

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081424\
 Data File : BP021497.D
 Acq On : 14 Aug 2024 12:48
 Operator : RC/JU
 Sample : P3390-07
 Misc : LOD-MDL-WATER-4ng
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2024

Quant Time: Aug 14 13:13:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 14 00:00:30 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/14/2024
 Supervised By :mohammad ahmed 08/16/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	412217	20.000	ng	0.00
21) Naphthalene-d8	10.593	136	1881119	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	1314649	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	2765237	20.000	ng	0.00
76) Chrysene-d12	21.698	240	2100117	20.000	ng	0.00
86) Perylene-d12	25.115	264	2154157	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	3675196	132.386	ng	0.00
7) Phenol-d6	6.963	99	5433379	134.166	ng	0.00
23) Nitrobenzene-d5	8.952	82	3634758	99.732	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	2039978	139.424	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	7482869	86.868	ng	0.00
79) Terphenyl-d14	19.980	244	10025022	92.737	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.322	88	57504	4.369	ng	98
3) Pyridine	3.717	79	137359	3.738	ng	99
4) n-Nitrosodimethylamine	3.622	42	47649	4.314	ng	# 98
6) Aniline	7.134	93	208245	5.144	ng	99
8) 2-Chlorophenol	7.369	128	113798	4.436	ng	97
9) Benzaldehyde	6.946	77	149483	5.765	ng	99
10) Phenol	6.987	94	180652	4.308	ng	92
11) bis(2-Chloroethyl)ether	7.228	93	159164	4.485	ng	99
12) 1,3-Dichlorobenzene	7.699	146	126330	4.146	ng	97
13) 1,4-Dichlorobenzene	7.840	146	130016	4.225	ng	98
14) 1,2-Dichlorobenzene	8.157	146	124612	4.202	ng	100
15) Benzyl Alcohol	8.028	79	133437	4.592	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.322	45	155314	4.753	ng	98
17) 2-Methylphenol	8.228	107	112578	4.246	ng	97
18) Hexachloroethane	8.887	117	51277	4.156	ng	97
19) n-Nitroso-di-n-propyla...	8.599	70	136482	4.879	ng	98
20) 3+4-Methylphenols	8.552	107	148207	4.146	ng	98
22) Acetophenone	8.616	105	255009	4.413	ng	# 97
24) Nitrobenzene	8.993	77	182733	4.616	ng	98
25) Isophorone	9.516	82	383358	4.452	ng	99
26) 2-Nitrophenol	9.704	139	30082	5.269	ng	93
27) 2,4-Dimethylphenol	9.763	122	87177	4.103	ng	94
28) bis(2-Chloroethoxy)met...	9.999	93	228359	4.345	ng	98
29) 2,4-Dichlorophenol	10.234	162	94157	3.750	ng	97
30) 1,2,4-Trichlorobenzene	10.451	180	125547	3.901	ng	97
31) Naphthalene	10.646	128	408924	4.161	ng	100
32) Benzoic acid	9.799	122	31816m	6.439	ng	
33) 4-Chloroaniline	10.740	127	162786	4.410	ng	99
34) Hexachlorobutadiene	10.940	225	78616	3.879	ng	97
35) Caprolactam	11.469	113	40817	3.906	ng	96
36) 4-Chloro-3-methylphenol	11.857	107	137532	3.949	ng	95
37) 2-Methylnaphthalene	12.257	142	282219	4.208	ng	100
38) 1-Methylnaphthalene	12.475	142	272390	4.118	ng	99
40) 1,2,4,5-Tetrachloroben...	12.622	216	158826	4.123	ng	99
41) Hexachlorocyclopentadiene	12.610	237	49959	4.092	ng	95
43) 2,4,6-Trichlorophenol	12.857	196	76801	3.589	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.922	196	87047	3.662	ng	97
46) 1,1'-Biphenyl	13.269	154	403183	4.335	ng	98
47) 2-Chloronaphthalene	13.310	162	297295	4.105	ng	98
48) 2-Nitroaniline	13.498	65	60182	7.795	ng	92
49) Acenaphthylene	14.169	152	473253	4.446	ng	99
50) Dimethylphthalate	13.887	163	375293	4.263	ng	99
51) 2,6-Dinitrotoluene	14.004	165	51764	6.658	ng	# 82
52) Acenaphthene	14.516	154	287416	4.115	ng	100
53) 3-Nitroaniline	14.334	138	51377	6.668	ng	# 88
54) 2,4-Dinitrophenol	14.534	184	12152	6.014	ng	# 1
55) Dibenzofuran	14.851	168	468887	4.364	ng	100
56) 4-Nitrophenol	14.628	139	36618	7.427	ng	89
57) 2,4-Dinitrotoluene	14.804	165	55046	7.204	ng	93
58) Fluorene	15.516	166	368582	4.176	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.081	232	76939	3.813	ng	# 99
60) Diethylphthalate	15.281	149	368291	4.077	ng	99
61) 4-Chlorophenyl-phenyle...	15.516	204	193137	4.233	ng	98
62) 4-Nitroaniline	15.516	138	51938	5.651	ng	# 82
63) Azobenzene	15.810	77	489669	4.410	ng	98
65) 4,6-Dinitro-2-methylph...	15.581	198	17389	7.260	ng	84
66) n-Nitrosodiphenylamine	15.722	169	318747	4.301	ng	99
67) 4-Bromophenyl-phenylether	16.428	248	112906	3.858	ng	96
68) Hexachlorobenzene	16.539	284	139986	4.048	ng	97
69) Atrazine	16.692	200	99974	3.929	ng	98
70) Pentachlorophenol	16.886	266	51740	2.741	ng	97
71) Phenanthrene	17.292	178	572161	4.302	ng	99
72) Anthracene	17.381	178	541919	4.155	ng	99
73) Carbazole	17.663	167	481754	3.833	ng	98
74) Di-n-butylphthalate	18.269	149	525569	3.405	ng	99
75) Fluoranthene	19.375	202	586543	3.595	ng	99
77) Benzidine	19.557	184	159538	7.075	ng	99
78) Pyrene	19.751	202	612997	4.466	ng	99
80) Butylbenzylphthalate	20.704	149	133630	5.975	ng	97
81) Benzo(a)anthracene	21.680	228	547648	4.154	ng	99
82) 3,3'-Dichlorobenzidine	21.592	252	152963	3.619	ng	99
83) Chrysene	21.745	228	506248	4.067	ng	99
84) Bis(2-ethylhexyl)phtha...	21.639	149	241405	3.098	ng	100
85) Di-n-octyl phthalate	22.951	149	296096	6.781	ng	96
87) Indeno(1,2,3-cd)pyrene	28.939	276	509428m	3.648	ng	
88) Benzo(b)fluoranthene	24.021	252	470703	3.805	ng	98
89) Benzo(k)fluoranthene	24.092	252	460588	3.816	ng	99
90) Benzo(a)pyrene	24.933	252	414694	3.863	ng	98
91) Dibenzo(a,h)anthracene	29.056	278	432564	3.728	ng	99
92) Benzo(g,h,i)perylene	30.150	276	416862	3.585	ng	97

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

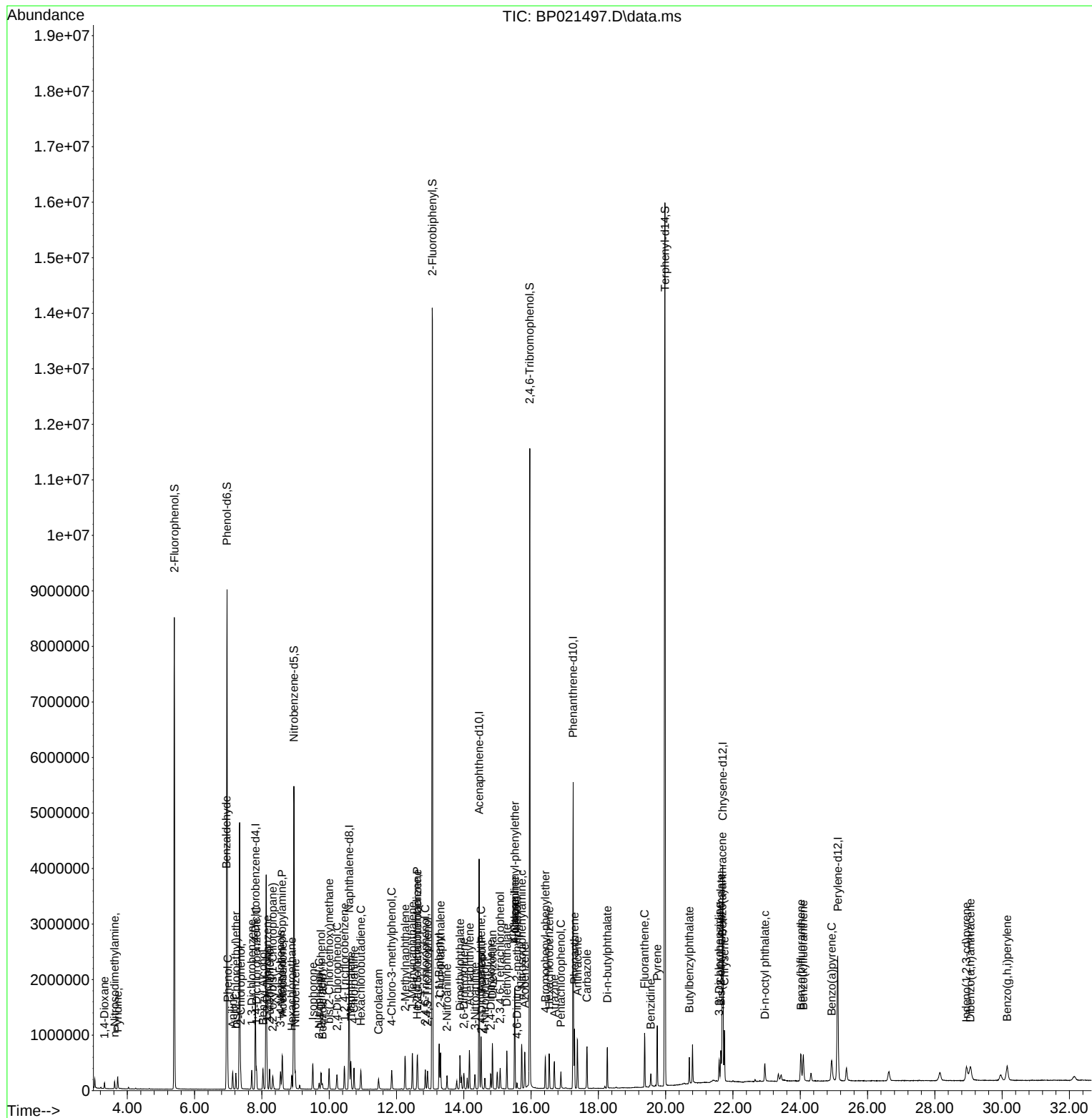
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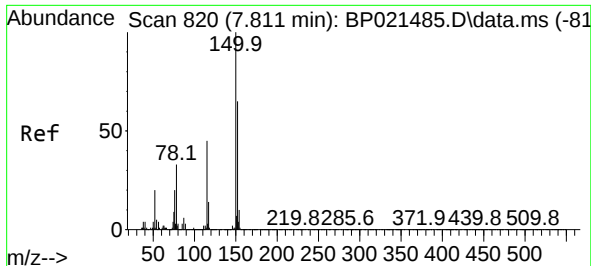
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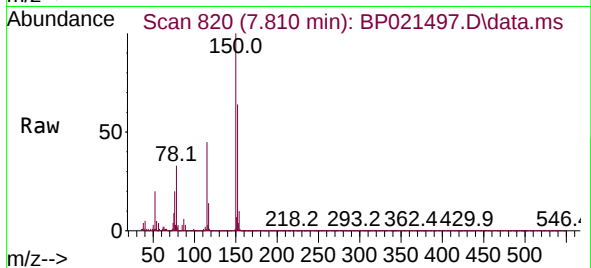
Reviewed By :Jagrut Upadhyay 08/14/2024
 Supervised By :mohammad ahmed 08/16/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.810 min Scan# 81
Delta R.T. -0.001 min
Lab File: BP021497.D
Acq: 14 Aug 2024 12:48

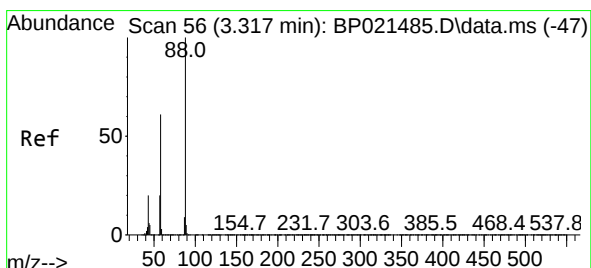
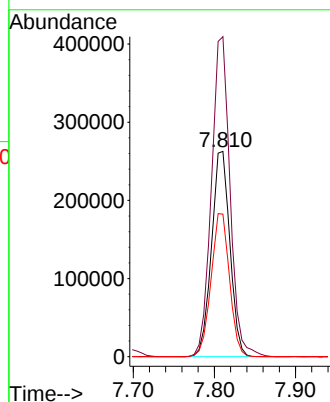
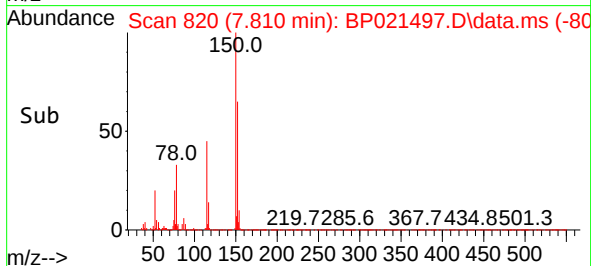
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



Tgt Ion:152 Resp: 41221
Ion Ratio Lower Upper
152 100
150 155.9 122.4 183.6
115 69.4 54.7 82.1

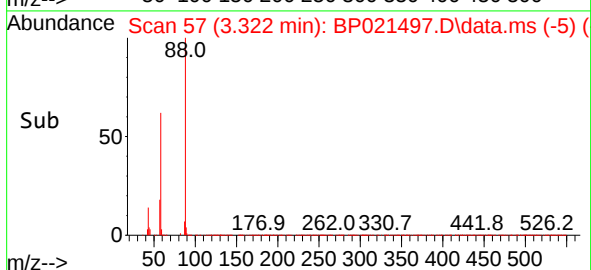
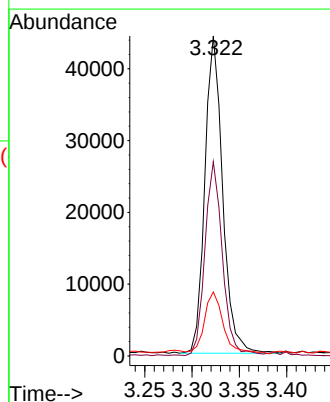
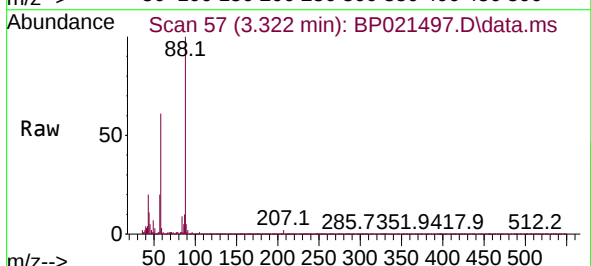
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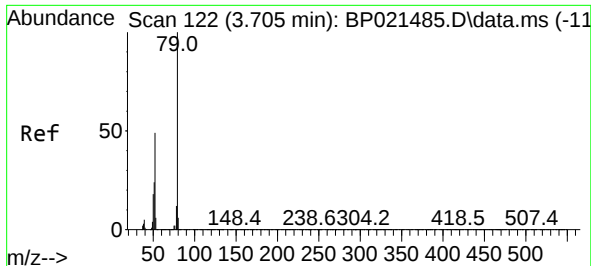
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#2
1,4-Dioxane
Concen: 4.369 ng
RT: 3.322 min Scan# 57
Delta R.T. 0.006 min
Lab File: BP021497.D
Acq: 14 Aug 2024 12:48

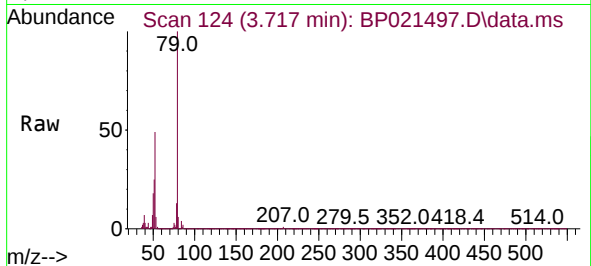
Tgt Ion: 88 Resp: 57504
Ion Ratio Lower Upper
88 100
58 59.4 48.7 73.1
43 21.1 15.4 23.2





#3
Pyridine
Concen: 3.738 ng
RT: 3.717 min Scan# 107
Delta R.T. 0.012 min
Lab File: BP021497.D
Acq: 14 Aug 2024 12:48

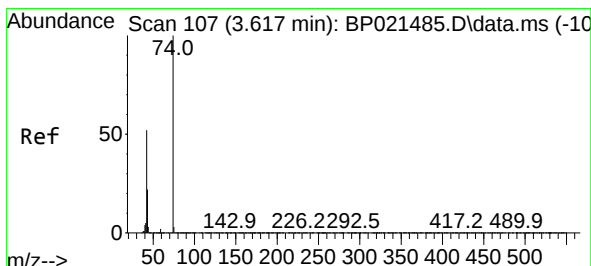
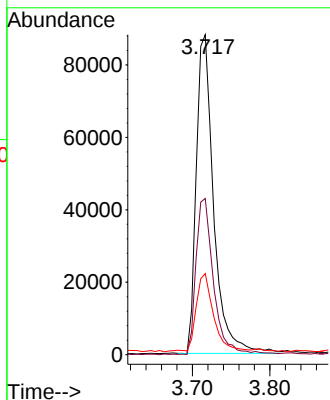
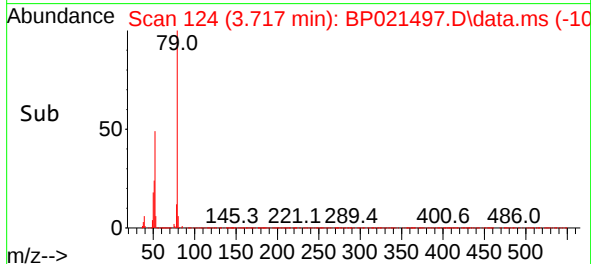
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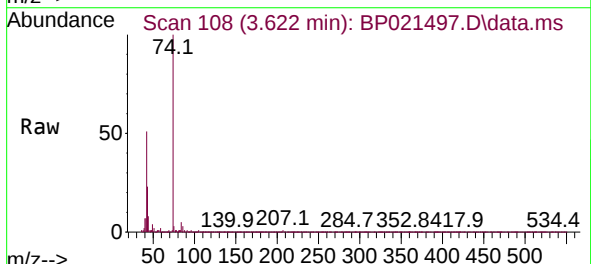
Tgt Ion: 79 Resp: 137359
Ion Ratio Lower Upper
79 100
52 48.8 39.0 58.6
51 25.3 19.2 28.8

Manual Integrations
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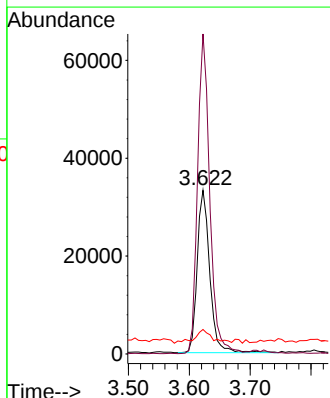
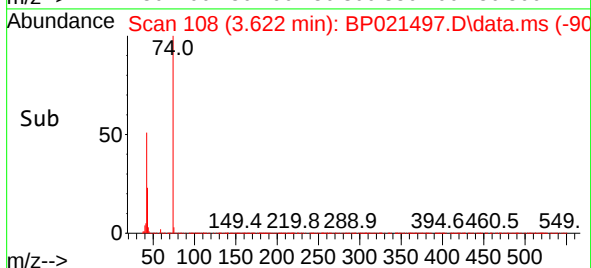
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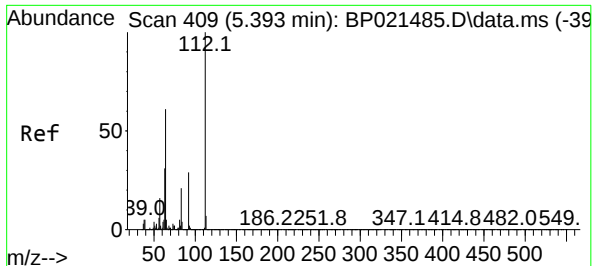


#4
n-Nitrosodimethylamine
Concen: 4.314 ng
RT: 3.622 min Scan# 108
Delta R.T. 0.006 min
Lab File: BP021497.D
Acq: 14 Aug 2024 12:48



Tgt Ion: 42 Resp: 47649
Ion Ratio Lower Upper
42 100
74 195.5 154.3 231.5
44 15.0 6.2 9.4





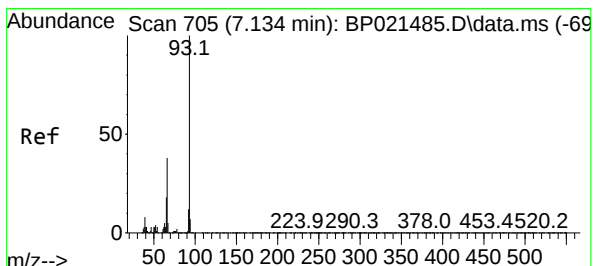
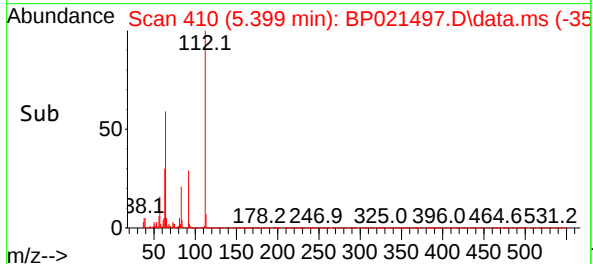
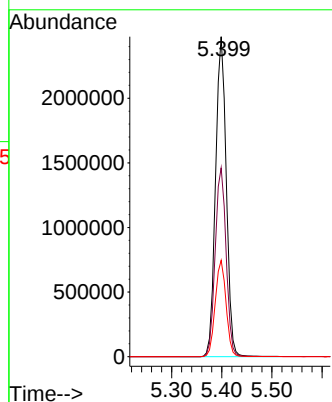
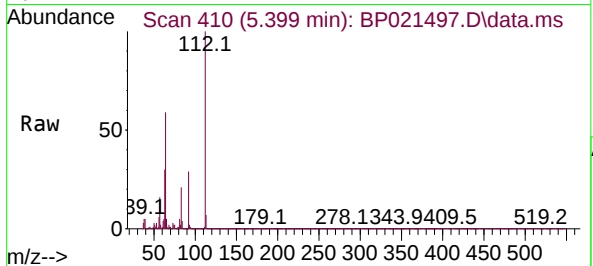
#5
2-Fluorophenol
Concen: 132.386 ng
RT: 5.399 min Scan# 411
Delta R.T. 0.006 min
Lab File: BP021497.D
Acq: 14 Aug 2024 12:48

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

Tgt Ion:112 Resp: 3675190
Ion Ratio Lower Upper
112 100
64 59.0 49.0 73.6
63 30.1 24.6 36.8

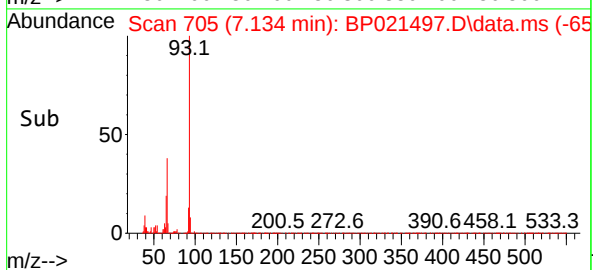
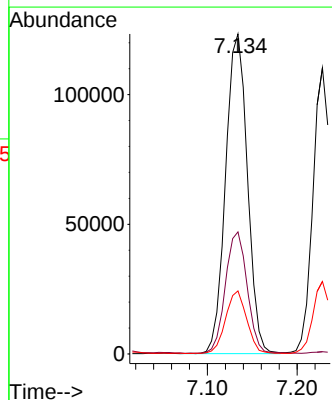
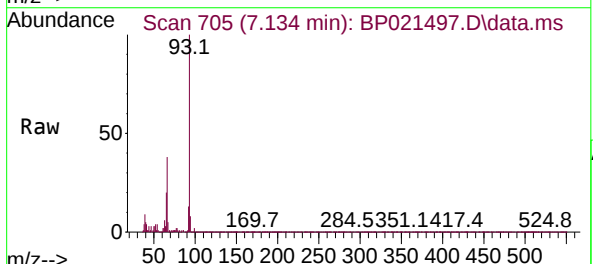
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#6
Aniline
Concen: 5.144 ng
RT: 7.134 min Scan# 705
Delta R.T. -0.000 min
Lab File: BP021497.D
Acq: 14 Aug 2024 12:48

Tgt Ion: 93 Resp: 208245
Ion Ratio Lower Upper
93 100
66 38.1 30.2 45.2
65 19.7 14.7 22.1





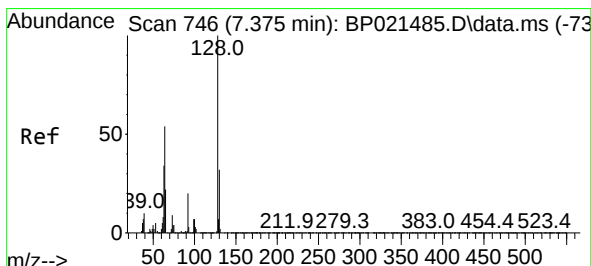
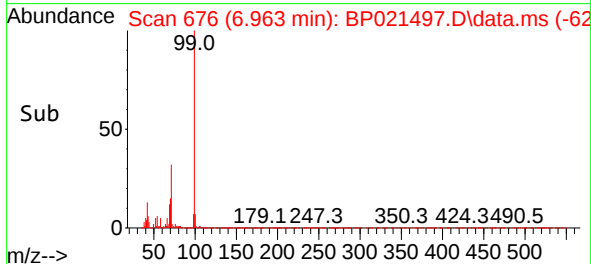
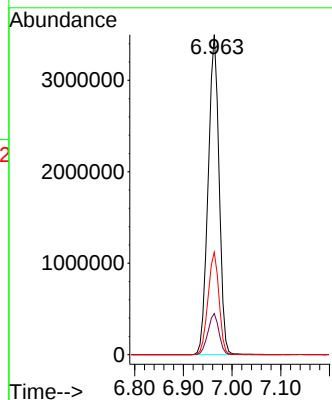
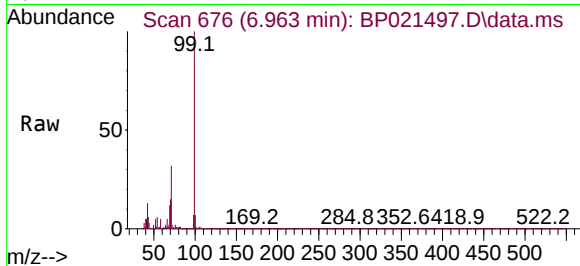
#7
Phenol-d6
Concen: 134.166 ng
RT: 6.963 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP021497.D
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Tgt Ion: 99 Resp: 5433379
Ion Ratio Lower Upper
99 100
42 12.9 10.2 15.4
71 32.0 25.8 38.8

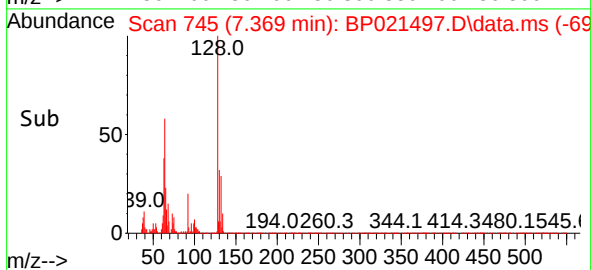
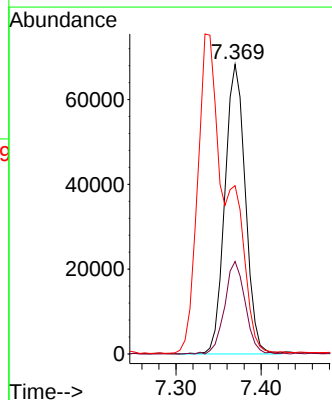
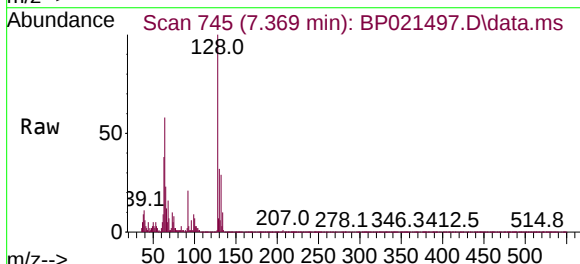
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#8
2-Chlorophenol
Concen: 4.436 ng
RT: 7.369 min Scan# 745
Delta R.T. -0.006 min
Lab File: BP021497.D
Acq: 14 Aug 2024 12:48

Tgt Ion:128 Resp: 113798
Ion Ratio Lower Upper
128 100
130 31.9 11.6 51.6
64 58.1 35.3 75.3





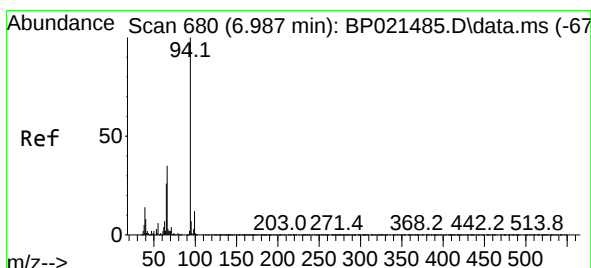
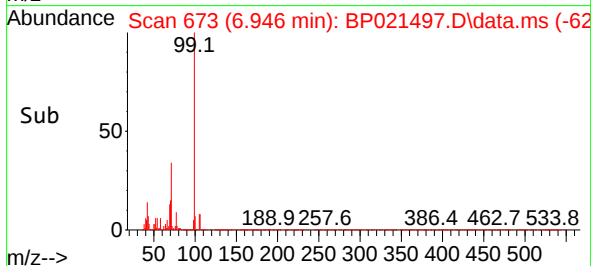
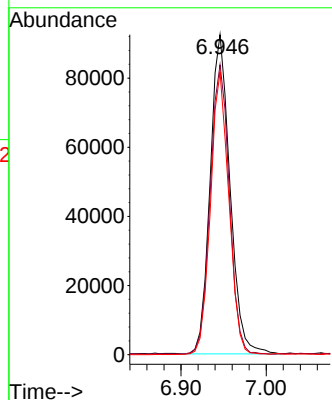
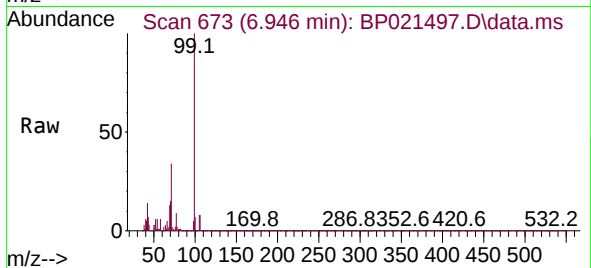
#9
Benzaldehyde
Concen: 5.765 ng
RT: 6.946 min Scan# 61
Delta R.T. -0.000 min
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Tgt Ion: 77 Resp: 14948
Ion Ratio Lower Upper
77 100
105 90.6 72.1 112.1
106 88.3 67.9 107.9

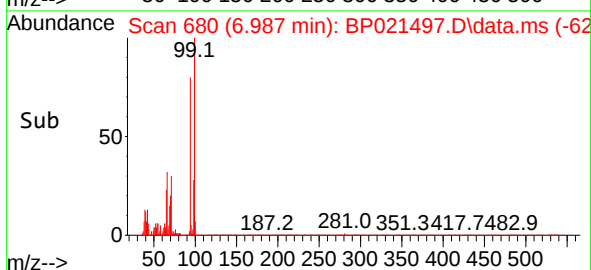
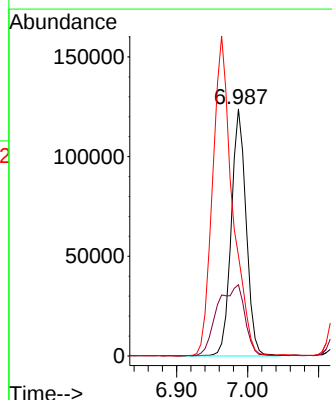
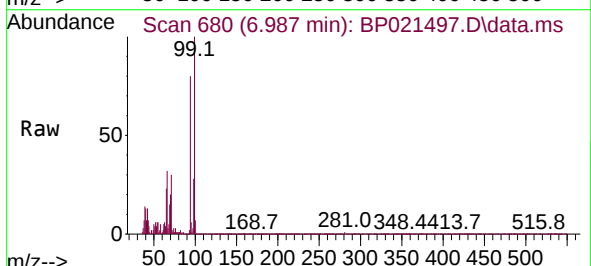
Manual Integrations
APPROVED

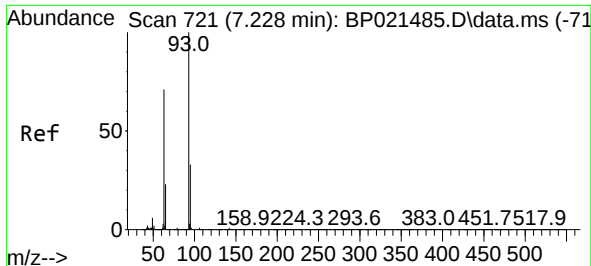
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#10
Phenol
Concen: 4.308 ng
RT: 6.987 min Scan# 680
Delta R.T. -0.000 min
Lab File: BP021497.D
Acq: 14 Aug 2024 12:48

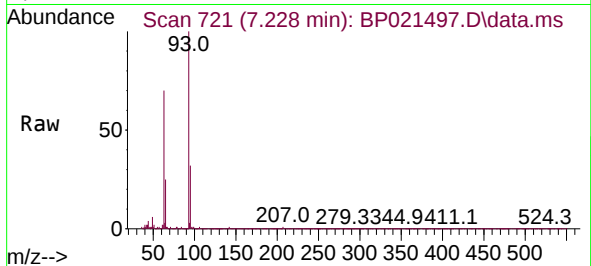
Tgt Ion: 94 Resp: 180652
Ion Ratio Lower Upper
94 100
65 28.8 6.5 46.5
66 40.6 14.7 54.7





#11
bis(2-Chloroethyl)ether
Concen: 4.485 ng
RT: 7.228 min Scan# 721
Delta R.T. -0.000 min
Lab File: BP021497.D
Acq: 14 Aug 2024 12:48

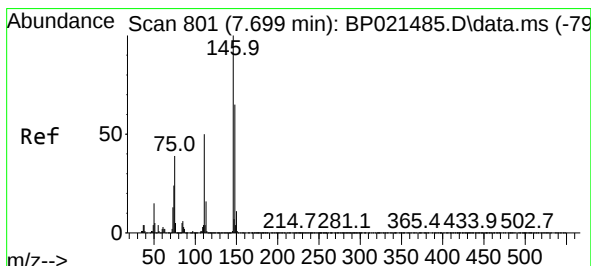
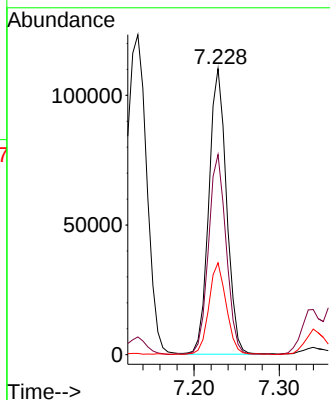
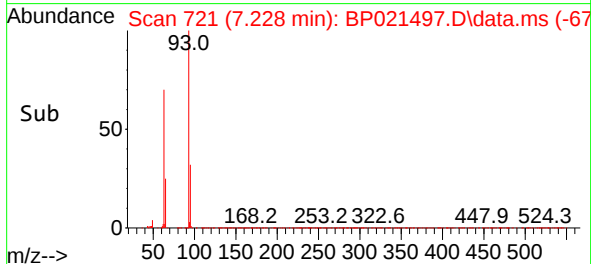
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



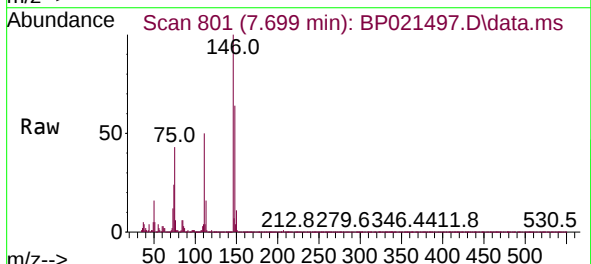
Tgt Ion: 93 Resp: 159164
Ion Ratio Lower Upper
93 100
63 70.0 51.0 91.0
95 32.1 12.9 52.9

Manual Integrations
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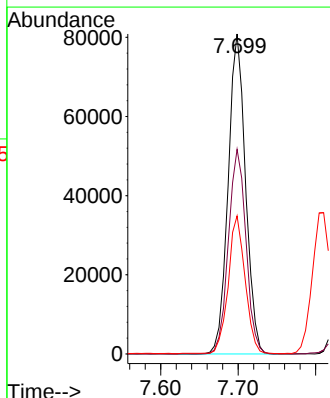
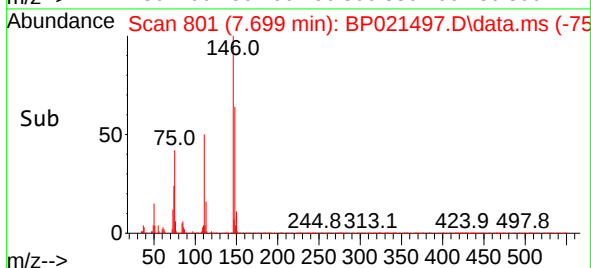
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024

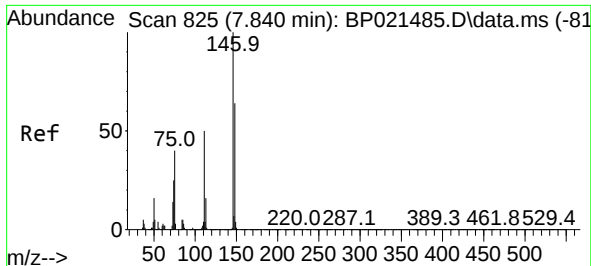


#12
1,3-Dichlorobenzene
Concen: 4.146 ng
RT: 7.699 min Scan# 801
Delta R.T. -0.000 min
Lab File: BP021497.D
Acq: 14 Aug 2024 12:48



Tgt Ion:146 Resp: 126330
Ion Ratio Lower Upper
146 100
148 64.0 51.8 77.6
75 43.2 31.3 46.9





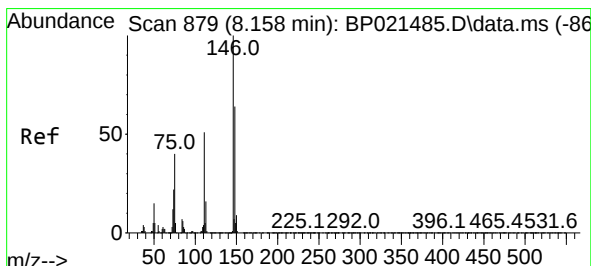
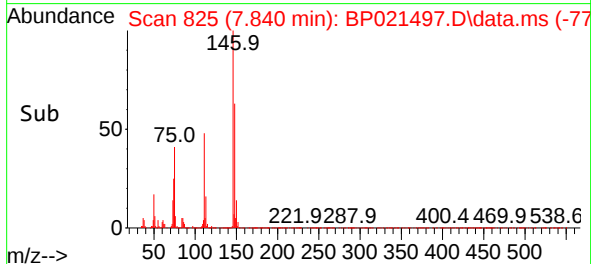
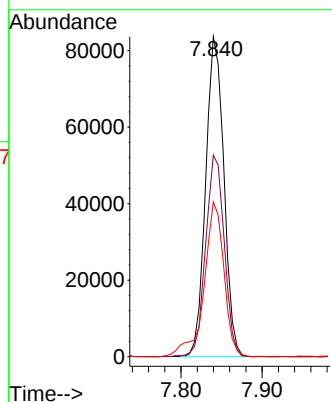
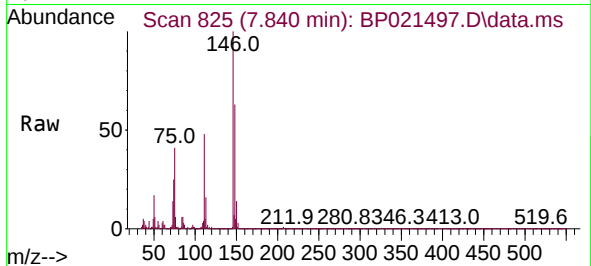
#13
1,4-Dichlorobenzene
Concen: 4.225 ng
RT: 7.840 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP021497.D
Acq: 14 Aug 2024 12:48

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

Tgt Ion:146 Resp: 130010
Ion Ratio Lower Upper
146 100
148 63.0 51.5 77.3
111 48.3 40.3 60.5

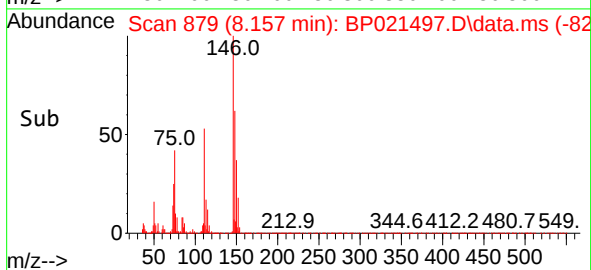
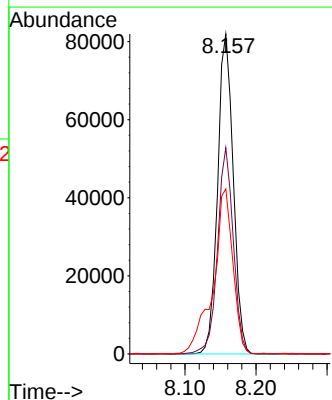
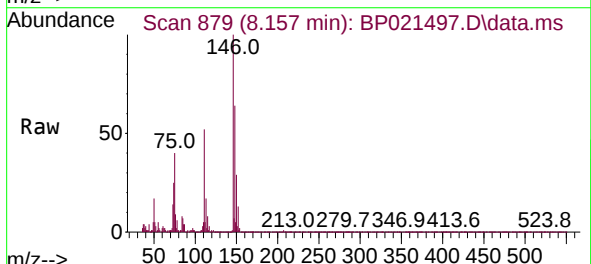
Manual Integrations
APPROVED

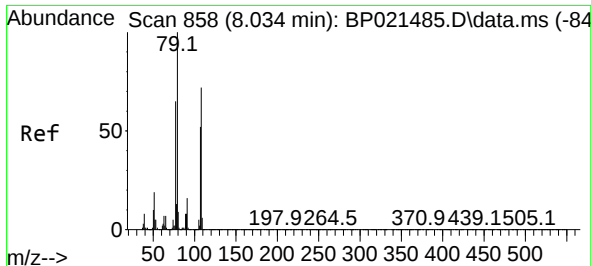
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#14
1,2-Dichlorobenzene
Concen: 4.202 ng
RT: 8.157 min Scan# 879
Delta R.T. -0.000 min
Lab File: BP021497.D
Acq: 14 Aug 2024 12:48

Tgt Ion:146 Resp: 124612
Ion Ratio Lower Upper
146 100
148 64.4 51.5 77.3
111 51.6 41.1 61.7





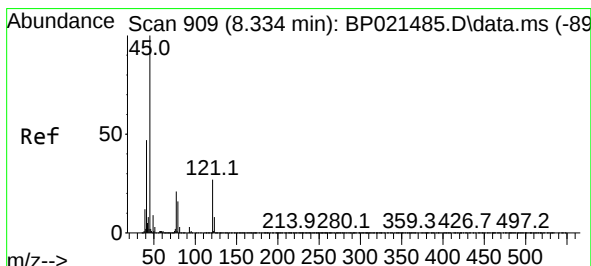
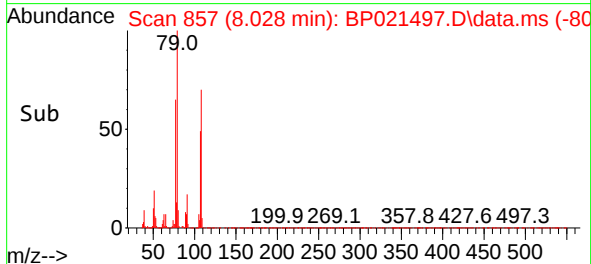
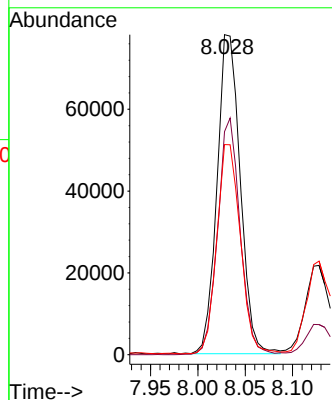
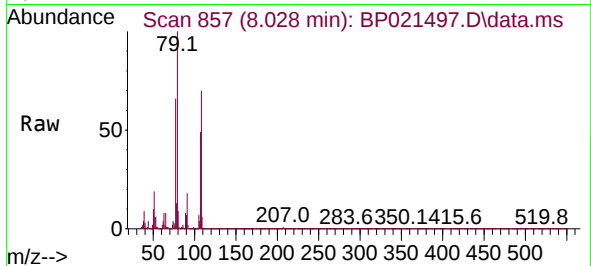
#15
Benzyl Alcohol
Concen: 4.592 ng
RT: 8.028 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP021497.D
Acq: 14 Aug 2024 12:48

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

Tgt Ion: 79 Resp: 13343
Ion Ratio Lower Upper
79 100
108 69.7 57.9 86.9
77 65.7 51.8 77.8

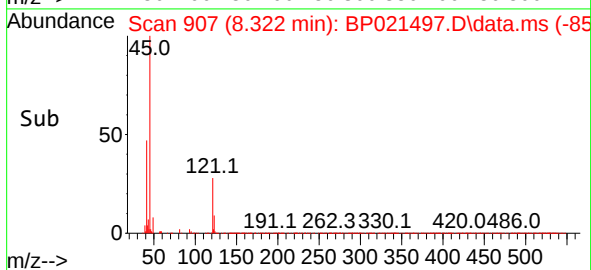
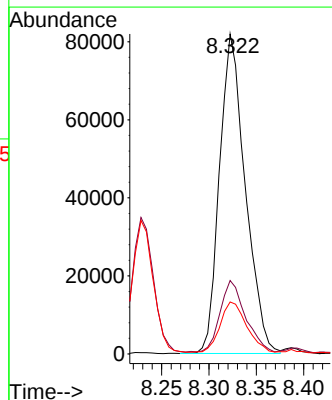
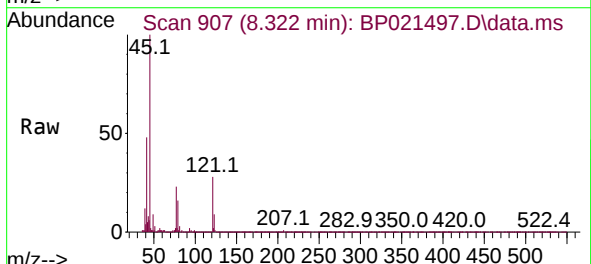
Manual Integrations
APPROVED

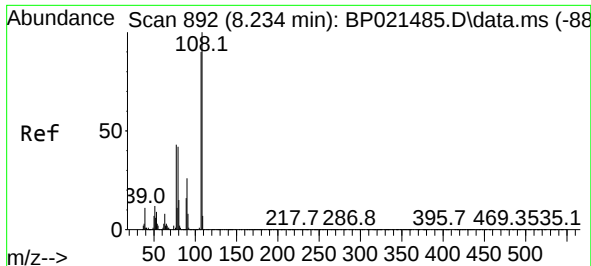
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.753 ng
RT: 8.322 min Scan# 907
Delta R.T. -0.012 min
Lab File: BP021497.D
Acq: 14 Aug 2024 12:48

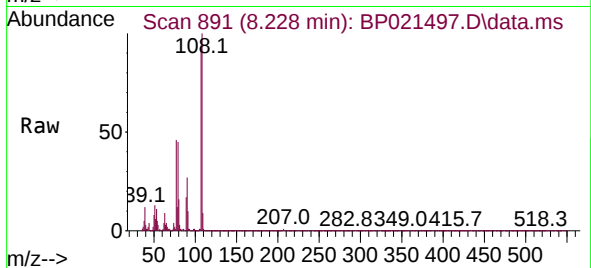
Tgt Ion: 45 Resp: 155314
Ion Ratio Lower Upper
45 100
77 22.9 1.9 41.9
79 16.3 0.0 36.6





#17
2-Methylphenol
Concen: 4.246 ng
RT: 8.228 min Scan# 891
Delta R.T. -0.006 min
Lab File: BP021497.D
Acq: 14 Aug 2024 12:48

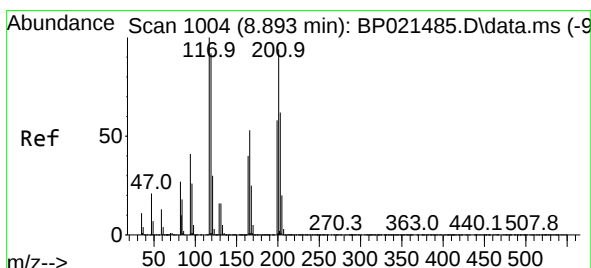
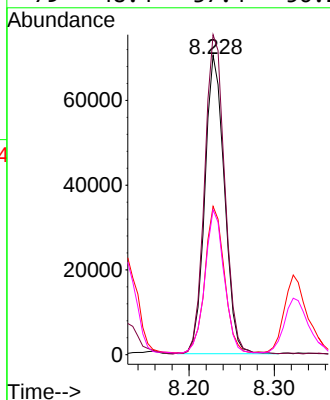
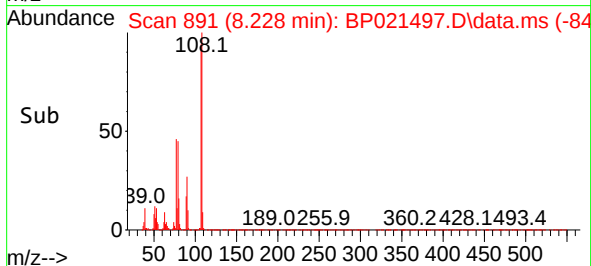
Instrument : BNA_P
ClientSampleId : LOD-MDL-WATER-01-QT3-2024



Tgt Ion:107 Resp: 112578
Ion Ratio Lower Upper
107 100
108 106.9 88.8 133.2
77 49.5 38.7 58.1
79 48.4 37.4 56.2

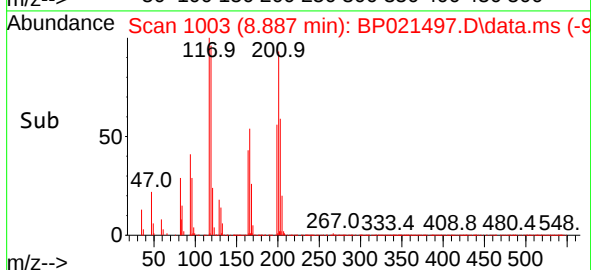
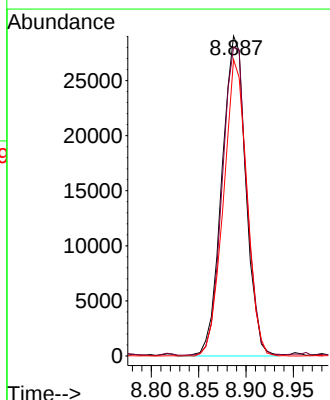
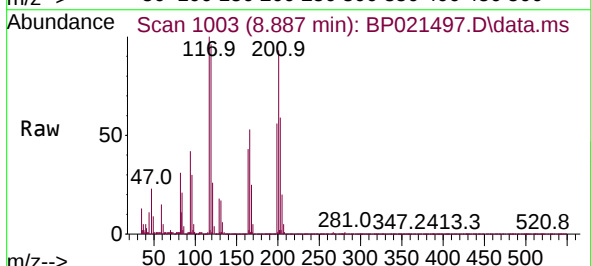
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#18
Hexachloroethane
Concen: 4.156 ng
RT: 8.887 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BP021497.D
Acq: 14 Aug 2024 12:48

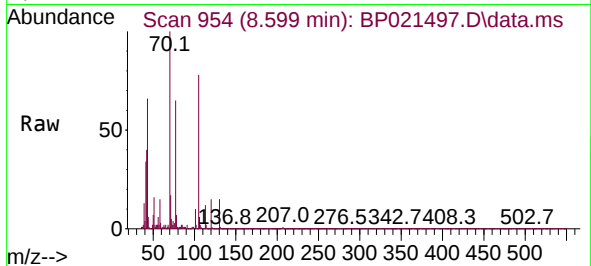
Tgt Ion:117 Resp: 51277
Ion Ratio Lower Upper
117 100
119 96.5 73.9 110.9
201 92.7 74.9 112.3





#19
n-Nitroso-di-n-propylamine
Concen: 4.879 ng
RT: 8.599 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP021497.D
Acq: 14 Aug 2024 12:48

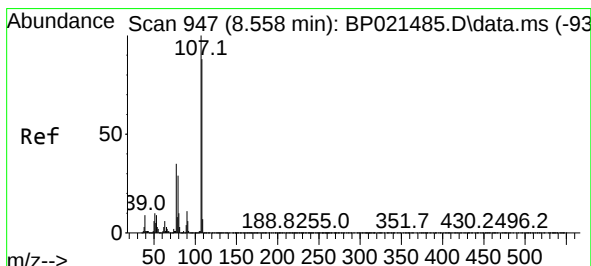
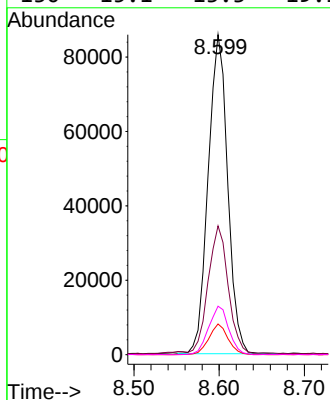
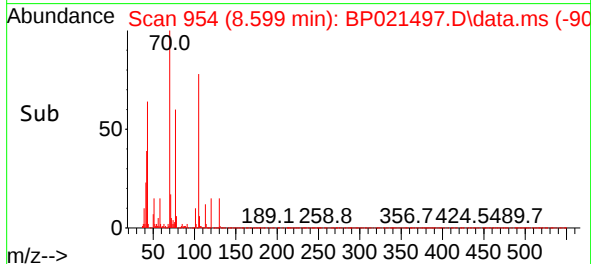
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



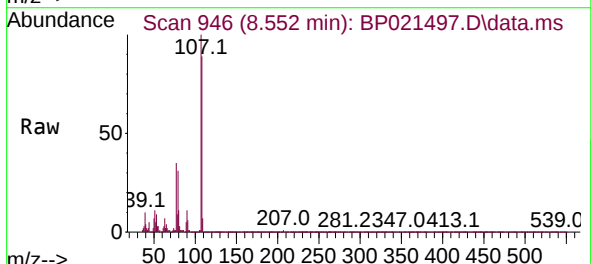
Tgt Ion: 70 Resp: 13648
Ion Ratio Lower Upper
70 100
42 40.3 33.1 49.7
101 9.6 7.4 11.2
130 15.1 13.3 19.9

Manual Integrations
APPROVED

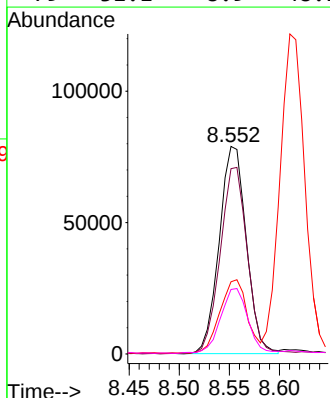
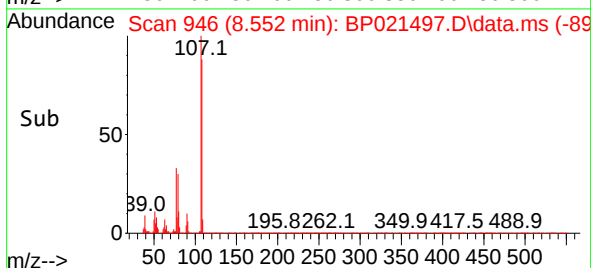
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024

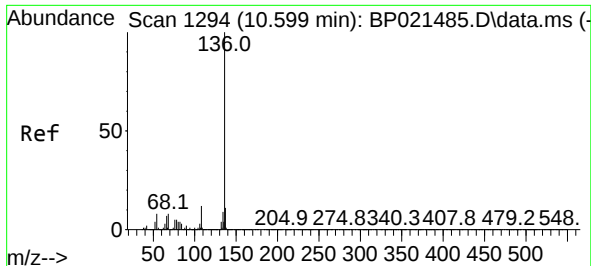


#20
3+4-Methylphenols
Concen: 4.146 ng
RT: 8.552 min Scan# 946
Delta R.T. -0.006 min
Lab File: BP021497.D
Acq: 14 Aug 2024 12:48



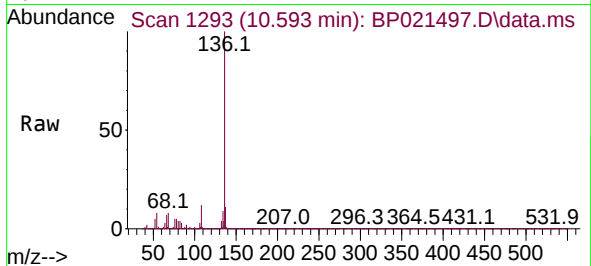
Tgt Ion:107 Resp: 148207
Ion Ratio Lower Upper
107 100
108 89.3 67.6 107.6
77 34.8 15.0 55.0
79 31.1 8.9 48.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.593 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BP021497.D
Acq: 14 Aug 2024 12:48

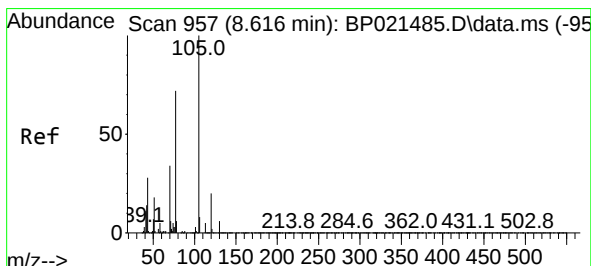
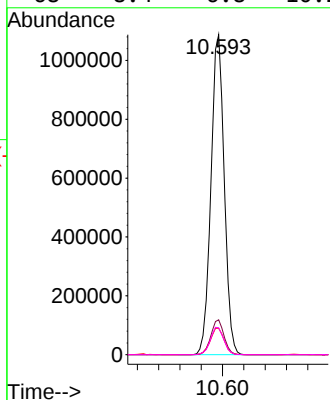
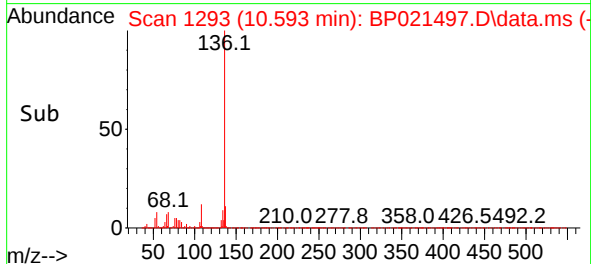
Instrument : BNA_P
ClientSampleId : LOD-MDL-WATER-01-QT3-2024



Tgt Ion:136 Resp: 1881119
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.2 6.3 9.5
68 8.4 6.8 10.2

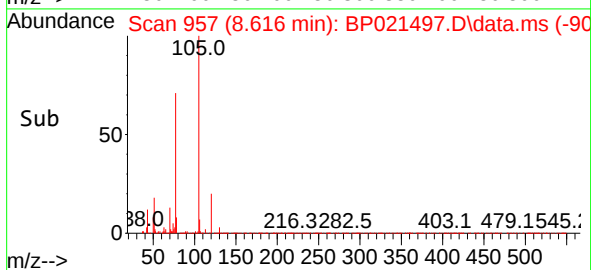
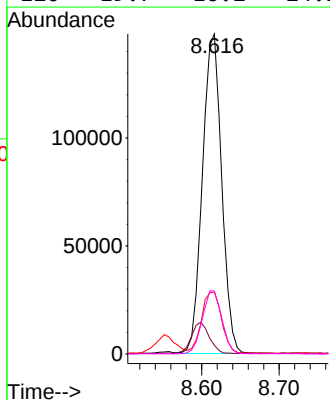
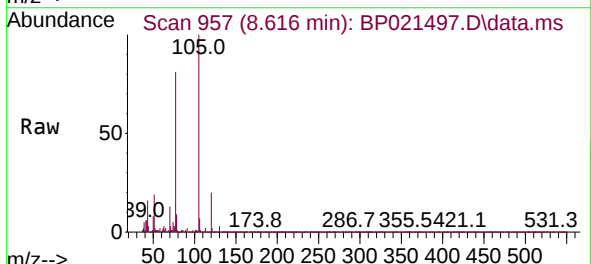
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#22
Acetophenone
Concen: 4.413 ng
RT: 8.616 min Scan# 957
Delta R.T. -0.000 min
Lab File: BP021497.D
Acq: 14 Aug 2024 12:48

Tgt Ion:105 Resp: 255009
Ion Ratio Lower Upper
105 100
71 2.7 4.6 7.0#
51 19.4 16.3 24.5
120 19.7 16.2 24.2





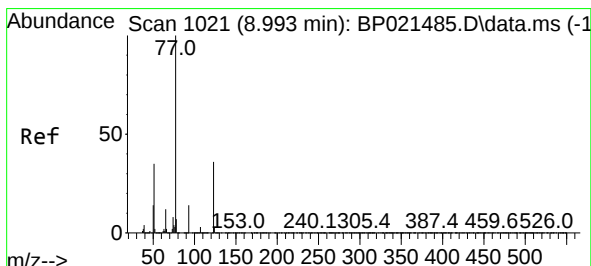
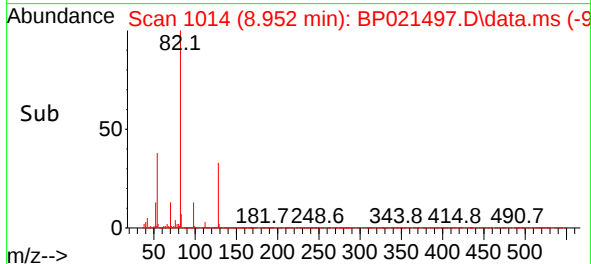
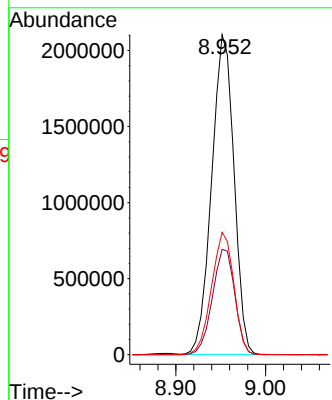
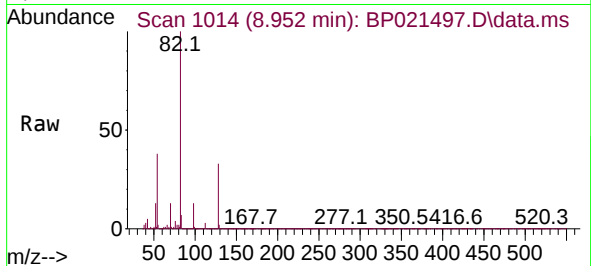
#23
Nitrobenzene-d5
Concen: 99.732 ng
RT: 8.952 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BP021497.D
Acq: 14 Aug 2024 12:48

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

Tgt Ion: 82 Resp: 3634758
Ion Ratio Lower Upper
82 100
128 32.9 26.5 39.7
54 38.2 30.3 45.5

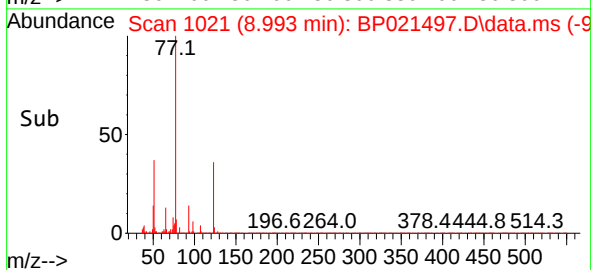
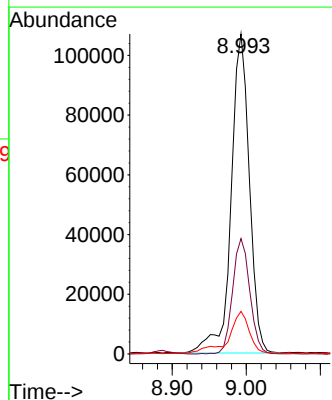
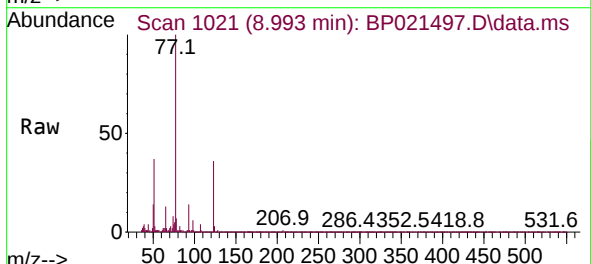
Manual Integrations
APPROVED

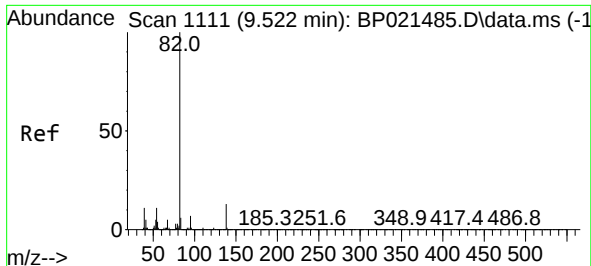
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#24
Nitrobenzene
Concen: 4.616 ng
RT: 8.993 min Scan# 1021
Delta R.T. -0.000 min
Lab File: BP021497.D
Acq: 14 Aug 2024 12:48

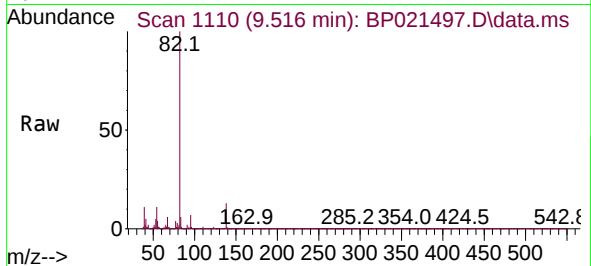
Tgt Ion: 77 Resp: 182733
Ion Ratio Lower Upper
77 100
123 36.0 29.5 44.3
65 13.3 9.9 14.9





#25
Isophorone
Concen: 4.452 ng
RT: 9.516 min Scan# 1111
Delta R.T. -0.006 min
Lab File: BP021497.D
Acq: 14 Aug 2024 12:48

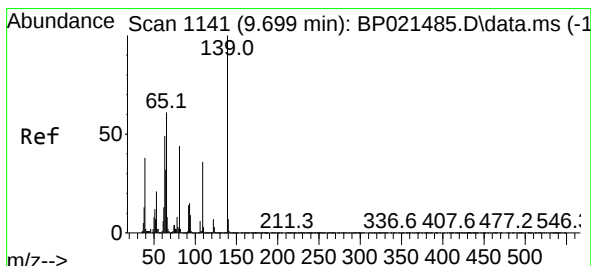
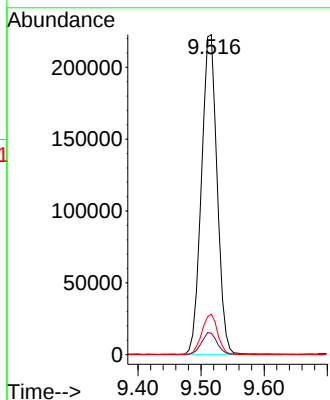
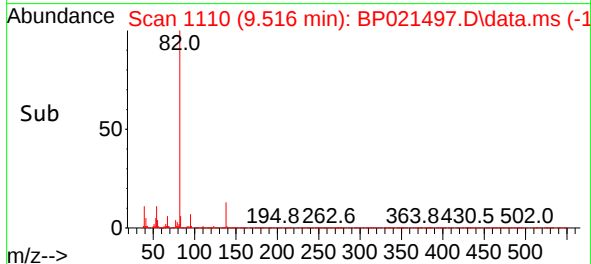
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



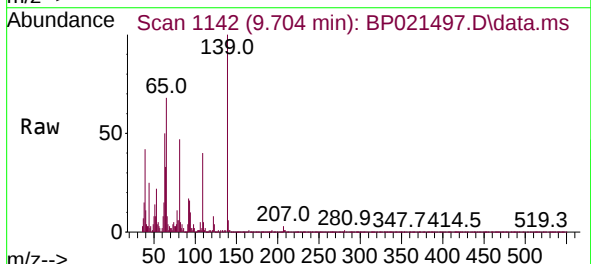
Tgt Ion: 82 Resp: 383358
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.2
138 12.7 10.6 16.0

Manual Integrations
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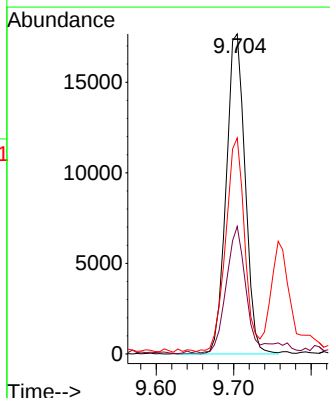
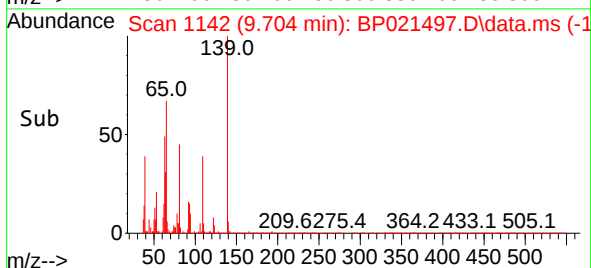
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024

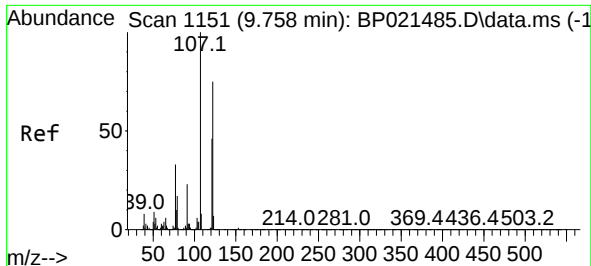


#26
2-Nitrophenol
Concen: 5.269 ng
RT: 9.704 min Scan# 1142
Delta R.T. 0.005 min
Lab File: BP021497.D
Acq: 14 Aug 2024 12:48



Tgt Ion:139 Resp: 30082
Ion Ratio Lower Upper
139 100
109 39.8 28.9 43.3
65 67.5 49.0 73.6





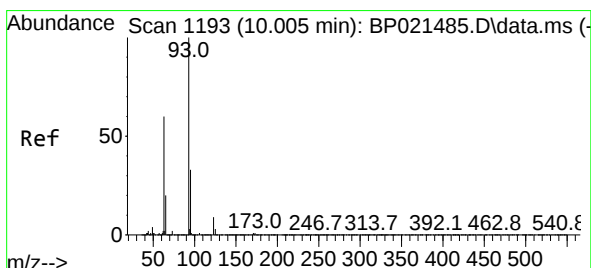
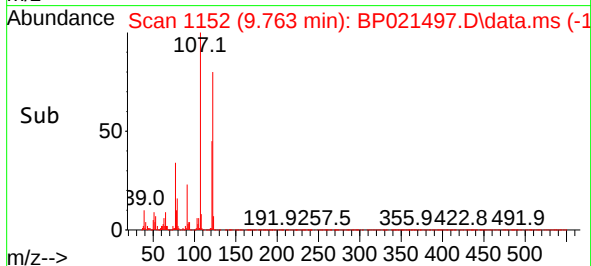
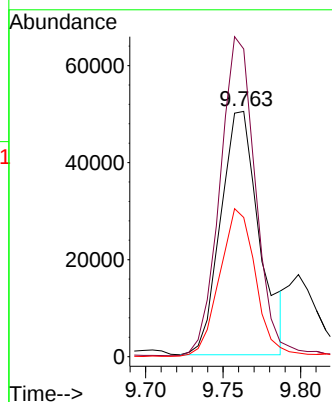
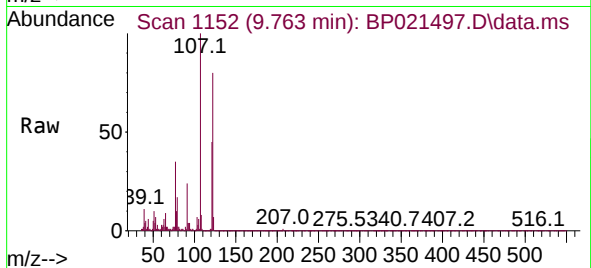
#27
2,4-Dimethylphenol
Concen: 4.103 ng
RT: 9.763 min Scan# 1151
Delta R.T. 0.006 min
Lab File: BP021497.D
Acq: 14 Aug 2024 12:48

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

Tgt Ion:122 Resp: 8717
Ion Ratio Lower Upper
122 100
107 125.4 106.2 159.4
121 56.8 48.8 73.2

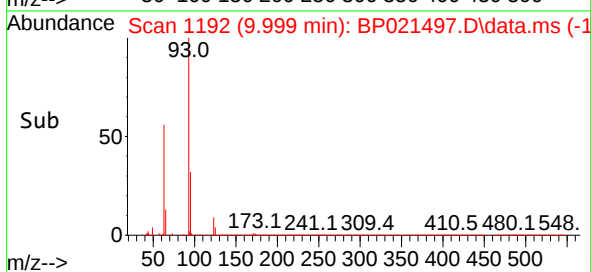
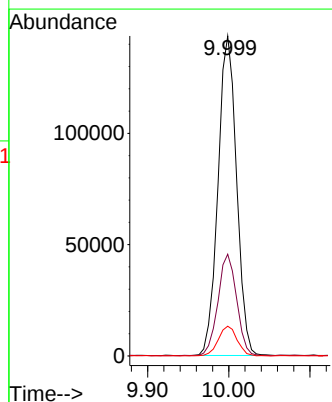
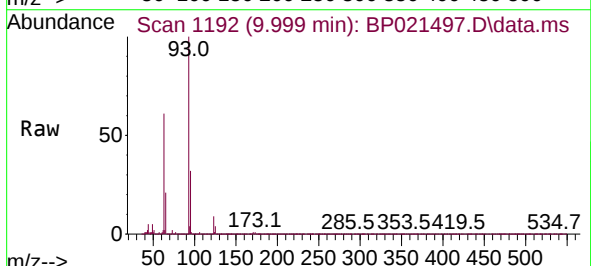
Manual Integrations
APPROVED

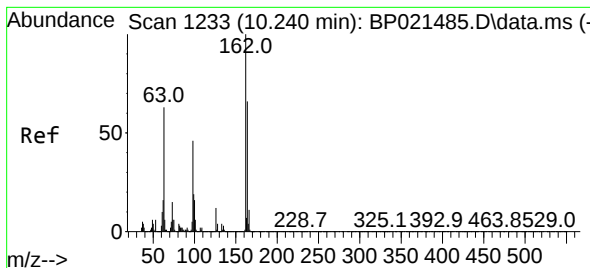
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#28
bis(2-Chloroethoxy)methane
Concen: 4.345 ng
RT: 9.999 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BP021497.D
Acq: 14 Aug 2024 12:48

Tgt Ion: 93 Resp: 228359
Ion Ratio Lower Upper
93 100
95 31.8 26.2 39.4
123 9.3 7.6 11.4





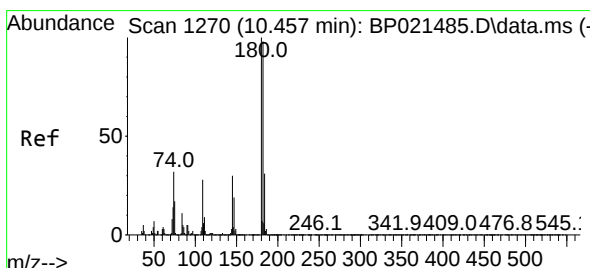
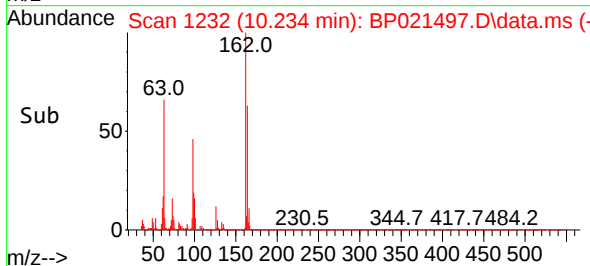
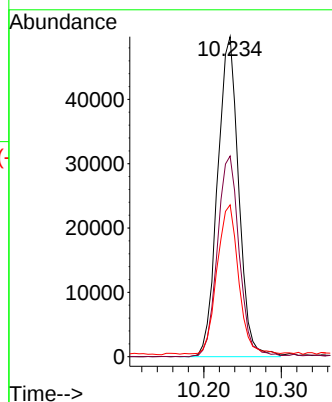
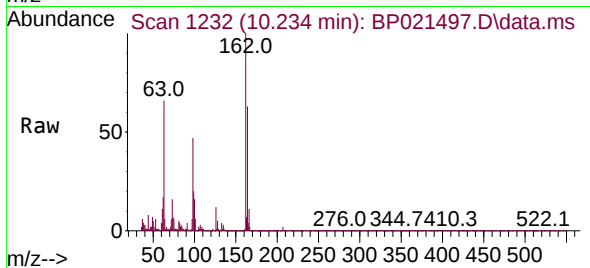
#29
2,4-Dichlorophenol
Concen: 3.750 ng
RT: 10.234 min Scan# 1233
Delta R.T. -0.006 min
Lab File: BP021497.D
Acq: 14 Aug 2024 12:48

Instrument : BNA_P
ClientSampleId : LOD-MDL-WATER-01-QT3-2024

Tgt Ion:162 Resp: 9415
Ion Ratio Lower Upper
162 100
164 62.7 45.9 85.9
98 47.4 26.3 66.3

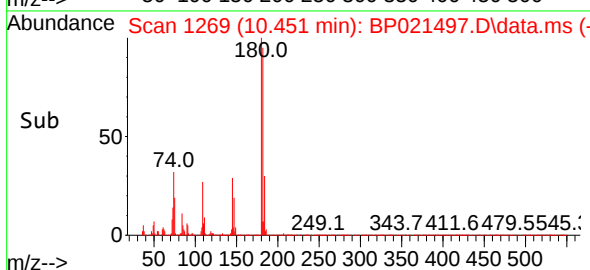
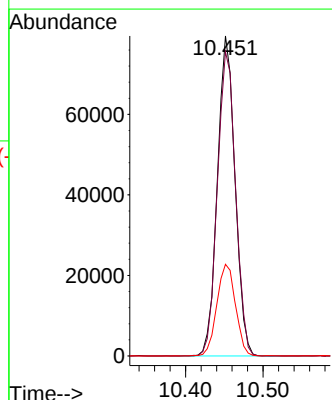
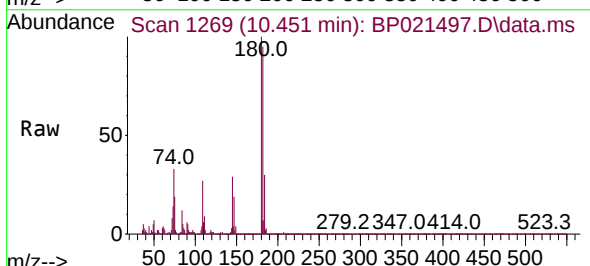
Manual Integrations
APPROVED

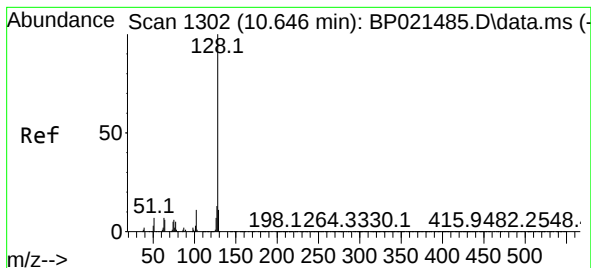
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#30
1,2,4-Trichlorobenzene
Concen: 3.901 ng
RT: 10.451 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BP021497.D
Acq: 14 Aug 2024 12:48

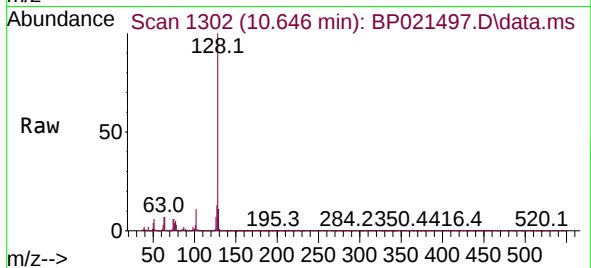
Tgt Ion:180 Resp: 125547
Ion Ratio Lower Upper
180 100
182 95.1 78.3 117.5
145 28.6 24.0 36.0





#31
Naphthalene
Concen: 4.161 ng
RT: 10.646 min Scan# 1158
Delta R.T. -0.000 min
Lab File: BP021497.D
Acq: 14 Aug 2024 12:48

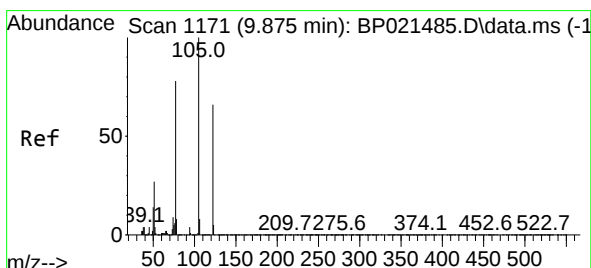
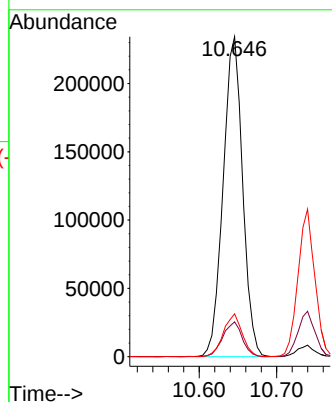
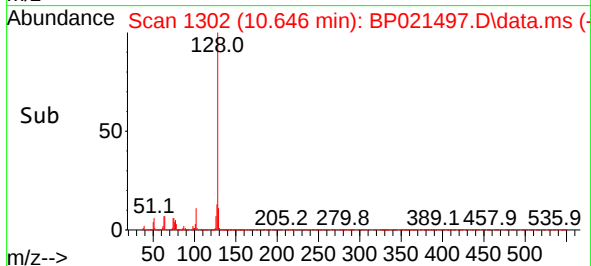
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



Tgt Ion:128 Resp: 408924
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 13.4 10.6 15.8

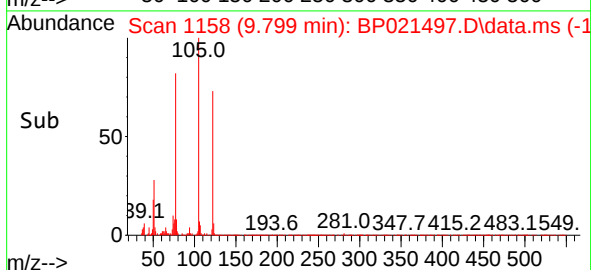
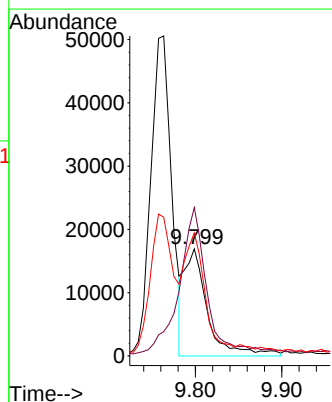
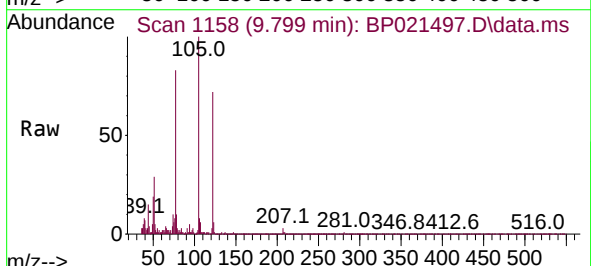
Manual Integrations
APPROVED

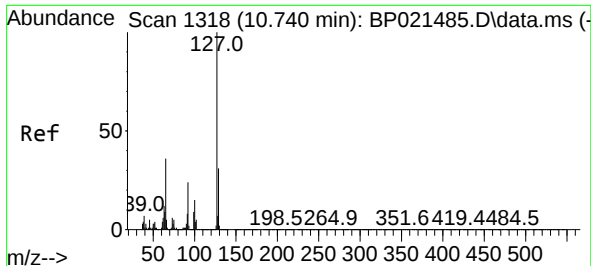
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#32
Benzoic acid
Concen: 6.439 ng m
RT: 9.799 min Scan# 1158
Delta R.T. -0.076 min
Lab File: BP021497.D
Acq: 14 Aug 2024 12:48

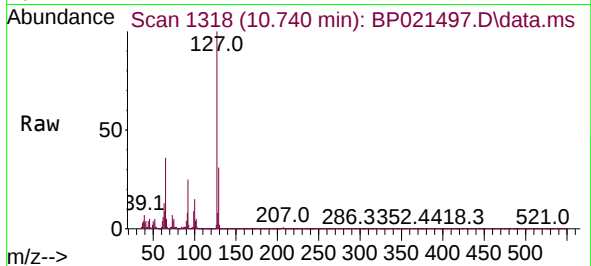
Tgt Ion:122 Resp: 31816
Ion Ratio Lower Upper
122 100
105 138.7 124.6 164.6
77 115.0 96.2 136.2





#33
4-Chloroaniline
Concen: 4.410 ng
RT: 10.740 min Scan# 1318
Delta R.T. -0.000 min
Lab File: BP021497.D
Acq: 14 Aug 2024 12:48

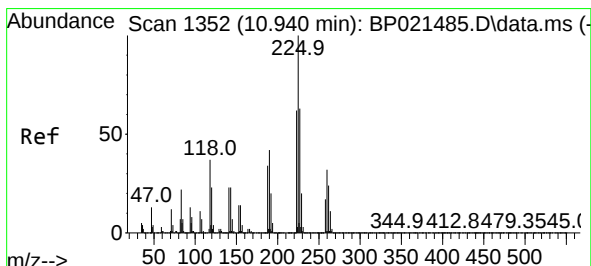
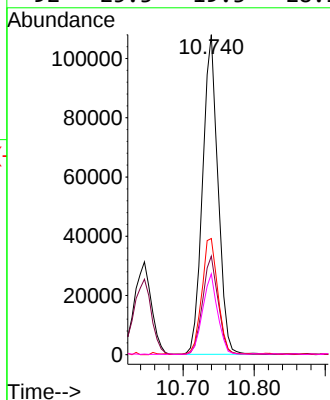
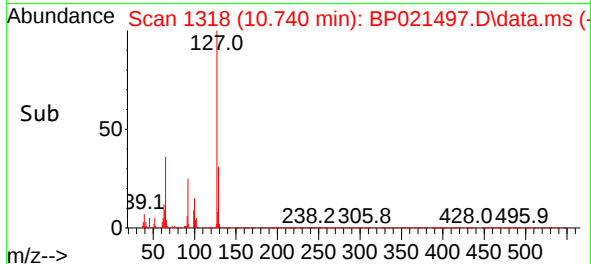
Instrument : BNA_P
ClientSampleId : LOD-MDL-WATER-01-QT3-2024



Tgt Ion:127 Resp: 162780
Ion Ratio Lower Upper
127 100
129 30.8 24.5 36.7
65 36.3 28.9 43.3
92 25.3 19.3 28.9

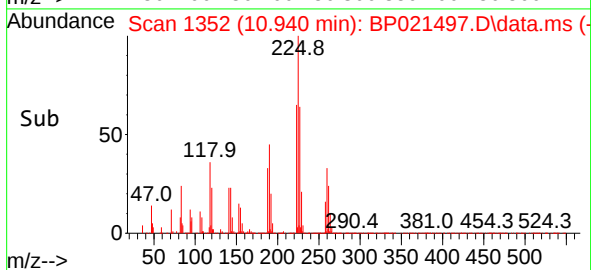
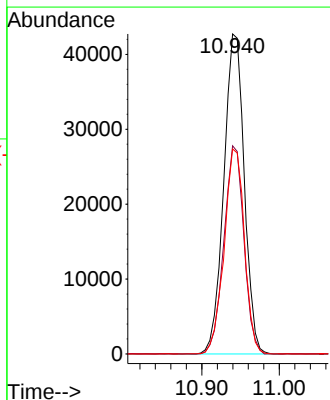
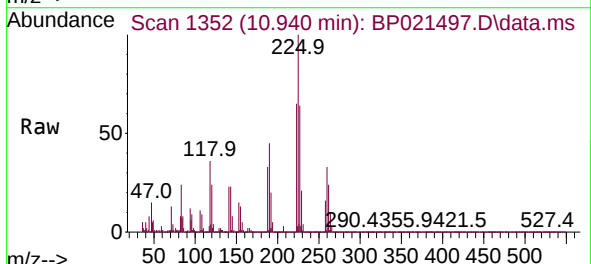
Manual Integrations
APPROVED

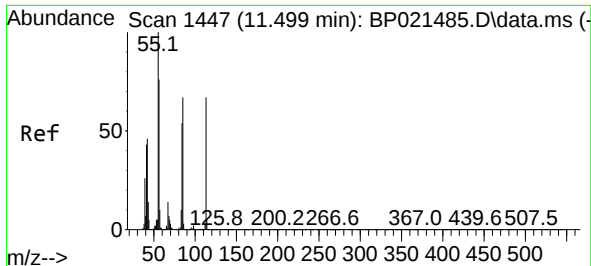
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#34
Hexachlorobutadiene
Concen: 3.879 ng
RT: 10.940 min Scan# 1352
Delta R.T. -0.000 min
Lab File: BP021497.D
Acq: 14 Aug 2024 12:48

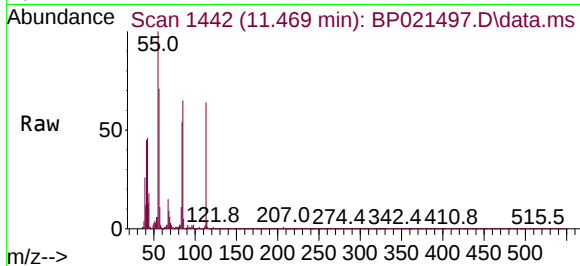
Tgt Ion:225 Resp: 78616
Ion Ratio Lower Upper
225 100
223 65.1 49.6 74.4
227 64.0 50.1 75.1





#35
Caprolactam
Concen: 3.906 ng
RT: 11.469 min Scan# 1447
Delta R.T. -0.030 min
Lab File: BP021497.D
Acq: 14 Aug 2024 12:48

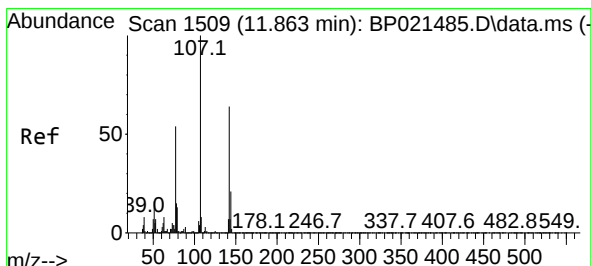
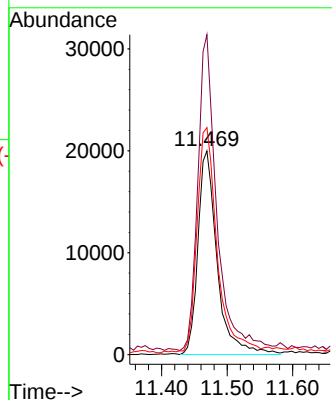
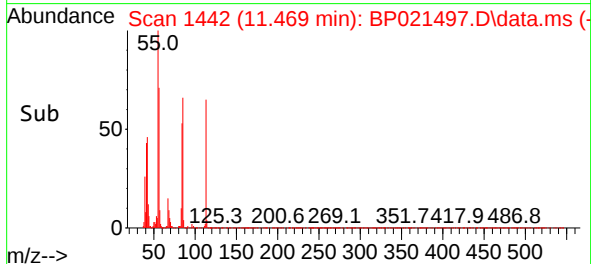
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



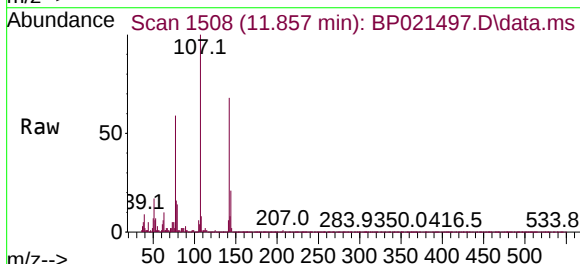
Tgt Ion:113 Resp: 4081
Ion Ratio Lower Upper
113 100
55 157.1 130.6 170.6
56 111.5 94.6 134.6

Manual Integrations
APPROVED

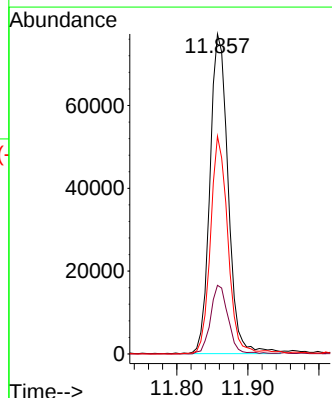
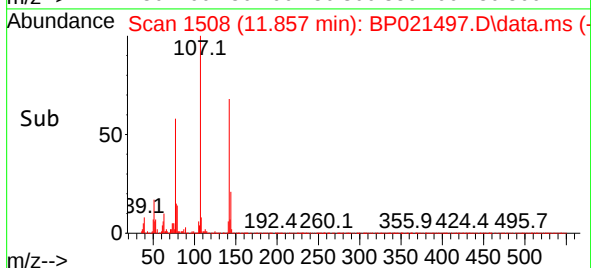
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024

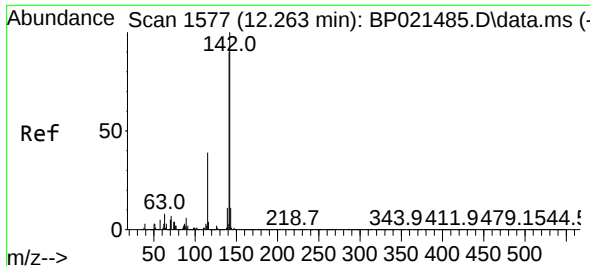


#36
4-Chloro-3-methylphenol
Concen: 3.949 ng
RT: 11.857 min Scan# 1508
Delta R.T. -0.006 min
Lab File: BP021497.D
Acq: 14 Aug 2024 12:48



Tgt Ion:107 Resp: 137532
Ion Ratio Lower Upper
107 100
144 21.5 16.6 24.8
142 68.0 51.0 76.4





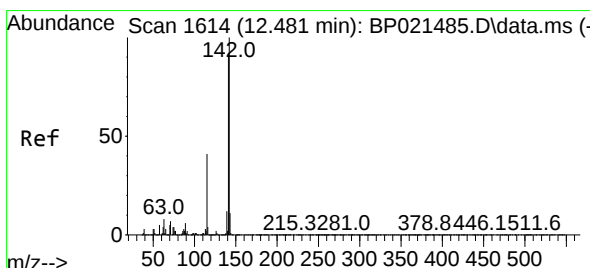
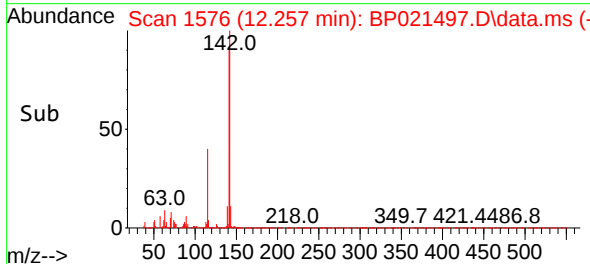
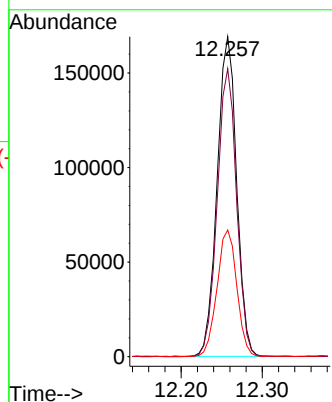
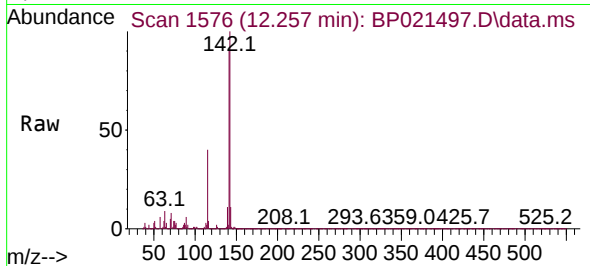
#37
2-Methylnaphthalene
Concen: 4.208 ng
RT: 12.257 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BP021497.D
Acq: 14 Aug 2024 12:48

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

Tgt Ion:142 Resp: 282219
Ion Ratio Lower Upper
142 100
141 90.0 71.7 107.5
115 39.6 31.4 47.2

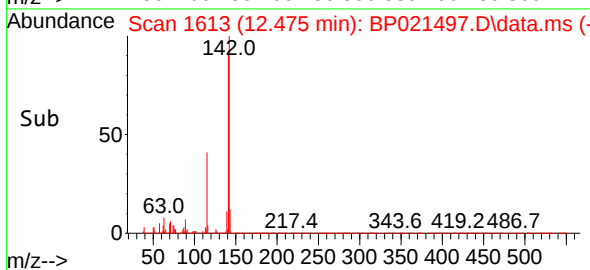
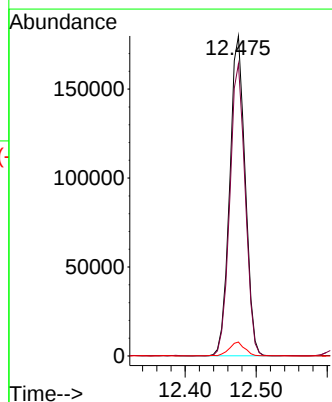
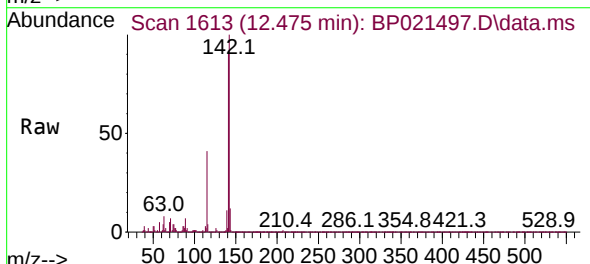
Manual Integrations
APPROVED

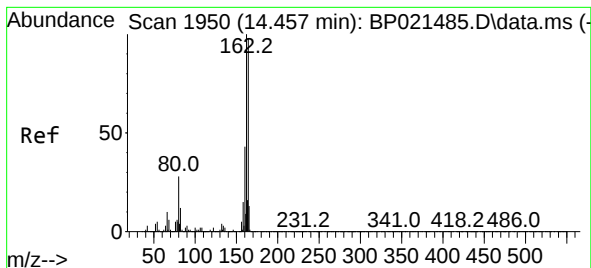
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#38
1-Methylnaphthalene
Concen: 4.118 ng
RT: 12.475 min Scan# 1613
Delta R.T. -0.006 min
Lab File: BP021497.D
Acq: 14 Aug 2024 12:48

Tgt Ion:142 Resp: 272390
Ion Ratio Lower Upper
142 100
141 91.3 73.5 110.3
116 4.4 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.457 min Scan# 1950

Delta R.T. -0.000 min

Lab File: BP021497.D

Acq: 14 Aug 2024 12:48

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024

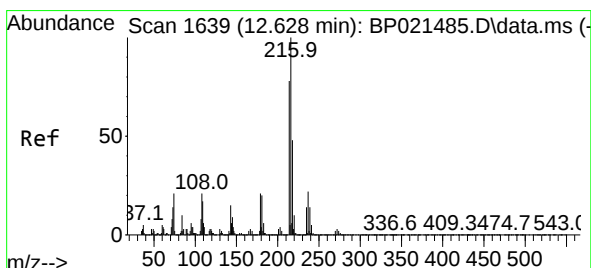
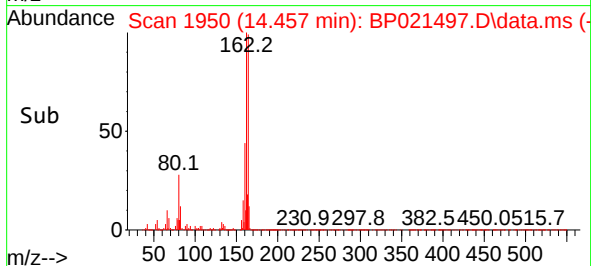
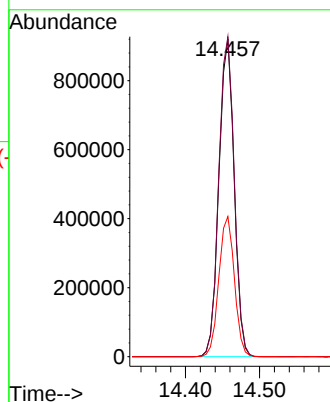
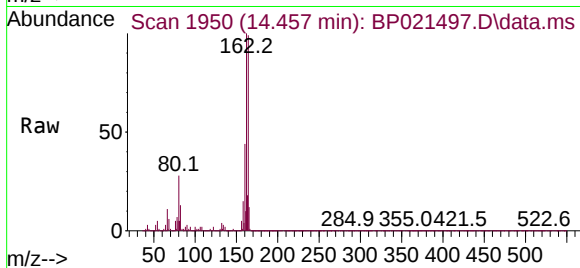
Tgt Ion:164 Resp: 1314649

Ion	Ratio	Lower	Upper
164	100		
162	100.7	81.5	122.3
160	44.1	35.2	52.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 4.123 ng

RT: 12.622 min Scan# 1638

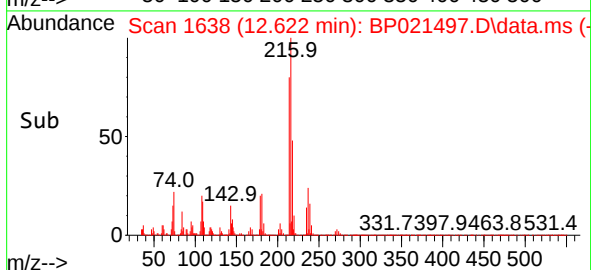
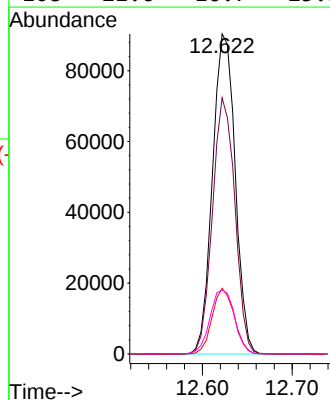
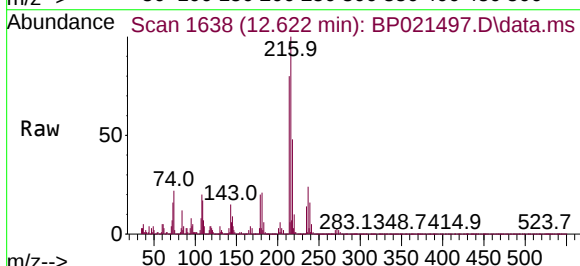
Delta R.T. -0.006 min

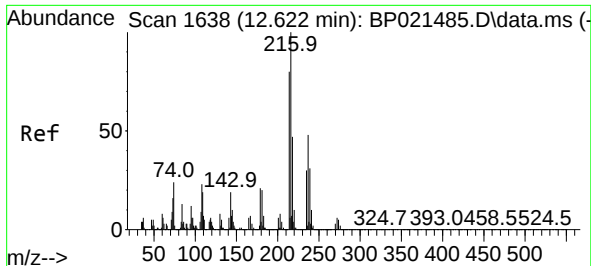
Lab File: BP021497.D

Acq: 14 Aug 2024 12:48

Tgt Ion:216 Resp: 158826

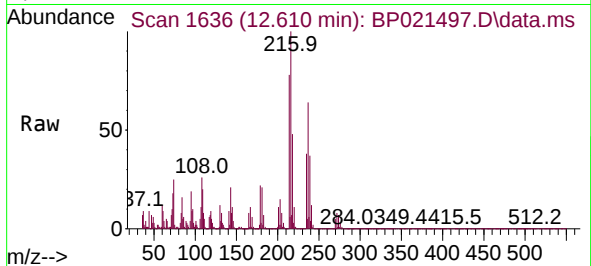
Ion	Ratio	Lower	Upper
216	100		
214	78.9	62.5	93.7
179	20.0	16.4	24.6
108	21.6	16.7	25.1





#41
Hexachlorocyclopentadiene
Concen: 4.092 ng
RT: 12.610 min Scan# 1636
Delta R.T. -0.012 min
Lab File: BP021497.D
Acq: 14 Aug 2024 12:48

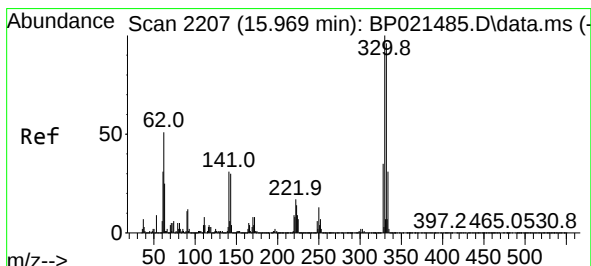
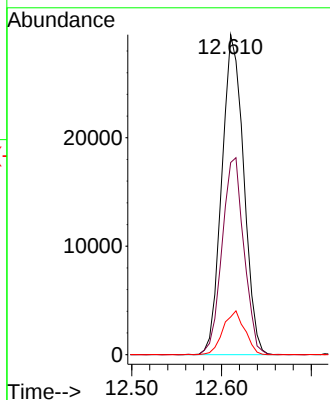
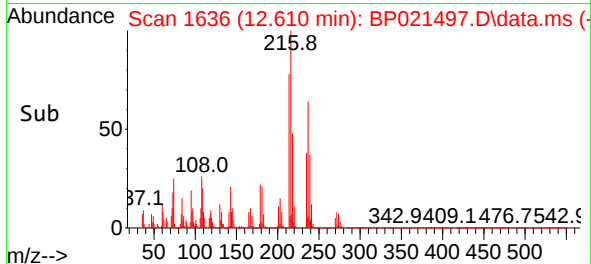
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



Tgt Ion: 237 Resp: 4995
Ion Ratio Lower Upper
237 100
235 60.0 43.9 83.9
272 11.8 0.0 33.3

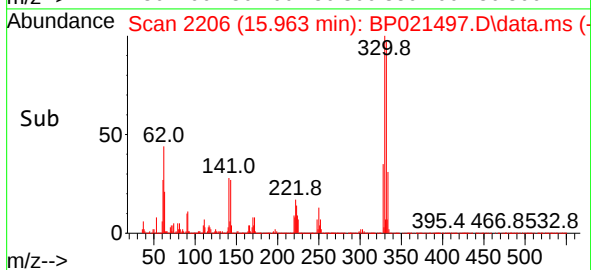
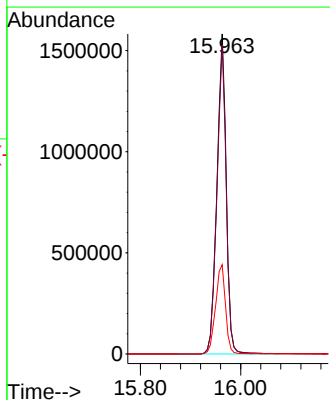
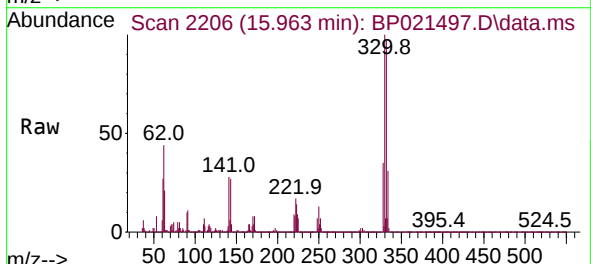
Manual Integrations
APPROVED

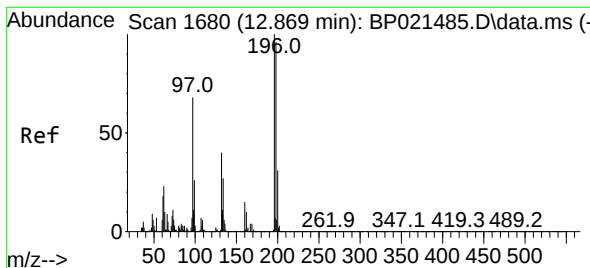
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#42
2,4,6-Tribromophenol
Concen: 139.424 ng
RT: 15.963 min Scan# 2206
Delta R.T. -0.006 min
Lab File: BP021497.D
Acq: 14 Aug 2024 12:48

Tgt Ion: 330 Resp: 2039978
Ion Ratio Lower Upper
330 100
332 96.1 77.4 116.0
141 29.9 24.5 36.7





#43

2,4,6-Trichlorophenol

Concen: 3.589 ng

RT: 12.857 min Scan# 1680

Delta R.T. -0.012 min

Lab File: BP021497.D

Acq: 14 Aug 2024 12:48

Instrument :

BNA_P

ClientSampleId :

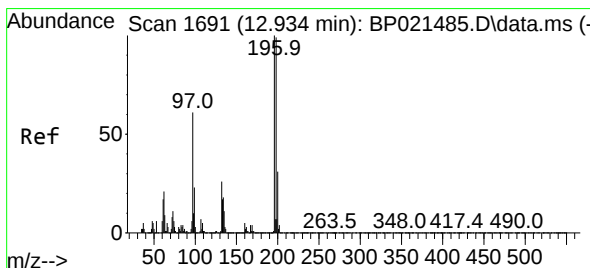
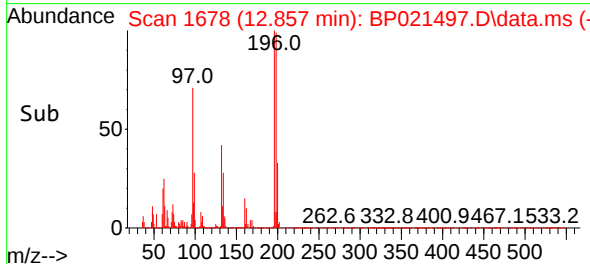
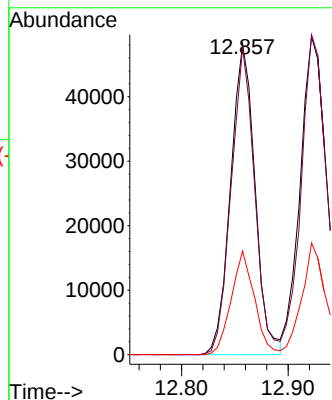
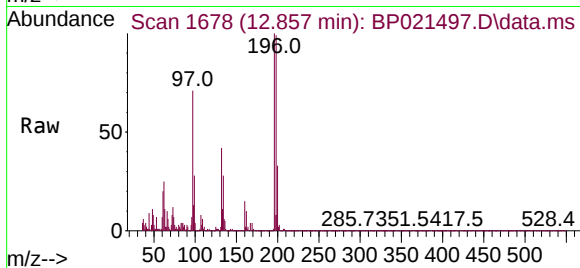
LOD-MDL-WATER-01-QT3-2024

Tgt Ion:196	Resp:	7680
Ion Ratio	Lower	Upper
196	100	
198	98.9	76.6 114.8
200	33.4	24.5 36.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#44

2,4,5-Trichlorophenol

Concen: 3.662 ng

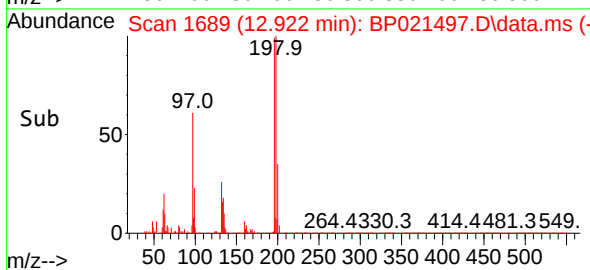
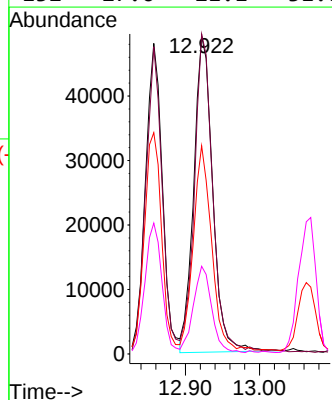
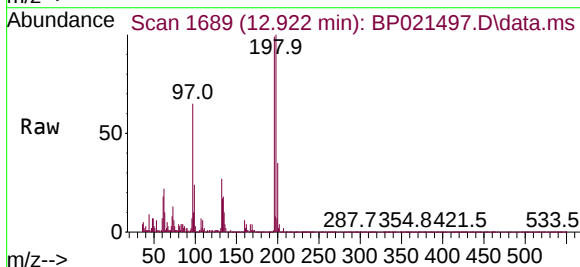
RT: 12.922 min Scan# 1689

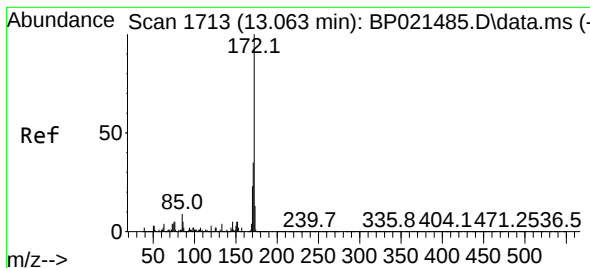
Delta R.T. -0.012 min

Lab File: BP021497.D

Acq: 14 Aug 2024 12:48

Tgt Ion:196	Resp:	87047
Ion Ratio	Lower	Upper
196	100	
198	100.6	78.9 118.3
97	65.5	49.4 74.0
132	27.6	21.1 31.7





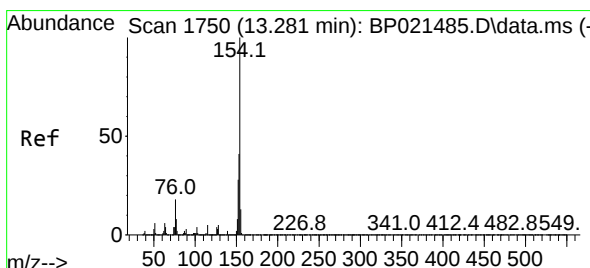
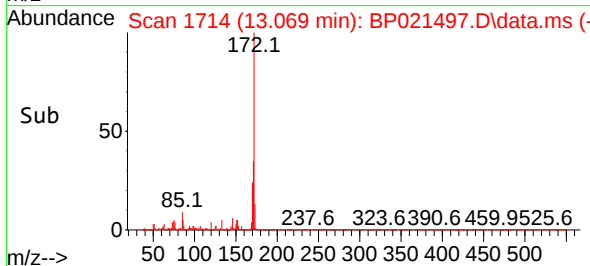
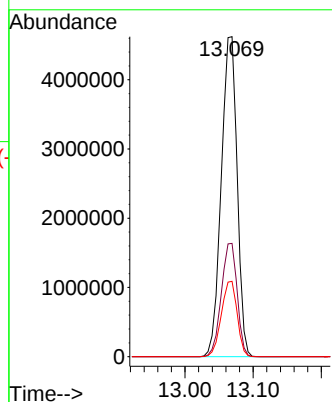
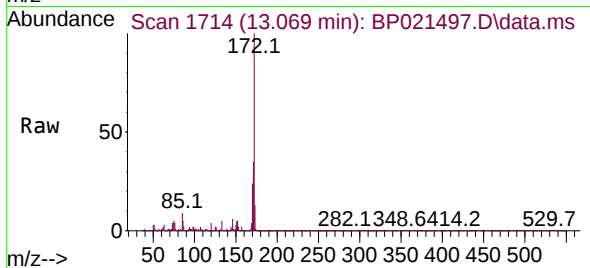
#45
2-Fluorobiphenyl
Concen: 86.868 ng
RT: 13.069 min Scan# 1713
Delta R.T. 0.006 min
Lab File: BP021497.D
Acq: 14 Aug 2024 12:48

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

Tgt Ion:172 Resp: 7482869
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.4
170 23.6 18.4 27.6

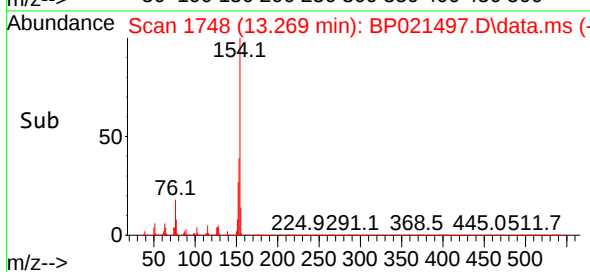
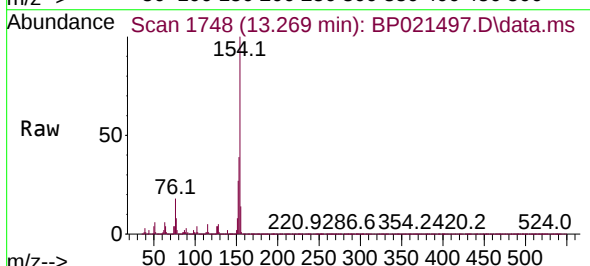
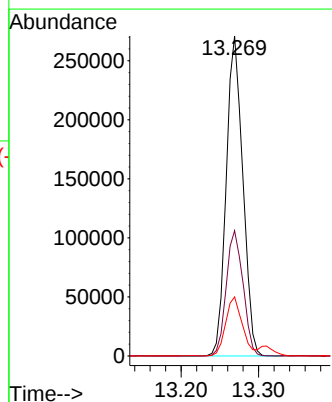
Manual Integrations
APPROVED

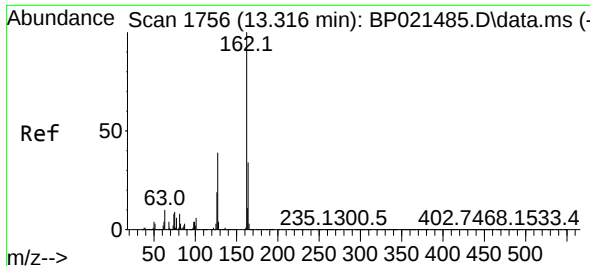
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#46
1,1'-Biphenyl
Concen: 4.335 ng
RT: 13.269 min Scan# 1748
Delta R.T. -0.012 min
Lab File: BP021497.D
Acq: 14 Aug 2024 12:48

Tgt Ion:154 Resp: 403183
Ion Ratio Lower Upper
154 100
153 39.1 20.7 60.7
76 18.5 0.0 37.7





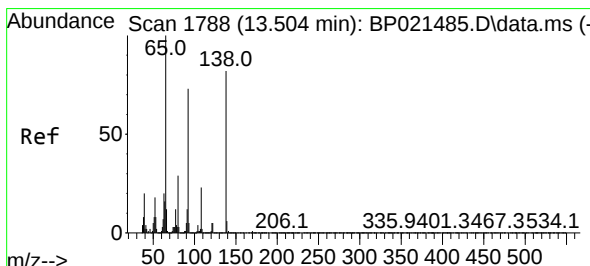
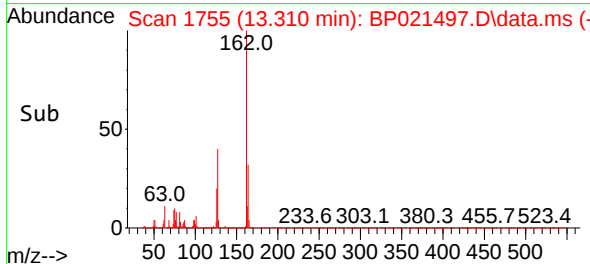
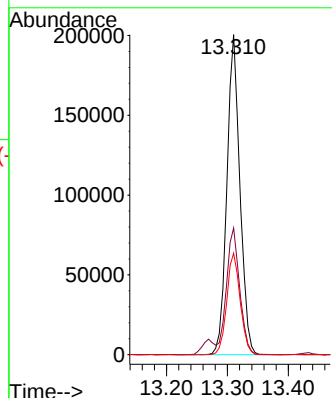
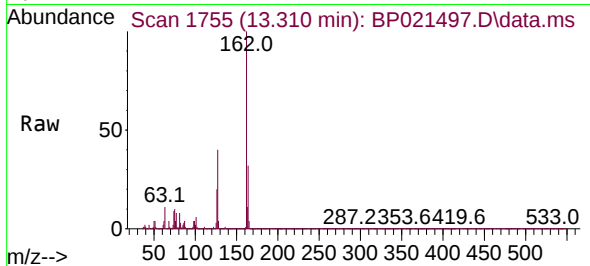
#47
2-Chloronaphthalene
Concen: 4.105 ng
RT: 13.310 min Scan# 1755
Delta R.T. -0.006 min
Lab File: BP021497.D
Acq: 14 Aug 2024 12:48

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

Tgt Ion:162 Resp: 29729
Ion Ratio Lower Upper
162 100
127 39.6 31.9 47.9
164 31.7 26.8 40.2

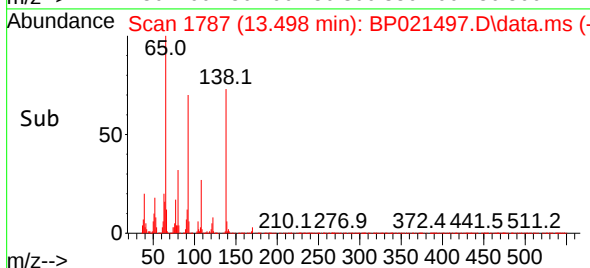
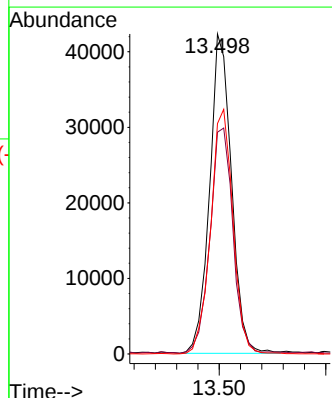
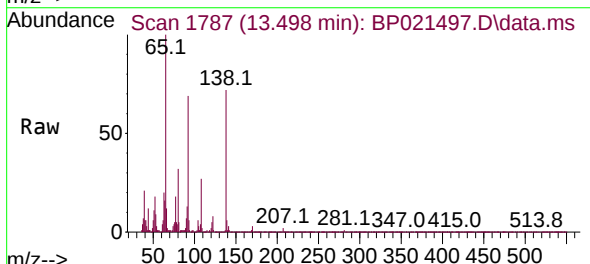
Manual Integrations
APPROVED

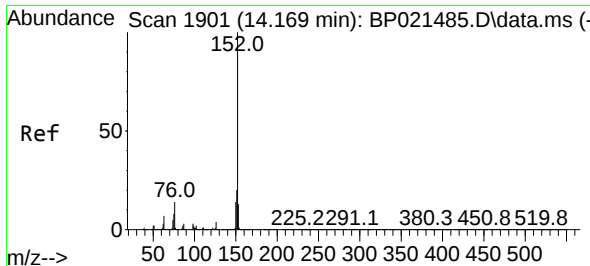
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#48
2-Nitroaniline
Concen: 7.795 ng
RT: 13.498 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BP021497.D
Acq: 14 Aug 2024 12:48

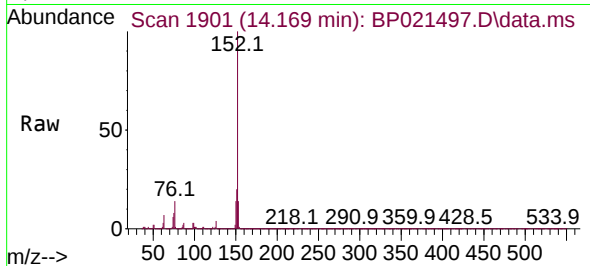
Tgt Ion: 65 Resp: 60182
Ion Ratio Lower Upper
65 100
92 69.3 58.1 87.1
138 72.0 65.5 98.3





#49
Acenaphthylene
Concen: 4.446 ng
RT: 14.169 min Scan# 1901
Delta R.T. -0.000 min
Lab File: BP021497.D
Acq: 14 Aug 2024 12:48

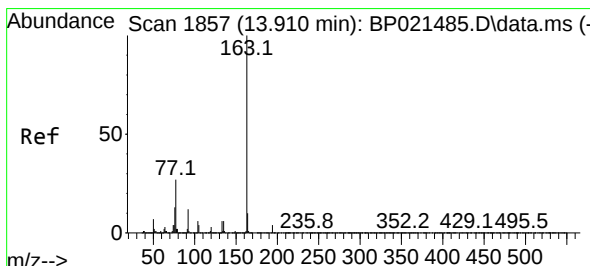
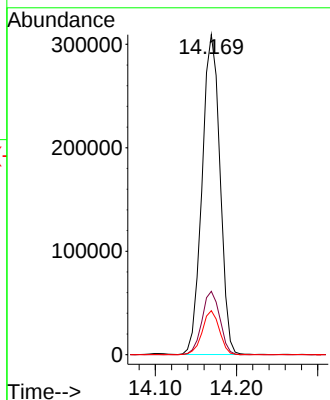
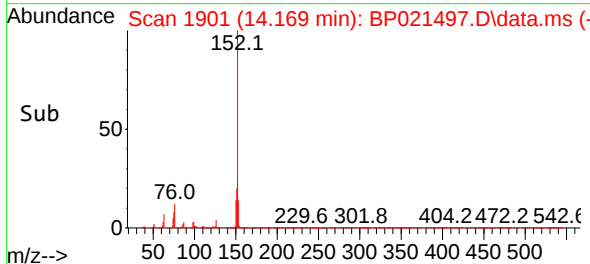
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



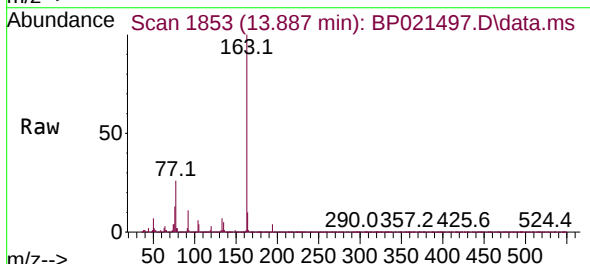
Tgt Ion:152 Resp: 47325
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 13.7 10.6 16.0

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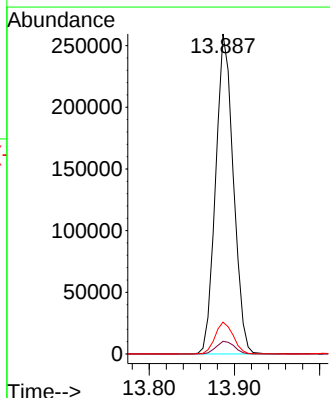
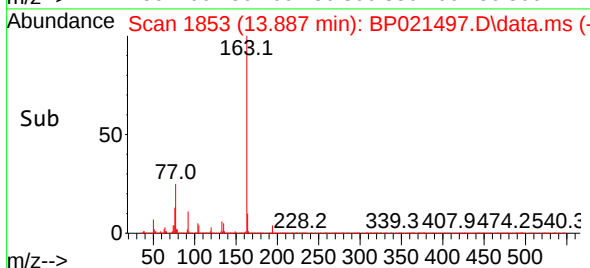
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024

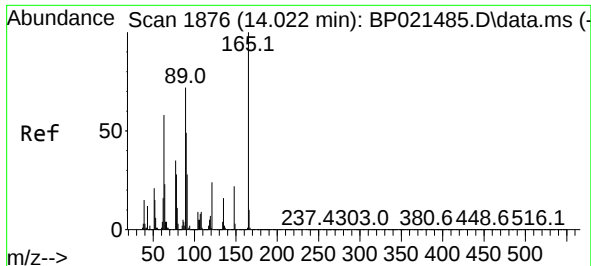


#50
Dimethylphthalate
Concen: 4.263 ng
RT: 13.887 min Scan# 1853
Delta R.T. -0.023 min
Lab File: BP021497.D
Acq: 14 Aug 2024 12:48



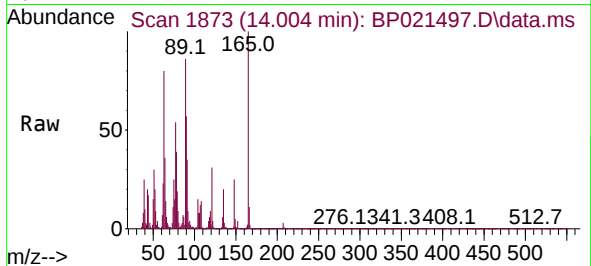
Tgt Ion:163 Resp: 375293
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.0 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 6.658 ng
RT: 14.004 min Scan# 1876
Delta R.T. -0.018 min
Lab File: BP021497.D
Acq: 14 Aug 2024 12:48

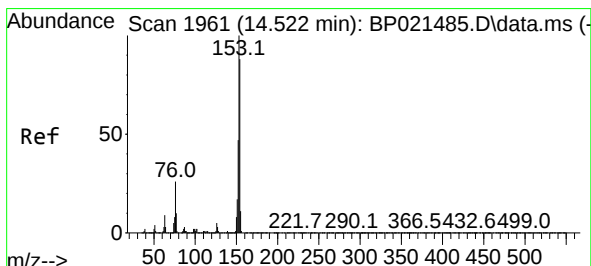
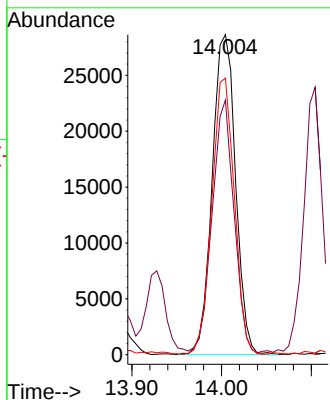
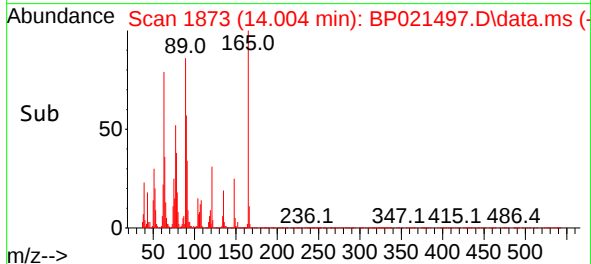
Instrument : BNA_P
ClientSampleId : LOD-MDL-WATER-01-QT3-2024



Tgt Ion:165 Resp: 51764
Ion Ratio Lower Upper
165 100
63 79.6 51.5 77.3
89 86.4 57.8 86.8

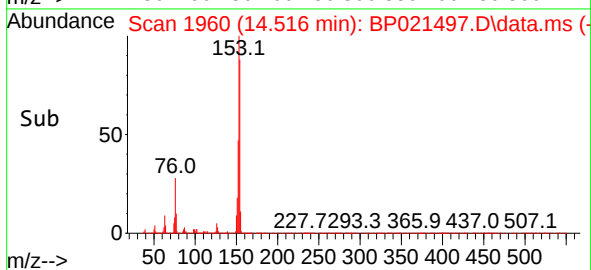
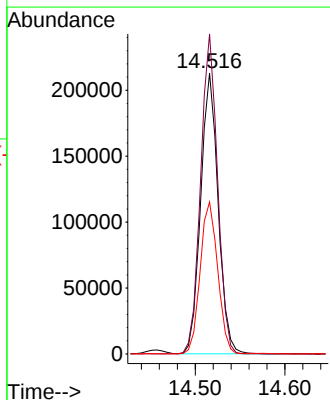
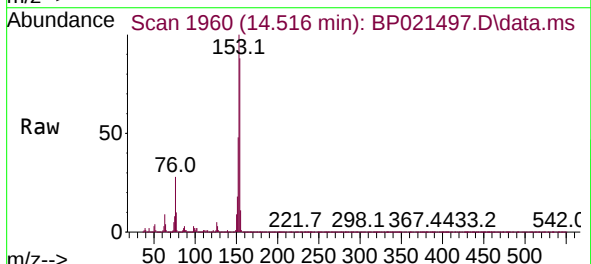
Manual Integrations
APPROVED

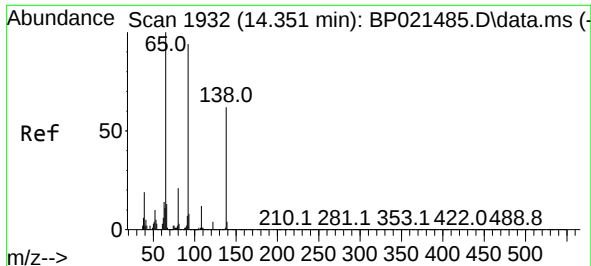
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#52
Acenaphthene
Concen: 4.115 ng
RT: 14.516 min Scan# 1960
Delta R.T. -0.006 min
Lab File: BP021497.D
Acq: 14 Aug 2024 12:48

Tgt Ion:154 Resp: 287416
Ion Ratio Lower Upper
154 100
153 113.9 91.1 136.7
152 54.1 43.0 64.4





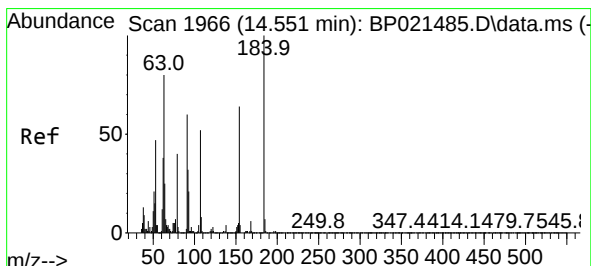
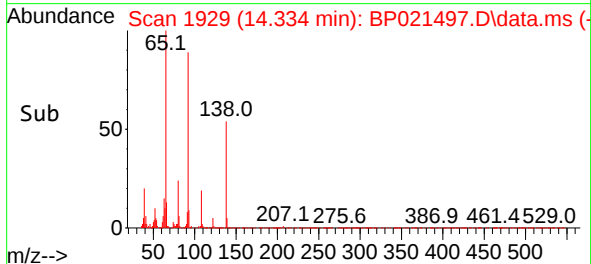
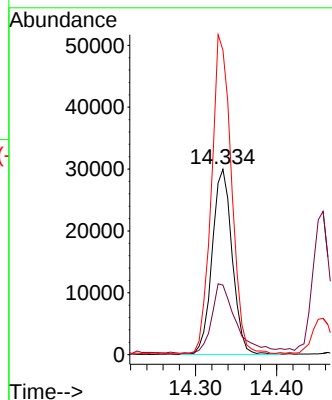
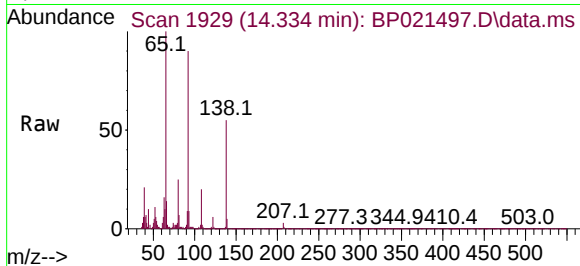
#53
3-Nitroaniline
Concen: 6.668 ng
RT: 14.334 min Scan# 1932
Delta R.T. -0.017 min
Lab File: BP021497.D
Acq: 14 Aug 2024 12:48

Instrument : BNA_P
ClientSampleId : LOD-MDL-WATER-01-QT3-2024

Tgt Ion:138 Resp: 5137
Ion Ratio Lower Upper
138 100
108 37.5 16.2 24.4#
92 164.3 122.2 183.4

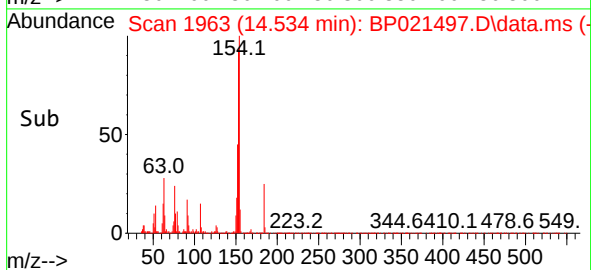
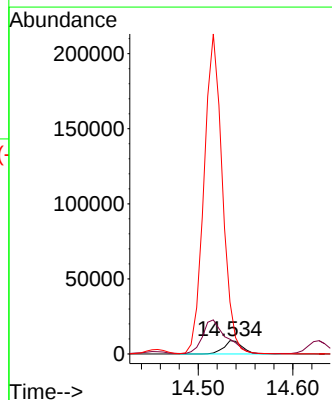
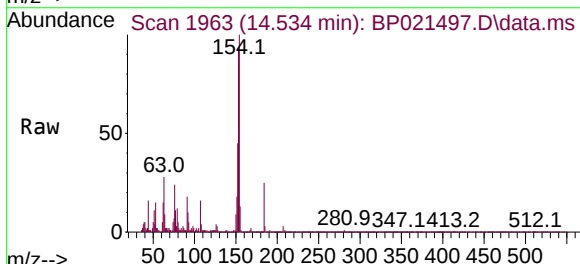
Manual Integrations
APPROVED

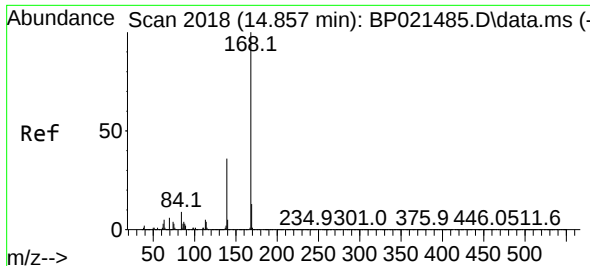
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#54
2,4-Dinitrophenol
Concen: 6.014 ng
RT: 14.534 min Scan# 1963
Delta R.T. -0.017 min
Lab File: BP021497.D
Acq: 14 Aug 2024 12:48

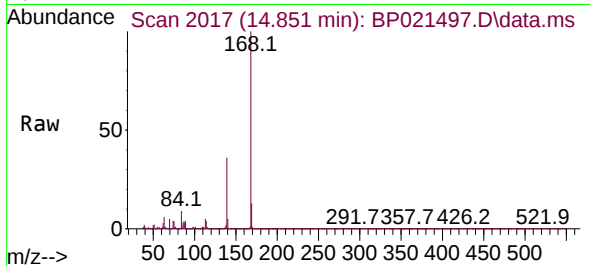
Tgt Ion:184 Resp: 12152
Ion Ratio Lower Upper
184 100
63 111.3 64.9 97.3#
154 392.7 52.1 78.1#





#55
Dibenzenofuran
Concen: 4.364 ng
RT: 14.851 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BP021497.D
Acq: 14 Aug 2024 12:48

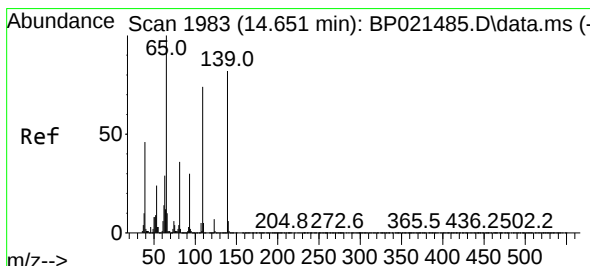
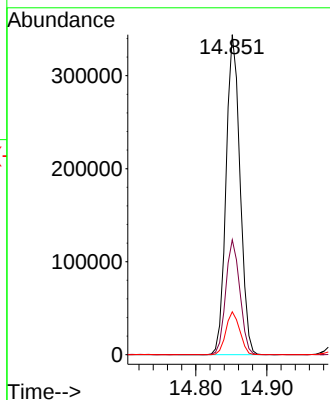
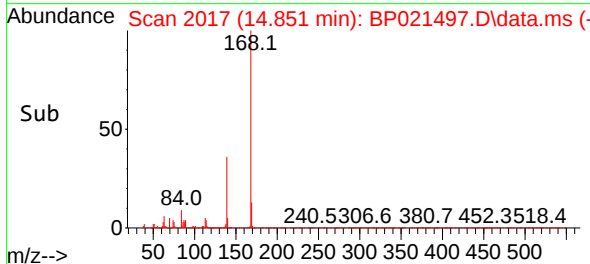
Instrument : BNA_P
ClientSampleId : LOD-MDL-WATER-01-QT3-2024



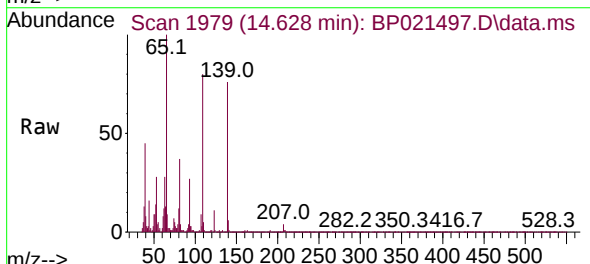
Tgt Ion:168 Resp: 46888
Ion Ratio Lower Upper
168 100
139 35.9 28.6 43.0
169 13.4 10.6 16.0

Manual Integrations
APPROVED

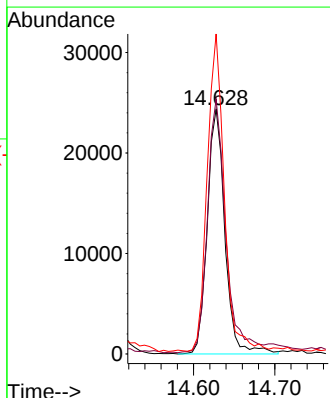
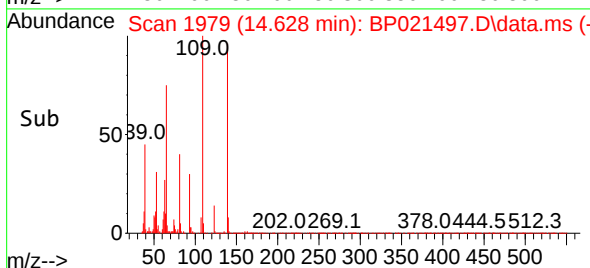
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024

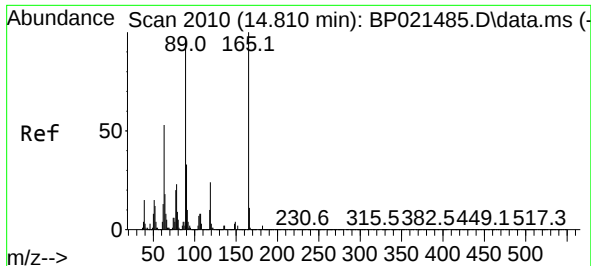


#56
4-Nitrophenol
Concen: 7.427 ng
RT: 14.628 min Scan# 1979
Delta R.T. -0.023 min
Lab File: BP021497.D
Acq: 14 Aug 2024 12:48



Tgt Ion:139 Resp: 36618
Ion Ratio Lower Upper
139 100
109 104.1 70.2 110.2
65 130.8 101.8 141.8





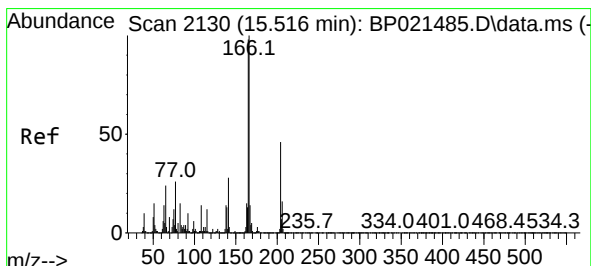
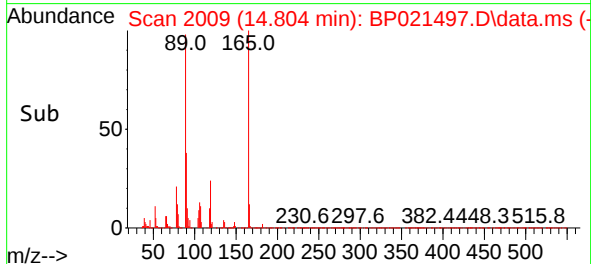
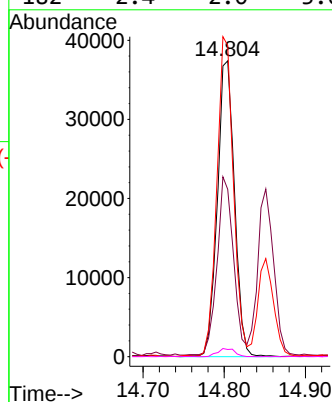
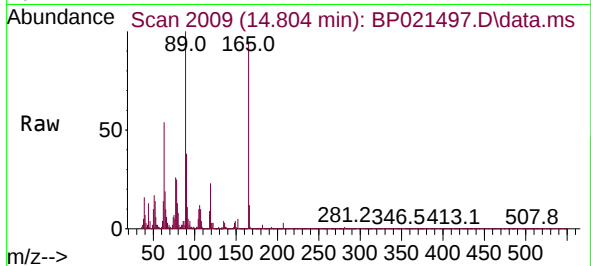
#57
2,4-Dinitrotoluene
Concen: 7.204 ng
RT: 14.804 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BP021497.D
Acq: 14 Aug 2024 12:48

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

Tgt Ion:165 Resp: 55040
Ion Ratio Lower Upper
165 100
63 56.5 42.5 63.7
89 105.2 77.1 115.7
182 2.4 2.0 3.0

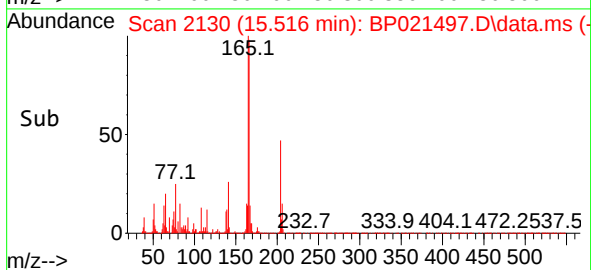
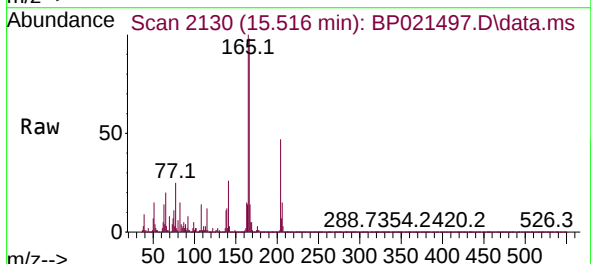
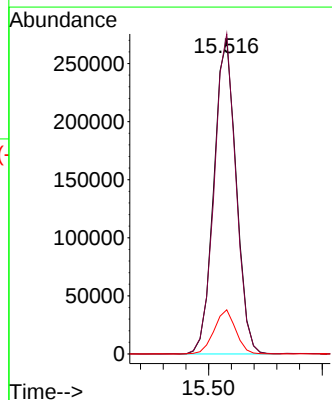
Manual Integrations
APPROVED

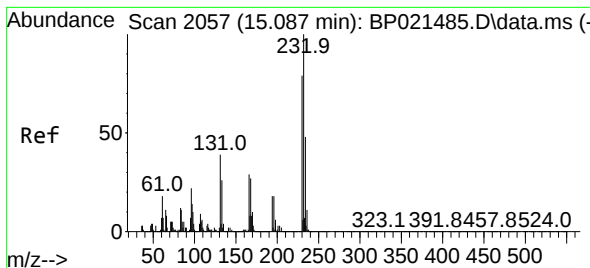
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#58
Fluorene
Concen: 4.176 ng
RT: 15.516 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BP021497.D
Acq: 14 Aug 2024 12:48

Tgt Ion:166 Resp: 368582
Ion Ratio Lower Upper
166 100
165 101.9 78.1 117.1
167 14.1 11.0 16.4





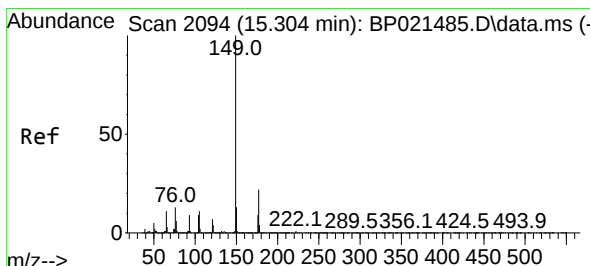
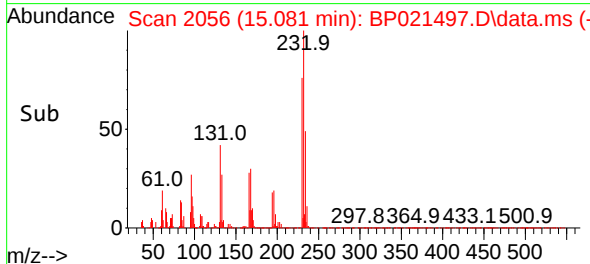
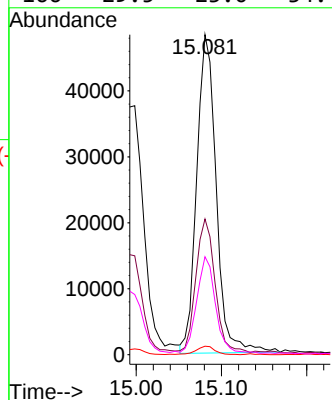
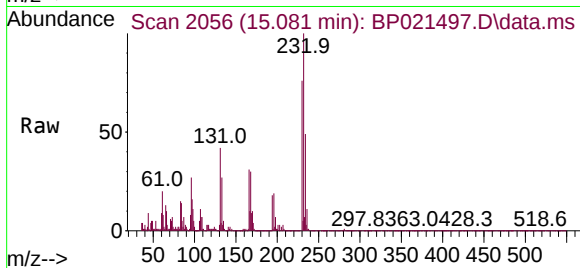
#59
2,3,4,6-Tetrachlorophenol
Concen: 3.813 ng
RT: 15.081 min Scan# 2057
Delta R.T. -0.006 min
Lab File: BP021497.D
Acq: 14 Aug 2024 12:48

Instrument : BNA_P
ClientSampleId : LOD-MDL-WATER-01-QT3-2024

Tgt Ion:232 Resp: 76939
Ion Ratio Lower Upper
232 100
131 41.2 33.1 49.7
130 2.6 1.7 2.5
166 29.5 23.0 34.4

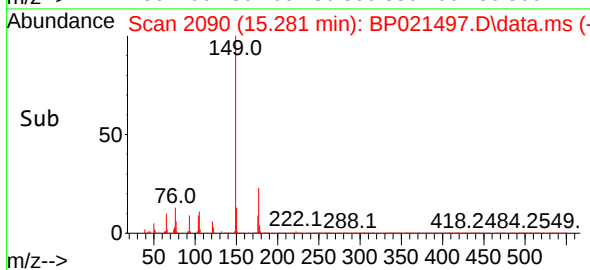
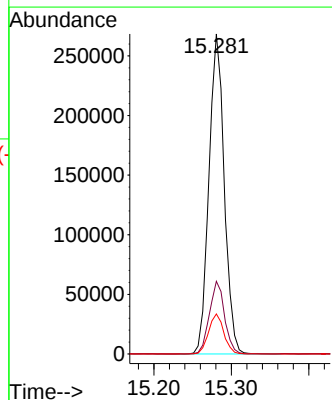
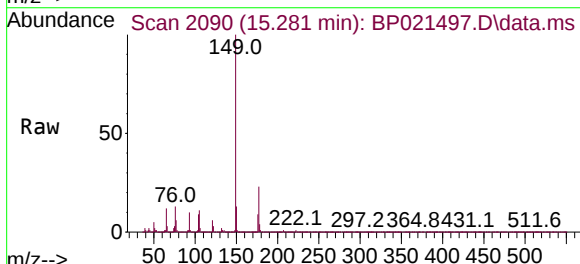
Manual Integrations
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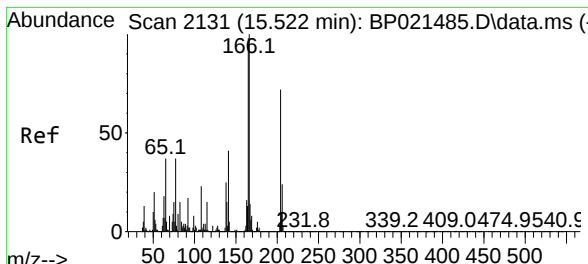
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#60
Diethylphthalate
Concen: 4.077 ng
RT: 15.281 min Scan# 2090
Delta R.T. -0.024 min
Lab File: BP021497.D
Acq: 14 Aug 2024 12:48

Tgt Ion:149 Resp: 368291
Ion Ratio Lower Upper
149 100
177 22.7 17.8 26.8
150 12.5 10.1 15.1





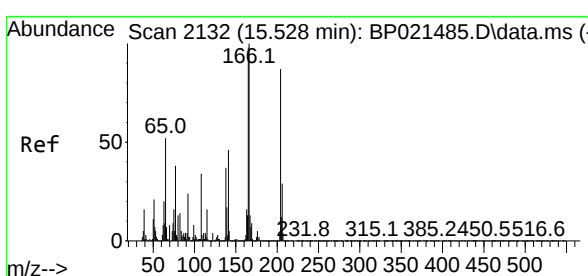
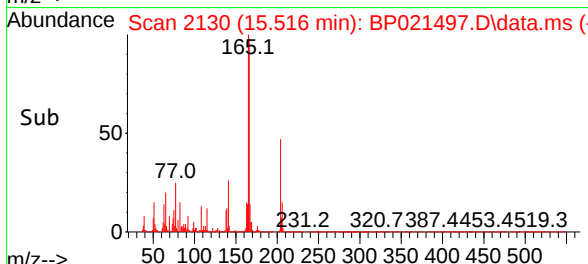
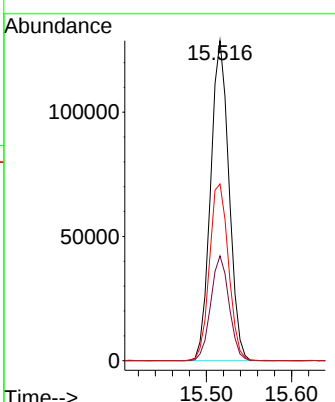
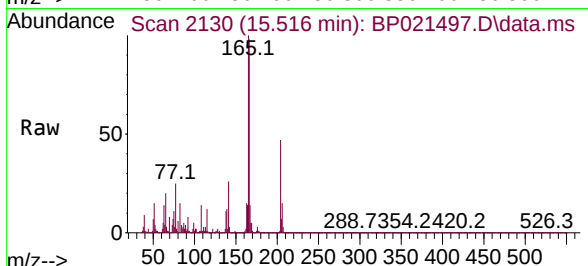
#61
 4-Chlorophenyl-phenylether
 Concen: 4.233 ng
 RT: 15.516 min Scan# 2130
 Delta R.T. -0.006 min
 Lab File: BP021497.D
 Acq: 14 Aug 2024 12:48

Instrument : BNA_P
 ClientSampleId : LOD-MDL-WATER-01-QT3-2024

Tgt Ion:	204	Resp:	19313
Ion Ratio	Lower	Upper	
204	100		
206	32.7	26.4	39.6
141	55.2	46.1	69.1

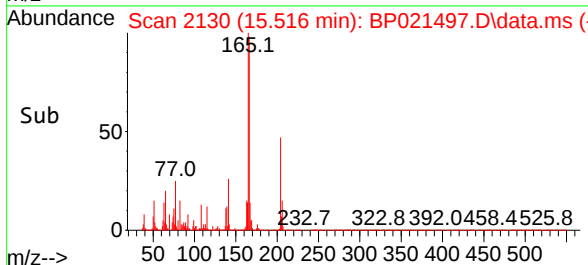
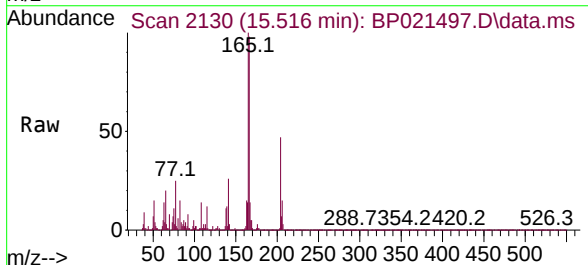
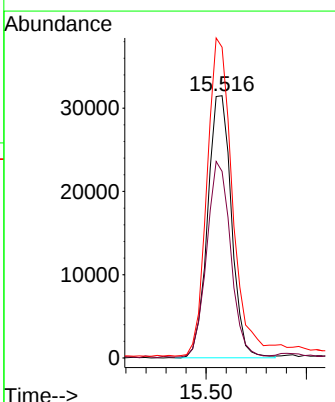
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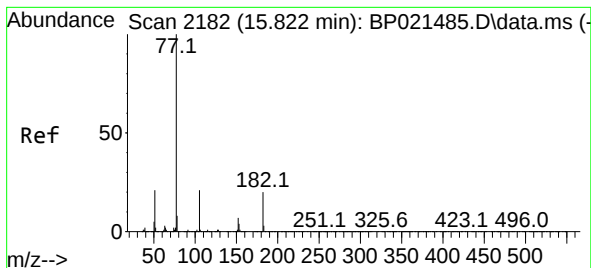
Reviewed By :Jagrut Upadhyay 08/14/2024
 Supervised By :mohammad ahmed 08/16/2024



#62
 4-Nitroaniline
 Concen: 5.651 ng
 RT: 15.516 min Scan# 2130
 Delta R.T. -0.012 min
 Lab File: BP021497.D
 Acq: 14 Aug 2024 12:48

Tgt Ion:	138	Resp:	51938
Ion Ratio	Lower	Upper	
138	100		
92	71.1	46.4	86.4
108	118.5	73.2	113.2





#63

Azobenzene

Concen: 4.410 ng

RT: 15.810 min Scan# 2182

Delta R.T. -0.012 min

Lab File: BP021497.D

Acq: 14 Aug 2024 12:48

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024

Tgt Ion: 77 Resp: 489669

Ion Ratio Lower Upper

77 100

182 18.5 0.0 39.9

105 19.8 0.9 40.9

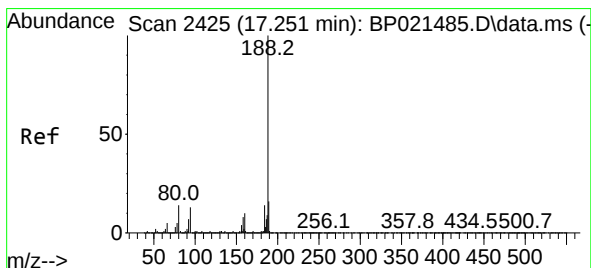
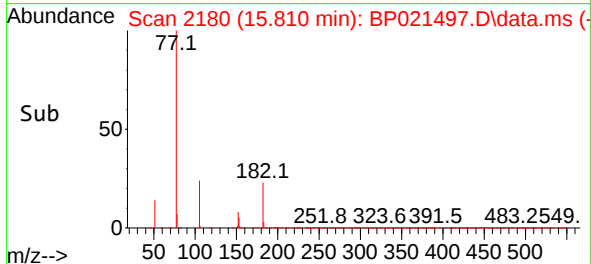
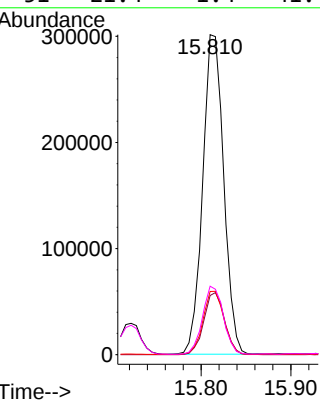
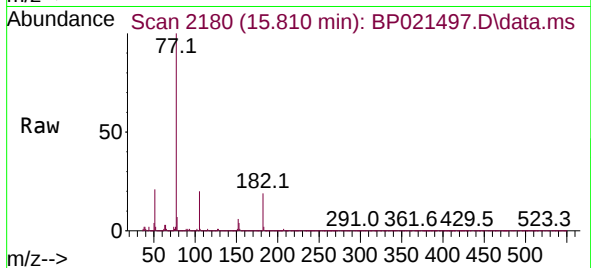
51 21.4 1.4 41.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 08/14/2024

Supervised By :mohammad ahmed 08/16/2024



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.251 min Scan# 2425

Delta R.T. -0.000 min

Lab File: BP021497.D

Acq: 14 Aug 2024 12:48

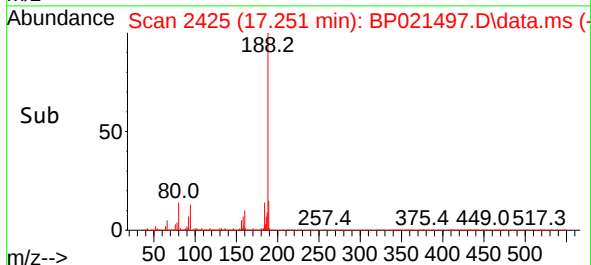
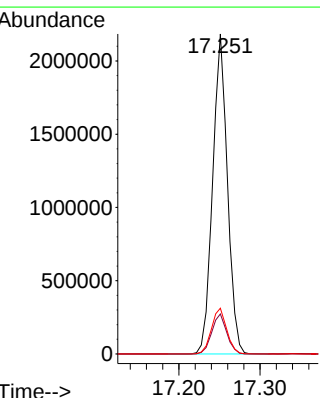
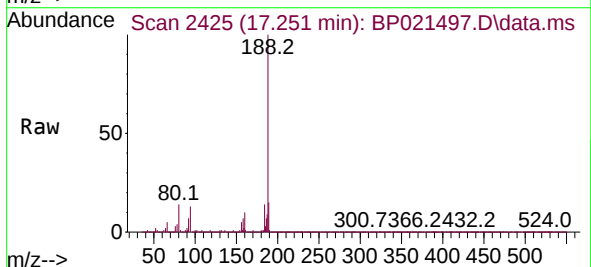
Tgt Ion:188 Resp: 2765237

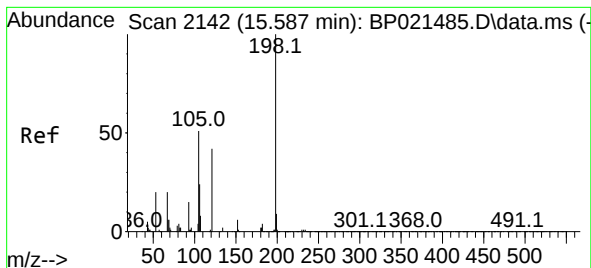
Ion Ratio Lower Upper

188 100

94 12.5 10.2 15.4

80 14.3 11.6 17.4





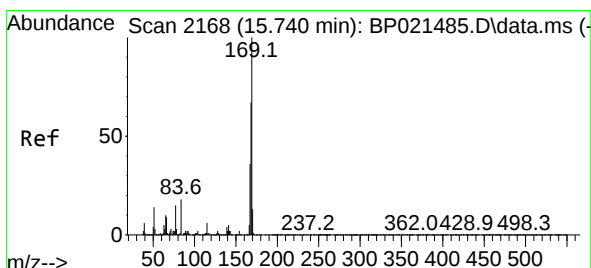
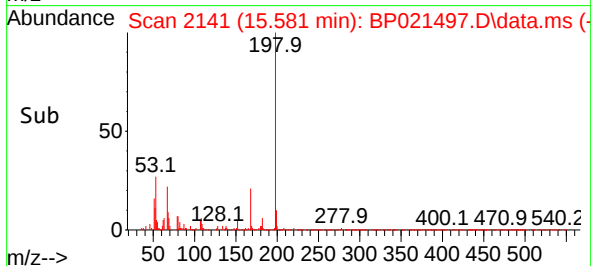
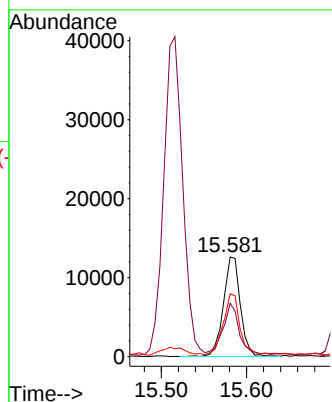
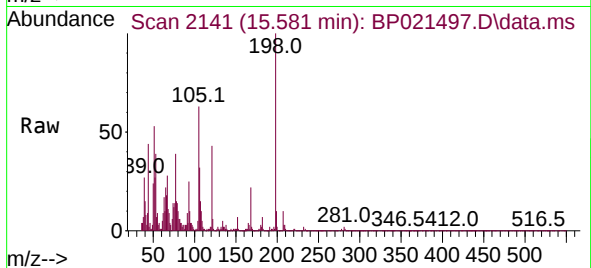
#65
4,6-Dinitro-2-methylphenol
Concen: 7.260 ng
RT: 15.581 min Scan# 2142
Delta R.T. -0.006 min
Lab File: BP021497.D
Acq: 14 Aug 2024 12:48

Instrument : BNA_P
ClientSampleId : LOD-MDL-WATER-01-QT3-2024

Tgt Ion:198 Resp: 17389
Ion Ratio Lower Upper
198 100
51 53.5 21.5 61.5
105 63.1 32.9 72.9

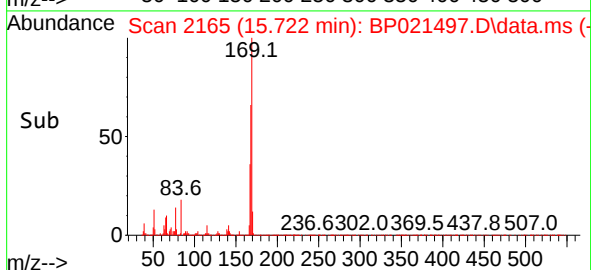
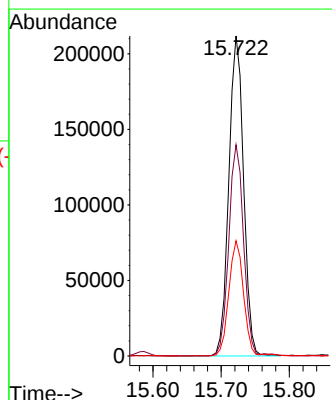
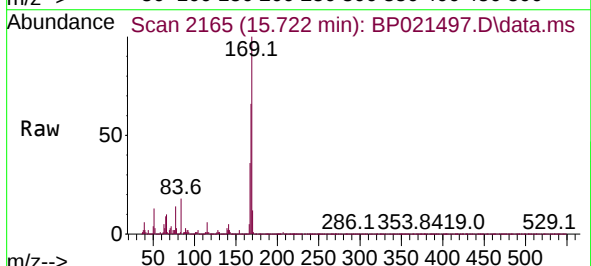
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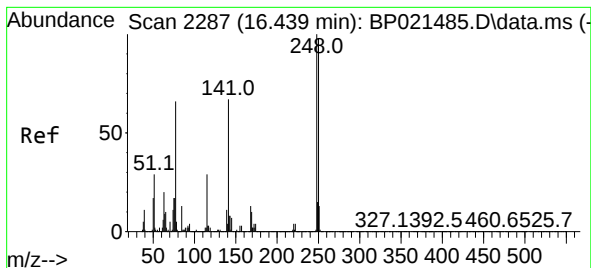
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#66
n-Nitrosodiphenylamine
Concen: 4.301 ng
RT: 15.722 min Scan# 2165
Delta R.T. -0.018 min
Lab File: BP021497.D
Acq: 14 Aug 2024 12:48

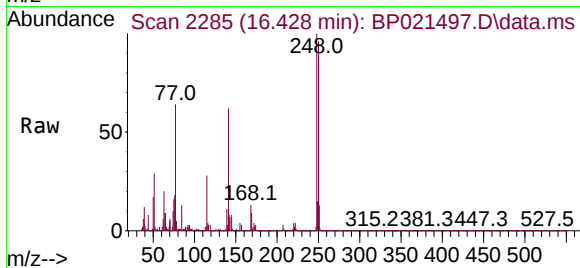
Tgt Ion:169 Resp: 318747
Ion Ratio Lower Upper
169 100
168 66.0 53.4 80.2
167 36.0 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 3.858 ng
RT: 16.428 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP021497.D
Acq: 14 Aug 2024 12:48

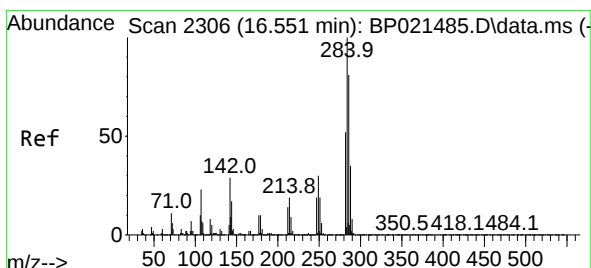
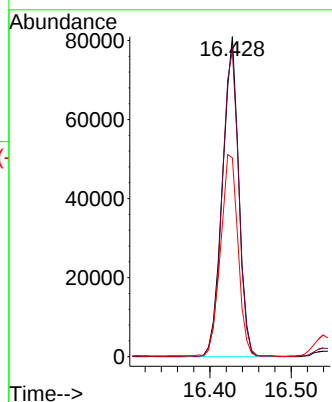
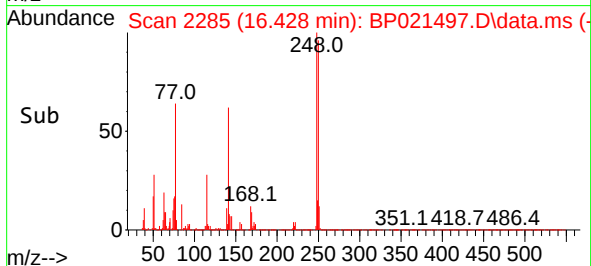
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



Tgt Ion:248 Resp: 112900
Ion Ratio Lower Upper
248 100
250 95.8 78.6 117.8
141 62.2 53.9 80.9

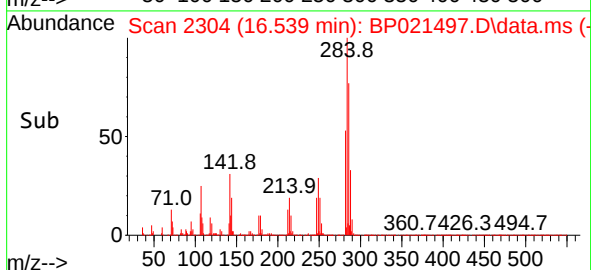
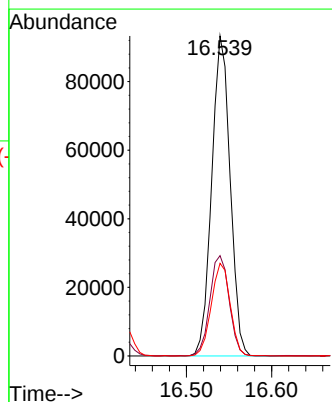
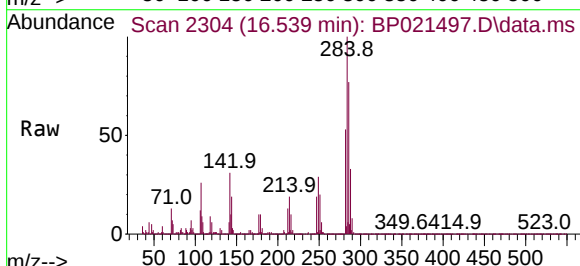
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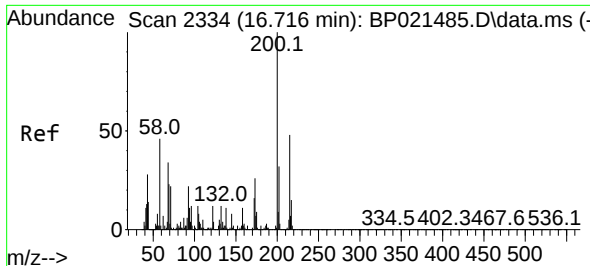
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#68
Hexachlorobenzene
Concen: 4.048 ng
RT: 16.539 min Scan# 2304
Delta R.T. -0.012 min
Lab File: BP021497.D
Acq: 14 Aug 2024 12:48

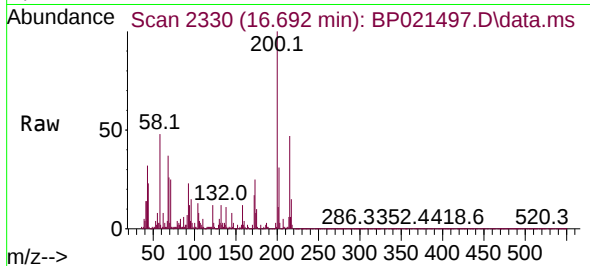
Tgt Ion:284 Resp: 139986
Ion Ratio Lower Upper
284 100
142 31.4 23.4 35.2
249 28.9 24.1 36.1





#69
Atrazine
Concen: 3.929 ng
RT: 16.692 min Scan# 21
Delta R.T. -0.024 min
Lab File: BP021497.D
Acq: 14 Aug 2024 12:48

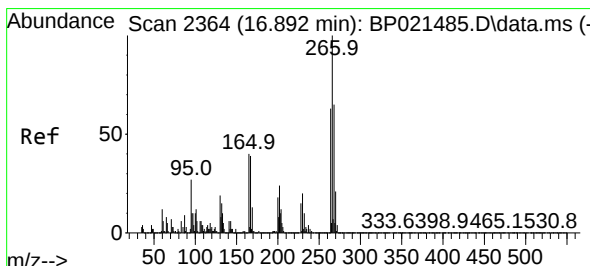
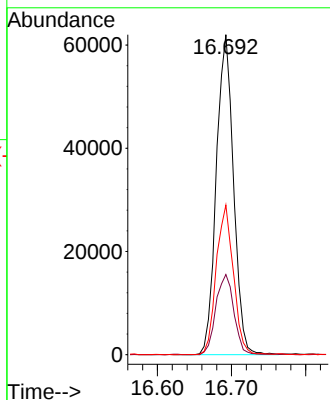
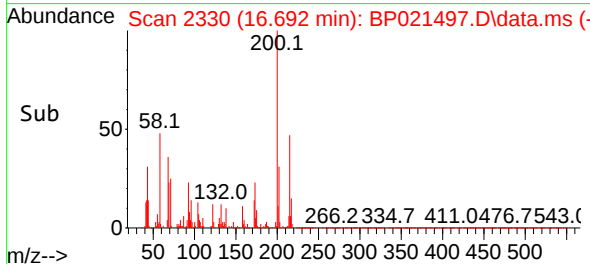
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



Tgt Ion:200 Resp: 99974
Ion Ratio Lower Upper
200 100
173 25.1 6.2 46.2
215 46.7 28.4 68.4

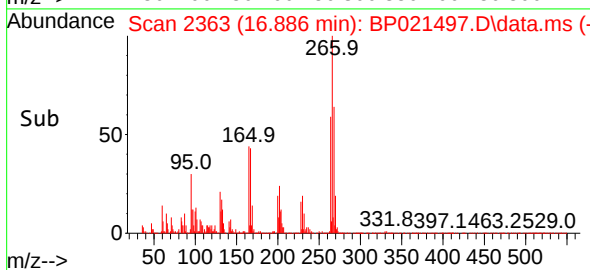
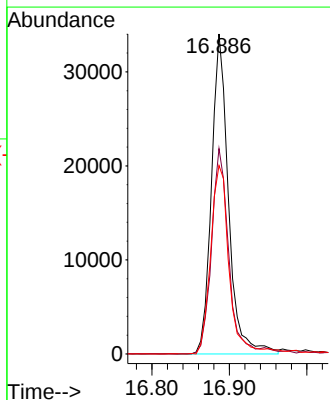
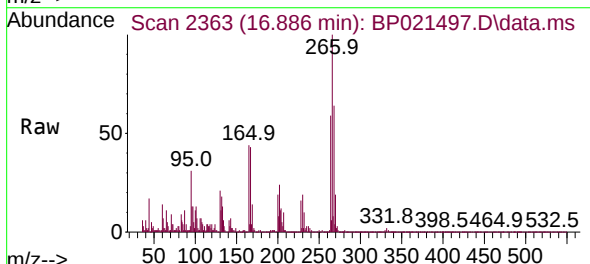
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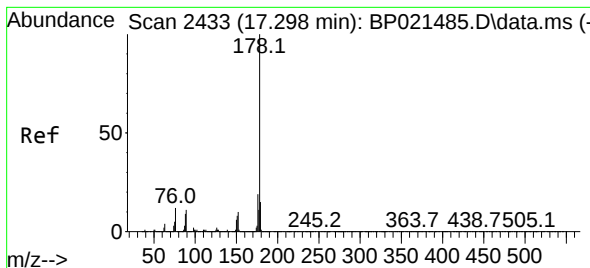
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#70
Pentachlorophenol
Concen: 2.741 ng
RT: 16.886 min Scan# 2363
Delta R.T. -0.006 min
Lab File: BP021497.D
Acq: 14 Aug 2024 12:48

Tgt Ion:266 Resp: 51740
Ion Ratio Lower Upper
266 100
268 64.2 51.8 77.6
264 58.9 50.5 75.7





#71

Phenanthrene

Concen: 4.302 ng

RT: 17.292 min Scan# 2433

Delta R.T. -0.006 min

Lab File: BP021497.D

Acq: 14 Aug 2024 12:48

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024

Tgt Ion:178 Resp: 57216

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.2

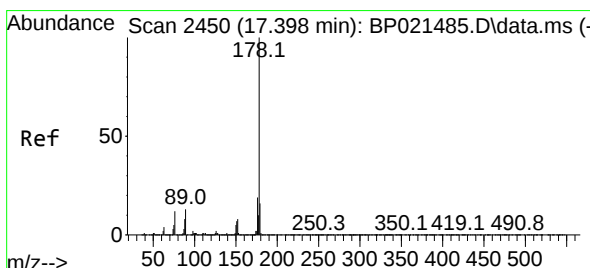
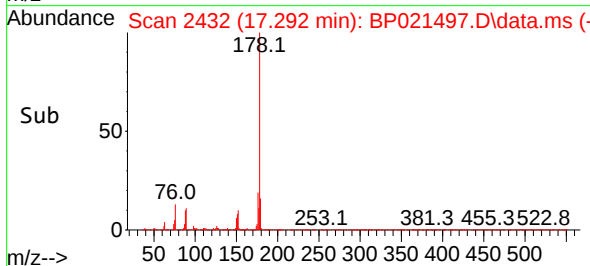
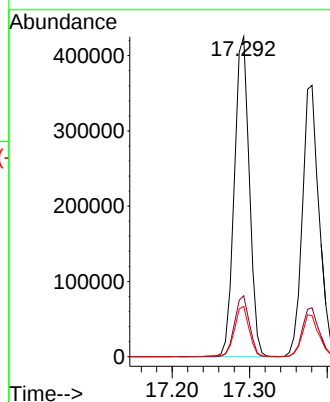
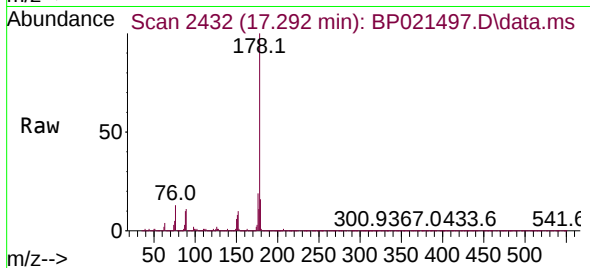
179 15.8 12.4 18.6

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Reviewed By :Jagrut Upadhyay 08/14/2024

Supervised By :mohammad ahmed 08/16/2024



#72

Anthracene

Concen: 4.155 ng

RT: 17.381 min Scan# 2447

Delta R.T. -0.018 min

Lab File: BP021497.D

Acq: 14 Aug 2024 12:48

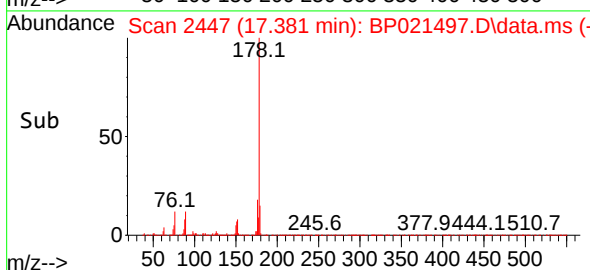
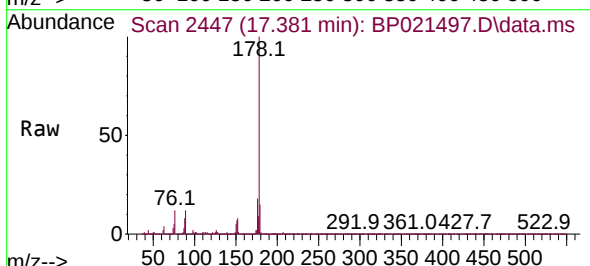
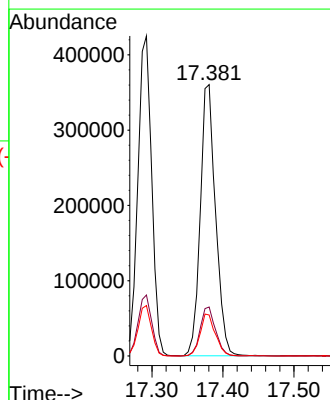
Tgt Ion:178 Resp: 541919

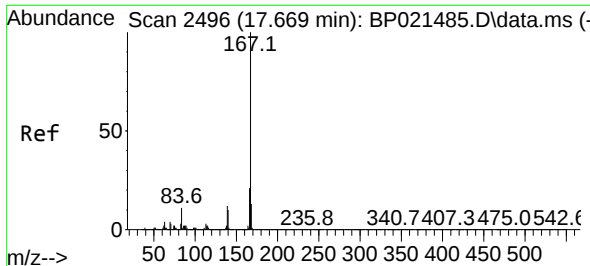
Ion Ratio Lower Upper

178 100

176 18.1 14.9 22.3

179 15.1 12.5 18.7





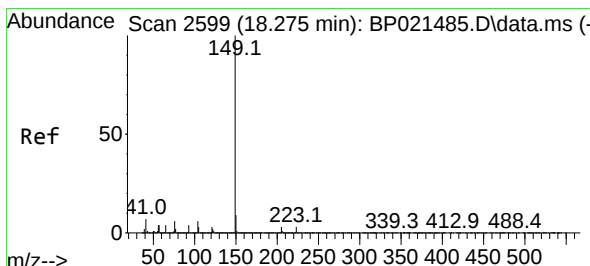
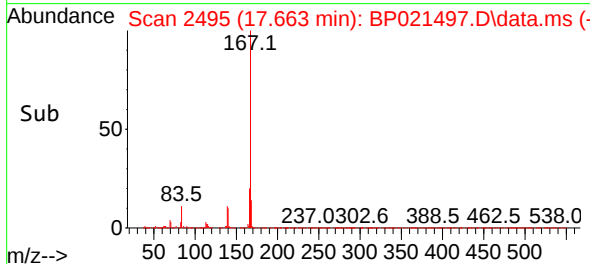
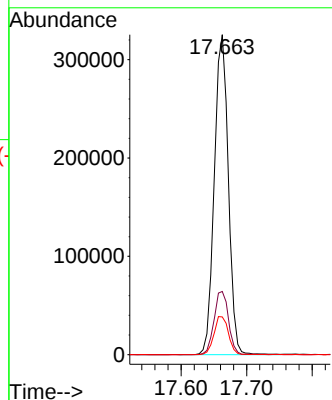
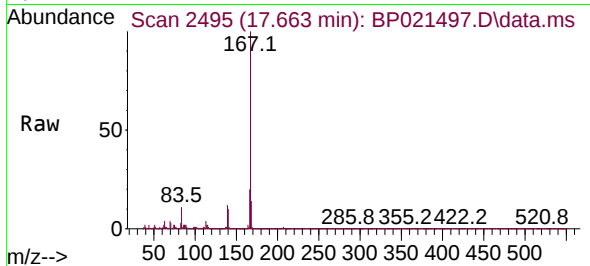
#73
 Carbazole
 Concen: 3.833 ng
 RT: 17.663 min Scan# 2496
 Delta R.T. -0.006 min
 Lab File: BP021497.D
 Acq: 14 Aug 2024 12:48

Instrument : BNA_P
 ClientSampleId : LOD-MDL-WATER-01-QT3-2024

Tgt Ion:167 Resp: 481754
 Ion Ratio Lower Upper
 167 100
 166 19.8 17.0 25.4
 139 11.8 9.9 14.9

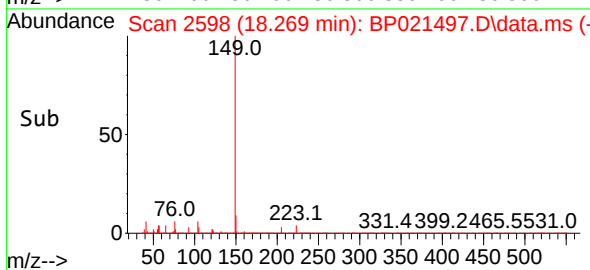
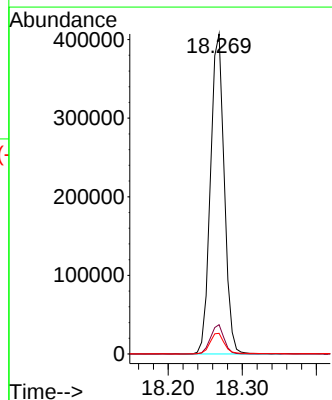
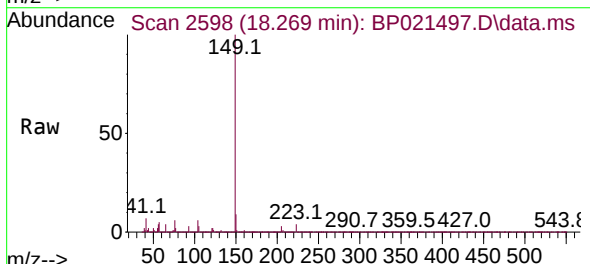
Manual Integrations
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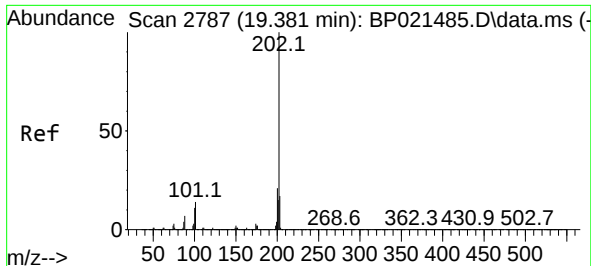
Reviewed By :Jagrut Upadhyay 08/14/2024
 Supervised By :mohammad ahmed 08/16/2024



#74
 Di-n-butylphthalate
 Concen: 3.405 ng
 RT: 18.269 min Scan# 2598
 Delta R.T. -0.006 min
 Lab File: BP021497.D
 Acq: 14 Aug 2024 12:48

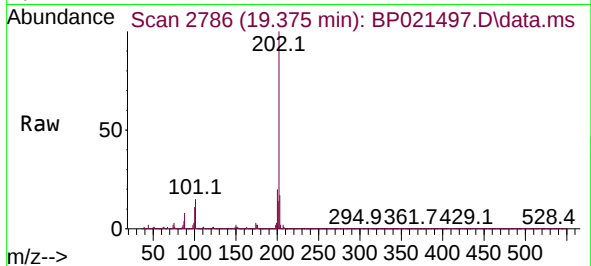
Tgt Ion:149 Resp: 525569
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 6.5 4.9 7.3





#75
Fluoranthene
Concen: 3.595 ng
RT: 19.375 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP021497.D
Acq: 14 Aug 2024 12:48

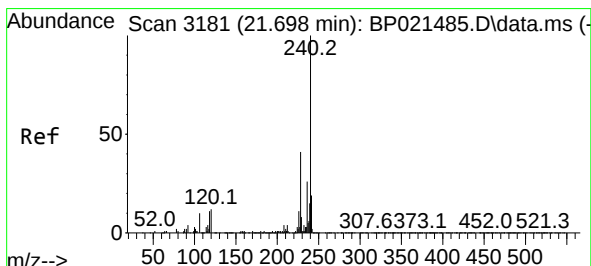
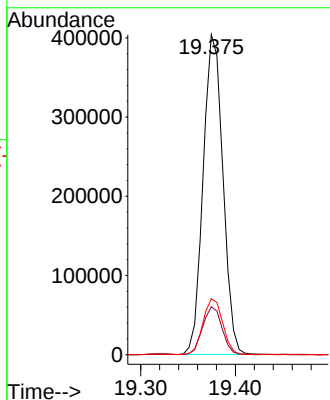
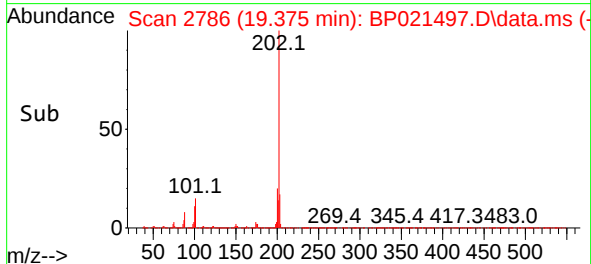
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



Tgt Ion:202 Resp: 58654
Ion Ratio Lower Upper
202 100
101 15.0 0.0 34.0
203 17.5 0.0 37.5

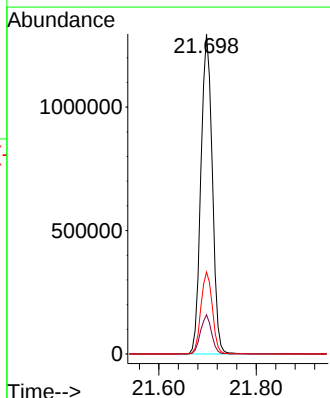
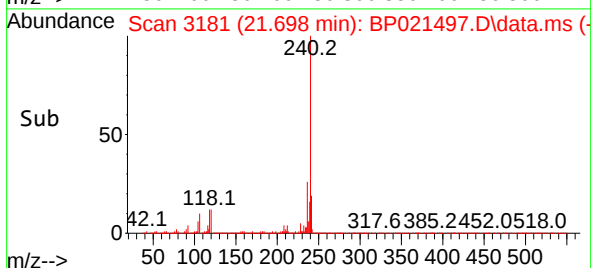
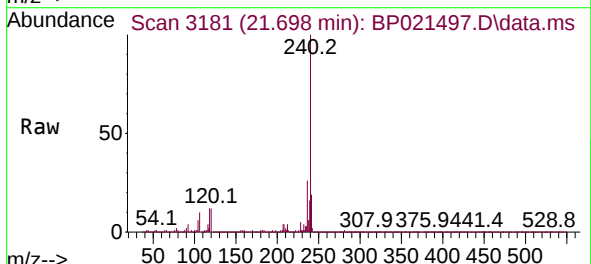
Manual Integrations
APPROVED

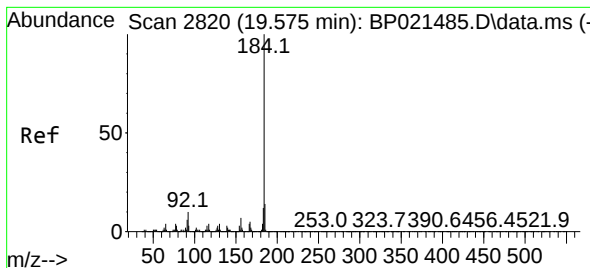
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.698 min Scan# 3181
Delta R.T. -0.000 min
Lab File: BP021497.D
Acq: 14 Aug 2024 12:48

Tgt Ion:240 Resp: 2100117
Ion Ratio Lower Upper
240 100
120 12.2 9.9 14.9
236 25.6 20.6 30.8





#77

Benzidine

Concen: 7.075 ng

RT: 19.557 min Scan# 2817

Delta R.T. -0.018 min

Lab File: BP021497.D

Acq: 14 Aug 2024 12:48

Instrument :

BNA_P

ClientSampleId :

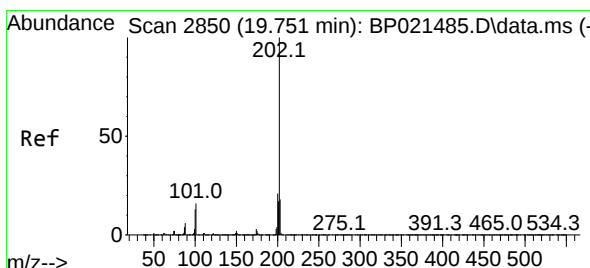
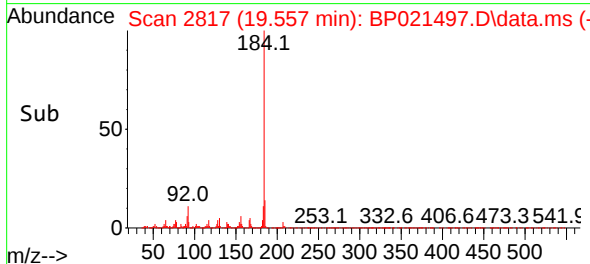
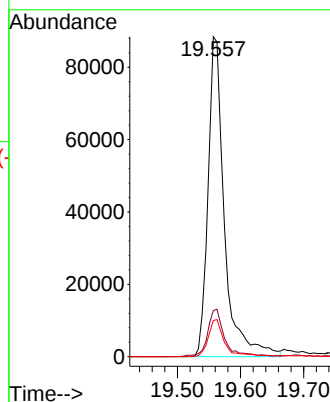
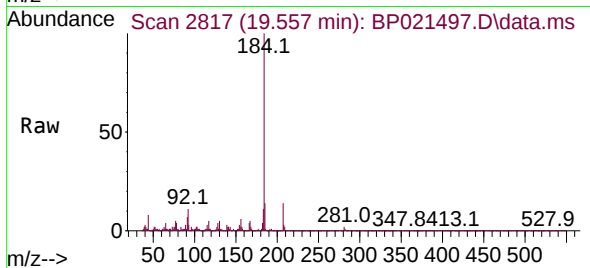
LOD-MDL-WATER-01-QT3-2024

Tgt Ion:184	Resp: 159538
Ion Ratio	Lower Upper
184 100	
185 14.4	11.4 17.0
183 11.3	9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#78

Pyrene

Concen: 4.466 ng

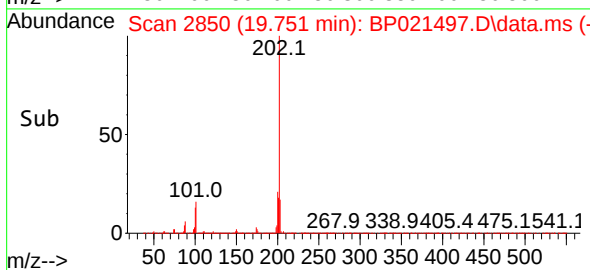
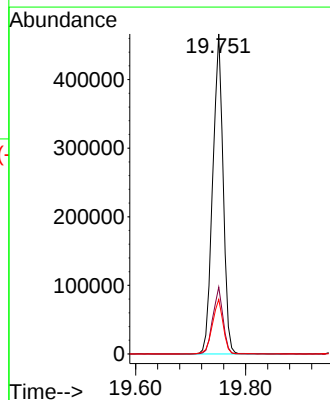
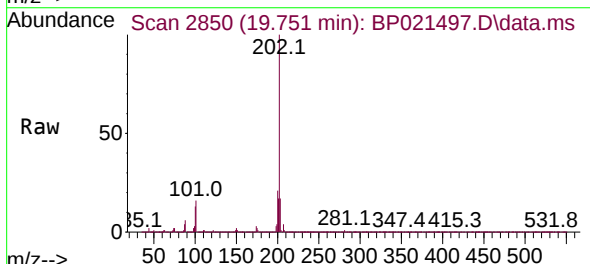
RT: 19.751 min Scan# 2850

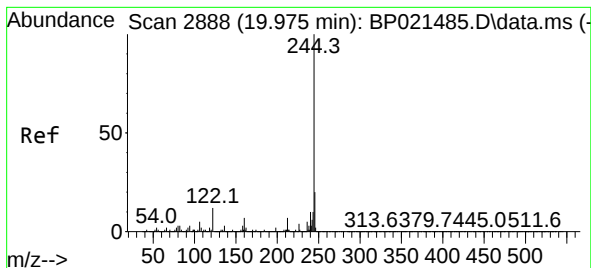
Delta R.T. -0.000 min

Lab File: BP021497.D

Acq: 14 Aug 2024 12:48

Tgt Ion:202	Resp: 612997
Ion Ratio	Lower Upper
202 100	
200 20.9	16.7 25.1
203 17.0	14.1 21.1





#79

Terphenyl-d14

Concen: 92.737 ng

RT: 19.980 min Scan# 2889

Delta R.T. 0.005 min

Lab File: BP021497.D

Acq: 14 Aug 2024 12:48

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024

Tgt Ion:244 Resp:1002502

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

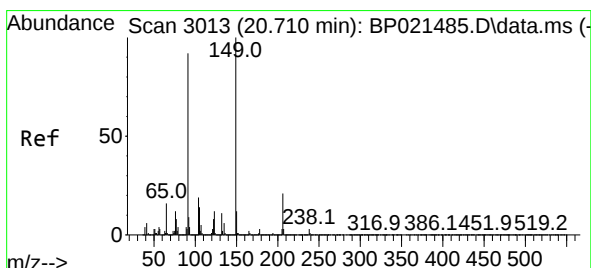
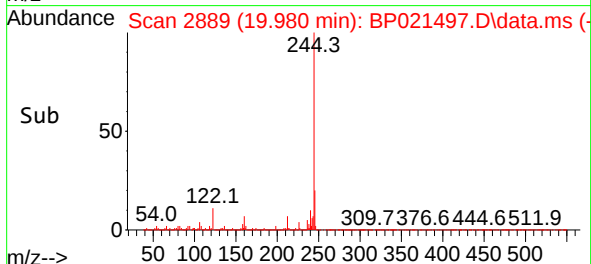
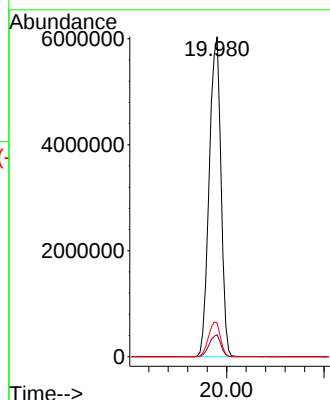
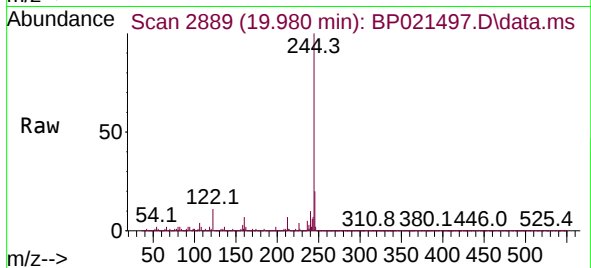
122 10.5 9.4 14.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/14/2024

Supervised By :mohammad ahmed 08/16/2024



#80

Butylbenzylphthalate

Concen: 5.975 ng

RT: 20.704 min Scan# 3012

Delta R.T. -0.006 min

Lab File: BP021497.D

Acq: 14 Aug 2024 12:48

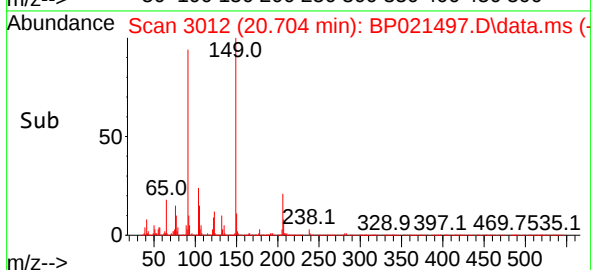
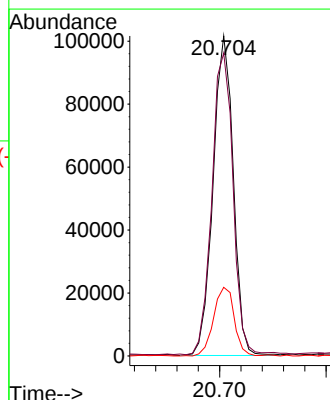
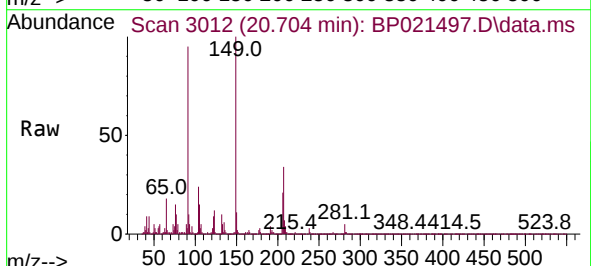
Tgt Ion:149 Resp: 133630

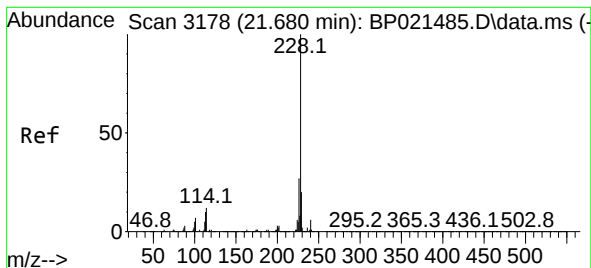
Ion Ratio Lower Upper

149 100

91 94.6 73.3 109.9

206 21.5 17.1 25.7





#81

Benzo(a)anthracene

Concen: 4.154 ng

RT: 21.680 min Scan# 3178

Delta R.T. -0.000 min

Lab File: BP021497.D

Acq: 14 Aug 2024 12:48

Instrument :

BNA_P

ClientSampleId :

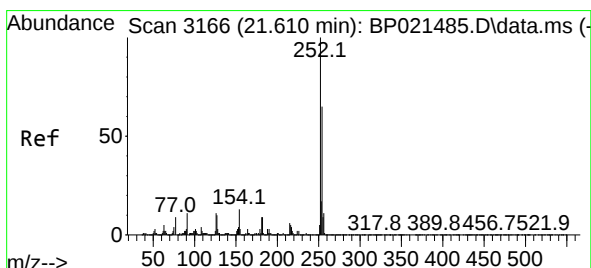
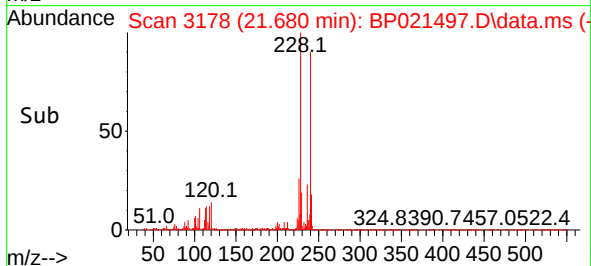
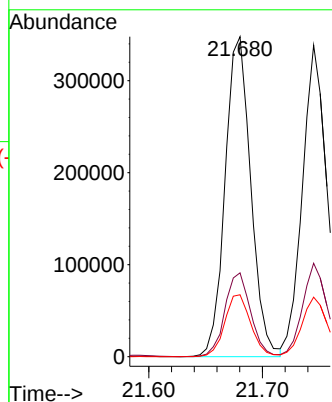
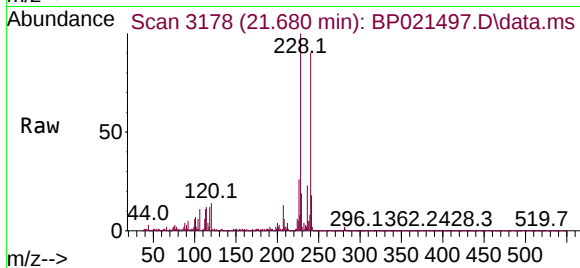
LOD-MDL-WATER-01-QT3-2024

Tgt Ion:	228	Resp:	54764
Ion Ratio	Lower	Upper	
228	100		
226	26.2	21.4	32.2
229	19.3	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#82

3,3'-Dichlorobenzidine

Concen: 3.619 ng

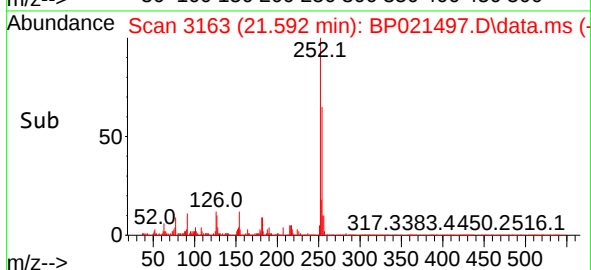
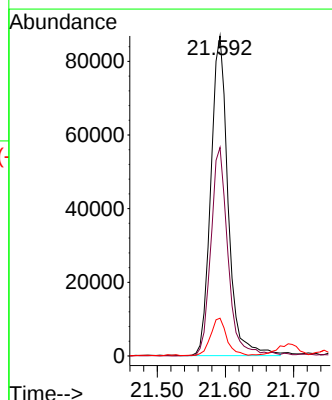
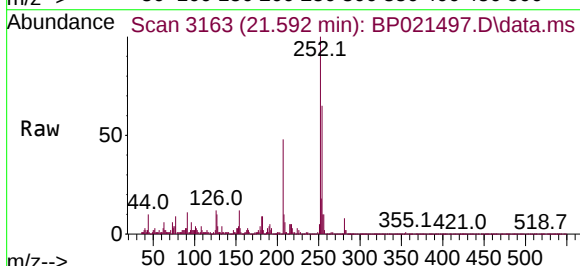
RT: 21.592 min Scan# 3163

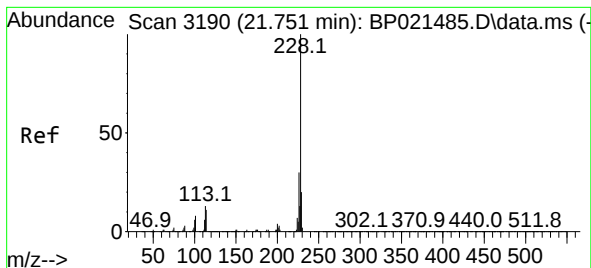
Delta R.T. -0.018 min

Lab File: BP021497.D

Acq: 14 Aug 2024 12:48

Tgt Ion:	252	Resp:	152963
Ion Ratio	Lower	Upper	
252	100		
254	65.1	51.7	77.5
126	11.8	8.7	13.1





#83

Chrysene

Concen: 4.067 ng

RT: 21.745 min Scan# 3190

Delta R.T. -0.006 min

Lab File: BP021497.D

Acq: 14 Aug 2024 12:48

Instrument :

BNA_P

ClientSampleId :

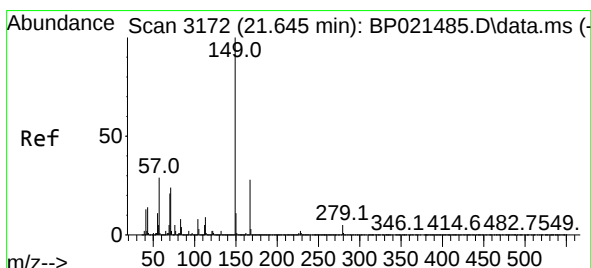
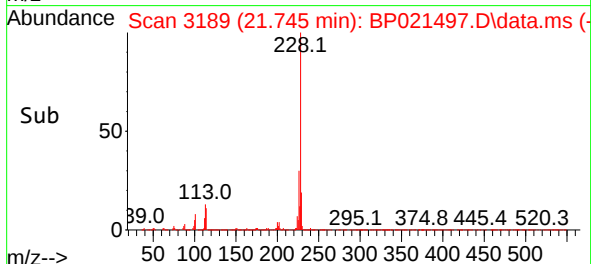
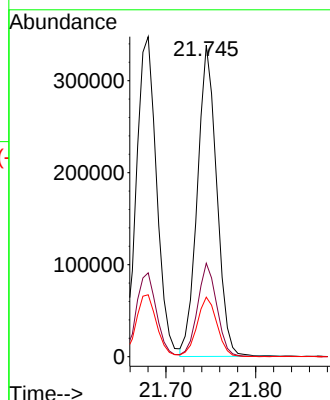
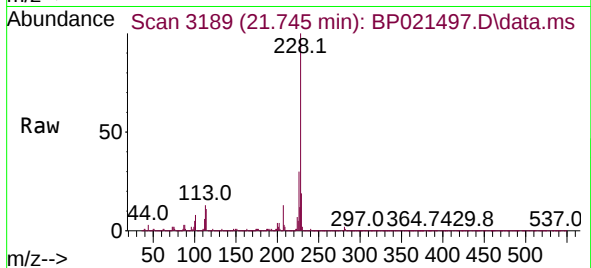
LOD-MDL-WATER-01-QT3-2024

Tgt Ion:228 Resp: 506248
 Ion Ratio Lower Upper
 228 100
 226 30.0 23.9 35.9
 229 19.1 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/14/2024
 Supervised By :mohammad ahmed 08/16/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.098 ng

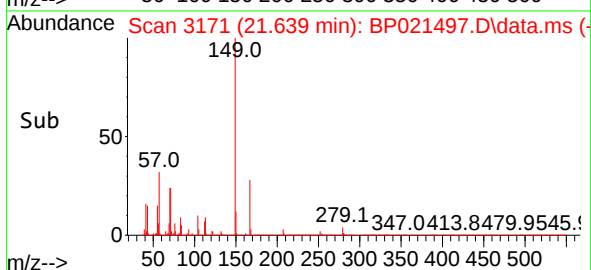
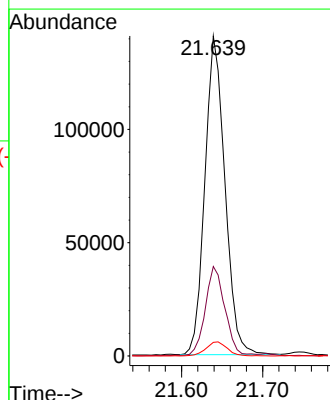
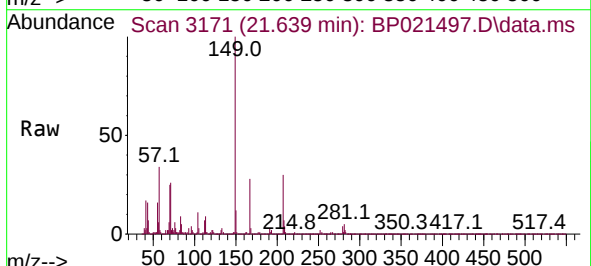
RT: 21.639 min Scan# 3171

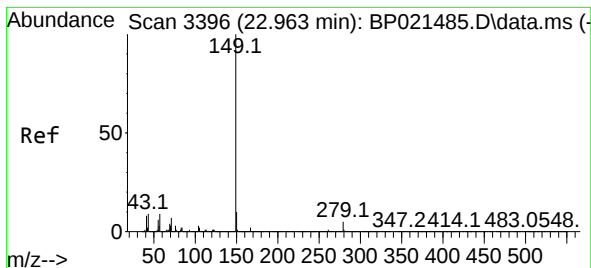
Delta R.T. -0.006 min

Lab File: BP021497.D

Acq: 14 Aug 2024 12:48

Tgt Ion:149 Resp: 241405
 Ion Ratio Lower Upper
 149 100
 167 28.0 22.3 33.5
 279 4.3 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 6.781 ng

RT: 22.951 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP021497.D

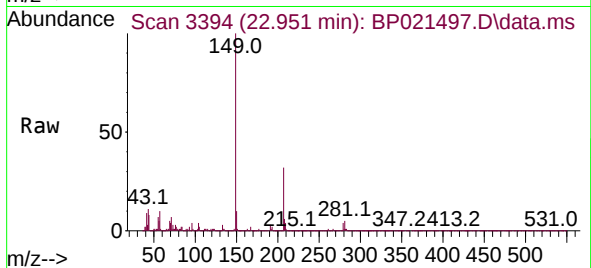
Acq: 14 Aug 2024 12:48

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024



Tgt Ion:149 Resp: 296090

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

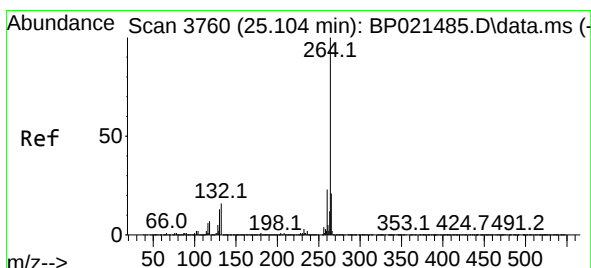
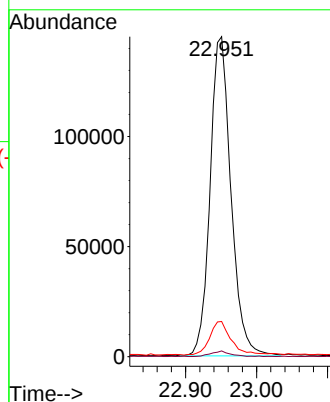
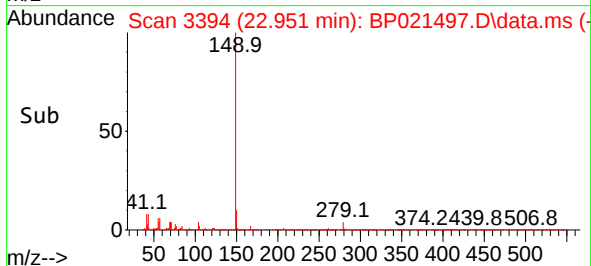
43 10.9 7.3 10.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/14/2024

Supervised By :mohammad ahmed 08/16/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.115 min Scan# 3762

Delta R.T. 0.012 min

Lab File: BP021497.D

Acq: 14 Aug 2024 12:48

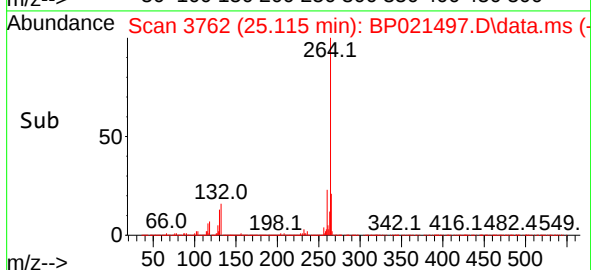
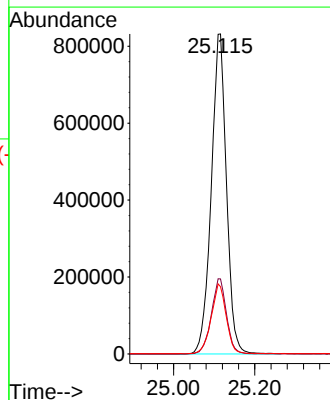
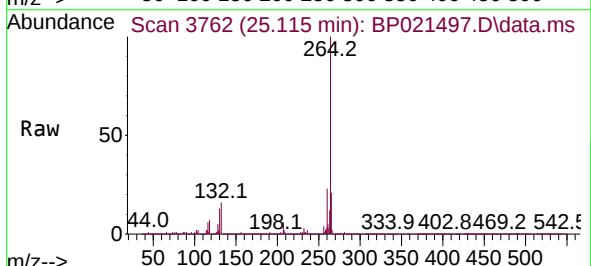
Tgt Ion:264 Resp: 2154157

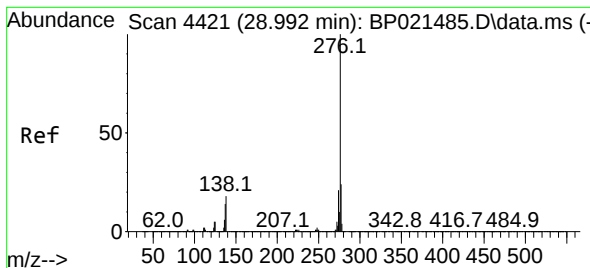
Ion Ratio Lower Upper

264 100

260 23.4 18.6 28.0

265 21.0 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.648 ng m

RT: 28.939 min Scan# 4421

Delta R.T. -0.053 min

Lab File: BP021497.D

Acq: 14 Aug 2024 12:48

Instrument :

BNA_P

ClientSampleId :

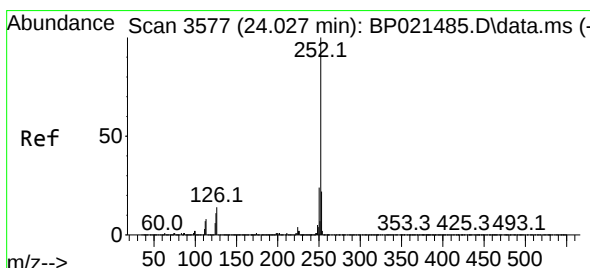
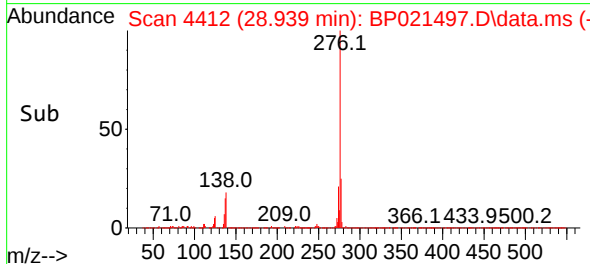
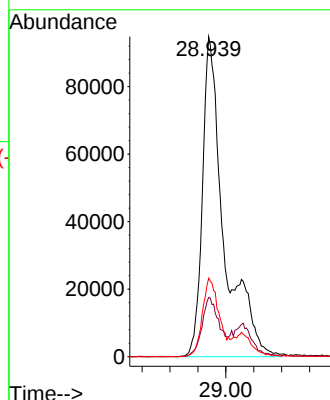
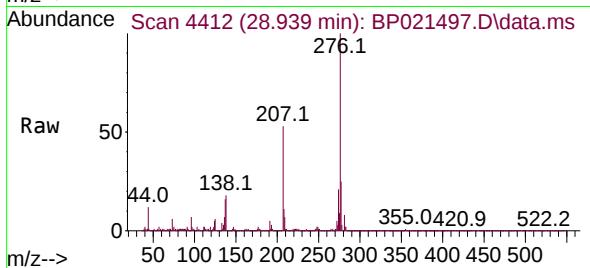
LOD-MDL-WATER-01-QT3-2024

Tgt Ion:	276	Resp:	509428
Ion Ratio	Lower	Upper	
276	100		
138	15.1	12.8	19.2
277	19.3	16.5	24.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#88

Benzo(b)fluoranthene

Concen: 3.805 ng

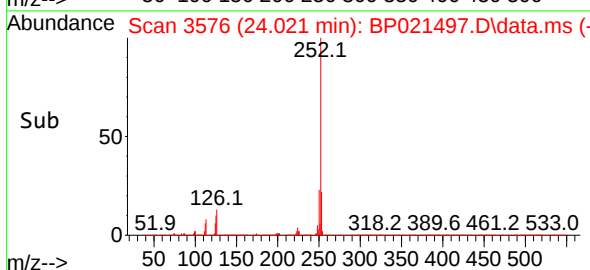
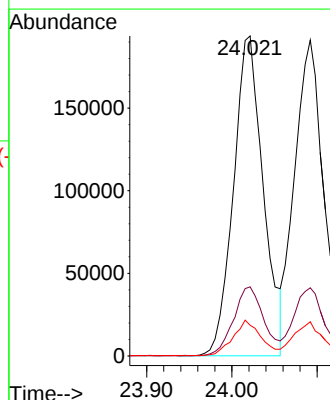
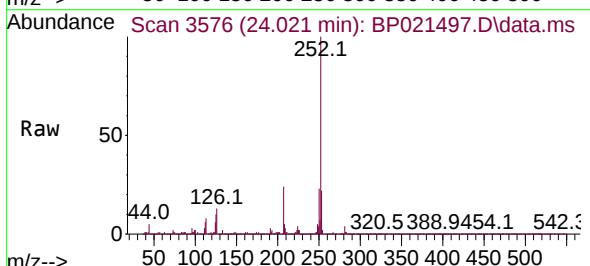
RT: 24.021 min Scan# 3576

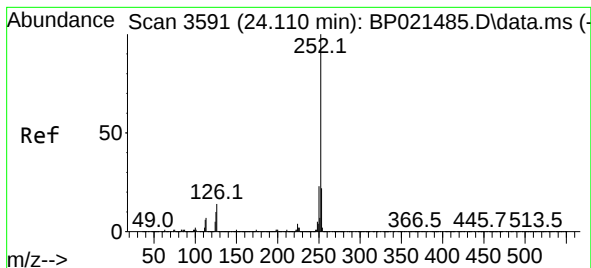
Delta R.T. -0.006 min

Lab File: BP021497.D

Acq: 14 Aug 2024 12:48

Tgt Ion:	252	Resp:	470703
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.6	26.4
125	9.6	8.6	13.0





#89

Benzo(k)fluoranthene

Concen: 3.816 ng

RT: 24.092 min Scan# 3591

Delta R.T. -0.018 min

Lab File: BP021497.D

Acq: 14 Aug 2024 12:48

Instrument :

BNA_P

ClientSampleId :

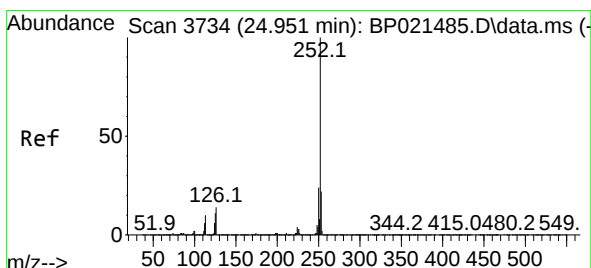
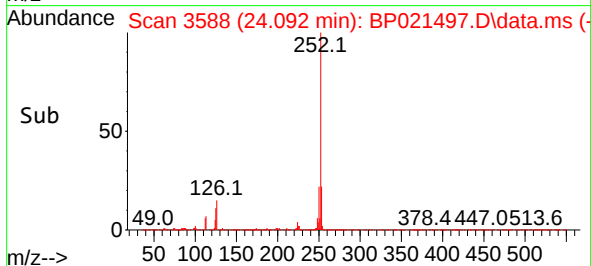
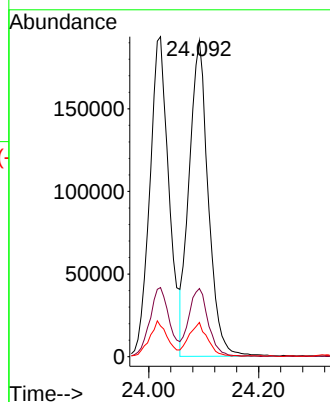
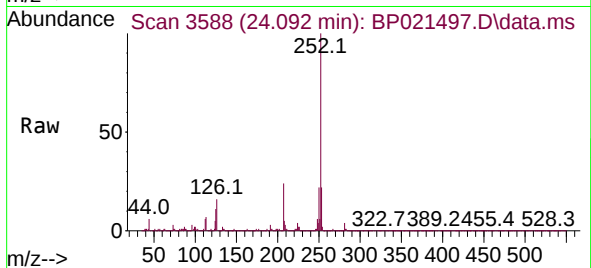
LOD-MDL-WATER-01-QT3-2024

Tgt Ion:252 Resp: 460588
 Ion Ratio Lower Upper
 252 100
 253 21.6 17.5 26.3
 125 10.8 7.8 11.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 08/14/2024
 Supervised By :mohammad ahmed 08/16/2024



#90

Benzo(a)pyrene

Concen: 3.863 ng

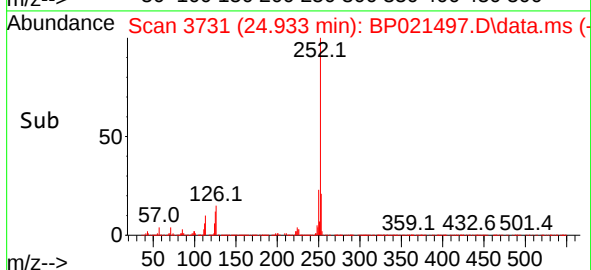
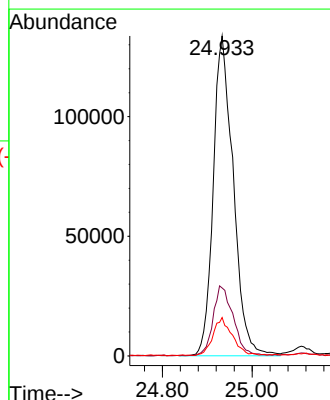
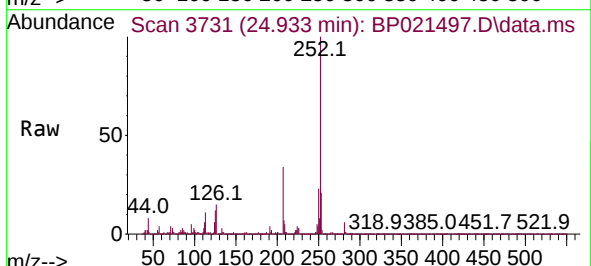
RT: 24.933 min Scan# 3731

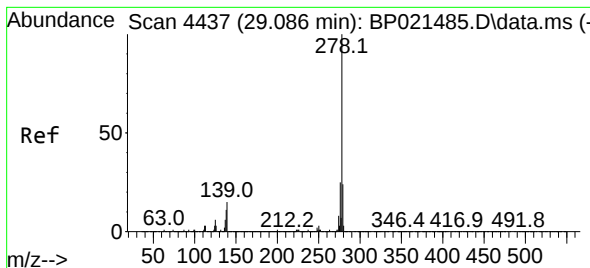
Delta R.T. -0.018 min

Lab File: BP021497.D

Acq: 14 Aug 2024 12:48

Tgt Ion:252 Resp: 414694
 Ion Ratio Lower Upper
 252 100
 253 21.3 17.7 26.5
 125 12.0 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 3.728 ng

RT: 29.056 min Scan# 4437

Delta R.T. -0.030 min

Lab File: BP021497.D

Acq: 14 Aug 2024 12:48

Instrument :

BNA_P

ClientSampleId :

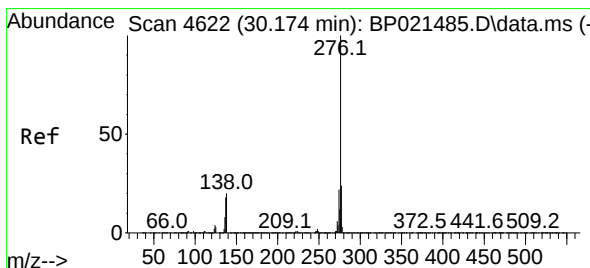
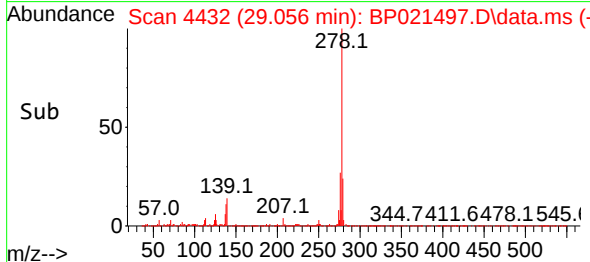
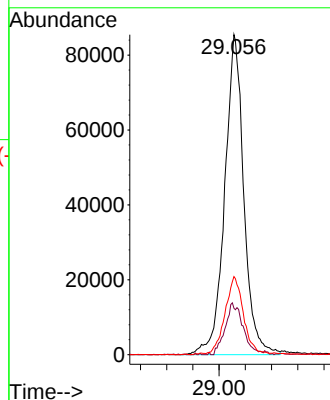
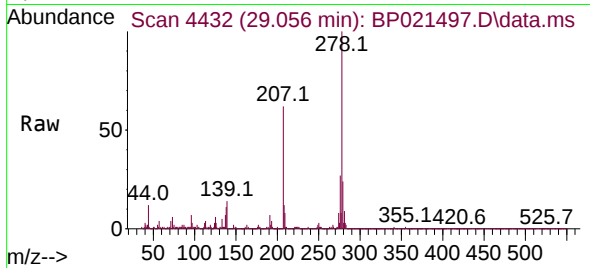
LOD-MDL-WATER-01-QT3-2024

Tgt Ion:	278	Resp:	43256
Ion Ratio	Lower	Upper	
278	100		
139	14.5	12.2	18.4
279	24.4	19.1	28.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#92

Benzo(g,h,i)perylene

Concen: 3.585 ng

RT: 30.150 min Scan# 4618

Delta R.T. -0.024 min

Lab File: BP021497.D

Acq: 14 Aug 2024 12:48

Tgt Ion:	276	Resp:	416862
Ion Ratio	Lower	Upper	
276	100		
277	24.9	19.0	28.6
138	21.5	16.0	24.0

