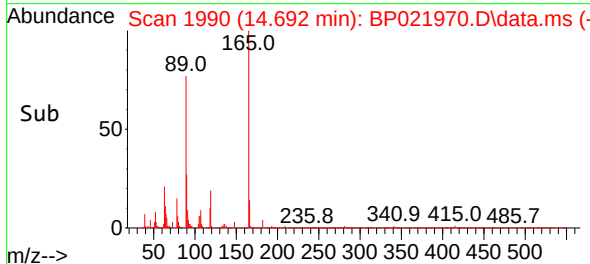
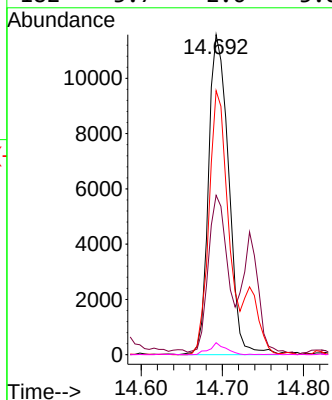
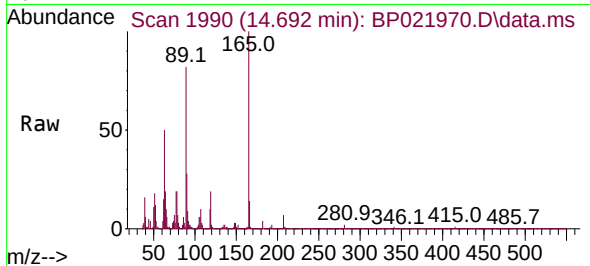
#57
2,4-Dinitrotoluene
Concen: 2.801 ng
RT: 14.692 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BP021970.D
Acq: 20 Sep 2024 16:50

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

Tgt Ion	165	Resp	1991
Ion Ratio	Lower	Upper	
165	100		
63	49.8	36.3	54.5
89	82.5	57.2	85.8
182	3.7	2.6	3.8

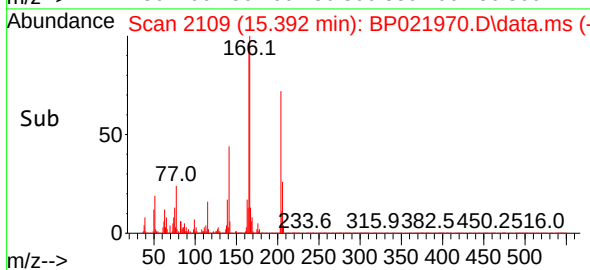
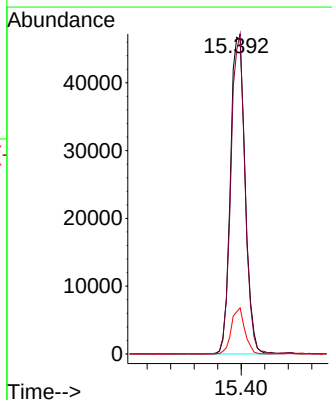
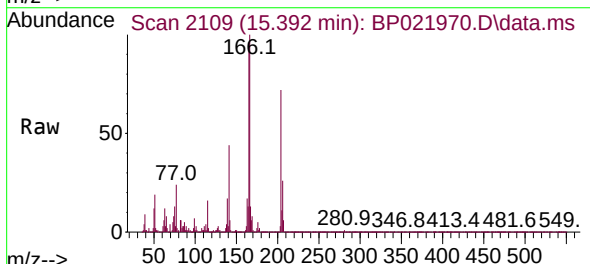
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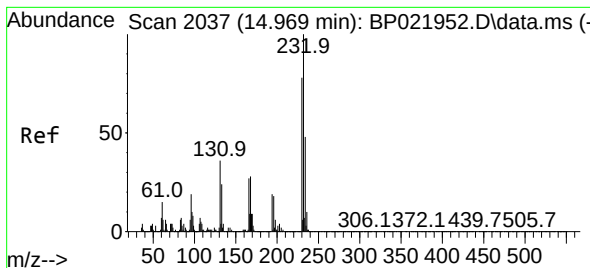
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#58
Fluorene
Concen: 3.683 ng
RT: 15.392 min Scan# 2109
Delta R.T. -0.006 min
Lab File: BP021970.D
Acq: 20 Sep 2024 16:50

Tgt Ion	166	Resp	81449
Ion Ratio	Lower	Upper	
166	100		
165	96.1	79.4	119.2
167	13.3	10.9	16.3





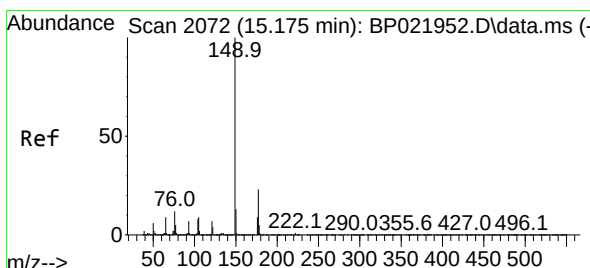
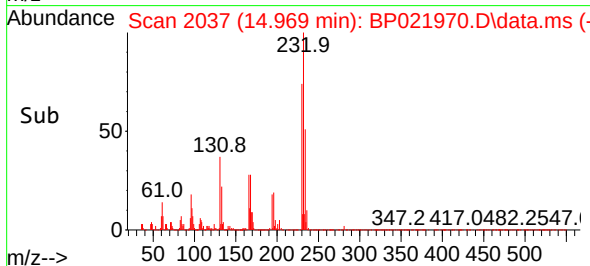
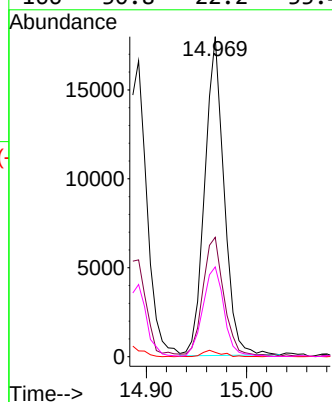
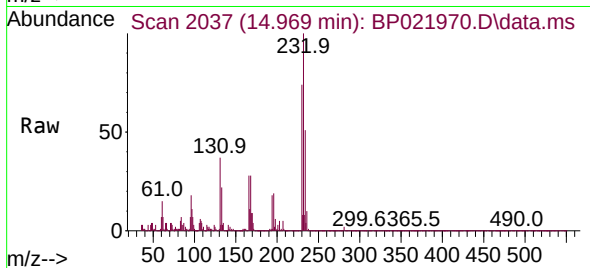
#59
2,3,4,6-Tetrachlorophenol
Concen: 3.332 ng
RT: 14.969 min Scan# 2037
Delta R.T. -0.000 min
Lab File: BP021970.D
Acq: 20 Sep 2024 16:50

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

Tgt Ion	Ratio	Lower	Upper
232	100		
131	40.8	30.2	45.4
130	2.0	1.9	2.9
166	30.8	22.2	33.4

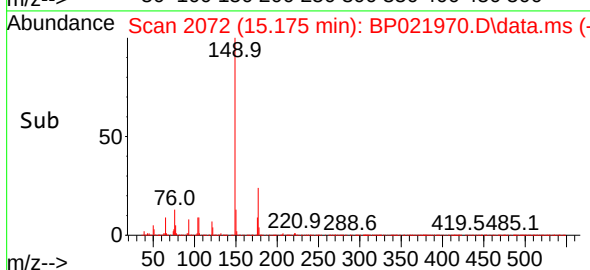
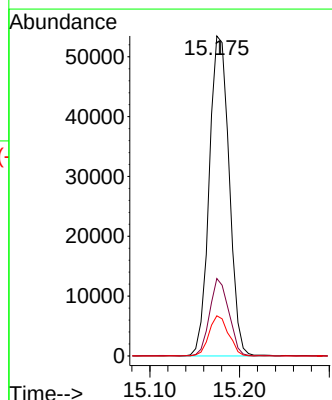
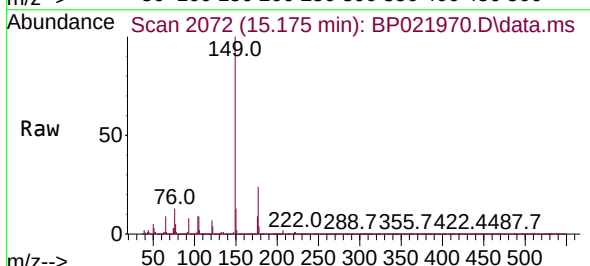
Manual Integrations
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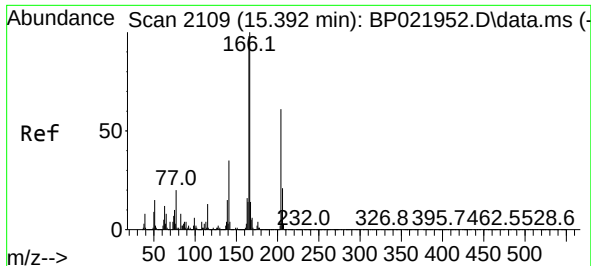
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#60
Diethylphthalate
Concen: 3.594 ng
RT: 15.175 min Scan# 2072
Delta R.T. -0.000 min
Lab File: BP021970.D
Acq: 20 Sep 2024 16:50

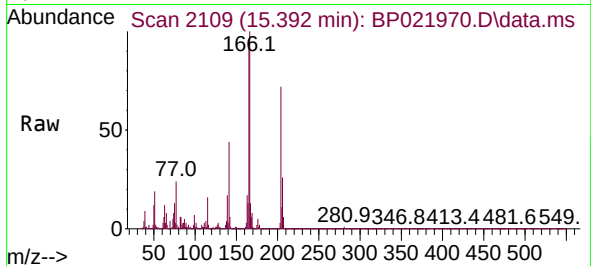
Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.2	18.2	27.4
150	12.6	10.1	15.1





#61
4-Chlorophenyl-phenylether
Concen: 3.635 ng
RT: 15.392 min Scan# 2109
Delta R.T. -0.000 min
Lab File: BP021970.D
Acq: 20 Sep 2024 16:50

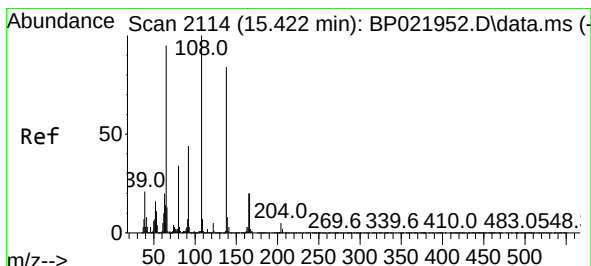
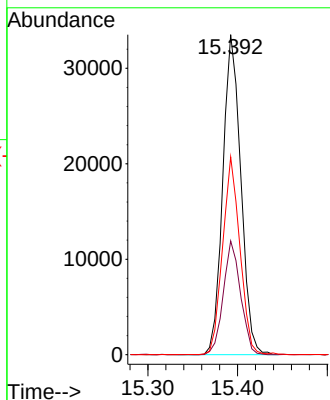
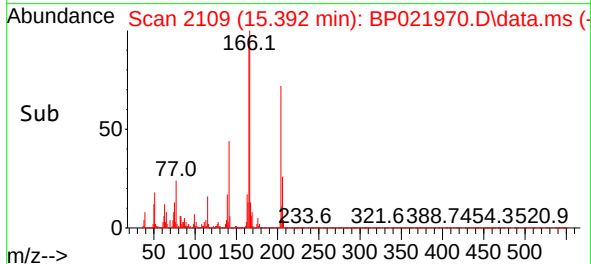
Instrument : BNA_P
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



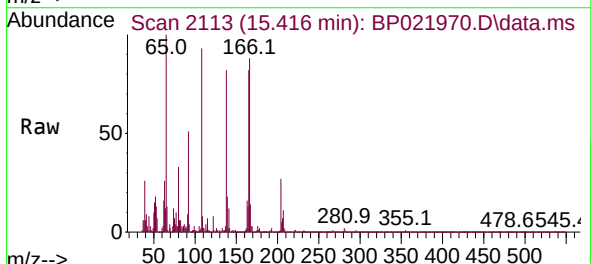
Tgt Ion:204 Resp: 4679
Ion Ratio Lower Upper
204 100
206 35.6 27.3 40.9
141 61.8 45.7 68.5

Manual Integrations
APPROVED

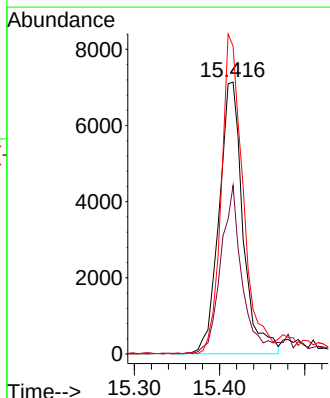
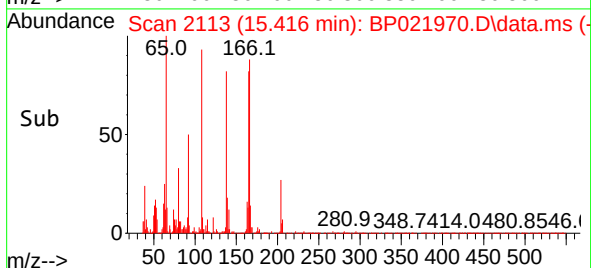
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024

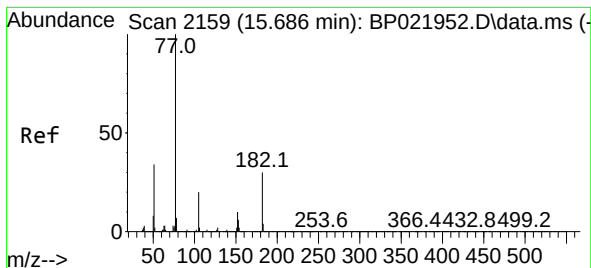


#62
4-Nitroaniline
Concen: 2.818 ng
RT: 15.416 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BP021970.D
Acq: 20 Sep 2024 16:50



Tgt Ion:138 Resp: 13888
Ion Ratio Lower Upper
138 100
92 62.0 32.6 72.6
108 113.2 98.6 138.6





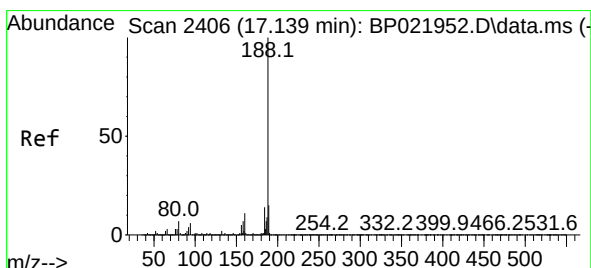
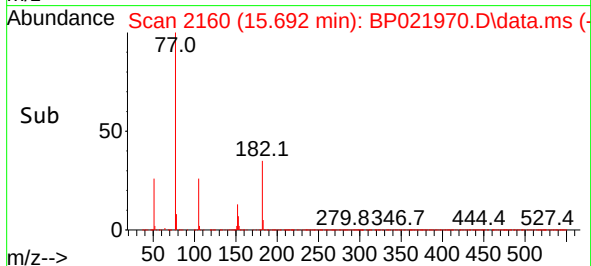
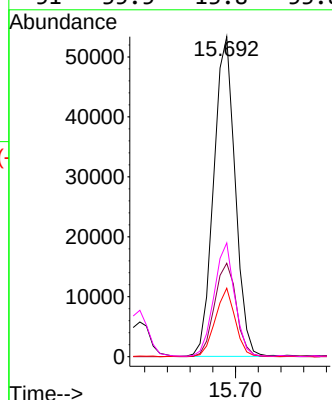
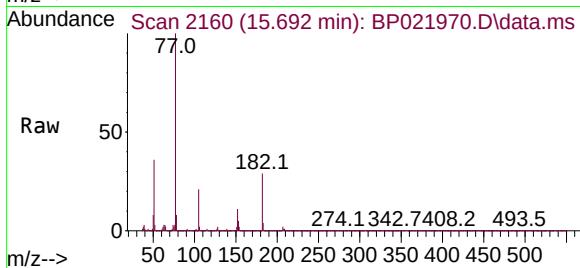
#63
Azobenzene
Concen: 3.686 ng
RT: 15.692 min Scan# 2159
Delta R.T. 0.006 min
Lab File: BP021970.D
Acq: 20 Sep 2024 16:50

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

Tgt Ion: 77	Resp: 6995
Ion Ratio	Lower Upper
77 100	
182 29.2	9.6 49.6
105 21.4	0.0 39.8
51 35.5	13.8 53.8

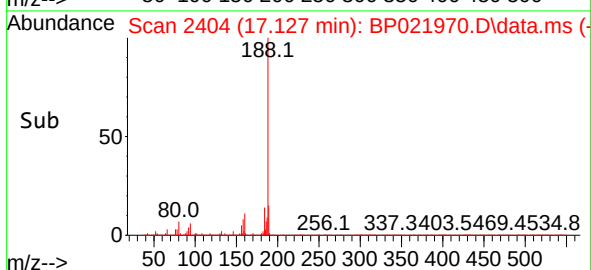
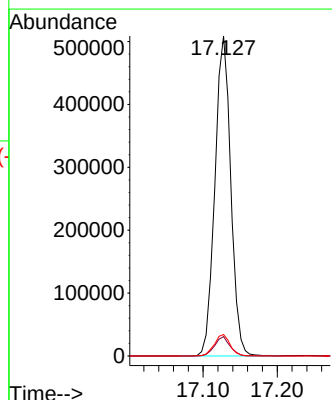
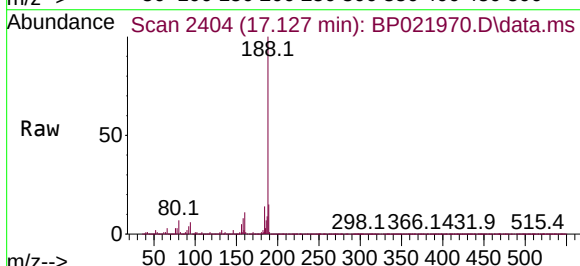
Manual Integrations
APPROVED

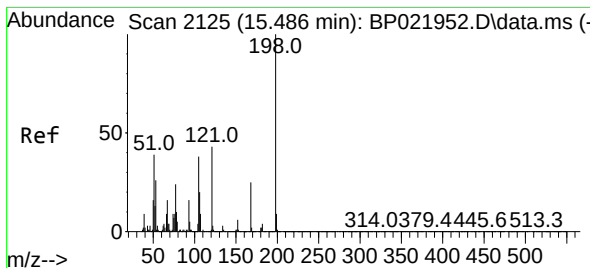
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.127 min Scan# 2404
Delta R.T. -0.012 min
Lab File: BP021970.D
Acq: 20 Sep 2024 16:50

Tgt Ion:188	Resp: 755617
Ion Ratio	Lower Upper
188 100	
94 6.1	4.6 6.8
80 6.7	5.4 8.2





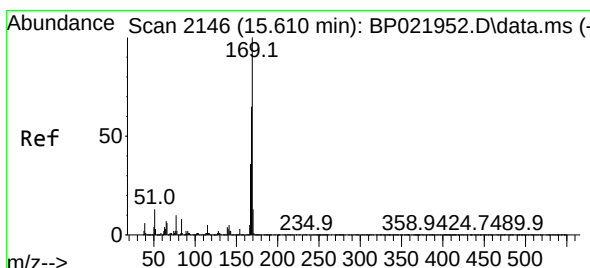
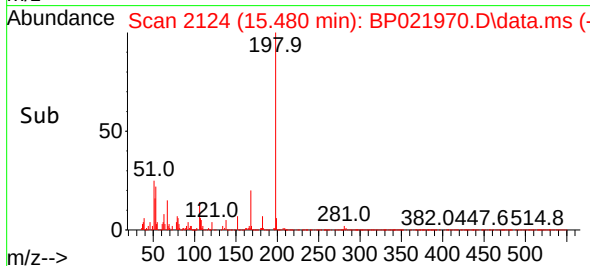
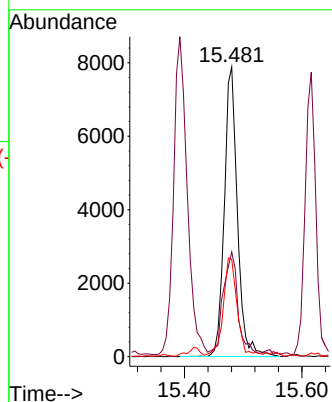
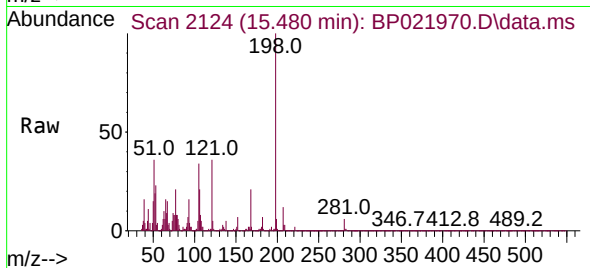
#65
4,6-Dinitro-2-methylphenol
Concen: 2.784 ng
RT: 15.480 min Scan# 2125
Delta R.T. -0.006 min
Lab File: BP021970.D
Acq: 20 Sep 2024 16:50

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

Tgt Ion	Ratio	Lower	Upper
198	100		
51	36.2	20.7	60.7
105	33.6	18.4	58.4

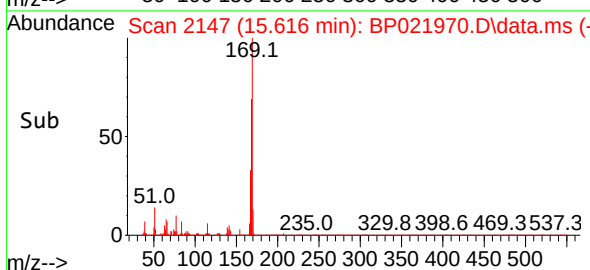
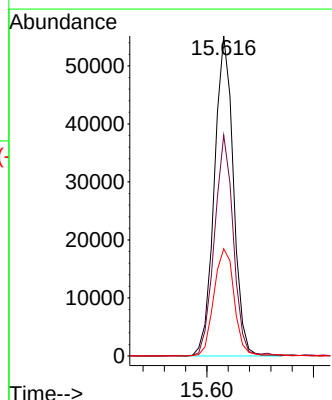
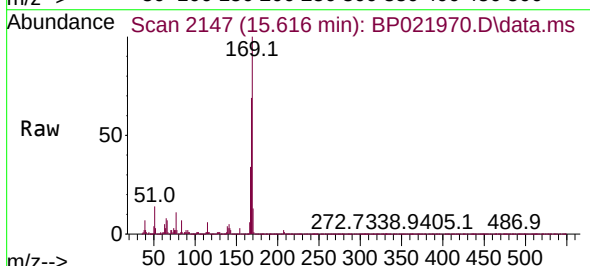
Manual Integrations
APPROVED

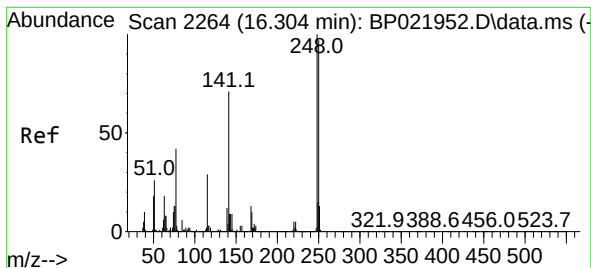
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#66
n-Nitrosodiphenylamine
Concen: 3.627 ng
RT: 15.616 min Scan# 2147
Delta R.T. 0.006 min
Lab File: BP021970.D
Acq: 20 Sep 2024 16:50

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.0	52.2	78.4
167	33.5	28.6	42.8





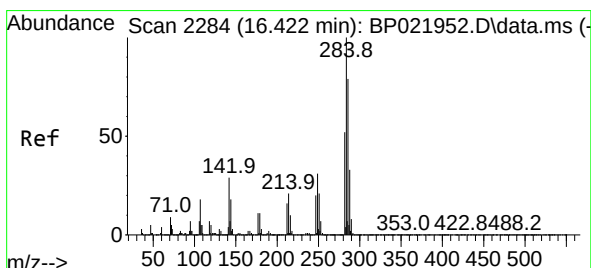
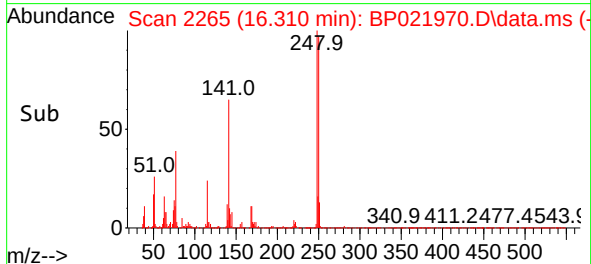
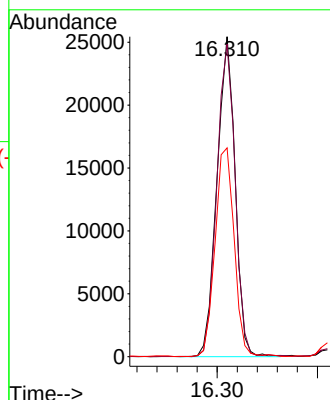
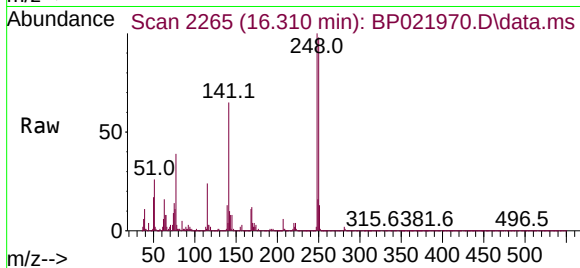
#67
4-Bromophenyl-phenylether
Concen: 3.622 ng
RT: 16.310 min Scan# 2190
Delta R.T. 0.006 min
Lab File: BP021970.D
Acq: 20 Sep 2024 16:50

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

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.6	77.5	116.3
141	65.3	56.5	84.7

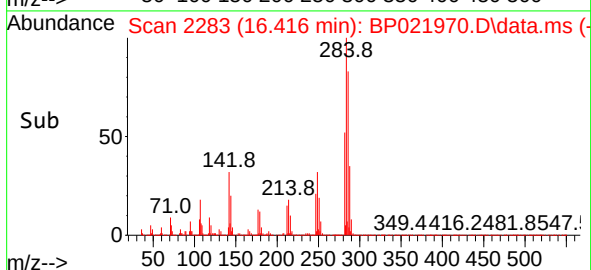
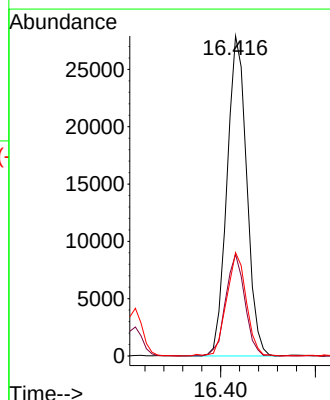
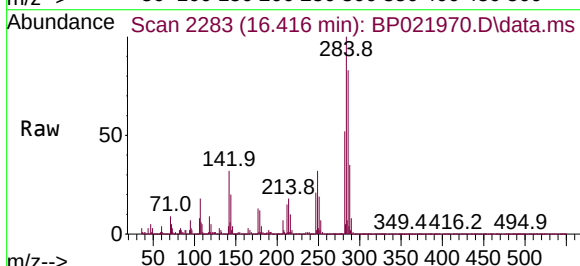
Manual Integrations
APPROVED

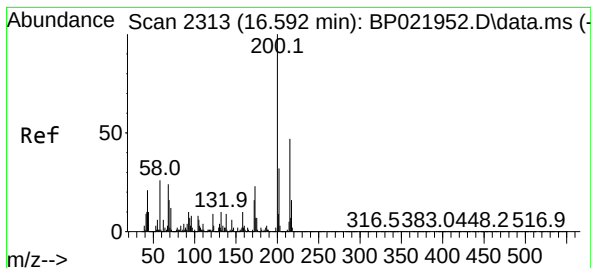
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#68
Hexachlorobenzene
Concen: 3.674 ng
RT: 16.416 min Scan# 2283
Delta R.T. -0.006 min
Lab File: BP021970.D
Acq: 20 Sep 2024 16:50

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.8	22.9	34.3
249	32.3	25.2	37.8





#69

Atrazine

Concen: 4.472 ng

RT: 16.592 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP021970.D

Acq: 20 Sep 2024 16:50

Instrument :

BNA_P

ClientSampleId :

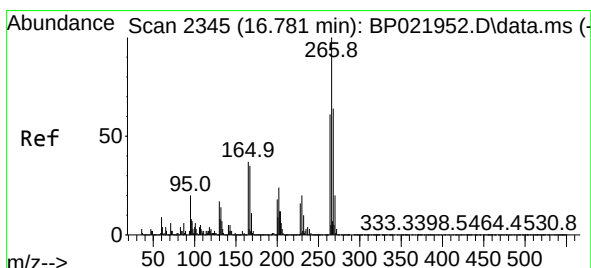
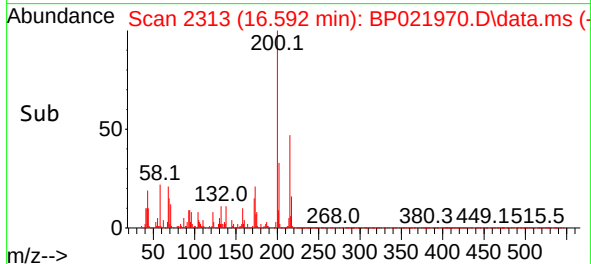
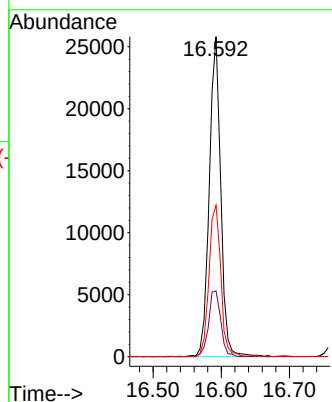
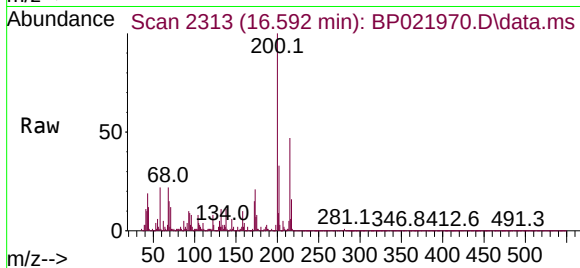
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:200	Resp:	3014
Ion Ratio	Lower	Upper
200 100		
173 20.6	3.0	43.0
215 47.3	27.4	67.4

Manual Integrations

APPROVED

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



#70

Pentachlorophenol

Concen: 2.861 ng

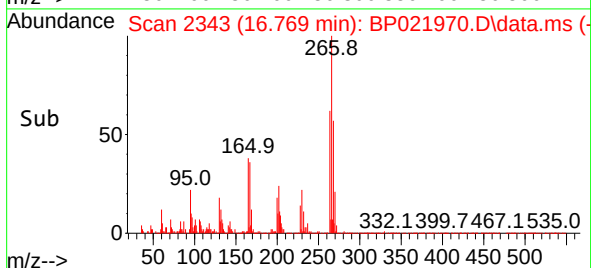
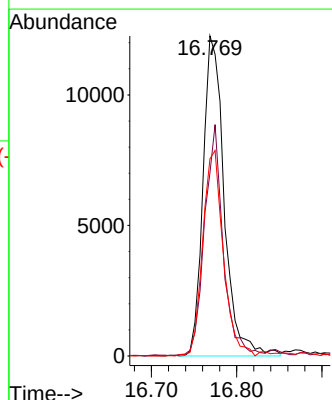
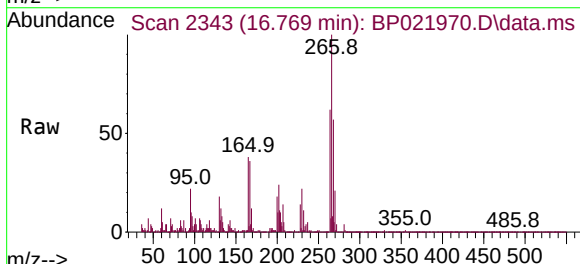
RT: 16.769 min Scan# 2343

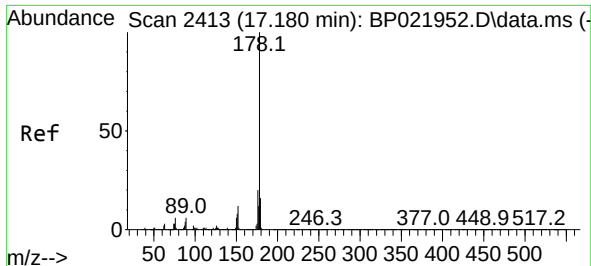
Delta R.T. -0.012 min

Lab File: BP021970.D

Acq: 20 Sep 2024 16:50

Tgt Ion:266	Resp:	21136
Ion Ratio	Lower	Upper
266 100		
268 57.3	51.1	76.7
264 61.6	48.6	72.8





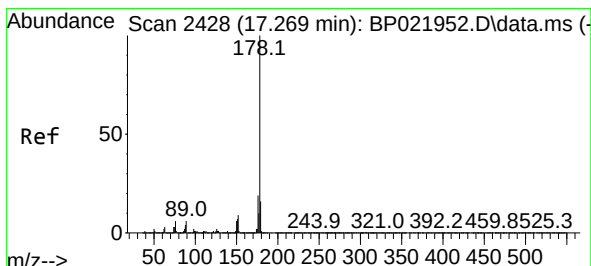
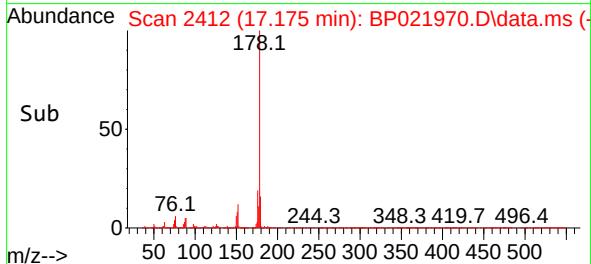
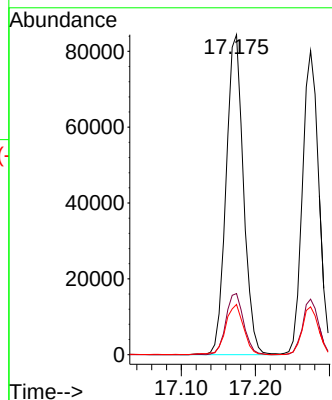
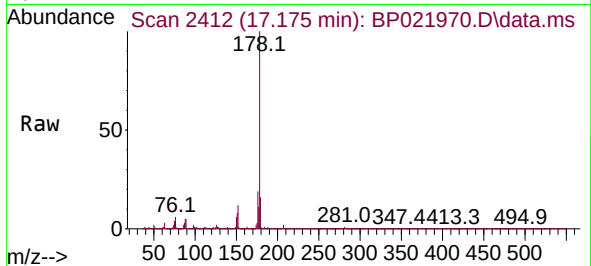
#71
Phenanthrene
Concen: 3.776 ng
RT: 17.175 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BP021970.D
Acq: 20 Sep 2024 16:50

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

Tgt Ion:178 Resp: 13696
Ion Ratio Lower Upper
178 100
176 19.1 15.9 23.9
179 15.7 12.5 18.7

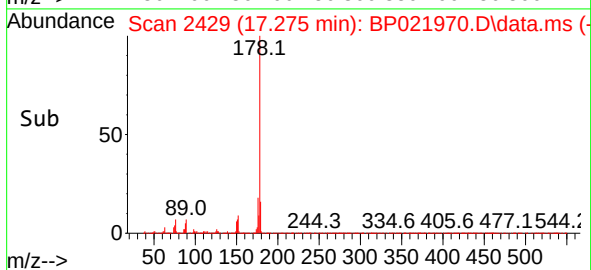
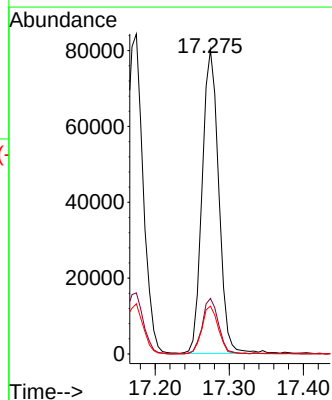
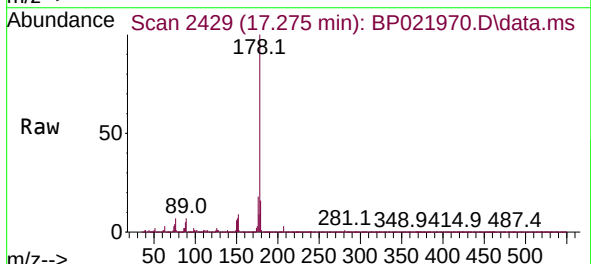
Manual Integrations
APPROVED

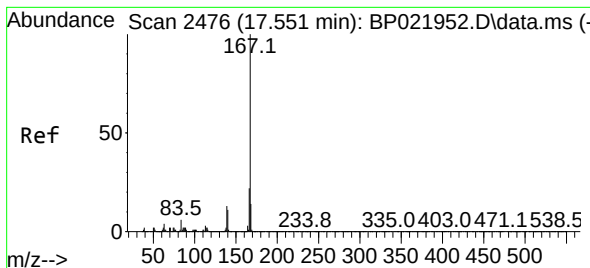
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#72
Anthracene
Concen: 3.548 ng
RT: 17.275 min Scan# 2429
Delta R.T. 0.006 min
Lab File: BP021970.D
Acq: 20 Sep 2024 16:50

Tgt Ion:178 Resp: 124578
Ion Ratio Lower Upper
178 100
176 18.3 15.0 22.6
179 15.8 12.6 18.8





#73

Carbazole

Concen: 3.549 ng

RT: 17.545 min Scan# 2476

Delta R.T. -0.006 min

Lab File: BP021970.D

Acq: 20 Sep 2024 16:50

Instrument :

BNA_P

ClientSampleId :

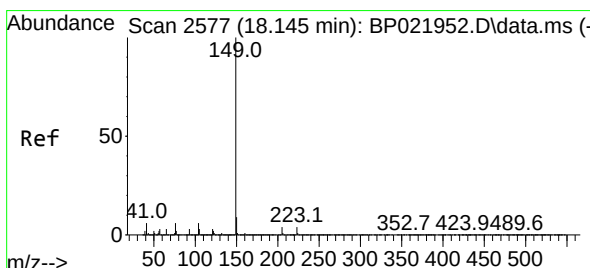
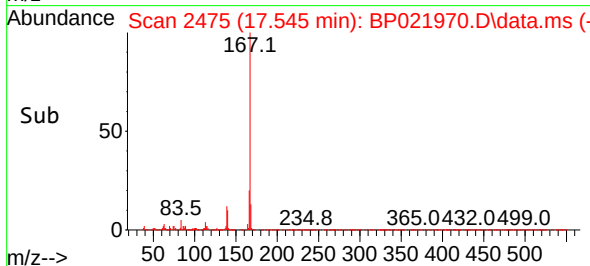
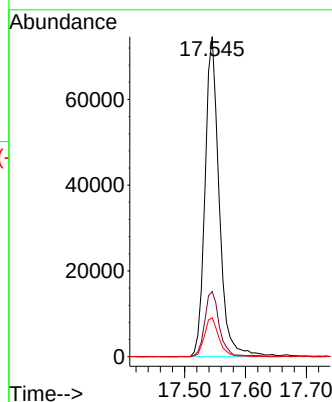
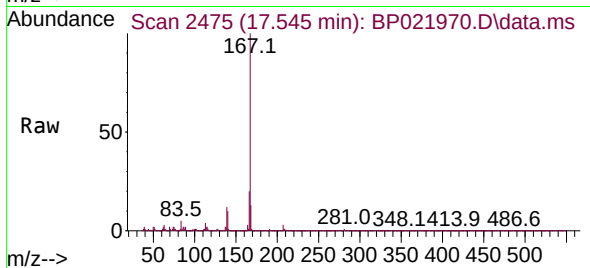
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:167	Resp: 120369
Ion Ratio	Lower Upper
167 100	
166 20.3	17.4 26.0
139 12.1	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: 3.326 ng

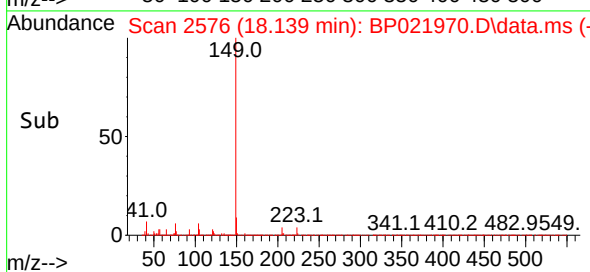
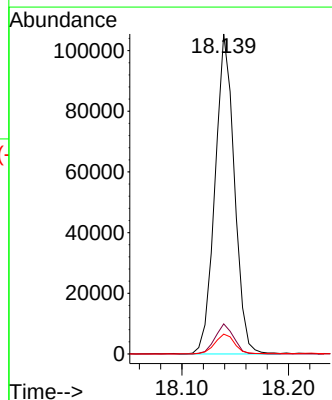
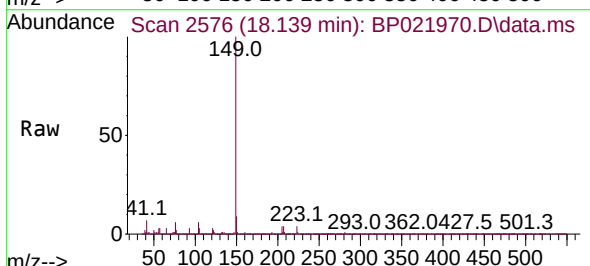
RT: 18.139 min Scan# 2576

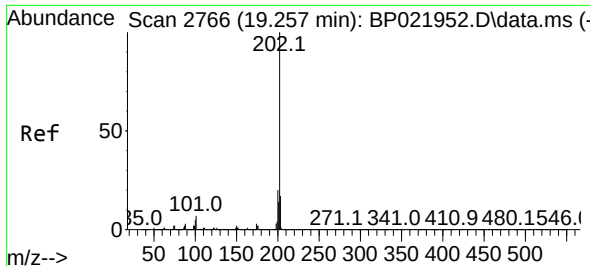
Delta R.T. -0.006 min

Lab File: BP021970.D

Acq: 20 Sep 2024 16:50

Tgt Ion:149	Resp: 132459
Ion Ratio	Lower Upper
149 100	
150 9.4	7.3 10.9
104 6.2	4.6 6.8





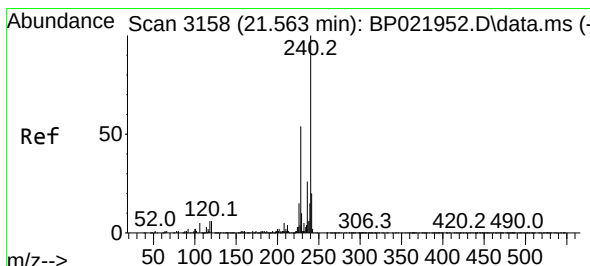
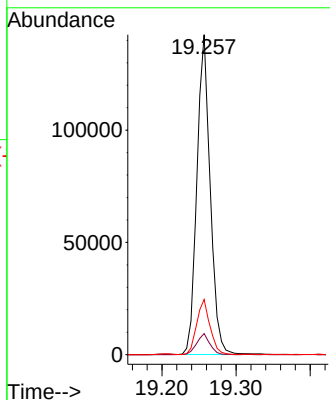
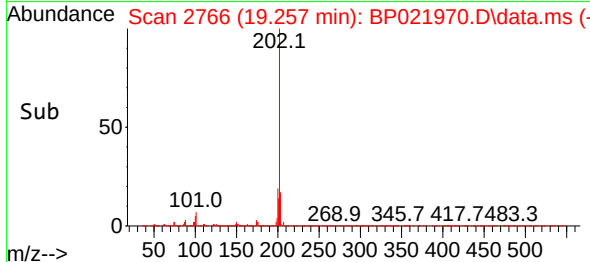
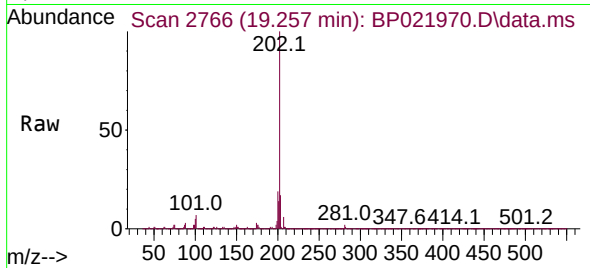
#75
Fluoranthene
Concen: 3.511 ng
RT: 19.257 min Scan# 21775
Delta R.T. -0.000 min
Lab File: BP021970.D
Acq: 20 Sep 2024 16:50

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

Tgt Ion:202 Resp: 17775
Ion Ratio Lower Upper
202 100
101 6.6 0.0 26.5
203 17.3 0.0 37.3

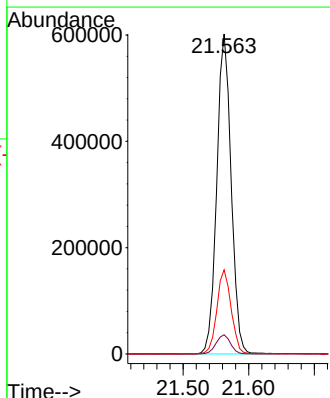
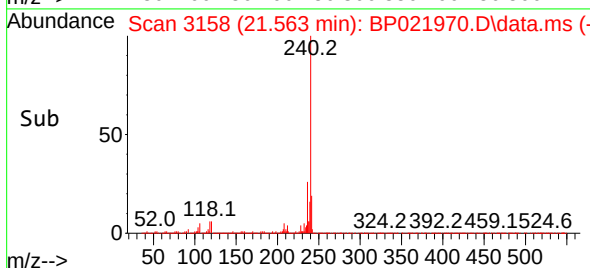
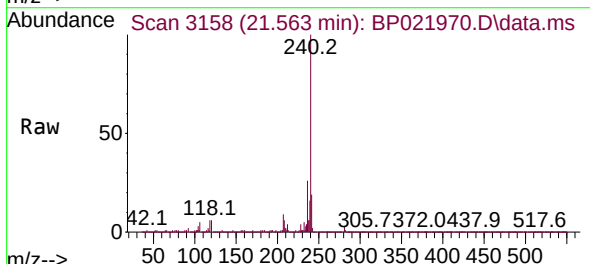
Manual Integrations
APPROVED

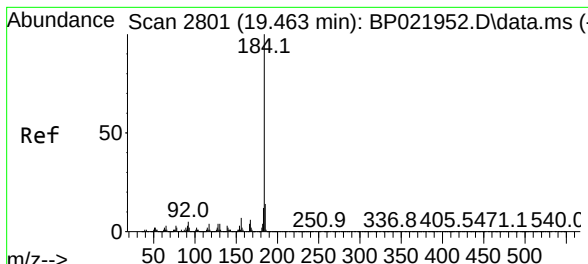
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.563 min Scan# 3158
Delta R.T. -0.000 min
Lab File: BP021970.D
Acq: 20 Sep 2024 16:50

Tgt Ion:240 Resp: 911044
Ion Ratio Lower Upper
240 100
120 6.0 5.1 7.7
236 26.3 20.7 31.1





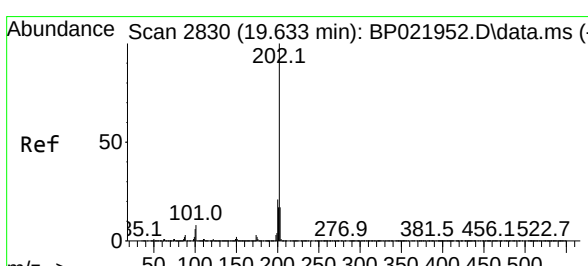
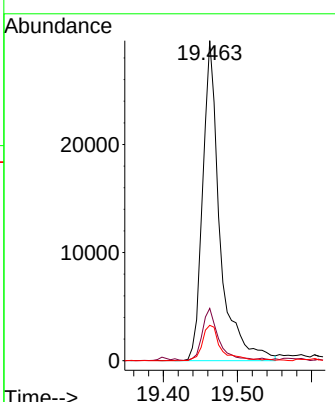
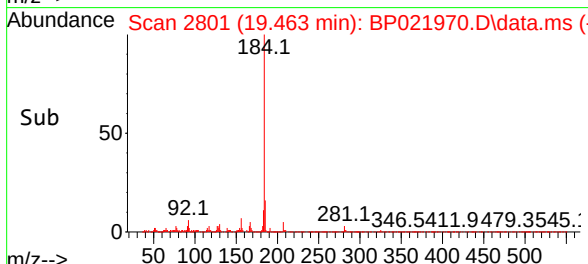
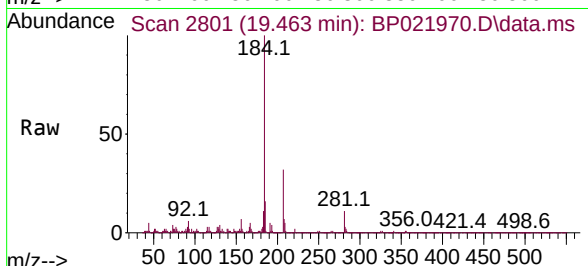
#77
Benzidine
Concen: 4.290 ng
RT: 19.463 min Scan# 2801
Delta R.T. -0.000 min
Lab File: BP021970.D
Acq: 20 Sep 2024 16:50

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

Tgt Ion:	184	Resp:	47760
Ion Ratio	Lower	Upper	
184	100		
185	16.4	10.9	16.3
183	11.0	9.2	13.8

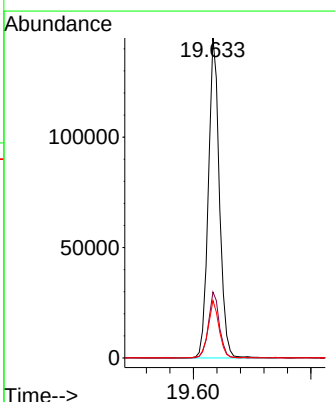
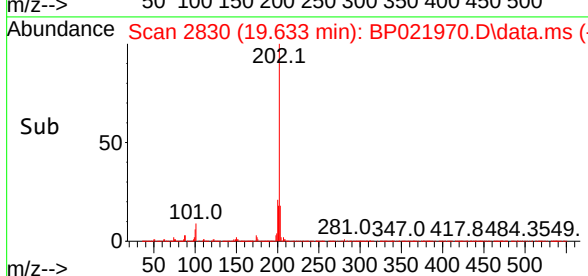
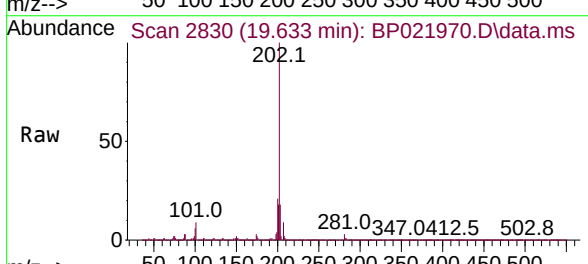
Manual Integrations
APPROVED

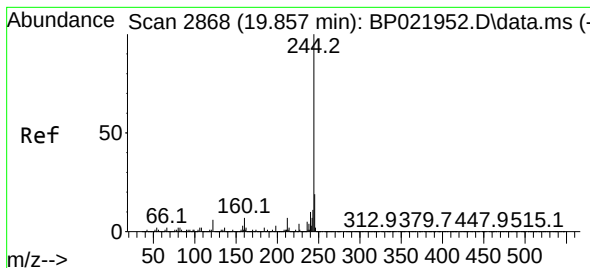
Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024



#78
Pyrene
Concen: 3.445 ng
RT: 19.633 min Scan# 2830
Delta R.T. -0.000 min
Lab File: BP021970.D
Acq: 20 Sep 2024 16:50

Tgt Ion:	202	Resp:	189839
Ion Ratio	Lower	Upper	
202	100		
200	20.6	16.8	25.2
203	17.9	13.8	20.8





#79

Terphenyl-d14

Concen: 71.521 ng

RT: 19.863 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP021970.D

Acq: 20 Sep 2024 16:50

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

Tgt Ion:244 Resp: 346870

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

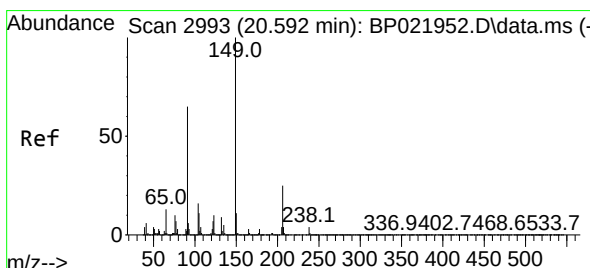
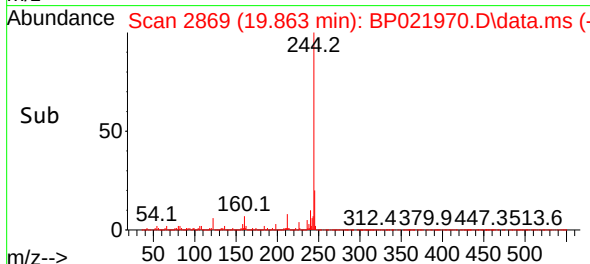
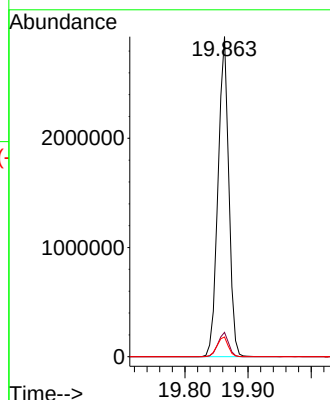
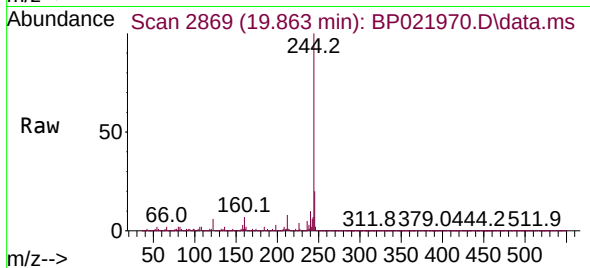
122 6.2 5.0 7.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024

Supervised By :mohammad ahmed 09/24/2024



#80

Butylbenzylphthalate

Concen: 3.106 ng

RT: 20.592 min Scan# 2993

Delta R.T. -0.000 min

Lab File: BP021970.D

Acq: 20 Sep 2024 16:50

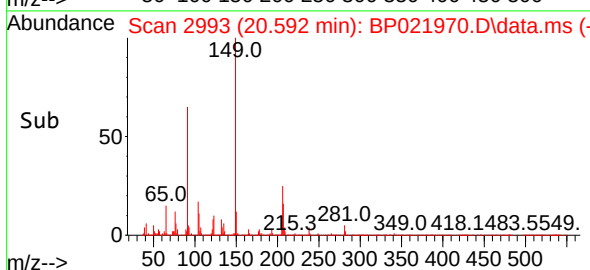
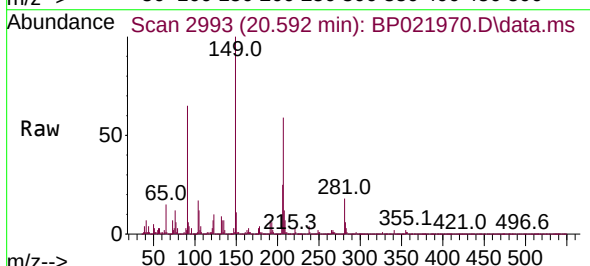
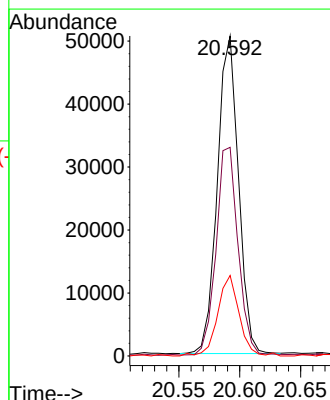
Tgt Ion:149 Resp: 61055

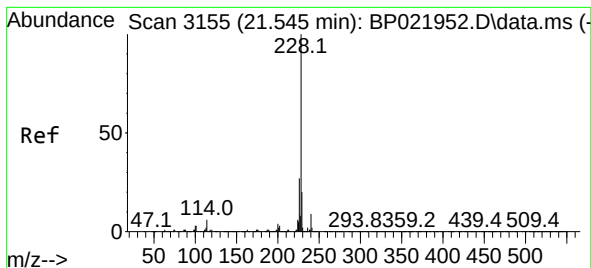
Ion Ratio Lower Upper

149 100

91 65.2 51.9 77.9

206 25.2 20.1 30.1





#81

Benzo(a)anthracene

Concen: 3.685 ng

RT: 21.545 min Scan# 3155

Delta R.T. -0.000 min

Lab File: BP021970.D

Acq: 20 Sep 2024 16:50

Instrument :

BNA_P

ClientSampleId :

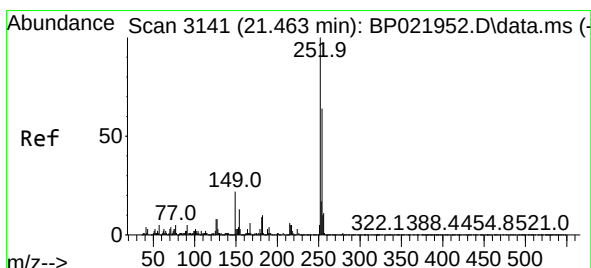
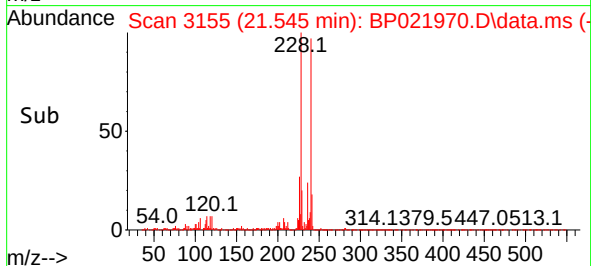
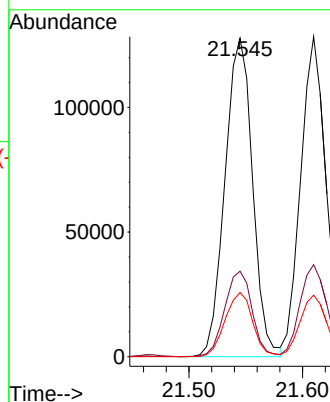
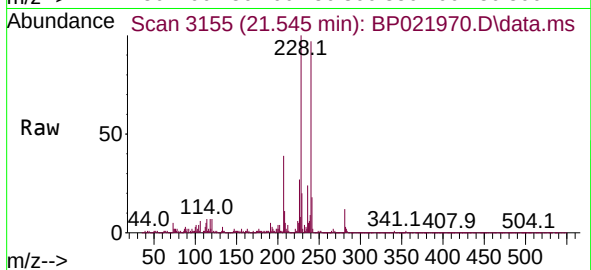
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:	228	Resp:	21574
Ion Ratio	Lower	Upper	
228	100		
226	26.8	21.5	32.3
229	20.2	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: 3.288 ng

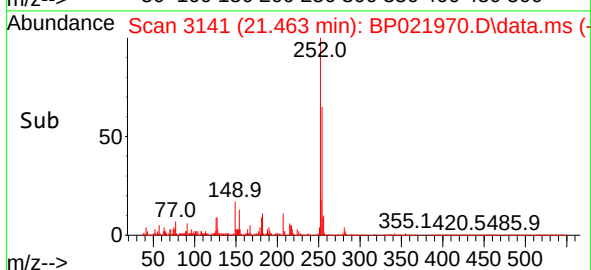
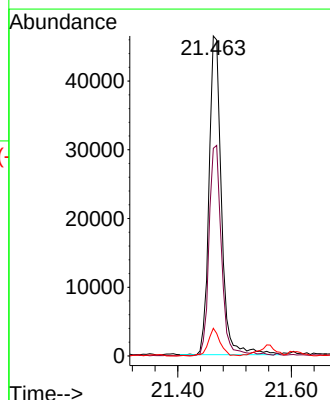
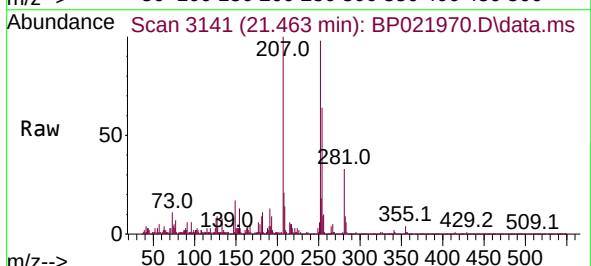
RT: 21.463 min Scan# 3141

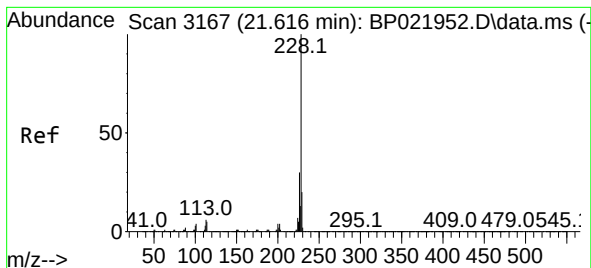
Delta R.T. -0.000 min

Lab File: BP021970.D

Acq: 20 Sep 2024 16:50

Tgt Ion:	252	Resp:	69840
Ion Ratio	Lower	Upper	
252	100		
254	64.9	51.4	77.2
126	8.7	6.2	9.4





#83

Chrysene

Concen: 3.634 ng

RT: 21.610 min Scan# 3167

Delta R.T. -0.006 min

Lab File: BP021970.D

Acq: 20 Sep 2024 16:50

Instrument :

BNA_P

ClientSampleId :

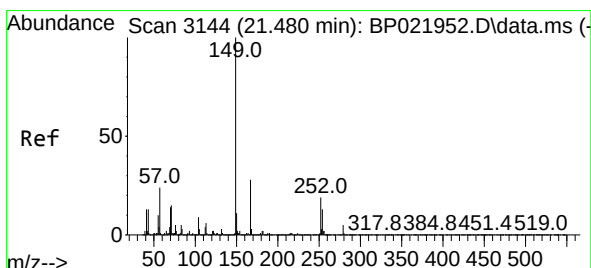
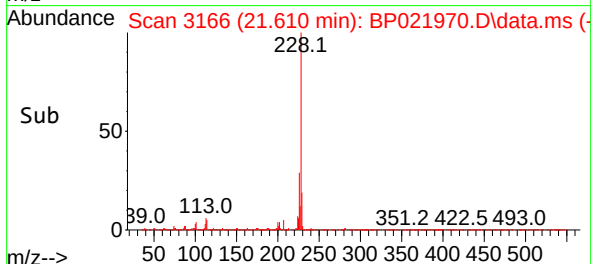
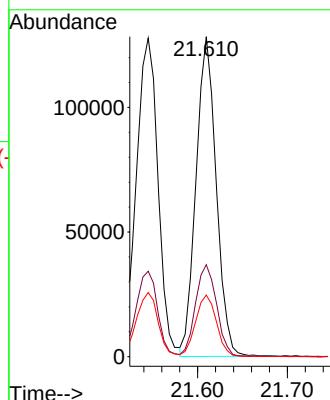
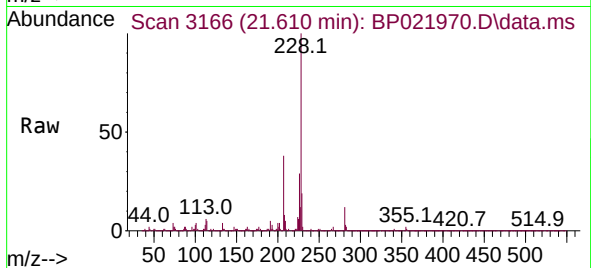
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:	228	Resp:	200278
Ion Ratio	Lower	Upper	
228	100		
226	28.8	24.2	36.4
229	19.2	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: 3.129 ng

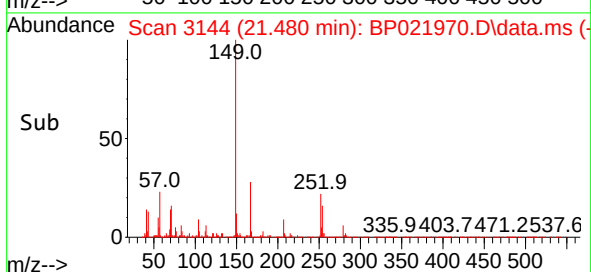
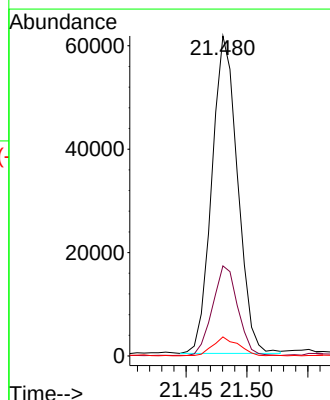
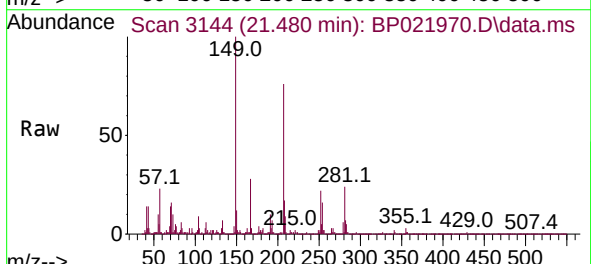
RT: 21.480 min Scan# 3144

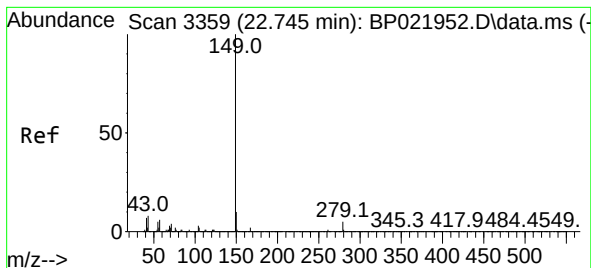
Delta R.T. -0.000 min

Lab File: BP021970.D

Acq: 20 Sep 2024 16:50

Tgt Ion:	149	Resp:	90266
Ion Ratio	Lower	Upper	
149	100		
167	28.2	22.3	33.5
279	6.0	4.2	6.2





#85

Di-n-octyl phthalate

Concen: 2.954 ng

RT: 22.745 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP021970.D

Acq: 20 Sep 2024 16:50

Instrument :

BNA_P

ClientSampleId :

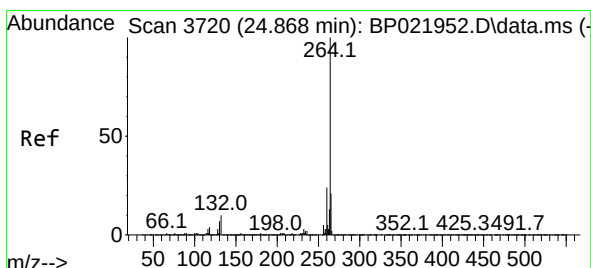
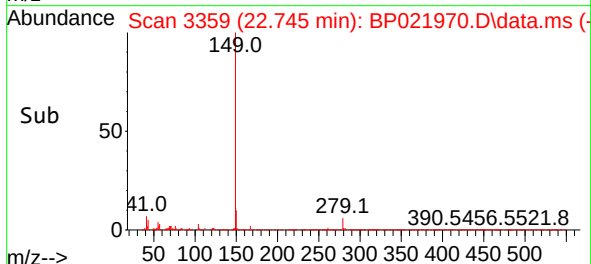
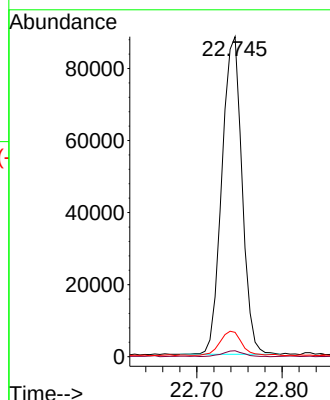
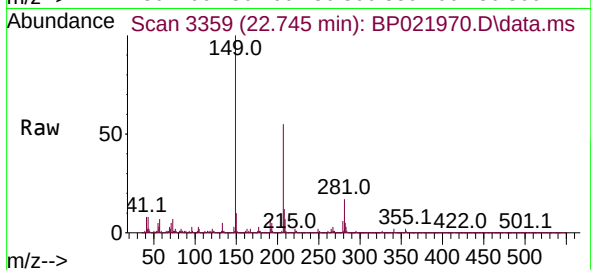
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:149	Resp: 144730
Ion Ratio	Lower Upper
149 100	
167 2.0	1.4 2.0
43 8.7	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

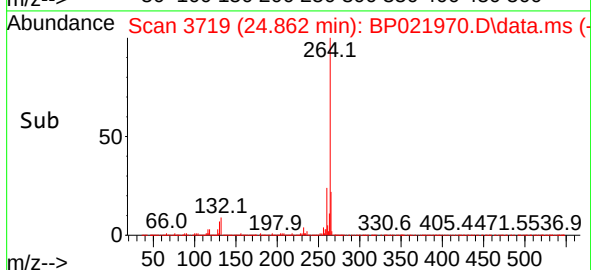
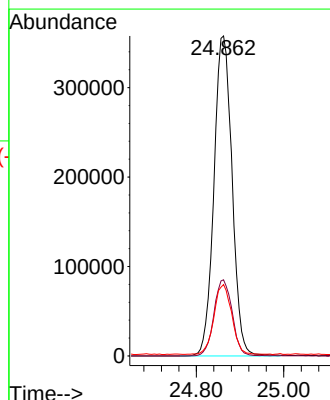
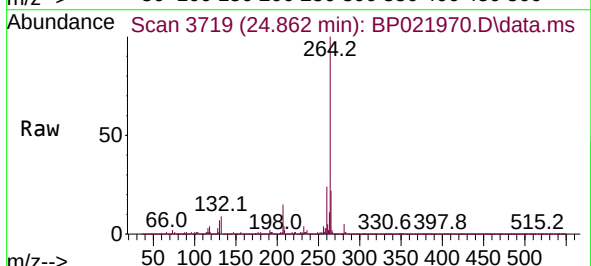
RT: 24.862 min Scan# 3719

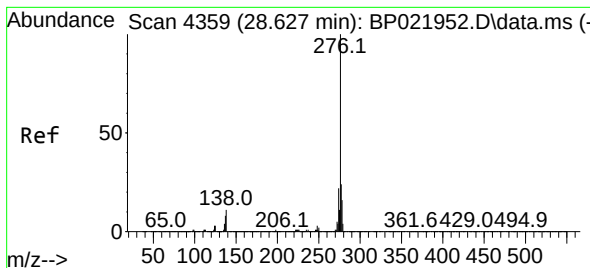
Delta R.T. -0.006 min

Lab File: BP021970.D

Acq: 20 Sep 2024 16:50

Tgt Ion:264	Resp: 1028433		
Ion Ratio	Lower	Upper	
264	100		
260	23.8	18.9	28.3
265	22.3	17.5	26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.826 ng

RT: 28.586 min Scan# 41

Delta R.T. -0.041 min

Lab File: BP021970.D

Acq: 20 Sep 2024 16:50

Instrument :

BNA_P

ClientSampleId :

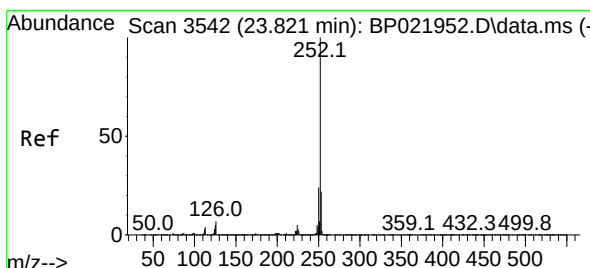
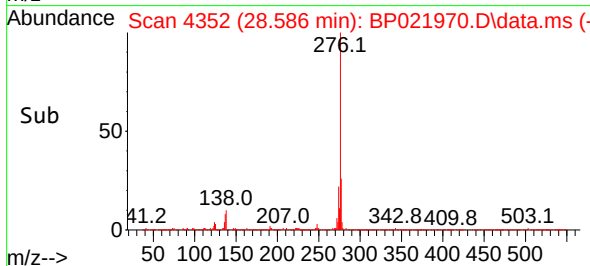
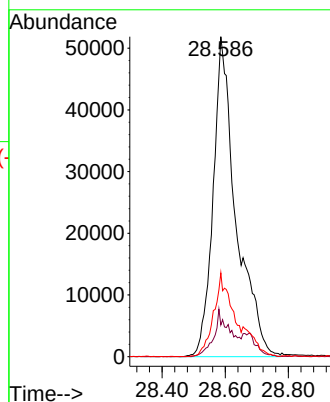
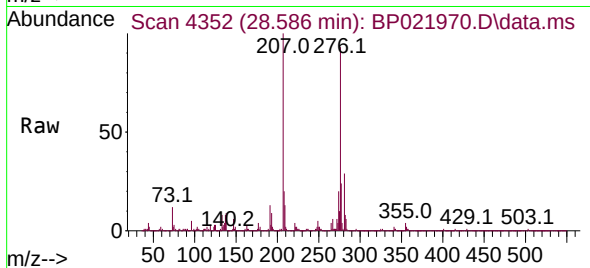
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:	276	Resp:	26168
Ion Ratio	Lower	Upper	
276	100		
138	10.6	7.8	11.8
277	20.7	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: 3.504 ng

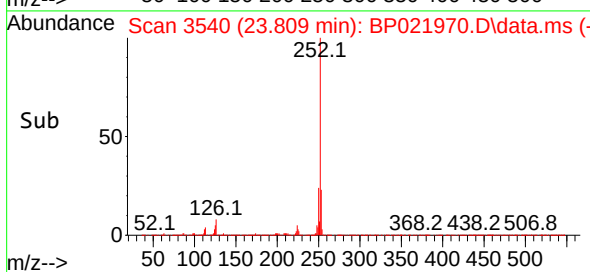
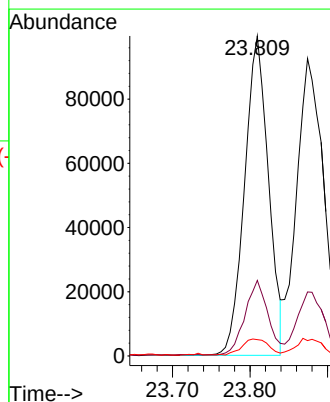
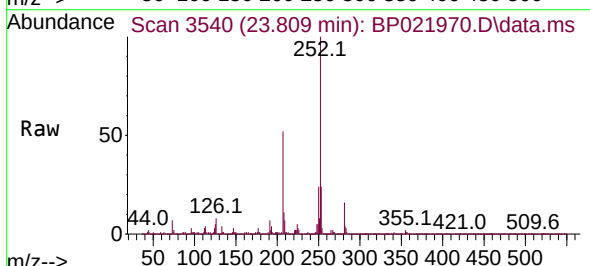
RT: 23.809 min Scan# 3540

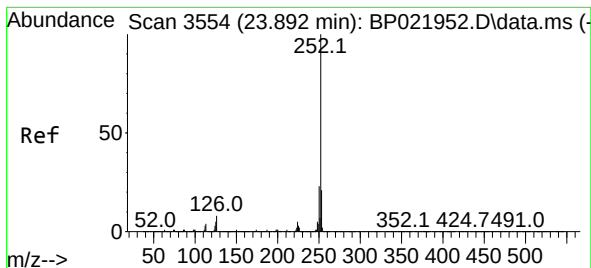
Delta R.T. -0.012 min

Lab File: BP021970.D

Acq: 20 Sep 2024 16:50

Tgt Ion:	252	Resp:	213101
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.4	26.0
125	5.1	4.2	6.2





#89

Benzo(k)fluoranthene

Concen: 3.887 ng

RT: 23.874 min Scan# 3554

Delta R.T. -0.018 min

Lab File: BP021970.D

Acq: 20 Sep 2024 16:50

Instrument :

BNA_P

ClientSampleId :

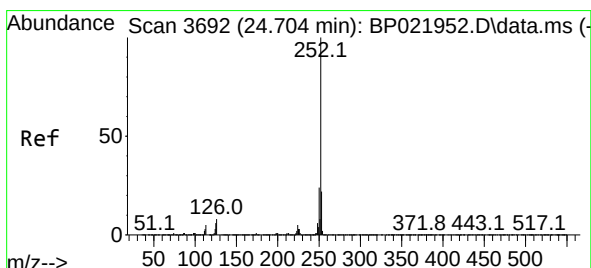
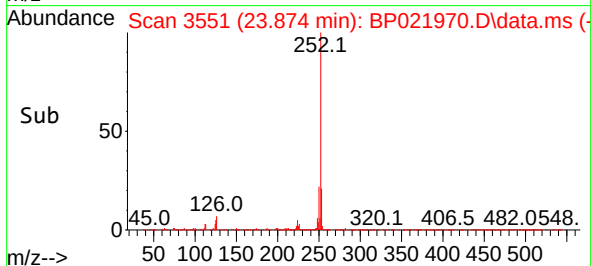
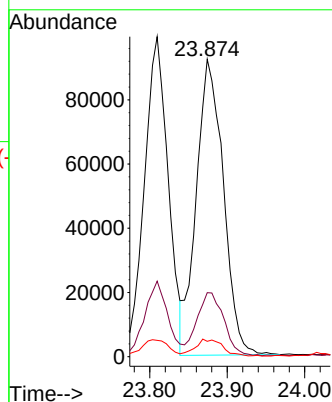
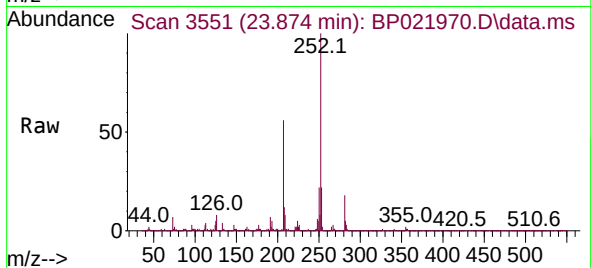
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:	252	Resp:	223710
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.0	25.6
125	5.2	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: 3.707 ng

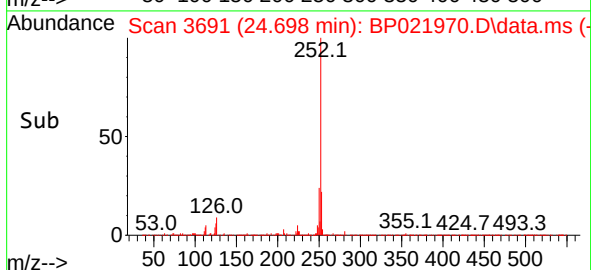
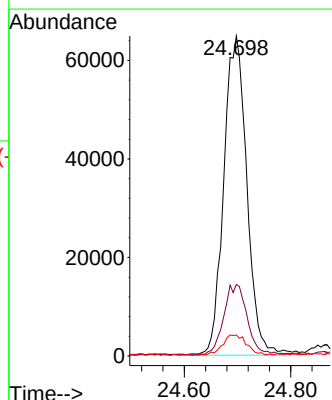
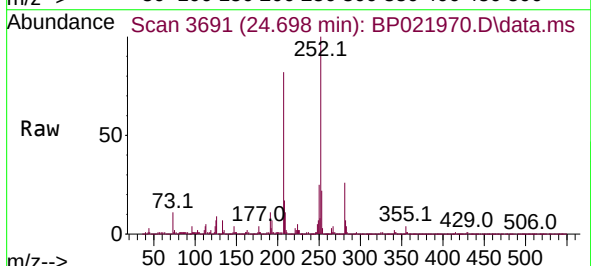
RT: 24.698 min Scan# 3691

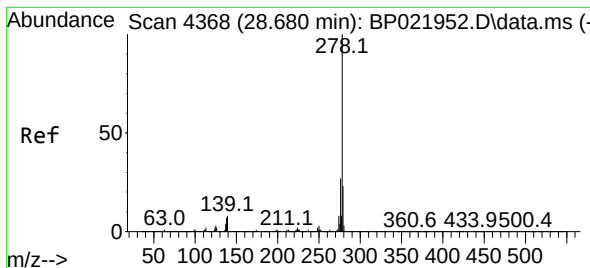
Delta R.T. -0.006 min

Lab File: BP021970.D

Acq: 20 Sep 2024 16:50

Tgt Ion:	252	Resp:	194211
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.6	26.4
125	6.5	5.0	7.6





#91

Dibenzo(a,h)anthracene

Concen: 3.841 ng

RT: 28.668 min Scan# 41

Delta R.T. -0.012 min

Lab File: BP021970.D

Acq: 20 Sep 2024 16:50

Instrument :

BNA_P

ClientSampleId :

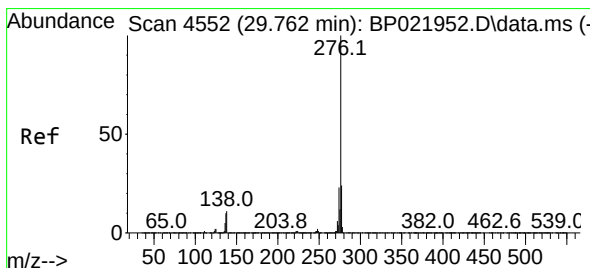
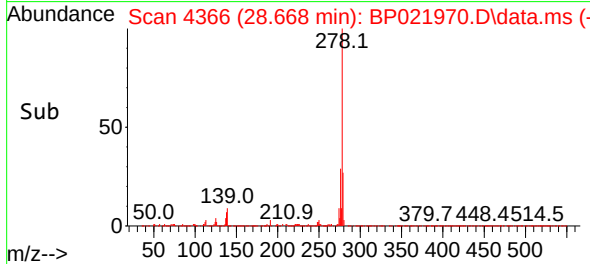
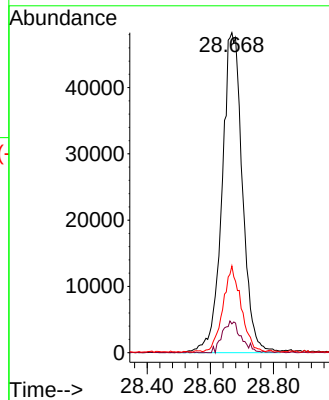
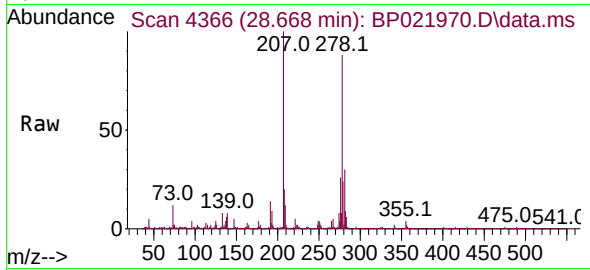
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:	278	Resp:	21686
Ion Ratio	Lower	Upper	
278	100		
139	9.0	6.6	10.0
279	27.1	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: 3.487 ng

RT: 29.739 min Scan# 4548

Delta R.T. -0.024 min

Lab File: BP021970.D

Acq: 20 Sep 2024 16:50

Tgt Ion:	276	Resp:	201668
Ion Ratio	Lower	Upper	
276	100		
277	25.0	19.3	28.9
138	13.9	9.2	13.8

