

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020624\
 Data File : BM043988.D
 Acq On : 06 Feb 2024 12:50
 Operator : MA/JU
 Sample : 03572-08
 Misc : LOQ-WATER-10PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT3-2023

Quant Time: Feb 07 03:05:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 07:03:31 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024
 Supervised By :mohammad ahmed 02/08/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	279732	20.000	ng	0.00
21) Naphthalene-d8	10.727	136	1251738	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	780766	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	1712258	20.000	ng	0.00
76) Chrysene-d12	21.515	240	1748380	20.000	ng	0.00
86) Perylene-d12	23.927	264	2008919	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	2734446	144.354	ng	0.00
7) Phenol-d6	7.087	99	3774442	134.860	ng	0.00
23) Nitrobenzene-d5	9.092	82	2171025	83.608	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	1346039	141.429	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	4837014	85.127	ng	0.00
79) Terphenyl-d14	19.956	244	8276485	91.382	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.393	88	85667	11.702	ng	99
3) Pyridine	3.799	79	213201	9.570	ng	98
4) n-Nitrosodimethylamine	3.716	42	96472	10.073	ng	# 99
6) Aniline	7.251	93	311341	11.180	ng	98
8) 2-Chlorophenol	7.481	128	204516	9.724	ng	98
9) Benzaldehyde	7.069	77	205415	12.807	ng	97
10) Phenol	7.110	94	279672	10.050	ng	94
11) bis(2-Chloroethyl)ether	7.357	93	226052	10.364	ng	100
12) 1,3-Dichlorobenzene	7.804	146	229674	10.115	ng	99
13) 1,4-Dichlorobenzene	7.957	146	236015	10.278	ng	99
14) 1,2-Dichlorobenzene	8.269	146	226520	10.002	ng	99
15) Benzyl Alcohol	8.169	79	188672	9.835	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.463	45	316399m	10.818	ng	
17) 2-Methylphenol	8.363	107	173446	9.750	ng	98
18) Hexachloroethane	8.998	117	87635	10.170	ng	99
19) n-Nitroso-di-n-propyla...	8.733	70	185478	10.071	ng	99
20) 3+4-Methylphenols	8.692	107	228646	9.107	ng	99
22) Acetophenone	8.751	105	360680	10.634	ng	# 99
24) Nitrobenzene	9.133	77	267026	10.249	ng	98
25) Isophorone	9.657	82	484868	10.031	ng	98
26) 2-Nitrophenol	9.839	139	94203	8.946	ng	95
27) 2,4-Dimethylphenol	9.898	122	159991	11.066	ng	96
28) bis(2-Chloroethoxy)met...	10.151	93	307908	10.431	ng	100
29) 2,4-Dichlorophenol	10.369	162	178047	9.655	ng	98
30) 1,2,4-Trichlorobenzene	10.586	180	209876	10.076	ng	98
31) Naphthalene	10.775	128	709894	10.175	ng	99
32) Benzoic acid	9.975	122	92413	11.679	ng	93
33) 4-Chloroaniline	10.892	127	300718	10.486	ng	98
34) Hexachlorobutadiene	11.051	225	112899	9.939	ng	99
35) Caprolactam	11.663	113	67439	8.918	ng	98
36) 4-Chloro-3-methylphenol	12.016	107	209039	9.257	ng	95
37) 2-Methylnaphthalene	12.386	142	480404	9.874	ng	99
38) 1-Methylnaphthalene	12.604	142	472316	9.724	ng	98
40) 1,2,4,5-Tetrachloroben...	12.751	216	232219	10.487	ng	99
41) Hexachlorocyclopentadiene	12.721	237	92266	12.669	ng	96
43) 2,4,6-Trichlorophenol	12.998	196	139008	9.289	ng	92

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 ALS Vial : 7 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 LOQ-WATER-02-QT3-2023

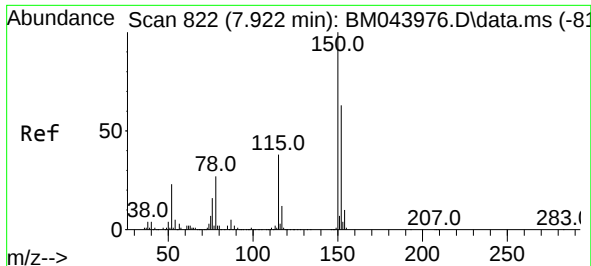
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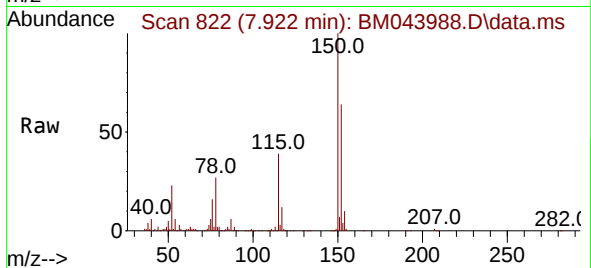
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44) 2,4,5-Trichlorophenol	13.063	196	161075	9.434	ng	98
46) 1,1'-Biphenyl	13.398	154	649787	10.583	ng	99
47) 2-Chloronaphthalene	13.439	162	499055	10.192	ng	99
48) 2-Nitroaniline	13.651	65	147635	9.270	ng	97
49) Acenaphthylene	14.286	152	824111	11.010	ng	100
50) Dimethylphthalate	14.033	163	620350	10.229	ng	99
51) 2,6-Dinitrotoluene	14.151	165	123868	9.292	ng	93
52) Acenaphthene	14.627	154	476306	10.038	ng	99
53) 3-Nitroaniline	14.480	138	145451	9.399	ng	# 94
54) 2,4-Dinitrophenol	14.686	184	47083	12.589	ng	94
55) Dibenzofuran	14.963	168	773563	10.476	ng	100
56) 4-Nitrophenol	14.780	139	123230	9.112	ng	99
57) 2,4-Dinitrotoluene	14.933	165	163132	8.791	ng	97
58) Fluorene	15.615	166	628178	10.074	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.186	232	146677	9.965	ng	99
60) Diethylphthalate	15.398	149	616161	9.814	ng	99
61) 4-Chlorophenyl-phenyle...	15.615	204	291690	10.026	ng	99
62) 4-Nitroaniline	15.639	138	157514	9.309	ng	98
63) Azobenzene	15.909	77	639690	10.201	ng	98
65) 4,6-Dinitro-2-methylph...	15.692	198	68399	11.828	ng	90
66) n-Nitrosodiphenylamine	15.827	169	535292	10.495	ng	99
67) 4-Bromophenyl-phenylether	16.509	248	148409	8.798	ng	98
68) Hexachlorobenzene	16.609	284	198199	9.855	ng	98
69) Atrazine	16.786	200	171813	12.176	ng	99
70) Pentachlorophenol	16.956	266	105029	7.953	ng	98
71) Phenanthrene	17.356	178	1006071	10.549	ng	99
72) Anthracene	17.451	178	975467	10.447	ng	99
73) Carbazole	17.727	167	957114	9.898	ng	99
74) Di-n-butylphthalate	18.303	149	1009573	9.520	ng	100
75) Fluoranthene	19.380	202	1140760	9.672	ng	98
77) Benzidine	19.574	184	516315	23.275	ng	99
78) Pyrene	19.739	202	1232529	10.255	ng	99
80) Butylbenzylphthalate	20.662	149	445085	9.353	ng	97
81) Benzo(a)anthracene	21.497	228	1282857	10.459	ng	99
82) 3,3'-Dichlorobenzidine	21.439	252	420729	10.727	ng	99
83) Chrysene	21.550	228	1195129	10.170	ng	99
84) Bis(2-ethylhexyl)phtha...	21.450	149	677200	9.569	ng	99
85) Di-n-octyl phthalate	22.397	149	1102298	9.041	ng	100
87) Indeno(1,2,3-cd)pyrene	26.426	276	1459984	9.712	ng	99
88) Benzo(b)fluoranthene	23.191	252	1263484	9.999	ng	99
89) Benzo(k)fluoranthene	23.238	252	1243340	10.256	ng	99
90) Benzo(a)pyrene	23.815	252	1095411	9.807	ng	100
91) Dibenzo(a,h)anthracene	26.450	278	1209209	9.754	ng	99
92) Benzo(g,h,i)perylene	27.191	276	1179942	9.331	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM043988.D
Acq: 06 Feb 2024 12:50

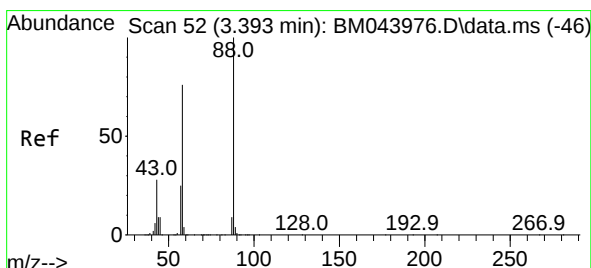
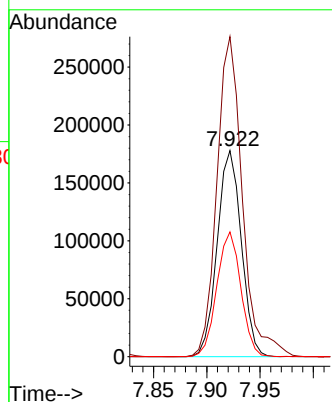
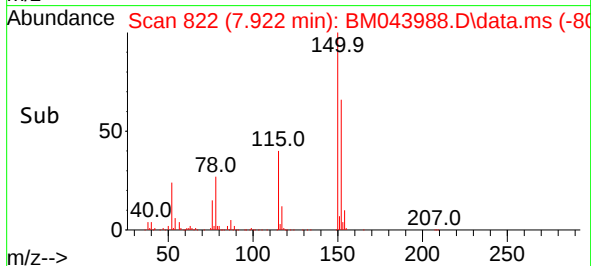
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2023



Tgt Ion:152 Resp: 279732
Ion Ratio Lower Upper
152 100
150 155.3 126.1 189.1
115 60.6 48.2 72.2

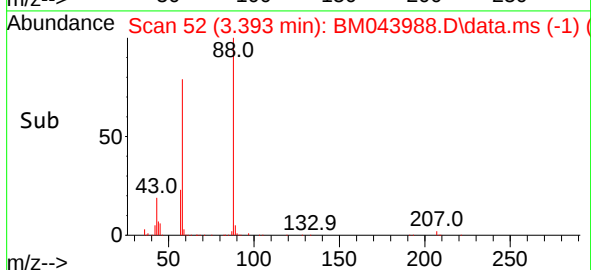
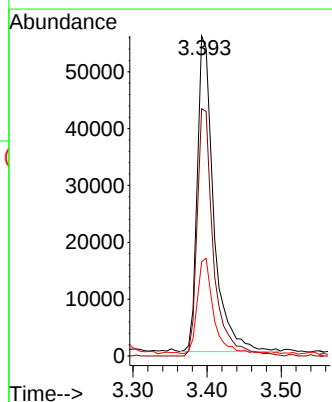
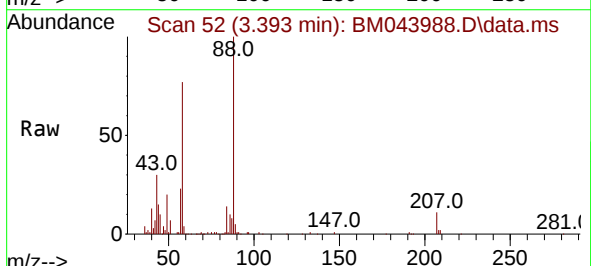
Manual Integrations
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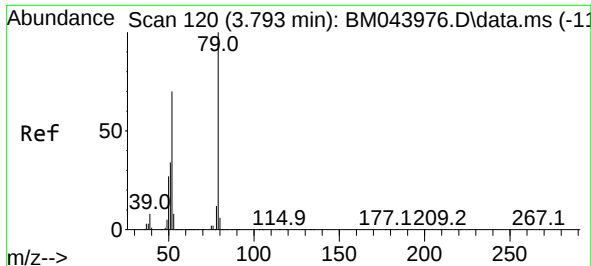
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#2
1,4-Dioxane
Concen: 11.702 ng
RT: 3.393 min Scan# 52
Delta R.T. -0.000 min
Lab File: BM043988.D
Acq: 06 Feb 2024 12:50

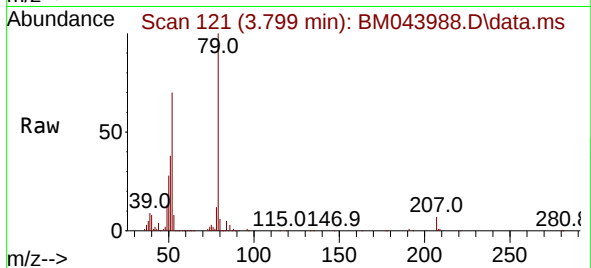
Tgt Ion: 88 Resp: 85667
Ion Ratio Lower Upper
88 100
58 77.4 61.0 91.6
43 29.7 23.0 34.6





#3
Pyridine
Concen: 9.570 ng
RT: 3.799 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM043988.D
Acq: 06 Feb 2024 12:50

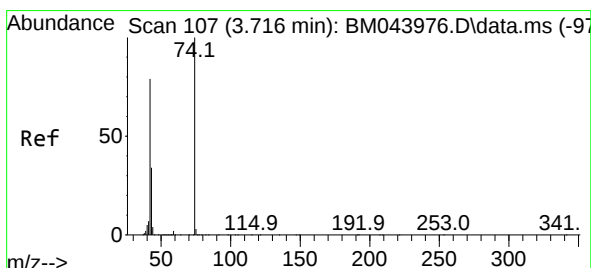
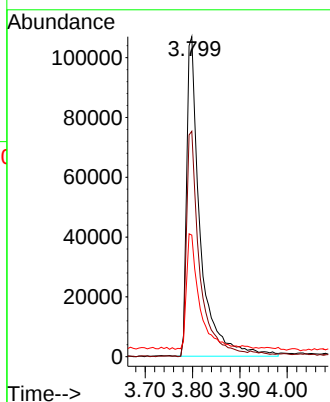
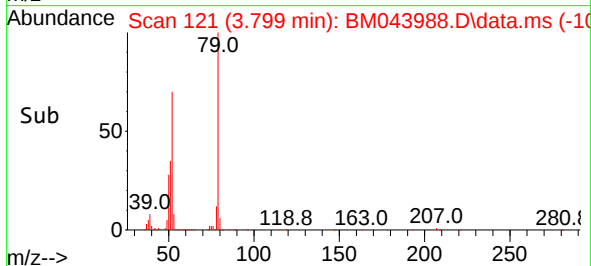
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2023



Tgt Ion: 79 Resp: 21320
Ion Ratio Lower Upper
79 100
52 70.5 55.9 83.9
51 38.0 28.2 42.2

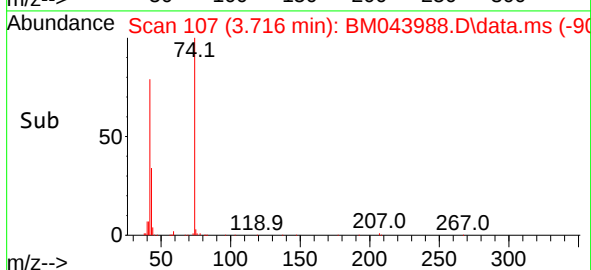
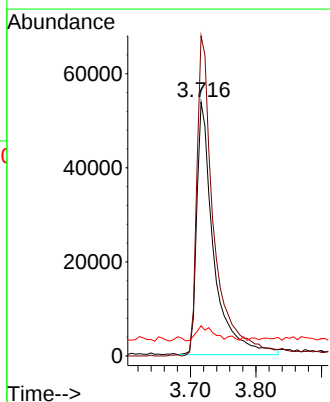
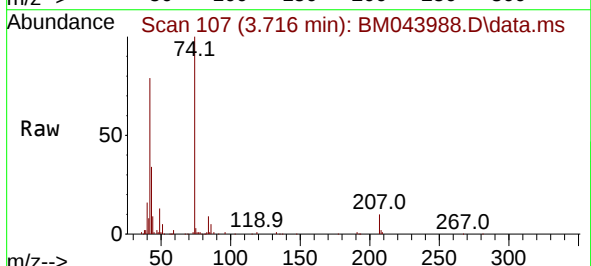
Manual Integrations
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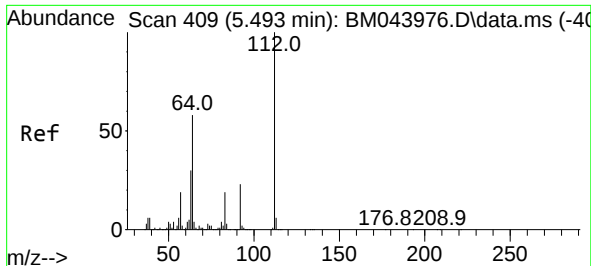
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#4
n-Nitrosodimethylamine
Concen: 10.073 ng
RT: 3.716 min Scan# 107
Delta R.T. -0.000 min
Lab File: BM043988.D
Acq: 06 Feb 2024 12:50

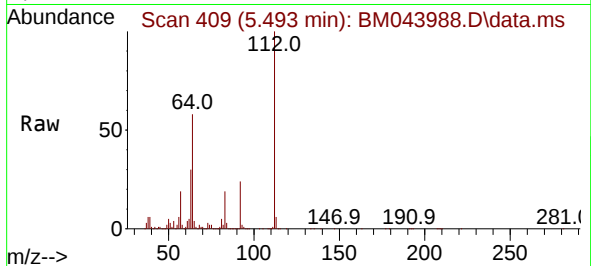
Tgt Ion: 42 Resp: 96472
Ion Ratio Lower Upper
42 100
74 126.2 100.7 151.1
44 12.0 7.3 10.9#





#5
2-Fluorophenol
Concen: 144.354 ng
RT: 5.493 min Scan# 409
Delta R.T. -0.000 min
Lab File: BM043988.D
Acq: 06 Feb 2024 12:50

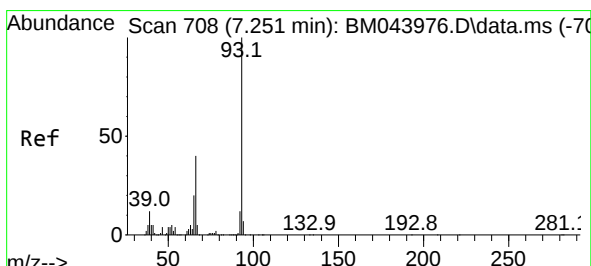
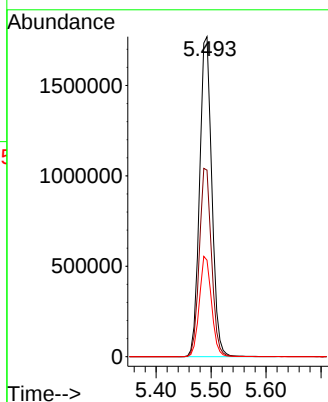
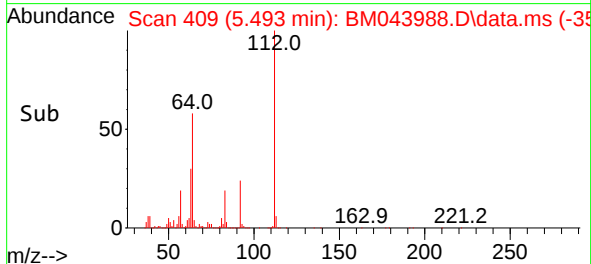
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2023



Tgt Ion: 112 Resp: 273444
Ion Ratio Lower Upper
112 100
64 58.3 46.6 70.0
63 30.2 24.2 36.4

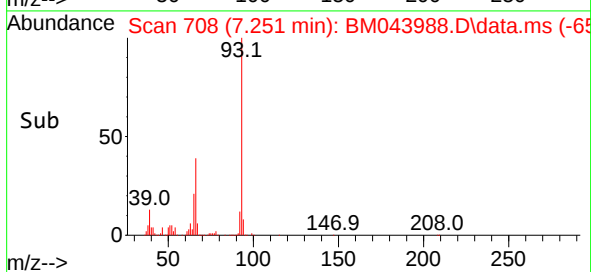
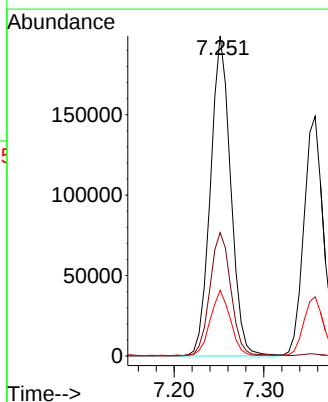
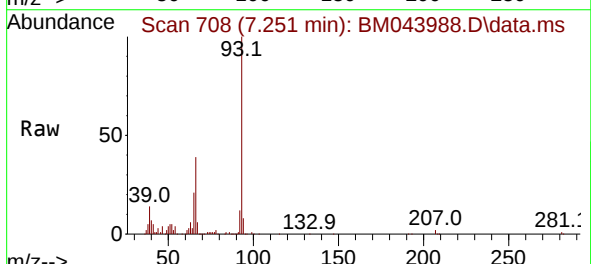
Manual Integrations
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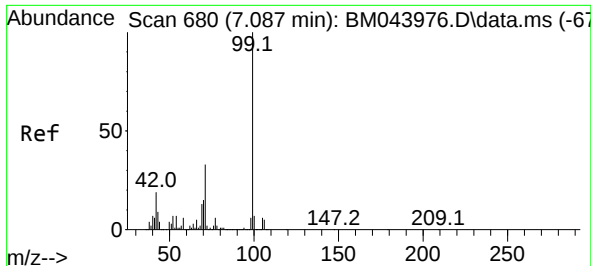
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#6
Aniline
Concen: 11.180 ng
RT: 7.251 min Scan# 708
Delta R.T. -0.000 min
Lab File: BM043988.D
Acq: 06 Feb 2024 12:50

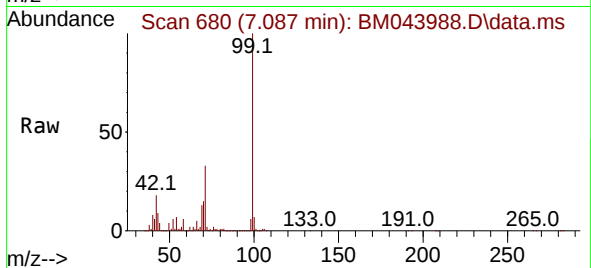
Tgt Ion: 93 Resp: 311341
Ion Ratio Lower Upper
93 100
66 38.5 32.2 48.2
65 20.5 15.8 23.8





#7
Phenol-d6
Concen: 134.860 ng
RT: 7.087 min Scan# 680
Delta R.T. -0.000 min
Lab File: BM043988.D
Acq: 06 Feb 2024 12:50

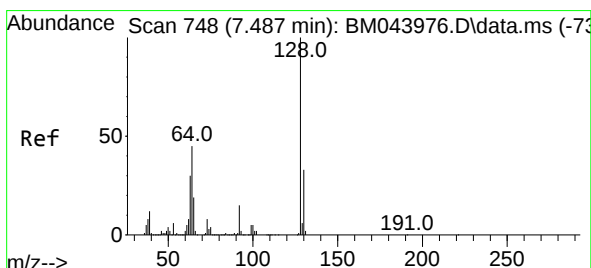
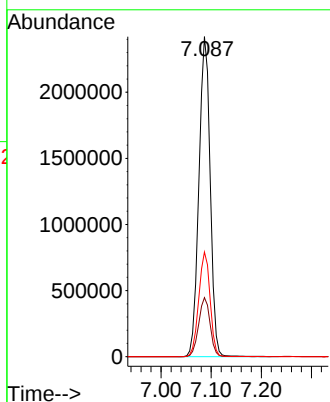
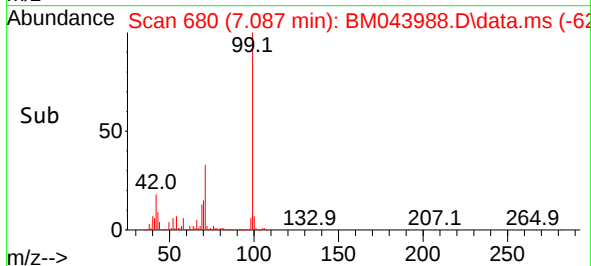
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2023



Tgt Ion: 99 Resp: 377444
Ion Ratio Lower Upper
99 100
42 18.5 14.9 22.3
71 32.7 26.3 39.5

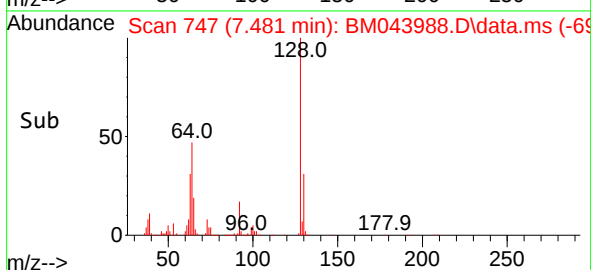
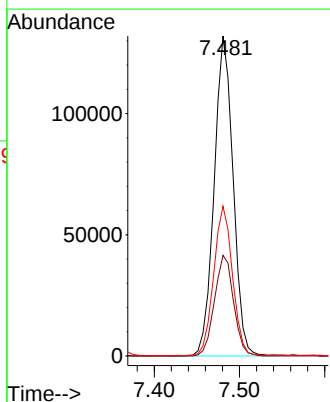
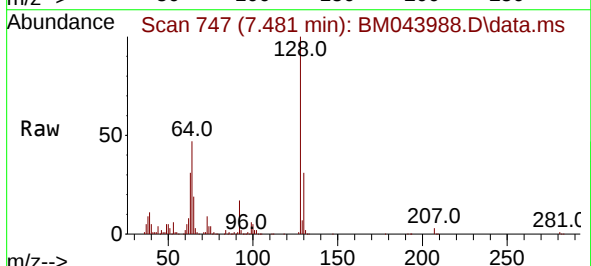
Manual Integrations
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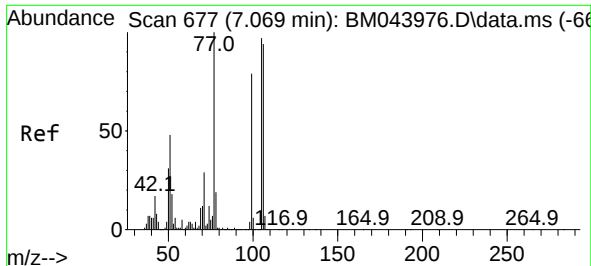
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#8
2-Chlorophenol
Concen: 9.724 ng
RT: 7.481 min Scan# 747
Delta R.T. -0.006 min
Lab File: BM043988.D
Acq: 06 Feb 2024 12:50

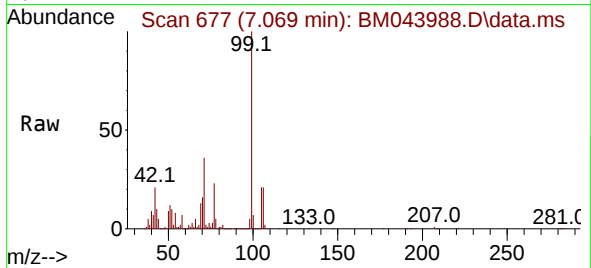
Tgt Ion:128 Resp: 204516
Ion Ratio Lower Upper
128 100
130 31.4 12.9 52.9
64 46.8 25.6 65.6





#9
Benzaldehyde
Concen: 12.807 ng
RT: 7.069 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM043988.D
Acq: 06 Feb 2024 12:50

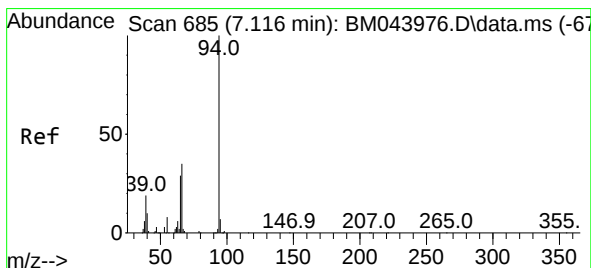
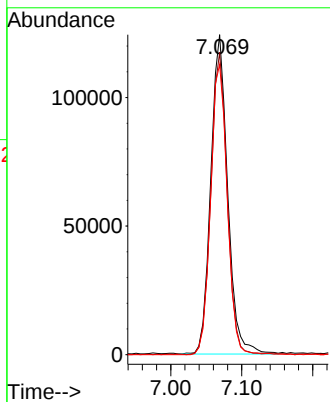
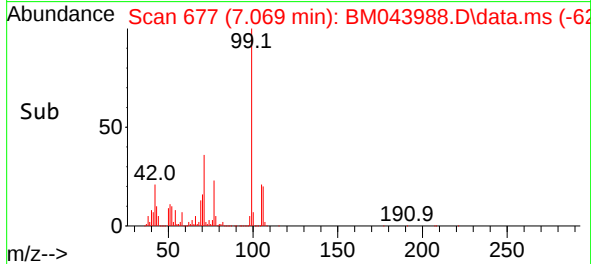
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2023



Tgt Ion: 77 Resp: 205415
Ion Ratio Lower Upper
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105 94.5 77.4 117.4
106 90.7 73.5 113.5

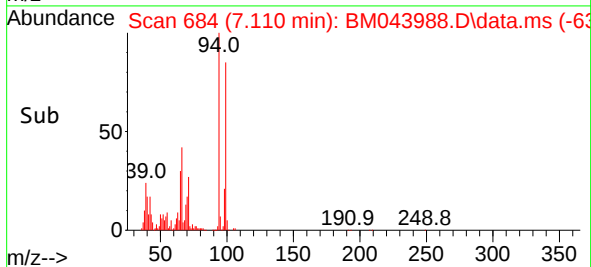
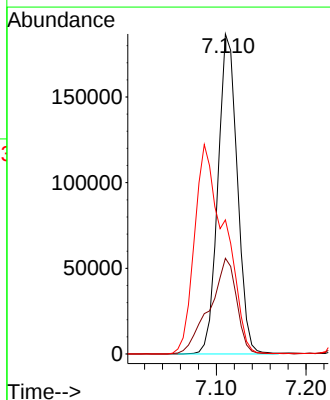
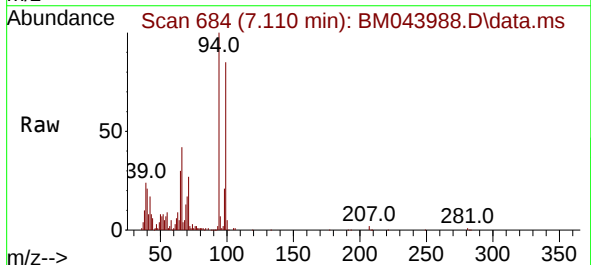
Manual Integrations
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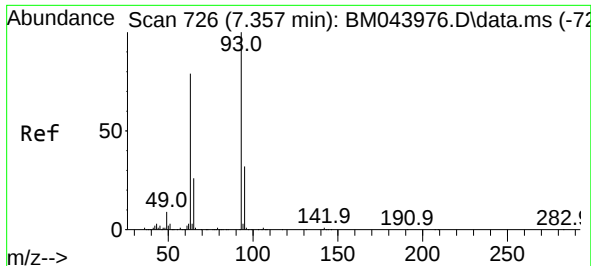
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#10
Phenol
Concen: 10.050 ng
RT: 7.110 min Scan# 684
Delta R.T. -0.006 min
Lab File: BM043988.D
Acq: 06 Feb 2024 12:50

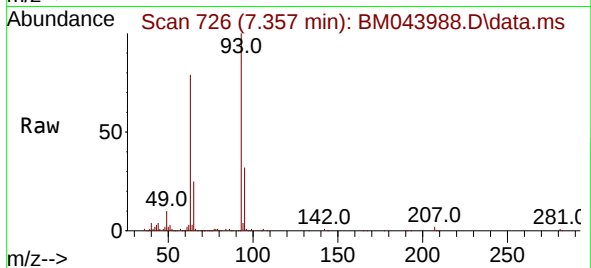
Tgt Ion: 94 Resp: 279672
Ion Ratio Lower Upper
94 100
65 29.9 9.3 49.3
66 41.9 15.7 55.7





#11
bis(2-Chloroethyl)ether
Concen: 10.364 ng
RT: 7.357 min Scan# 726
Delta R.T. -0.000 min
Lab File: BM043988.D
Acq: 06 Feb 2024 12:50

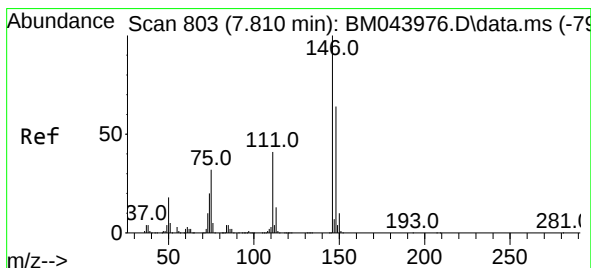
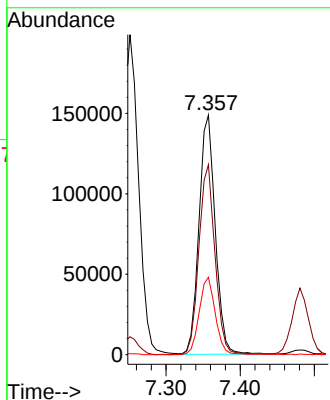
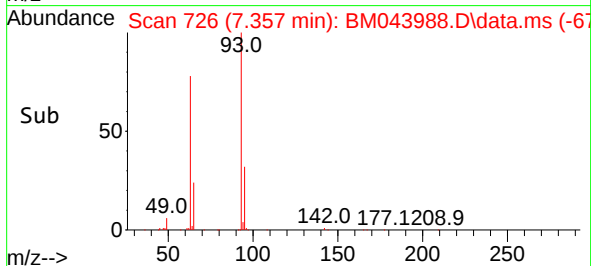
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2023



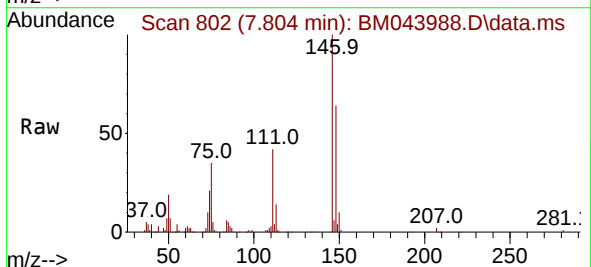
Tgt Ion: 93 Resp: 226052
Ion Ratio Lower Upper
93 100
63 79.3 59.0 99.0
95 32.3 11.9 51.9

Manual Integrations
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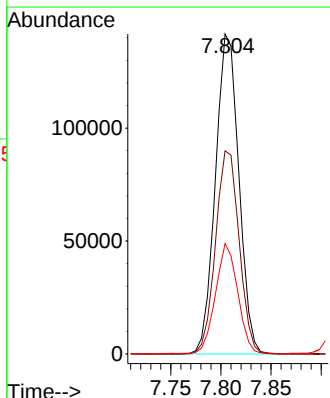
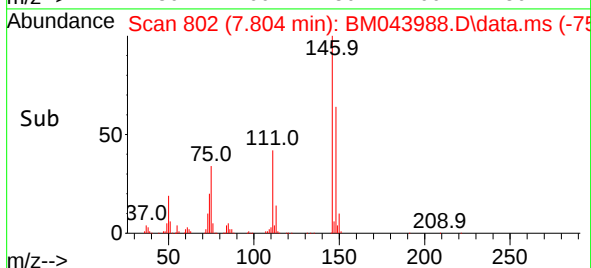
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024

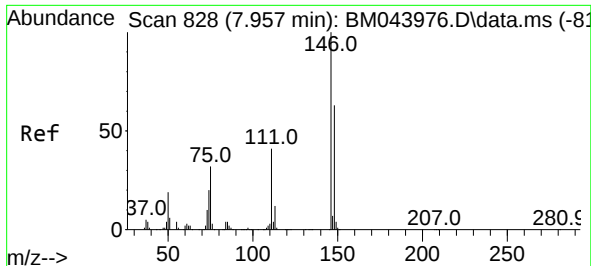


#12
1,3-Dichlorobenzene
Concen: 10.115 ng
RT: 7.804 min Scan# 802
Delta R.T. -0.006 min
Lab File: BM043988.D
Acq: 06 Feb 2024 12:50



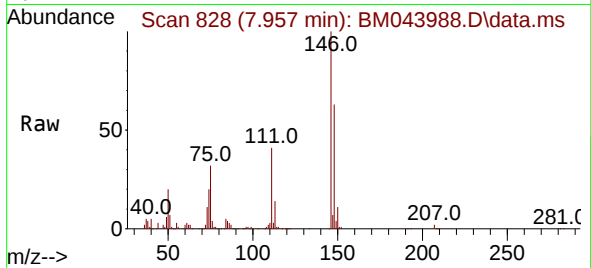
Tgt Ion:146 Resp: 229674
Ion Ratio Lower Upper
146 100
148 63.5 51.0 76.6
75 34.5 26.1 39.1





#13
1,4-Dichlorobenzene
Concen: 10.278 ng
RT: 7.957 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM043988.D
Acq: 06 Feb 2024 12:50

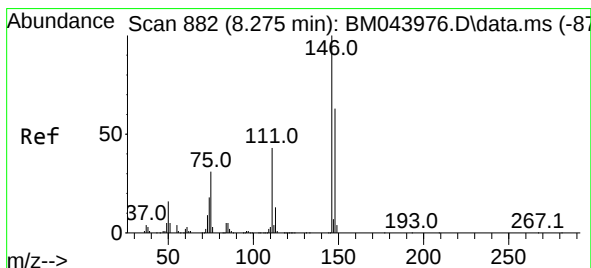
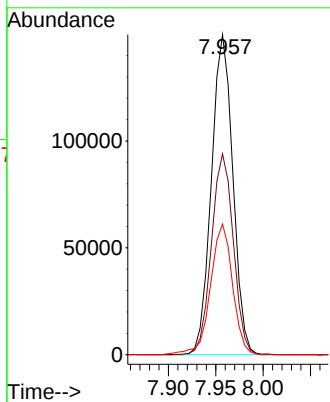
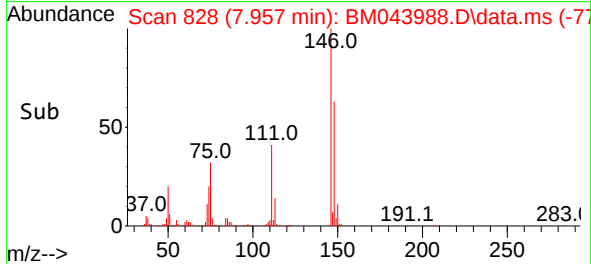
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2023



Tgt Ion:146 Resp: 236015
Ion Ratio Lower Upper
146 100
148 62.8 50.7 76.1
111 40.9 32.6 49.0

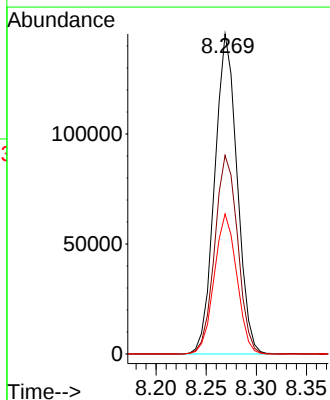
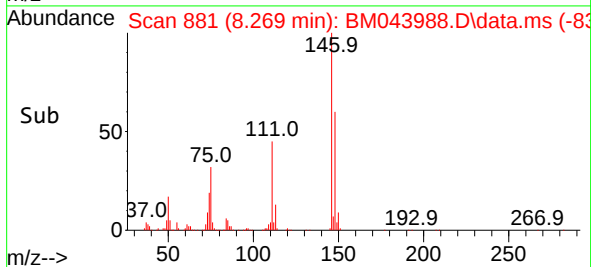
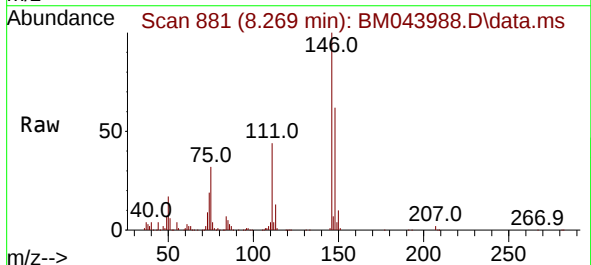
Manual Integrations
APPROVED

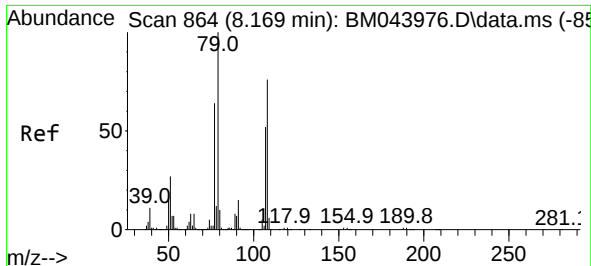
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#14
1,2-Dichlorobenzene
Concen: 10.002 ng
RT: 8.269 min Scan# 881
Delta R.T. -0.006 min
Lab File: BM043988.D
Acq: 06 Feb 2024 12:50

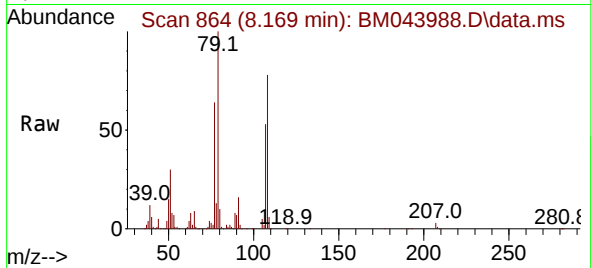
Tgt Ion:146 Resp: 226520
Ion Ratio Lower Upper
146 100
148 62.0 50.3 75.5
111 43.8 34.3 51.5





#15
Benzyl Alcohol
Concen: 9.835 ng
RT: 8.169 min Scan# 864
Delta R.T. -0.000 min
Lab File: BM043988.D
Acq: 06 Feb 2024 12:50

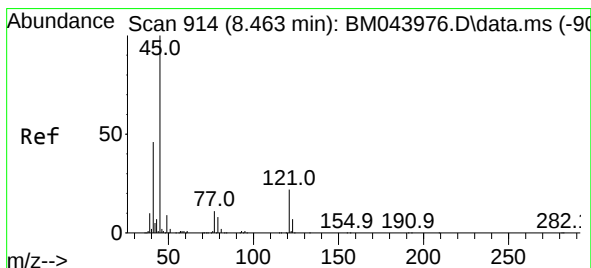
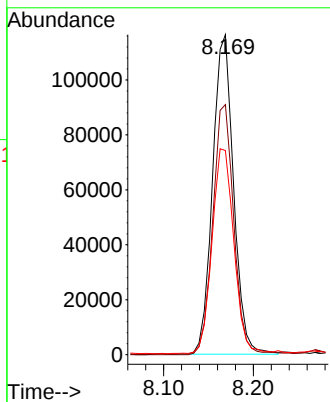
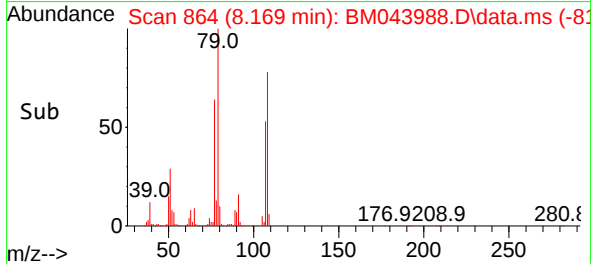
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2023



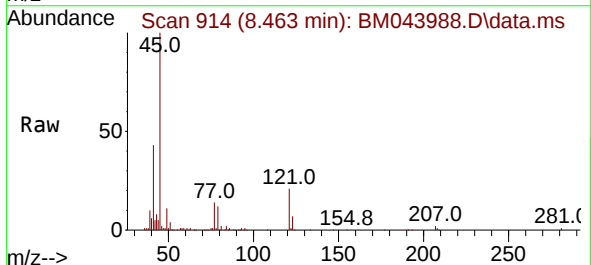
Tgt Ion: 79 Resp: 188672
Ion Ratio Lower Upper
79 100
108 78.1 60.7 91.1
77 63.8 50.9 76.3

Manual Integrations
APPROVED

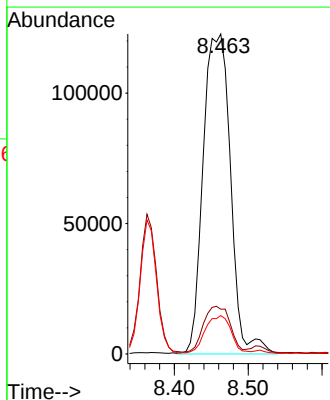
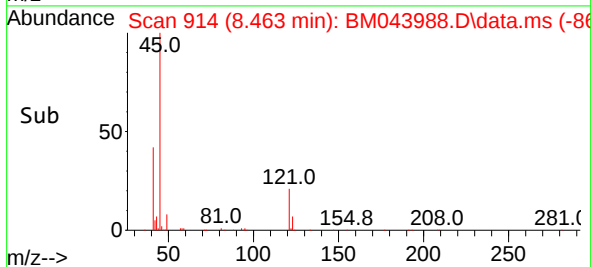
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024

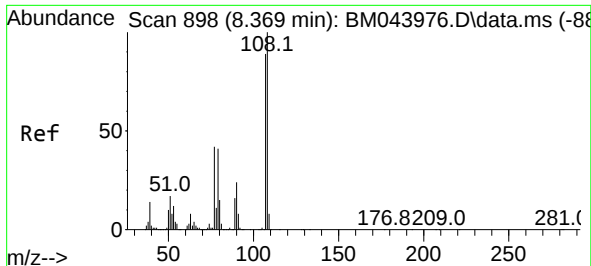


#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.818 ng m
RT: 8.463 min Scan# 914
Delta R.T. -0.000 min
Lab File: BM043988.D
Acq: 06 Feb 2024 12:50



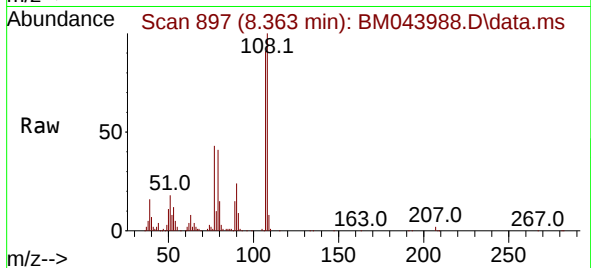
Tgt Ion: 45 Resp: 316399
Ion Ratio Lower Upper
45 100
77 14.0 0.0 34.4
79 12.0 0.0 31.2





#17
2-Methylphenol
Concen: 9.750 ng
RT: 8.363 min Scan# 898
Delta R.T. -0.006 min
Lab File: BM043988.D
Acq: 06 Feb 2024 12:50

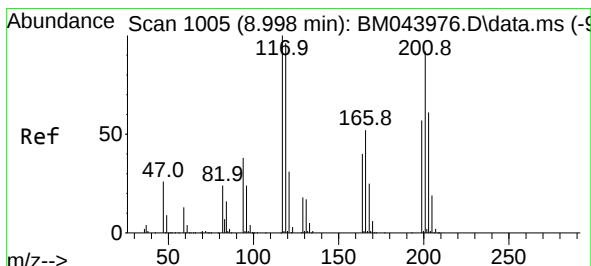
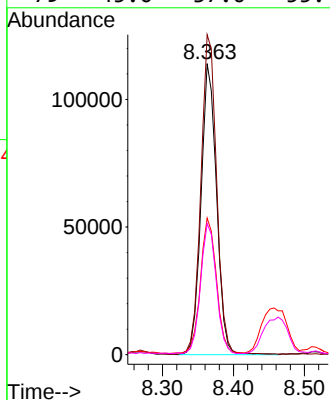
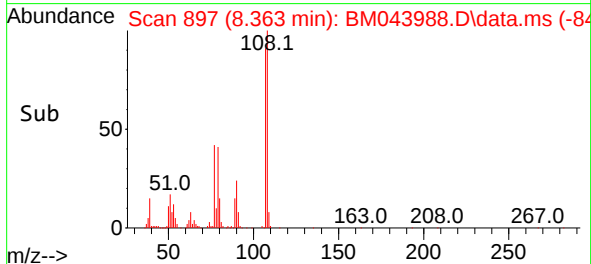
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2023



Tgt Ion:107 Resp: 173440
Ion Ratio Lower Upper
107 100
108 109.9 90.4 135.6
77 46.9 38.0 57.0
79 45.0 37.0 55.4

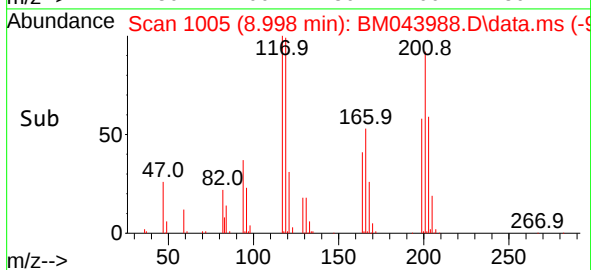
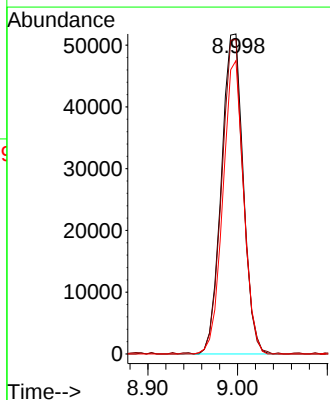
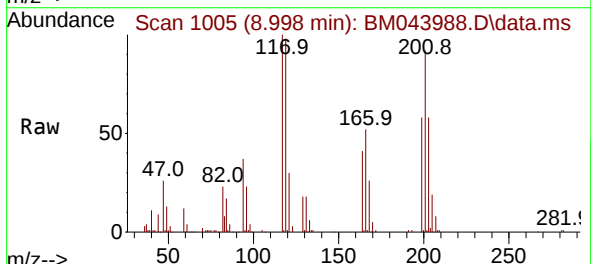
Manual Integrations
APPROVED

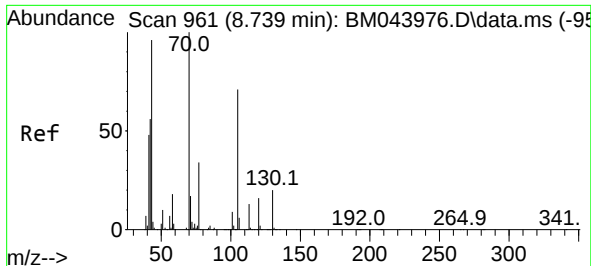
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#18
Hexachloroethane
Concen: 10.170 ng
RT: 8.998 min Scan# 1005
Delta R.T. -0.000 min
Lab File: BM043988.D
Acq: 06 Feb 2024 12:50

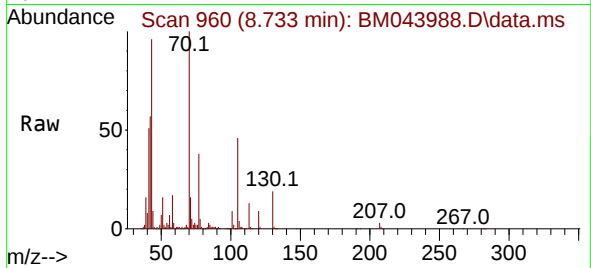
Tgt Ion:117 Resp: 87635
Ion Ratio Lower Upper
117 100
119 98.3 76.7 115.1
201 91.6 73.4 110.2





#19
n-Nitroso-di-n-propylamine
Concen: 10.071 ng
RT: 8.733 min Scan# 961
Delta R.T. -0.006 min
Lab File: BM043988.D
Acq: 06 Feb 2024 12:50

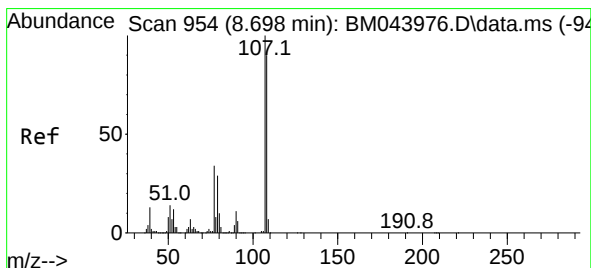
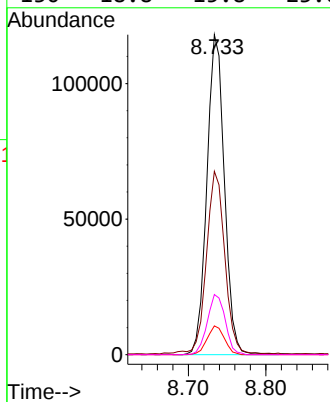
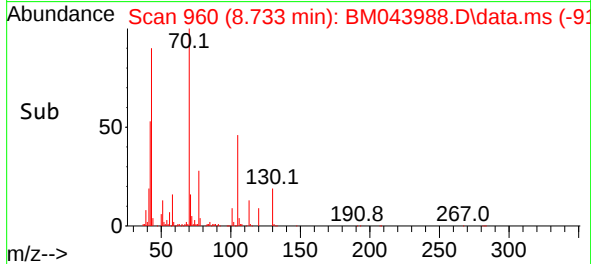
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2023



Tgt Ion: 70 Resp: 185478
Ion Ratio Lower Upper
70 100
42 57.3 45.6 68.4
101 9.0 7.5 11.3
130 18.8 15.8 23.6

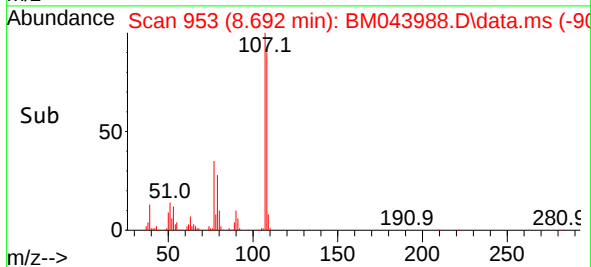
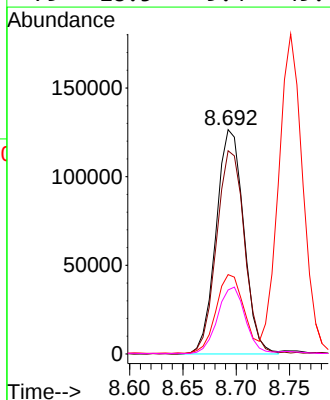
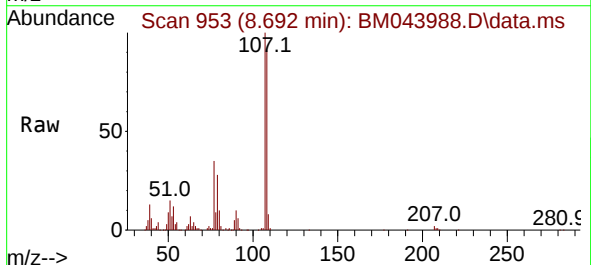
Manual Integrations
APPROVED

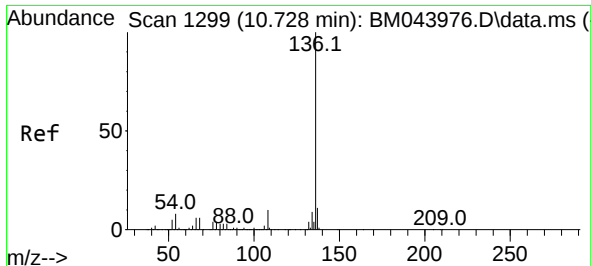
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#20
3+4-Methylphenols
Concen: 9.107 ng
RT: 8.692 min Scan# 953
Delta R.T. -0.006 min
Lab File: BM043988.D
Acq: 06 Feb 2024 12:50

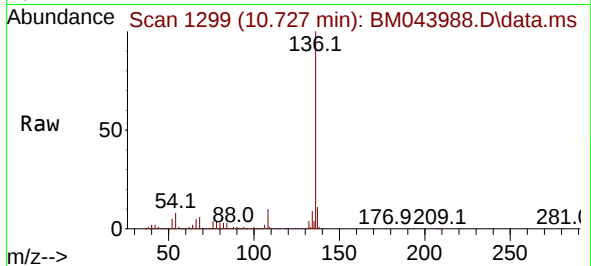
Tgt Ion:107 Resp: 228646
Ion Ratio Lower Upper
107 100
108 90.6 70.3 110.3
77 35.3 14.0 54.0
79 28.5 9.4 49.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.727 min Scan# 1299
Delta R.T. -0.001 min
Lab File: BM043988.D
Acq: 06 Feb 2024 12:50

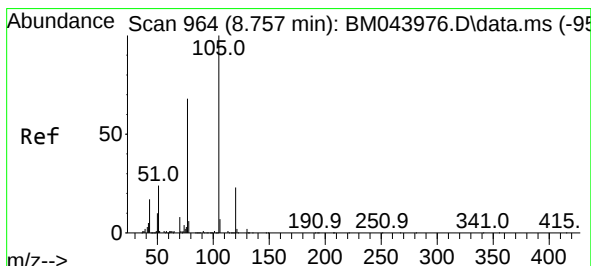
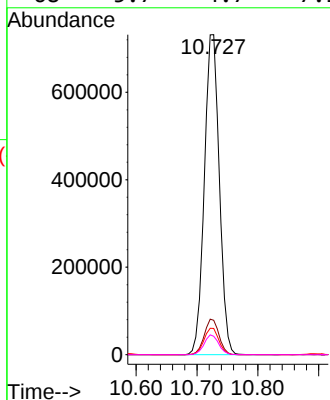
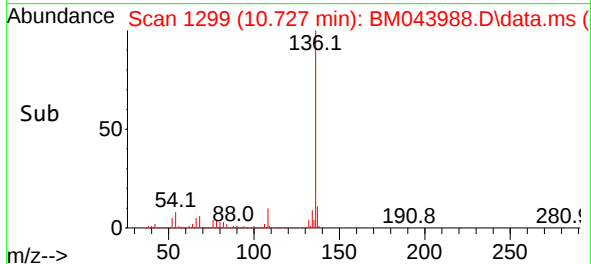
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2023



Tgt Ion:136 Resp: 1251738
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 8.2 6.5 9.7
68 5.7 4.7 7.1

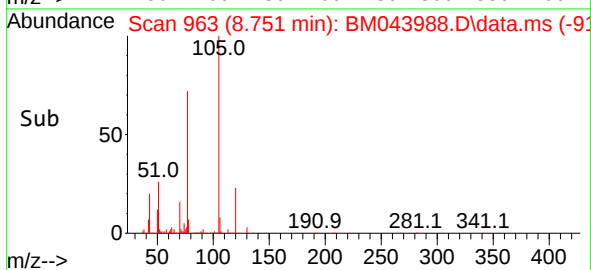
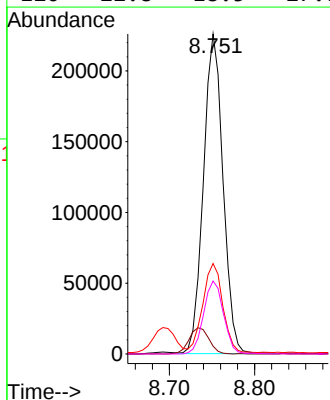
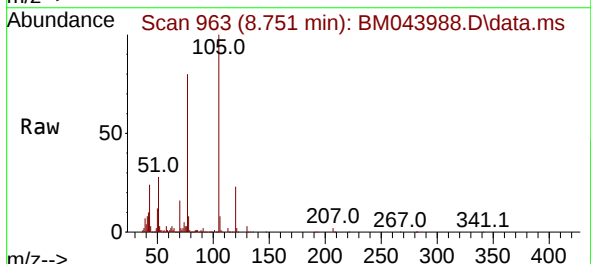
Manual Integrations
APPROVED

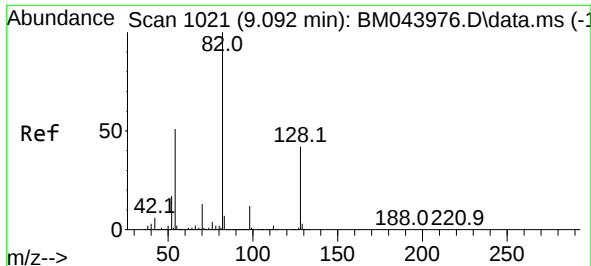
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#22
Acetophenone
Concen: 10.634 ng
RT: 8.751 min Scan# 963
Delta R.T. -0.006 min
Lab File: BM043988.D
Acq: 06 Feb 2024 12:50

Tgt Ion:105 Resp: 360680
Ion Ratio Lower Upper
105 100
71 2.5 1.6 2.4#
51 28.3 21.8 32.6
120 22.8 18.5 27.7





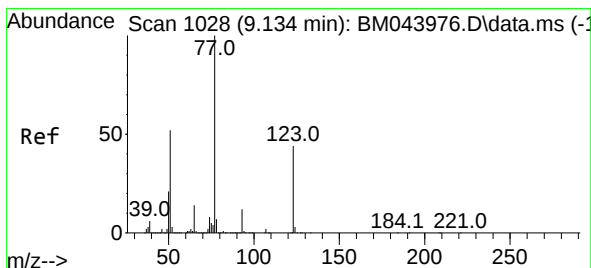
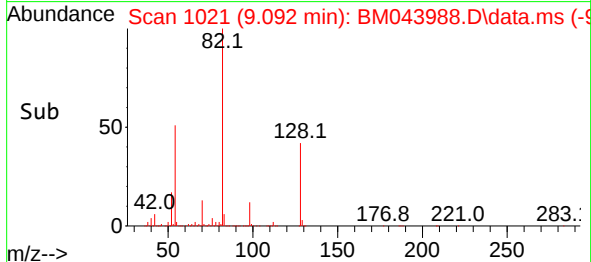
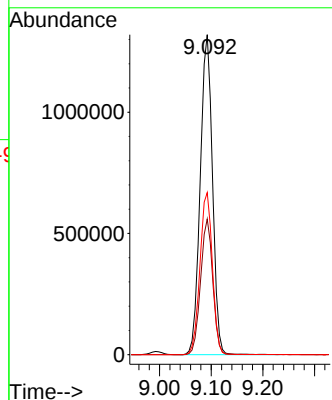
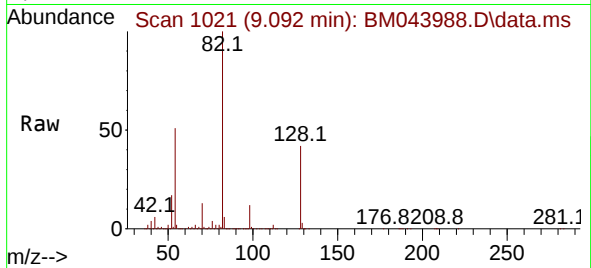
#23
Nitrobenzene-d5
Concen: 83.608 ng
RT: 9.092 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BM043988.D
Acq: 06 Feb 2024 12:50

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2023

Tgt Ion: 82 Resp: 2171025
Ion Ratio Lower Upper
82 100
128 42.4 33.9 50.9
54 50.6 41.1 61.7

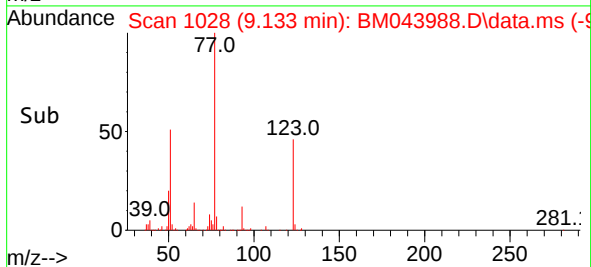
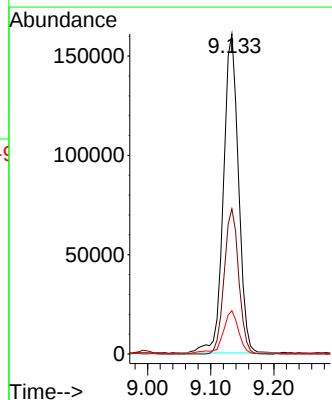
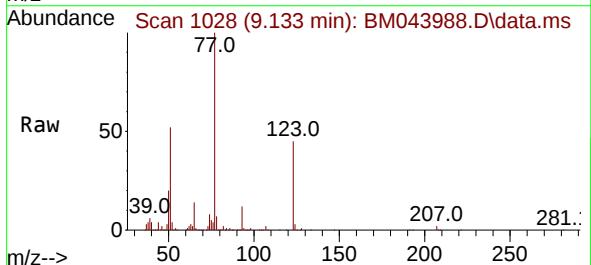
Manual Integrations
APPROVED

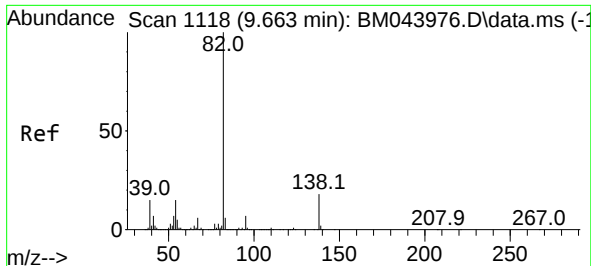
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#24
Nitrobenzene
Concen: 10.249 ng
RT: 9.133 min Scan# 1028
Delta R.T. -0.000 min
Lab File: BM043988.D
Acq: 06 Feb 2024 12:50

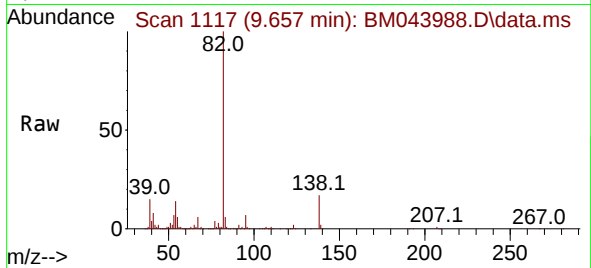
Tgt Ion: 77 Resp: 267026
Ion Ratio Lower Upper
77 100
123 45.3 35.3 52.9
65 13.5 10.9 16.3





#25
Isophorone
Concen: 10.031 ng
RT: 9.657 min Scan# 1117
Delta R.T. -0.006 min
Lab File: BM043988.D
Acq: 06 Feb 2024 12:50

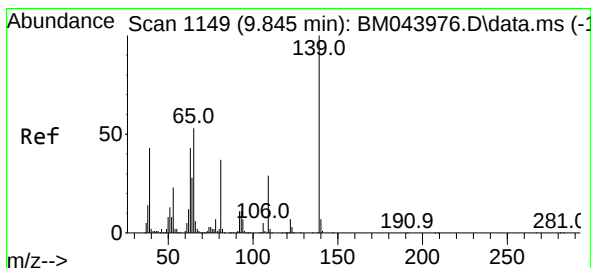
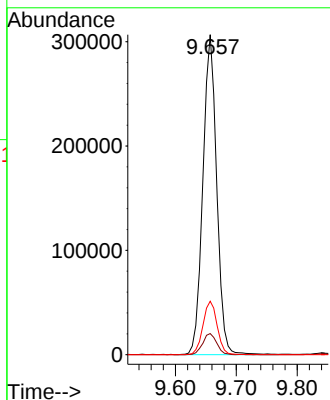
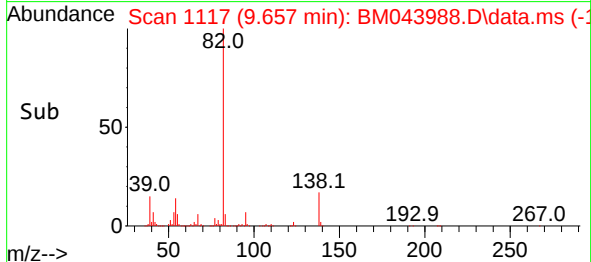
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2023



Tgt Ion: 82 Resp: 48486
Ion Ratio Lower Upper
82 100
95 6.6 5.6 8.4
138 16.7 14.2 21.2

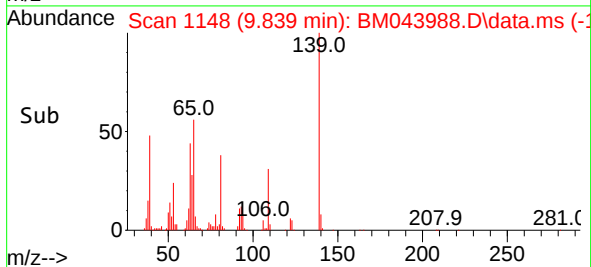
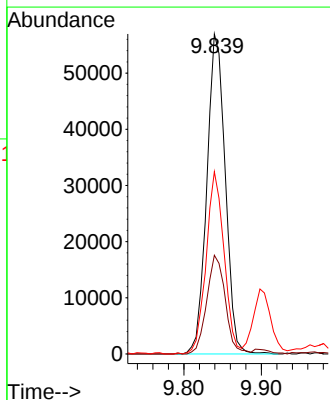
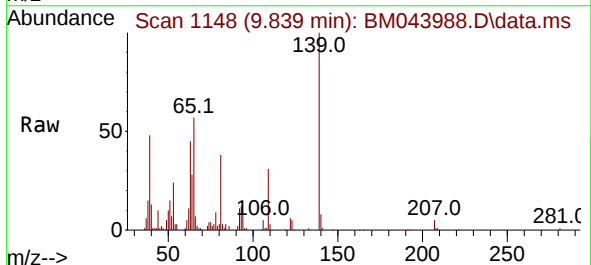
Manual Integrations
APPROVED

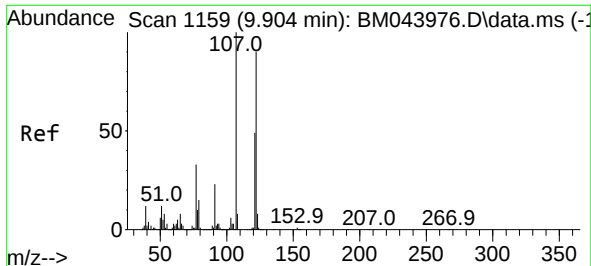
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#26
2-Nitrophenol
Concen: 8.946 ng
RT: 9.839 min Scan# 1148
Delta R.T. -0.006 min
Lab File: BM043988.D
Acq: 06 Feb 2024 12:50

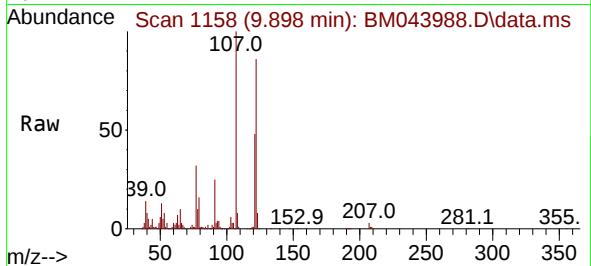
Tgt Ion:139 Resp: 94203
Ion Ratio Lower Upper
139 100
109 30.8 23.3 34.9
65 57.0 42.5 63.7





#27
2,4-Dimethylphenol
Concen: 11.066 ng
RT: 9.898 min Scan# 1158
Delta R.T. -0.006 min
Lab File: BM043988.D
Acq: 06 Feb 2024 12:50

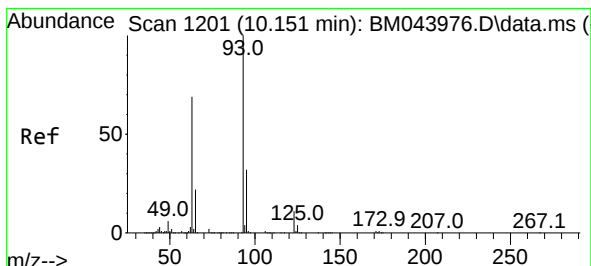
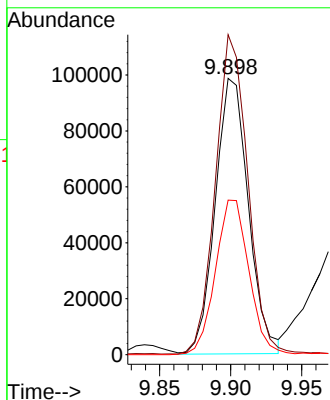
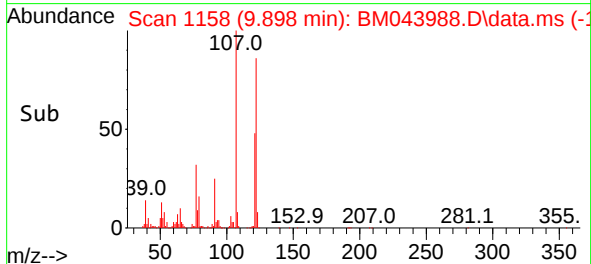
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2023



Tgt Ion:122 Resp: 15999
Ion Ratio Lower Upper
122 100
107 115.8 89.0 133.4
121 56.0 43.4 65.0

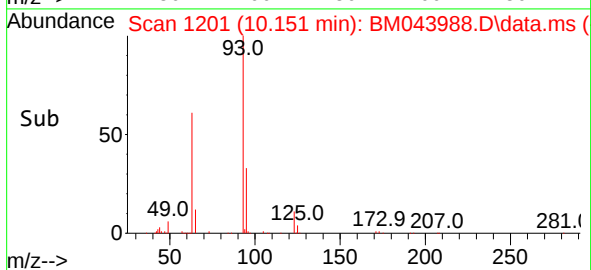
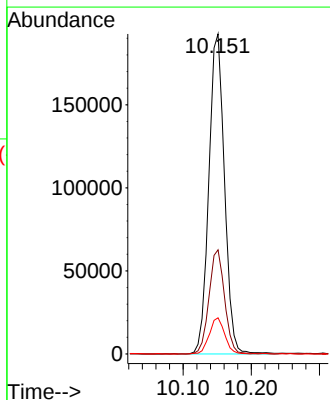
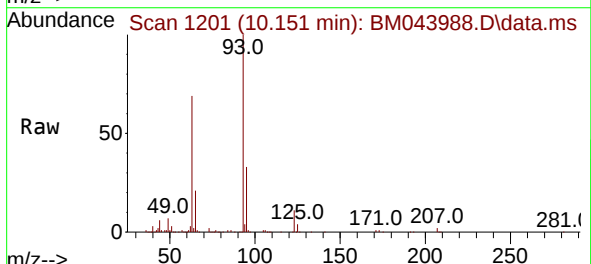
Manual Integrations
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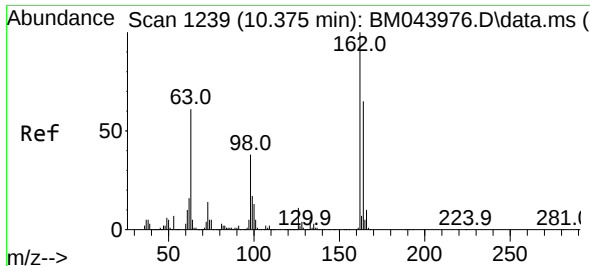
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#28
bis(2-Chloroethoxy)methane
Concen: 10.431 ng
RT: 10.151 min Scan# 1201
Delta R.T. -0.000 min
Lab File: BM043988.D
Acq: 06 Feb 2024 12:50

Tgt Ion: 93 Resp: 307908
Ion Ratio Lower Upper
93 100
95 32.5 25.9 38.9
123 11.3 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 9.655 ng

RT: 10.369 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BM043988.D

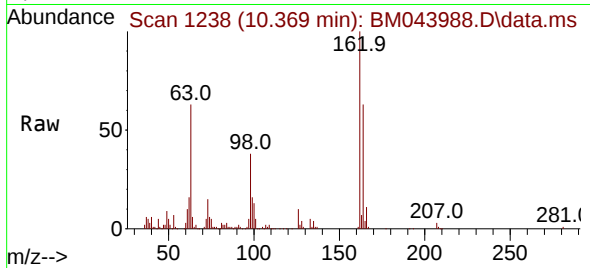
Acq: 06 Feb 2024 12:50

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2023



Tgt Ion:162 Resp: 17804

Ion Ratio Lower Upper

162 100

164 62.8 45.1 85.1

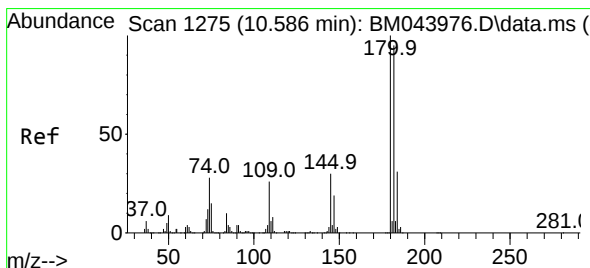
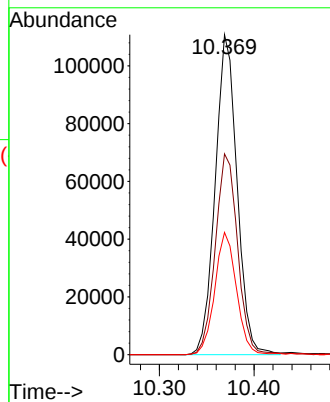
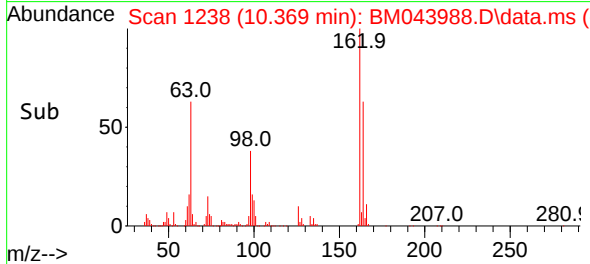
98 38.2 17.8 57.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024

Supervised By :mohammad ahmed 02/08/2024



#30

1,2,4-Trichlorobenzene

Concen: 10.076 ng

RT: 10.586 min Scan# 1275

Delta R.T. -0.000 min

Lab File: BM043988.D

Acq: 06 Feb 2024 12:50

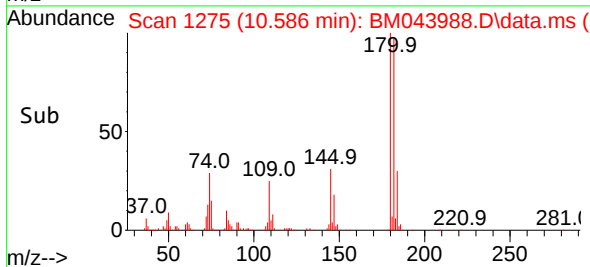
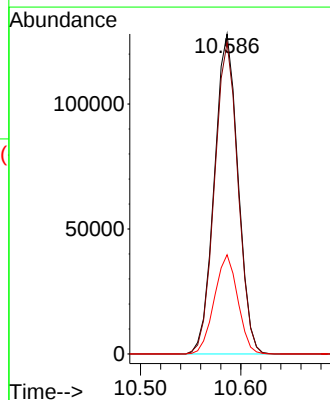
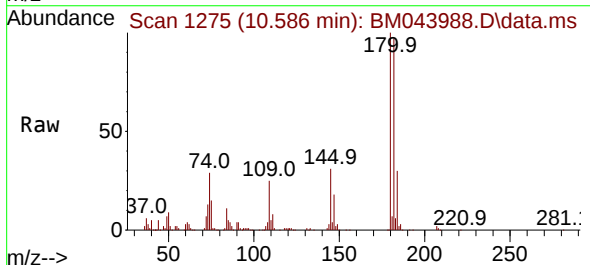
Tgt Ion:180 Resp: 209876

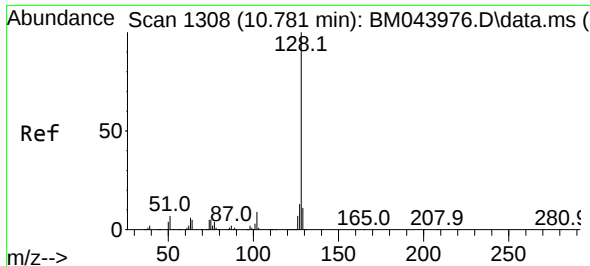
Ion Ratio Lower Upper

180 100

182 97.3 76.0 114.0

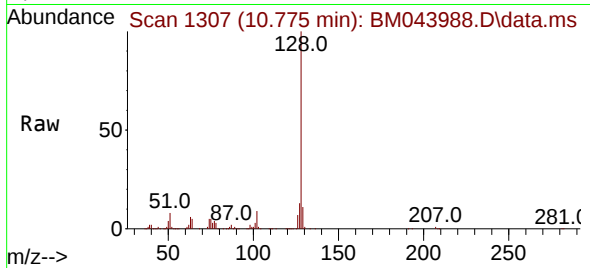
145 31.0 24.2 36.2





#31
Naphthalene
Concen: 10.175 ng
RT: 10.775 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM043988.D
Acq: 06 Feb 2024 12:50

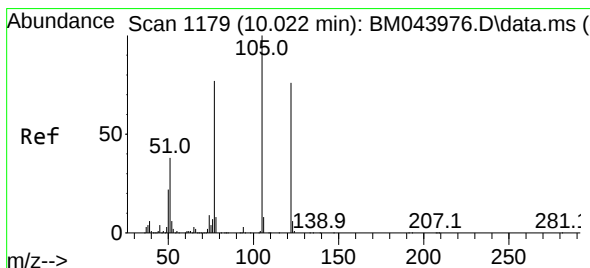
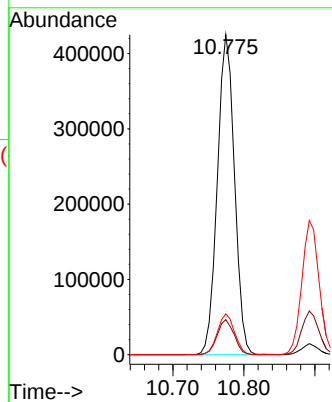
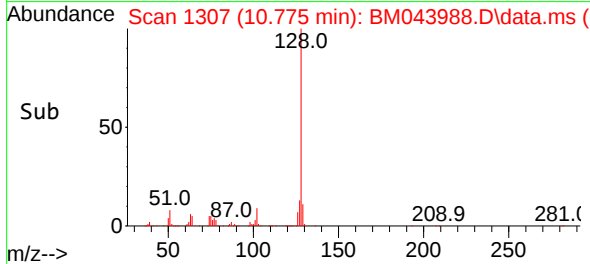
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2023



Tgt Ion:128 Resp: 709894
Ion Ratio Lower Upper
128 100
129 10.9 8.4 12.6
127 12.8 10.1 15.1

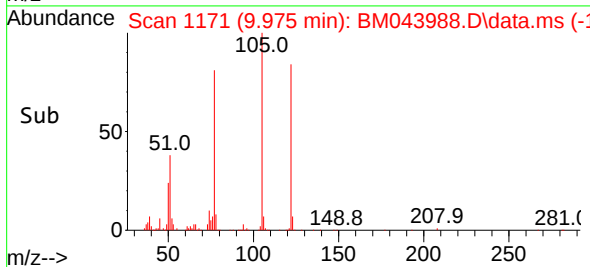
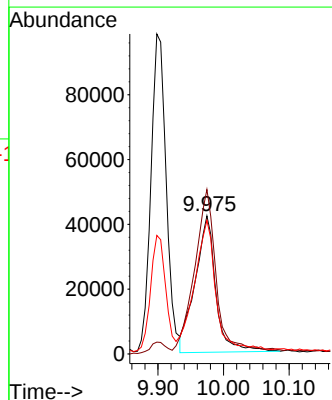
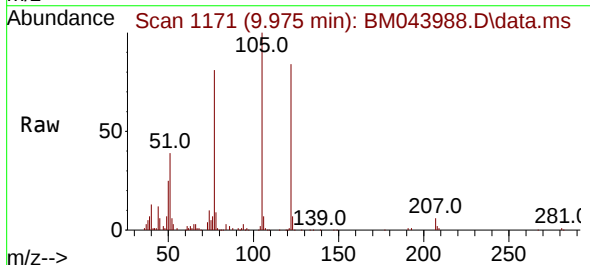
Manual Integrations
APPROVED

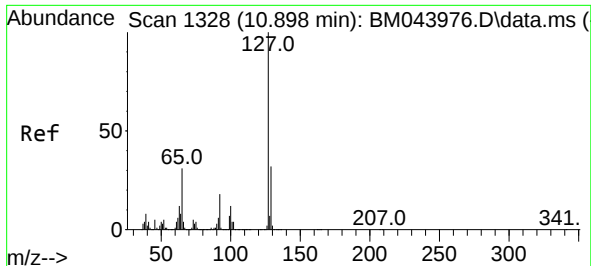
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#32
Benzoic acid
Concen: 11.679 ng
RT: 9.975 min Scan# 1171
Delta R.T. -0.047 min
Lab File: BM043988.D
Acq: 06 Feb 2024 12:50

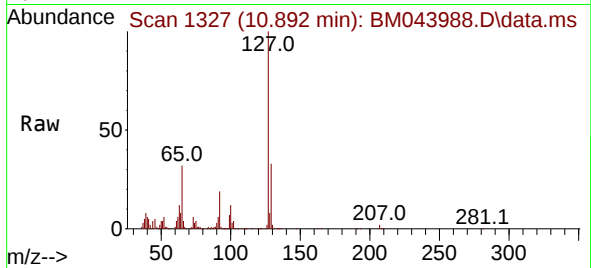
Tgt Ion:122 Resp: 92413
Ion Ratio Lower Upper
122 100
105 119.1 109.4 149.4
77 96.8 80.5 120.5





#33
4-Chloroaniline
Concen: 10.486 ng
RT: 10.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BM043988.D
Acq: 06 Feb 2024 12:50

Instrument : BNA_M
ClientSampleId : LOQ-WATER-02-QT3-2023

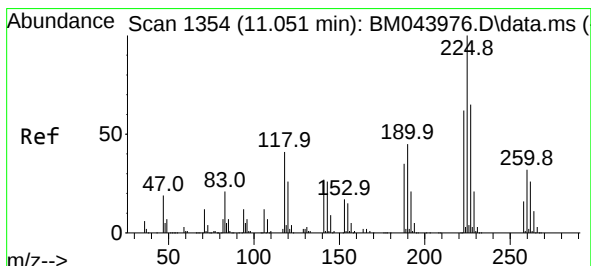
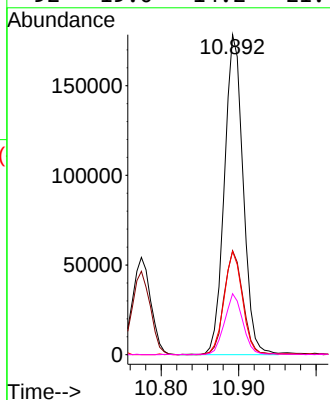
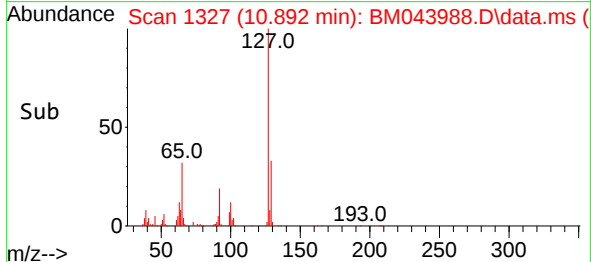


Tgt Ion:127 Resp: 300718

Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.6	38.4
65	32.3	24.5	36.7
92	19.0	14.2	21.4

Manual Integrations
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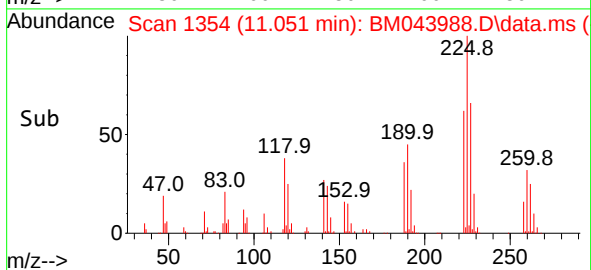
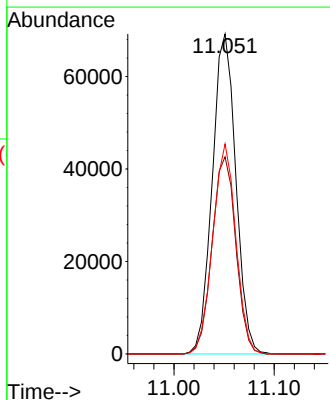
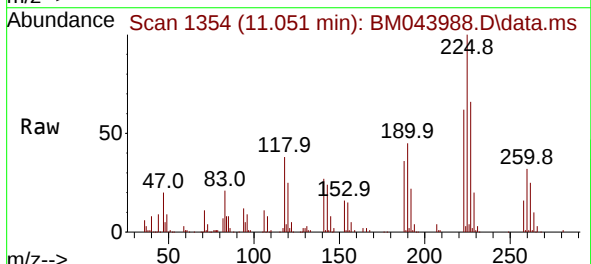
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024

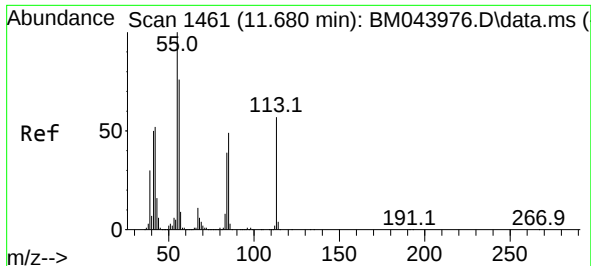


#34
Hexachlorobutadiene
Concen: 9.939 ng
RT: 11.051 min Scan# 1354
Delta R.T. -0.000 min
Lab File: BM043988.D
Acq: 06 Feb 2024 12:50

Tgt Ion:225 Resp: 112899

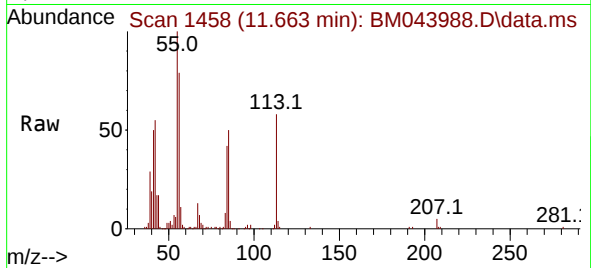
Ion	Ratio	Lower	Upper
225	100		
223	61.6	49.8	74.8
227	65.7	51.7	77.5





#35
Caprolactam
Concen: 8.918 ng
RT: 11.663 min Scan# 1461
Delta R.T. -0.018 min
Lab File: BM043988.D
Acq: 06 Feb 2024 12:50

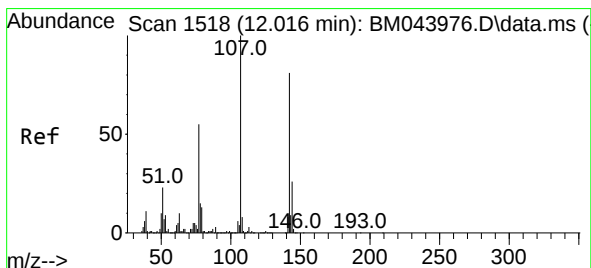
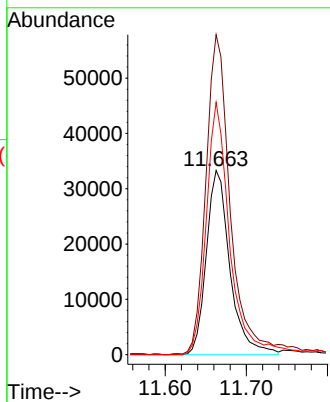
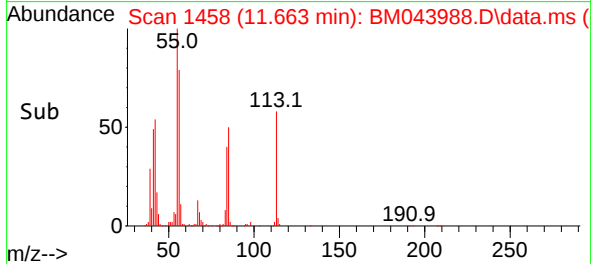
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2023



Tgt Ion:113 Resp: 67439
Ion Ratio Lower Upper
113 100
55 173.8 154.3 194.3
56 137.0 112.2 152.2

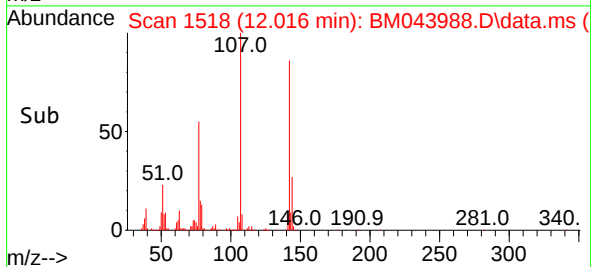
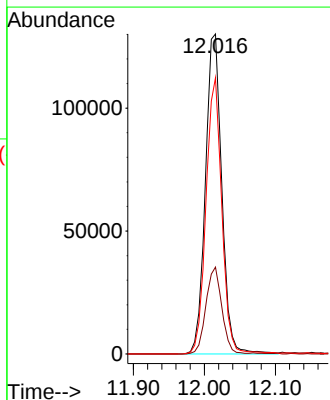
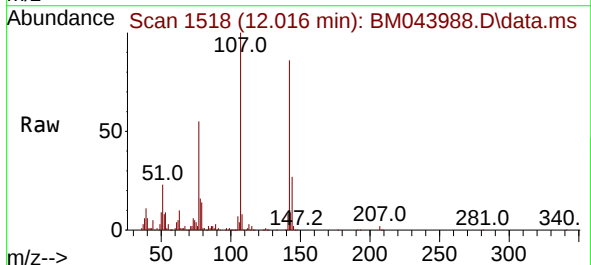
Manual Integrations
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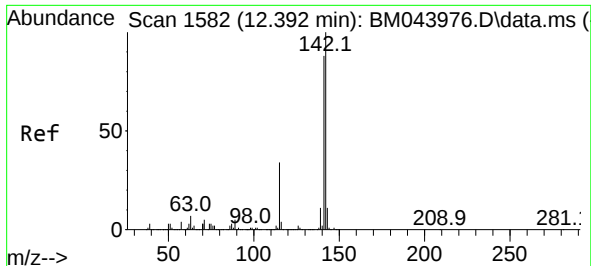
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#36
4-Chloro-3-methylphenol
Concen: 9.257 ng
RT: 12.016 min Scan# 1518
Delta R.T. -0.000 min
Lab File: BM043988.D
Acq: 06 Feb 2024 12:50

Tgt Ion:107 Resp: 209039
Ion Ratio Lower Upper
107 100
144 27.1 21.1 31.7
142 86.3 65.0 97.4





#37

2-Methylnaphthalene

Concen: 9.874 ng

RT: 12.386 min Scan# 1581

Delta R.T. -0.006 min

Lab File: BM043988.D

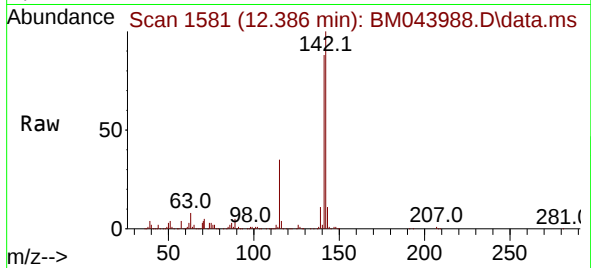
Acq: 06 Feb 2024 12:50

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2023

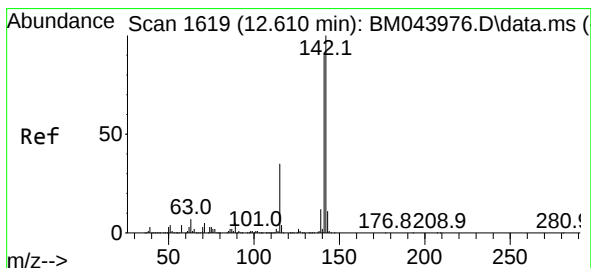
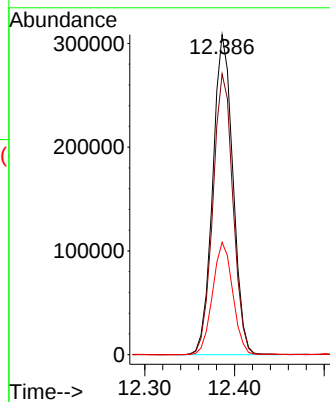
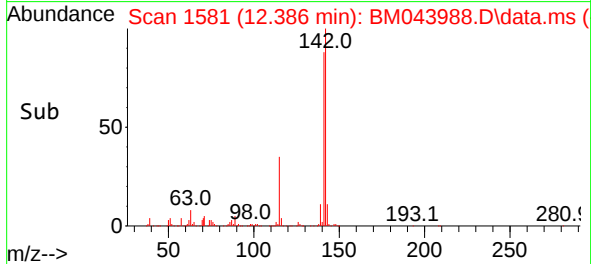


Tgt Ion:	142	Resp:	48040
Ion Ratio	Lower	Upper	
142	100		
141	87.8	70.2	105.2
115	35.1	27.2	40.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#38

1-Methylnaphthalene

Concen: 9.724 ng

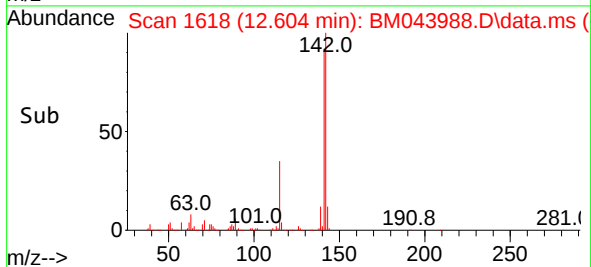
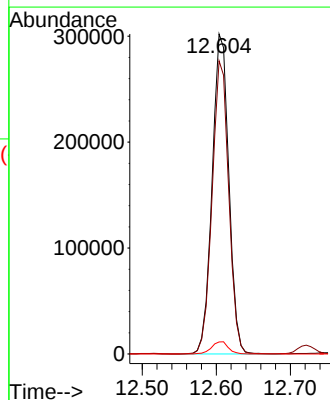
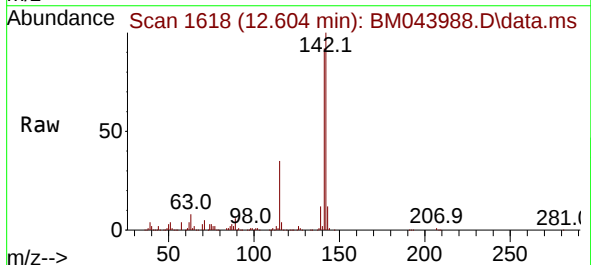
RT: 12.604 min Scan# 1618

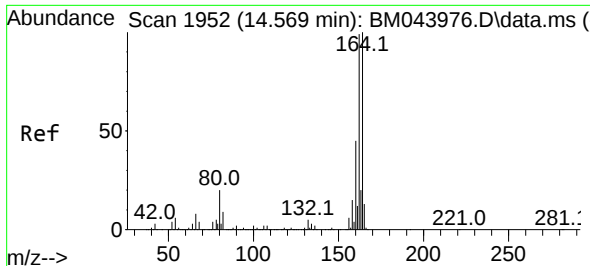
Delta R.T. -0.006 min

Lab File: BM043988.D

Acq: 06 Feb 2024 12:50

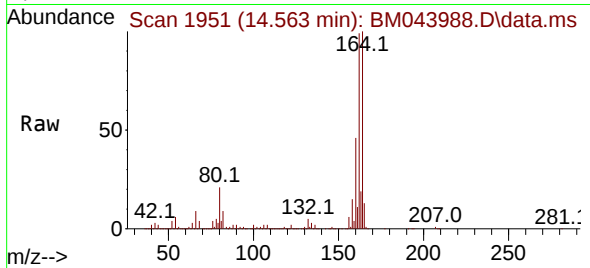
Tgt Ion:	142	Resp:	472316
Ion Ratio	Lower	Upper	
142	100		
141	91.6	72.1	108.1
116	3.8	2.9	4.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BM043988.D
Acq: 06 Feb 2024 12:50

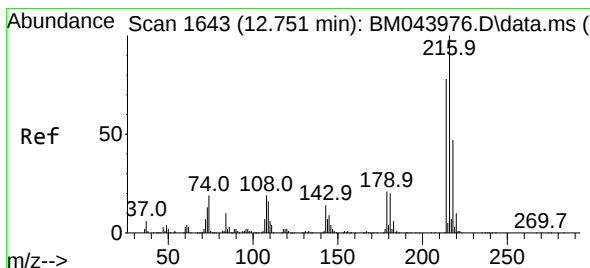
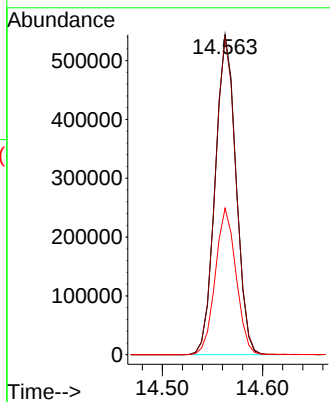
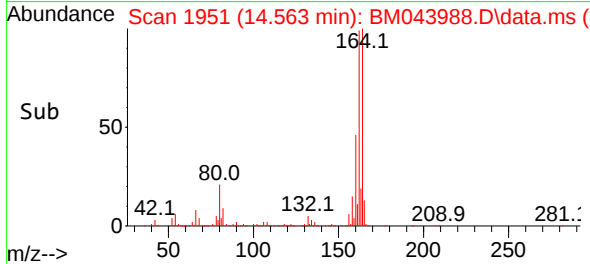
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2023



Tgt Ion:164 Resp: 780760
Ion Ratio Lower Upper
164 100
162 99.0 79.0 118.4
160 45.8 35.8 53.8

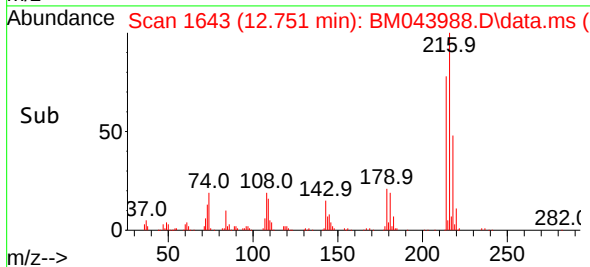
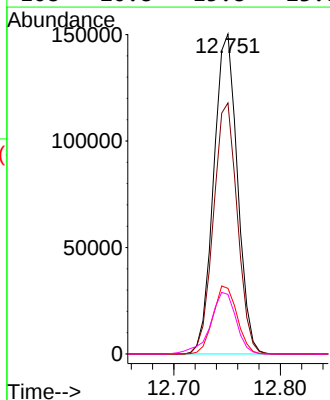
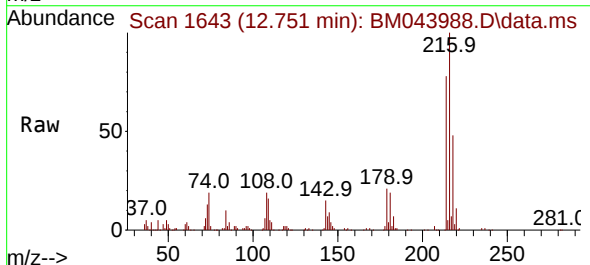
Manual Integrations
APPROVED

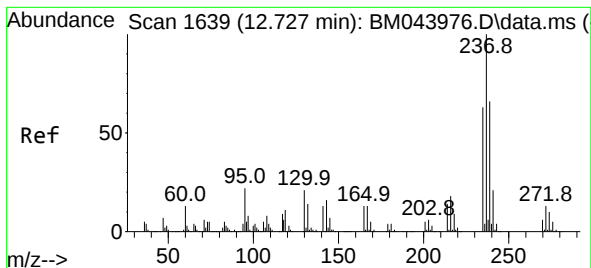
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 10.487 ng
RT: 12.751 min Scan# 1643
Delta R.T. -0.000 min
Lab File: BM043988.D
Acq: 06 Feb 2024 12:50

Tgt Ion:216 Resp: 232219
Ion Ratio Lower Upper
216 100
214 78.8 62.6 94.0
179 21.5 16.7 25.1
108 20.8 15.8 23.8





#41

Hexachlorocyclopentadiene

Concen: 12.669 ng

RT: 12.721 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM043988.D

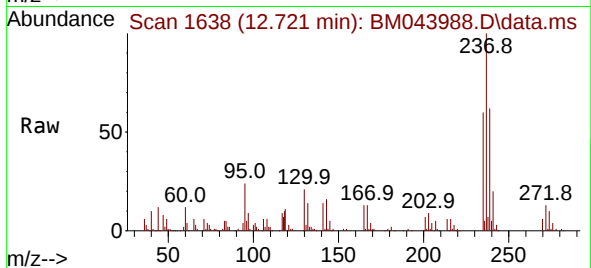
Acq: 06 Feb 2024 12:50

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2023

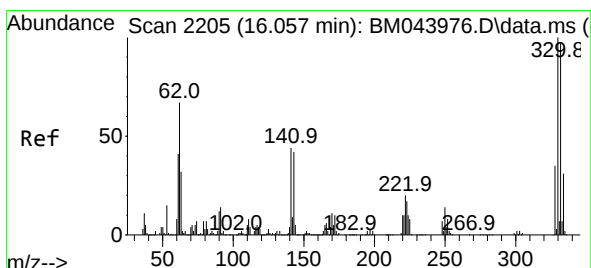
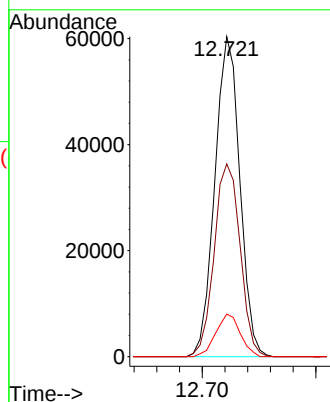
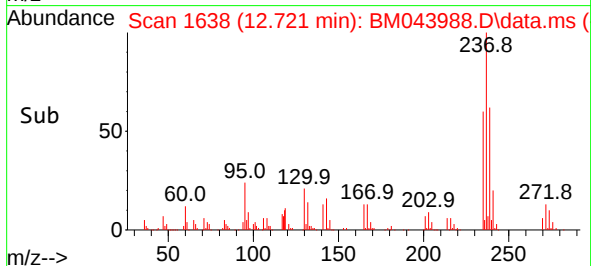


Tgt Ion:	237	Resp:	92260
Ion Ratio	Lower	Upper	
237	100		
235	60.2	43.5	83.5
272	13.3	0.0	33.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#42

2,4,6-Tribromophenol

Concen: 141.429 ng

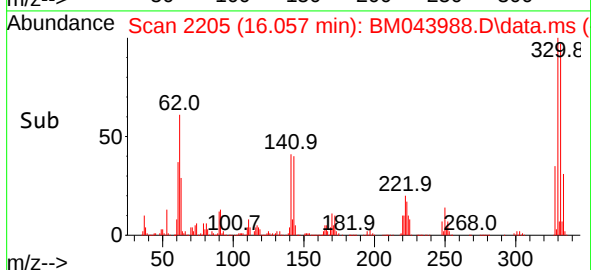
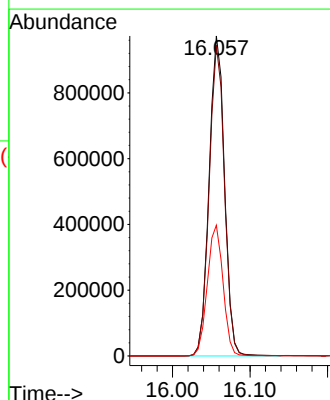
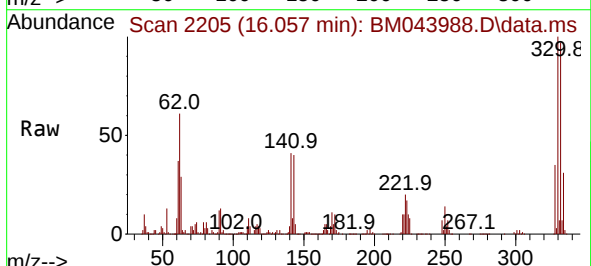
RT: 16.057 min Scan# 2205

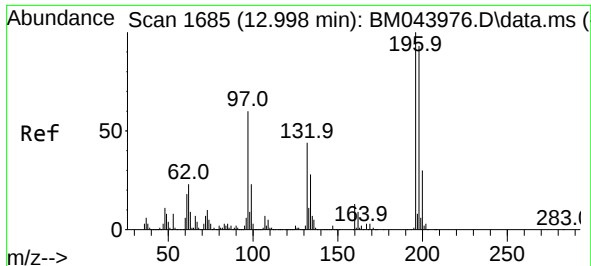
Delta R.T. -0.000 min

Lab File: BM043988.D

Acq: 06 Feb 2024 12:50

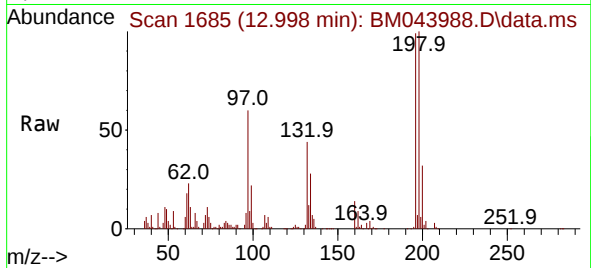
Tgt Ion:	330	Resp:	1346039
Ion Ratio	Lower	Upper	
330	100		
332	96.5	77.6	116.4
141	41.6	33.5	50.3





#43
2,4,6-Trichlorophenol
Concen: 9.289 ng
RT: 12.998 min Scan# 1685
Delta R.T. -0.000 min
Lab File: BM043988.D
Acq: 06 Feb 2024 12:50

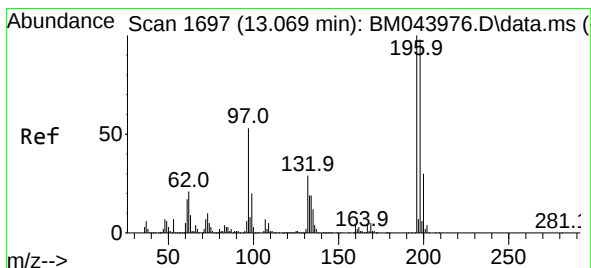
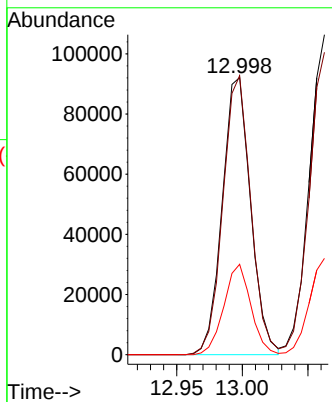
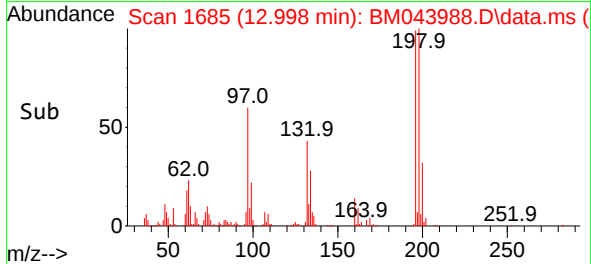
Instrument : BNA_M
ClientSampleId : LOQ-WATER-02-QT3-2023



Tgt Ion:196 Resp: 139008
Ion Ratio Lower Upper
196 100
198 100.7 74.2 111.2
200 32.6 23.8 35.8

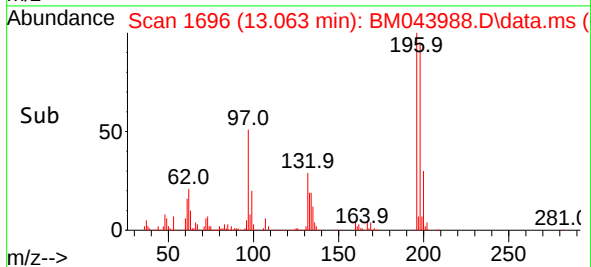
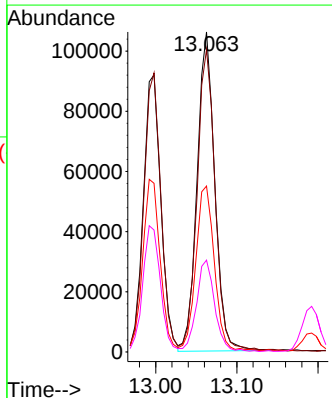
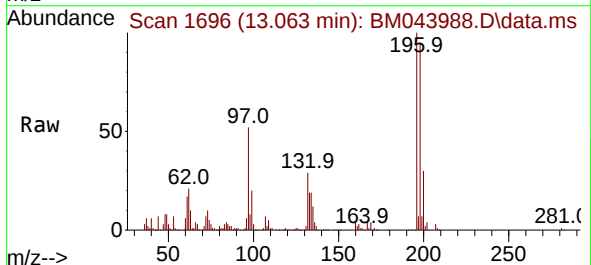
Manual Integrations
APPROVED

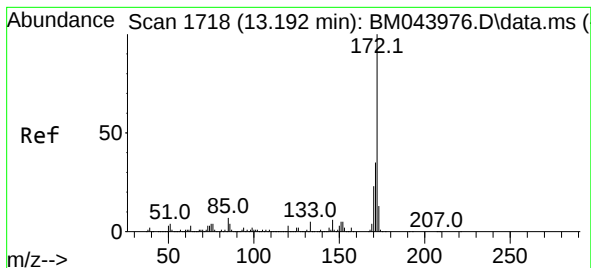
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#44
2,4,5-Trichlorophenol
Concen: 9.434 ng
RT: 13.063 min Scan# 1696
Delta R.T. -0.006 min
Lab File: BM043988.D
Acq: 06 Feb 2024 12:50

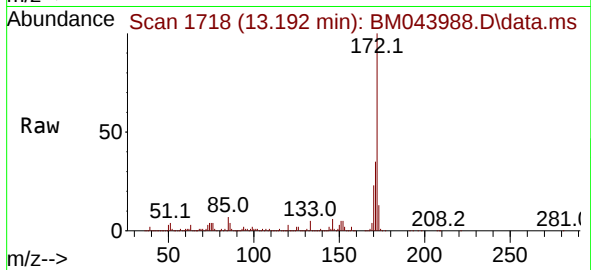
Tgt Ion:196 Resp: 161075
Ion Ratio Lower Upper
196 100
198 94.5 78.1 117.1
97 51.8 42.2 63.2
132 28.7 23.2 34.8





#45
2-Fluorobiphenyl
Concen: 85.127 ng
RT: 13.192 min Scan# 1718
Delta R.T. 0.000 min
Lab File: BM043988.D
Acq: 06 Feb 2024 12:50

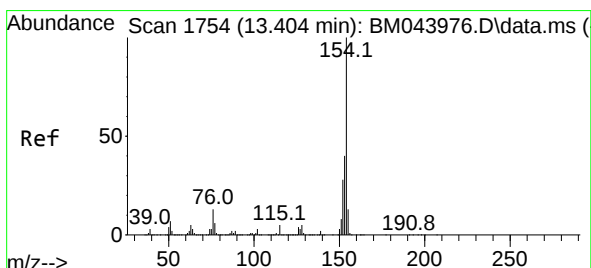
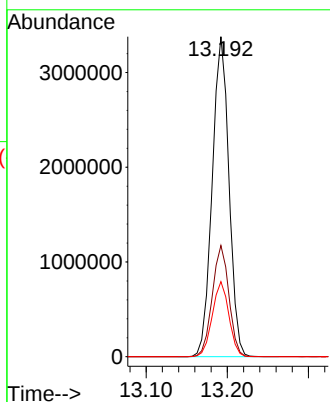
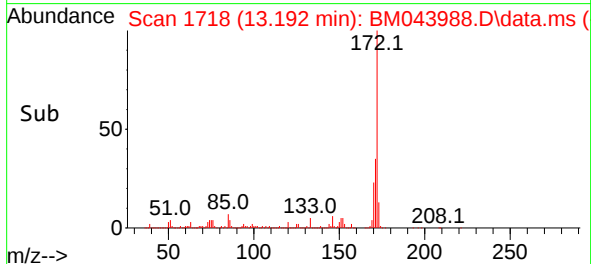
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2023



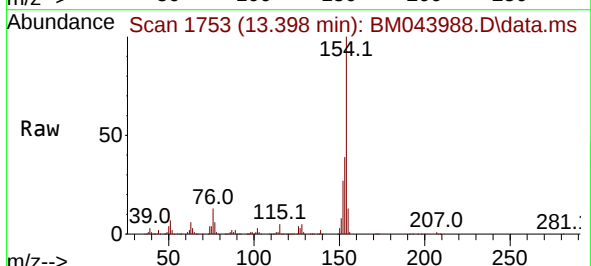
Tgt Ion:172 Resp: 4837014
Ion Ratio Lower Upper
172 100
171 34.8 27.9 41.9
170 23.4 18.6 28.0

Manual Integrations
APPROVED

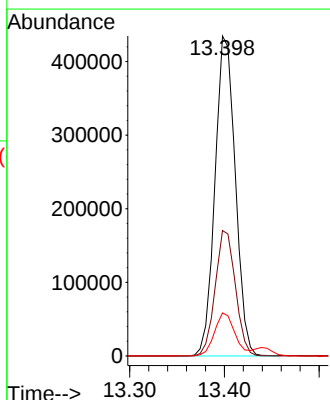
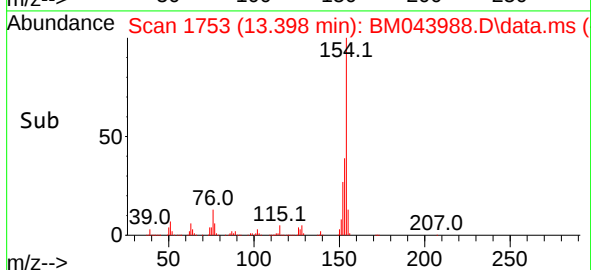
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024

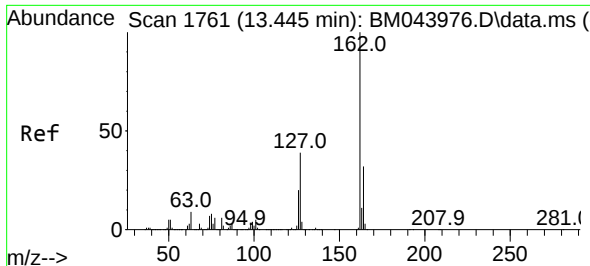


#46
1,1'-Biphenyl
Concen: 10.583 ng
RT: 13.398 min Scan# 1753
Delta R.T. -0.006 min
Lab File: BM043988.D
Acq: 06 Feb 2024 12:50



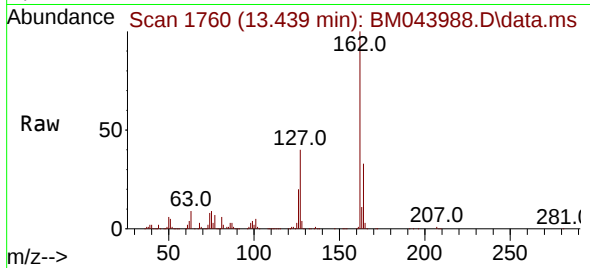
Tgt Ion:154 Resp: 649787
Ion Ratio Lower Upper
154 100
153 39.2 19.8 59.8
76 13.4 0.0 33.0





#47
2-Chloronaphthalene
Concen: 10.192 ng
RT: 13.439 min Scan# 1760
Delta R.T. -0.006 min
Lab File: BM043988.D
Acq: 06 Feb 2024 12:50

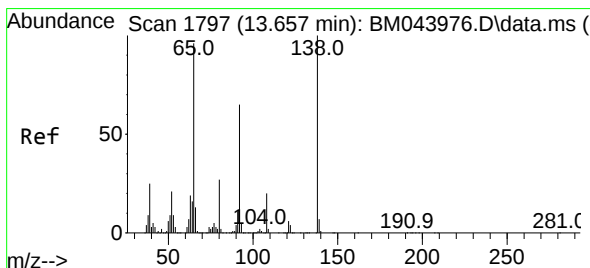
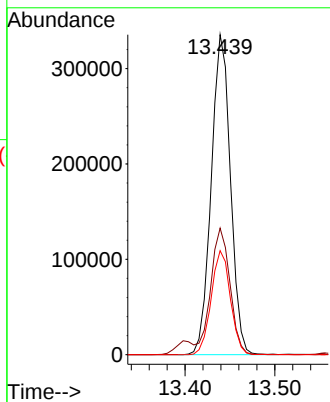
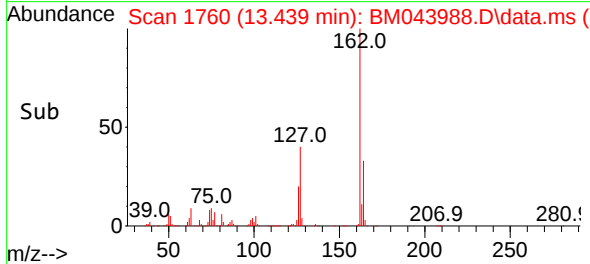
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2023



Tgt Ion:162 Resp: 49905
Ion Ratio Lower Upper
162 100
127 39.5 31.0 46.6
164 32.5 25.8 38.6

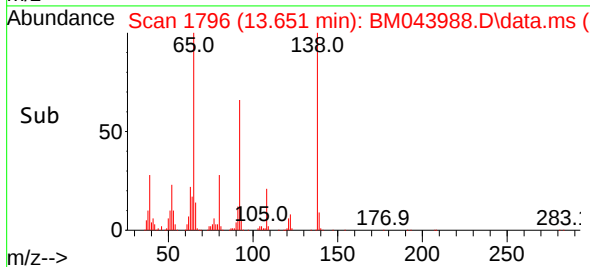
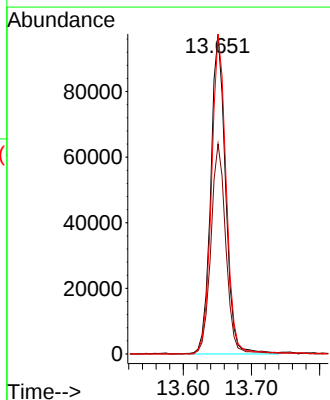
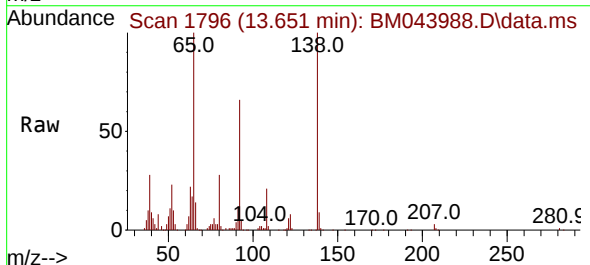
Manual Integrations
APPROVED

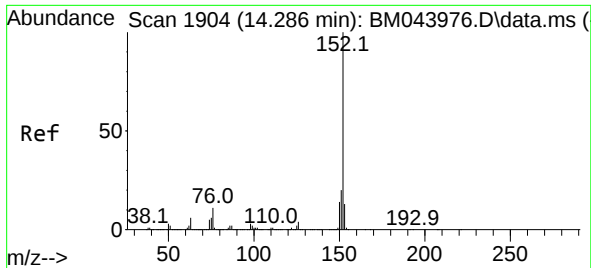
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#48
2-Nitroaniline
Concen: 9.270 ng
RT: 13.651 min Scan# 1796
Delta R.T. -0.006 min
Lab File: BM043988.D
Acq: 06 Feb 2024 12:50

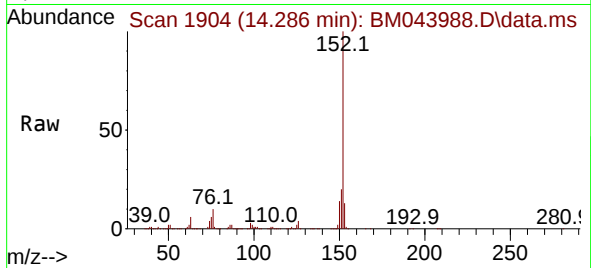
Tgt Ion: 65 Resp: 147635
Ion Ratio Lower Upper
65 100
92 65.9 53.6 80.4
138 100.3 83.0 124.6





#49
Acenaphthylene
Concen: 11.010 ng
RT: 14.286 min Scan# 1904
Delta R.T. -0.000 min
Lab File: BM043988.D
Acq: 06 Feb 2024 12:50

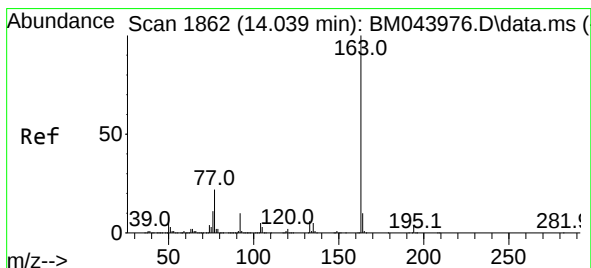
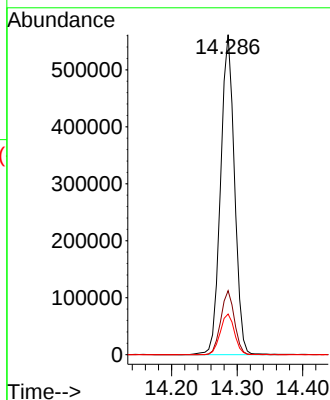
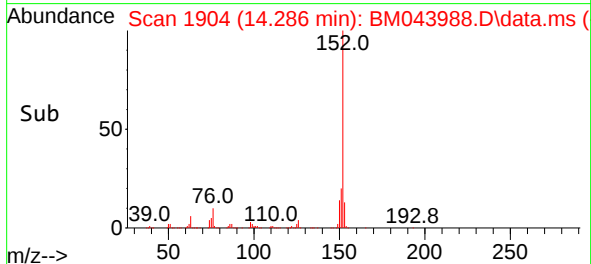
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2023



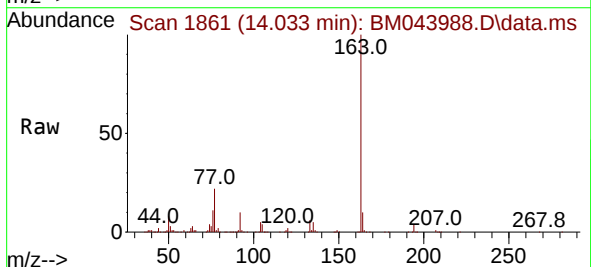
Tgt Ion:152 Resp: 82411
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 12.7 10.4 15.6

Manual Integrations
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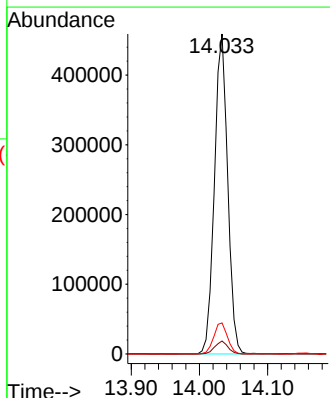
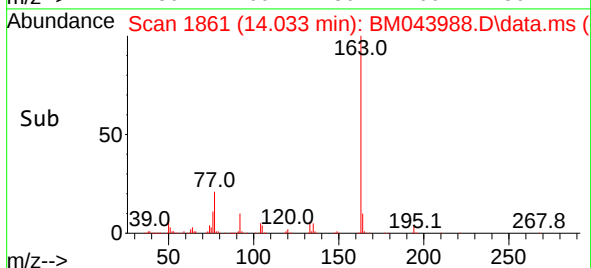
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024

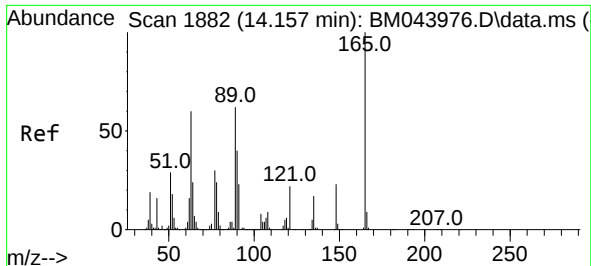


#50
Dimethylphthalate
Concen: 10.229 ng
RT: 14.033 min Scan# 1861
Delta R.T. -0.006 min
Lab File: BM043988.D
Acq: 06 Feb 2024 12:50



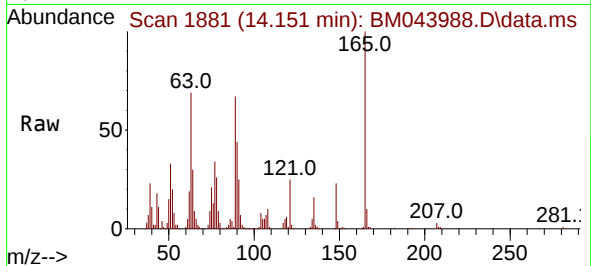
Tgt Ion:163 Resp: 620350
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 9.7 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 9.292 ng
RT: 14.151 min Scan# 1881
Delta R.T. -0.006 min
Lab File: BM043988.D
Acq: 06 Feb 2024 12:50

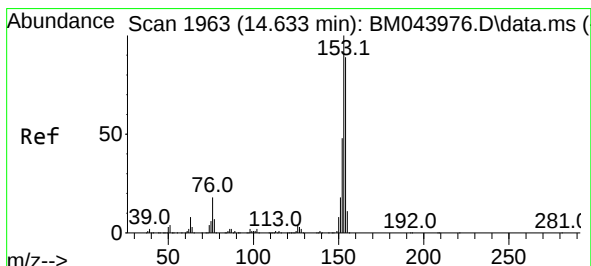
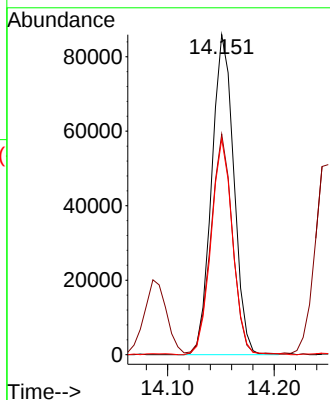
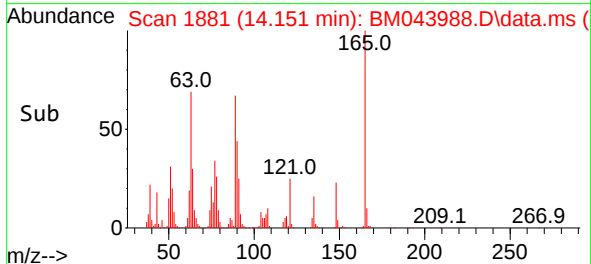
Instrument : BNA_M
ClientSampleId : LOQ-WATER-02-QT3-2023



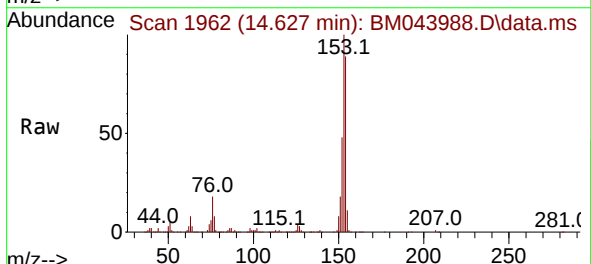
Tgt Ion:165 Resp: 12386
Ion Ratio Lower Upper
165 100
63 68.9 51.1 76.7
89 67.4 49.5 74.3

Manual Integrations
APPROVED

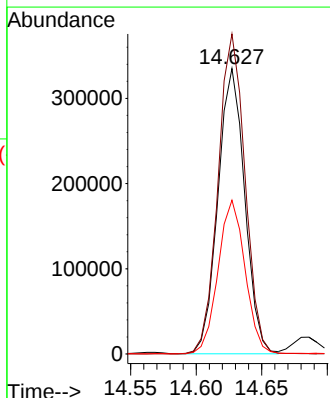
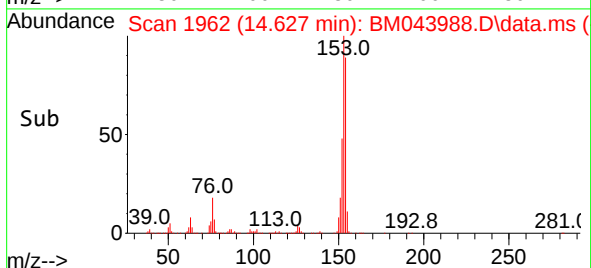
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024

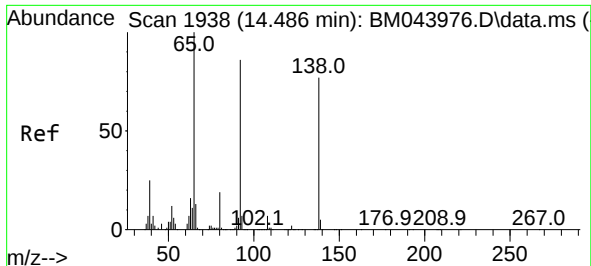


#52
Acenaphthene
Concen: 10.038 ng
RT: 14.627 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BM043988.D
Acq: 06 Feb 2024 12:50



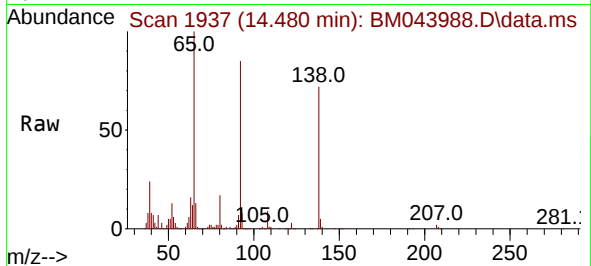
Tgt Ion:154 Resp: 476306
Ion Ratio Lower Upper
154 100
153 112.1 90.1 135.1
152 53.9 43.6 65.4





#53
3-Nitroaniline
Concen: 9.399 ng
RT: 14.480 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BM043988.D
Acq: 06 Feb 2024 12:50

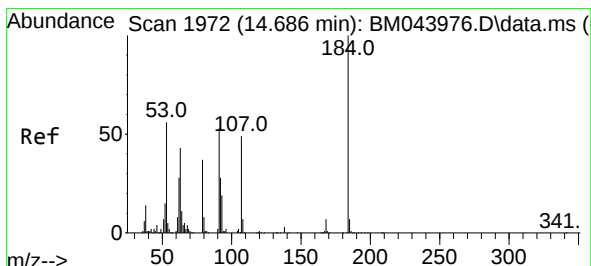
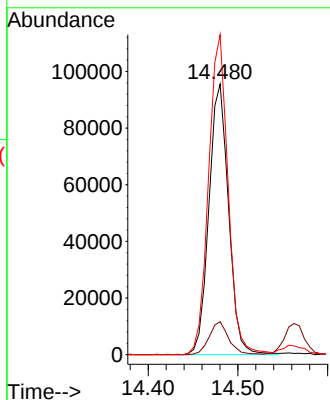
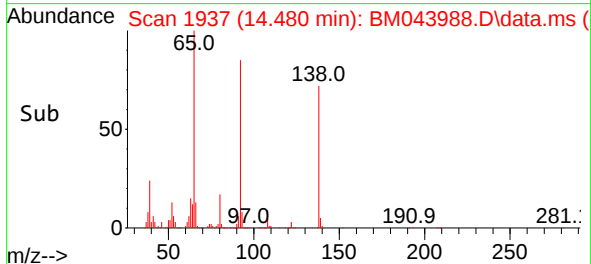
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2023



Tgt Ion:138 Resp: 14545
Ion Ratio Lower Upper
138 100
108 12.2 7.8 11.6
92 118.3 89.7 134.5

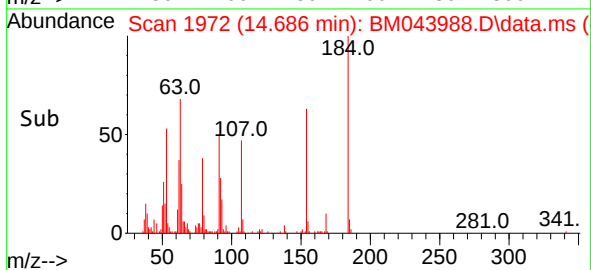
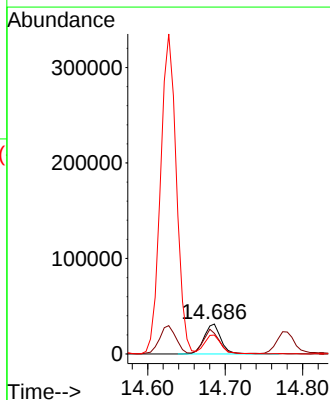
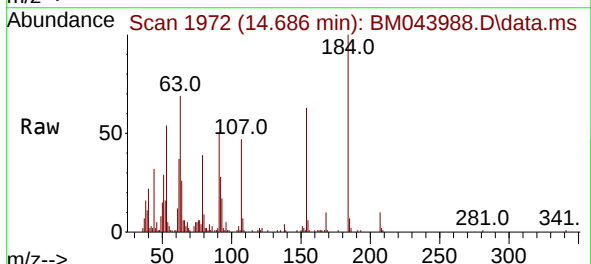
Manual Integrations
APPROVED

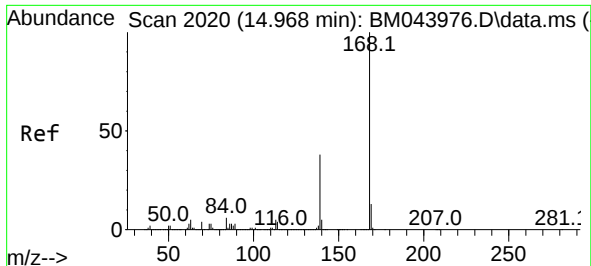
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#54
2,4-Dinitrophenol
Concen: 12.589 ng
RT: 14.686 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BM043988.D
Acq: 06 Feb 2024 12:50

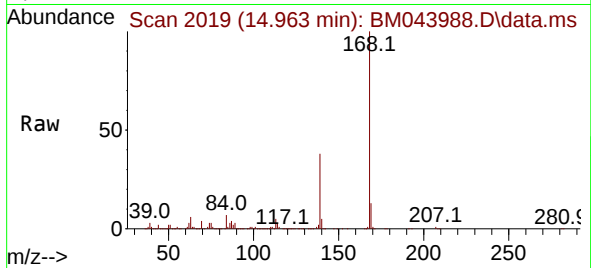
Tgt Ion:184 Resp: 47083
Ion Ratio Lower Upper
184 100
63 69.2 62.8 94.2
154 63.3 51.4 77.2





#55
Dibenzenofuran
Concen: 10.476 ng
RT: 14.963 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM043988.D
Acq: 06 Feb 2024 12:50

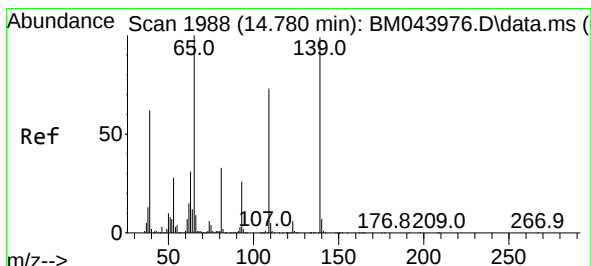
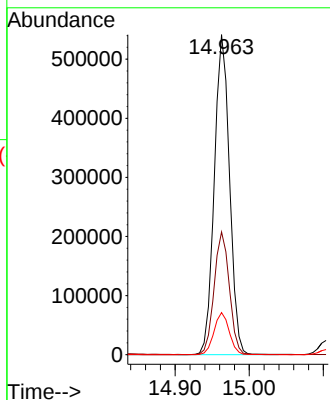
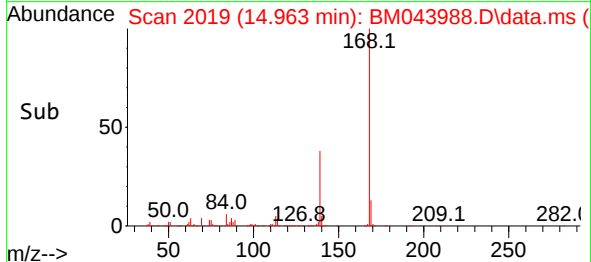
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2023



Tgt Ion:168 Resp: 77356
Ion Ratio Lower Upper
168 100
139 38.4 30.7 46.1
169 13.2 10.5 15.7

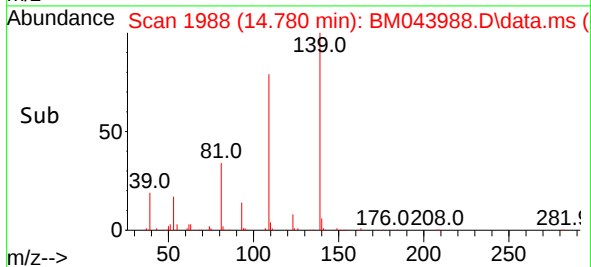
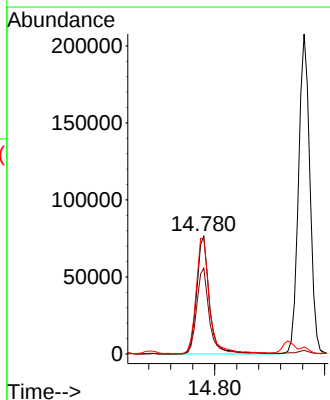
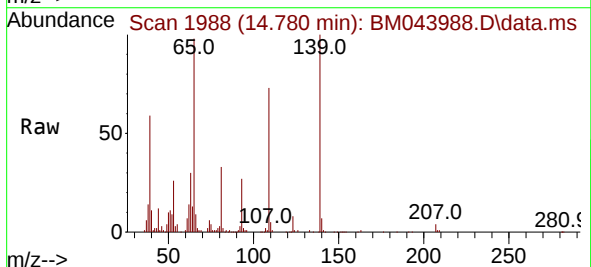
Manual Integrations
APPROVED

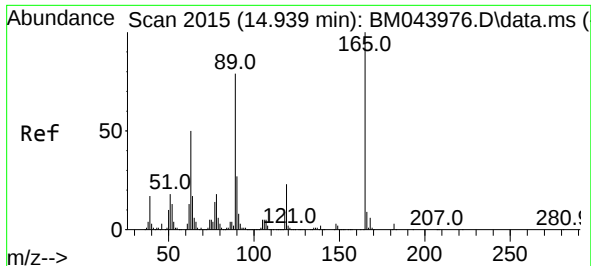
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#56
4-Nitrophenol
Concen: 9.112 ng
RT: 14.780 min Scan# 1988
Delta R.T. -0.000 min
Lab File: BM043988.D
Acq: 06 Feb 2024 12:50

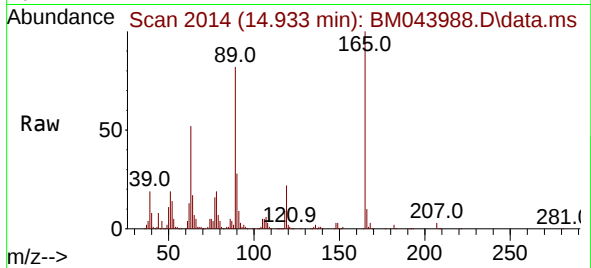
Tgt Ion:139 Resp: 123230
Ion Ratio Lower Upper
139 100
109 73.1 53.2 93.2
65 98.3 80.7 120.7





#57
2,4-Dinitrotoluene
Concen: 8.791 ng
RT: 14.933 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BM043988.D
Acq: 06 Feb 2024 12:50

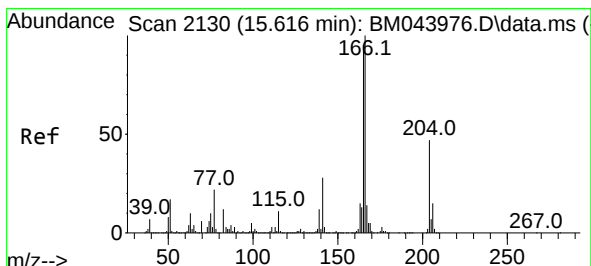
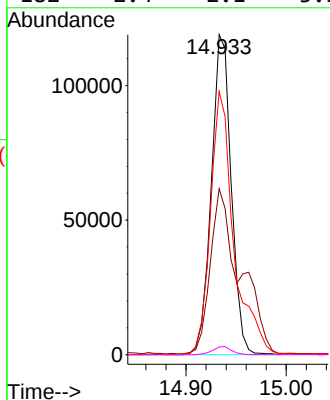
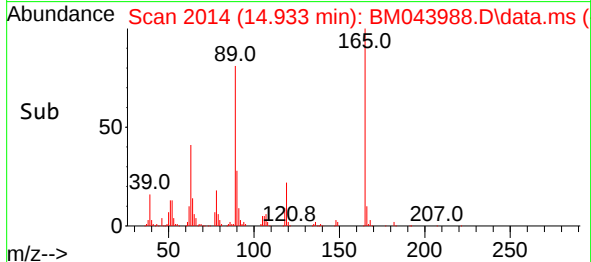
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2023



Tgt Ion:165 Resp: 16313
Ion Ratio Lower Upper
165 100
63 51.9 40.2 60.4
89 82.3 63.3 94.9
182 2.4 2.1 3.1

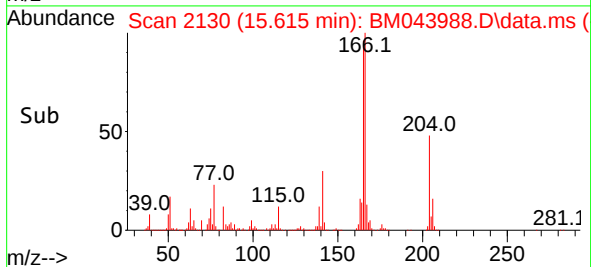
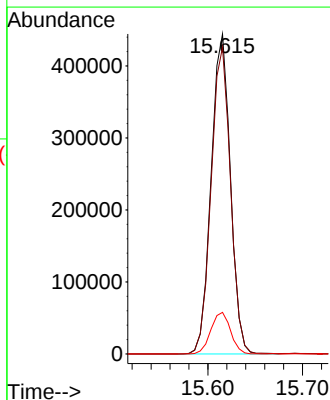
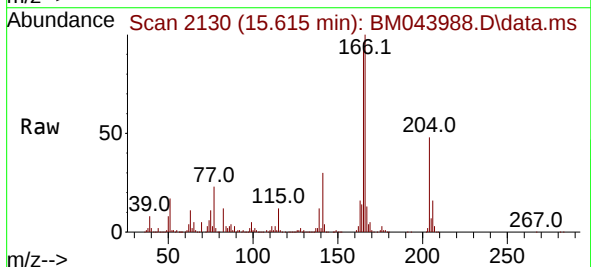
Manual Integrations
APPROVED

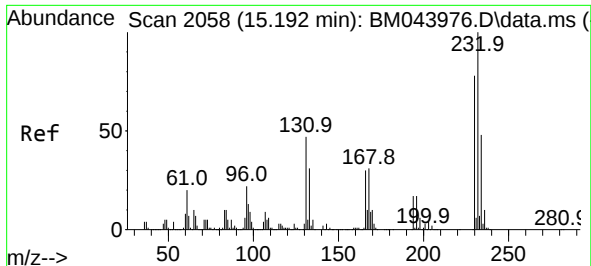
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#58
Fluorene
Concen: 10.074 ng
RT: 15.615 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BM043988.D
Acq: 06 Feb 2024 12:50

Tgt Ion:166 Resp: 628178
Ion Ratio Lower Upper
166 100
165 95.9 76.3 114.5
167 13.0 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 9.965 ng

RT: 15.186 min Scan# 2057

Delta R.T. -0.006 min

Lab File: BM043988.D

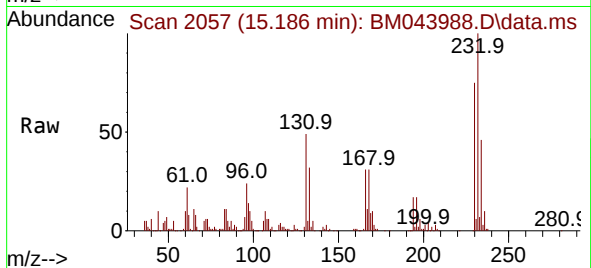
Acq: 06 Feb 2024 12:50

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2023



Tgt Ion:232 Resp: 14667

Ion Ratio Lower Upper

232 100

131 49.9 39.8 59.6

130 2.5 2.0 3.0

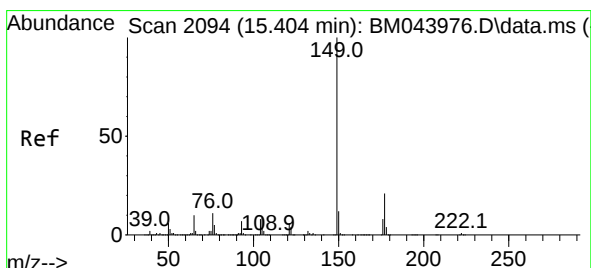
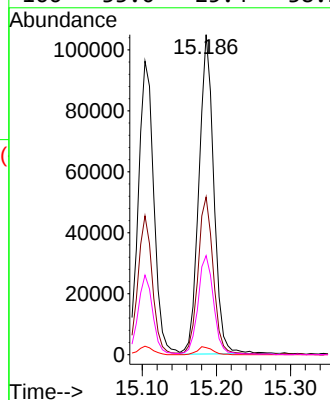
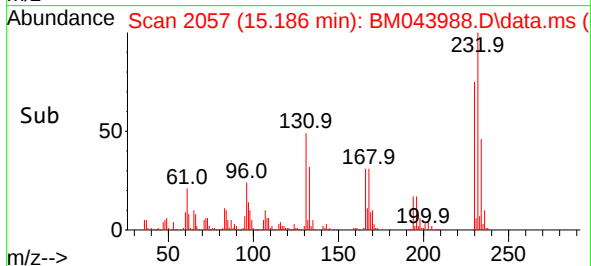
166 33.0 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024

Supervised By :mohammad ahmed 02/08/2024



#60

Diethylphthalate

Concen: 9.814 ng

RT: 15.398 min Scan# 2093

Delta R.T. -0.006 min

Lab File: BM043988.D

Acq: 06 Feb 2024 12:50

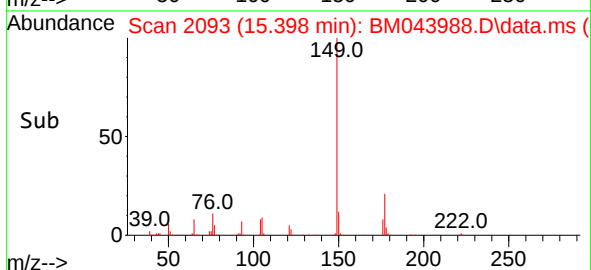
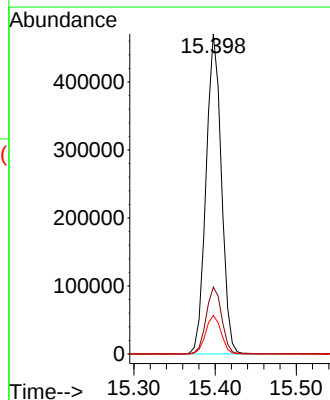
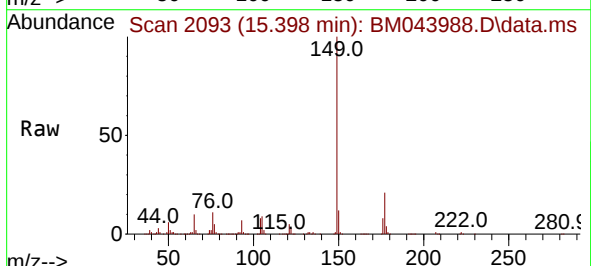
Tgt Ion:149 Resp: 616161

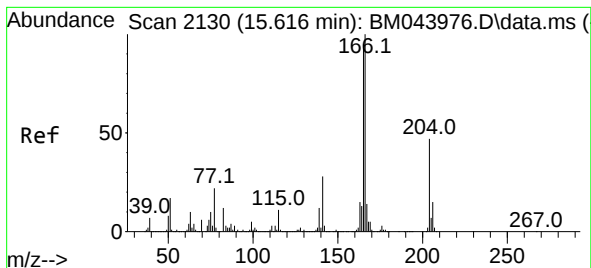
Ion Ratio Lower Upper

149 100

177 20.9 17.1 25.7

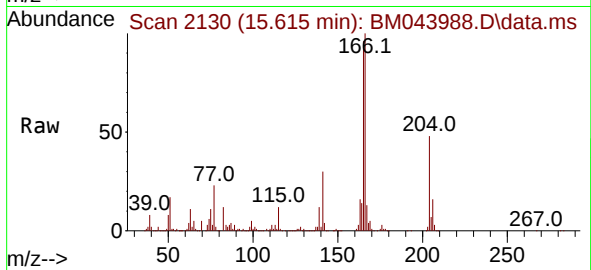
150 12.1 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 10.026 ng
RT: 15.615 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BM043988.D
Acq: 06 Feb 2024 12:50

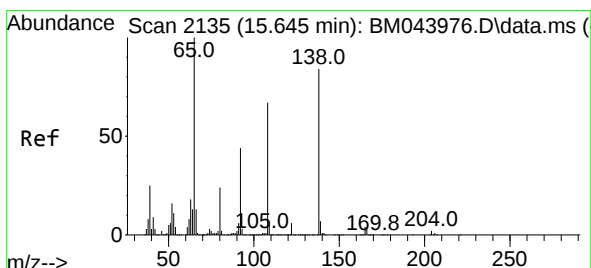
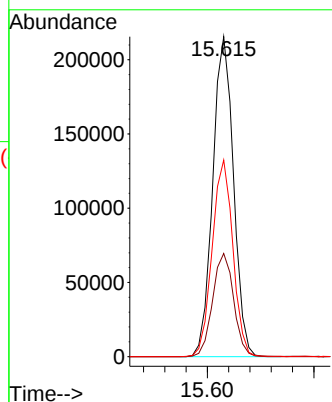
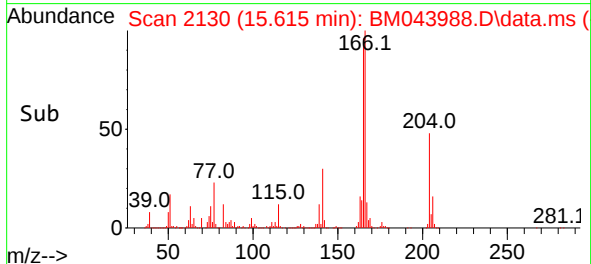
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2023



Tgt Ion:204 Resp: 291690
Ion Ratio Lower Upper
204 100
206 32.2 26.2 39.2
141 61.5 48.6 72.8

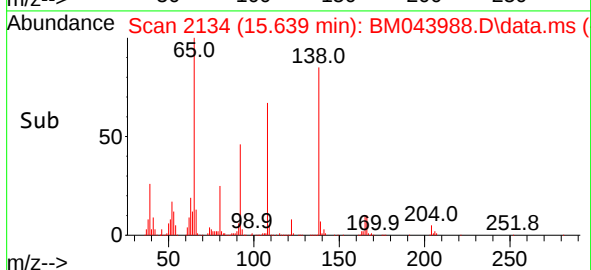
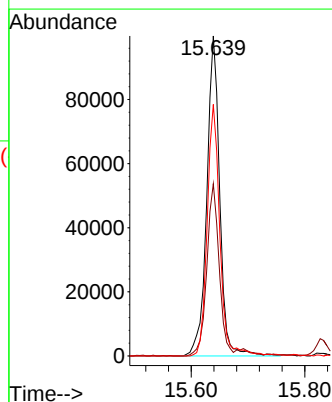
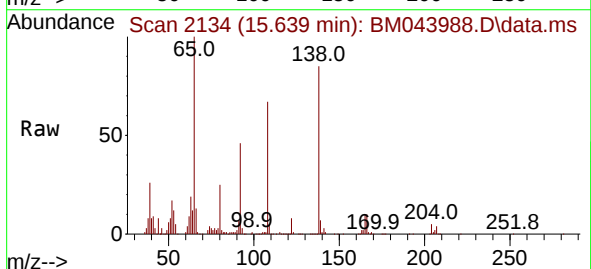
Manual Integrations
APPROVED

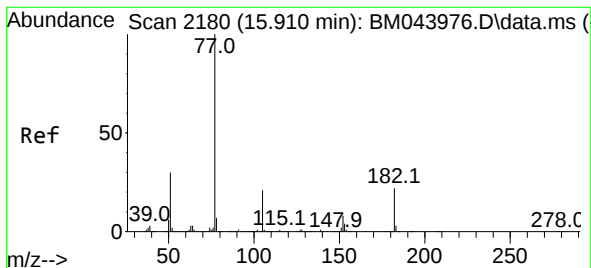
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#62
4-Nitroaniline
Concen: 9.309 ng
RT: 15.639 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BM043988.D
Acq: 06 Feb 2024 12:50

Tgt Ion:138 Resp: 157514
Ion Ratio Lower Upper
138 100
92 53.8 32.7 72.7
108 78.6 60.0 100.0





#63

Azobenzene

Concen: 10.201 ng

RT: 15.909 min Scan# 2180

Delta R.T. -0.000 min

Lab File: BM043988.D

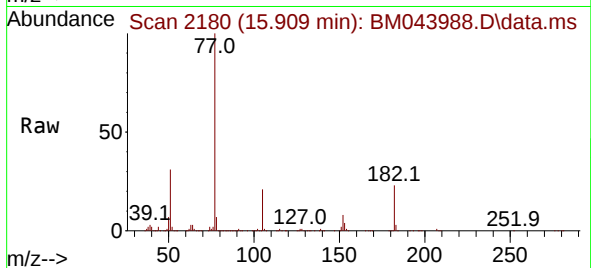
Acq: 06 Feb 2024 12:50

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2023



Tgt Ion: 77 Resp: 639690

Ion Ratio Lower Upper

77 100

182 23.0 2.0 42.0

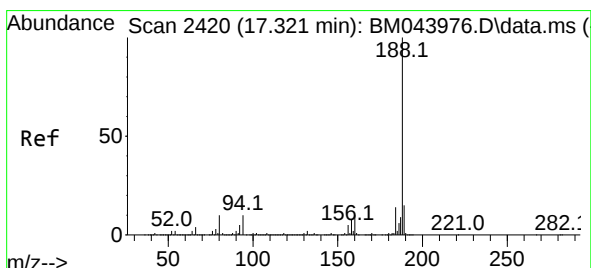
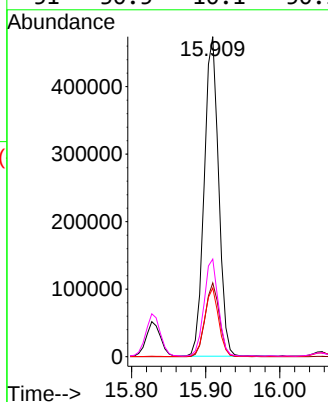
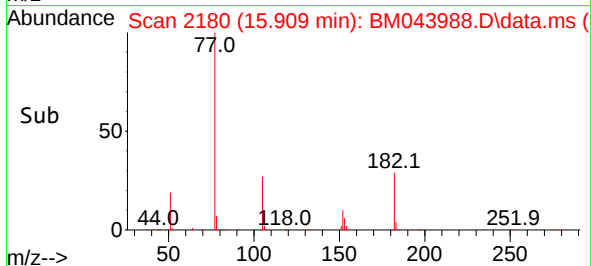
105 21.4 0.5 40.5

51 30.5 10.1 50.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.315 min Scan# 2419

Delta R.T. -0.006 min

Lab File: BM043988.D

Acq: 06 Feb 2024 12:50

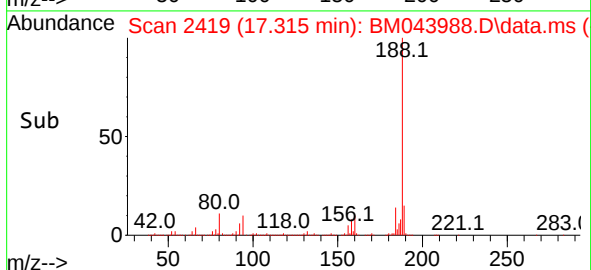
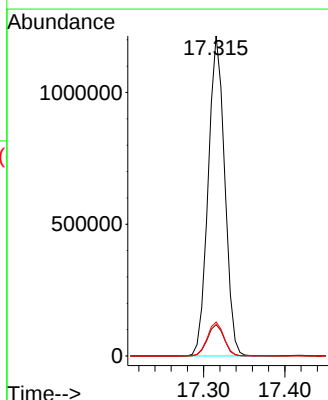
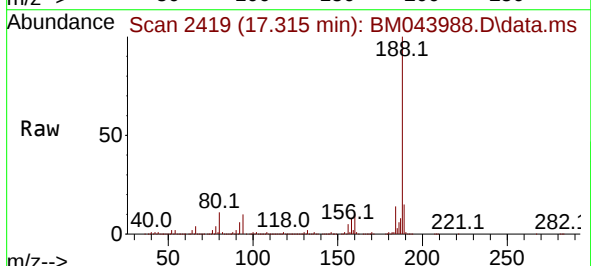
Tgt Ion:188 Resp: 1712258

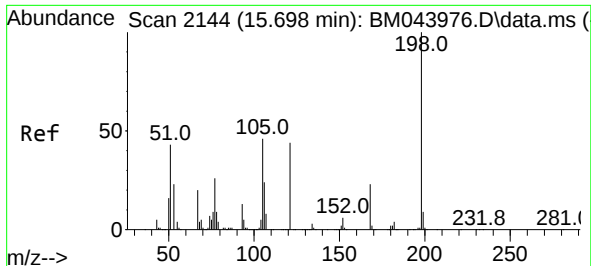
Ion Ratio Lower Upper

188 100

94 9.8 7.7 11.5

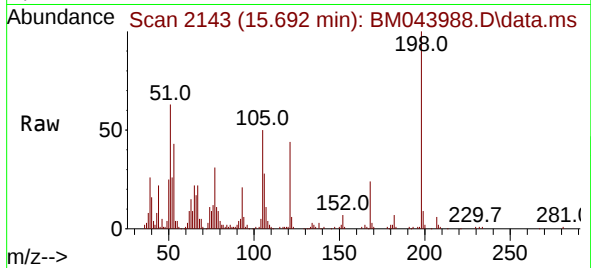
80 10.6 8.2 12.4





#65
4,6-Dinitro-2-methylphenol
Concen: 11.828 ng
RT: 15.692 min Scan# 2143
Delta R.T. -0.006 min
Lab File: BM043988.D
Acq: 06 Feb 2024 12:50

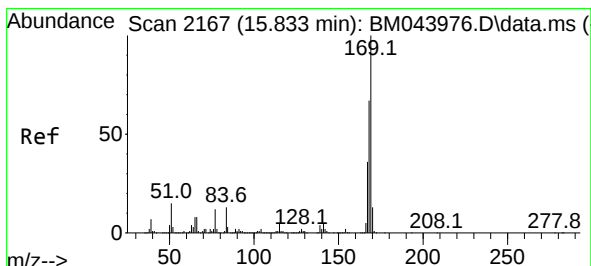
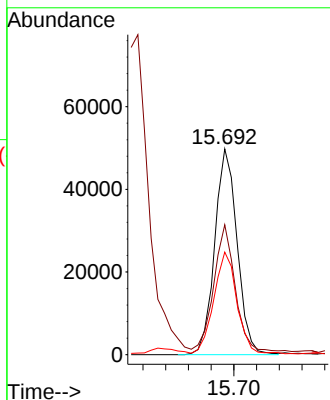
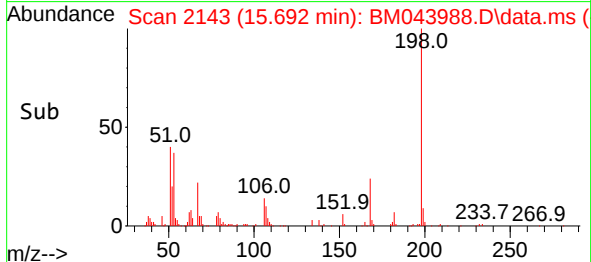
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2023



Tgt Ion:198 Resp: 68395
Ion Ratio Lower Upper
198 100
51 63.2 31.9 71.9
105 49.8 28.1 68.1

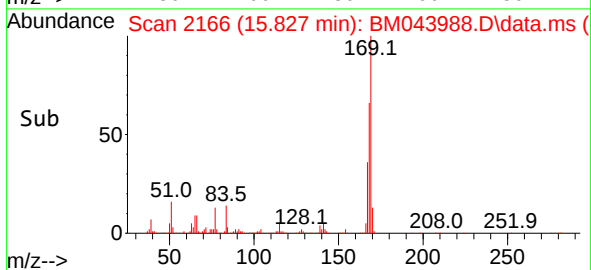
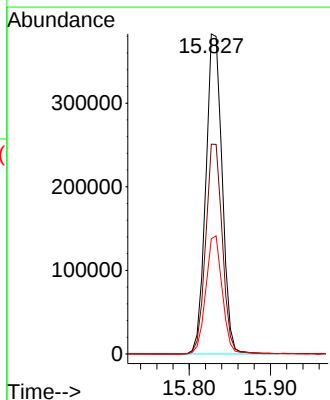
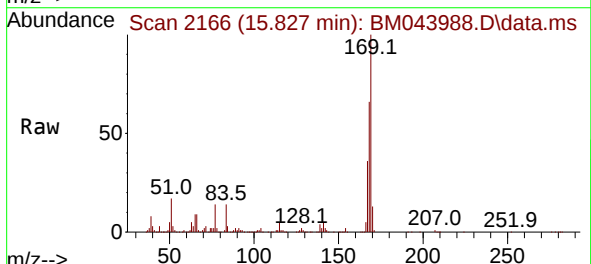
Manual Integrations
APPROVED

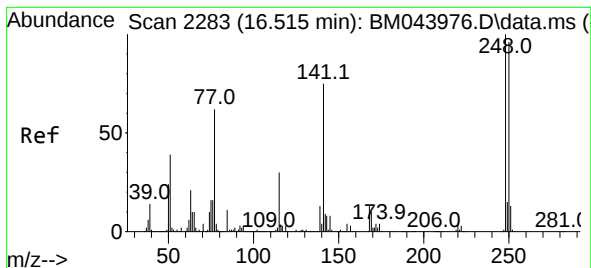
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#66
n-Nitrosodiphenylamine
Concen: 10.495 ng
RT: 15.827 min Scan# 2166
Delta R.T. -0.006 min
Lab File: BM043988.D
Acq: 06 Feb 2024 12:50

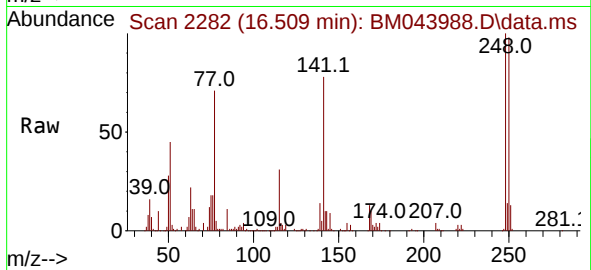
Tgt Ion:169 Resp: 535292
Ion Ratio Lower Upper
169 100
168 65.5 53.4 80.2
167 36.0 29.0 43.4





#67
4-Bromophenyl-phenylether
Concen: 8.798 ng
RT: 16.509 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM043988.D
Acq: 06 Feb 2024 12:50

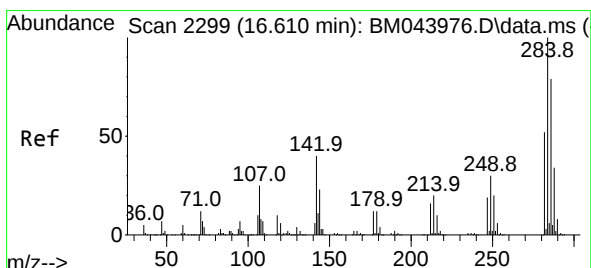
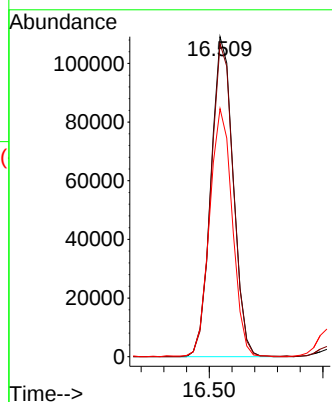
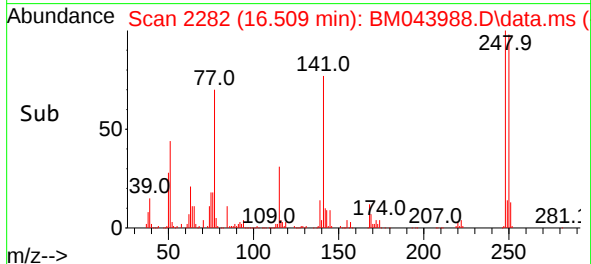
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2023



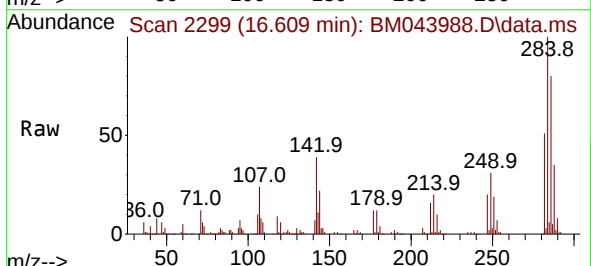
Tgt Ion:248 Resp: 148409
Ion Ratio Lower Upper
248 100
250 97.8 77.0 115.4
141 77.5 59.9 89.9

Manual Integrations
APPROVED

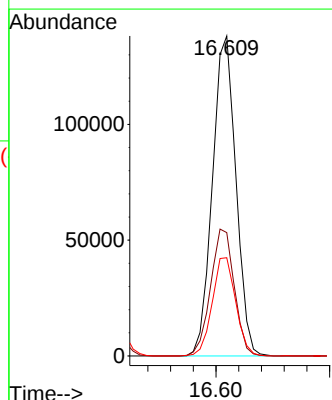
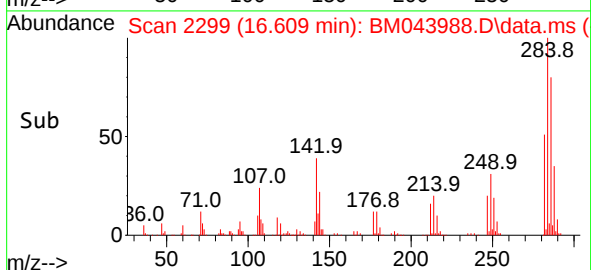
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024

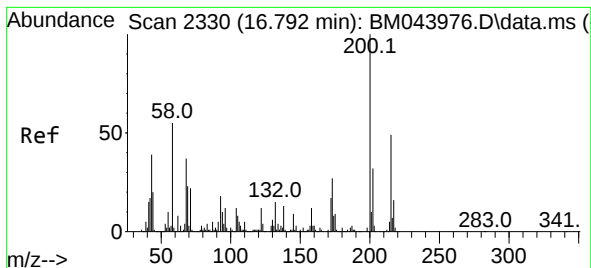


#68
Hexachlorobenzene
Concen: 9.855 ng
RT: 16.609 min Scan# 2299
Delta R.T. -0.000 min
Lab File: BM043988.D
Acq: 06 Feb 2024 12:50



Tgt Ion:284 Resp: 198199
Ion Ratio Lower Upper
284 100
142 38.6 32.2 48.4
249 30.7 24.4 36.6





#69

Atrazine

Concen: 12.176 ng

RT: 16.786 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM043988.D

Acq: 06 Feb 2024 12:50

Instrument :

BNA_M

ClientSampleId :

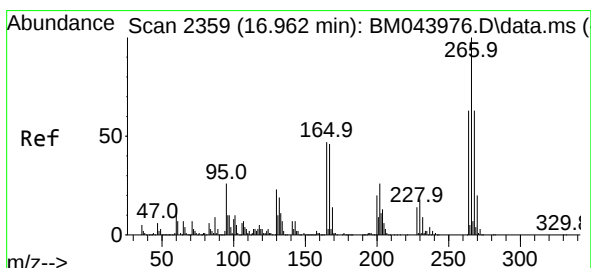
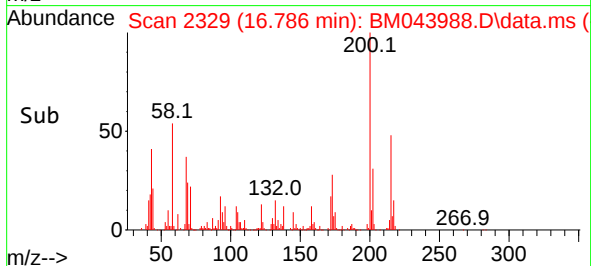
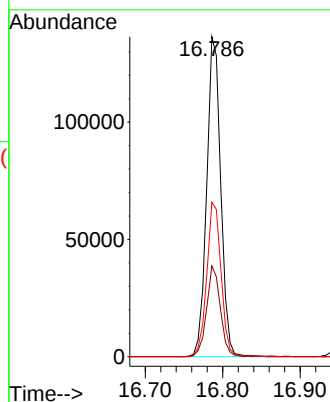
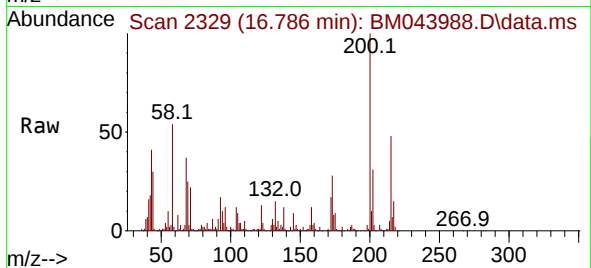
LOQ-WATER-02-QT3-2023

Tgt Ion:200	Resp: 17181
Ion Ratio	Lower Upper
200 100	
173 28.4	7.3 47.3
215 48.3	28.7 68.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#70

Pentachlorophenol

Concen: 7.953 ng

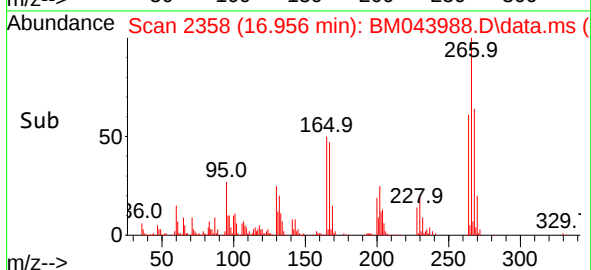
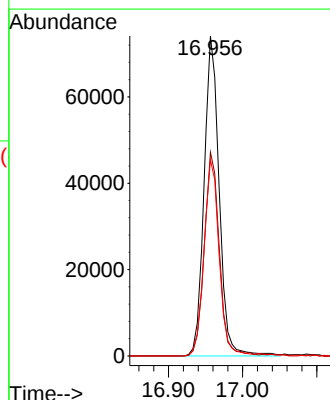
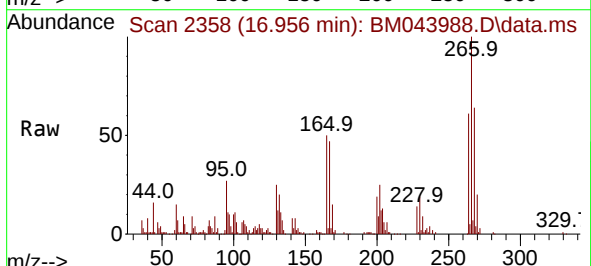
RT: 16.956 min Scan# 2358

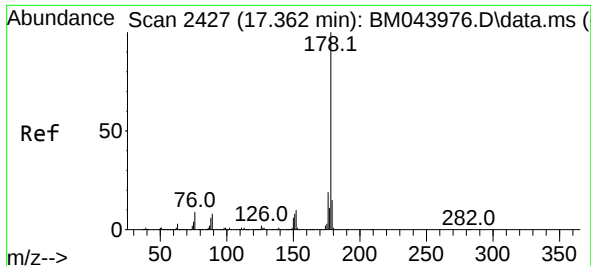
Delta R.T. -0.006 min

Lab File: BM043988.D

Acq: 06 Feb 2024 12:50

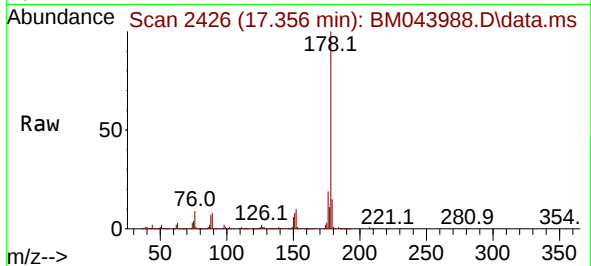
Tgt Ion:266	Resp: 105029
Ion Ratio	Lower Upper
266 100	
268 63.7	50.6 76.0
264 61.3	50.6 76.0





#71
Phenanthrene
Concen: 10.549 ng
RT: 17.356 min Scan# 2427
Delta R.T. -0.006 min
Lab File: BM043988.D
Acq: 06 Feb 2024 12:50

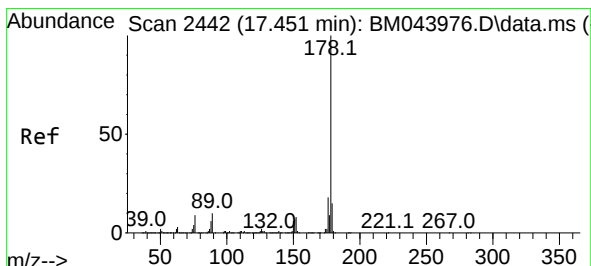
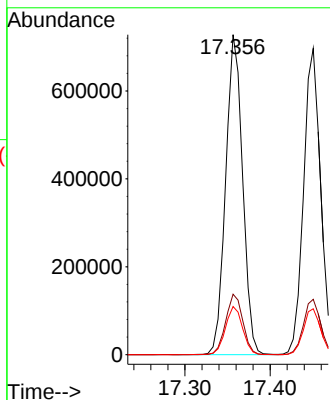
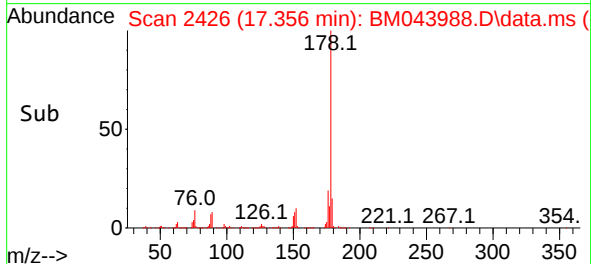
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2023



Tgt Ion:178 Resp: 100607
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.1 12.4 18.6

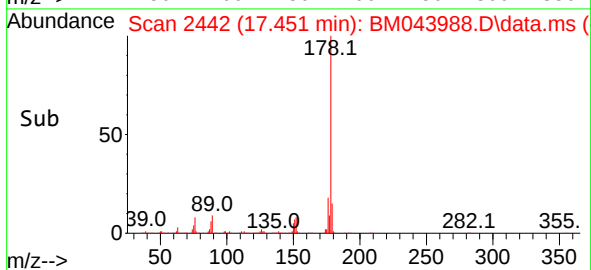
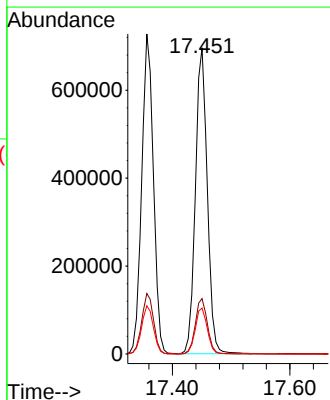
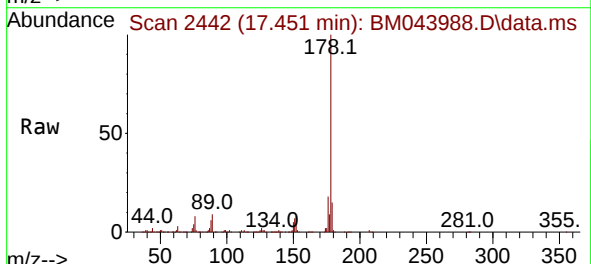
Manual Integrations
APPROVED

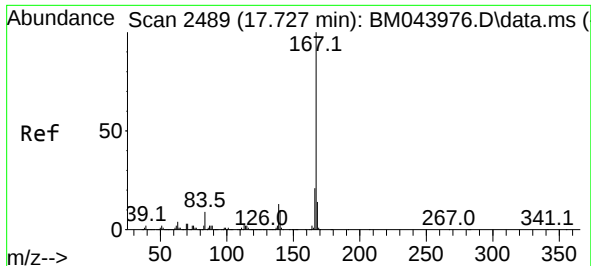
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#72
Anthracene
Concen: 10.447 ng
RT: 17.451 min Scan# 2442
Delta R.T. -0.000 min
Lab File: BM043988.D
Acq: 06 Feb 2024 12:50

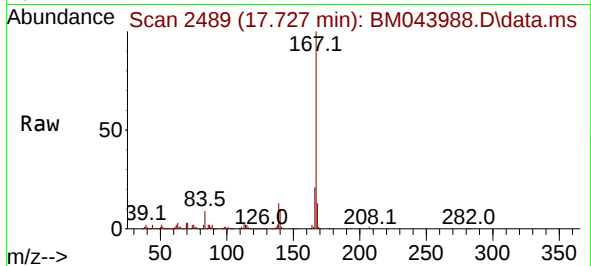
Tgt Ion:178 Resp: 975467
Ion Ratio Lower Upper
178 100
176 18.1 14.6 22.0
179 15.0 12.2 18.4





#73
 Carbazole
 Concen: 9.898 ng
 RT: 17.727 min Scan# 2489
 Delta R.T. -0.000 min
 Lab File: BM043988.D
 Acq: 06 Feb 2024 12:50

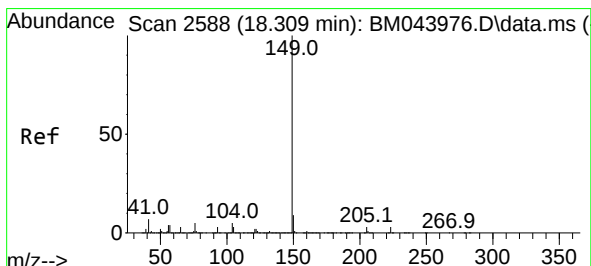
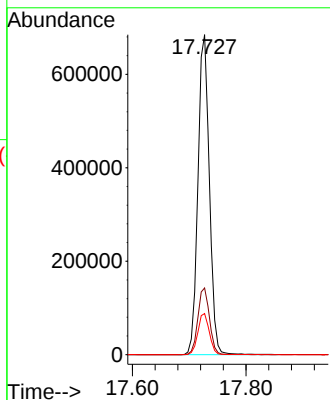
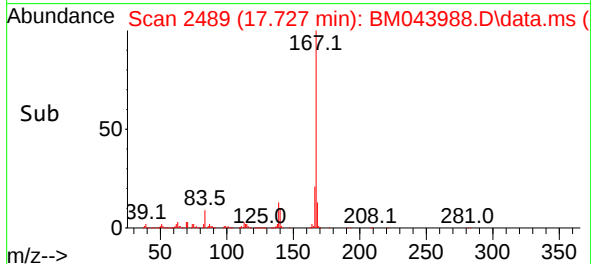
Instrument : BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT3-2023



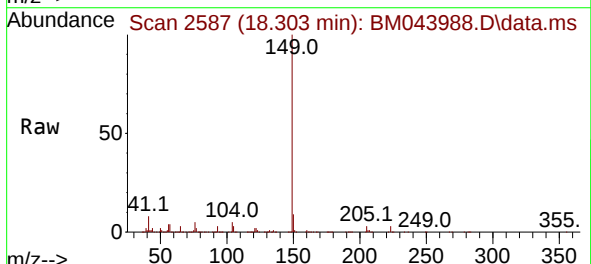
Tgt Ion:167 Resp: 957114
 Ion Ratio Lower Upper
 167 100
 166 20.8 17.1 25.7
 139 12.9 10.6 15.8

Manual Integrations
 APPROVED

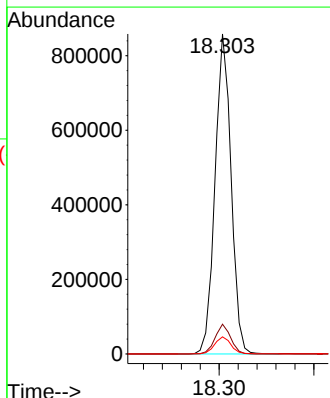
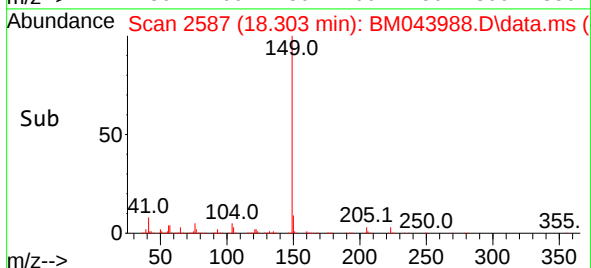
Reviewed By :Jagrut Upadhyay 02/07/2024
 Supervised By :mohammad ahmed 02/08/2024

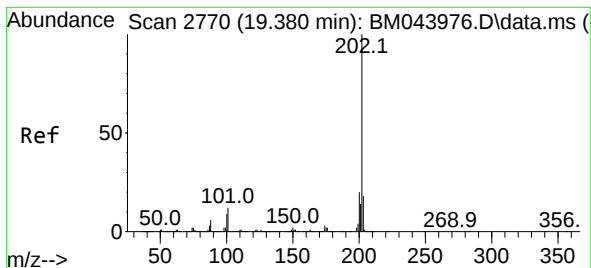


#74
 Di-n-butylphthalate
 Concen: 9.520 ng
 RT: 18.303 min Scan# 2587
 Delta R.T. -0.006 min
 Lab File: BM043988.D
 Acq: 06 Feb 2024 12:50



Tgt Ion:149 Resp: 1009573
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 5.4 4.1 6.1





#75

Fluoranthene

Concen: 9.672 ng

RT: 19.380 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM043988.D

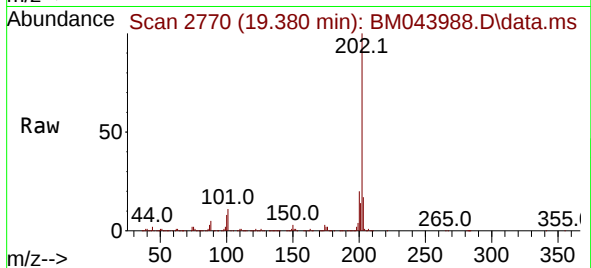
Acq: 06 Feb 2024 12:50

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2023



Tgt Ion:202 Resp: 1140760

Ion Ratio Lower Upper

202 100

101 10.6 0.0 31.9

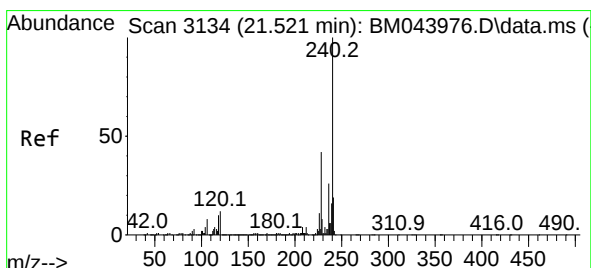
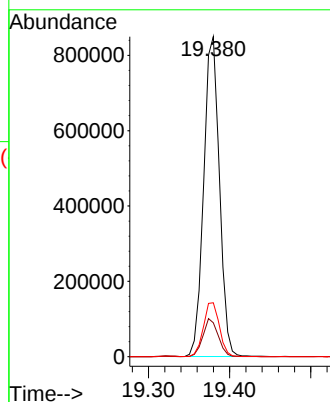
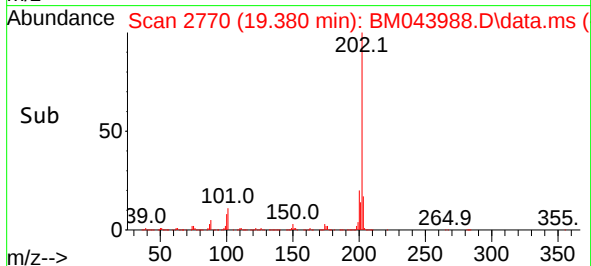
203 16.8 0.0 37.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024

Supervised By :mohammad ahmed 02/08/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.515 min Scan# 3133

Delta R.T. -0.006 min

Lab File: BM043988.D

Acq: 06 Feb 2024 12:50

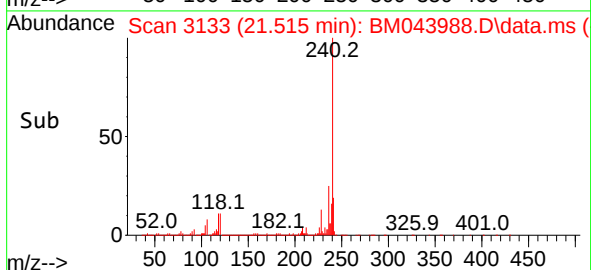
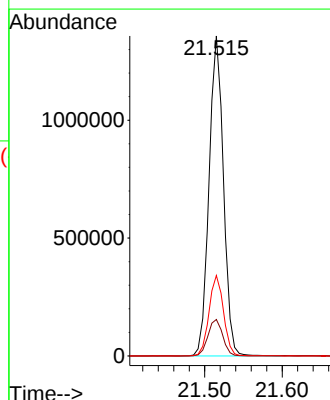
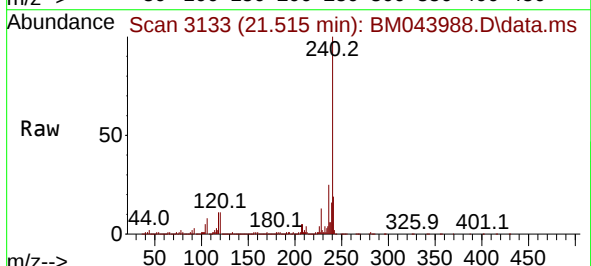
Tgt Ion:240 Resp: 1748380

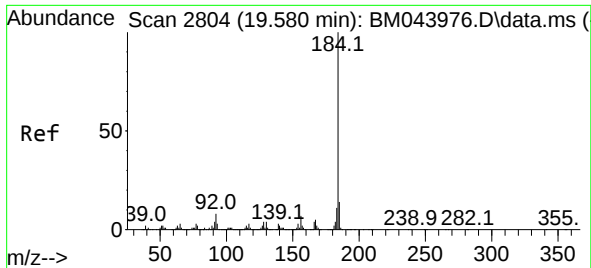
Ion Ratio Lower Upper

240 100

120 11.4 9.3 13.9

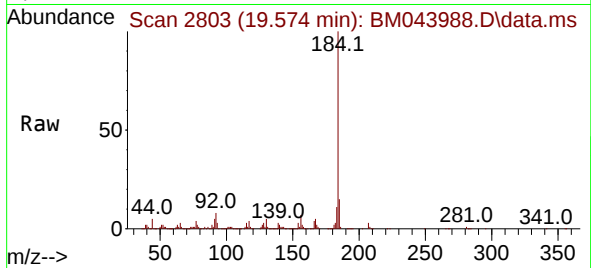
236 25.1 20.5 30.7





#77
Benzidine
Concen: 23.275 ng
RT: 19.574 min Scan# 2803
Delta R.T. -0.006 min
Lab File: BM043988.D
Acq: 06 Feb 2024 12:50

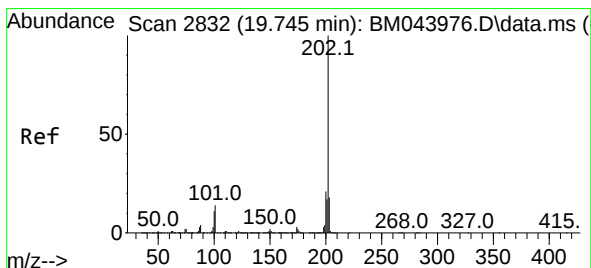
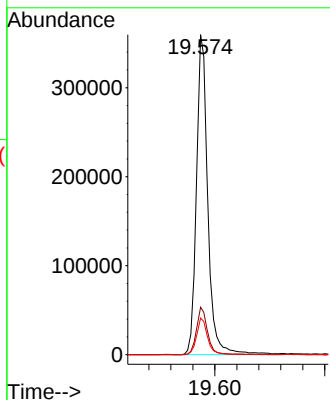
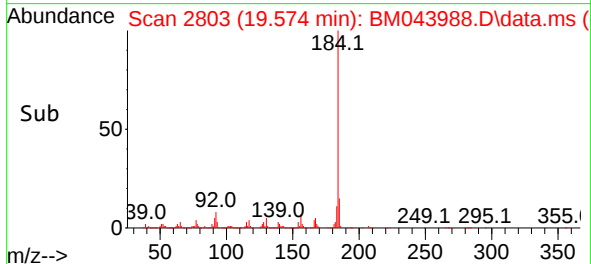
Instrument : BNA_M
ClientSampleId : LOQ-WATER-02-QT3-2023



Tgt Ion:184 Resp: 516315
Ion Ratio Lower Upper
184 100
185 14.9 11.5 17.3
183 11.4 8.9 13.3

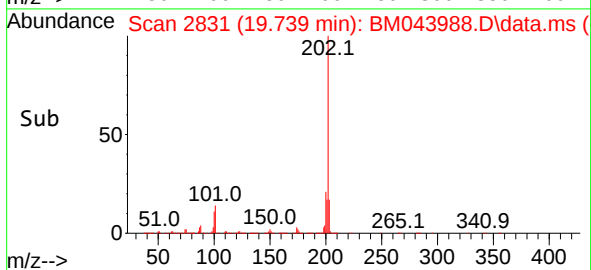
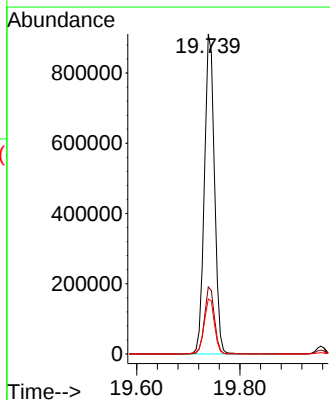
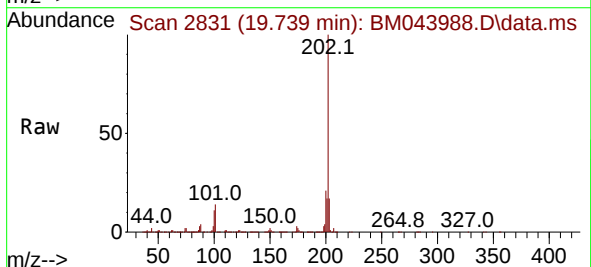
Manual Integrations
APPROVED

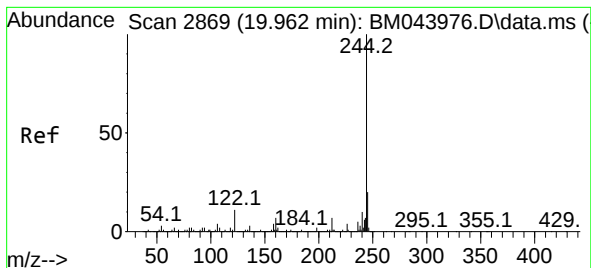
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#78
Pyrene
Concen: 10.255 ng
RT: 19.739 min Scan# 2831
Delta R.T. -0.006 min
Lab File: BM043988.D
Acq: 06 Feb 2024 12:50

Tgt Ion:202 Resp: 1232529
Ion Ratio Lower Upper
202 100
200 21.0 16.8 25.2
203 17.2 14.2 21.4





#79

Terphenyl-d14

Concen: 91.382 ng

RT: 19.956 min Scan# 2868

Delta R.T. -0.006 min

Lab File: BM043988.D

Acq: 06 Feb 2024 12:50

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2023

Tgt Ion:244 Resp: 827648

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

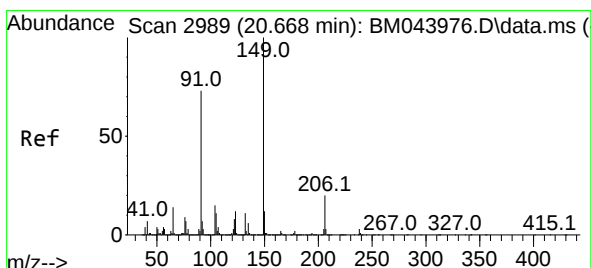
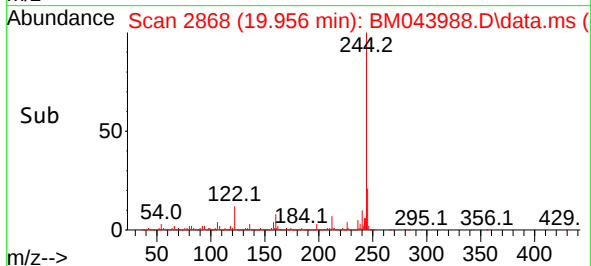
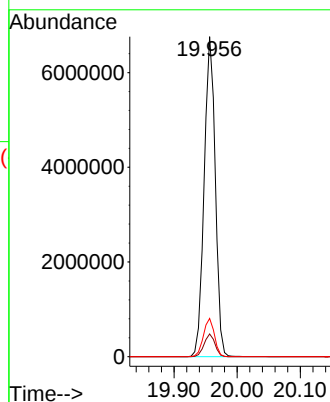
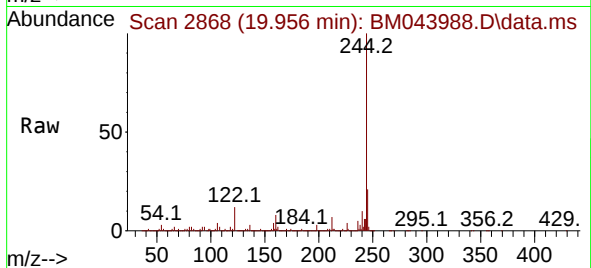
122 11.9 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024

Supervised By :mohammad ahmed 02/08/2024



#80

Butylbenzylphthalate

Concen: 9.353 ng

RT: 20.662 min Scan# 2988

Delta R.T. -0.006 min

Lab File: BM043988.D

Acq: 06 Feb 2024 12:50

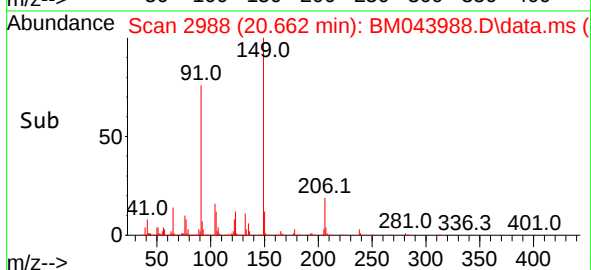
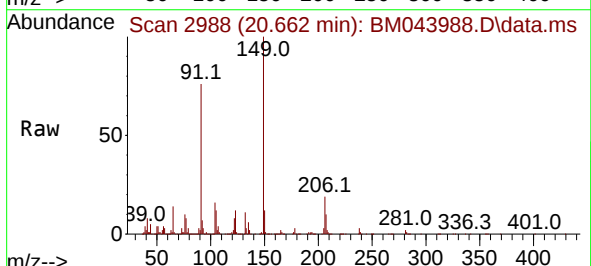
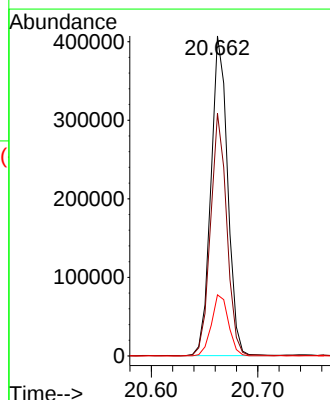
Tgt Ion:149 Resp: 445085

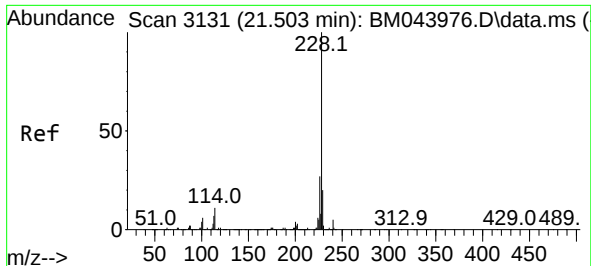
Ion Ratio Lower Upper

149 100

91 75.8 58.4 87.6

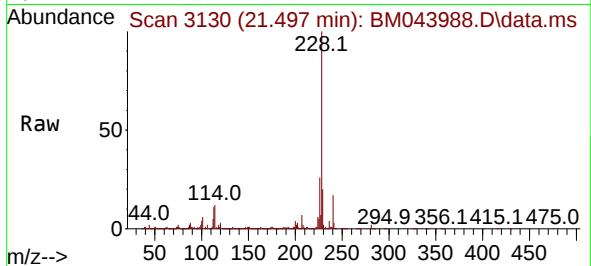
206 19.1 15.8 23.6





#81
Benzo(a)anthracene
Concen: 10.459 ng
RT: 21.497 min Scan# 3131
Delta R.T. -0.006 min
Lab File: BM043988.D
Acq: 06 Feb 2024 12:50

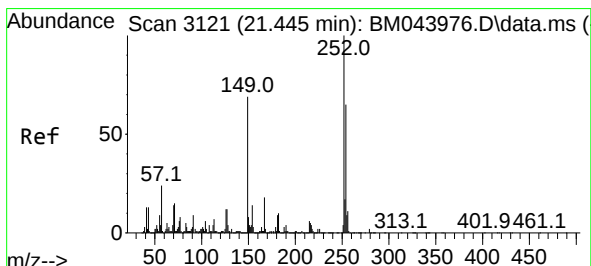
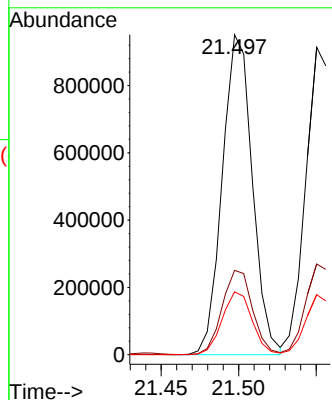
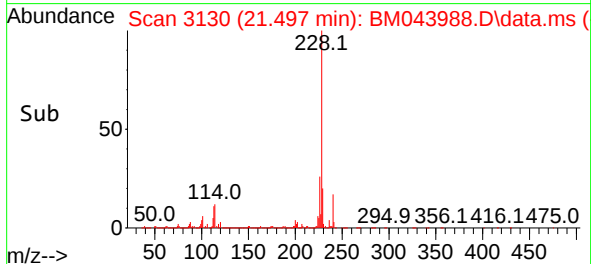
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2023



Tgt Ion:228 Resp: 128285
Ion Ratio Lower Upper
228 100
226 26.4 21.8 32.8
229 19.7 16.1 24.1

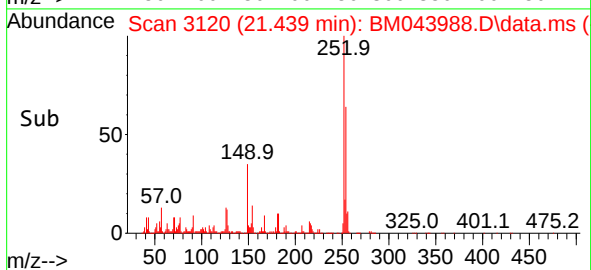
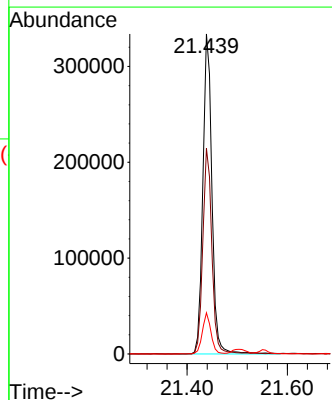
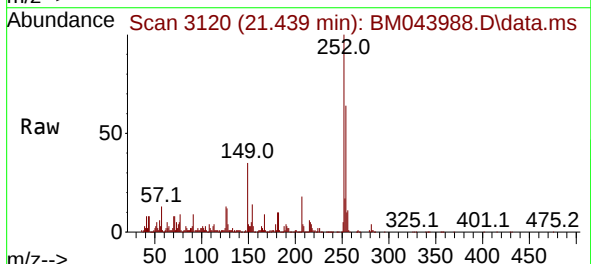
Manual Integrations
APPROVED

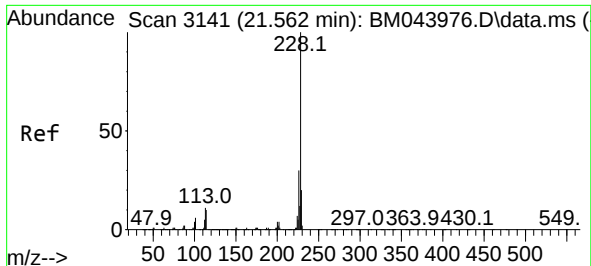
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#82
3,3'-Dichlorobenzidine
Concen: 10.727 ng
RT: 21.439 min Scan# 3120
Delta R.T. -0.006 min
Lab File: BM043988.D
Acq: 06 Feb 2024 12:50

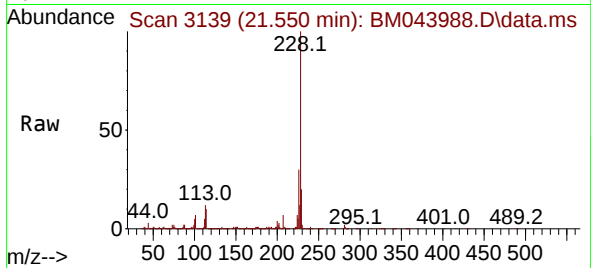
Tgt Ion:252 Resp: 420729
Ion Ratio Lower Upper
252 100
254 64.3 51.6 77.4
126 12.9 9.4 14.2





#83
Chrysene
Concen: 10.170 ng
RT: 21.550 min Scan# 3141
Delta R.T. -0.012 min
Lab File: BM043988.D
Acq: 06 Feb 2024 12:50

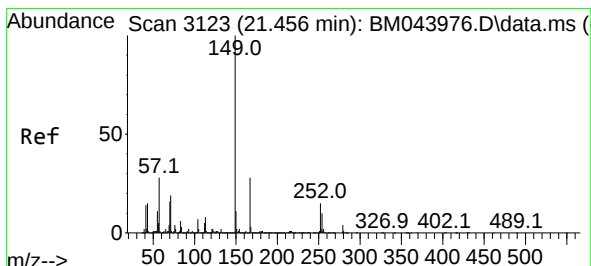
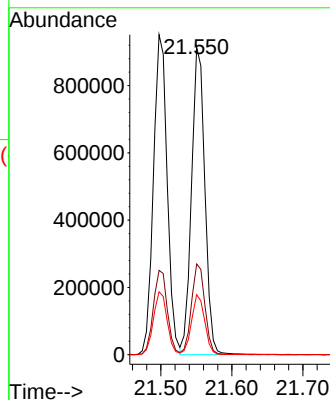
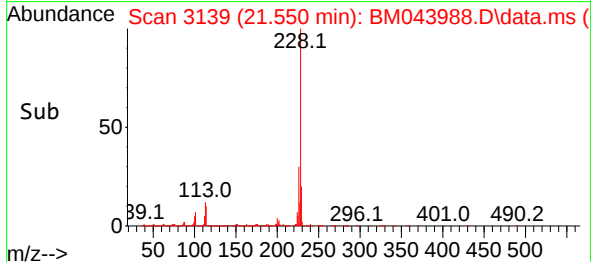
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2023



Tgt Ion:228 Resp: 1195129
Ion Ratio Lower Upper
228 100
226 29.5 24.2 36.4
229 19.6 15.8 23.8

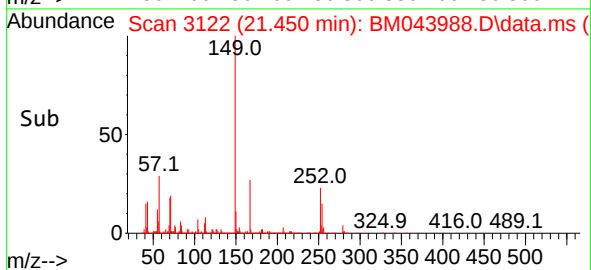
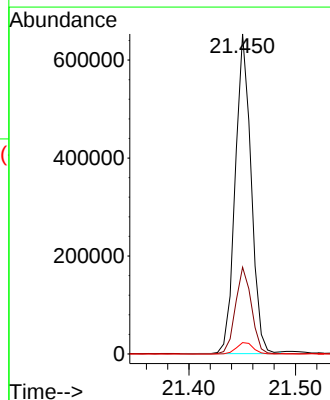
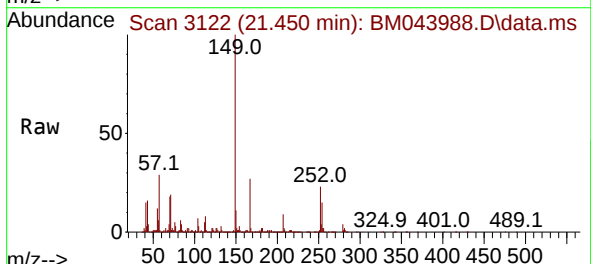
Manual Integrations
APPROVED

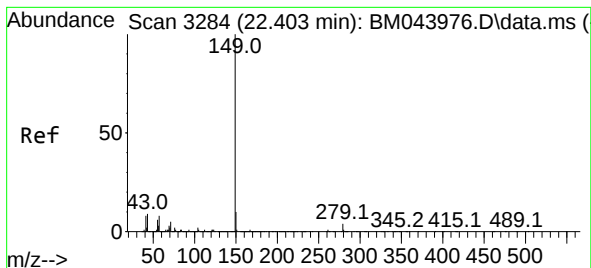
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 9.569 ng
RT: 21.450 min Scan# 3122
Delta R.T. -0.006 min
Lab File: BM043988.D
Acq: 06 Feb 2024 12:50

Tgt Ion:149 Resp: 677200
Ion Ratio Lower Upper
149 100
167 27.1 22.0 33.0
279 3.6 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 9.041 ng

RT: 22.397 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM043988.D

Acq: 06 Feb 2024 12:50

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2023

Tgt Ion:149 Resp: 1102298

Ion Ratio Lower Upper

149 100

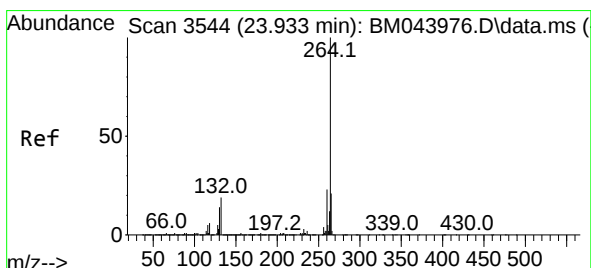
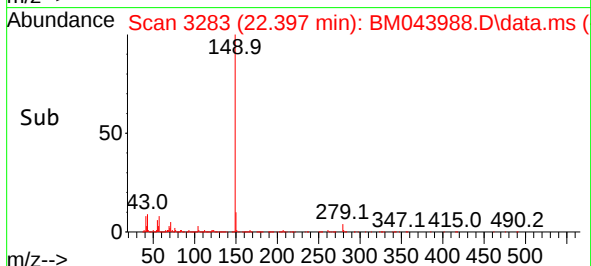
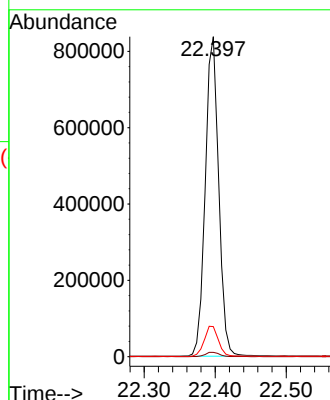
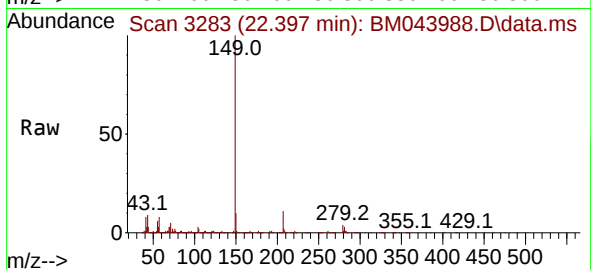
167 1.5 1.2 1.8

43 10.1 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.927 min Scan# 3543

Delta R.T. -0.006 min

Lab File: BM043988.D

Acq: 06 Feb 2024 12:50

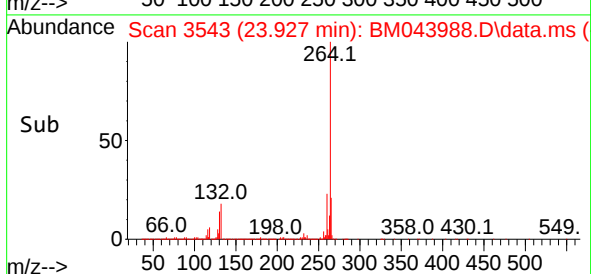
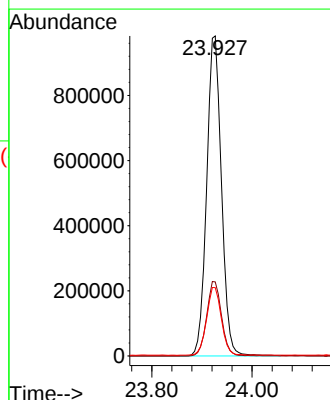
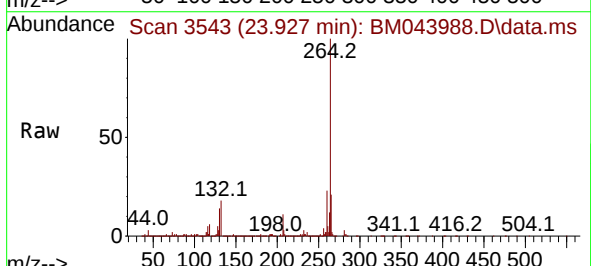
Tgt Ion:264 Resp: 2008919

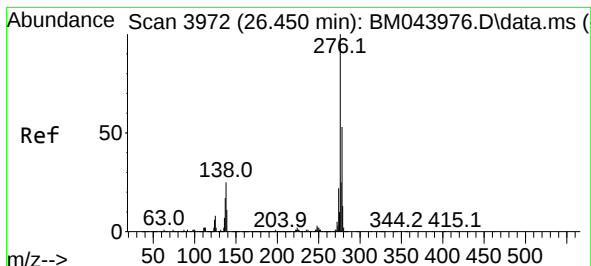
Ion Ratio Lower Upper

264 100

260 23.2 18.6 28.0

265 21.3 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 9.712 ng

RT: 26.426 min Scan# 3972

Delta R.T. -0.024 min

Lab File: BM043988.D

Acq: 06 Feb 2024 12:50

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2023

Tgt Ion:276 Resp: 1459984

Ion Ratio Lower Upper

276 100

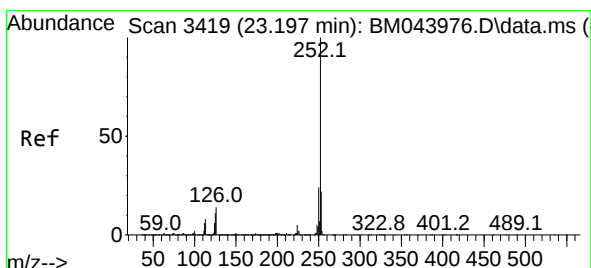
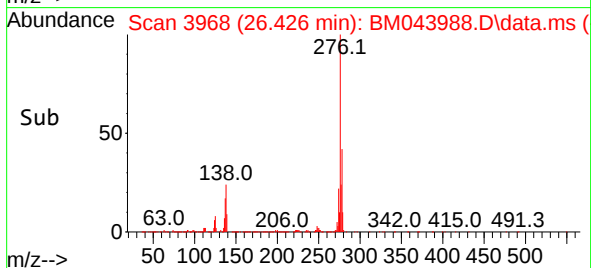
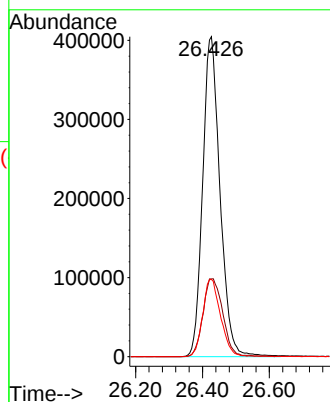
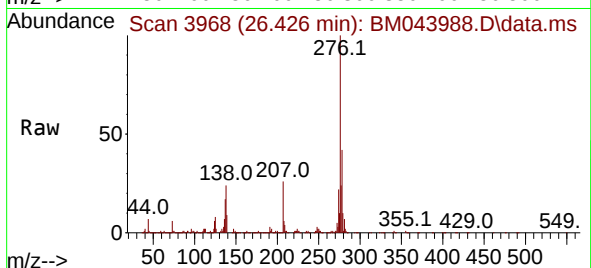
138 27.8 21.8 32.6

277 24.8 19.9 29.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#88

Benzo(b)fluoranthene

Concen: 9.999 ng

RT: 23.191 min Scan# 3418

Delta R.T. -0.006 min

Lab File: BM043988.D

Acq: 06 Feb 2024 12:50

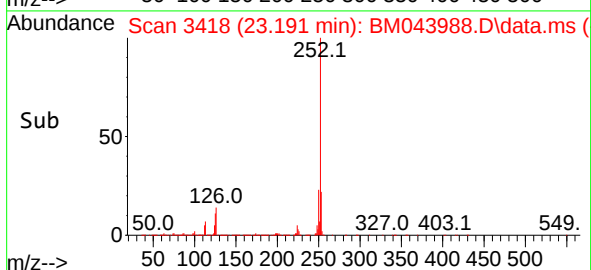
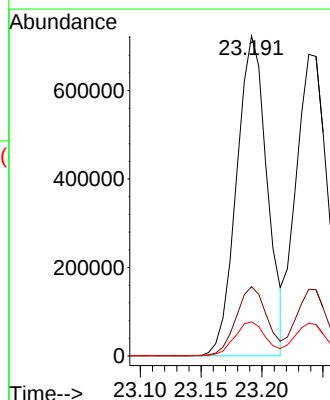
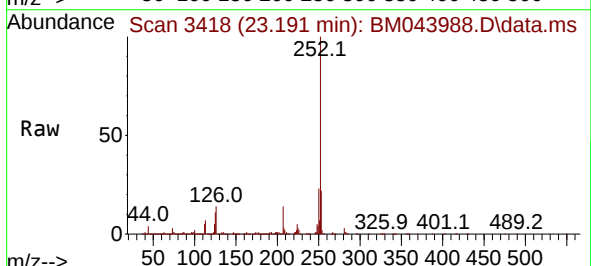
Tgt Ion:252 Resp: 1263484

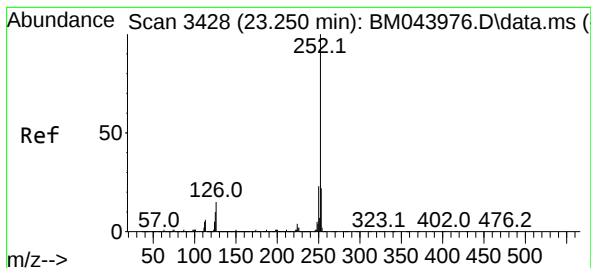
Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

125 10.6 9.0 13.6





#89

Benzo(k)fluoranthene

Concen: 10.256 ng

RT: 23.238 min Scan# 34

Delta R.T. -0.012 min

Lab File: BM043988.D

Acq: 06 Feb 2024 12:50

Instrument :

BNA_M

ClientSampleId :

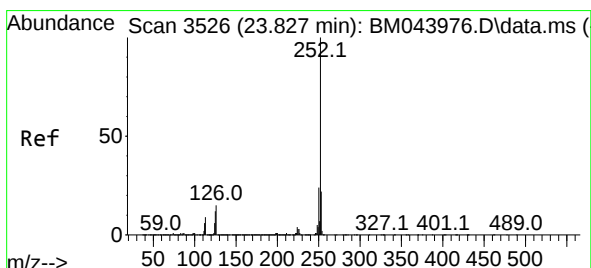
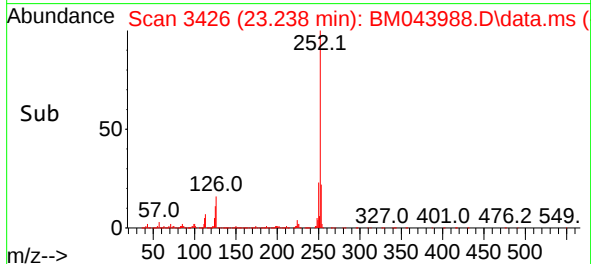
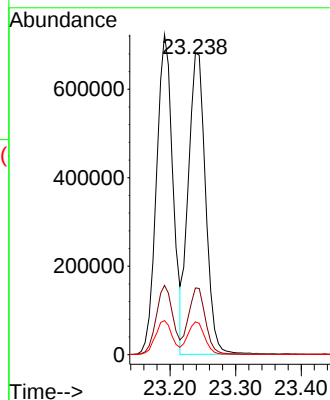
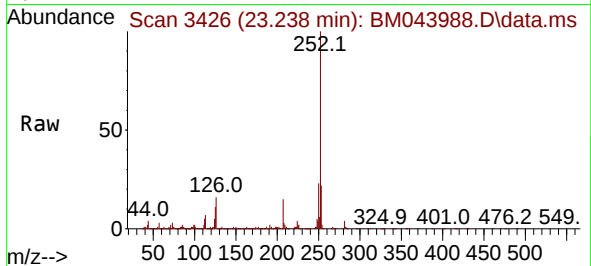
LOQ-WATER-02-QT3-2023

Tgt Ion:252 Resp: 1243340
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.4 26.2
 125 10.9 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024
 Supervised By :mohammad ahmed 02/08/2024



#90

Benzo(a)pyrene

Concen: 9.807 ng

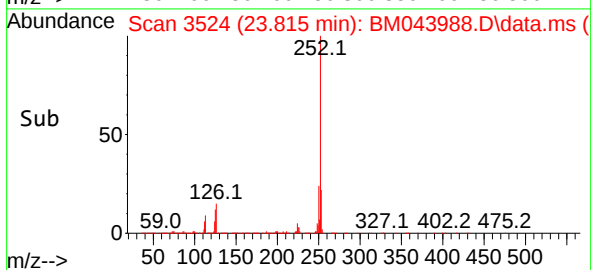
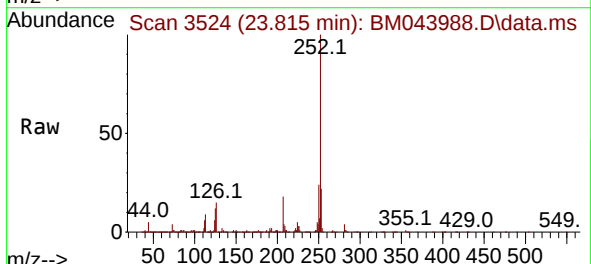
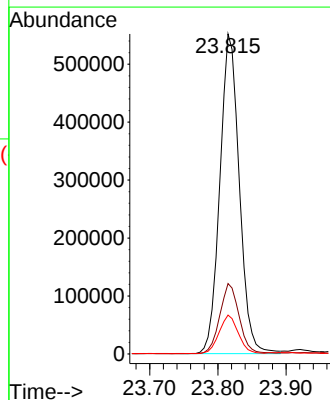
RT: 23.815 min Scan# 3524

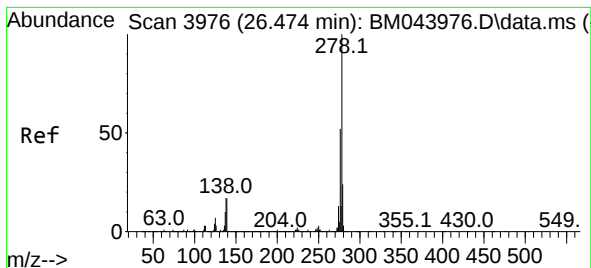
Delta R.T. -0.012 min

Lab File: BM043988.D

Acq: 06 Feb 2024 12:50

Tgt Ion:252 Resp: 1095411
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.7 26.5
 125 12.1 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 9.754 ng

RT: 26.450 min Scan# 3976

Delta R.T. -0.024 min

Lab File: BM043988.D

Acq: 06 Feb 2024 12:50

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2023

Tgt Ion:278 Resp: 1209209

Ion Ratio Lower Upper

278 100

139 17.4 13.7 20.5

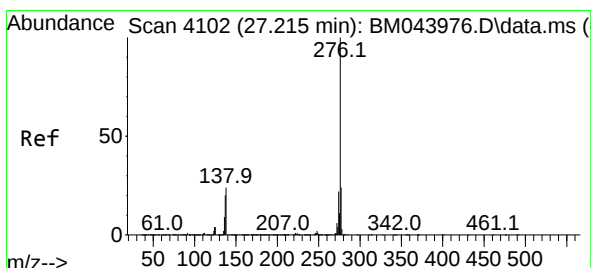
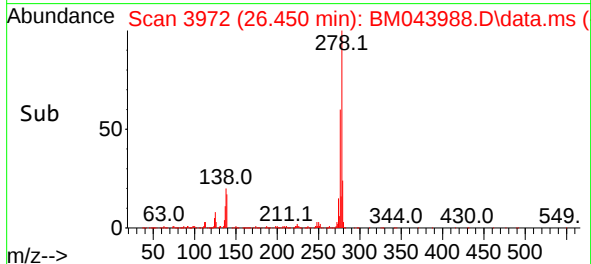
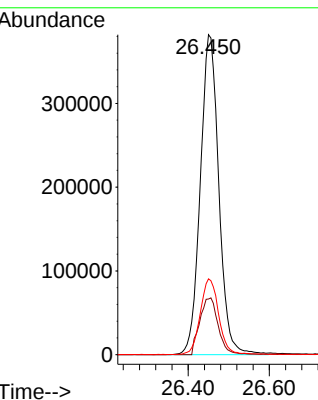
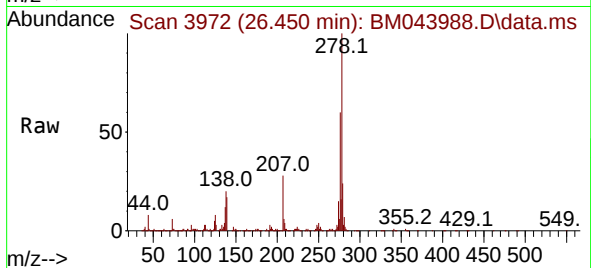
279 23.7 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024

Supervised By :mohammad ahmed 02/08/2024



#92

Benzo(g,h,i)perylene

Concen: 9.331 ng

RT: 27.191 min Scan# 4098

Delta R.T. -0.024 min

Lab File: BM043988.D

Acq: 06 Feb 2024 12:50

Tgt Ion:276 Resp: 1179942

Ion Ratio Lower Upper

276 100

277 24.3 19.0 28.4

138 23.4 18.8 28.2

