

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081424\
 Data File : BP021501.D
 Acq On : 14 Aug 2024 15:46
 Operator : RC/JU
 Sample : P3390-08
 Misc : LOQ-WATER-5ng
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-WATER-02-QT3-2024

Quant Time: Aug 14 16:32:57 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 16:23:38 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	7.799	152	320379	20.000	ng	-0.01
21) Naphthalene-d8	10.581	136	1308134	20.000	ng	-0.02
39) Acenaphthene-d10	14.451	164	869607	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	1839215	20.000	ng	0.00
76) Chrysene-d12	21.698	240	1857319	20.000	ng	0.00
86) Perylene-d12	25.121	264	2025367	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	2167792	100.471	ng	0.00
7) Phenol-d6	6.952	99	3045740	96.767	ng	-0.01
23) Nitrobenzene-d5	8.946	82	2172783	85.731	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	925951	95.672	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	4338633	76.143	ng	0.00
79) Terphenyl-d14	19.975	244	7025945	73.490	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.317	88	45802	4.477	ng	96
3) Pyridine	3.705	79	110637	3.874	ng	96
4) n-Nitrosodimethylamine	3.611	42	36741	4.280	ng	# 95
6) Aniline	7.116	93	155196	4.932	ng	98
8) 2-Chlorophenol	7.358	128	87881	4.407	ng	93
9) Benzaldehyde	6.934	77	113486	5.631	ng	96
10) Phenol	6.975	94	141527	4.342	ng	97
11) bis(2-Chloroethyl)ether	7.216	93	118364	4.292	ng	99
12) 1,3-Dichlorobenzene	7.687	146	100134	4.228	ng	98
13) 1,4-Dichlorobenzene	7.834	146	102856	4.301	ng	100
14) 1,2-Dichlorobenzene	8.152	146	96718	4.197	ng	98
15) Benzyl Alcohol	8.022	79	97097	4.299	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.316	45	114557	4.511	ng	100
17) 2-Methylphenol	8.222	107	82660	4.012	ng	97
18) Hexachloroethane	8.881	117	40370	4.209	ng	95
19) n-Nitroso-di-n-propyla...	8.593	70	92976	4.276	ng	99
20) 3+4-Methylphenols	8.546	107	112111	4.035	ng	98
22) Acetophenone	8.605	105	179099	4.457	ng	99
24) Nitrobenzene	8.981	77	134460	4.885	ng	98
25) Isophorone	9.510	82	258404	4.316	ng	98
26) 2-Nitrophenol	9.693	139	20775	5.230	ng	98
27) 2,4-Dimethylphenol	9.752	122	64455m	4.362	ng	
28) bis(2-Chloroethoxy)met...	9.993	93	157709	4.315	ng	100
29) 2,4-Dichlorophenol	10.222	162	68545	3.926	ng	98
30) 1,2,4-Trichlorobenzene	10.452	180	94914	4.240	ng	98
31) Naphthalene	10.634	128	295196	4.320	ng	99
32) Benzoic acid	9.787	122	18170m	2.030	ng	
33) 4-Chloroaniline	10.734	127	114326	4.454	ng	95
34) Hexachlorobutadiene	10.928	225	57936	4.111	ng	96
35) Caprolactam	11.469	113	27902	3.840	ng	96
36) 4-Chloro-3-methylphenol	11.852	107	95073	3.926	ng	99
37) 2-Methylnaphthalene	12.251	142	196763	4.219	ng	98
38) 1-Methylnaphthalene	12.475	142	185261	4.027	ng	99
40) 1,2,4,5-Tetrachloroben...	12.616	216	113056	4.437	ng	99
41) Hexachlorocyclopentadiene	12.604	237	30327	3.755	ng	97
43) 2,4,6-Trichlorophenol	12.857	196	50918	3.598	ng	95

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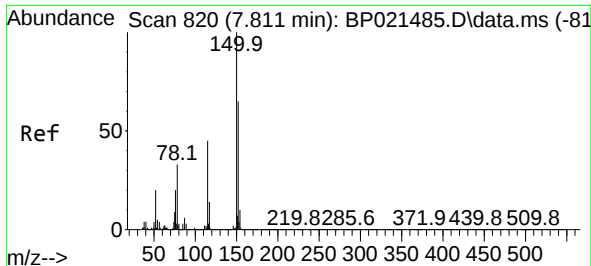
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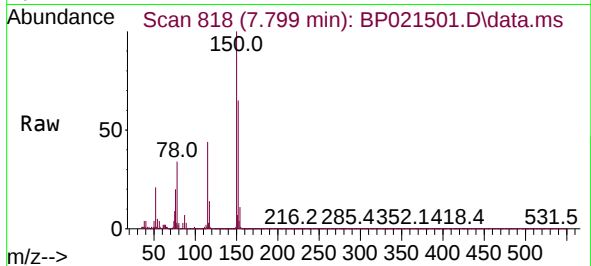
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.922	196	57047	3.628	ng	95
46) 1,1'-Biphenyl	13.269	154	273327	4.443	ng	99
47) 2-Chloronaphthalene	13.304	162	204222	4.264	ng	100
48) 2-Nitroaniline	13.498	65	39708	3.566	ng	91
49) Acenaphthylene	14.169	152	319950	4.544	ng	100
50) Dimethylphthalate	13.893	163	246572	4.234	ng	98
51) 2,6-Dinitrotoluene	13.998	165	33155	5.791	ng	90
52) Acenaphthene	14.516	154	194398	4.208	ng	97
53) 3-Nitroaniline	14.328	138	34636	6.018	ng	# 83
54) 2,4-Dinitrophenol	14.545	184	9137	3.042	ng	# 72
55) Dibenzofuran	14.863	168	317562	4.468	ng	99
56) 4-Nitrophenol	14.640	139	24134	2.848	ng	# 87
57) 2,4-Dinitrotoluene	14.810	165	36299	6.088	ng	98
58) Fluorene	15.522	166	256567	4.394	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.081	232	47139	3.532	ng	# 93
60) Diethylphthalate	15.287	149	251616	4.211	ng	99
61) 4-Chlorophenyl-phenyle...	15.516	204	131647	4.362	ng	98
62) 4-Nitroaniline	15.516	138	35231	5.721	ng	# 78
63) Azobenzene	15.816	77	325215	4.428	ng	99
65) 4,6-Dinitro-2-methylph...	15.587	198	12140	2.429	ng	94
66) n-Nitrosodiphenylamine	15.728	169	213874	4.339	ng	99
67) 4-Bromophenyl-phenylether	16.428	248	75460	3.877	ng	98
68) Hexachlorobenzene	16.551	284	97454	4.236	ng	97
69) Atrazine	16.692	200	71660	4.235	ng	99
70) Pentachlorophenol	16.898	266	36604	2.915	ng	99
71) Phenanthrene	17.298	178	405676	4.586	ng	98
72) Anthracene	17.387	178	371490	4.282	ng	99
73) Carbazole	17.669	167	352647	4.218	ng	100
74) Di-n-butylphthalate	18.275	149	382068	3.721	ng	98
75) Fluoranthene	19.375	202	444433	4.095	ng	98
77) Benzidine	19.563	184	143954	3.695	ng	100
78) Pyrene	19.751	202	479558	3.950	ng	99
80) Butylbenzylphthalate	20.698	149	116533	5.027	ng	97
81) Benzo(a)anthracene	21.680	228	497203	4.264	ng	100
82) 3,3'-Dichlorobenzidine	21.592	252	146096	3.908	ng	99
83) Chrysene	21.745	228	469763	4.267	ng	99
84) Bis(2-ethylhexyl)phtha...	21.639	149	225411	5.110	ng	97
85) Di-n-octyl phthalate	22.951	149	291642	7.003	ng	# 95
87) Indeno(1,2,3-cd)pyrene	28.962	276	516037m	3.931	ng	
88) Benzo(b)fluoranthene	24.021	252	455619	3.917	ng	99
89) Benzo(k)fluoranthene	24.098	252	466418	4.110	ng	99
90) Benzo(a)pyrene	24.933	252	413008	4.091	ng	97
91) Dibenzo(a,h)anthracene	29.056	278	436027	3.997	ng	95
92) Benzo(g,h,i)perylene	30.162	276	422686	3.866	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.799 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP021501.D
Acq: 14 Aug 2024 15:46

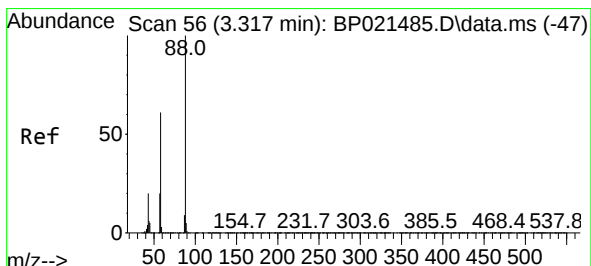
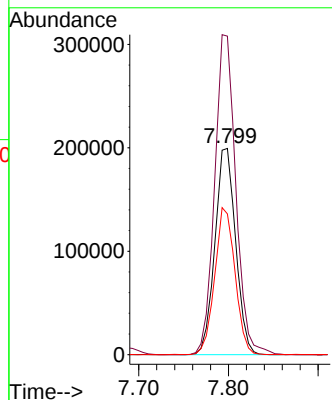
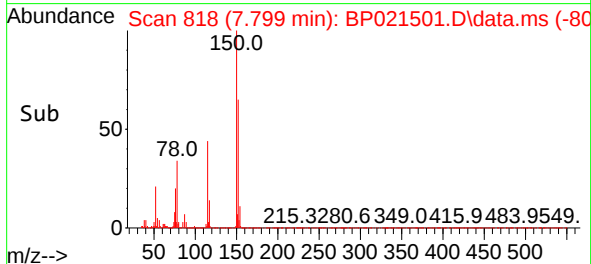
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion:152 Resp: 320379
Ion Ratio Lower Upper
152 100
150 154.4 122.4 183.6
115 68.2 54.7 82.1

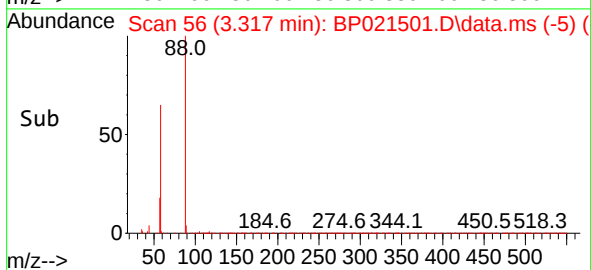
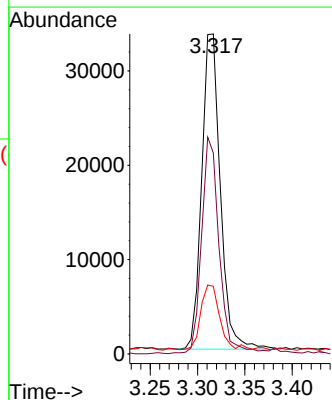
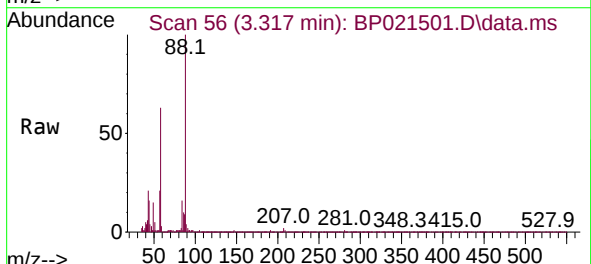
Manual Integrations
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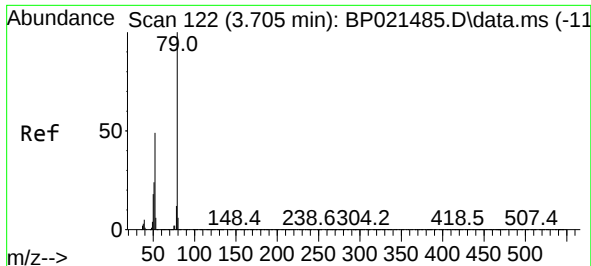
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#2
1,4-Dioxane
Concen: 4.477 ng
RT: 3.317 min Scan# 56
Delta R.T. 0.000 min
Lab File: BP021501.D
Acq: 14 Aug 2024 15:46

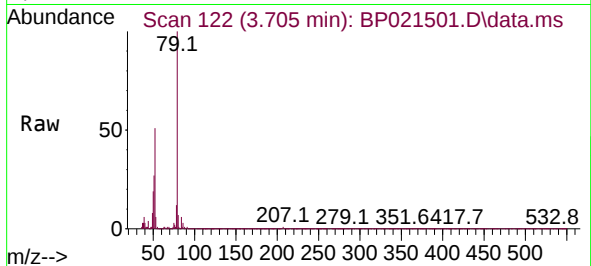
Tgt Ion: 88 Resp: 45802
Ion Ratio Lower Upper
88 100
58 64.4 48.7 73.1
43 20.9 15.4 23.2





#3
Pyridine
Concen: 3.874 ng
RT: 3.705 min Scan# 110
Delta R.T. -0.000 min
Lab File: BP021501.D
Acq: 14 Aug 2024 15:46

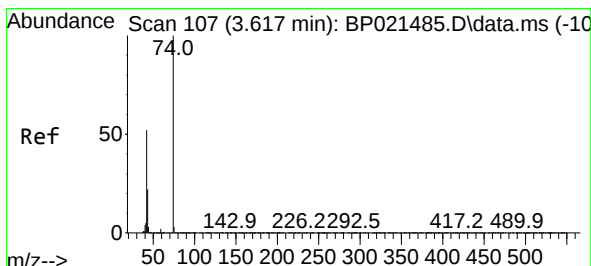
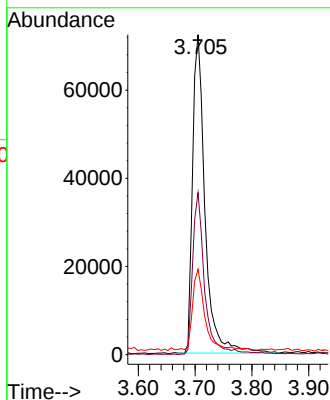
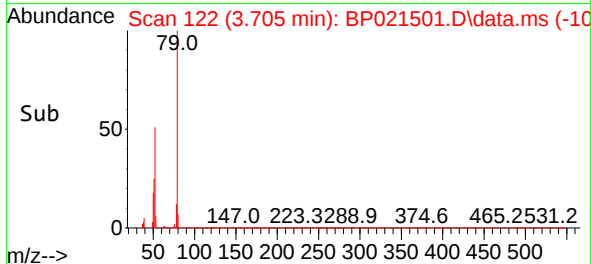
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LOQ-WATER-02-QT3-2024



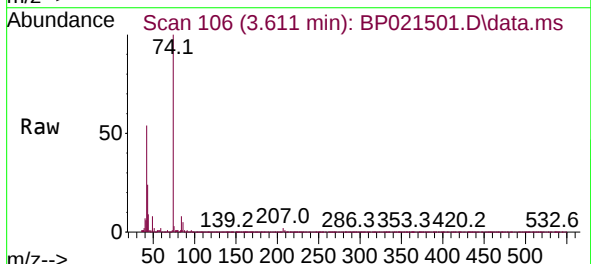
Tgt Ion: 79 Resp: 11063
Ion Ratio Lower Upper
79 100
52 50.7 39.0 58.6
51 26.7 19.2 28.8

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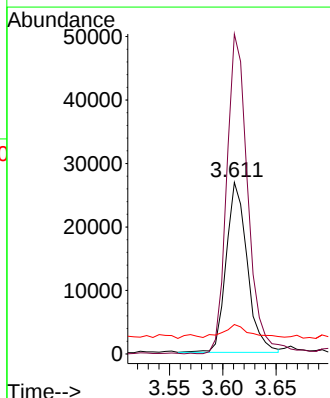
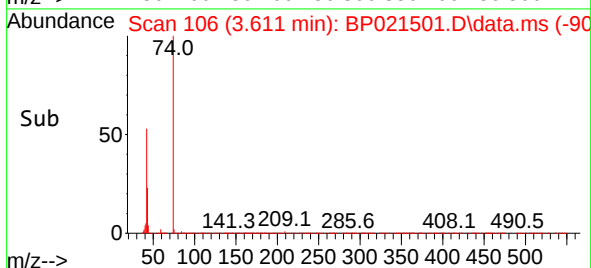
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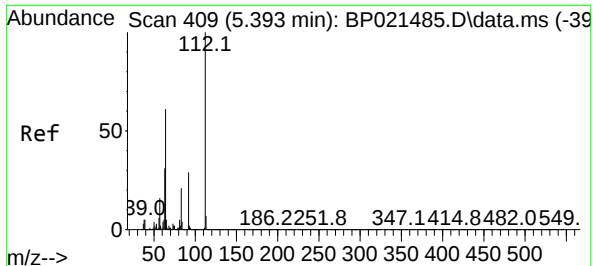


#4
n-Nitrosodimethylamine
Concen: 4.280 ng
RT: 3.611 min Scan# 106
Delta R.T. -0.006 min
Lab File: BP021501.D
Acq: 14 Aug 2024 15:46



Tgt Ion: 42 Resp: 36741
Ion Ratio Lower Upper
42 100
74 186.5 154.3 231.5
44 17.2 6.2 9.4#





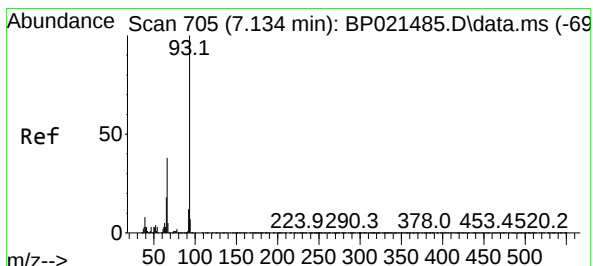
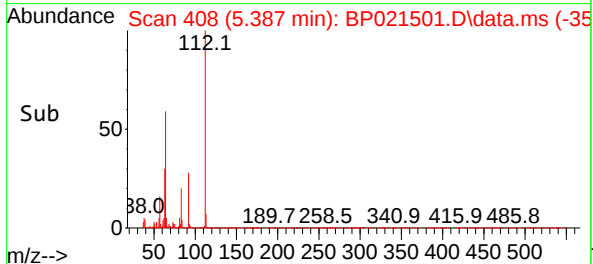
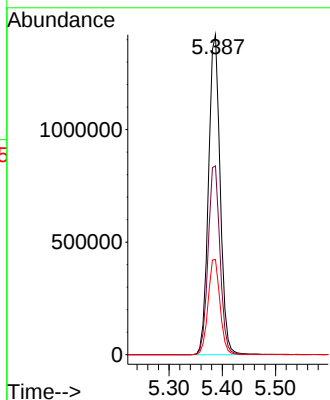
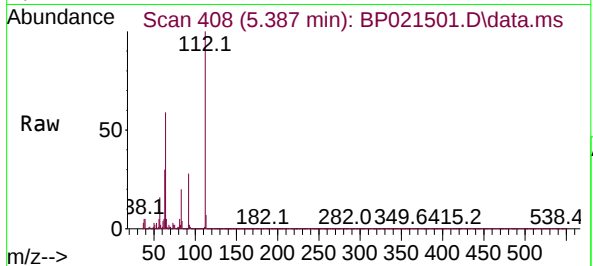
#5
2-Fluorophenol
Concen: 100.471 ng
RT: 5.387 min Scan# 409
Delta R.T. -0.006 min
Lab File: BP021501.D
Acq: 14 Aug 2024 15:46

Instrument :
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ClientSampleId :
LOQ-WATER-02-QT3-2024

Tgt Ion:112 Resp: 216779
Ion Ratio Lower Upper
112 100
64 59.0 49.0 73.6
63 29.7 24.6 36.8

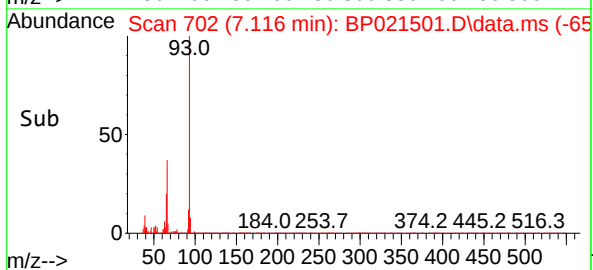
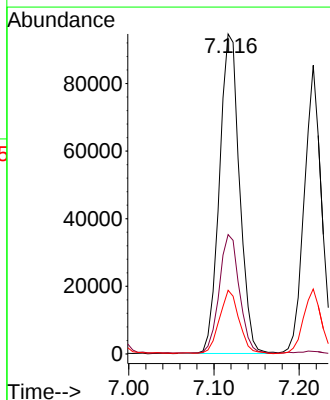
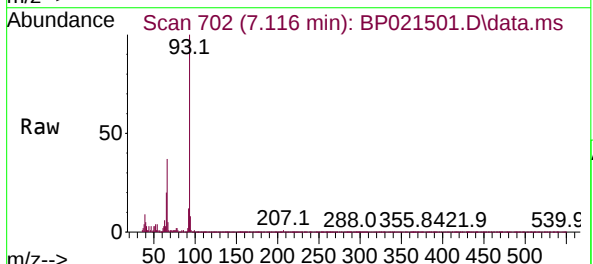
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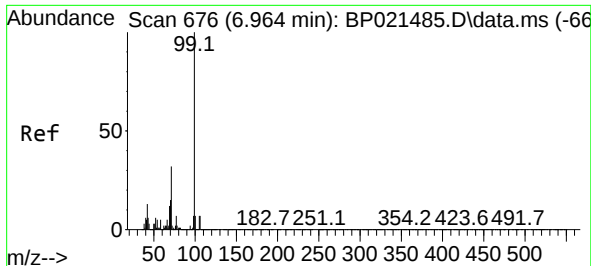
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#6
Aniline
Concen: 4.932 ng
RT: 7.116 min Scan# 702
Delta R.T. -0.018 min
Lab File: BP021501.D
Acq: 14 Aug 2024 15:46

Tgt Ion: 93 Resp: 155196
Ion Ratio Lower Upper
93 100
66 37.3 30.2 45.2
65 19.9 14.7 22.1





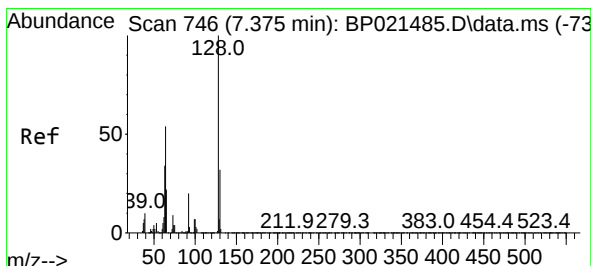
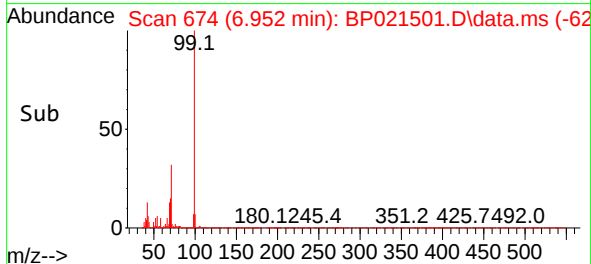
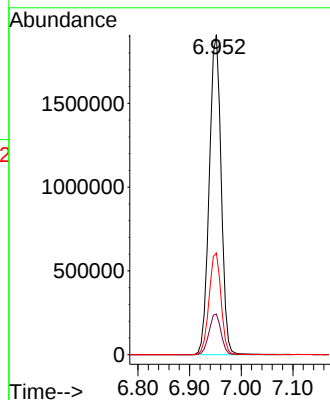
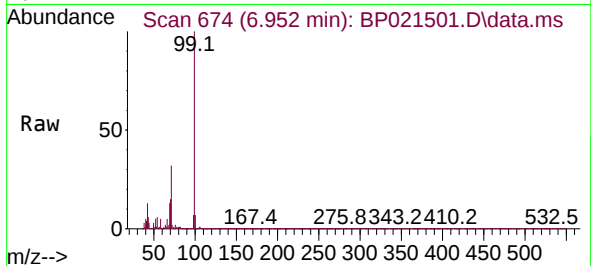
#7
Phenol-d6
Concen: 96.767 ng
RT: 6.952 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP021501.D
Acq: 14 Aug 2024 15:46

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BNA_P
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Tgt Ion: 99 Resp: 3045740
Ion Ratio Lower Upper
99 100
42 12.7 10.2 15.4
71 31.8 25.8 38.8

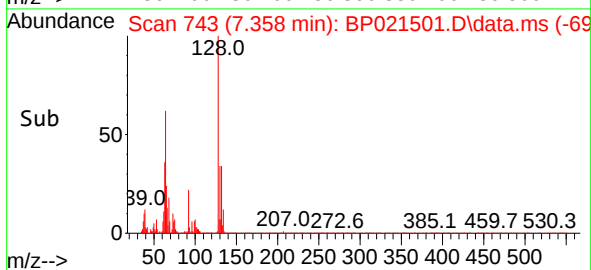
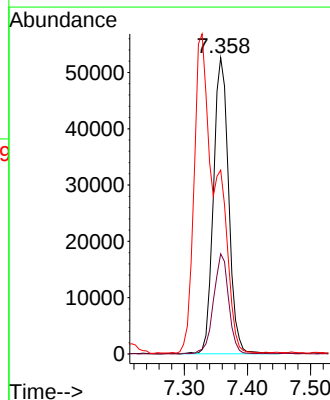
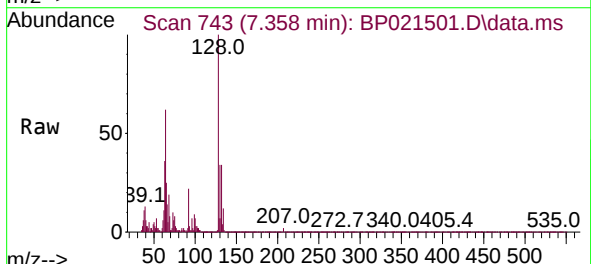
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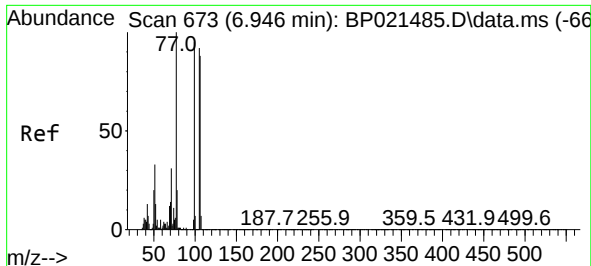
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#8
2-Chlorophenol
Concen: 4.407 ng
RT: 7.358 min Scan# 743
Delta R.T. -0.018 min
Lab File: BP021501.D
Acq: 14 Aug 2024 15:46

Tgt Ion:128 Resp: 87881
Ion Ratio Lower Upper
128 100
130 33.8 11.6 51.6
64 62.1 35.3 75.3





#9

Benzaldehyde

Concen: 5.631 ng

RT: 6.934 min Scan# 673

Delta R.T. -0.012 min

Lab File: BP021501.D

Acq: 14 Aug 2024 15:46

Instrument :

BNA_P

ClientSampleId :

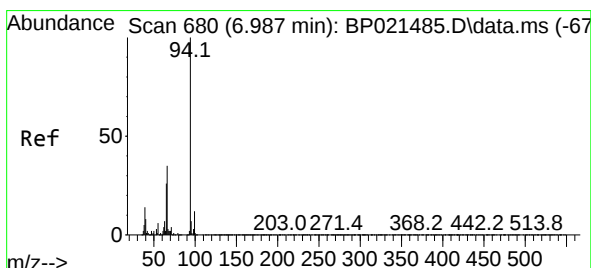
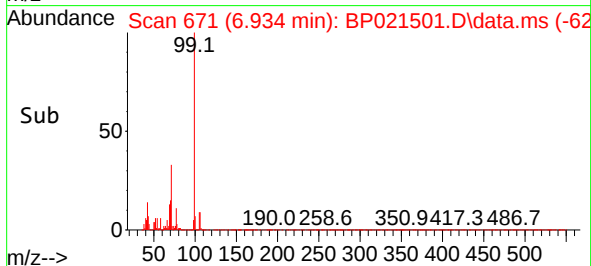
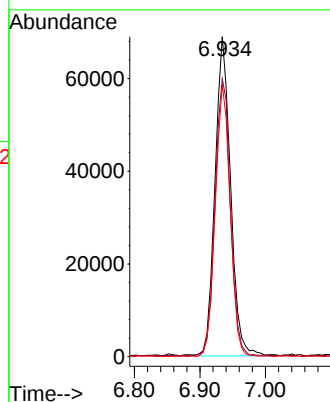
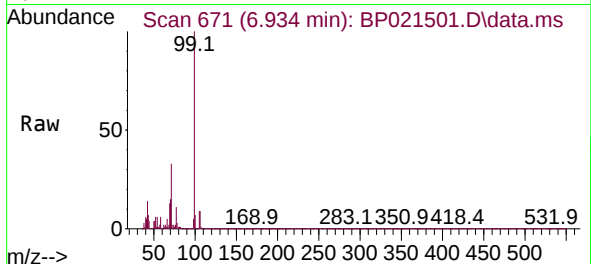
LOQ-WATER-02-QT3-2024

Tgt Ion: 77	Resp: 11348
Ion Ratio	Lower Upper
77 100	
105 86.8	72.1 112.1
106 85.1	67.9 107.9

Manual Integrations

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#10

Phenol

Concen: 4.342 ng

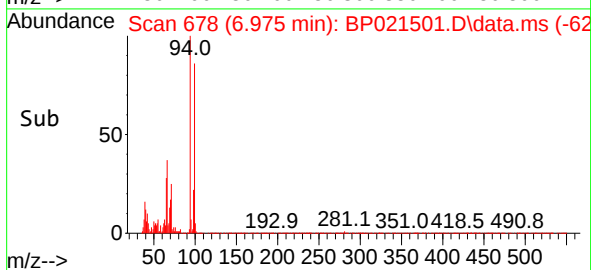
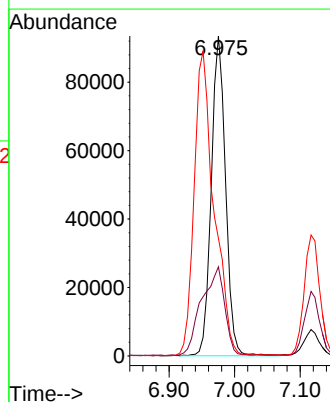
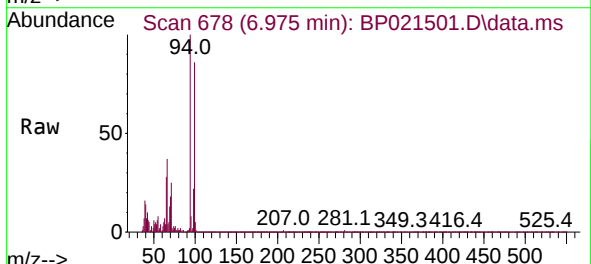
RT: 6.975 min Scan# 678

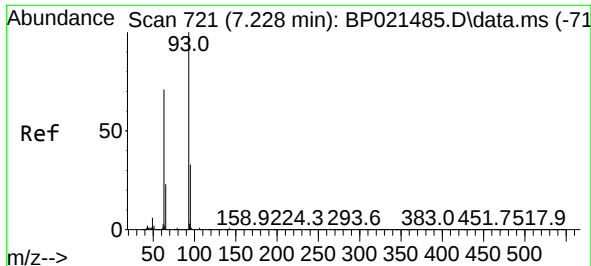
Delta R.T. -0.012 min

Lab File: BP021501.D

Acq: 14 Aug 2024 15:46

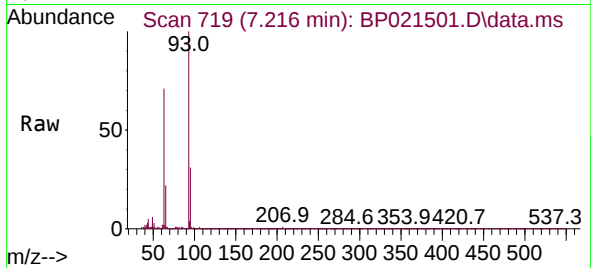
Tgt Ion: 94	Resp: 141527
Ion Ratio	Lower Upper
94 100	
65 27.9	6.5 46.5
66 36.8	14.7 54.7





#11
bis(2-Chloroethyl)ether
Concen: 4.292 ng
RT: 7.216 min Scan# 719
Delta R.T. -0.012 min
Lab File: BP021501.D
Acq: 14 Aug 2024 15:46

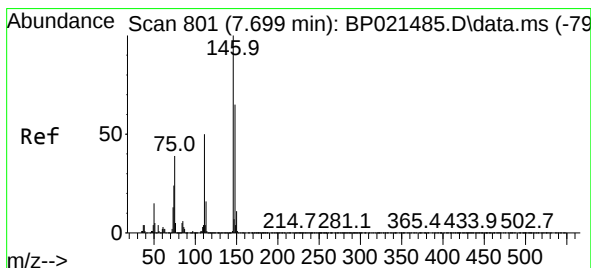
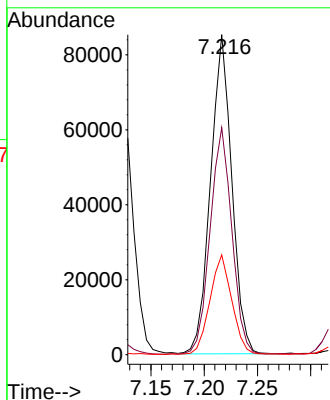
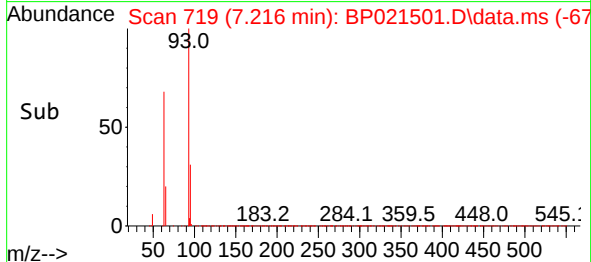
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT3-2024



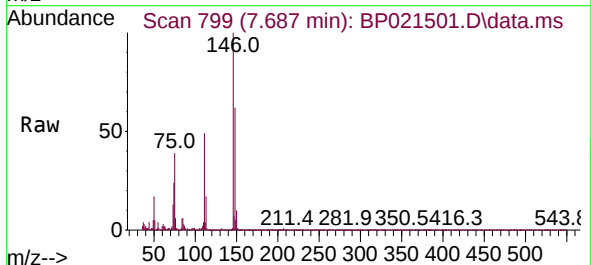
Tgt Ion: 93 Resp: 118364
Ion Ratio Lower Upper
93 100
63 70.9 51.0 91.0
95 31.2 12.9 52.9

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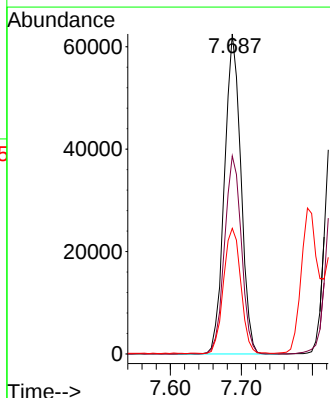
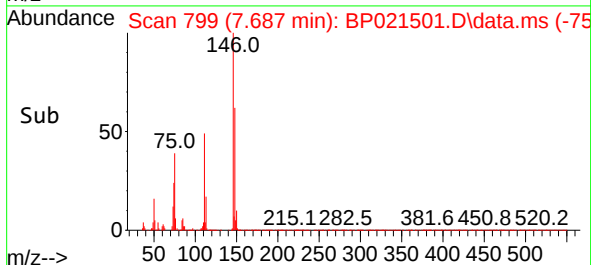
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024

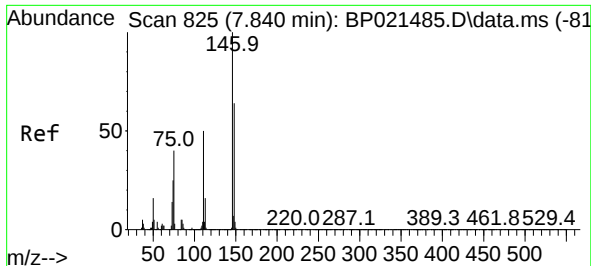


#12
1,3-Dichlorobenzene
Concen: 4.228 ng
RT: 7.687 min Scan# 799
Delta R.T. -0.012 min
Lab File: BP021501.D
Acq: 14 Aug 2024 15:46



Tgt Ion:146 Resp: 100134
Ion Ratio Lower Upper
146 100
148 61.9 51.8 77.6
75 39.2 31.3 46.9





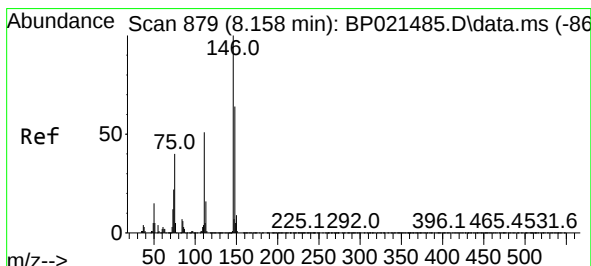
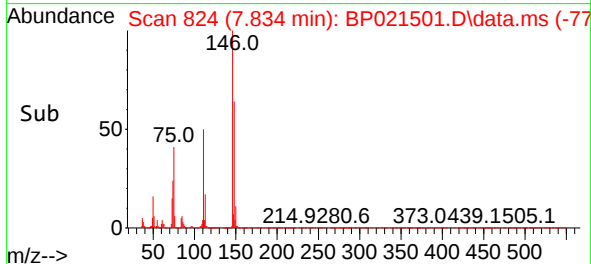
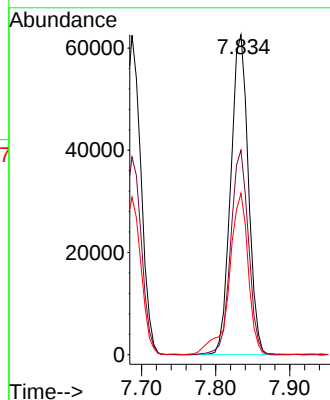
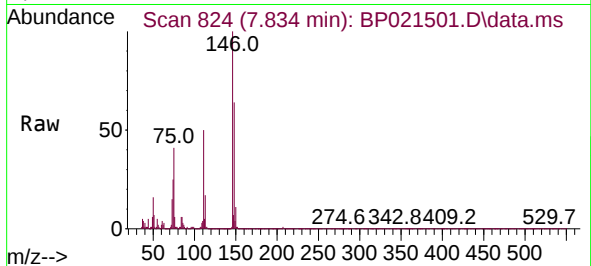
#13
1,4-Dichlorobenzene
Concen: 4.301 ng
RT: 7.834 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP021501.D
Acq: 14 Aug 2024 15:46

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT3-2024

Tgt Ion:146 Resp: 102850
Ion Ratio Lower Upper
146 100
148 63.9 51.5 77.3
111 50.5 40.3 60.5

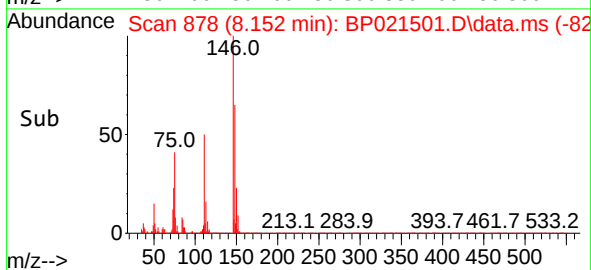
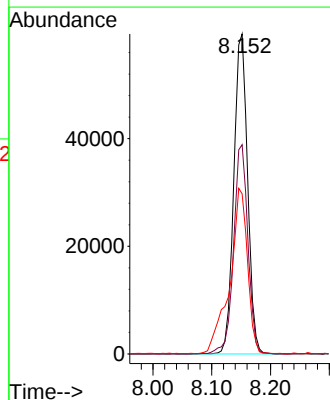
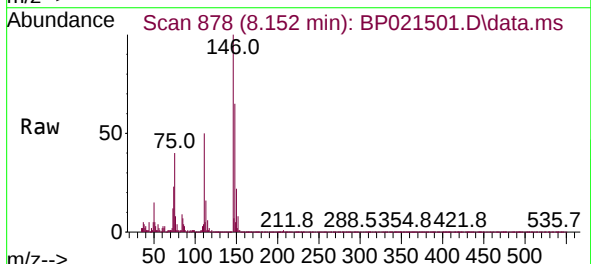
Manual Integrations
APPROVED

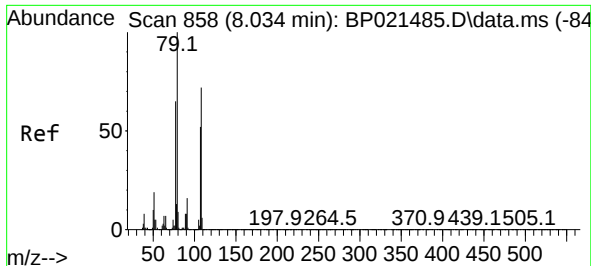
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#14
1,2-Dichlorobenzene
Concen: 4.197 ng
RT: 8.152 min Scan# 878
Delta R.T. -0.006 min
Lab File: BP021501.D
Acq: 14 Aug 2024 15:46

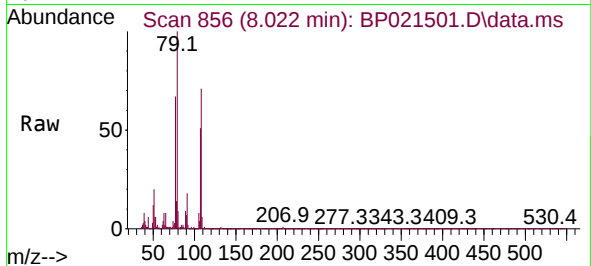
Tgt Ion:146 Resp: 96718
Ion Ratio Lower Upper
146 100
148 65.4 51.5 77.3
111 50.0 41.1 61.7





#15
Benzyl Alcohol
Concen: 4.299 ng
RT: 8.022 min Scan# 801
Delta R.T. -0.012 min
Lab File: BP021501.D
Acq: 14 Aug 2024 15:46

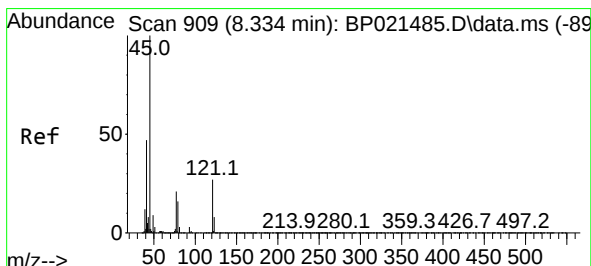
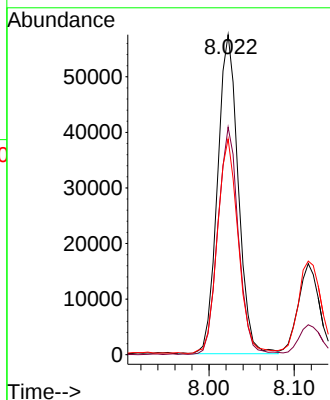
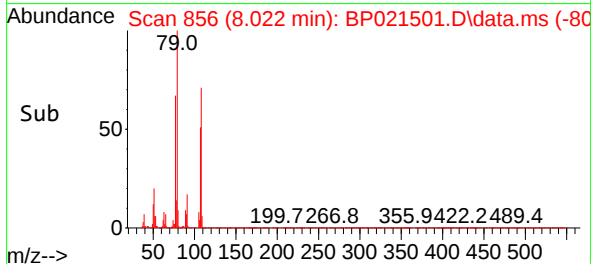
Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT3-2024



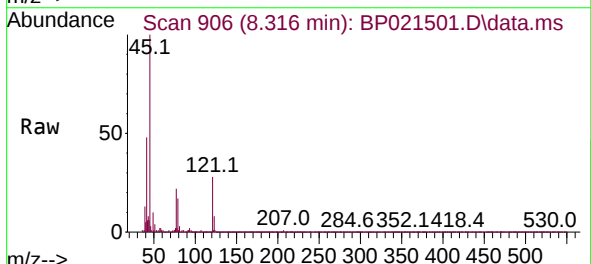
Tgt Ion: 79 Resp: 9709
Ion Ratio Lower Upper
79 100
108 71.1 57.9 86.9
77 67.4 51.8 77.8

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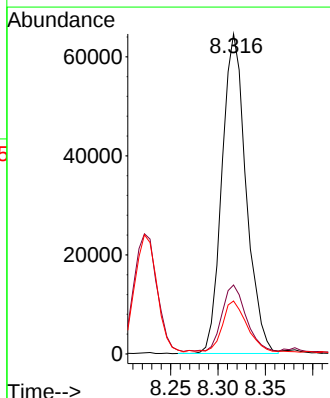
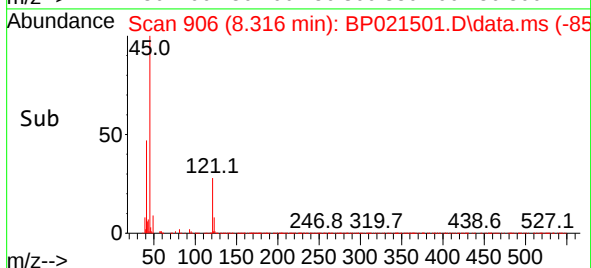
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024

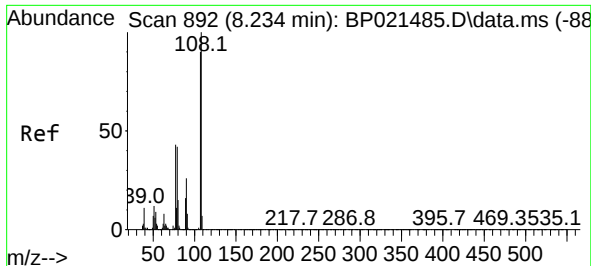


#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.511 ng
RT: 8.316 min Scan# 906
Delta R.T. -0.018 min
Lab File: BP021501.D
Acq: 14 Aug 2024 15:46



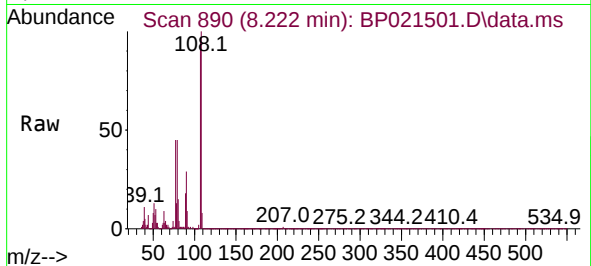
Tgt Ion: 45 Resp: 114557
Ion Ratio Lower Upper
45 100
77 21.6 1.9 41.9
79 16.5 0.0 36.6





#17
2-Methylphenol
Concen: 4.012 ng
RT: 8.222 min Scan# 89
Delta R.T. -0.012 min
Lab File: BP021501.D
Acq: 14 Aug 2024 15:46

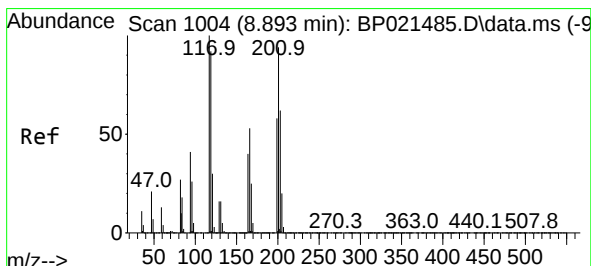
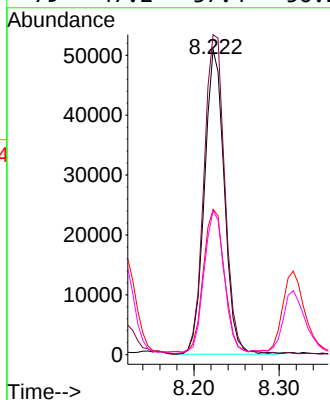
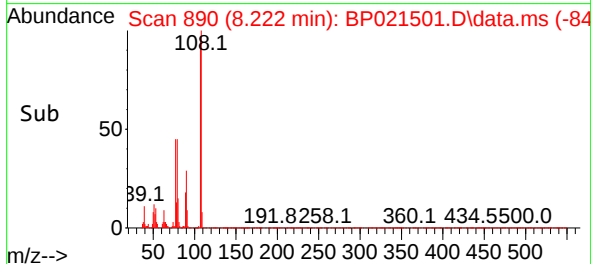
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion:107 Resp: 82660
Ion Ratio Lower Upper
107 100
108 104.9 88.8 133.2
77 47.6 38.7 58.1
79 47.2 37.4 56.2

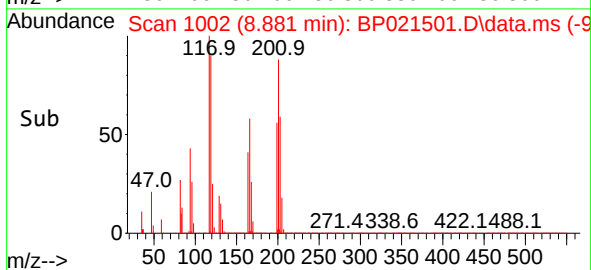
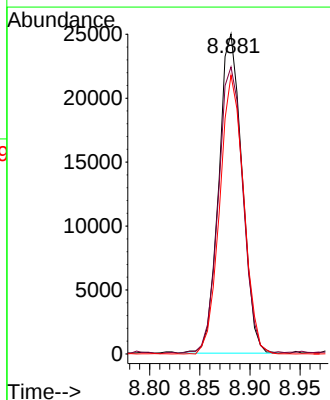
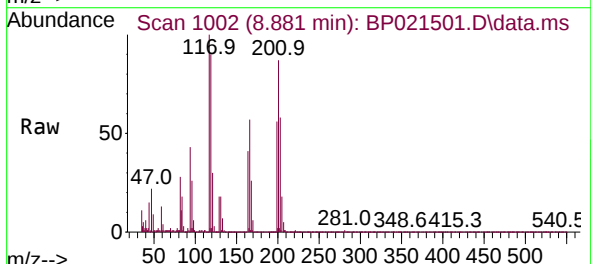
Manual Integrations
APPROVED

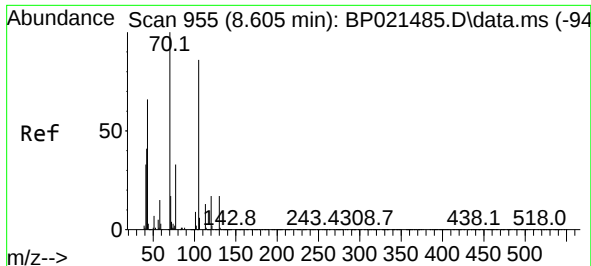
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#18
Hexachloroethane
Concen: 4.209 ng
RT: 8.881 min Scan# 1002
Delta R.T. -0.012 min
Lab File: BP021501.D
Acq: 14 Aug 2024 15:46

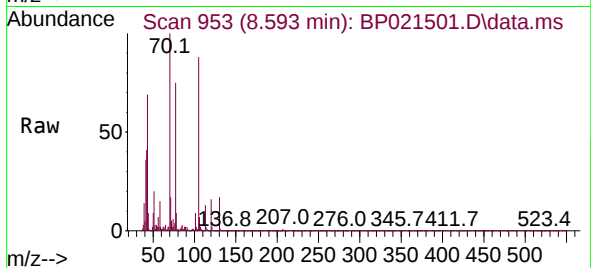
Tgt Ion:117 Resp: 40370
Ion Ratio Lower Upper
117 100
119 89.7 73.9 110.9
201 87.1 74.9 112.3





#19
n-Nitroso-di-n-propylamine
Concen: 4.276 ng
RT: 8.593 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP021501.D
Acq: 14 Aug 2024 15:46

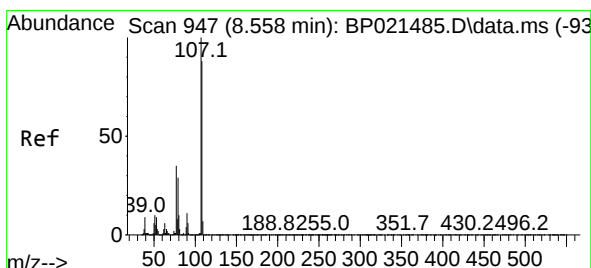
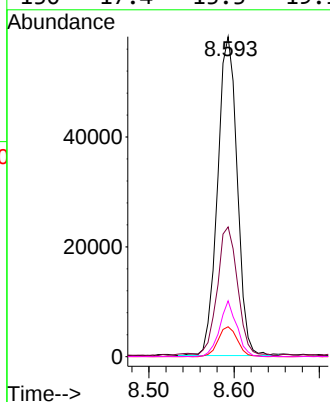
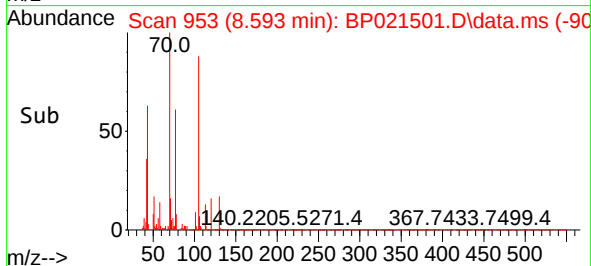
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT3-2024



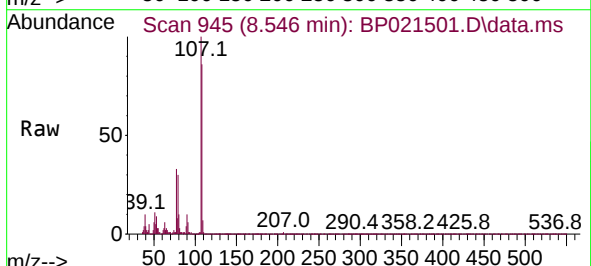
Tgt Ion: 70 Resp: 92970
Ion Ratio Lower Upper
70 100
42 40.6 33.1 49.7
101 9.4 7.4 11.2
130 17.4 13.3 19.9

Manual Integrations
APPROVED

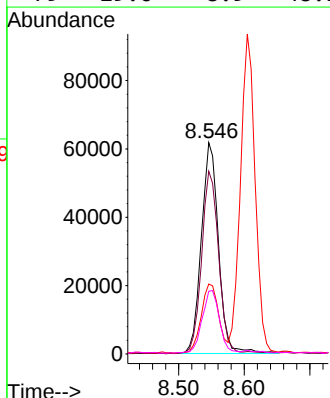
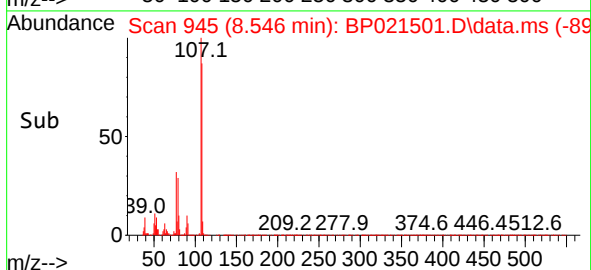
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024

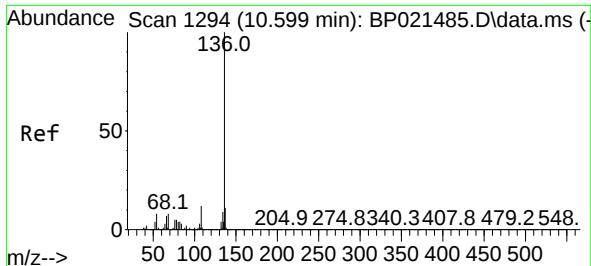


#20
3+4-Methylphenols
Concen: 4.035 ng
RT: 8.546 min Scan# 945
Delta R.T. -0.012 min
Lab File: BP021501.D
Acq: 14 Aug 2024 15:46



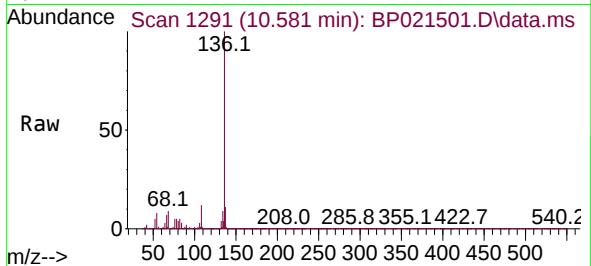
Tgt Ion:107 Resp: 112111
Ion Ratio Lower Upper
107 100
108 86.4 67.6 107.6
77 33.0 15.0 55.0
79 29.6 8.9 48.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 1291
Delta R.T. -0.018 min
Lab File: BP021501.D
Acq: 14 Aug 2024 15:46

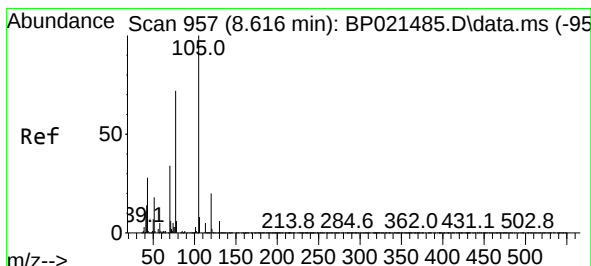
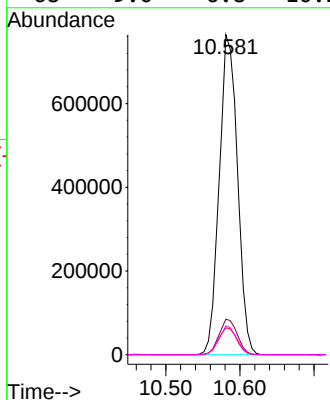
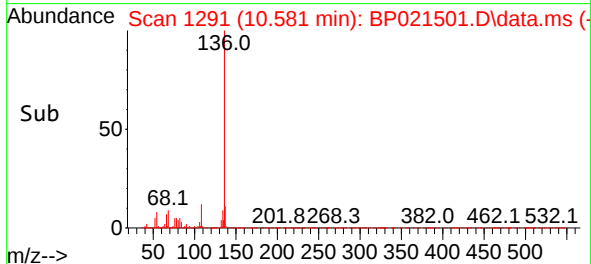
Instrument : BNA_P
ClientSampleId : LOQ-WATER-02-QT3-2024



Tgt Ion:136 Resp: 1308134
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.4 6.3 9.5
68 9.0 6.8 10.2

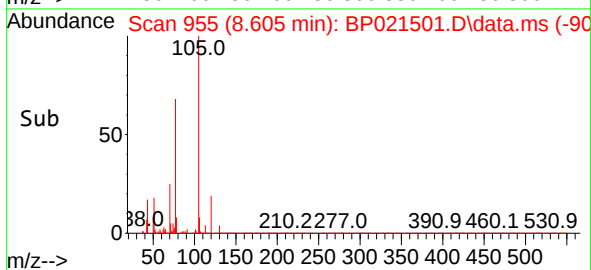
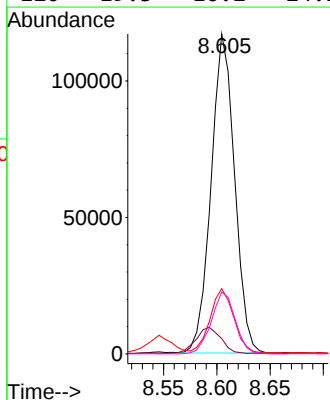
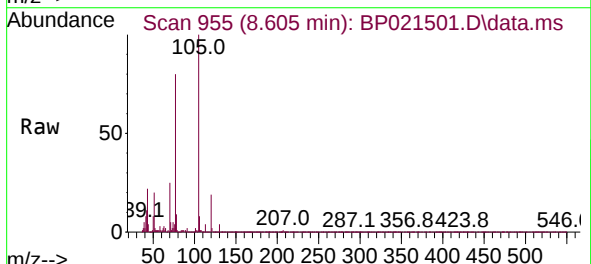
Manual Integrations
APPROVED

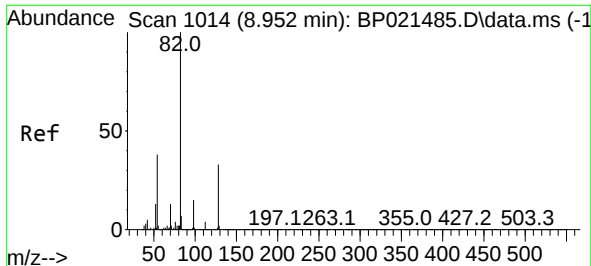
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#22
Acetophenone
Concen: 4.457 ng
RT: 8.605 min Scan# 955
Delta R.T. -0.012 min
Lab File: BP021501.D
Acq: 14 Aug 2024 15:46

Tgt Ion:105 Resp: 179099
Ion Ratio Lower Upper
105 100
71 4.8 4.6 7.0
51 20.4 16.3 24.5
120 19.3 16.2 24.2





#23

Nitrobenzene-d5

Concen: 85.731 ng

RT: 8.946 min Scan# 1013

Delta R.T. -0.006 min

Lab File: BP021501.D

Acq: 14 Aug 2024 15:46

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT3-2024

Tgt Ion: 82 Resp: 217278

Ion Ratio Lower Upper

82 100

128 33.9 26.5 39.7

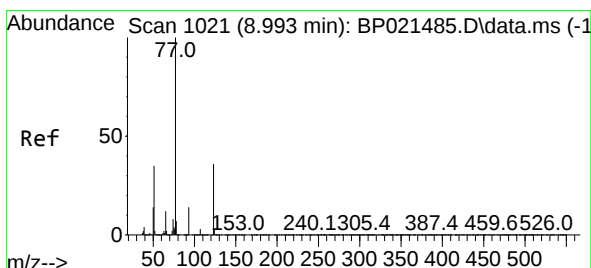
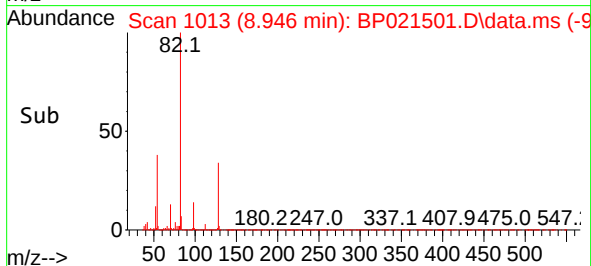
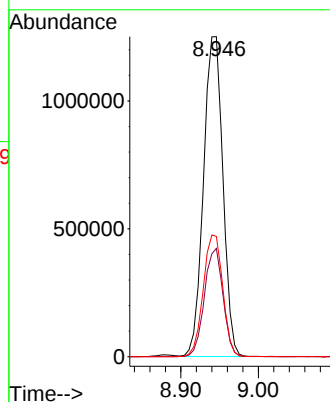
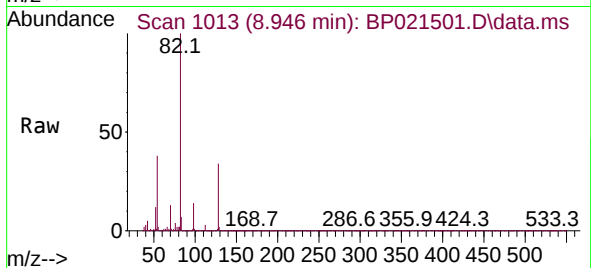
54 37.6 30.3 45.5

Manual Integrations

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Reviewed By :Jagrut Upadhyay 08/14/2024

Supervised By :mohammad ahmed 08/16/2024



#24

Nitrobenzene

Concen: 4.885 ng

RT: 8.981 min Scan# 1019

Delta R.T. -0.012 min

Lab File: BP021501.D

Acq: 14 Aug 2024 15:46

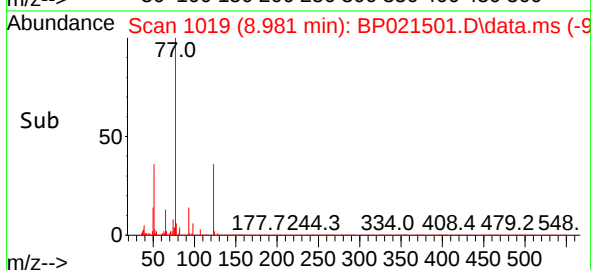
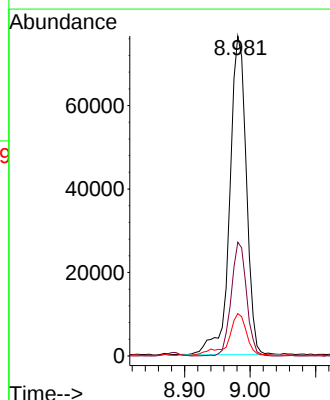
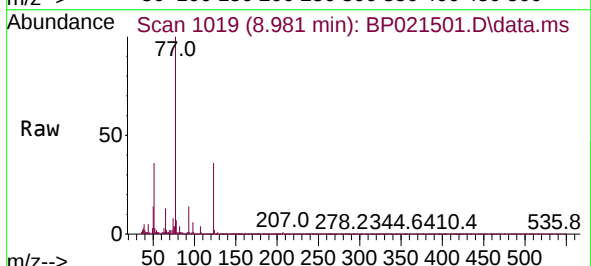
Tgt Ion: 77 Resp: 134460

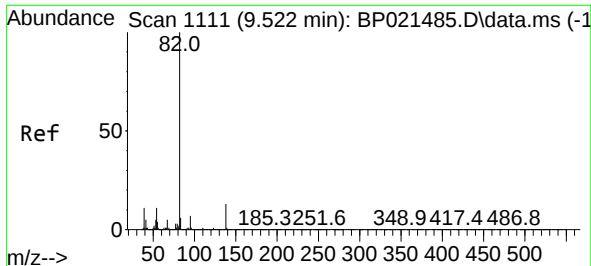
Ion Ratio Lower Upper

77 100

123 35.5 29.5 44.3

65 13.3 9.9 14.9





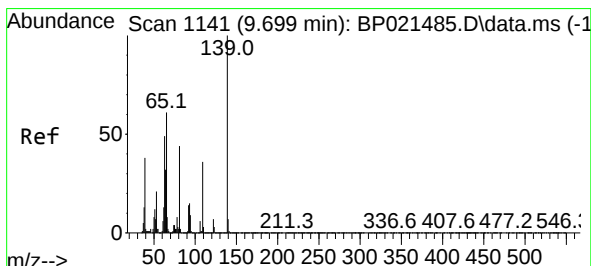
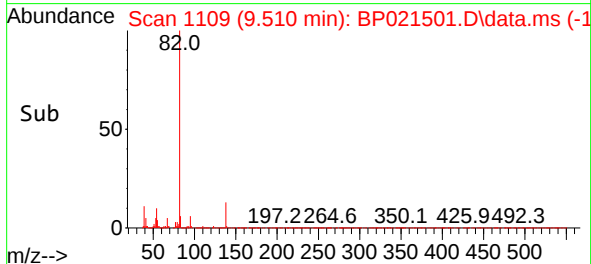
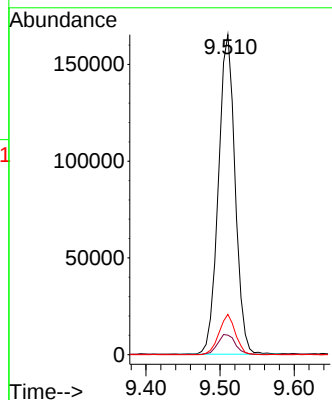
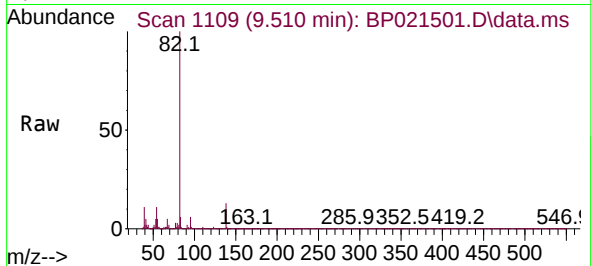
#25
Isophorone
Concen: 4.316 ng
RT: 9.510 min Scan# 1111
Delta R.T. -0.012 min
Lab File: BP021501.D
Acq: 14 Aug 2024 15:46

Instrument : BNA_P
ClientSampleId : LOQ-WATER-02-QT3-2024

Tgt Ion: 82 Resp: 25840
Ion Ratio Lower Upper
82 100
95 6.1 5.4 8.2
138 12.6 10.6 16.0

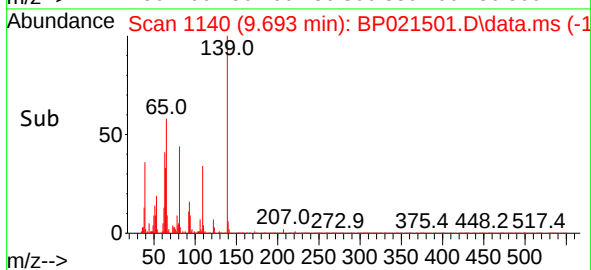
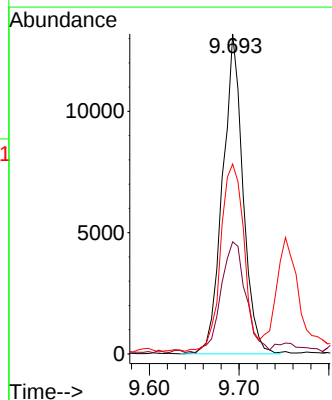
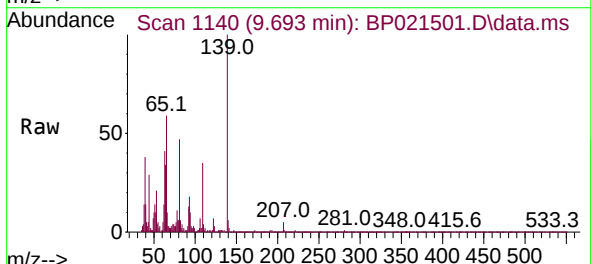
Manual Integrations
APPROVED

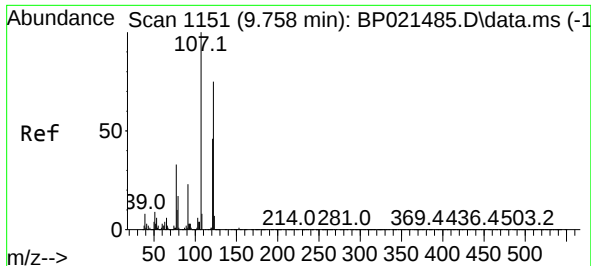
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#26
2-Nitrophenol
Concen: 5.230 ng
RT: 9.693 min Scan# 1140
Delta R.T. -0.006 min
Lab File: BP021501.D
Acq: 14 Aug 2024 15:46

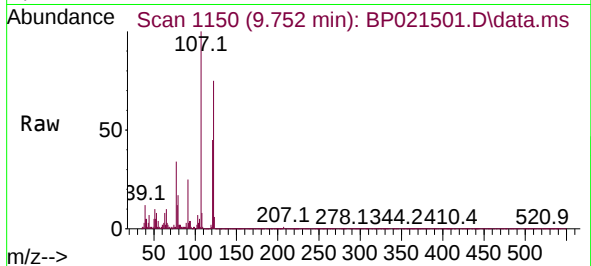
Tgt Ion:139 Resp: 20775
Ion Ratio Lower Upper
139 100
109 35.0 28.9 43.3
65 59.3 49.0 73.6





#27
2,4-Dimethylphenol
Concen: 4.362 ng m
RT: 9.752 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BP021501.D
Acq: 14 Aug 2024 15:46

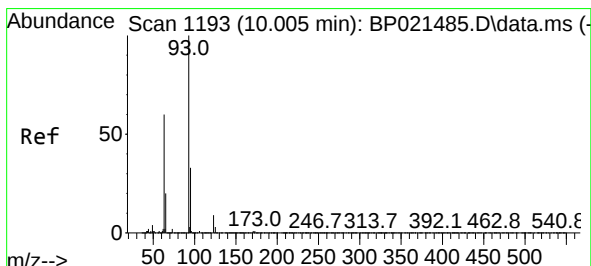
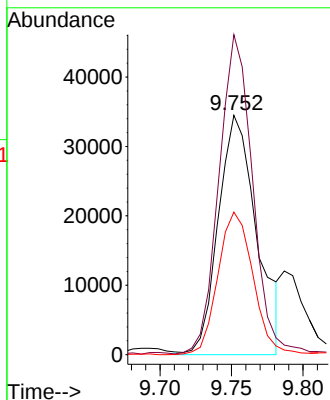
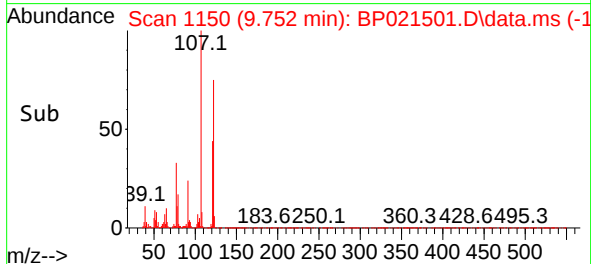
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion:122 Resp: 6445
Ion Ratio Lower Upper
122 100
107 133.7 106.2 159.4
121 59.6 48.8 73.2

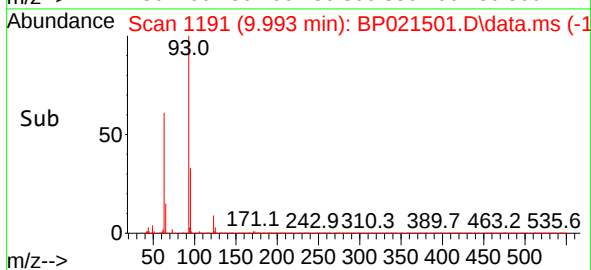
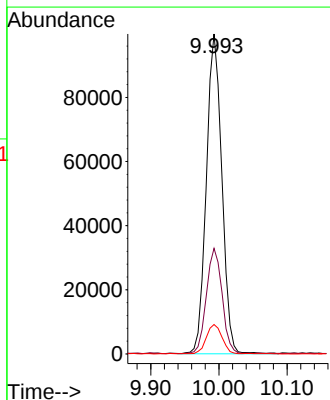
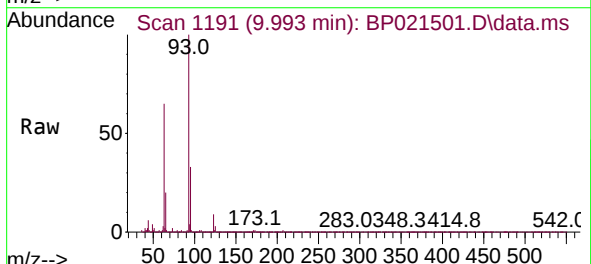
Manual Integrations
APPROVED

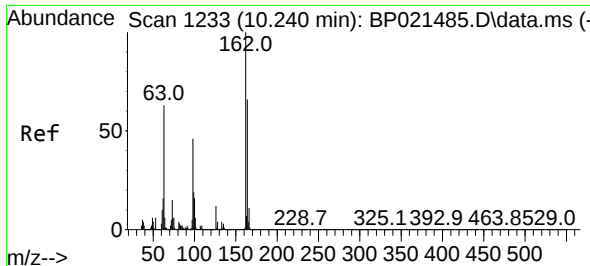
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#28
bis(2-Chloroethoxy)methane
Concen: 4.315 ng
RT: 9.993 min Scan# 1191
Delta R.T. -0.012 min
Lab File: BP021501.D
Acq: 14 Aug 2024 15:46

Tgt Ion: 93 Resp: 157709
Ion Ratio Lower Upper
93 100
95 33.0 26.2 39.4
123 9.2 7.6 11.4





#29

2,4-Dichlorophenol

Concen: 3.926 ng

RT: 10.222 min Scan# 1230

Delta R.T. -0.018 min

Lab File: BP021501.D

Acq: 14 Aug 2024 15:46

Instrument :

BNA_P

ClientSampleId :

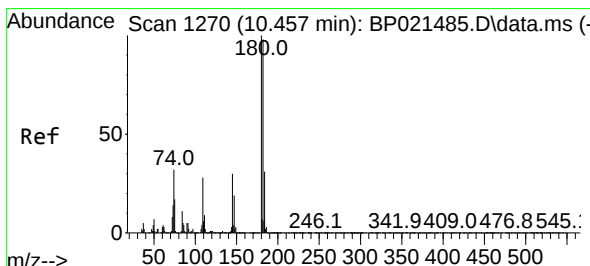
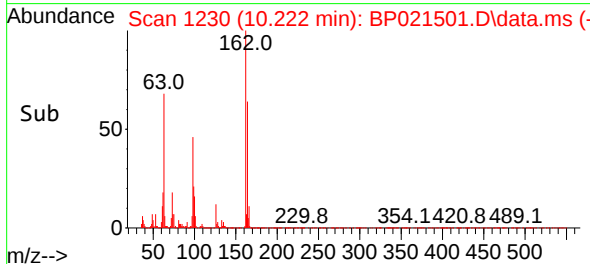
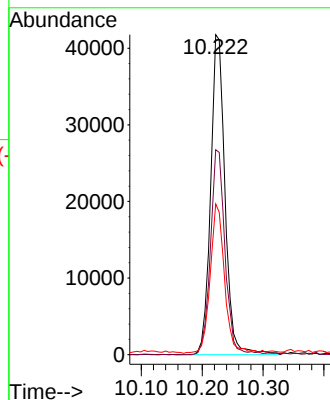
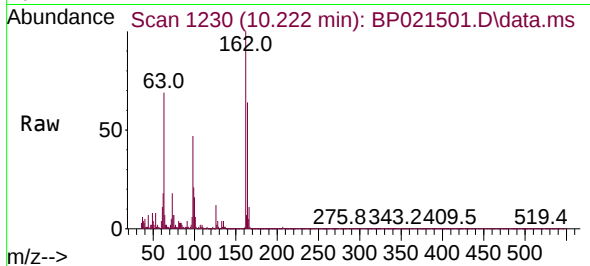
LOQ-WATER-02-QT3-2024

Tgt Ion:	162	Resp:	6854
Ion Ratio	Lower	Upper	
162	100		
164	64.1	45.9	85.9
98	47.1	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: 4.240 ng

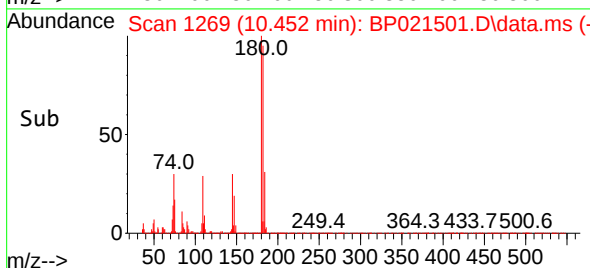
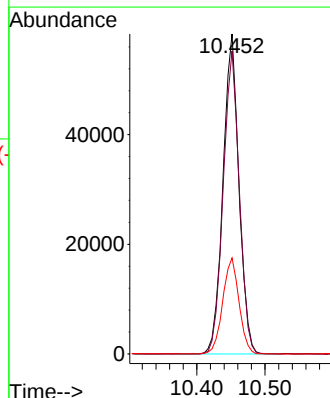
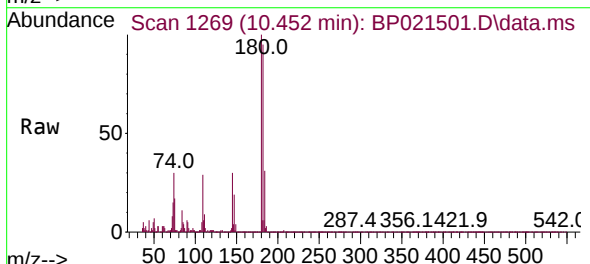
RT: 10.452 min Scan# 1269

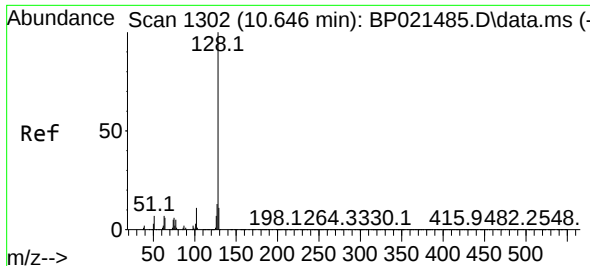
Delta R.T. -0.006 min

Lab File: BP021501.D

Acq: 14 Aug 2024 15:46

Tgt Ion:	180	Resp:	94914
Ion Ratio	Lower	Upper	
180	100		
182	94.7	78.3	117.5
145	30.0	24.0	36.0





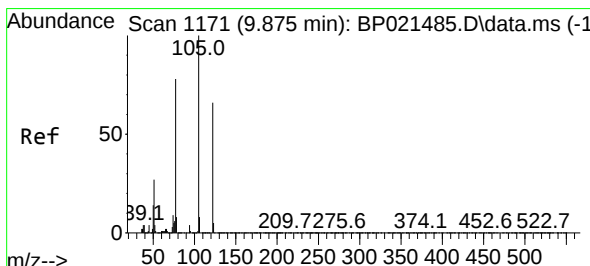
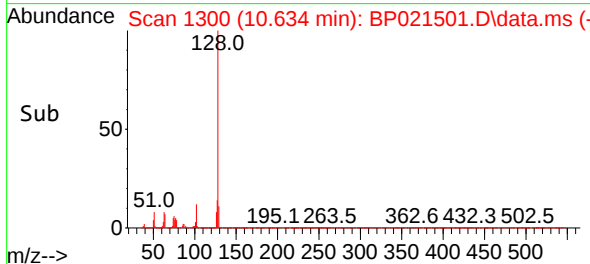
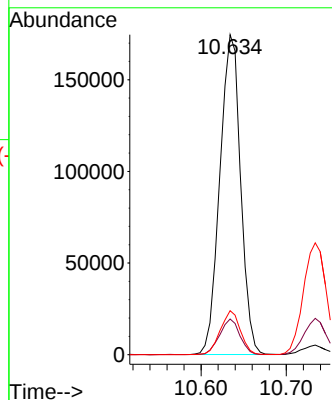
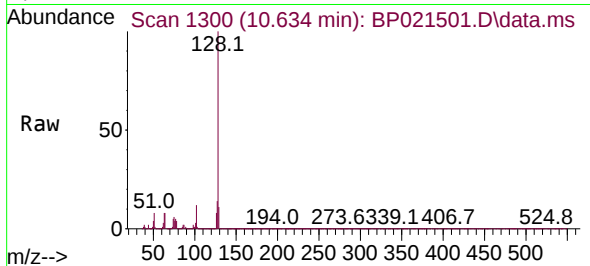
#31
Naphthalene
Concen: 4.320 ng
RT: 10.634 min Scan# 1156
Delta R.T. -0.012 min
Lab File: BP021501.D
Acq: 14 Aug 2024 15:46

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT3-2024

Tgt Ion:128 Resp: 295190
Ion Ratio Lower Upper
128 100
129 11.2 8.6 12.8
127 13.8 10.6 15.8

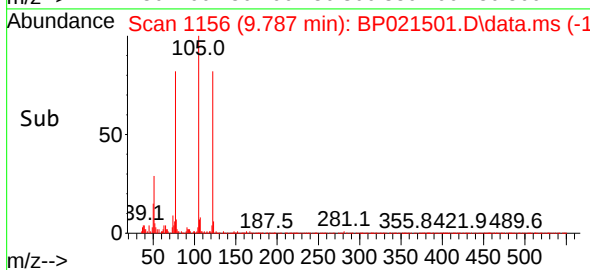
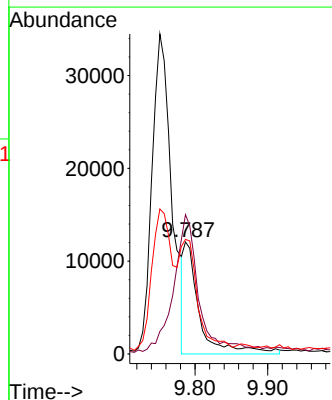
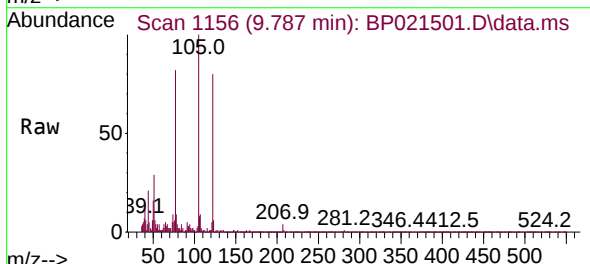
Manual Integrations
APPROVED

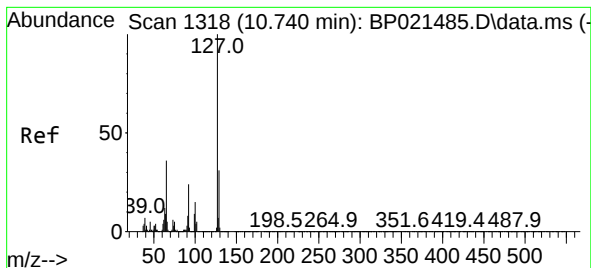
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#32
Benzoic acid
Concen: 2.030 ng m
RT: 9.787 min Scan# 1156
Delta R.T. -0.088 min
Lab File: BP021501.D
Acq: 14 Aug 2024 15:46

Tgt Ion:122 Resp: 18170
Ion Ratio Lower Upper
122 100
105 124.5 124.6 164.6#
77 102.2 96.2 136.2





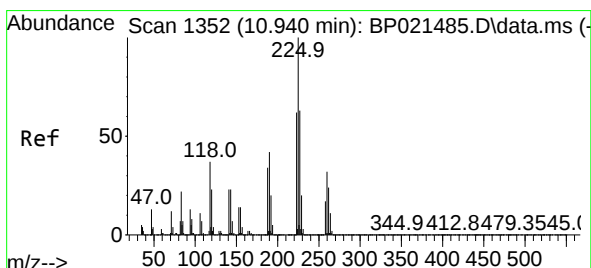
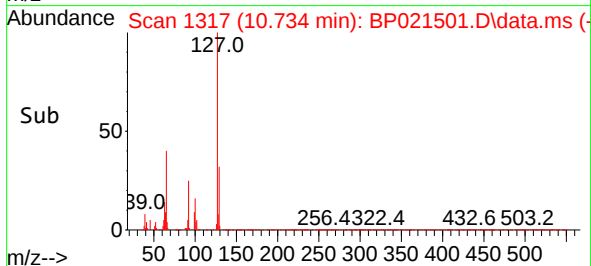
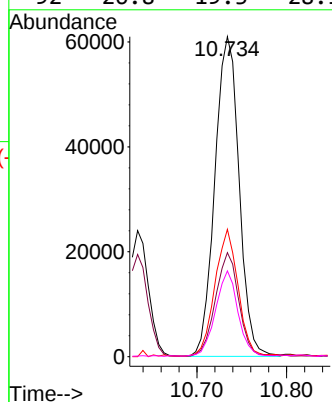
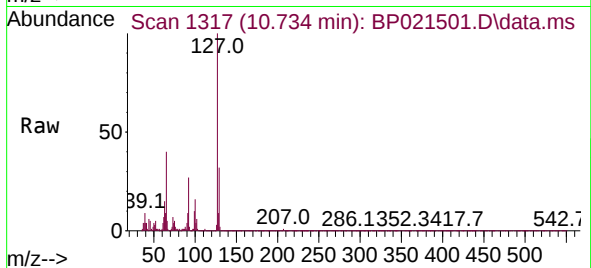
#33
4-Chloroaniline
Concen: 4.454 ng
RT: 10.734 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP021501.D
Acq: 14 Aug 2024 15:46

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT3-2024

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.5	24.5	36.7
65	39.8	28.9	43.3
92	26.8	19.3	28.9

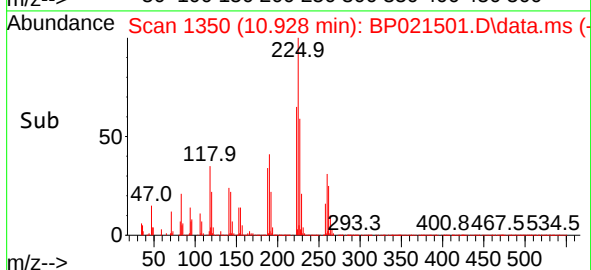
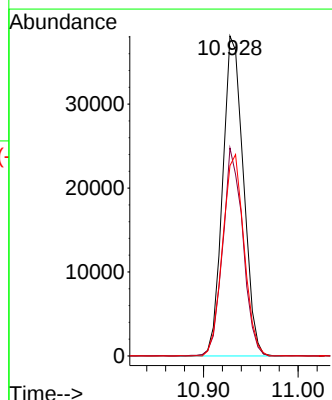
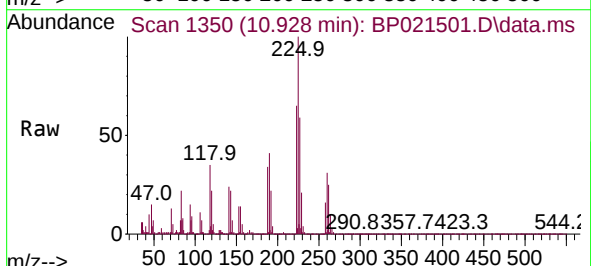
Manual Integrations
APPROVED

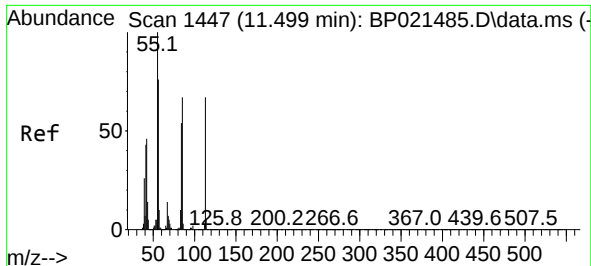
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#34
Hexachlorobutadiene
Concen: 4.111 ng
RT: 10.928 min Scan# 1350
Delta R.T. -0.012 min
Lab File: BP021501.D
Acq: 14 Aug 2024 15:46

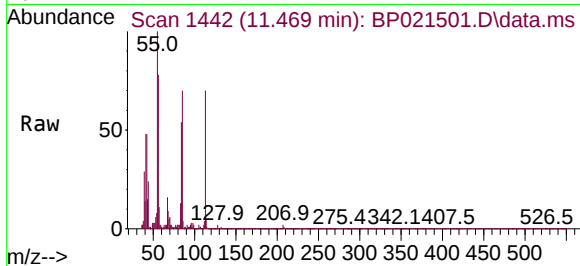
Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.0	49.6	74.4
227	59.4	50.1	75.1





#35
Caprolactam
Concen: 3.840 ng
RT: 11.469 min Scan# 1447
Delta R.T. -0.030 min
Lab File: BP021501.D
Acq: 14 Aug 2024 15:46

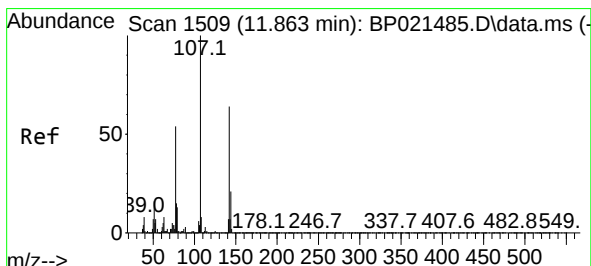
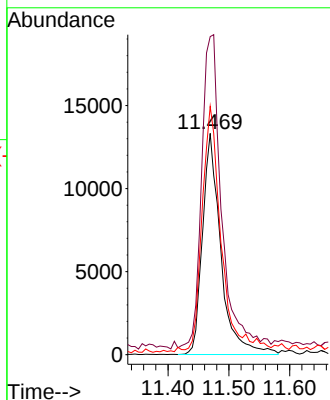
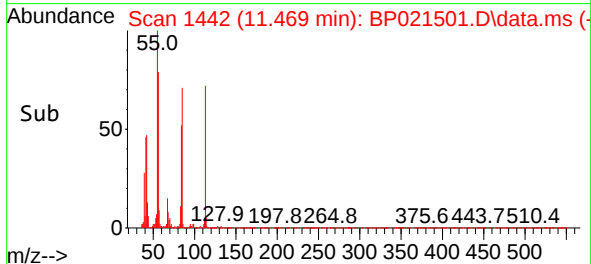
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion:113 Resp: 2790
Ion Ratio Lower Upper
113 100
55 143.8 130.6 170.6
56 112.3 94.6 134.6

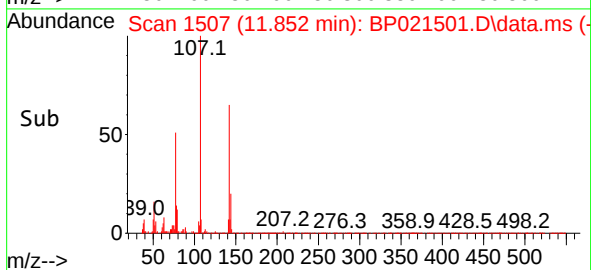
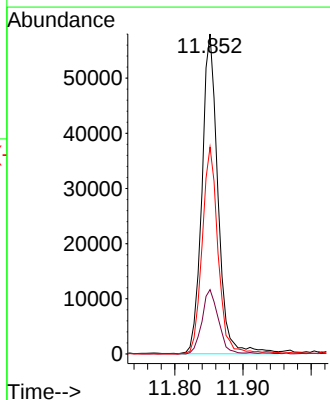
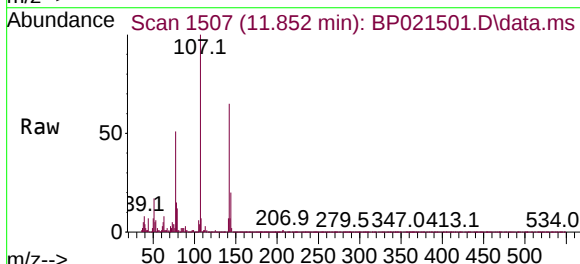
Manual Integrations
APPROVED

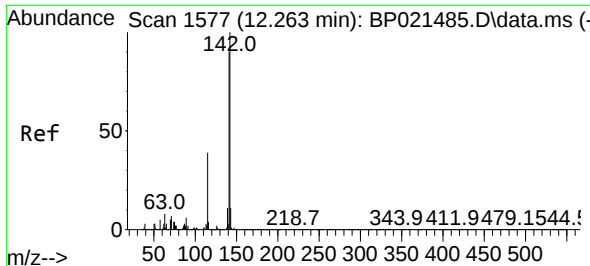
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#36
4-Chloro-3-methylphenol
Concen: 3.926 ng
RT: 11.852 min Scan# 1507
Delta R.T. -0.012 min
Lab File: BP021501.D
Acq: 14 Aug 2024 15:46

Tgt Ion:107 Resp: 95073
Ion Ratio Lower Upper
107 100
144 20.1 16.6 24.8
142 64.7 51.0 76.4





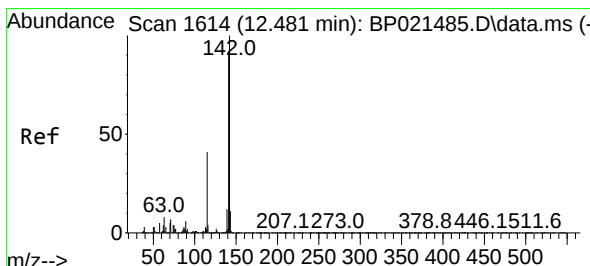
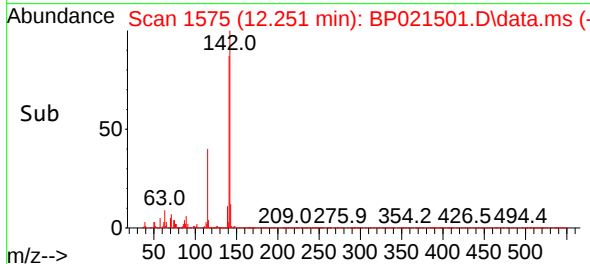
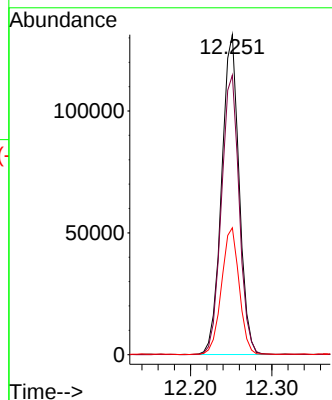
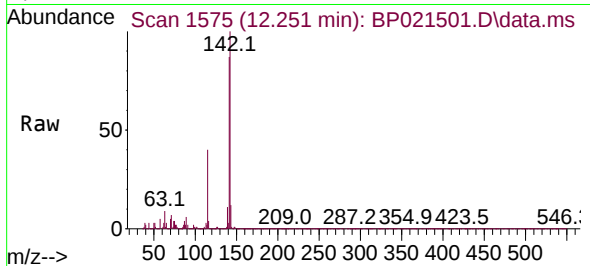
#37
2-Methylnaphthalene
Concen: 4.219 ng
RT: 12.251 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BP021501.D
Acq: 14 Aug 2024 15:46

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT3-2024

Tgt Ion:142 Resp: 19676
Ion Ratio Lower Upper
142 100
141 87.4 71.7 107.5
115 39.6 31.4 47.2

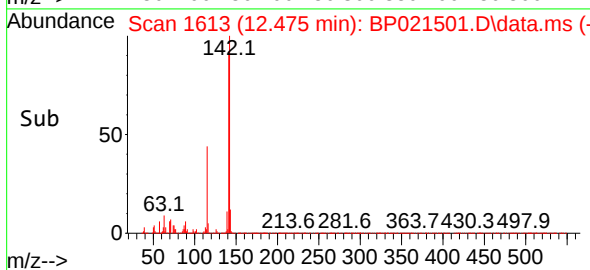
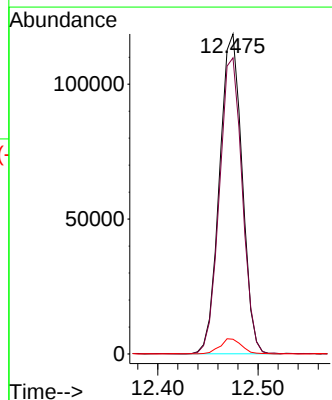
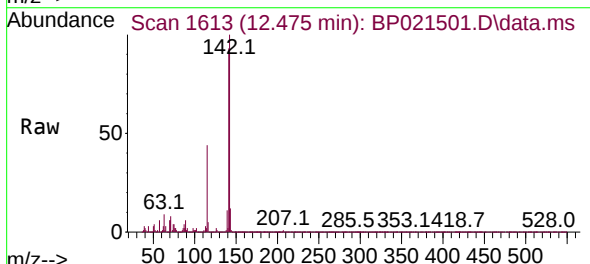
Manual Integrations
APPROVED

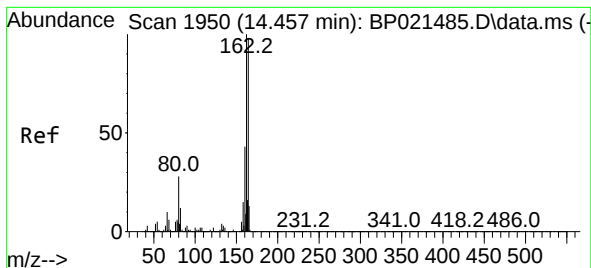
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#38
1-Methylnaphthalene
Concen: 4.027 ng
RT: 12.475 min Scan# 1613
Delta R.T. -0.006 min
Lab File: BP021501.D
Acq: 14 Aug 2024 15:46

Tgt Ion:142 Resp: 185261
Ion Ratio Lower Upper
142 100
141 92.5 73.5 110.3
116 4.6 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.451 min Scan# 1950

Delta R.T. -0.006 min

Lab File: BP021501.D

Acq: 14 Aug 2024 15:46

Instrument :

BNA_P

ClientSampleId :

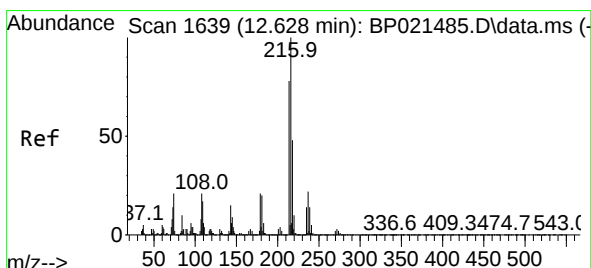
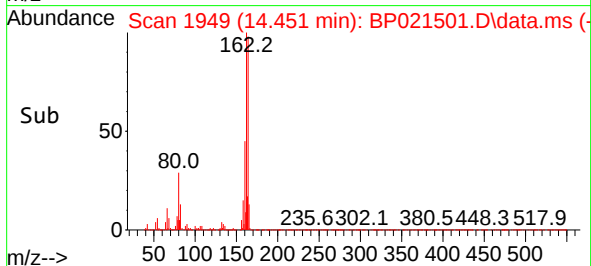
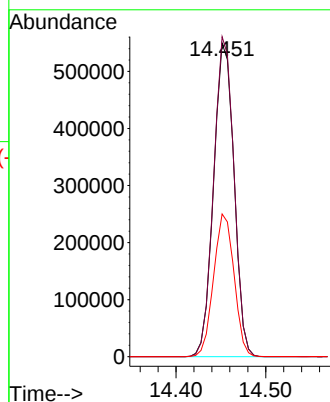
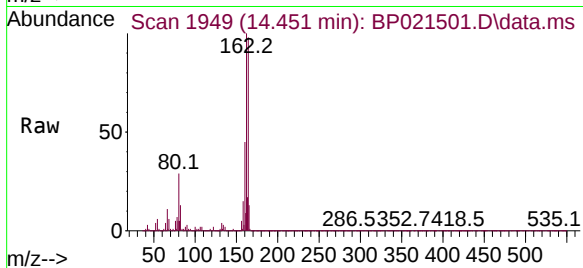
LOQ-WATER-02-QT3-2024

Tgt Ion:	164	Resp:	86960
Ion Ratio	Lower	Upper	
164	100		
162	102.1	81.5	122.3
160	45.5	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: 4.437 ng

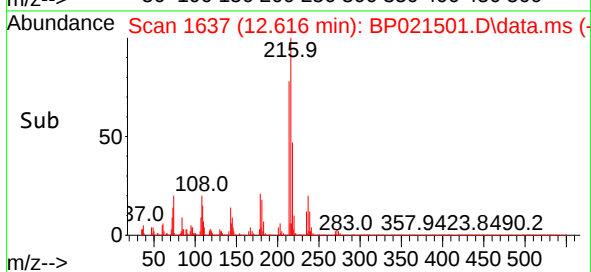
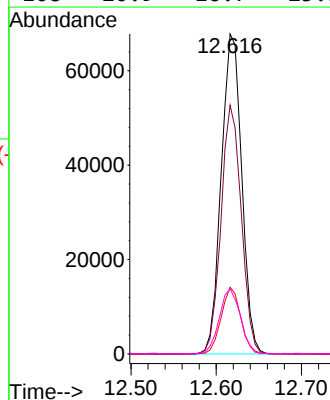
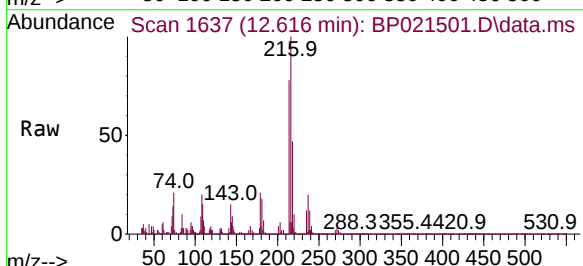
RT: 12.616 min Scan# 1637

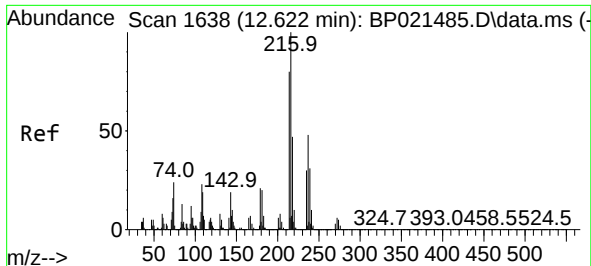
Delta R.T. -0.012 min

Lab File: BP021501.D

Acq: 14 Aug 2024 15:46

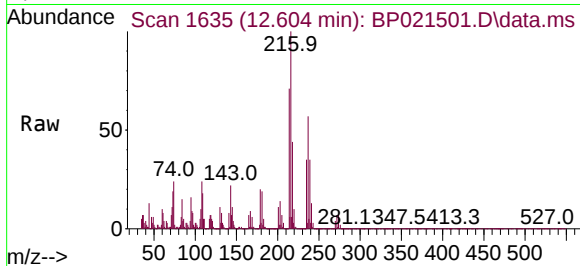
Tgt Ion:	216	Resp:	113056
Ion Ratio	Lower	Upper	
216	100		
214	76.7	62.5	93.7
179	20.0	16.4	24.6
108	20.9	16.7	25.1





#41
Hexachlorocyclopentadiene
Concen: 3.755 ng
RT: 12.604 min Scan# 1635
Delta R.T. -0.018 min
Lab File: BP021501.D
Acq: 14 Aug 2024 15:46

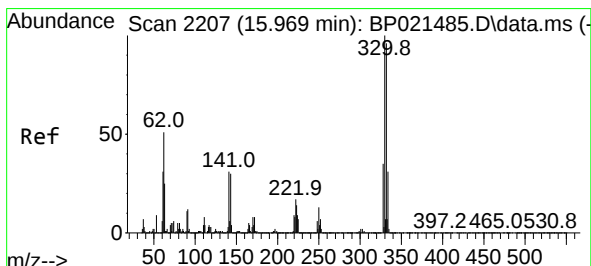
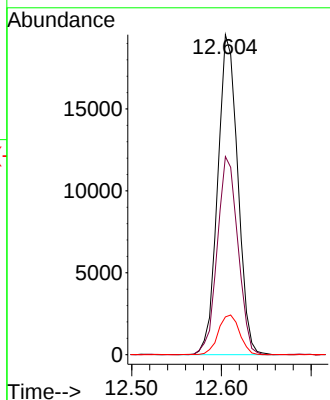
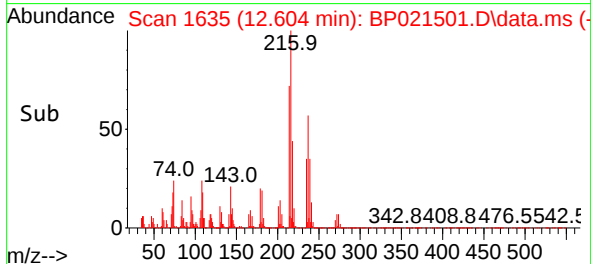
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion: 237 Resp: 3032
Ion Ratio Lower Upper
237 100
235 61.9 43.9 83.9
272 11.8 0.0 33.3

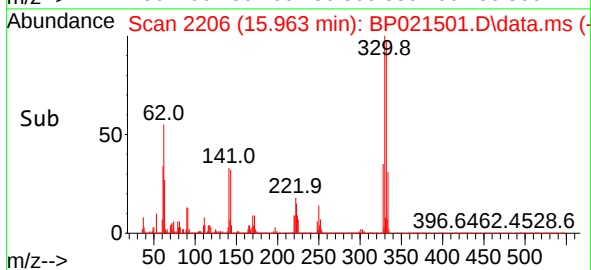
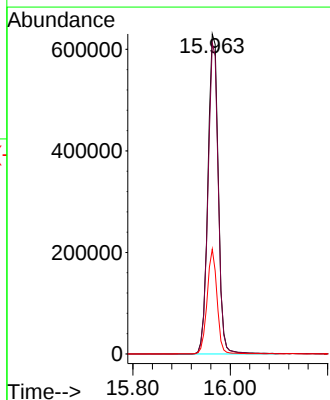
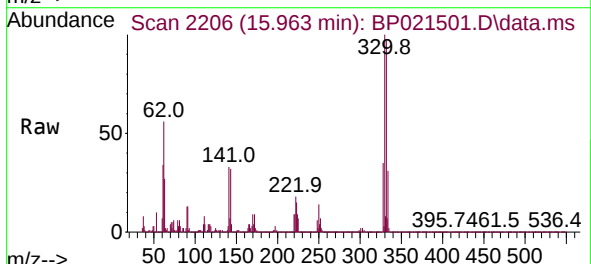
Manual Integrations
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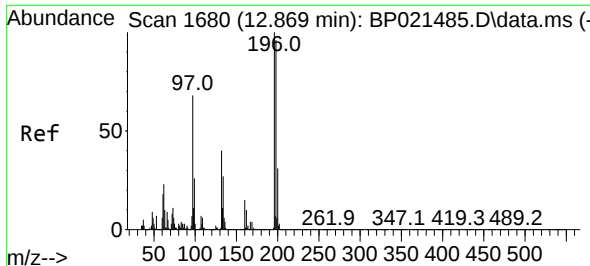
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#42
2,4,6-Tribromophenol
Concen: 95.672 ng
RT: 15.963 min Scan# 2206
Delta R.T. -0.006 min
Lab File: BP021501.D
Acq: 14 Aug 2024 15:46

Tgt Ion: 330 Resp: 925951
Ion Ratio Lower Upper
330 100
332 96.2 77.4 116.0
141 31.1 24.5 36.7





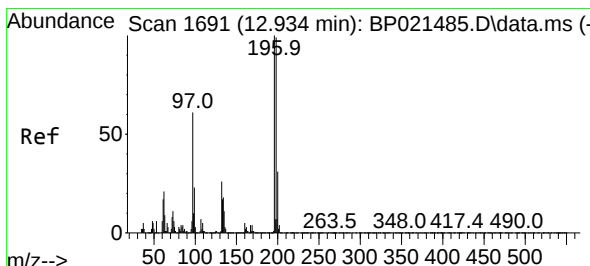
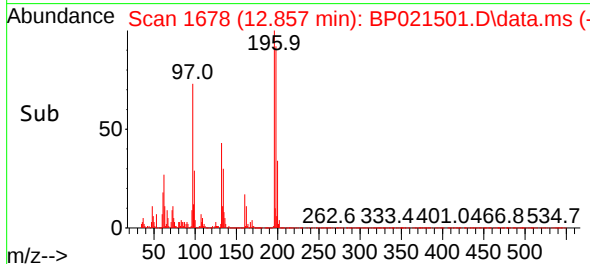
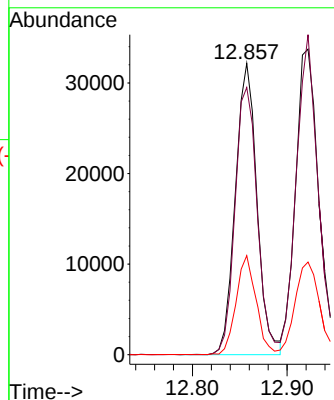
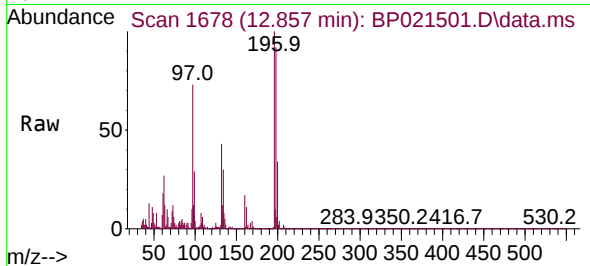
#43
2,4,6-Trichlorophenol
Concen: 3.598 ng
RT: 12.857 min Scan# 1680
Delta R.T. -0.012 min
Lab File: BP021501.D
Acq: 14 Aug 2024 15:46

Instrument : BNA_P
ClientSampleId : LOQ-WATER-02-QT3-2024

Tgt Ion:196 Resp: 50918
Ion Ratio Lower Upper
196 100
198 91.7 76.6 114.8
200 34.0 24.5 36.7

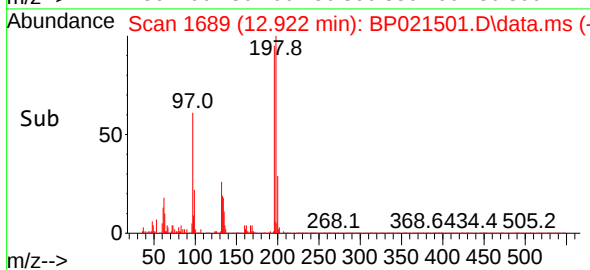
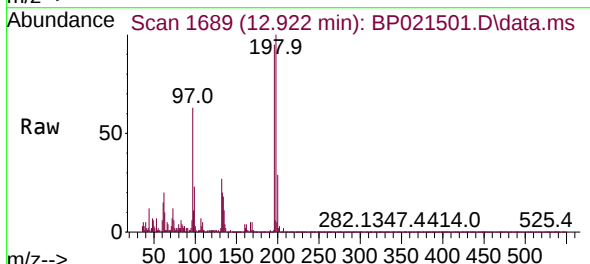
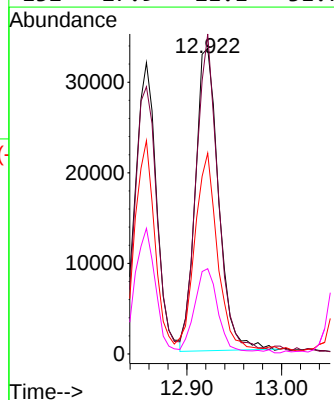
Manual Integrations
APPROVED

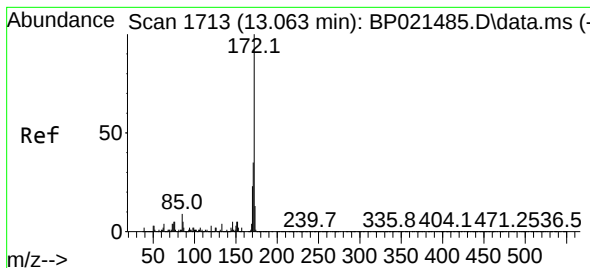
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#44
2,4,5-Trichlorophenol
Concen: 3.628 ng
RT: 12.922 min Scan# 1689
Delta R.T. -0.012 min
Lab File: BP021501.D
Acq: 14 Aug 2024 15:46

Tgt Ion:196 Resp: 57047
Ion Ratio Lower Upper
196 100
198 104.7 78.9 118.3
97 65.7 49.4 74.0
132 27.9 21.1 31.7





#45

2-Fluorobiphenyl

Concen: 76.143 ng

RT: 13.063 min Scan# 1713

Delta R.T. -0.000 min

Lab File: BP021501.D

Acq: 14 Aug 2024 15:46

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT3-2024

Tgt Ion:172 Resp: 433863

Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.4

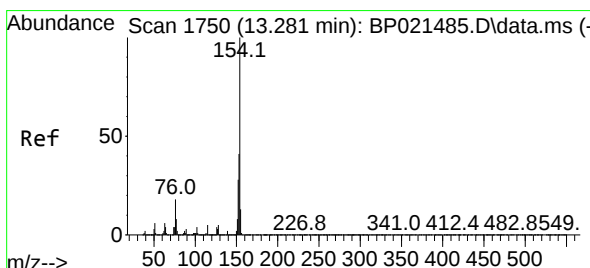
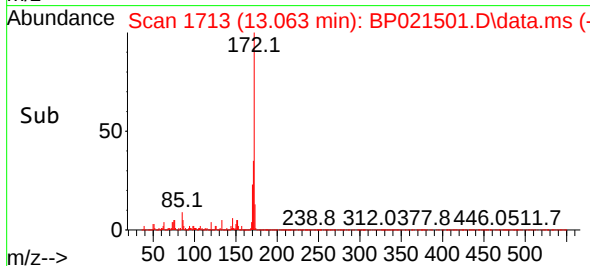
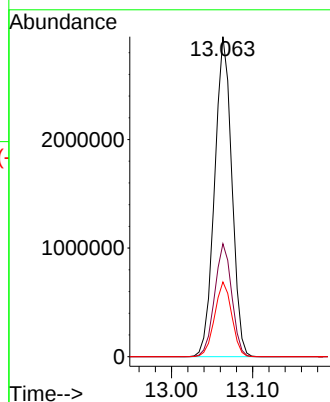
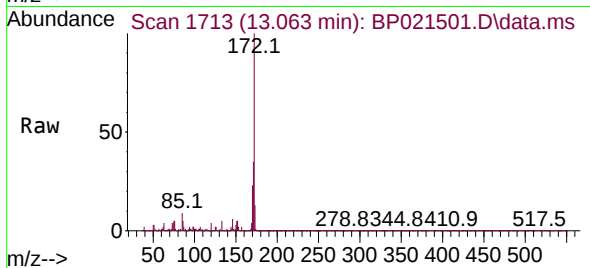
170 23.4 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/14/2024

Supervised By :mohammad ahmed 08/16/2024



#46

1,1'-Biphenyl

Concen: 4.443 ng

RT: 13.269 min Scan# 1748

Delta R.T. -0.012 min

Lab File: BP021501.D

Acq: 14 Aug 2024 15:46

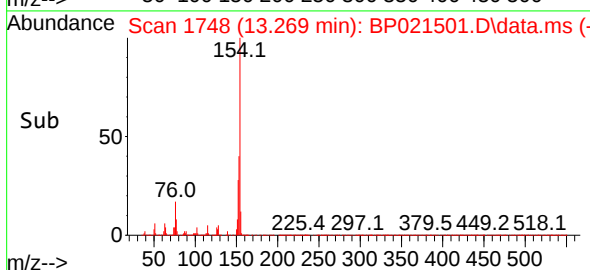
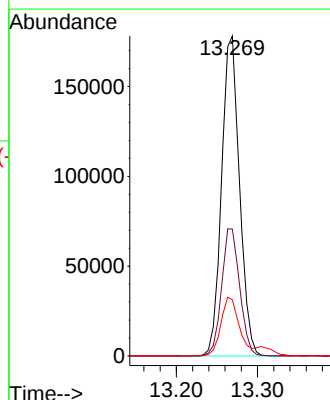
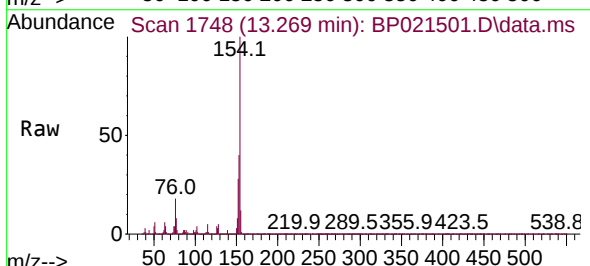
Tgt Ion:154 Resp: 273327

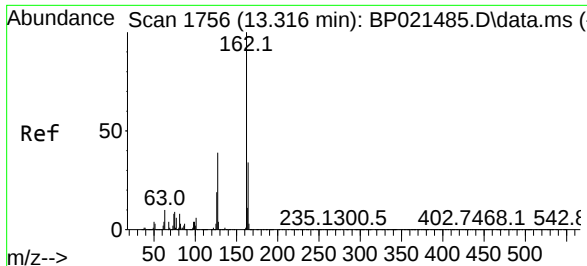
Ion Ratio Lower Upper

154 100

153 39.6 20.7 60.7

76 17.5 0.0 37.7





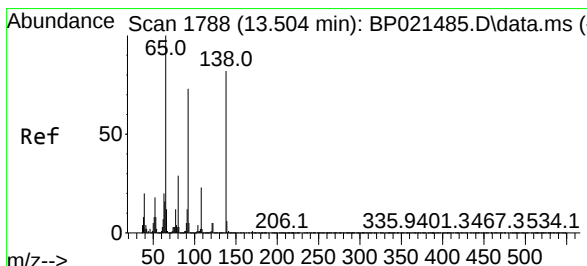
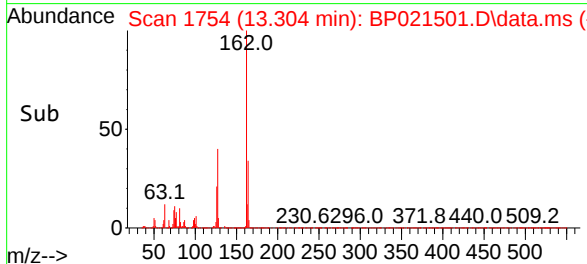
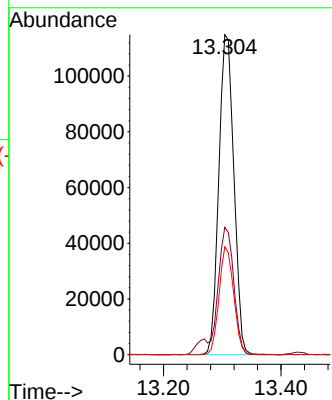
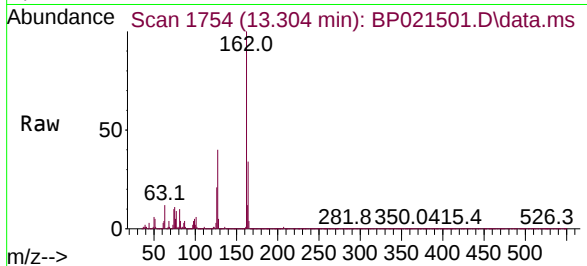
#47
2-Chloronaphthalene
Concen: 4.264 ng
RT: 13.304 min Scan# 1756
Delta R.T. -0.012 min
Lab File: BP021501.D
Acq: 14 Aug 2024 15:46

Instrument : BNA_P
ClientSampleId : LOQ-WATER-02-QT3-2024

Tgt Ion:162 Resp: 20422
Ion Ratio Lower Upper
162 100
127 39.8 31.9 47.9
164 33.7 26.8 40.2

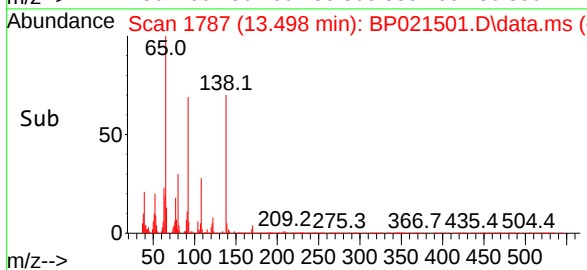
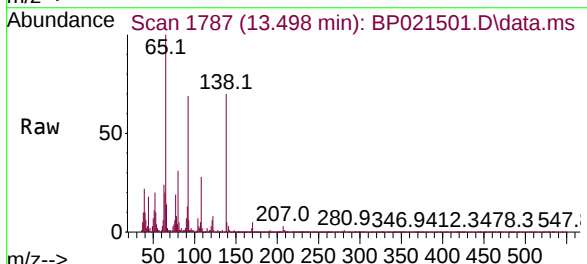
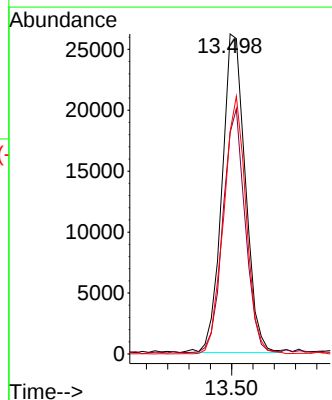
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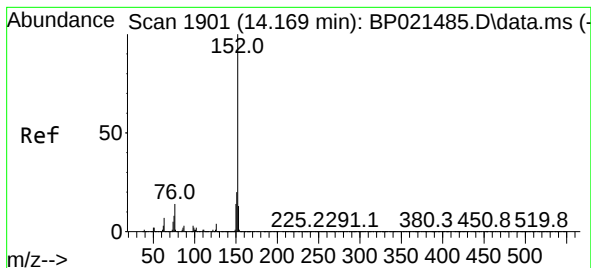
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#48
2-Nitroaniline
Concen: 3.566 ng
RT: 13.498 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BP021501.D
Acq: 14 Aug 2024 15:46

Tgt Ion: 65 Resp: 39708
Ion Ratio Lower Upper
65 100
92 69.1 58.1 87.1
138 69.5 65.5 98.3





#49

Acenaphthylene

Concen: 4.544 ng

RT: 14.169 min Scan# 1901

Delta R.T. 0.000 min

Lab File: BP021501.D

Acq: 14 Aug 2024 15:46

Instrument :

BNA_P

ClientSampleId :

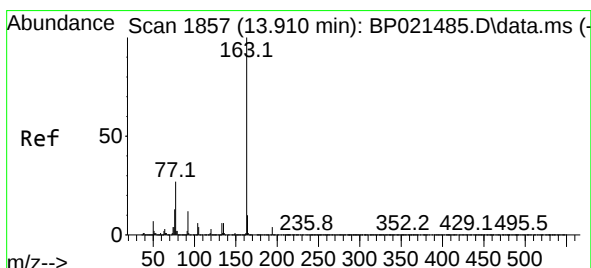
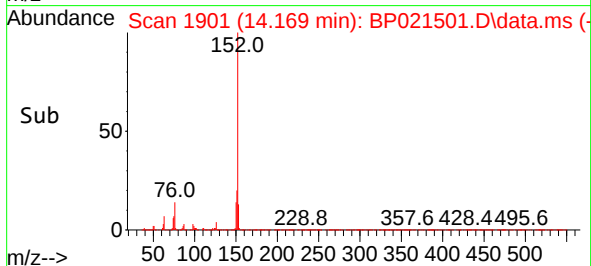
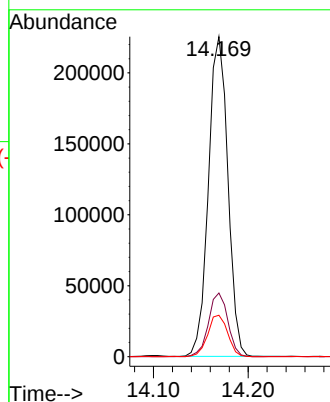
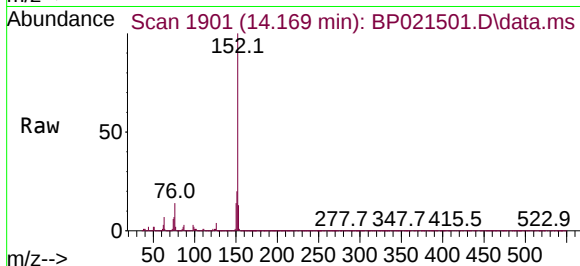
LOQ-WATER-02-QT3-2024

Tgt Ion:	152	Resp:	319950
Ion Ratio	Lower	Upper	
152	100		
151	19.9	15.9	23.9
153	12.9	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: 4.234 ng

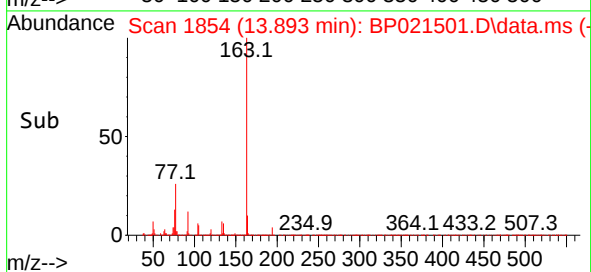
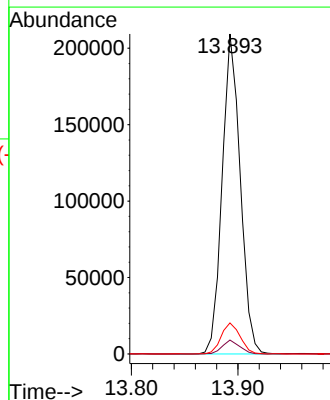
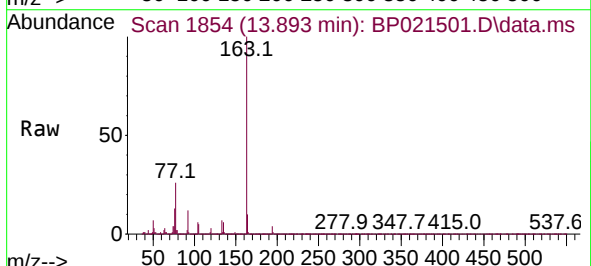
RT: 13.893 min Scan# 1854

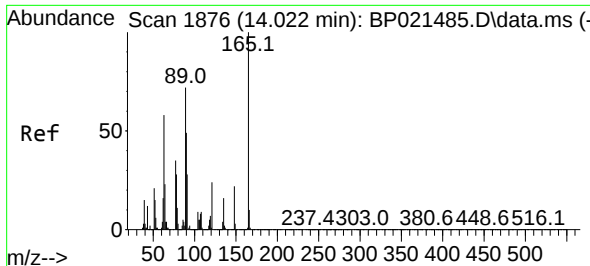
Delta R.T. -0.017 min

Lab File: BP021501.D

Acq: 14 Aug 2024 15:46

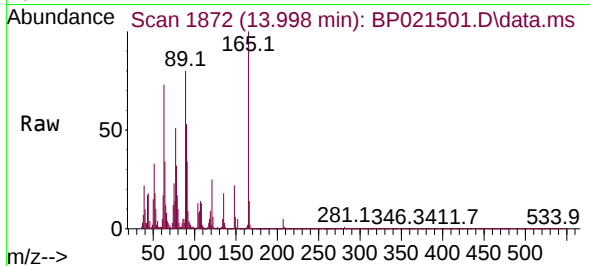
Tgt Ion:	163	Resp:	246572
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.3	4.9
164	9.7	8.3	12.5





#51
2,6-Dinitrotoluene
Concen: 5.791 ng
RT: 13.998 min Scan# 1876
Delta R.T. -0.024 min
Lab File: BP021501.D
Acq: 14 Aug 2024 15:46

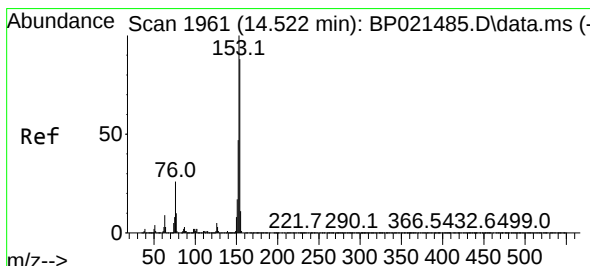
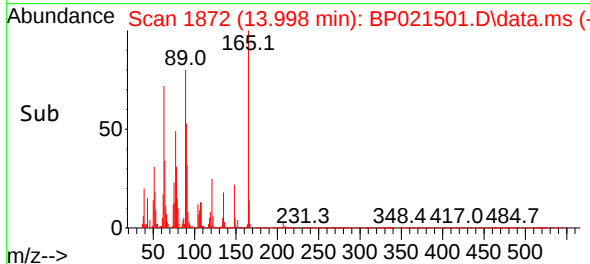
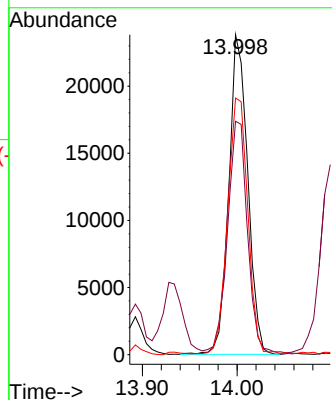
Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion:165 Resp: 3315
Ion Ratio Lower Upper
165 100
63 72.9 51.5 77.3
89 80.2 57.8 86.8

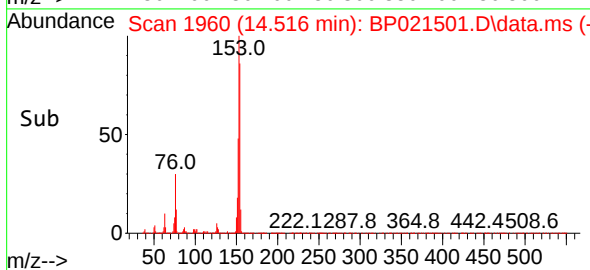
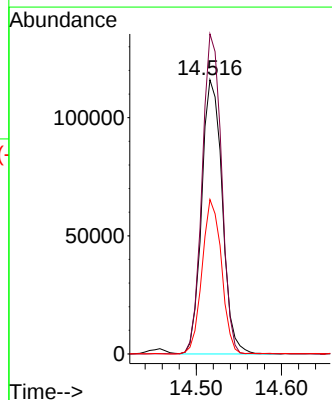
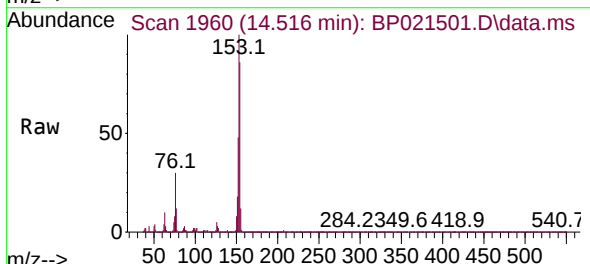
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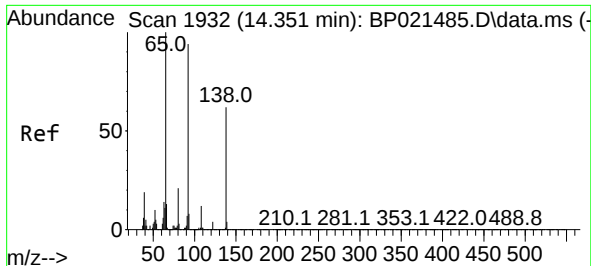
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#52
Acenaphthene
Concen: 4.208 ng
RT: 14.516 min Scan# 1960
Delta R.T. -0.006 min
Lab File: BP021501.D
Acq: 14 Aug 2024 15:46

Tgt Ion:154 Resp: 194398
Ion Ratio Lower Upper
154 100
153 116.8 91.1 136.7
152 56.3 43.0 64.4





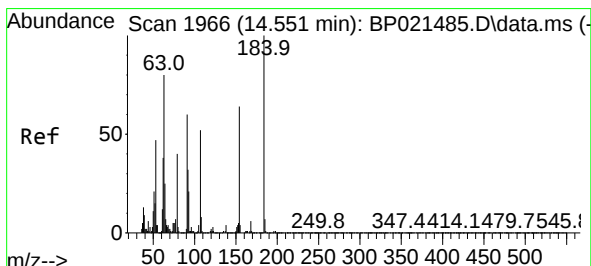
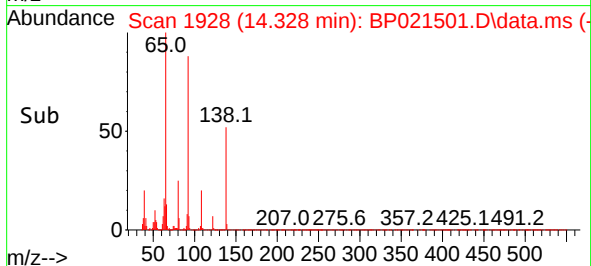
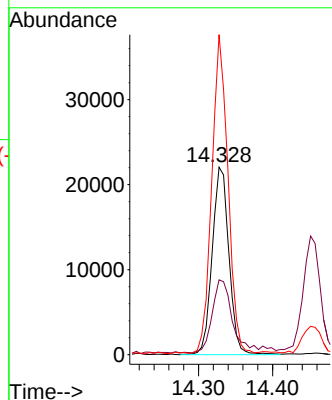
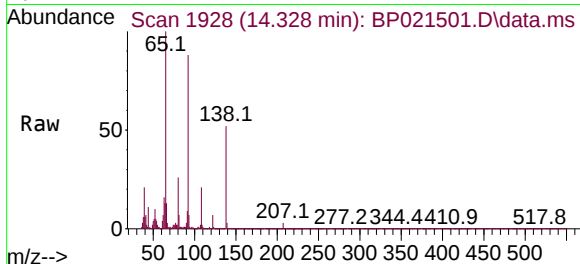
#53
3-Nitroaniline
Concen: 6.018 ng
RT: 14.328 min Scan# 1932
Delta R.T. -0.023 min
Lab File: BP021501.D
Acq: 14 Aug 2024 15:46

Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT3-2024

Tgt Ion:138 Resp: 34630
Ion Ratio Lower Upper
138 100
108 39.9 16.2 24.4
92 170.6 122.2 183.4

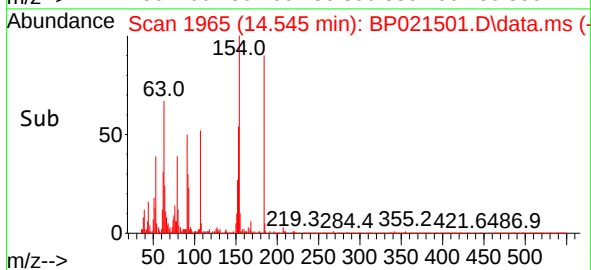
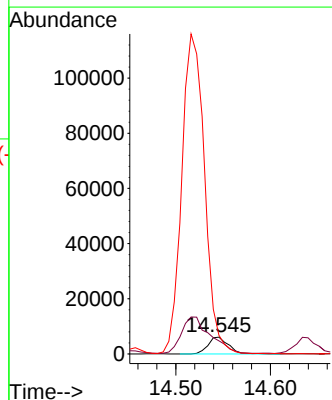
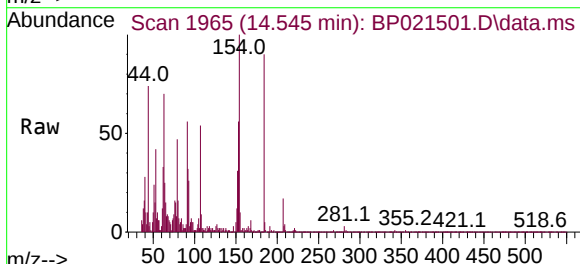
Manual Integrations
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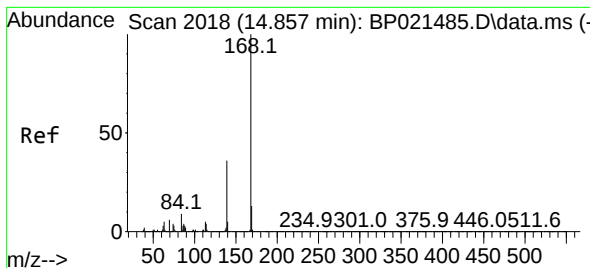
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#54
2,4-Dinitrophenol
Concen: 3.042 ng
RT: 14.545 min Scan# 1965
Delta R.T. -0.006 min
Lab File: BP021501.D
Acq: 14 Aug 2024 15:46

Tgt Ion:184 Resp: 9137
Ion Ratio Lower Upper
184 100
63 77.9 64.9 97.3
154 111.4 52.1 78.1#





#55

Dibenzenofuran

Concen: 4.468 ng

RT: 14.863 min Scan# 2018

Delta R.T. 0.006 min

Lab File: BP021501.D

Acq: 14 Aug 2024 15:46

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT3-2024

Tgt Ion:168 Resp: 31756

Ion Ratio Lower Upper

168 100

139 35.6 28.6 43.0

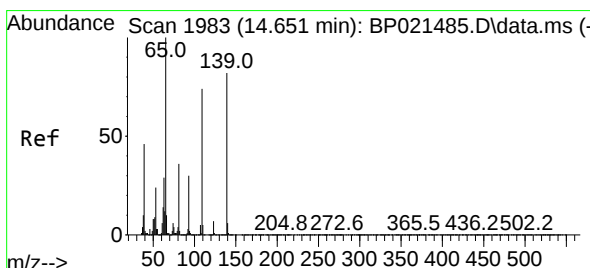
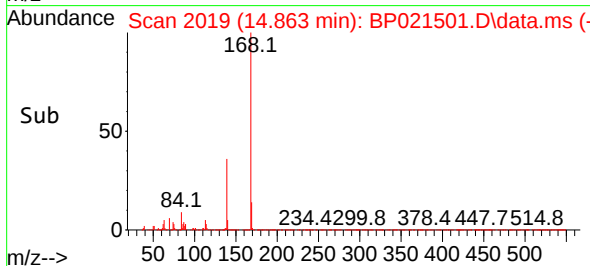
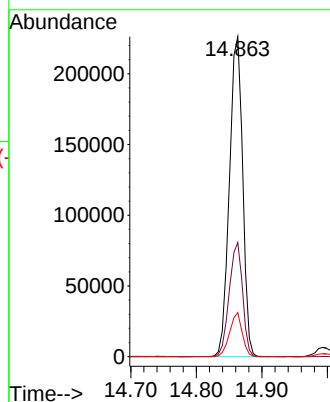
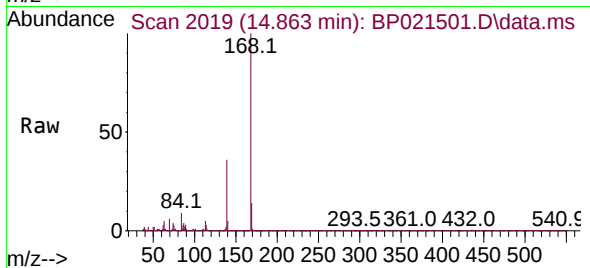
169 13.8 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/14/2024

Supervised By :mohammad ahmed 08/16/2024



#56

4-Nitrophenol

Concen: 2.848 ng

RT: 14.640 min Scan# 1981

Delta R.T. -0.011 min

Lab File: BP021501.D

Acq: 14 Aug 2024 15:46

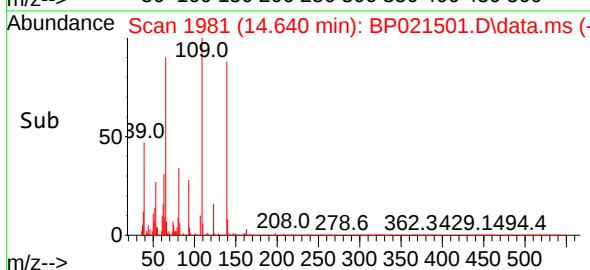
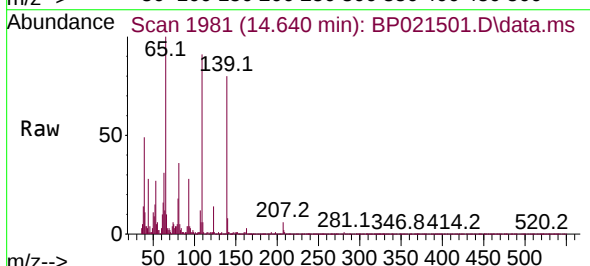
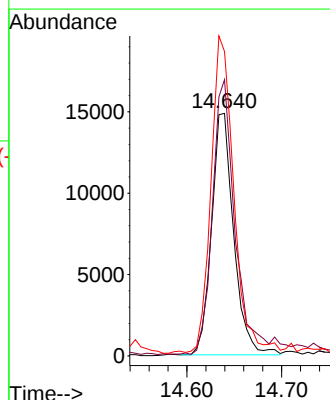
Tgt Ion:139 Resp: 24134

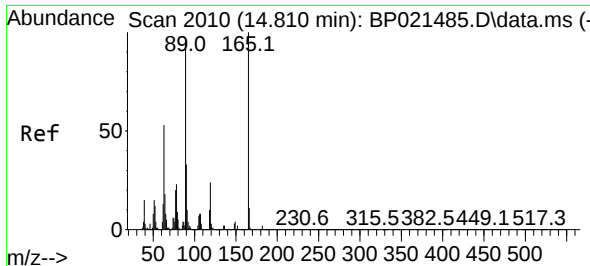
Ion Ratio Lower Upper

139 100

109 113.9 70.2 110.2#

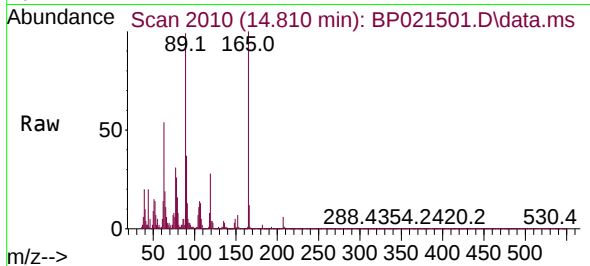
65 125.5 101.8 141.8





#57
2,4-Dinitrotoluene
Concen: 6.088 ng
RT: 14.810 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BP021501.D
Acq: 14 Aug 2024 15:46

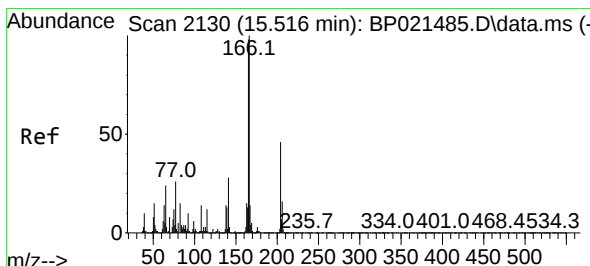
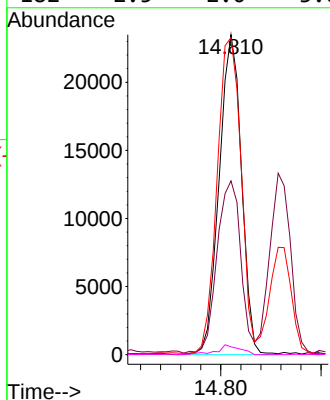
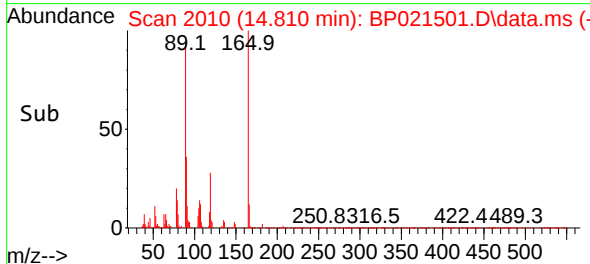
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion:165 Resp: 36299
Ion Ratio Lower Upper
165 100
63 54.3 42.5 63.7
89 99.1 77.1 115.7
182 2.5 2.0 3.0

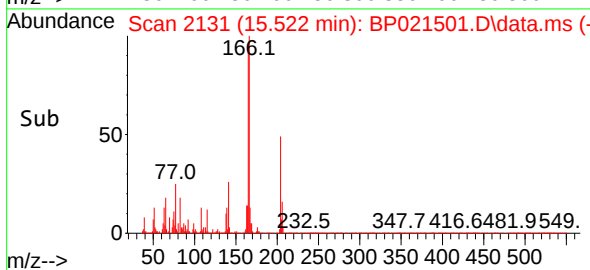
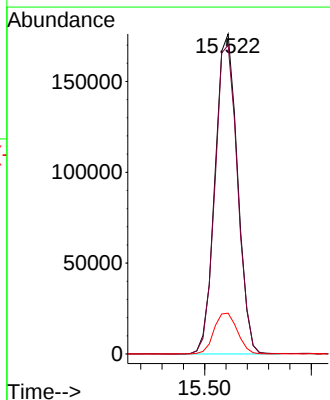
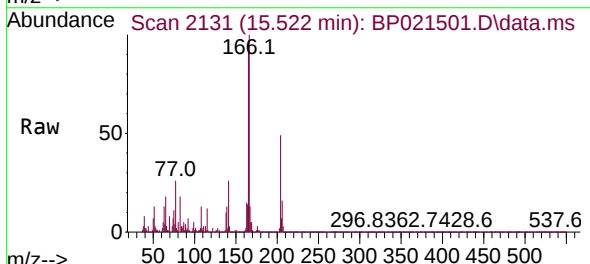
Manual Integrations
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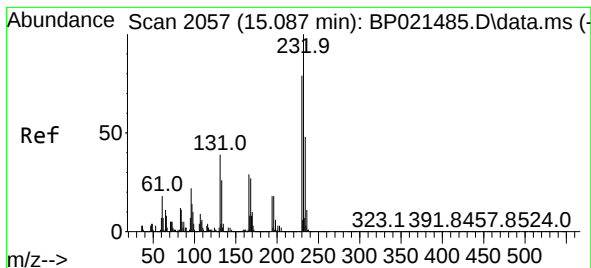
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#58
Fluorene
Concen: 4.394 ng
RT: 15.522 min Scan# 2131
Delta R.T. 0.006 min
Lab File: BP021501.D
Acq: 14 Aug 2024 15:46

Tgt Ion:166 Resp: 256567
Ion Ratio Lower Upper
166 100
165 96.5 78.1 117.1
167 12.8 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 3.532 ng

RT: 15.081 min Scan# 2057

Delta R.T. -0.006 min

Lab File: BP021501.D

Acq: 14 Aug 2024 15:46

Instrument :

BNA_P

ClientSampleId :

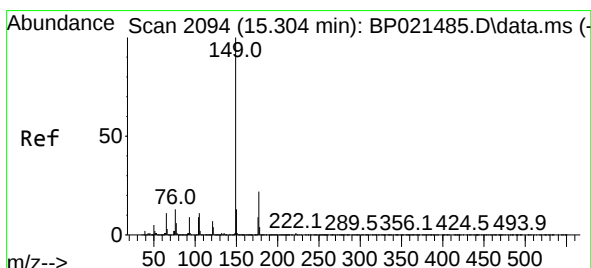
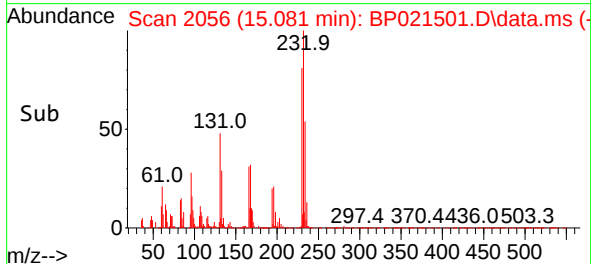
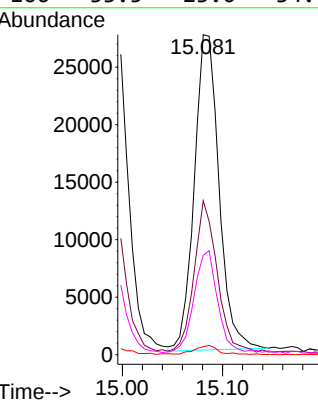
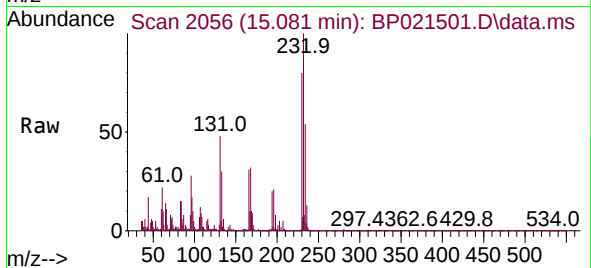
LOQ-WATER-02-QT3-2024

Tgt Ion:	232	Resp:	47139
Ion Ratio	Lower	Upper	
232	100		
131	45.1	33.1	49.7
130	2.9	1.7	2.5
166	33.5	23.0	34.4

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



#60

Diethylphthalate

Concen: 4.211 ng

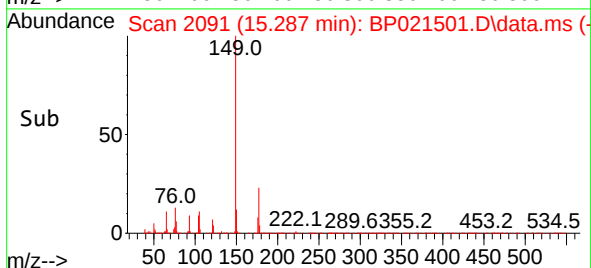
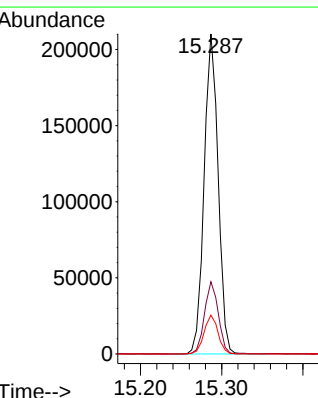
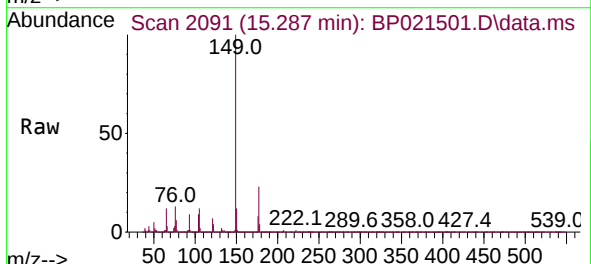
RT: 15.287 min Scan# 2091

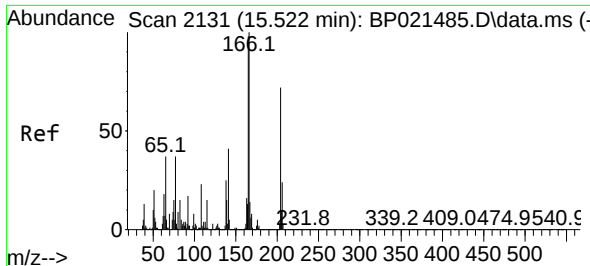
Delta R.T. -0.018 min

Lab File: BP021501.D

Acq: 14 Aug 2024 15:46

Tgt Ion:	149	Resp:	251616
Ion Ratio	Lower	Upper	
149	100		
177	22.5	17.8	26.8
150	12.1	10.1	15.1





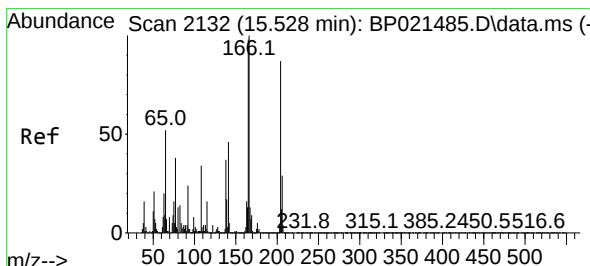
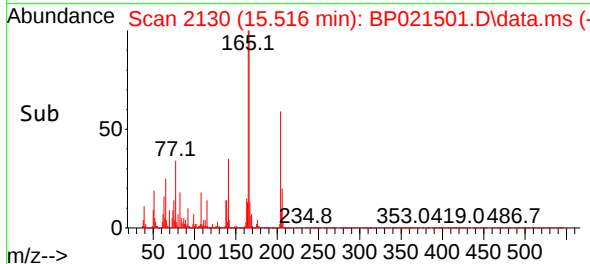
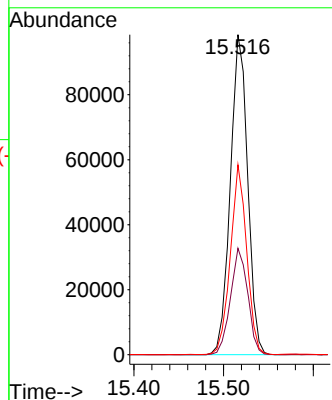
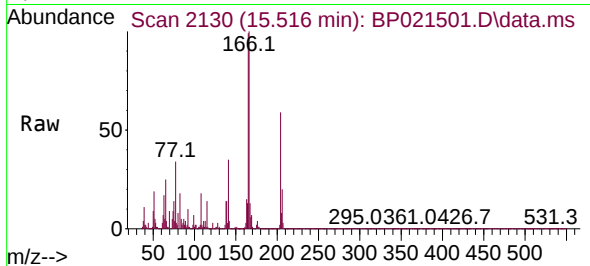
#61
4-Chlorophenyl-phenylether
Concen: 4.362 ng
RT: 15.516 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BP021501.D
Acq: 14 Aug 2024 15:46

Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT3-2024

Tgt Ion: 204 Resp: 13164
Ion Ratio Lower Upper
204 100
206 33.2 26.4 39.6
141 59.4 46.1 69.1

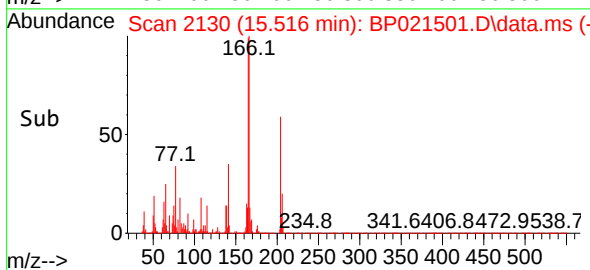
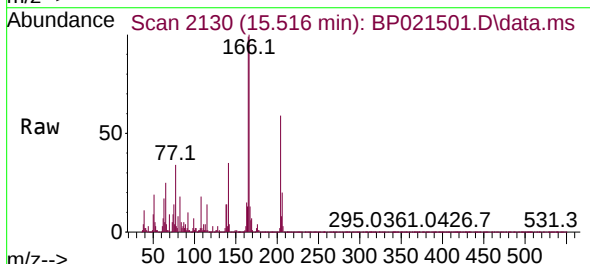
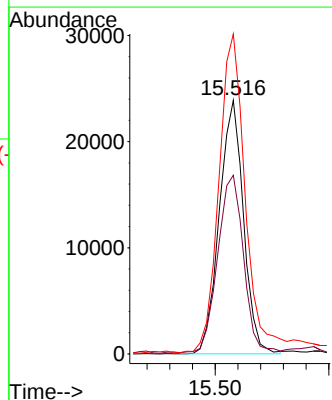
Manual Integrations
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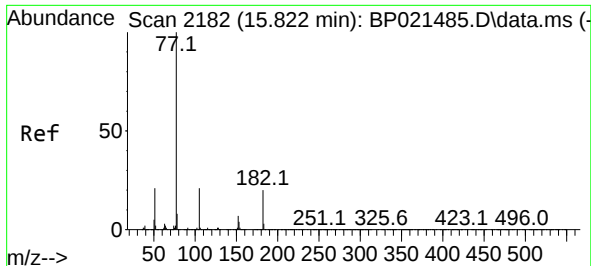
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#62
4-Nitroaniline
Concen: 5.721 ng
RT: 15.516 min Scan# 2130
Delta R.T. -0.012 min
Lab File: BP021501.D
Acq: 14 Aug 2024 15:46

Tgt Ion: 138 Resp: 35231
Ion Ratio Lower Upper
138 100
92 70.4 46.4 86.4
108 126.1 73.2 113.2#





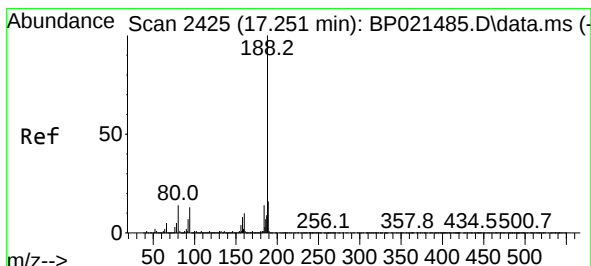
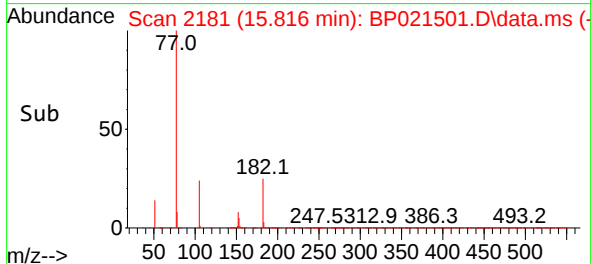
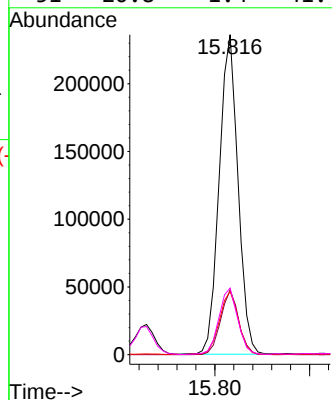
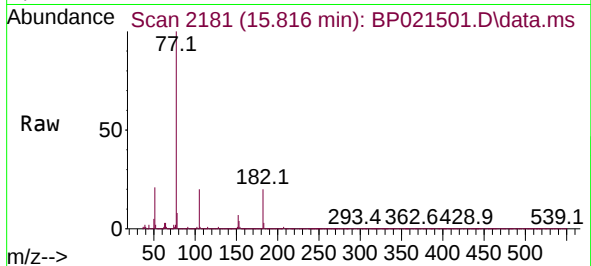
#63
Azobenzene
Concen: 4.428 ng
RT: 15.816 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BP021501.D
Acq: 14 Aug 2024 15:46

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT3-2024

Tgt Ion: 77 Resp: 325215
Ion Ratio Lower Upper
77 100
182 20.2 0.0 39.9
105 19.8 0.9 40.9
51 20.8 1.4 41.4

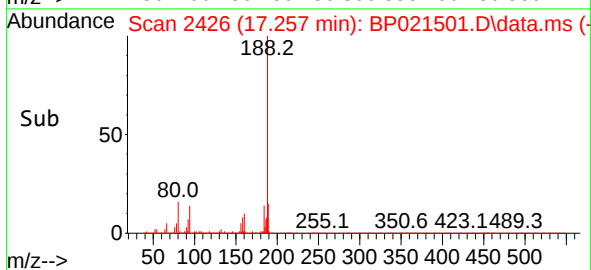
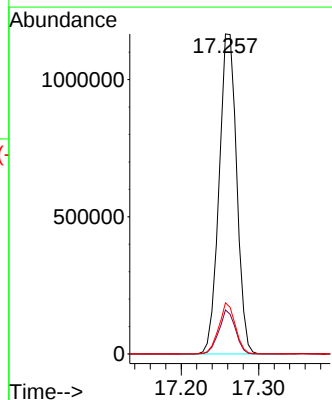
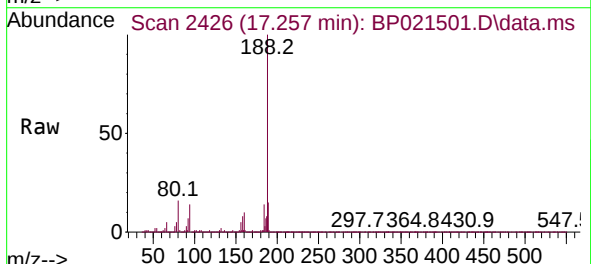
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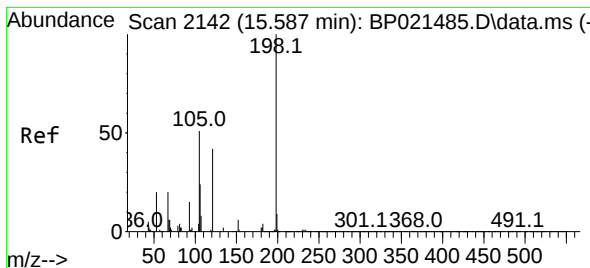
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.257 min Scan# 2426
Delta R.T. 0.006 min
Lab File: BP021501.D
Acq: 14 Aug 2024 15:46

Tgt Ion:188 Resp: 1839215
Ion Ratio Lower Upper
188 100
94 13.8 10.2 15.4
80 16.0 11.6 17.4





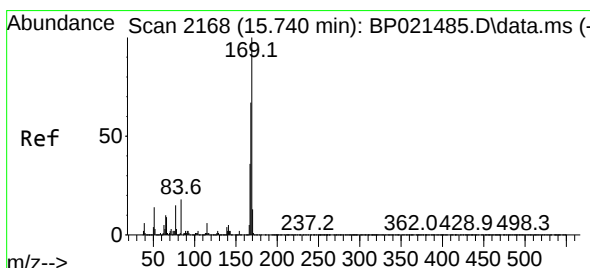
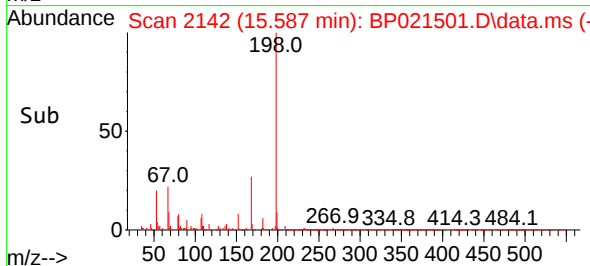
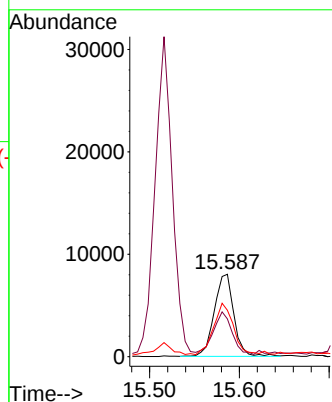
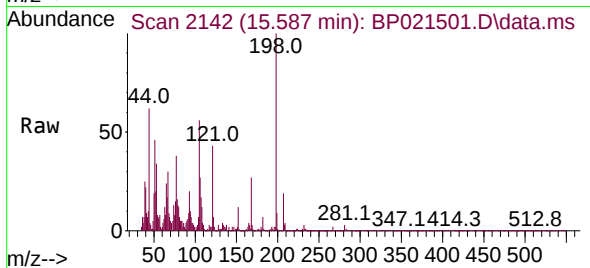
#65
4,6-Dinitro-2-methylphenol
Concen: 2.429 ng
RT: 15.587 min Scan# 2142
Delta R.T. -0.000 min
Lab File: BP021501.D
Acq: 14 Aug 2024 15:46

Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT3-2024

Tgt Ion:198 Resp: 12140
Ion Ratio Lower Upper
198 100
51 45.8 21.5 61.5
105 56.2 32.9 72.9

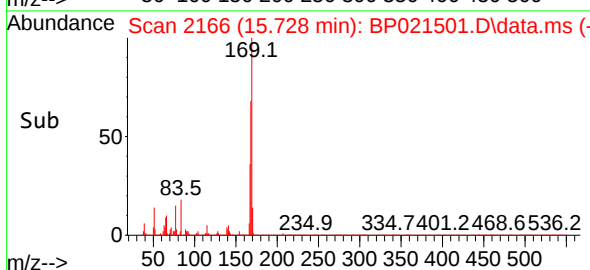
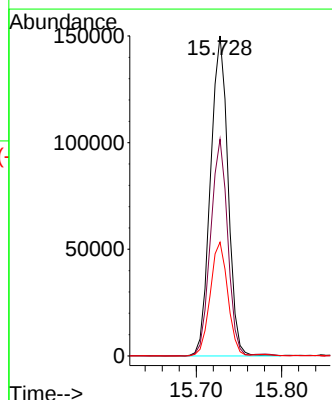
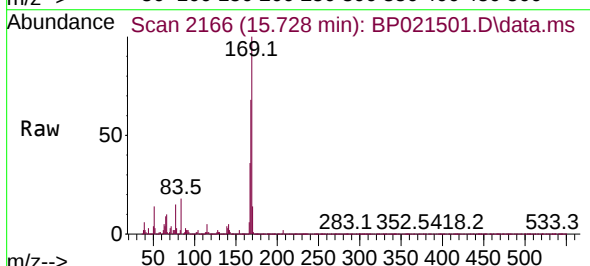
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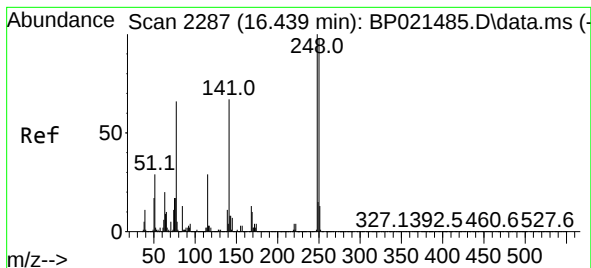
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#66
n-Nitrosodiphenylamine
Concen: 4.339 ng
RT: 15.728 min Scan# 2166
Delta R.T. -0.012 min
Lab File: BP021501.D
Acq: 14 Aug 2024 15:46

Tgt Ion:169 Resp: 213874
Ion Ratio Lower Upper
169 100
168 67.7 53.4 80.2
167 35.6 28.7 43.1





#67

4-Bromophenyl-phenylether

Concen: 3.877 ng

RT: 16.428 min Scan# 2285

Delta R.T. -0.012 min

Lab File: BP021501.D

Acq: 14 Aug 2024 15:46

Instrument :

BNA_P

ClientSampleId :

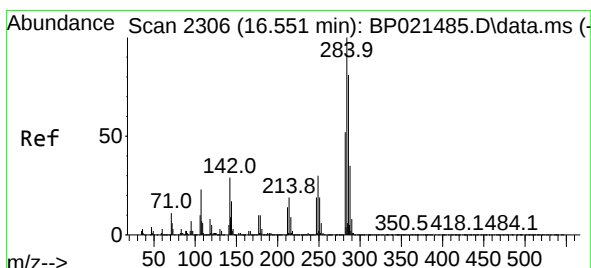
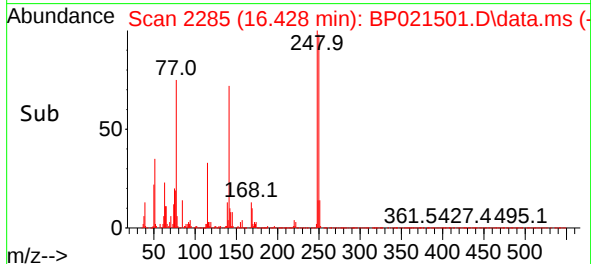
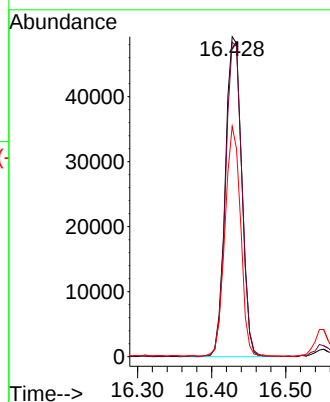
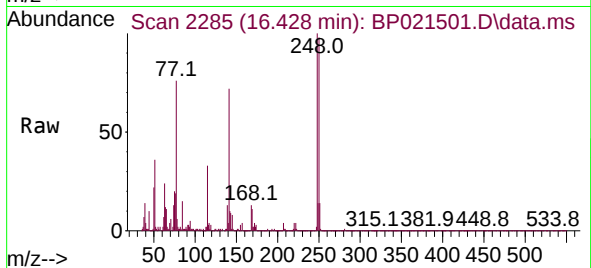
LOQ-WATER-02-QT3-2024

Tgt Ion:248	Resp:	75460
Ion Ratio	Lower	Upper
248	100	
250	98.3	78.6 117.8
141	72.0	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: 4.236 ng

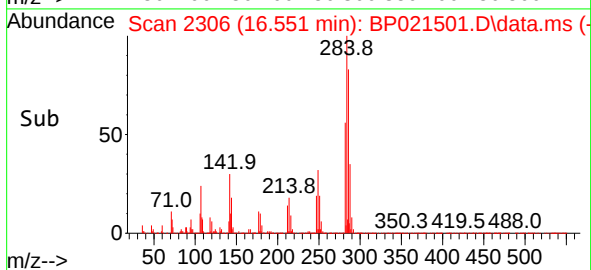
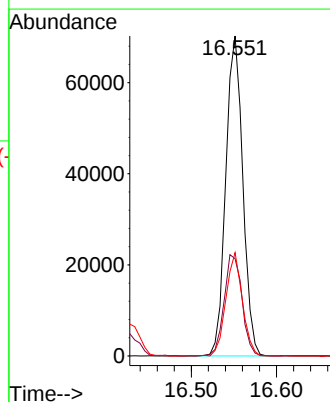
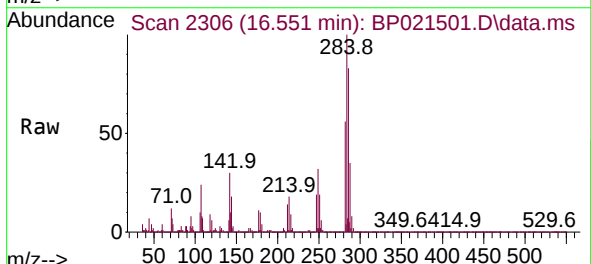
RT: 16.551 min Scan# 2306

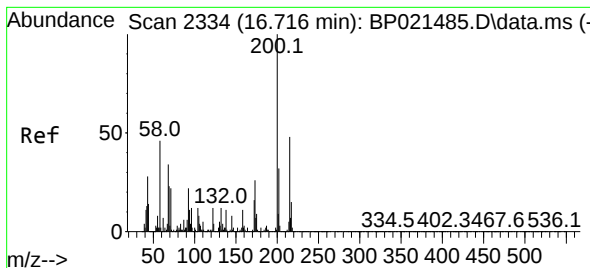
Delta R.T. -0.000 min

Lab File: BP021501.D

Acq: 14 Aug 2024 15:46

Tgt Ion:284	Resp:	97454
Ion Ratio	Lower	Upper
284	100	
142	30.4	23.4 35.2
249	32.3	24.1 36.1





#69

Atrazine

Concen: 4.235 ng

RT: 16.692 min Scan# 21

Delta R.T. -0.024 min

Lab File: BP021501.D

Acq: 14 Aug 2024 15:46

Instrument :

BNA_P

ClientSampleId :

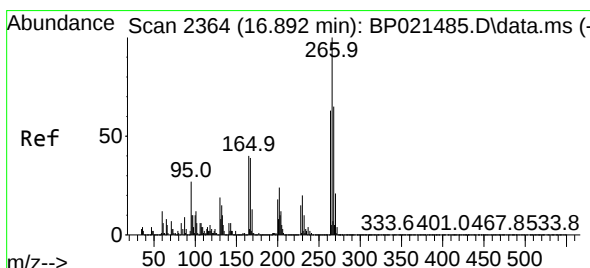
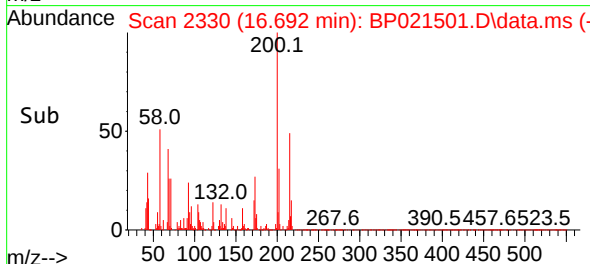
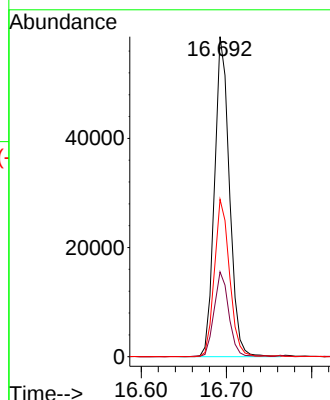
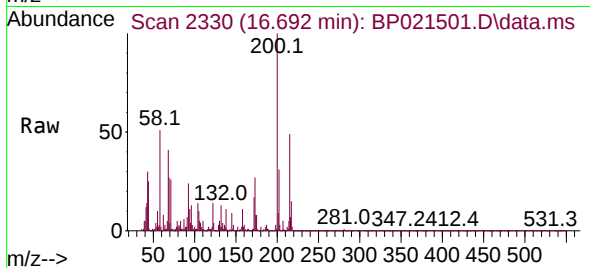
LOQ-WATER-02-QT3-2024

Tgt Ion:	200	Resp:	71660
Ion Ratio	Lower	Upper	
200	100		
173	26.5	6.2	46.2
215	49.2	28.4	68.4

Manual Integrations

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



#70

Pentachlorophenol

Concen: 2.915 ng

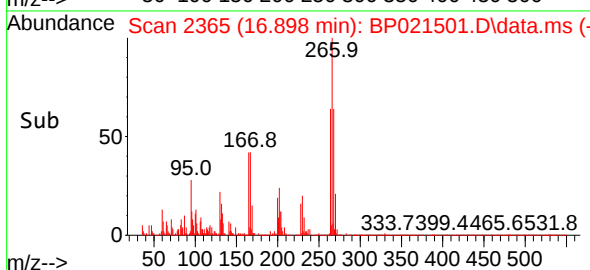
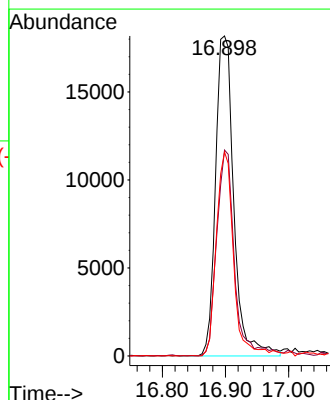
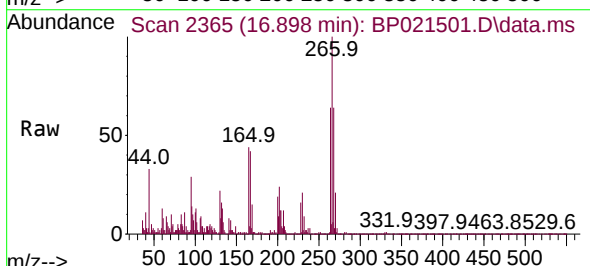
RT: 16.898 min Scan# 2365

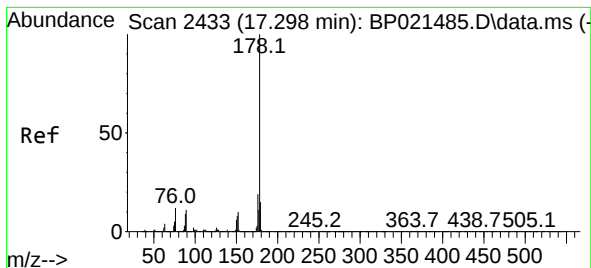
Delta R.T. 0.006 min

Lab File: BP021501.D

Acq: 14 Aug 2024 15:46

Tgt Ion:	266	Resp:	36604
Ion Ratio	Lower	Upper	
266	100		
268	64.3	51.8	77.6
264	63.7	50.5	75.7





#71

Phenanthrene

Concen: 4.586 ng

RT: 17.298 min Scan# 2433

Delta R.T. -0.000 min

Lab File: BP021501.D

Acq: 14 Aug 2024 15:46

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT3-2024

Tgt Ion:178 Resp: 405670

Ion Ratio Lower Upper

178 100

176 18.5 15.4 23.2

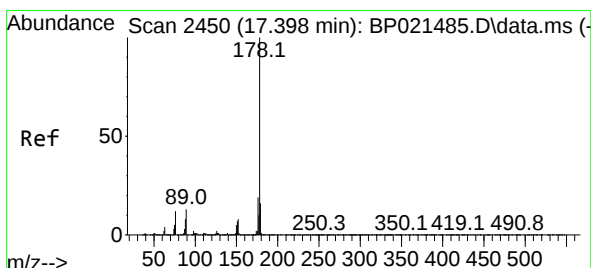
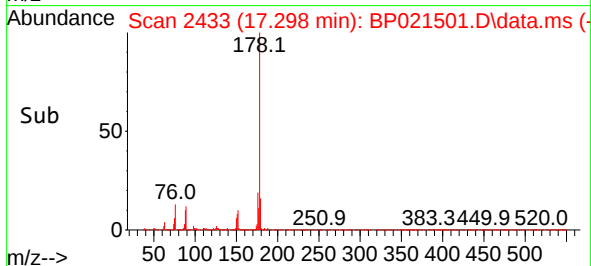
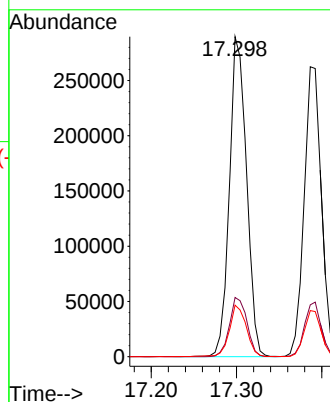
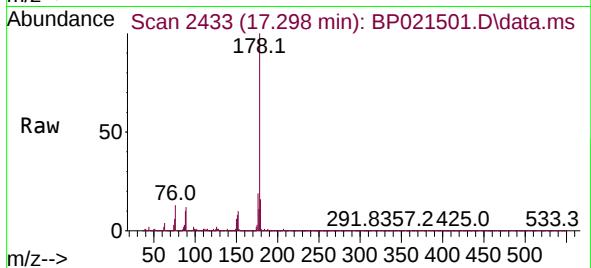
179 16.1 12.4 18.6

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Reviewed By :Jagrut Upadhyay 08/14/2024

Supervised By :mohammad ahmed 08/16/2024



#72

Anthracene

Concen: 4.282 ng

RT: 17.387 min Scan# 2448

Delta R.T. -0.012 min

Lab File: BP021501.D

Acq: 14 Aug 2024 15:46

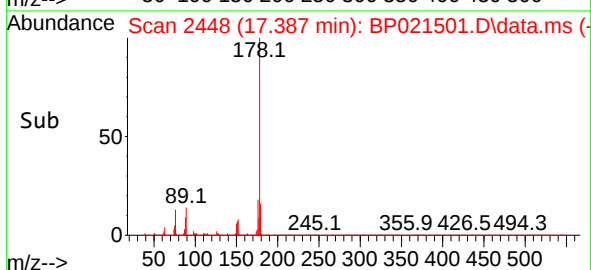
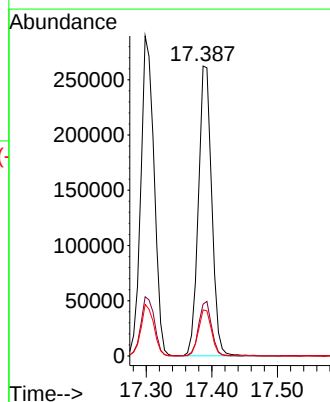
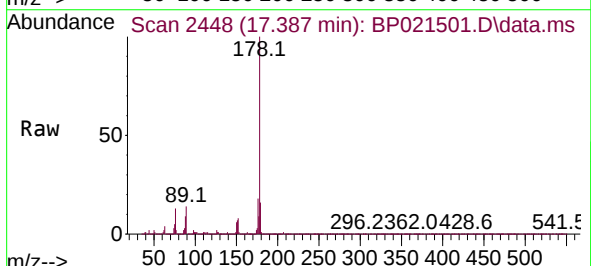
Tgt Ion:178 Resp: 371490

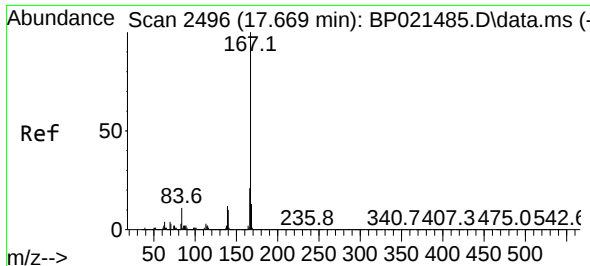
Ion Ratio Lower Upper

178 100

176 17.9 14.9 22.3

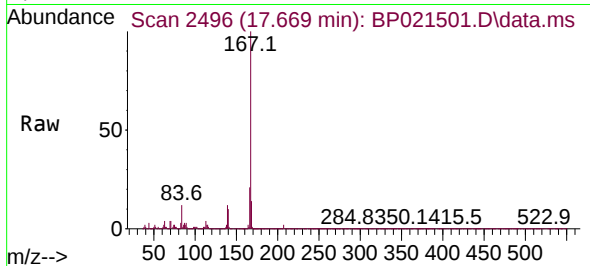
179 15.9 12.5 18.7





#73
 Carbazole
 Concen: 4.218 ng
 RT: 17.669 min Scan# 2496
 Delta R.T. 0.000 min
 Lab File: BP021501.D
 Acq: 14 Aug 2024 15:46

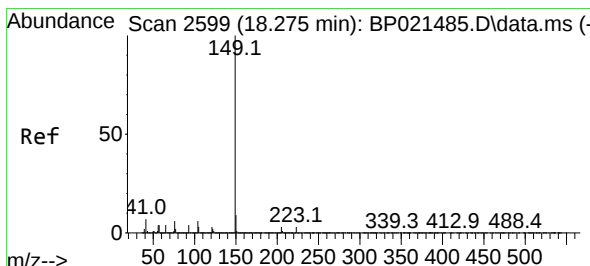
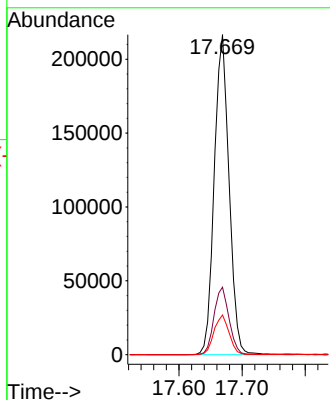
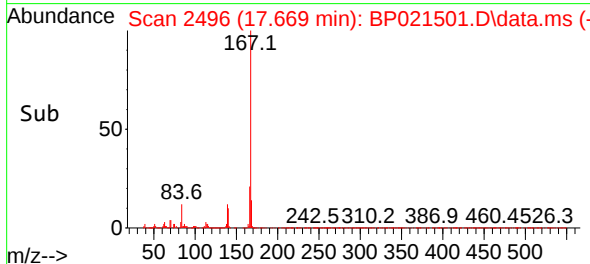
Instrument : BNA_P
 ClientSampleId :
 LOQ-WATER-02-QT3-2024



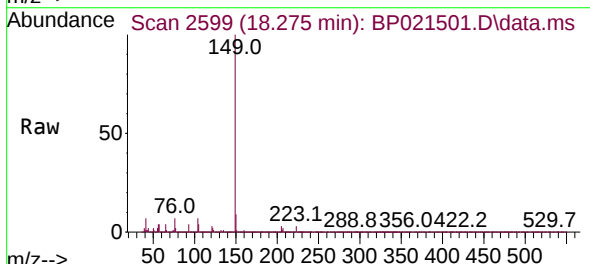
Tgt Ion:167 Resp: 35264
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.0 25.4
 139 12.4 9.9 14.9

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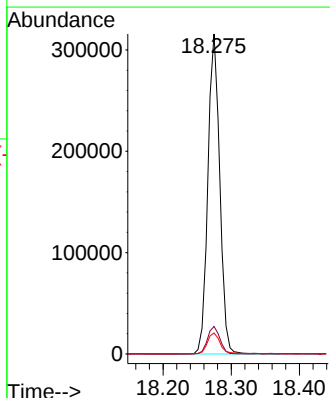
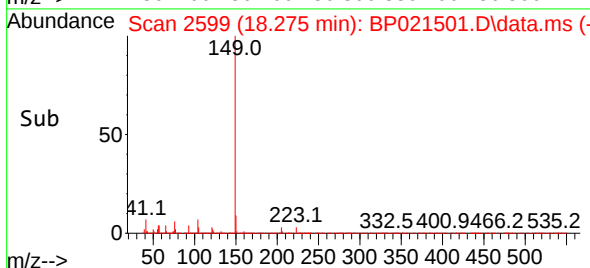
Reviewed By :Jagrut Upadhyay 08/14/2024
 Supervised By :mohammad ahmed 08/16/2024

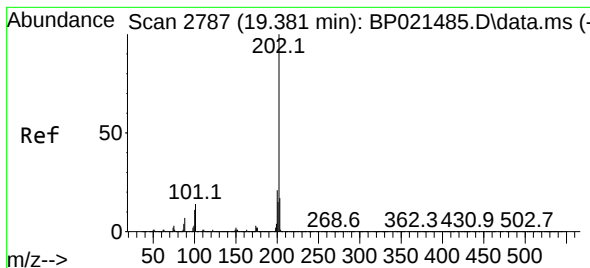


#74
 Di-n-butylphthalate
 Concen: 3.721 ng
 RT: 18.275 min Scan# 2599
 Delta R.T. 0.000 min
 Lab File: BP021501.D
 Acq: 14 Aug 2024 15:46



Tgt Ion:149 Resp: 382068
 Ion Ratio Lower Upper
 149 100
 150 8.6 7.5 11.3
 104 6.6 4.9 7.3





#75

Fluoranthene

Concen: 4.095 ng

RT: 19.375 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP021501.D

Acq: 14 Aug 2024 15:46

Instrument :

BNA_P

ClientSampleId :

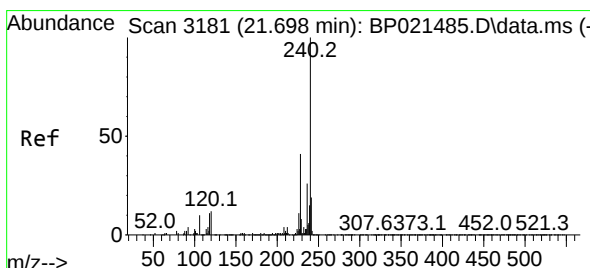
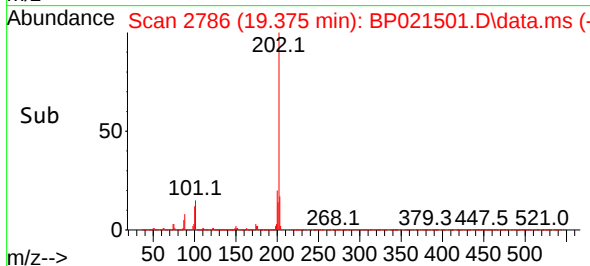
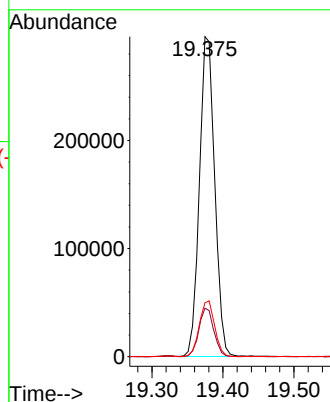
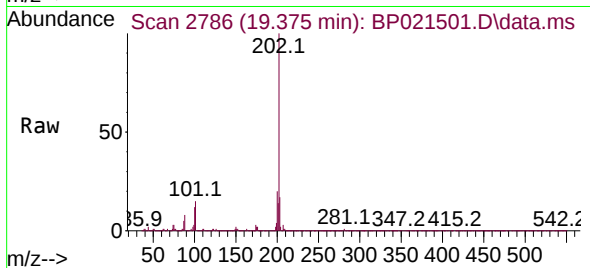
LOQ-WATER-02-QT3-2024

Tgt Ion:	202	Resp:	44443
Ion Ratio	Lower	Upper	
202	100		
101	15.1	0.0	34.0
203	16.9	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

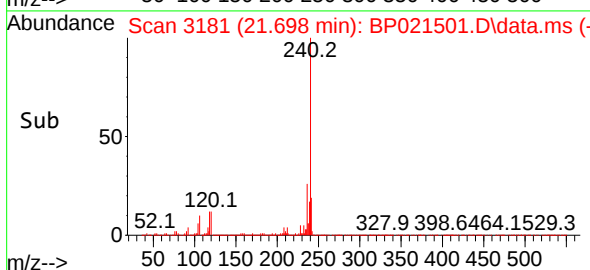
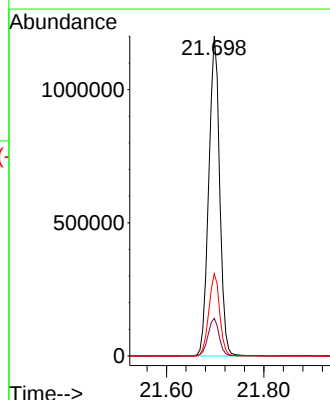
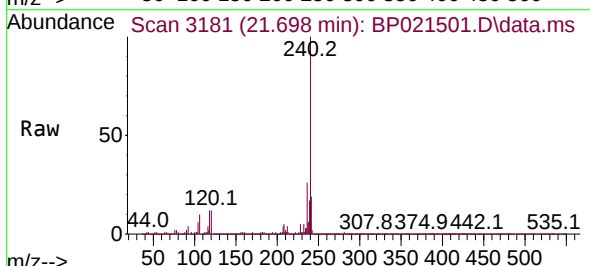
RT: 21.698 min Scan# 3181

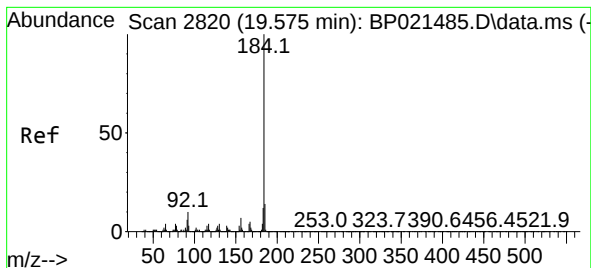
Delta R.T. 0.000 min

Lab File: BP021501.D

Acq: 14 Aug 2024 15:46

Tgt Ion:	240	Resp:	1857319
Ion Ratio	Lower	Upper	
240	100		
120	11.7	9.9	14.9
236	25.7	20.6	30.8





#77

Benzidine

Concen: 3.695 ng

RT: 19.563 min Scan# 2818

Delta R.T. -0.012 min

Lab File: BP021501.D

Acq: 14 Aug 2024 15:46

Instrument :

BNA_P

ClientSampleId :

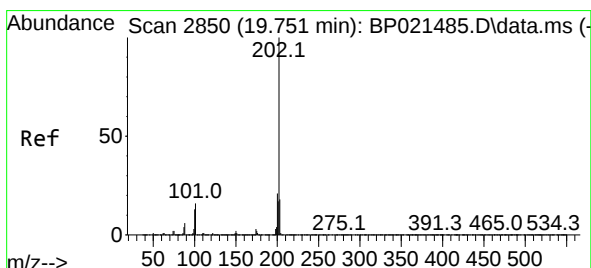
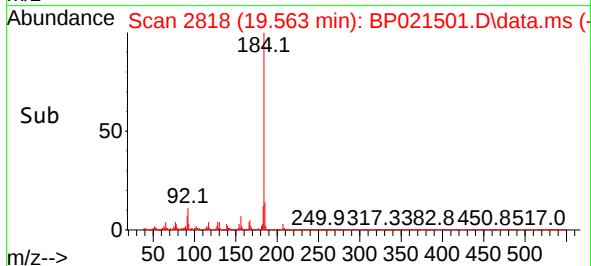
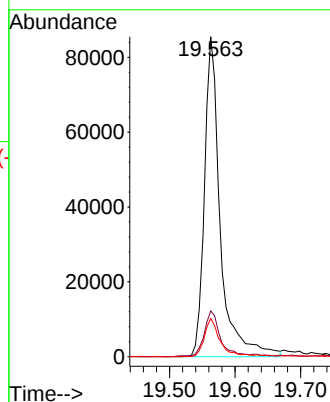
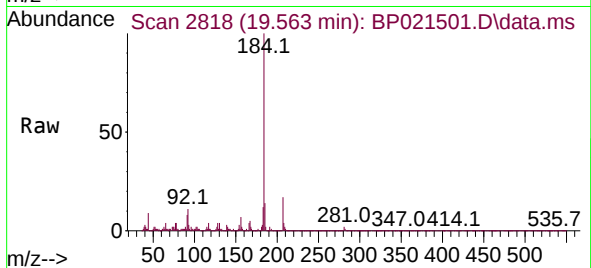
LOQ-WATER-02-QT3-2024

Tgt Ion:184	Resp: 143954
Ion Ratio	Lower Upper
184 100	
185 14.3	11.4 17.0
183 11.9	9.3 13.9

Manual Integrations

APPROVED

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



#78

Pyrene

Concen: 3.950 ng

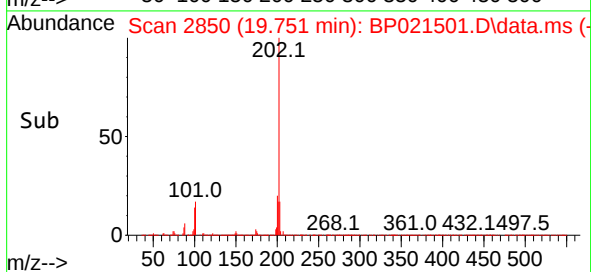
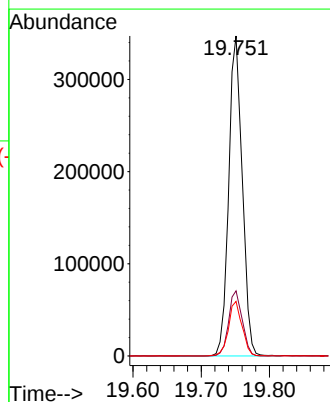
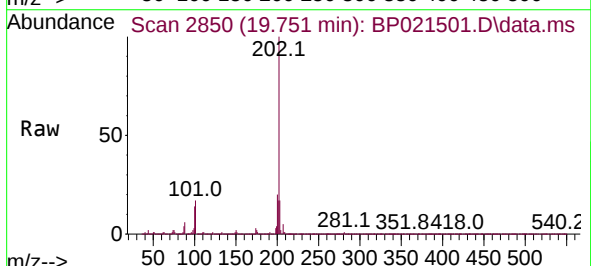
RT: 19.751 min Scan# 2850

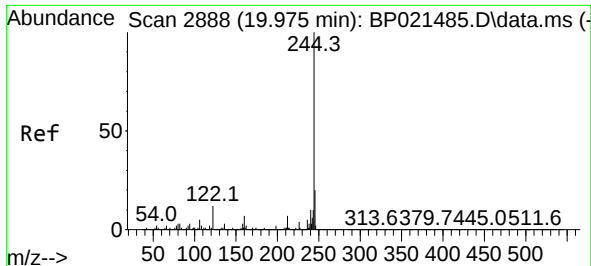
Delta R.T. -0.000 min

Lab File: BP021501.D

Acq: 14 Aug 2024 15:46

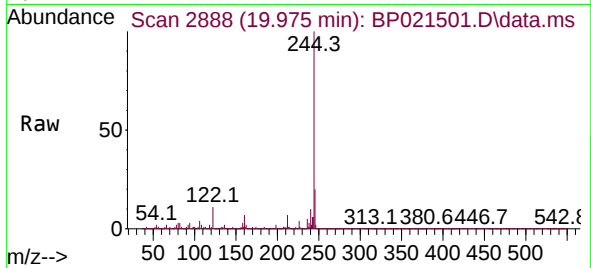
Tgt Ion:202	Resp: 479558
Ion Ratio	Lower Upper
202 100	
200 20.3	16.7 25.1
203 17.0	14.1 21.1





#79
 Terphenyl-d14
 Concen: 73.490 ng
 RT: 19.975 min Scan# 2888
 Delta R.T. -0.000 min
 Lab File: BP021501.D
 Acq: 14 Aug 2024 15:46

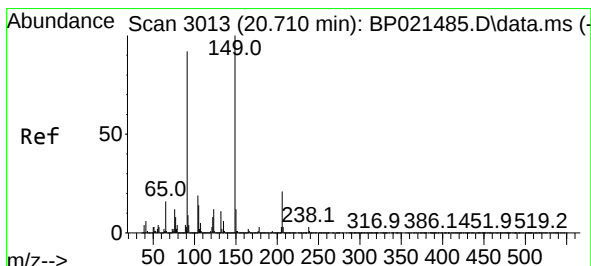
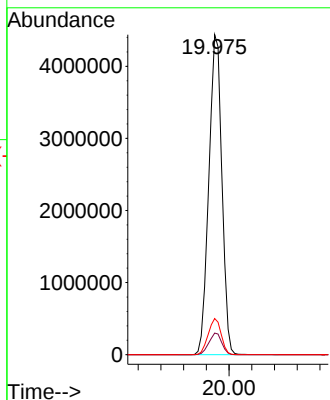
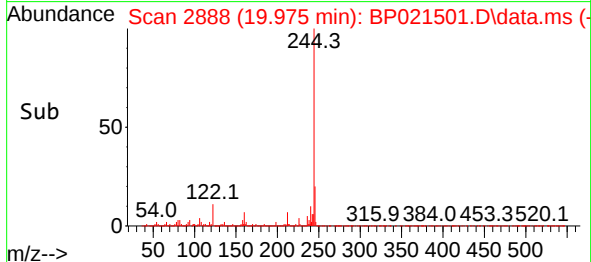
Instrument : BNA_P
 ClientSampleId :
 LOQ-WATER-02-QT3-2024



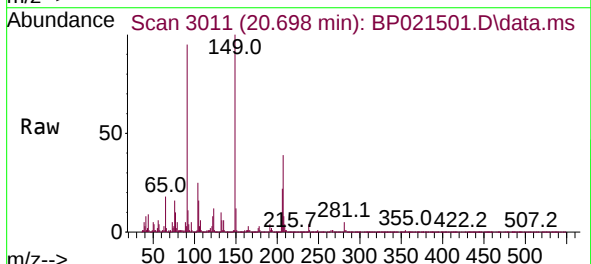
Tgt Ion:244 Resp: 702594
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 11.3 9.4 14.2

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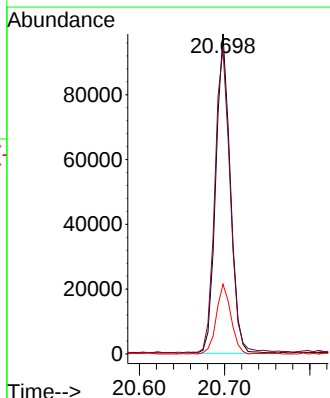
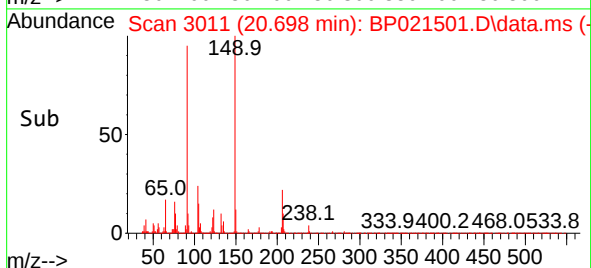
Reviewed By :Jagrut Upadhyay 08/14/2024
 Supervised By :mohammad ahmed 08/16/2024

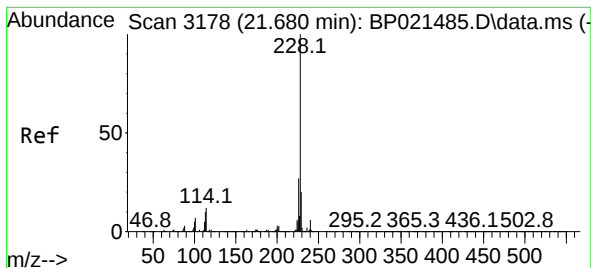


#80
 Butylbenzylphthalate
 Concen: 5.027 ng
 RT: 20.698 min Scan# 3011
 Delta R.T. -0.012 min
 Lab File: BP021501.D
 Acq: 14 Aug 2024 15:46



Tgt Ion:149 Resp: 116533
 Ion Ratio Lower Upper
 149 100
 91 95.3 73.3 109.9
 206 21.8 17.1 25.7





#81

Benzo(a)anthracene

Concen: 4.264 ng

RT: 21.680 min Scan# 3178

Delta R.T. 0.000 min

Lab File: BP021501.D

Acq: 14 Aug 2024 15:46

Instrument :

BNA_P

ClientSampleId :

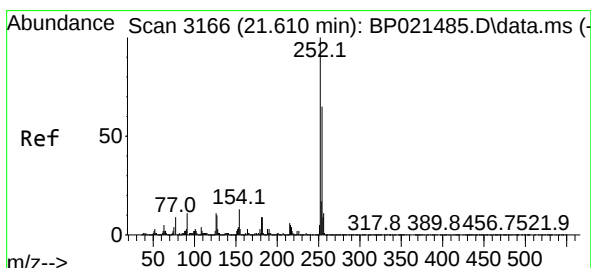
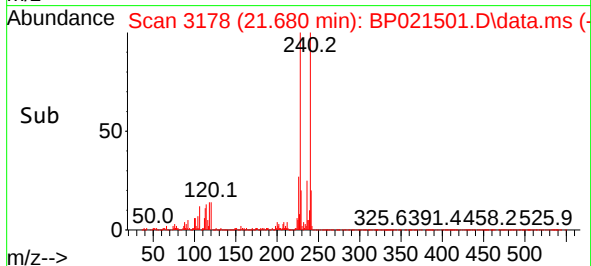
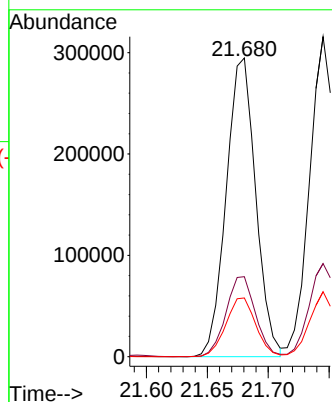
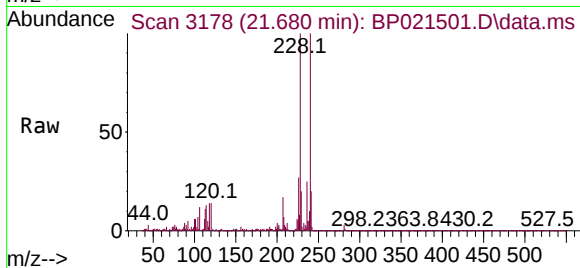
LOQ-WATER-02-QT3-2024

Tgt Ion:	228	Resp:	49720
Ion Ratio	Lower	Upper	
228	100		
226	26.8	21.4	32.2
229	19.7	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: 3.908 ng

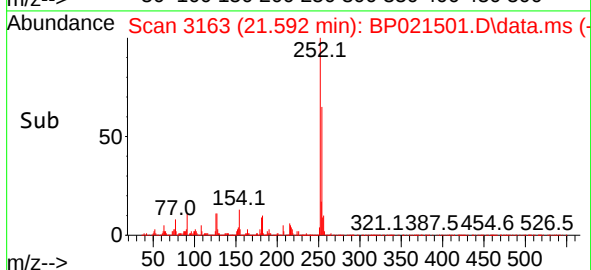
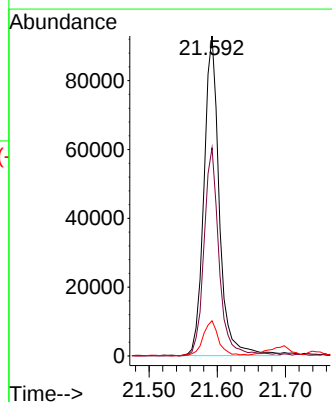
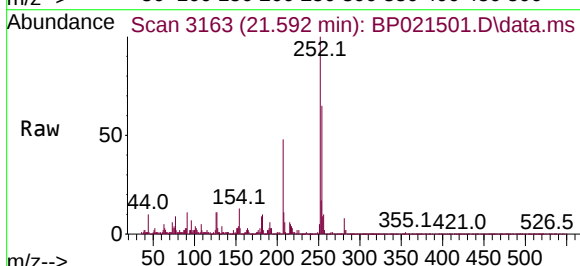
RT: 21.592 min Scan# 3163

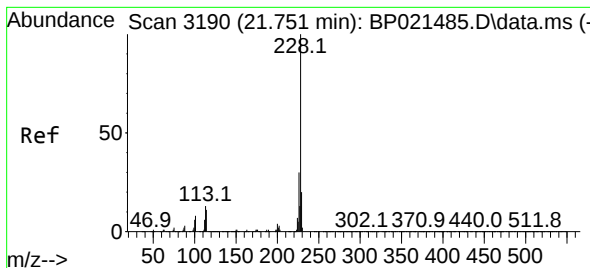
Delta R.T. -0.018 min

Lab File: BP021501.D

Acq: 14 Aug 2024 15:46

Tgt Ion:	252	Resp:	146096
Ion Ratio	Lower	Upper	
252	100		
254	65.1	51.7	77.5
126	11.0	8.7	13.1





#83

Chrysene

Concen: 4.267 ng

RT: 21.745 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP021501.D

Acq: 14 Aug 2024 15:46

Instrument :

BNA_P

ClientSampleId :

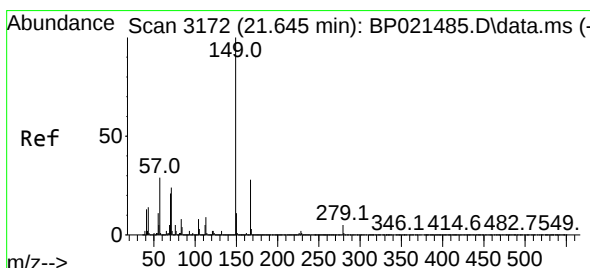
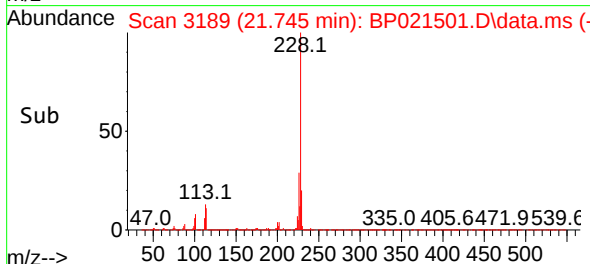
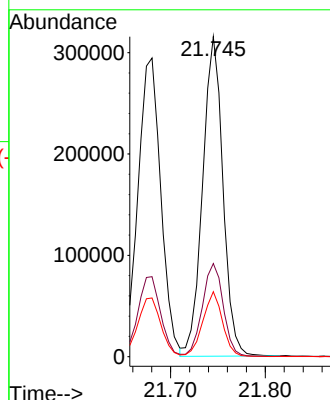
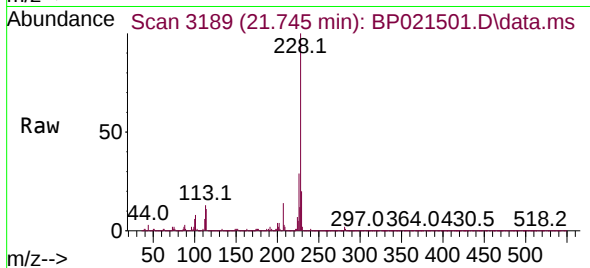
LOQ-WATER-02-QT3-2024

Tgt Ion:228	Resp: 46976
Ion Ratio	Lower Upper
228 100	
226 29.1	23.9 35.9
229 20.3	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: 5.110 ng

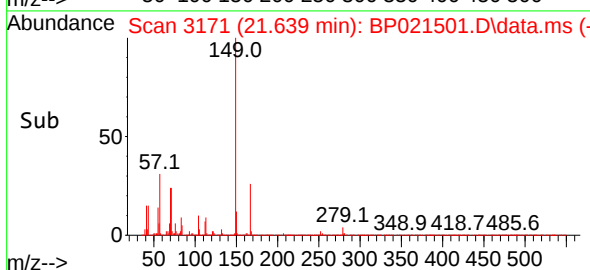
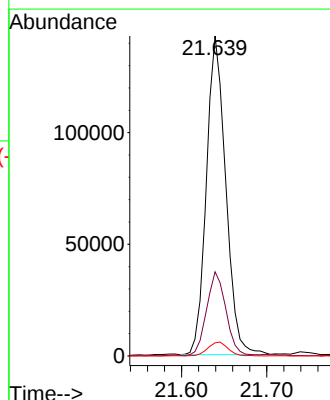
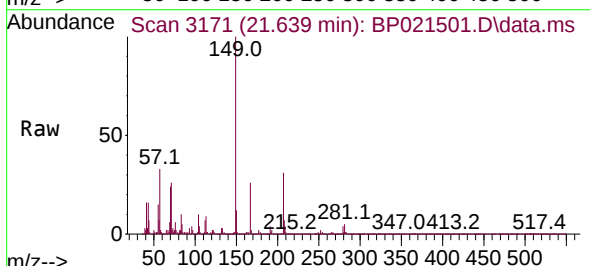
RT: 21.639 min Scan# 3171

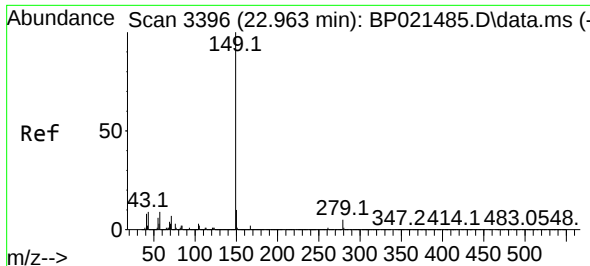
Delta R.T. -0.006 min

Lab File: BP021501.D

Acq: 14 Aug 2024 15:46

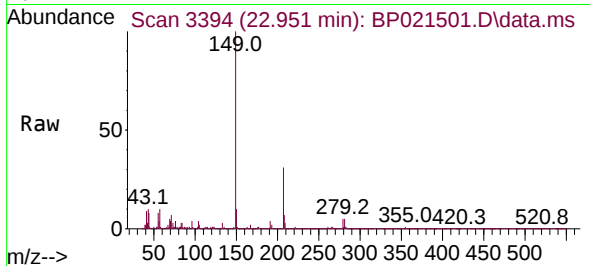
Tgt Ion:149	Resp: 225411
Ion Ratio	Lower Upper
149 100	
167 26.3	22.3 33.5
279 4.1	3.8 5.6





#85
Di-n-octyl phthalate
Concen: 7.003 ng
RT: 22.951 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP021501.D
Acq: 14 Aug 2024 15:46

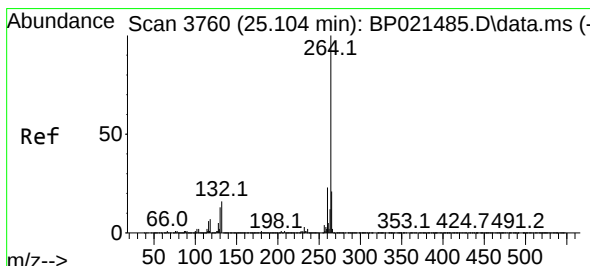
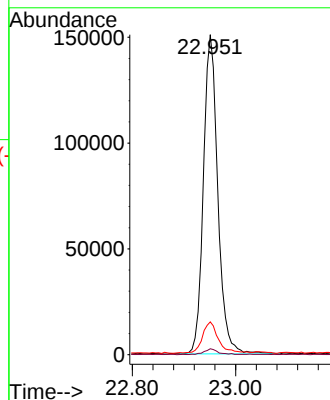
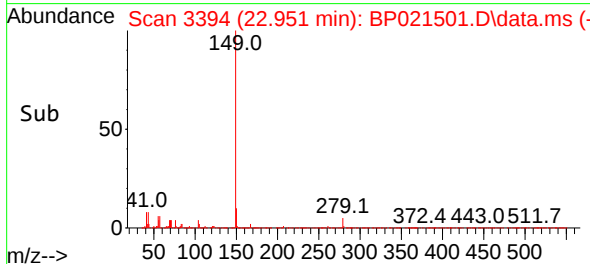
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion:149 Resp: 29164
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 11.1 7.3 10.9

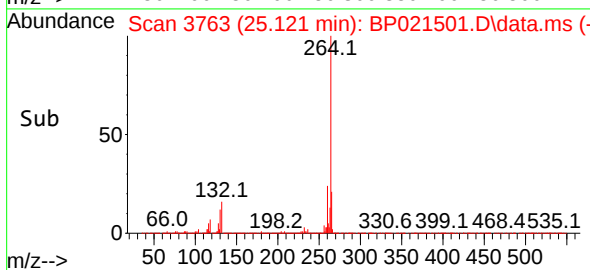
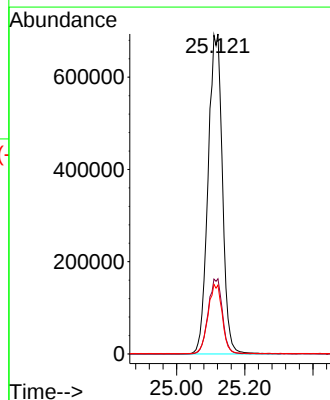
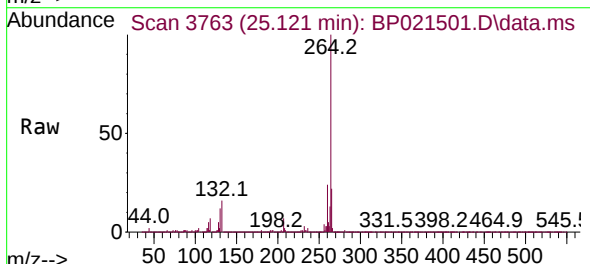
Manual Integrations
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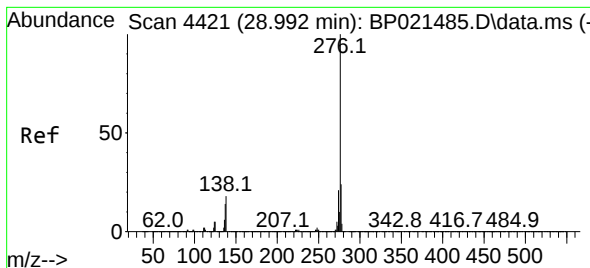
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.121 min Scan# 3763
Delta R.T. 0.018 min
Lab File: BP021501.D
Acq: 14 Aug 2024 15:46

Tgt Ion:264 Resp: 2025367
Ion Ratio Lower Upper
264 100
260 23.5 18.6 28.0
265 21.5 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.931 ng m

RT: 28.962 min Scan# 4421

Delta R.T. -0.029 min

Lab File: BP021501.D

Acq: 14 Aug 2024 15:46

Instrument :

BNA_P

ClientSampleId :

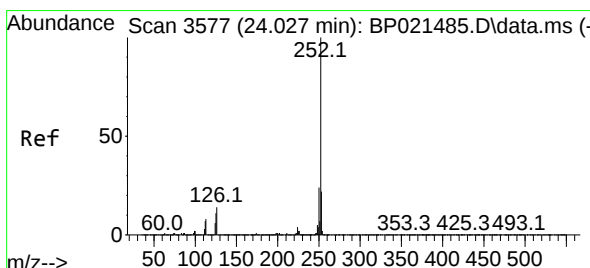
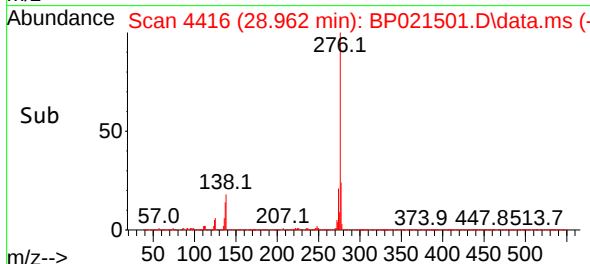
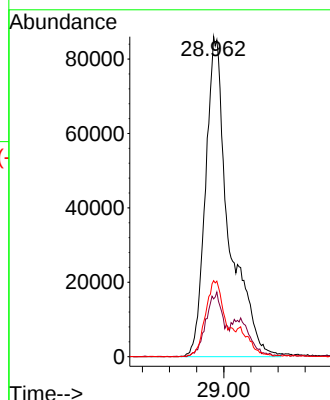
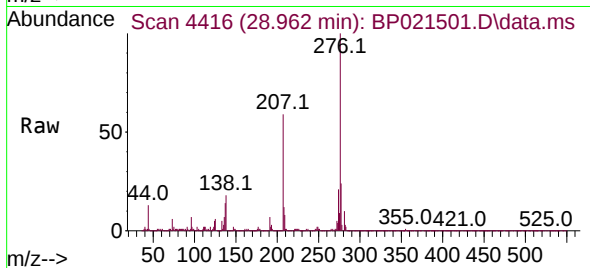
LOQ-WATER-02-QT3-2024

Tgt Ion:	276	Resp:	51603
Ion Ratio	Lower	Upper	
276	100		
138	15.2	12.8	19.2
277	18.5	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: 3.917 ng

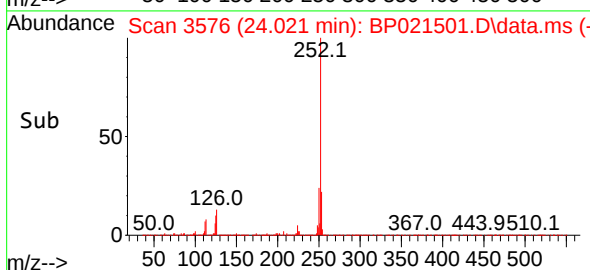
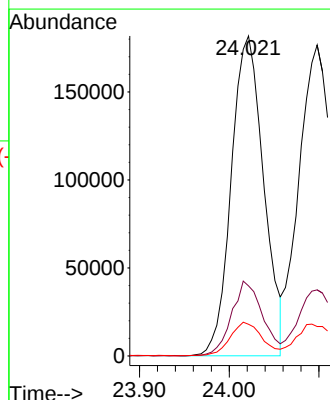
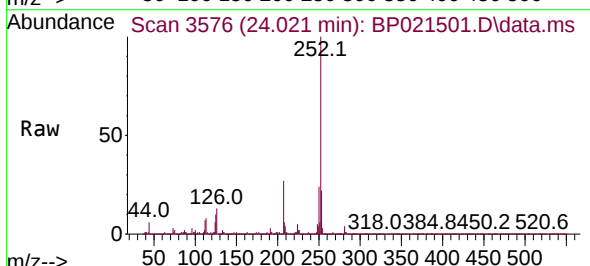
RT: 24.021 min Scan# 3576

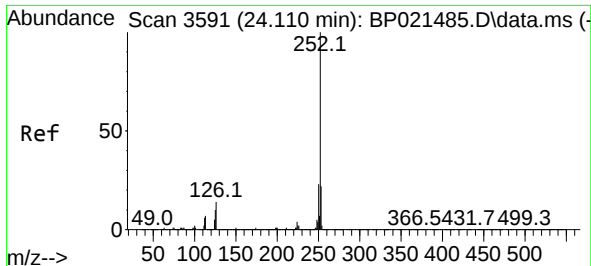
Delta R.T. -0.006 min

Lab File: BP021501.D

Acq: 14 Aug 2024 15:46

Tgt Ion:	252	Resp:	455619
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.6	26.4
125	9.9	8.6	13.0





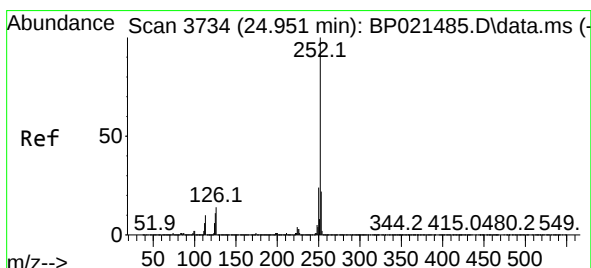
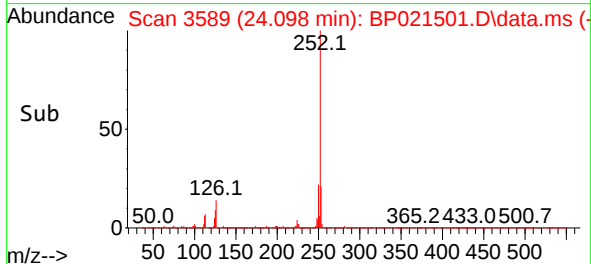
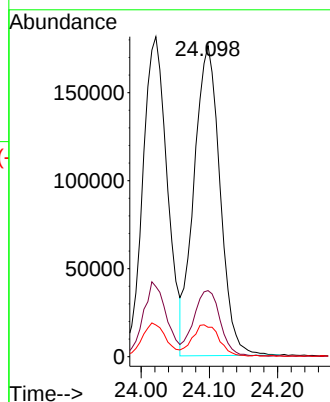
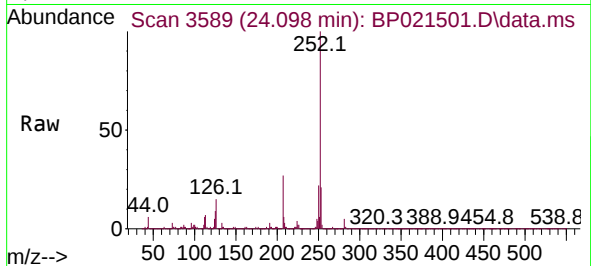
#89
Benzo(k)fluoranthene
Concen: 4.110 ng
RT: 24.098 min Scan# 3589
Delta R.T. -0.012 min
Lab File: BP021501.D
Acq: 14 Aug 2024 15:46

Instrument : BNA_P
ClientSampleId : LOQ-WATER-02-QT3-2024

Tgt Ion:252 Resp: 466418
Ion Ratio Lower Upper
252 100
253 21.2 17.5 26.3
125 9.5 7.8 11.8

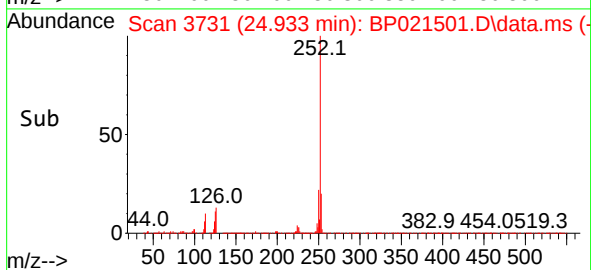
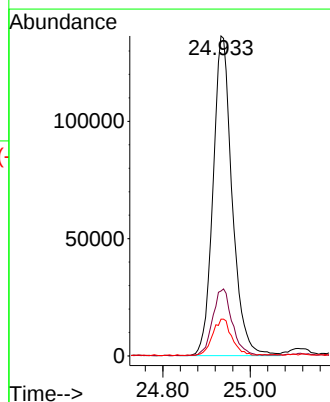
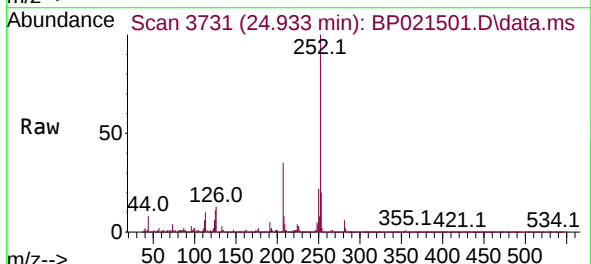
Manual Integrations
APPROVED

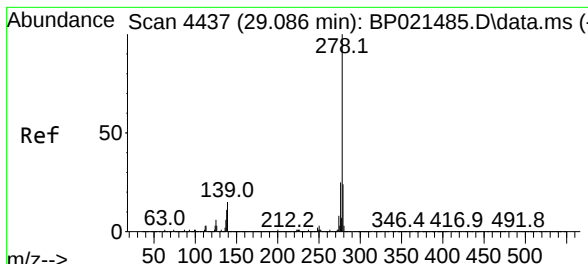
Reviewed By :Jagrut Upadhyay 08/14/2024
Supervised By :mohammad ahmed 08/16/2024



#90
Benzo(a)pyrene
Concen: 4.091 ng
RT: 24.933 min Scan# 3731
Delta R.T. -0.018 min
Lab File: BP021501.D
Acq: 14 Aug 2024 15:46

Tgt Ion:252 Resp: 413008
Ion Ratio Lower Upper
252 100
253 20.3 17.7 26.5
125 11.5 8.7 13.1





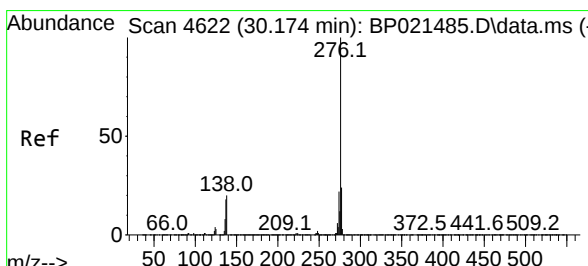
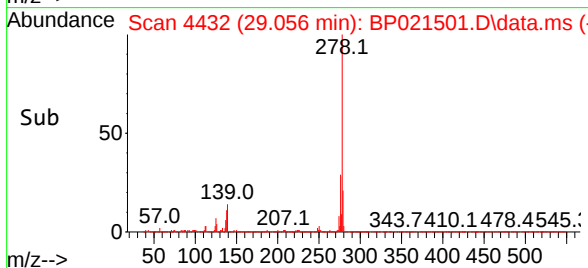
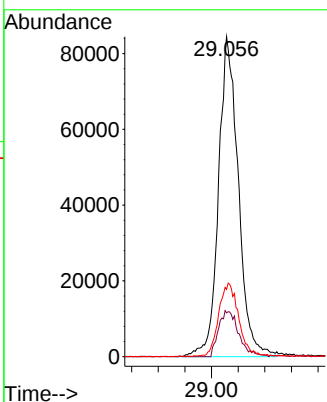
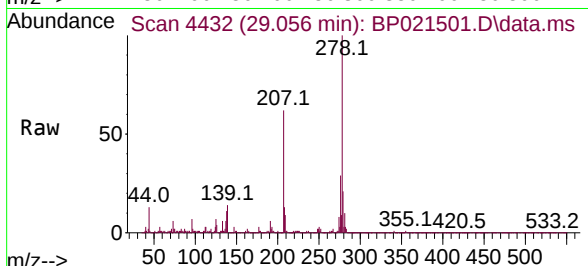
#91
 Dibenzo(a,h)anthracene
 Concen: 3.997 ng
 RT: 29.056 min Scan# 4437
 Delta R.T. -0.029 min
 Lab File: BP021501.D
 Acq: 14 Aug 2024 15:46

Instrument : BNA_P
 ClientSampleId :
 LOQ-WATER-02-QT3-2024

Tgt Ion:	278	Resp:	43602
Ion Ratio	Lower	Upper	
278	100		
139	13.7	12.2	18.4
279	21.1	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: 3.866 ng
 RT: 30.162 min Scan# 4620
 Delta R.T. -0.012 min
 Lab File: BP021501.D
 Acq: 14 Aug 2024 15:46

Tgt Ion:	276	Resp:	422686
Ion Ratio	Lower	Upper	
276	100		
277	23.7	19.0	28.6
138	20.4	16.0	24.0

