

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020624\
 Data File : BM043987.D
 Acq On : 06 Feb 2024 12:14
 Operator : MA/JU
 Sample : 03572-08
 Misc : LOQ-WATER-5PPM
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Feb 07 03:05:11 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	251206	20.000	ng	0.00
21) Naphthalene-d8	10.727	136	1158576	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	737180	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	1644540	20.000	ng	0.00
76) Chrysene-d12	21.515	240	1705091	20.000	ng	0.00
86) Perylene-d12	23.927	264	2028831	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1923097	113.051	ng	0.00
7) Phenol-d6	7.087	99	2616769	104.113	ng	0.00
23) Nitrobenzene-d5	9.092	82	2191056	91.164	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	948162	105.514	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	4898439	91.305	ng	0.00
79) Terphenyl-d14	19.962	244	8664254	98.092	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.393	88	37133	5.648	ng	# 92
3) Pyridine	3.799	79	95514	4.774	ng	# 92
4) n-Nitrosodimethylamine	3.722	42	43142	5.016	ng	# 97
6) Aniline	7.251	93	139503	5.578	ng	97
8) 2-Chlorophenol	7.481	128	86653	4.588	ng	99
9) Benzaldehyde	7.069	77	94092	3.803	ng	97
10) Phenol	7.110	94	122932	4.919	ng	91
11) bis(2-Chloroethyl)ether	7.357	93	101131	5.163	ng	98
12) 1,3-Dichlorobenzene	7.804	146	102401	5.022	ng	97
13) 1,4-Dichlorobenzene	7.957	146	105568	5.119	ng	99
14) 1,2-Dichlorobenzene	8.269	146	100673	4.950	ng	96
15) Benzyl Alcohol	8.169	79	84583m	4.910	ng	
16) 2,2'-oxybis(1-Chloropr...	8.463	45	143844m	5.476	ng	
17) 2-Methylphenol	8.363	107	71422	4.471	ng	96
18) Hexachloroethane	8.992	117	38580	4.985	ng	96
19) n-Nitroso-di-n-propyla...	8.733	70	80621	4.875	ng	98
20) 3+4-Methylphenols	8.692	107	99810	4.427	ng	97
22) Acetophenone	8.751	105	162943	5.191	ng	97
24) Nitrobenzene	9.133	77	124725	5.172	ng	100
25) Isophorone	9.657	82	206798	4.622	ng	99
26) 2-Nitrophenol	9.839	139	39296	4.032	ng	98
27) 2,4-Dimethylphenol	9.904	122	66920	5.001	ng	100
28) bis(2-Chloroethoxy)met...	10.151	93	140991	5.160	ng	97
29) 2,4-Dichlorophenol	10.375	162	74266	4.351	ng	97
30) 1,2,4-Trichlorobenzene	10.586	180	96419	5.001	ng	97
31) Naphthalene	10.775	128	317671	4.919	ng	99
32) Benzoic acid	9.957	122	33716	8.656	ng	95
33) 4-Chloroaniline	10.898	127	131998	4.973	ng	98
34) Hexachlorobutadiene	11.051	225	51016	4.852	ng	97
35) Caprolactam	11.663	113	26891	3.842	ng	92
36) 4-Chloro-3-methylphenol	12.016	107	87377	4.180	ng	99
37) 2-Methylnaphthalene	12.386	142	215738	4.791	ng	99
38) 1-Methylnaphthalene	12.610	142	213821	4.756	ng	98
40) 1,2,4,5-Tetrachloroben...	12.751	216	105387	5.041	ng	100
41) Hexachlorocyclopentadiene	12.727	237	39062	5.681	ng	94
43) 2,4,6-Trichlorophenol	12.998	196	57640	4.079	ng	95

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Instrument :
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 LOQ-WATER-02-QT3-2023

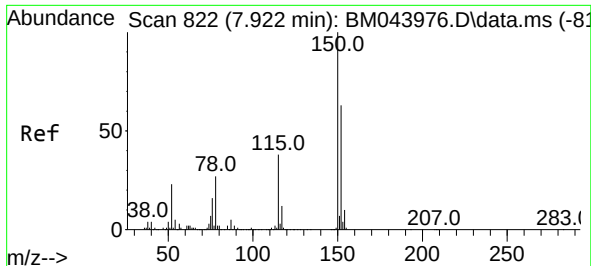
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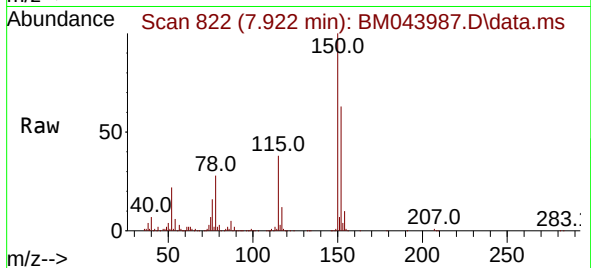
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.063	196	66263	4.111	ng	97
46) 1,1'-Biphenyl	13.404	154	293490	5.063	ng	99
47) 2-Chloronaphthalene	13.439	162	226936	4.909	ng	99
48) 2-Nitroaniline	13.651	65	61574	4.095	ng	92
49) Acenaphthylene	14.286	152	365788	5.176	ng	99
50) Dimethylphthalate	14.033	163	279379	4.879	ng	100
51) 2,6-Dinitrotoluene	14.151	165	53388	4.242	ng	90
52) Acenaphthene	14.627	154	217688	4.859	ng	100
53) 3-Nitroaniline	14.480	138	63688	4.359	ng	96
54) 2,4-Dinitrophenol	14.686	184	17276	9.428	ng	96
55) Dibenzofuran	14.963	168	356922	5.119	ng	99
56) 4-Nitrophenol	14.780	139	47802	3.743	ng	96
57) 2,4-Dinitrotoluene	14.933	165	65148	3.718	ng	# 89
58) Fluorene	15.615	166	283628	4.817	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.186	232	62770	4.517	ng	97
60) Diethylphthalate	15.398	149	278162	4.693	ng	98
61) 4-Chlorophenyl-phenyle...	15.615	204	134741	4.905	ng	99
62) 4-Nitroaniline	15.639	138	63760	3.991	ng	98
63) Azobenzene	15.910	77	278860	4.710	ng	98
65) 4,6-Dinitro-2-methylph...	15.692	198	26150	8.441	ng	90
66) n-Nitrosodiphenylamine	15.833	169	239034	4.880	ng	100
67) 4-Bromophenyl-phenylether	16.515	248	69015	4.260	ng	95
68) Hexachlorobenzene	16.609	284	92191	4.773	ng	99
69) Atrazine	16.792	200	74700	5.512	ng	98
70) Pentachlorophenol	16.962	266	41843	3.299	ng	94
71) Phenanthrene	17.356	178	473139	5.165	ng	99
72) Anthracene	17.451	178	440703	4.914	ng	99
73) Carbazole	17.727	167	433843	4.671	ng	100
74) Di-n-butylphthalate	18.303	149	434838	4.269	ng	99
75) Fluoranthene	19.380	202	524450	4.630	ng	98
77) Benzidine	19.580	184	206134	9.528	ng	99
78) Pyrene	19.745	202	563494	4.808	ng	99
80) Butylbenzylphthalate	20.668	149	185110	3.988	ng	99
81) Benzo(a)anthracene	21.503	228	599966	5.015	ng	98
82) 3,3'-Dichlorobenzidine	21.444	252	185854	4.859	ng	99
83) Chrysene	21.556	228	573503	5.004	ng	99
84) Bis(2-ethylhexyl)phtha...	21.450	149	283459	4.107	ng	99
85) Di-n-octyl phthalate	22.397	149	453176	3.811	ng	99
87) Indeno(1,2,3-cd)pyrene	26.432	276	709692	4.675	ng	100
88) Benzo(b)fluoranthene	23.191	252	612817	4.802	ng	99
89) Benzo(k)fluoranthene	23.244	252	570261	4.658	ng	99
90) Benzo(a)pyrene	23.815	252	517999	4.592	ng	100
91) Dibenzo(a,h)anthracene	26.456	278	586590	4.685	ng	99
92) Benzo(g,h,i)perylene	27.191	276	576320	4.513	ng	98

(#) = 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: BM043987.D
Acq: 06 Feb 2024 12:14

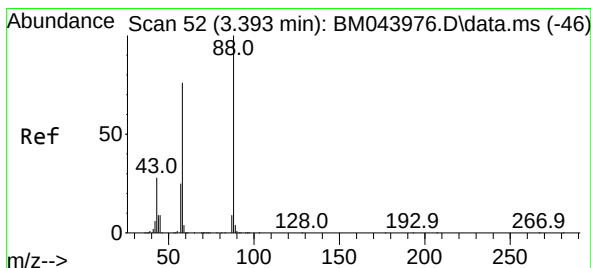
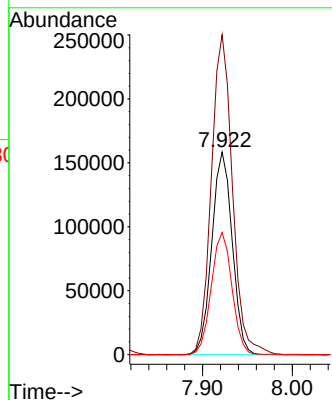
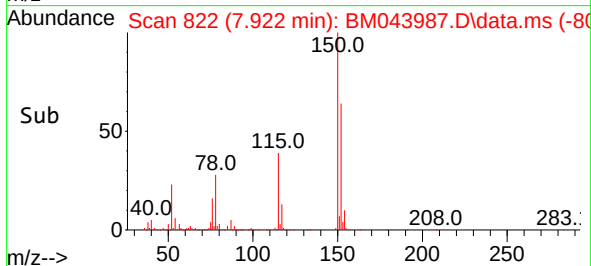
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2023



Tgt Ion:152 Resp: 251200
Ion Ratio Lower Upper
152 100
150 157.8 126.1 189.1
115 60.3 48.2 72.2

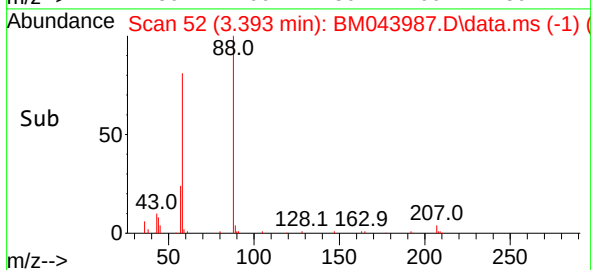
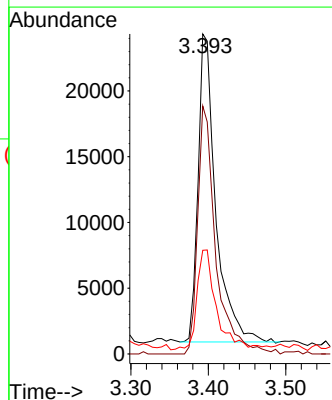
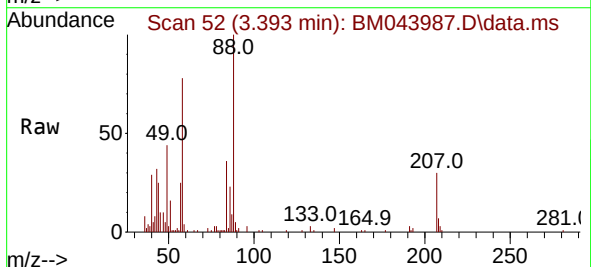
Manual Integrations
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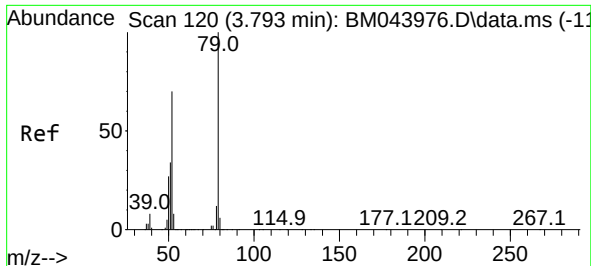
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#2
1,4-Dioxane
Concen: 5.648 ng
RT: 3.393 min Scan# 52
Delta R.T. -0.000 min
Lab File: BM043987.D
Acq: 06 Feb 2024 12:14

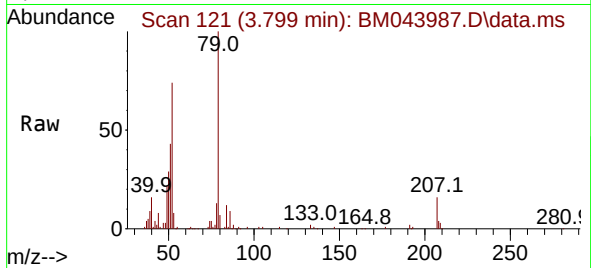
Tgt Ion: 88 Resp: 37133
Ion Ratio Lower Upper
88 100
58 82.4 61.0 91.6
43 34.6 23.0 34.6#





#3
Pyridine
Concen: 4.774 ng
RT: 3.799 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM043987.D
Acq: 06 Feb 2024 12:14

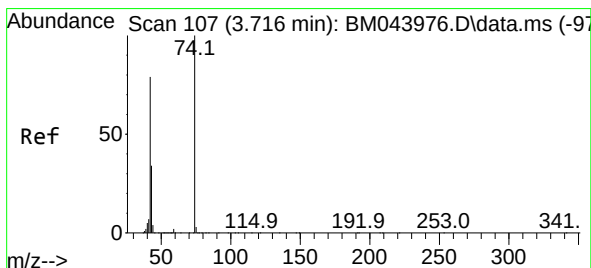
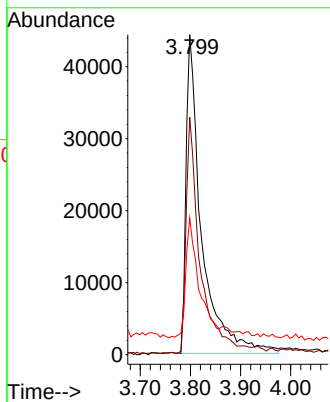
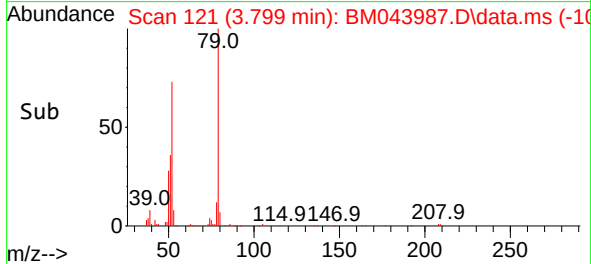
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2023



Tgt Ion: 79 Resp: 95514
Ion Ratio Lower Upper
79 100
52 74.2 55.9 83.9
51 42.7 28.2 42.2

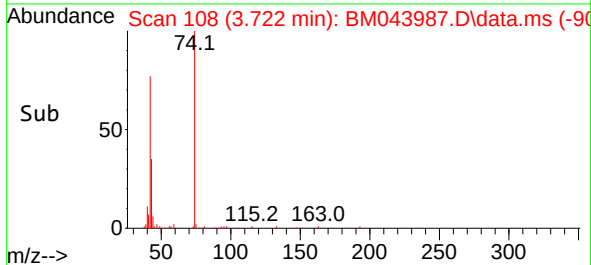
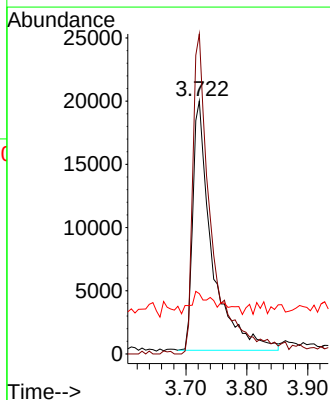
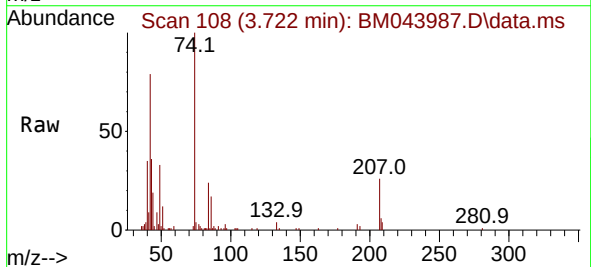
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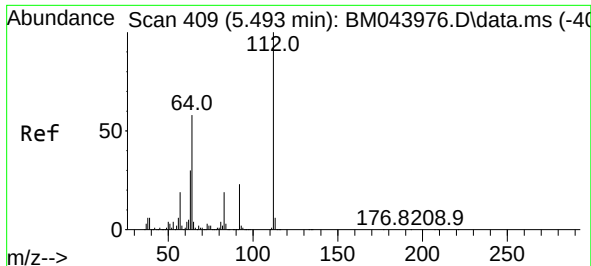
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#4
n-Nitrosodimethylamine
Concen: 5.016 ng
RT: 3.722 min Scan# 108
Delta R.T. 0.006 min
Lab File: BM043987.D
Acq: 06 Feb 2024 12:14

Tgt Ion: 42 Resp: 43142
Ion Ratio Lower Upper
42 100
74 126.5 100.7 151.1
44 23.9 7.3 10.9





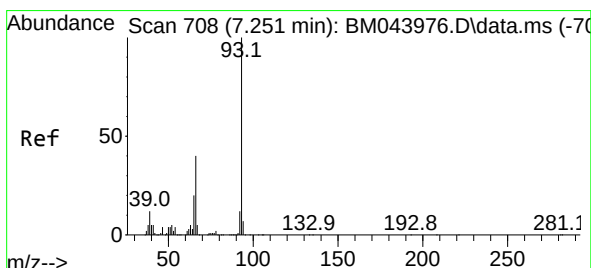
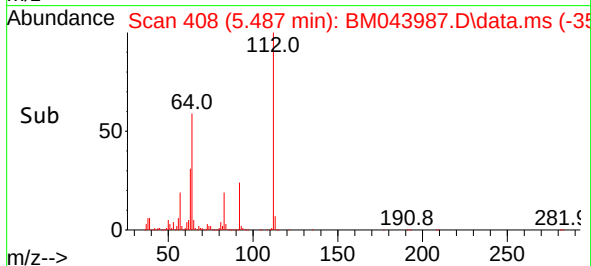
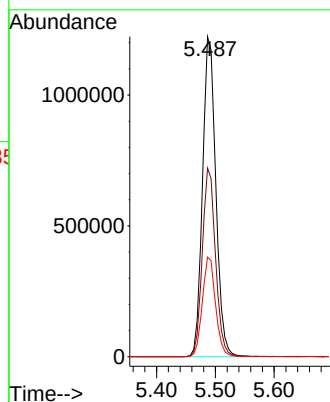
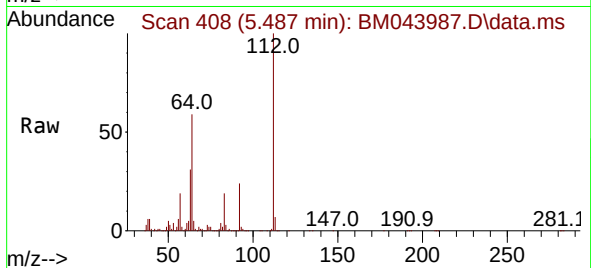
#5
2-Fluorophenol
Concen: 113.051 ng
RT: 5.487 min Scan# 409
Delta R.T. -0.006 min
Lab File: BM043987.D
Acq: 06 Feb 2024 12:14

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

Tgt Ion:112 Resp: 192309
Ion Ratio Lower Upper
112 100
64 59.0 46.6 70.0
63 31.1 24.2 36.4

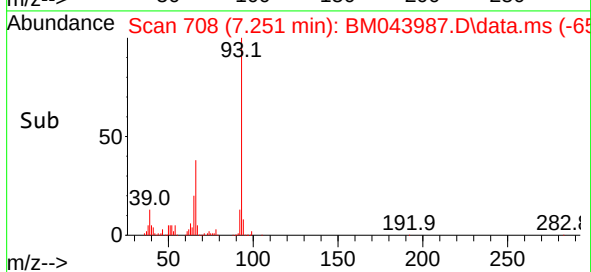
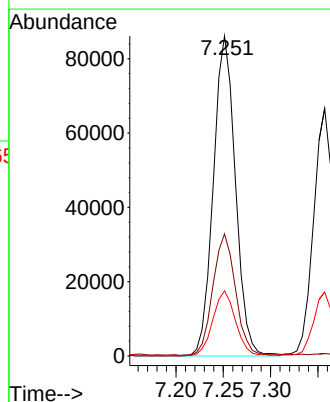
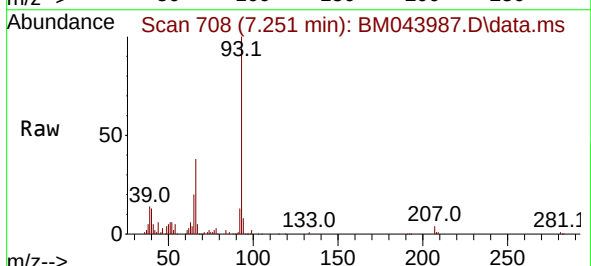
Manual Integrations
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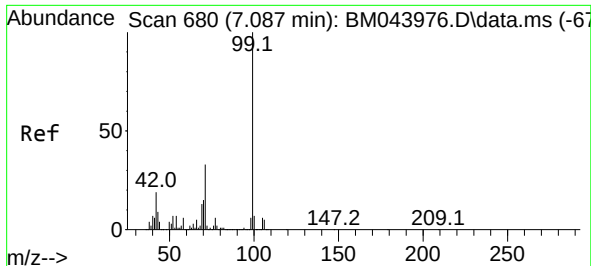
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#6
Aniline
Concen: 5.578 ng
RT: 7.251 min Scan# 708
Delta R.T. -0.000 min
Lab File: BM043987.D
Acq: 06 Feb 2024 12:14

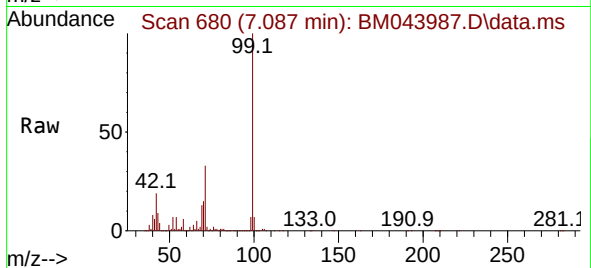
Tgt Ion: 93 Resp: 139503
Ion Ratio Lower Upper
93 100
66 38.1 32.2 48.2
65 20.3 15.8 23.8





#7
Phenol-d6
Concen: 104.113 ng
RT: 7.087 min Scan# 680
Delta R.T. -0.000 min
Lab File: BM043987.D
Acq: 06 Feb 2024 12:14

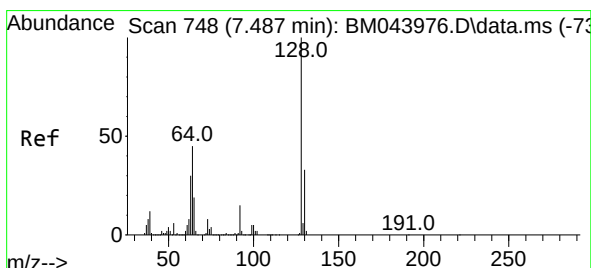
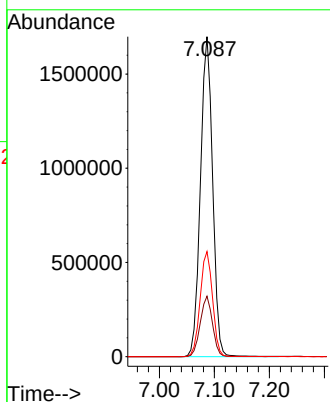
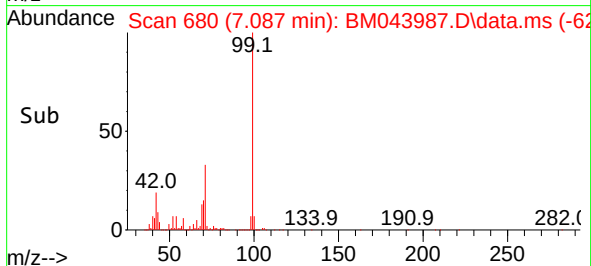
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2023



Tgt Ion: 99 Resp: 261676
Ion Ratio Lower Upper
99 100
42 18.9 14.9 22.3
71 32.9 26.3 39.5

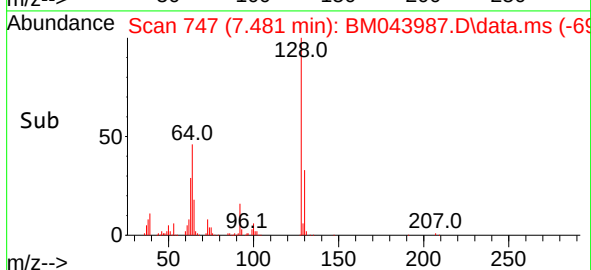
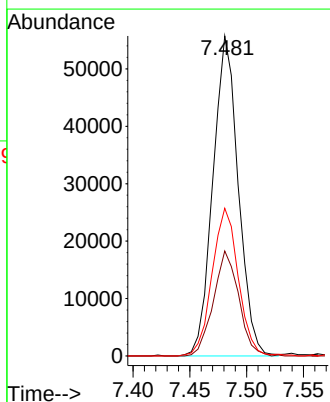
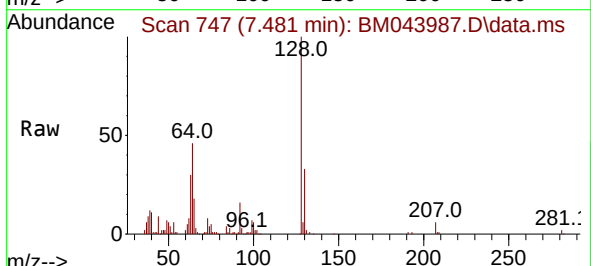
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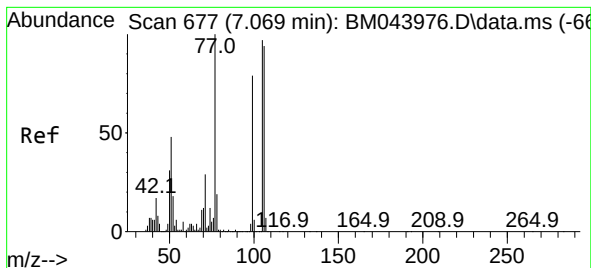
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#8
2-Chlorophenol
Concen: 4.588 ng
RT: 7.481 min Scan# 747
Delta R.T. -0.006 min
Lab File: BM043987.D
Acq: 06 Feb 2024 12:14

Tgt Ion:128 Resp: 86653
Ion Ratio Lower Upper
128 100
130 32.8 12.9 52.9
64 46.2 25.6 65.6





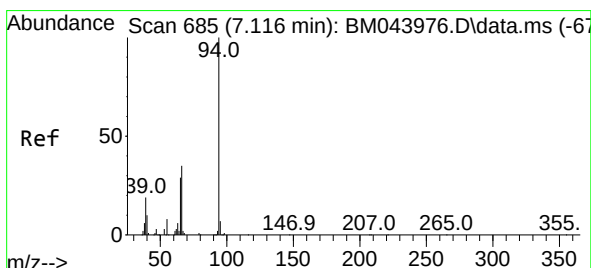
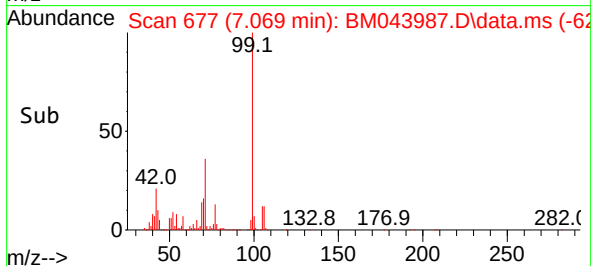
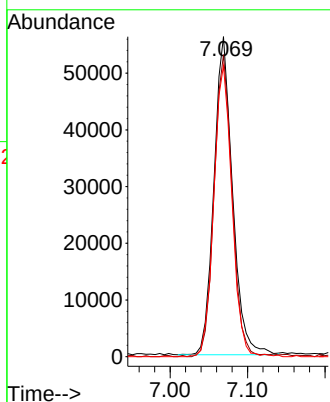
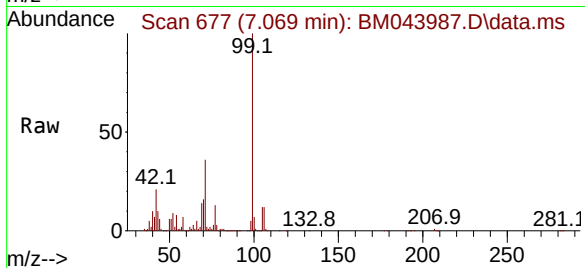
#9
Benzaldehyde
Concen: 3.803 ng
RT: 7.069 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM043987.D
Acq: 06 Feb 2024 12:14

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

Tgt Ion: 77 Resp: 94092
Ion Ratio Lower Upper
77 100
105 94.3 77.4 117.4
106 91.0 73.5 113.5

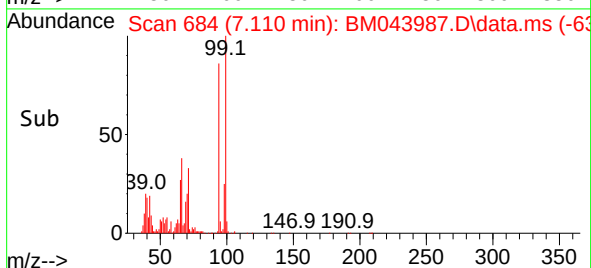
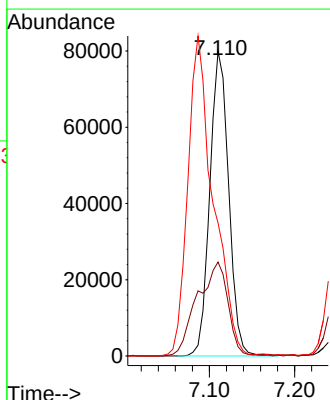
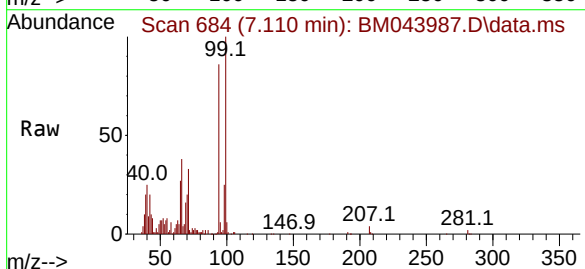
Manual Integrations
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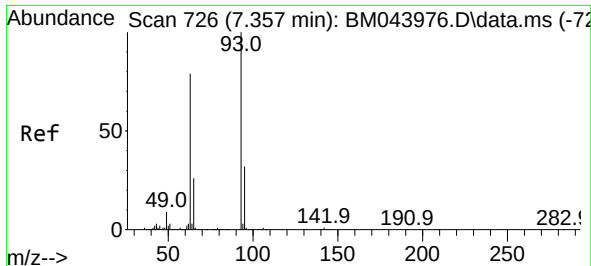
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#10
Phenol
Concen: 4.919 ng
RT: 7.110 min Scan# 684
Delta R.T. -0.006 min
Lab File: BM043987.D
Acq: 06 Feb 2024 12:14

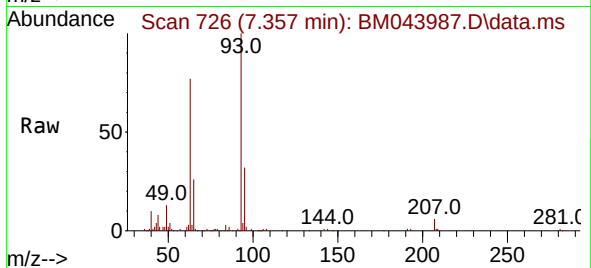
Tgt Ion: 94 Resp: 122932
Ion Ratio Lower Upper
94 100
65 30.8 9.3 49.3
66 43.6 15.7 55.7





#11
bis(2-Chloroethyl)ether
Concen: 5.163 ng
RT: 7.357 min Scan# 726
Delta R.T. -0.000 min
Lab File: BM043987.D
Acq: 06 Feb 2024 12:14

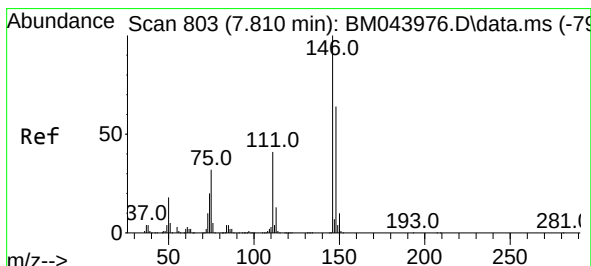
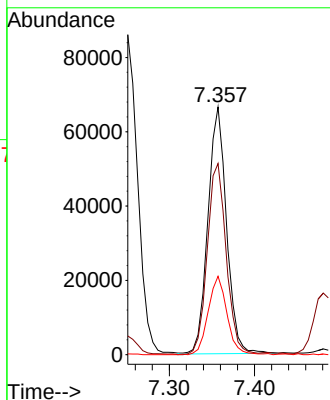
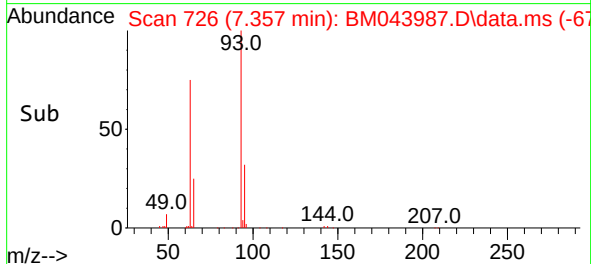
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2023



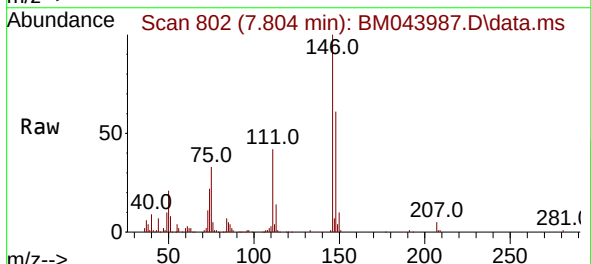
Tgt Ion: 93 Resp: 10113
Ion Ratio Lower Upper
93 100
63 77.2 59.0 99.0
95 31.6 11.9 51.9

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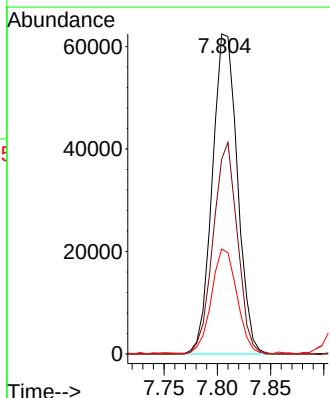
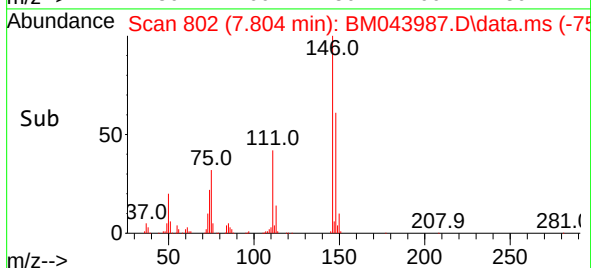
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024

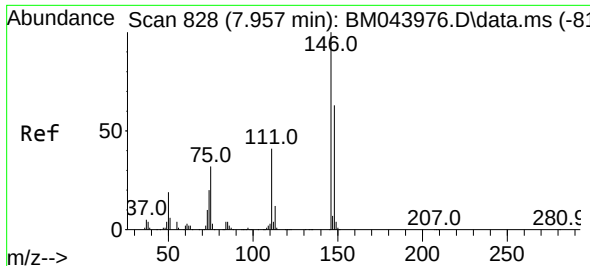


#12
1,3-Dichlorobenzene
Concen: 5.022 ng
RT: 7.804 min Scan# 802
Delta R.T. -0.006 min
Lab File: BM043987.D
Acq: 06 Feb 2024 12:14



Tgt Ion:146 Resp: 102401
Ion Ratio Lower Upper
146 100
148 60.9 51.0 76.6
75 32.8 26.1 39.1





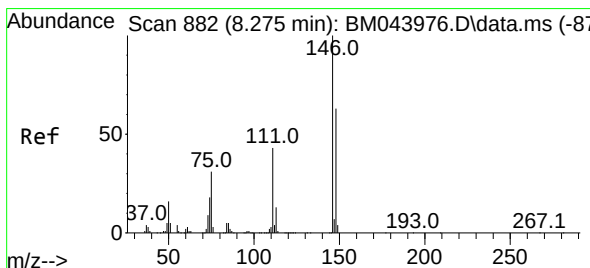
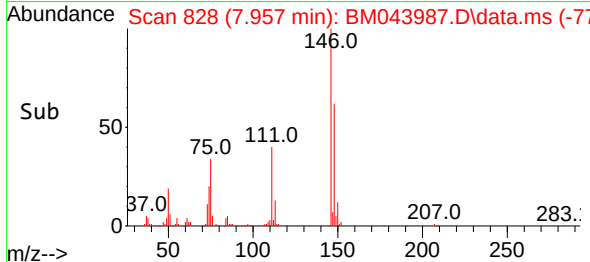
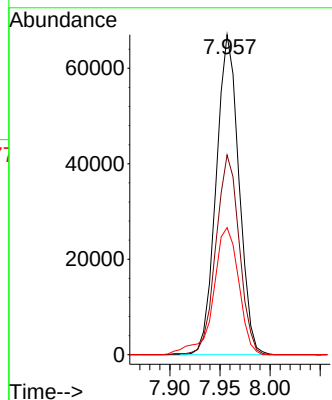
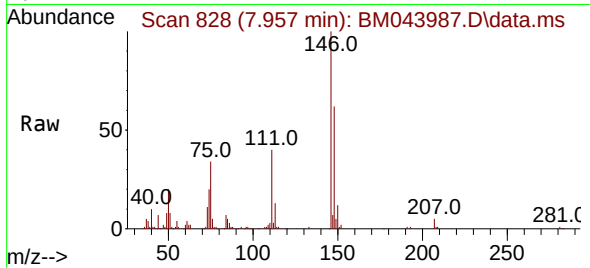
#13
1,4-Dichlorobenzene
Concen: 5.119 ng
RT: 7.957 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM043987.D
Acq: 06 Feb 2024 12:14

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

Tgt Ion:146 Resp: 10556
Ion Ratio Lower Upper
146 100
148 62.4 50.7 76.1
111 39.7 32.6 49.0

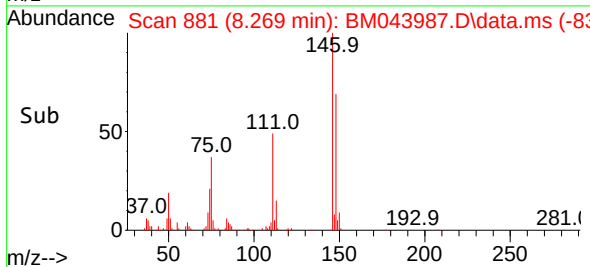
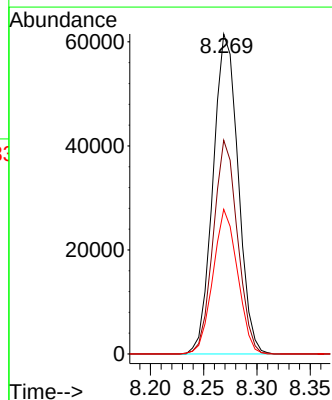
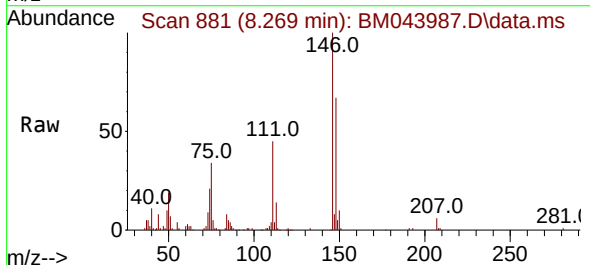
Manual Integrations
APPROVED

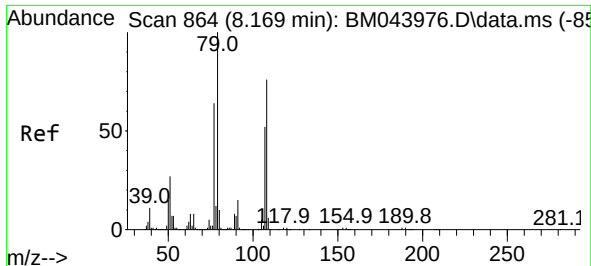
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#14
1,2-Dichlorobenzene
Concen: 4.950 ng
RT: 8.269 min Scan# 881
Delta R.T. -0.006 min
Lab File: BM043987.D
Acq: 06 Feb 2024 12:14

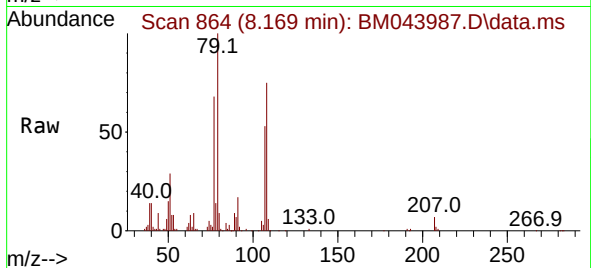
Tgt Ion:146 Resp: 100673
Ion Ratio Lower Upper
146 100
148 66.8 50.3 75.5
111 45.2 34.3 51.5





#15
Benzyl Alcohol
Concen: 4.910 ng m
RT: 8.169 min Scan# 80
Delta R.T. -0.000 min
Lab File: BM043987.D
Acq: 06 Feb 2024 12:14

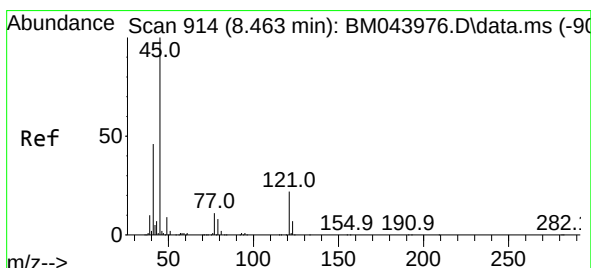
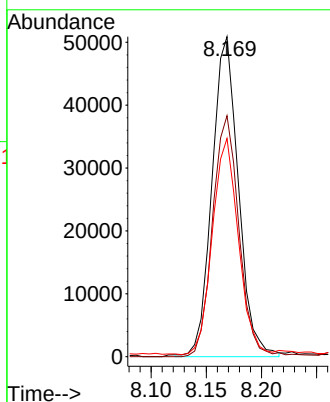
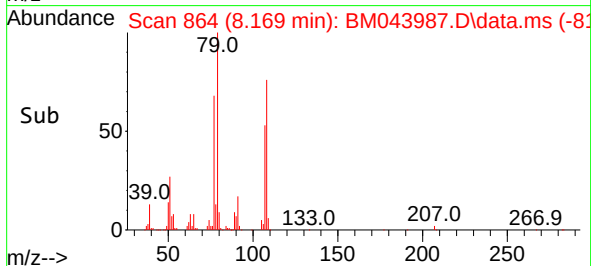
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2023



Tgt Ion: 79 Resp: 8458
Ion Ratio Lower Upper
79 100
108 75.3 60.7 91.1
77 68.2 50.9 76.3

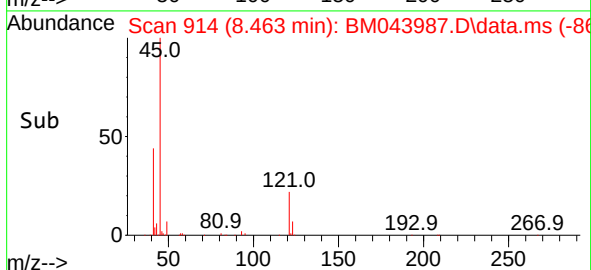
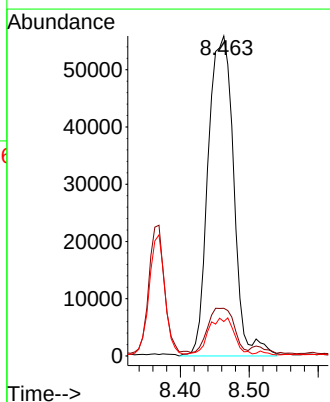
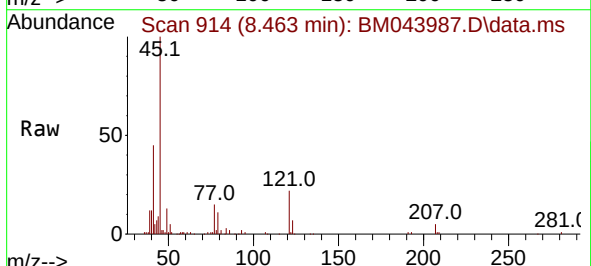
Manual Integrations
APPROVED

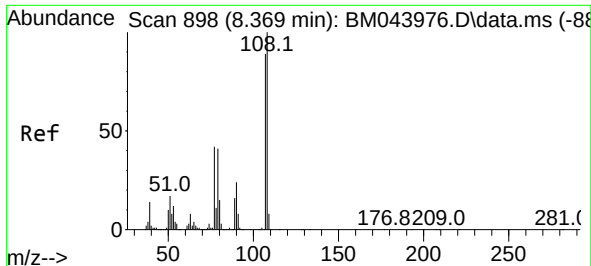
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.476 ng m
RT: 8.463 min Scan# 914
Delta R.T. -0.000 min
Lab File: BM043987.D
Acq: 06 Feb 2024 12:14

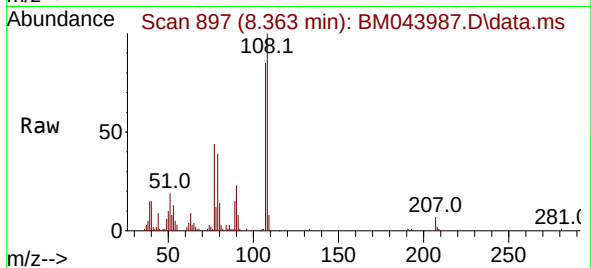
Tgt Ion: 45 Resp: 143844
Ion Ratio Lower Upper
45 100
77 14.9 0.0 34.4
79 10.8 0.0 31.2





#17
2-Methylphenol
Concen: 4.471 ng
RT: 8.363 min Scan# 898
Delta R.T. -0.006 min
Lab File: BM043987.D
Acq: 06 Feb 2024 12:14

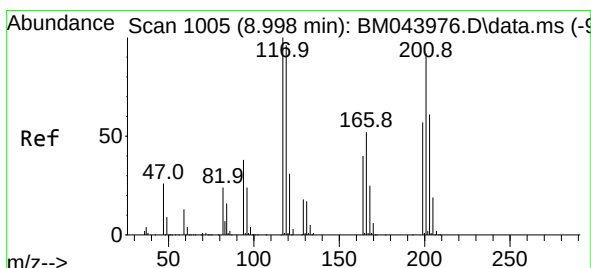
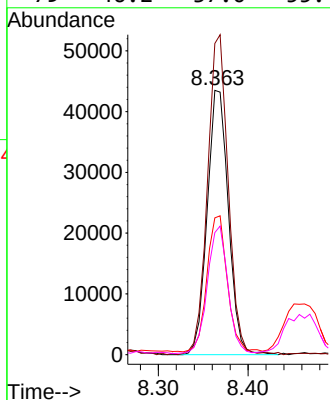
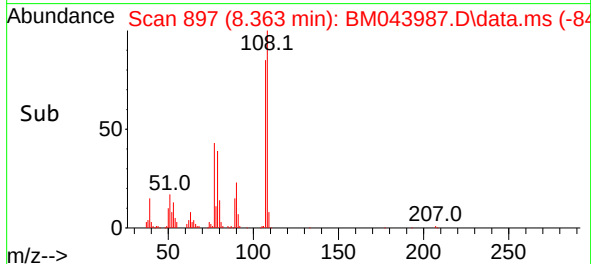
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2023



Tgt Ion:	107	Resp:	7142
Ion	Ratio	Lower	Upper
107	100		
108	117.7	90.4	135.6
77	51.7	38.0	57.0
79	46.2	37.0	55.4

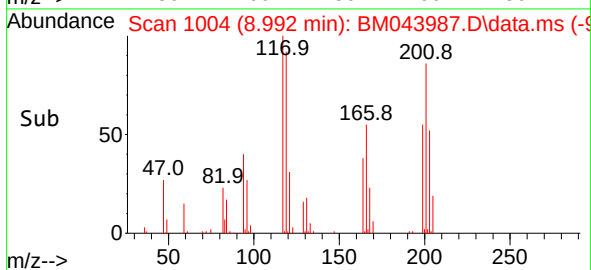
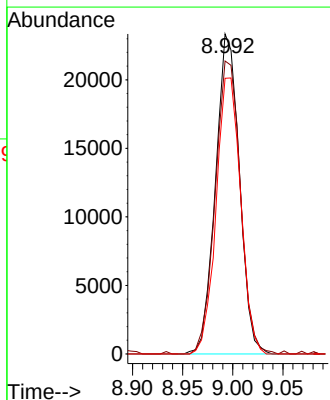
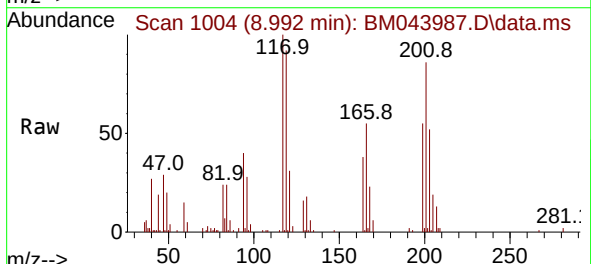
Manual Integrations
APPROVED

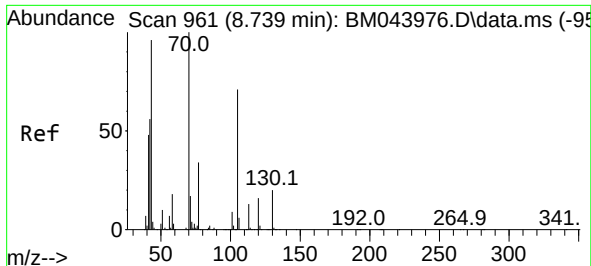
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#18
Hexachloroethane
Concen: 4.985 ng
RT: 8.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BM043987.D
Acq: 06 Feb 2024 12:14

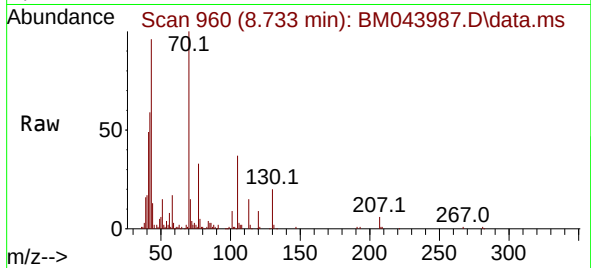
Tgt Ion:	117	Resp:	38580
Ion	Ratio	Lower	Upper
117	100		
119	91.6	76.7	115.1
201	87.8	73.4	110.2





#19
n-Nitroso-di-n-propylamine
Concen: 4.875 ng
RT: 8.733 min Scan# 961
Delta R.T. -0.006 min
Lab File: BM043987.D
Acq: 06 Feb 2024 12:14

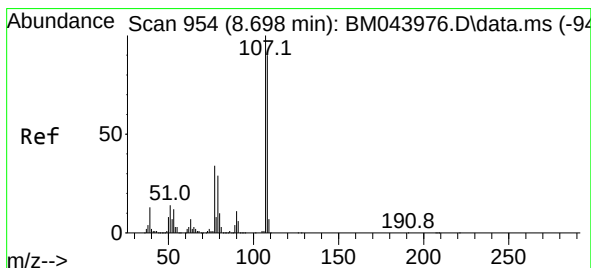
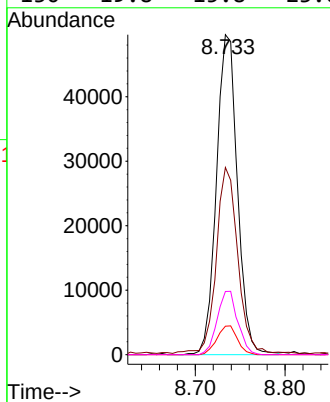
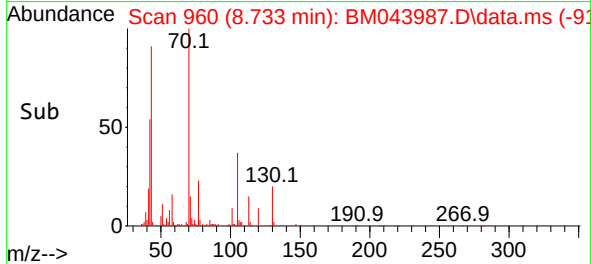
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2023



Tgt Ion: 70 Resp: 8062
Ion Ratio Lower Upper
70 100
42 58.5 45.6 68.4
101 8.9 7.5 11.3
130 19.8 15.8 23.6

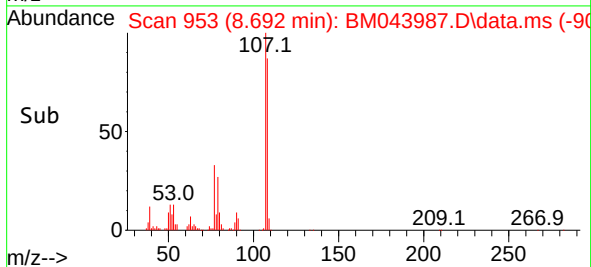
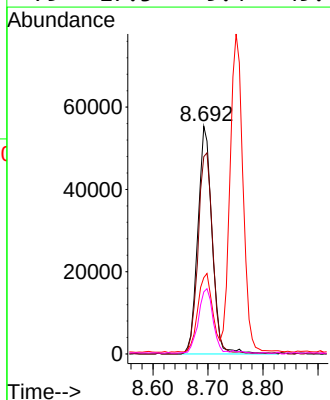
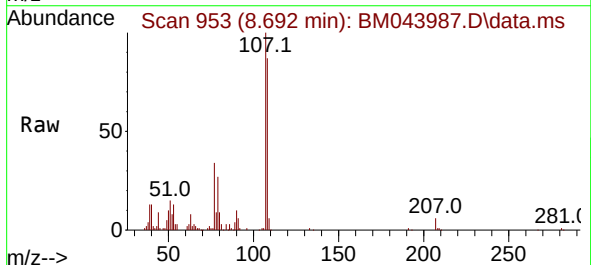
Manual Integrations
APPROVED

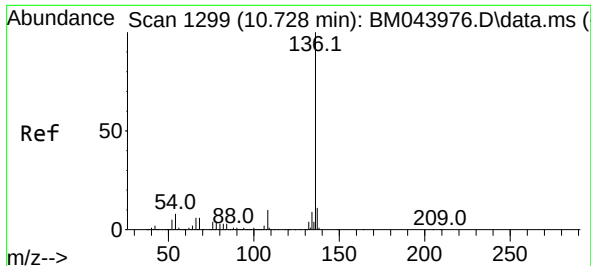
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#20
3+4-Methylphenols
Concen: 4.427 ng
RT: 8.692 min Scan# 953
Delta R.T. -0.006 min
Lab File: BM043987.D
Acq: 06 Feb 2024 12:14

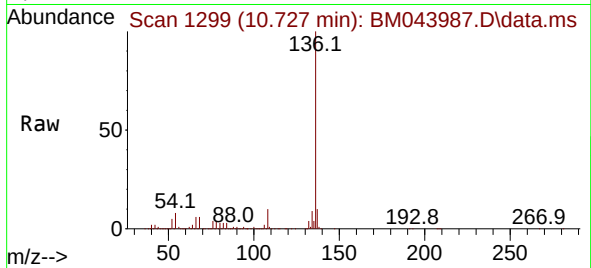
Tgt Ion:107 Resp: 99810
Ion Ratio Lower Upper
107 100
108 86.6 70.3 110.3
77 33.5 14.0 54.0
79 27.3 9.4 49.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.727 min Scan# 11
Delta R.T. -0.001 min
Lab File: BM043987.D
Acq: 06 Feb 2024 12:14

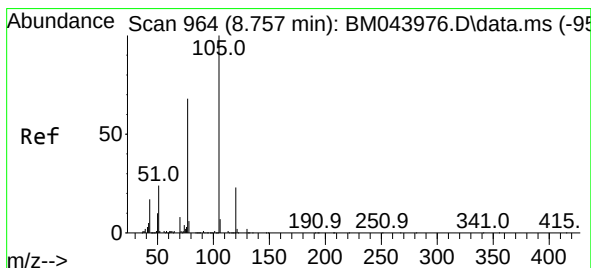
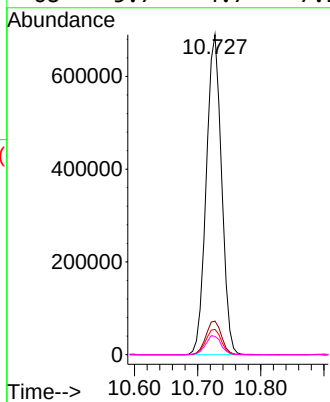
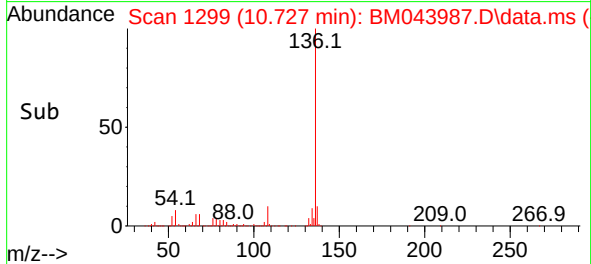
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2023



Tgt Ion:136 Resp: 1158570
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 7.9 6.5 9.7
68 5.7 4.7 7.1

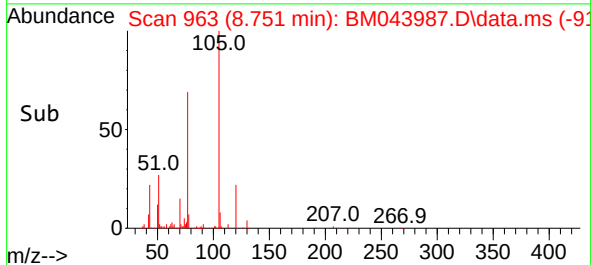
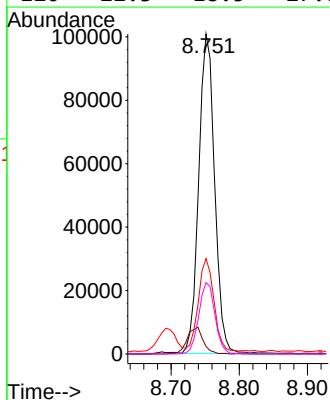
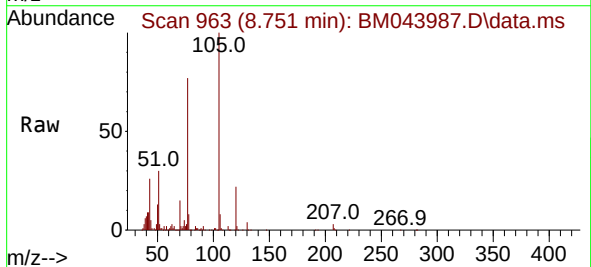
Manual Integrations
APPROVED

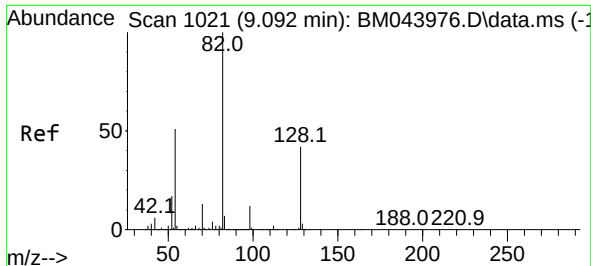
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#22
Acetophenone
Concen: 5.191 ng
RT: 8.751 min Scan# 963
Delta R.T. -0.006 min
Lab File: BM043987.D
Acq: 06 Feb 2024 12:14

Tgt Ion:105 Resp: 162943
Ion Ratio Lower Upper
105 100
71 2.3 1.6 2.4
51 29.8 21.8 32.6
120 22.3 18.5 27.7





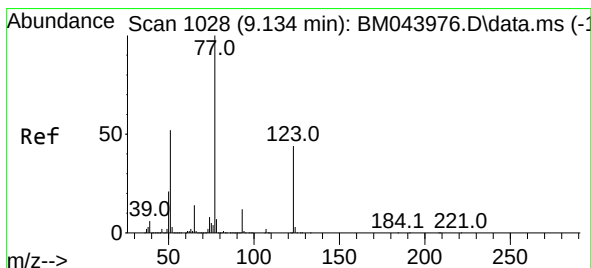
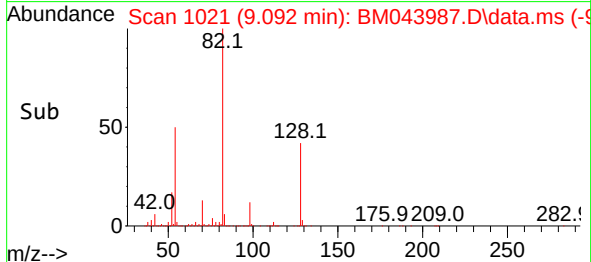
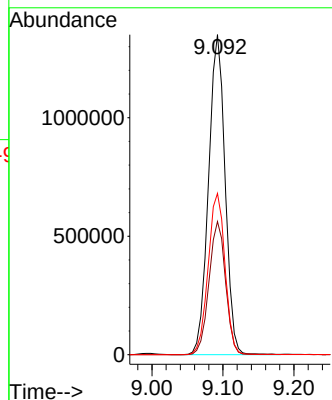
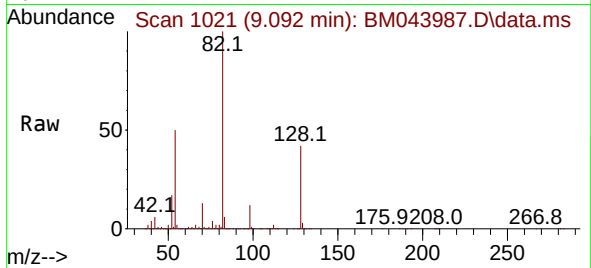
#23
Nitrobenzene-d5
Concen: 91.164 ng
RT: 9.092 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BM043987.D
Acq: 06 Feb 2024 12:14

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

Tgt Ion: 82 Resp: 2191056
Ion Ratio Lower Upper
82 100
128 41.6 33.9 50.9
54 50.4 41.1 61.7

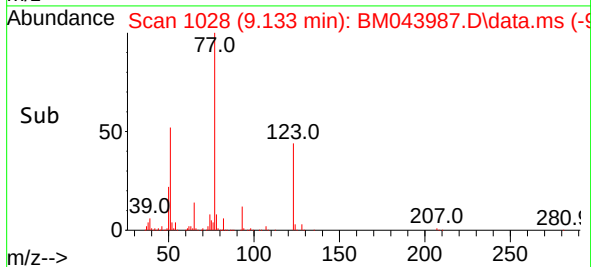
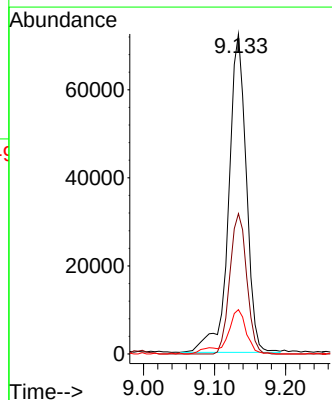
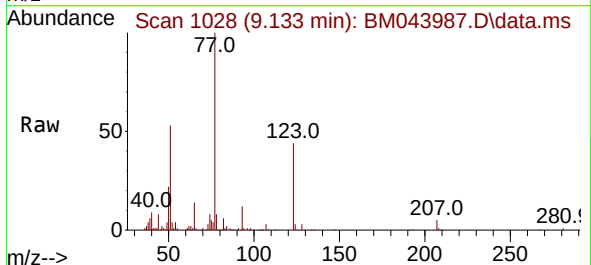
Manual Integrations
APPROVED

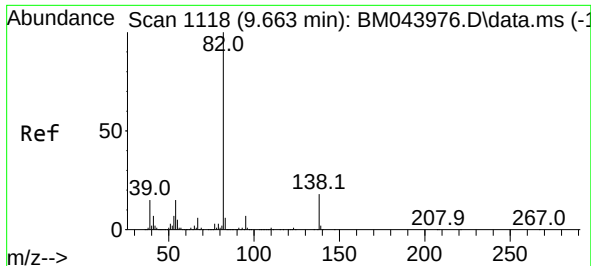
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#24
Nitrobenzene
Concen: 5.172 ng
RT: 9.133 min Scan# 1028
Delta R.T. -0.000 min
Lab File: BM043987.D
Acq: 06 Feb 2024 12:14

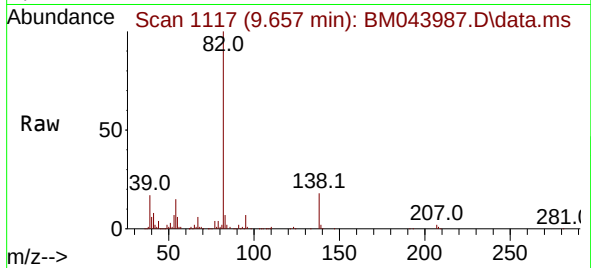
Tgt Ion: 77 Resp: 124725
Ion Ratio Lower Upper
77 100
123 43.9 35.3 52.9
65 13.8 10.9 16.3





#25
Isophorone
Concen: 4.622 ng
RT: 9.657 min Scan# 1117
Delta R.T. -0.006 min
Lab File: BM043987.D
Acq: 06 Feb 2024 12:14

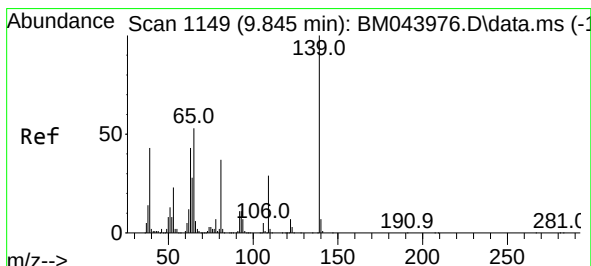
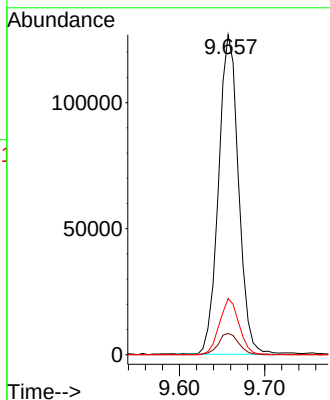
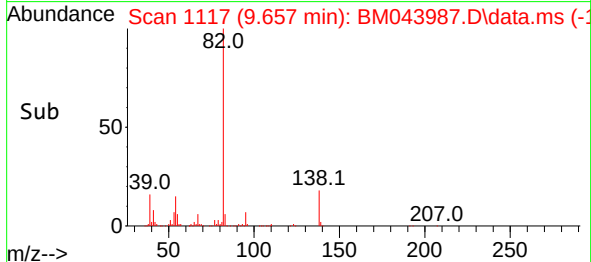
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2023



Tgt Ion: 82 Resp: 206798
Ion Ratio Lower Upper
82 100
95 6.7 5.6 8.4
138 17.6 14.2 21.2

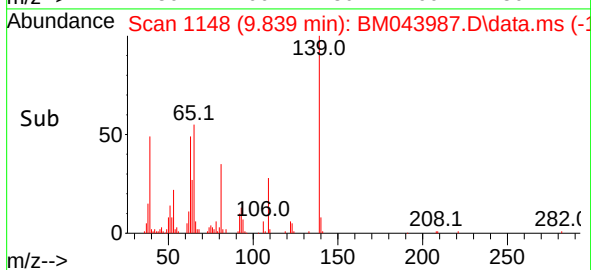
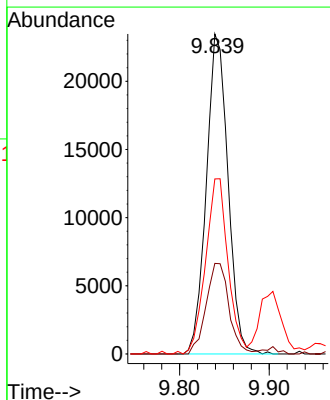
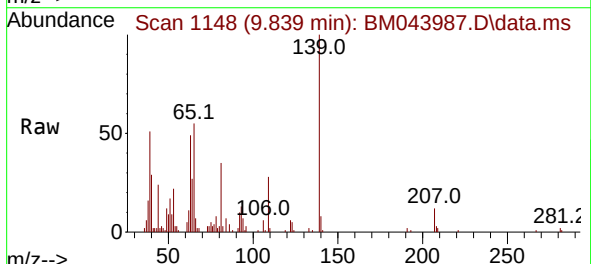
Manual Integrations
APPROVED

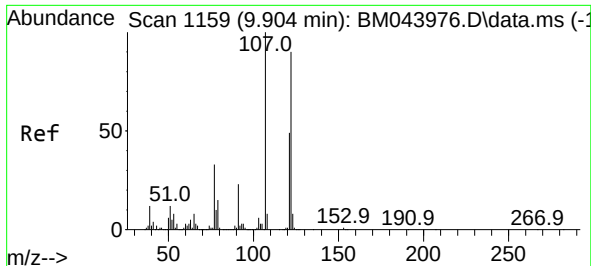
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#26
2-Nitrophenol
Concen: 4.032 ng
RT: 9.839 min Scan# 1148
Delta R.T. -0.006 min
Lab File: BM043987.D
Acq: 06 Feb 2024 12:14

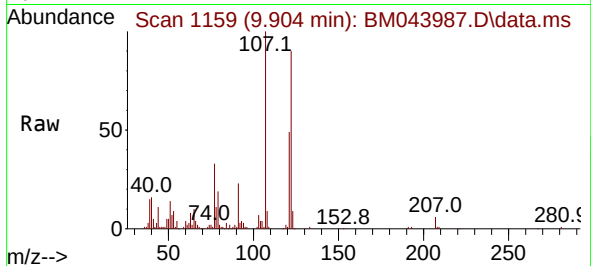
Tgt Ion:139 Resp: 39296
Ion Ratio Lower Upper
139 100
109 28.3 23.3 34.9
65 54.7 42.5 63.7





#27
2,4-Dimethylphenol
Concen: 5.001 ng
RT: 9.904 min Scan# 1159
Delta R.T. -0.000 min
Lab File: BM043987.D
Acq: 06 Feb 2024 12:14

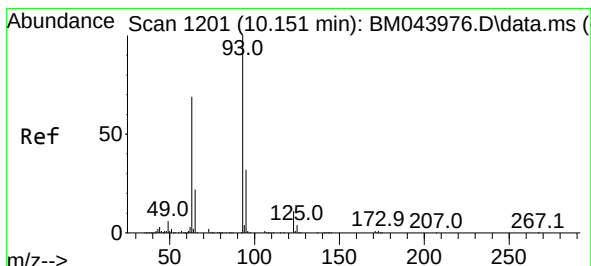
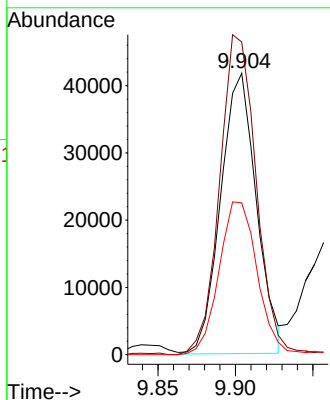
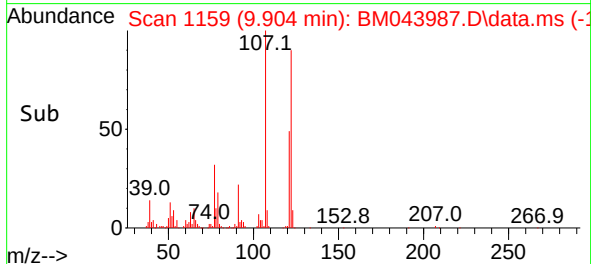
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2023



Tgt Ion:122 Resp: 66920
Ion Ratio Lower Upper
122 100
107 111.1 89.0 133.4
121 53.9 43.4 65.0

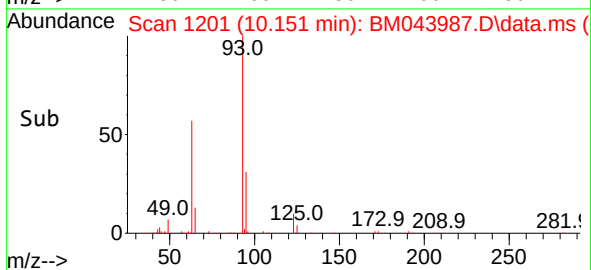
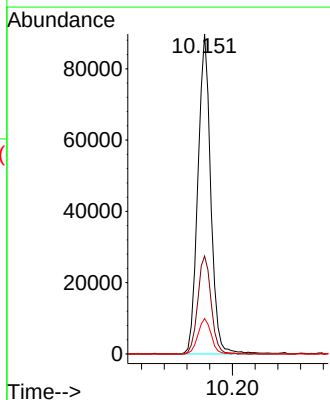
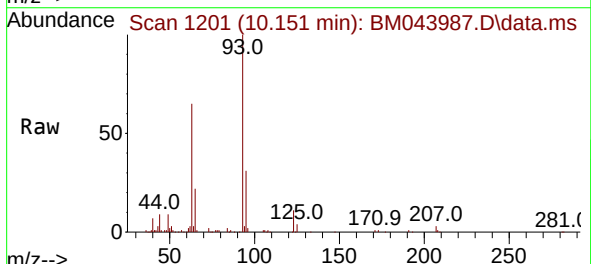
Manual Integrations
APPROVED

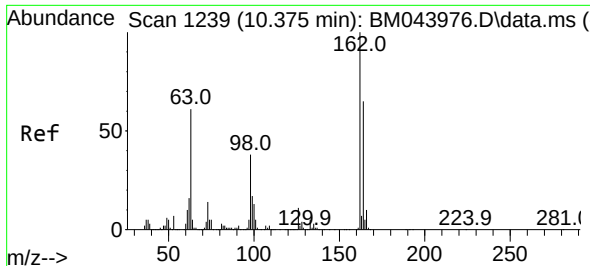
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#28
bis(2-Chloroethoxy)methane
Concen: 5.160 ng
RT: 10.151 min Scan# 1201
Delta R.T. -0.000 min
Lab File: BM043987.D
Acq: 06 Feb 2024 12:14

Tgt Ion: 93 Resp: 140991
Ion Ratio Lower Upper
93 100
95 30.6 25.9 38.9
123 11.0 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 4.351 ng

RT: 10.375 min Scan# 1239

Delta R.T. -0.000 min

Lab File: BM043987.D

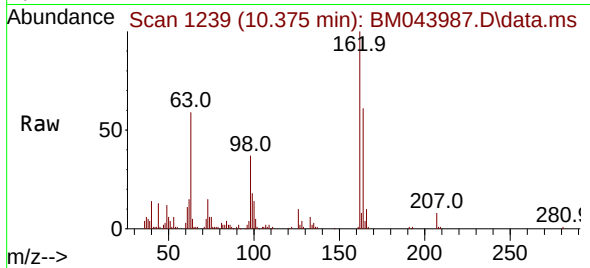
Acq: 06 Feb 2024 12:14

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2023

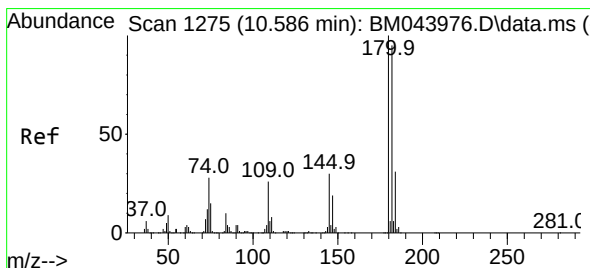
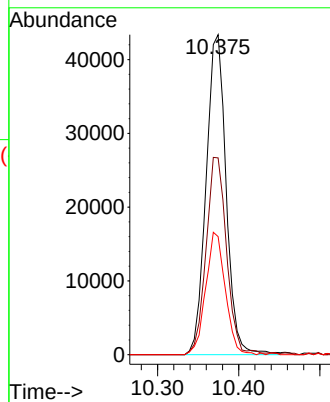
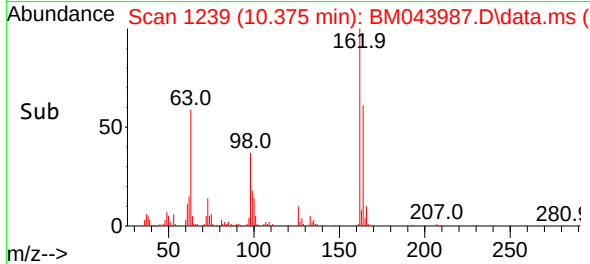


Tgt Ion	Ratio	Lower	Upper
162	100		
164	61.5	45.1	85.1
98	36.9	17.8	57.8

Manual Integrations

APPROVED

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



#30

1,2,4-Trichlorobenzene

Concen: 5.001 ng

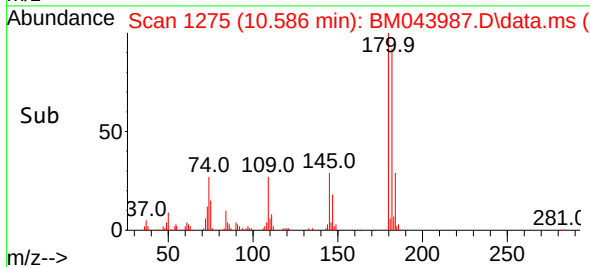
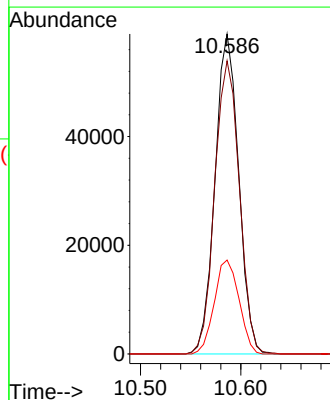
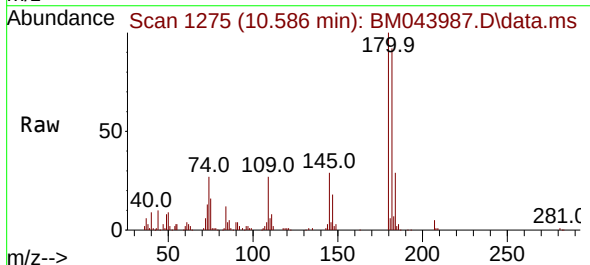
RT: 10.586 min Scan# 1275

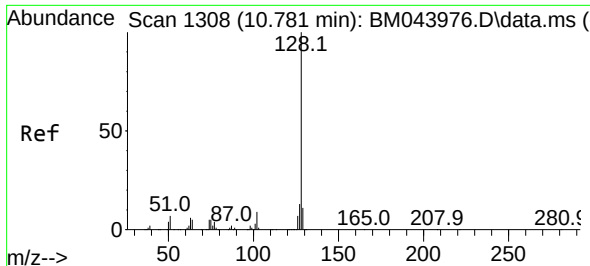
Delta R.T. -0.000 min

Lab File: BM043987.D

Acq: 06 Feb 2024 12:14

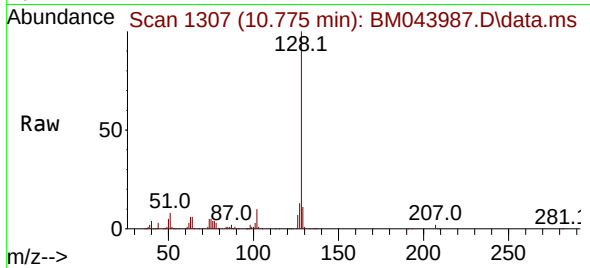
Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.6	76.0	114.0
145	29.3	24.2	36.2





#31
Naphthalene
Concen: 4.919 ng
RT: 10.775 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BM043987.D
Acq: 06 Feb 2024 12:14

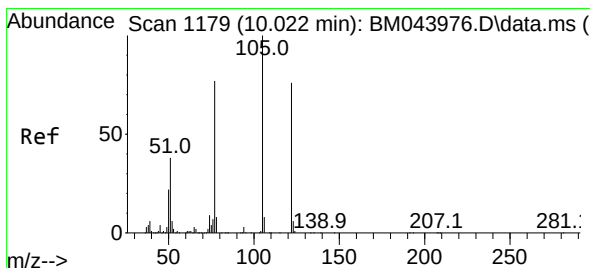
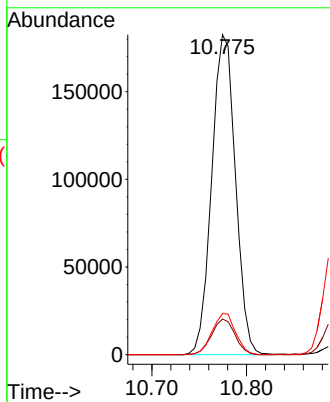
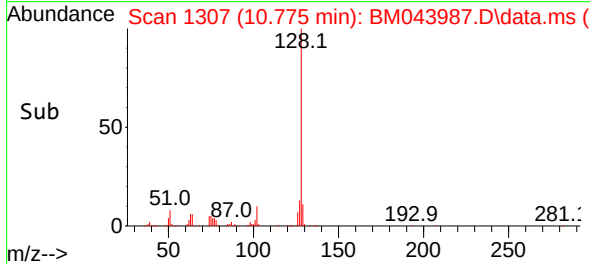
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2023



Tgt Ion:128 Resp: 31767
Ion Ratio Lower Upper
128 100
129 11.1 8.4 12.6
127 12.9 10.1 15.1

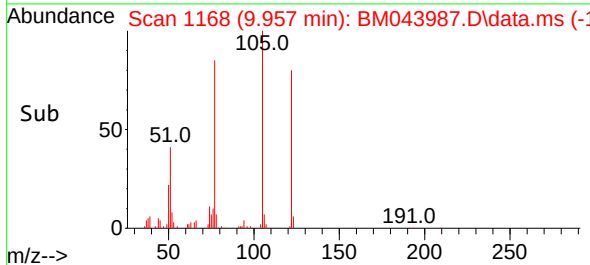
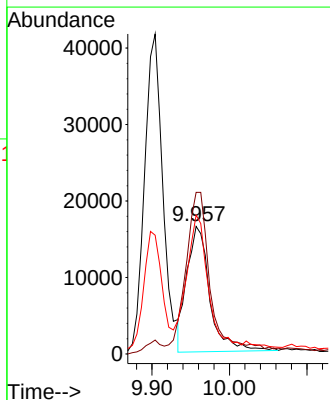
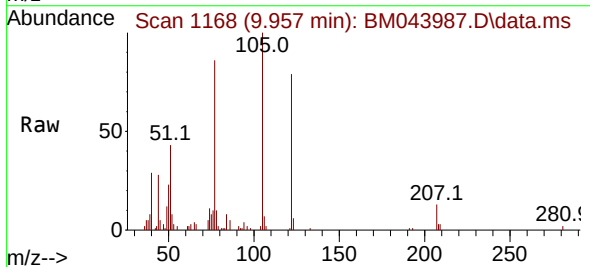
Manual Integrations
APPROVED

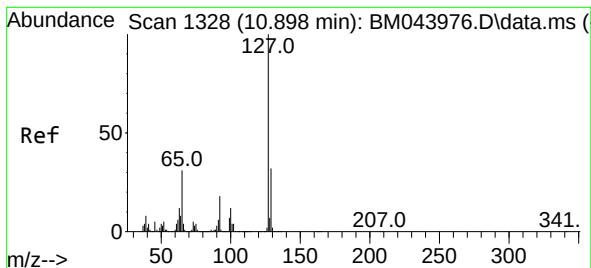
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#32
Benzoic acid
Concen: 8.656 ng
RT: 9.957 min Scan# 1168
Delta R.T. -0.065 min
Lab File: BM043987.D
Acq: 06 Feb 2024 12:14

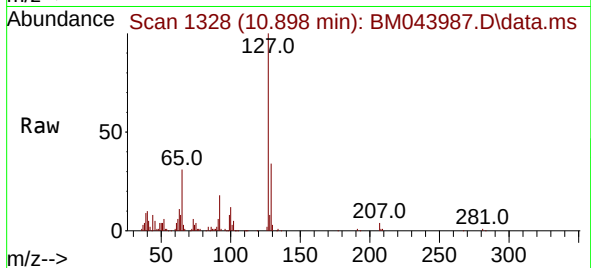
Tgt Ion:122 Resp: 33716
Ion Ratio Lower Upper
122 100
105 126.7 109.4 149.4
77 108.9 80.5 120.5





#33
4-Chloroaniline
Concen: 4.973 ng
RT: 10.898 min Scan# 1328
Delta R.T. -0.000 min
Lab File: BM043987.D
Acq: 06 Feb 2024 12:14

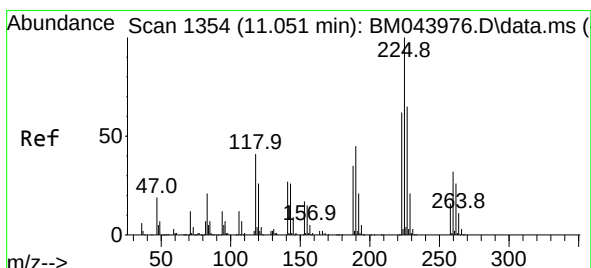
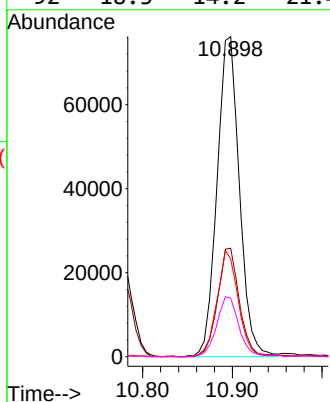
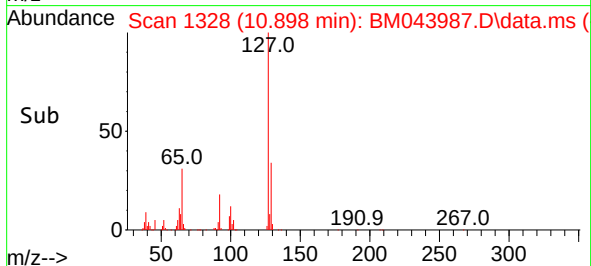
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2023



Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.9	25.6	38.4
65	30.5	24.5	36.7
92	18.3	14.2	21.4

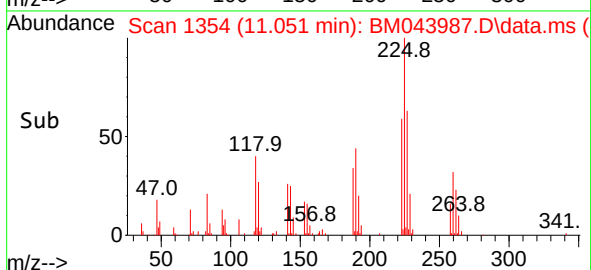
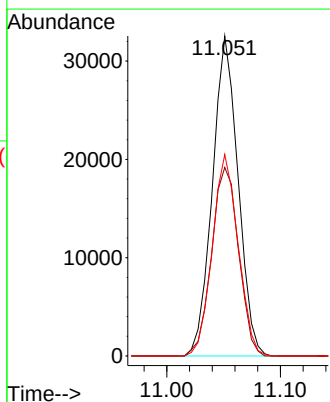
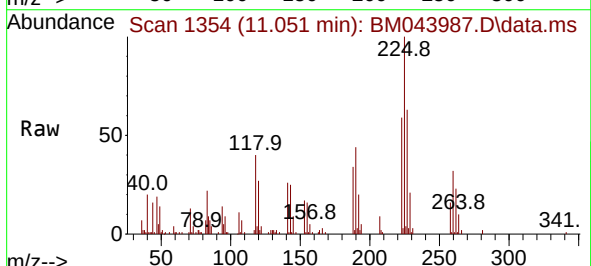
Manual Integrations
APPROVED

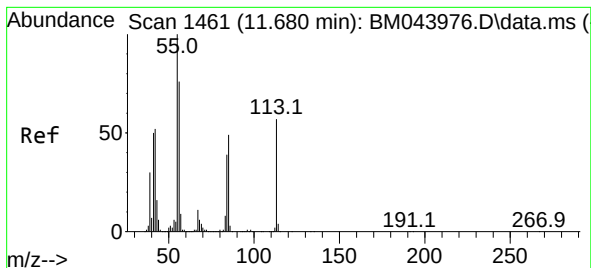
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#34
Hexachlorobutadiene
Concen: 4.852 ng
RT: 11.051 min Scan# 1354
Delta R.T. -0.000 min
Lab File: BM043987.D
Acq: 06 Feb 2024 12:14

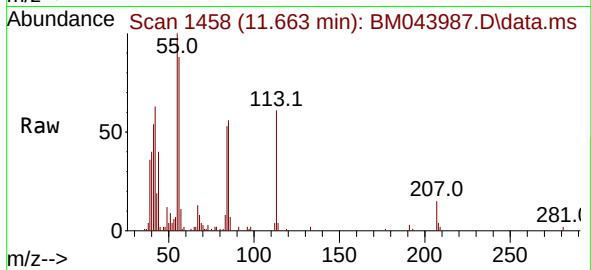
Tgt Ion	Ratio	Lower	Upper
225	100		
223	58.9	49.8	74.8
227	63.0	51.7	77.5





#35
Caprolactam
Concen: 3.842 ng
RT: 11.663 min Scan# 1461
Delta R.T. -0.018 min
Lab File: BM043987.D
Acq: 06 Feb 2024 12:14

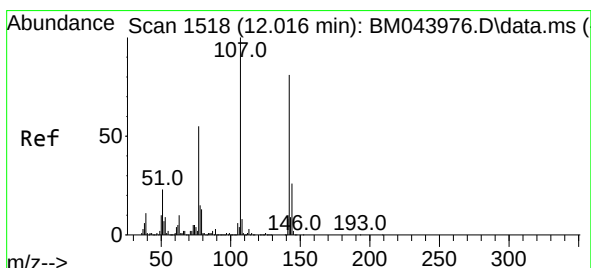
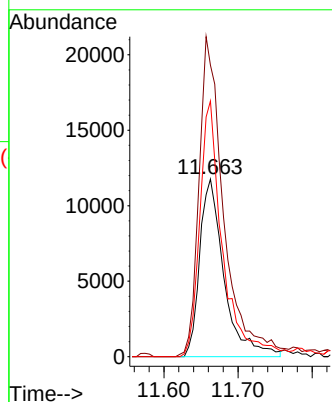
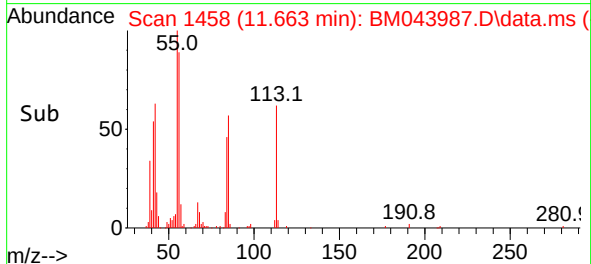
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2023



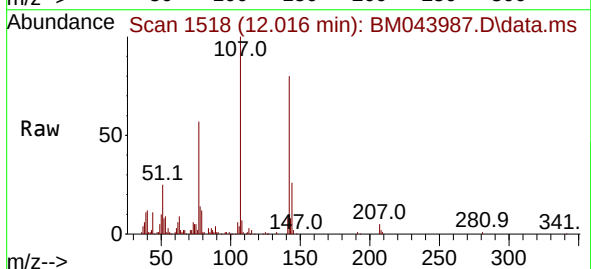
Tgt Ion:113 Resp: 2689
Ion Ratio Lower Upper
113 100
55 164.1 154.3 194.3
56 144.0 112.2 152.2

Manual Integrations
APPROVED

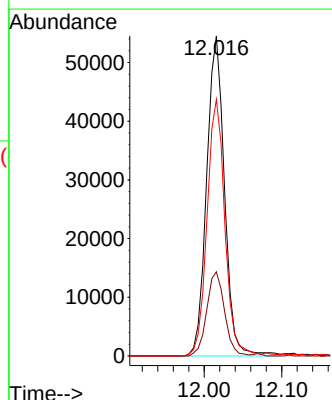
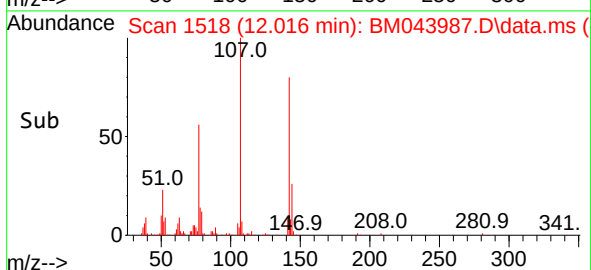
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024

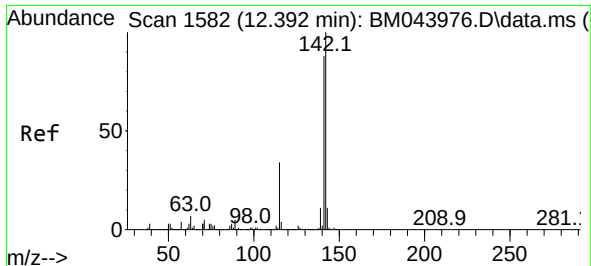


#36
4-Chloro-3-methylphenol
Concen: 4.180 ng
RT: 12.016 min Scan# 1518
Delta R.T. -0.000 min
Lab File: BM043987.D
Acq: 06 Feb 2024 12:14



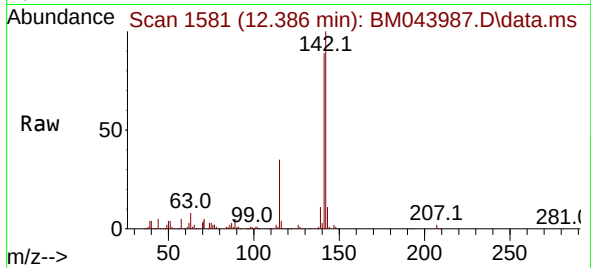
Tgt Ion:107 Resp: 87377
Ion Ratio Lower Upper
107 100
144 26.3 21.1 31.7
142 80.2 65.0 97.4





#37
2-Methylnaphthalene
Concen: 4.791 ng
RT: 12.386 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BM043987.D
Acq: 06 Feb 2024 12:14

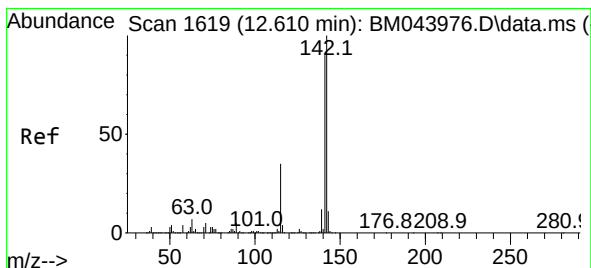
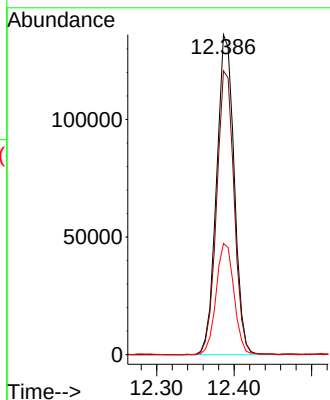
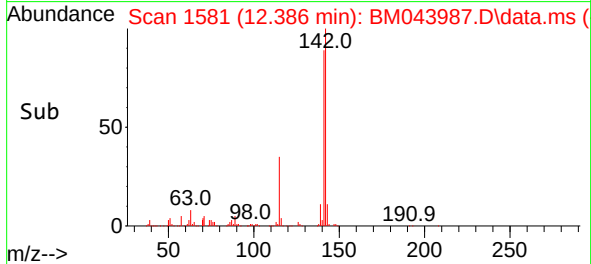
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2023



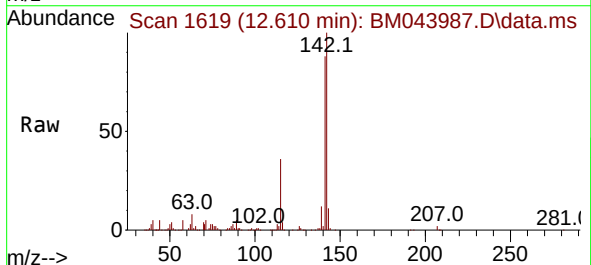
Tgt Ion:142 Resp: 215738
Ion Ratio Lower Upper
142 100
141 88.7 70.2 105.2
115 34.7 27.2 40.8

Manual Integrations
APPROVED

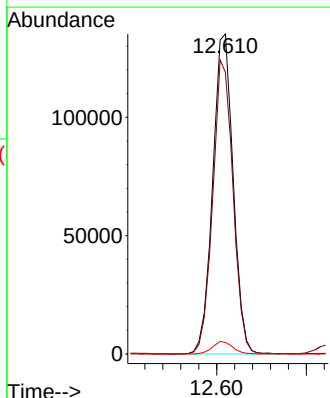
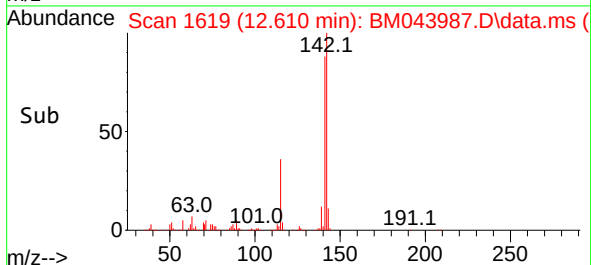
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024

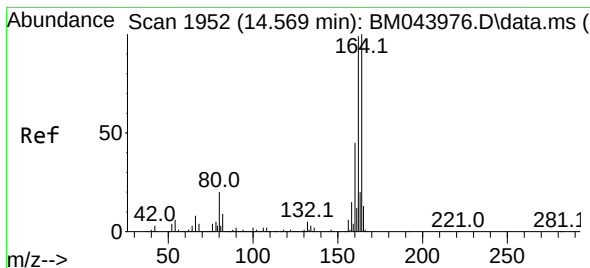


#38
1-Methylnaphthalene
Concen: 4.756 ng
RT: 12.610 min Scan# 1619
Delta R.T. -0.000 min
Lab File: BM043987.D
Acq: 06 Feb 2024 12:14



Tgt Ion:142 Resp: 213821
Ion Ratio Lower Upper
142 100
141 88.0 72.1 108.1
116 3.6 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: BM043987.D

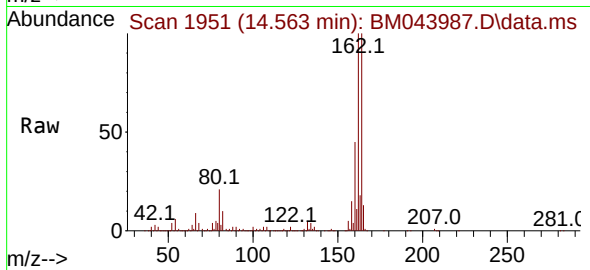
Acq: 06 Feb 2024 12:14

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2023



Tgt Ion:164 Resp: 737180

Ion Ratio Lower Upper

164 100

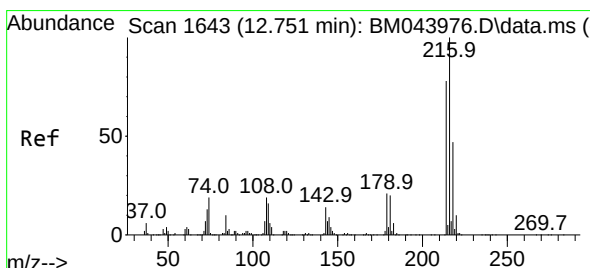
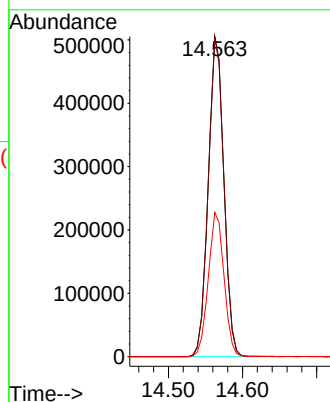
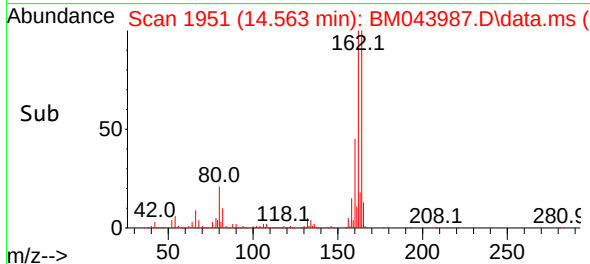
162 99.8 79.0 118.4

160 45.1 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: 5.041 ng

RT: 12.751 min Scan# 1643

Delta R.T. -0.000 min

Lab File: BM043987.D

Acq: 06 Feb 2024 12:14

Tgt Ion:216 Resp: 105387

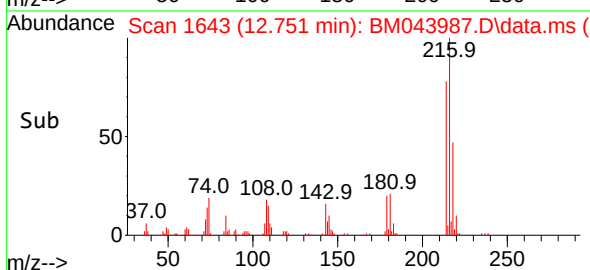
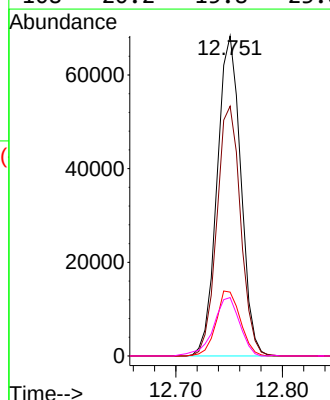
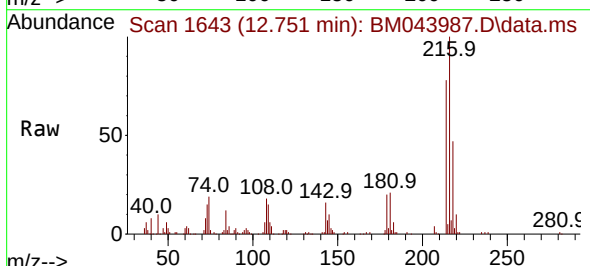
Ion Ratio Lower Upper

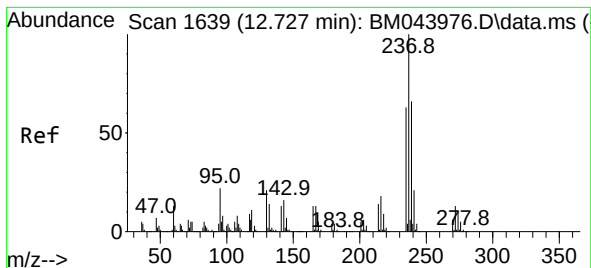
216 100

214 78.3 62.6 94.0

179 20.7 16.7 25.1

108 20.2 15.8 23.8





#41

Hexachlorocyclopentadiene

Concen: 5.681 ng

RT: 12.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM043987.D

Acq: 06 Feb 2024 12:14

Instrument :

BNA_M

ClientSampleId :

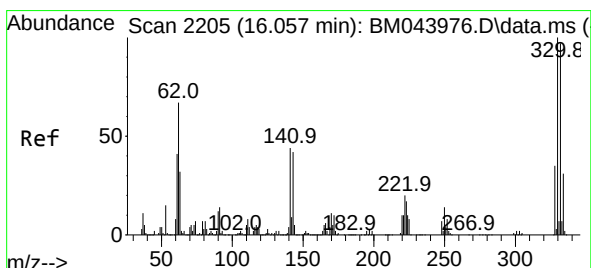
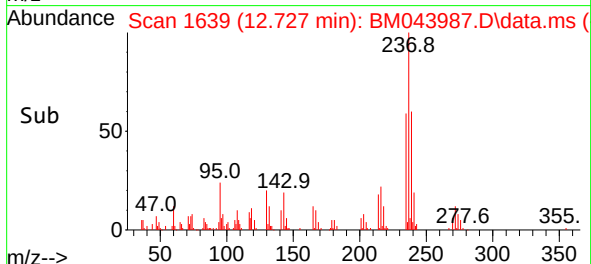
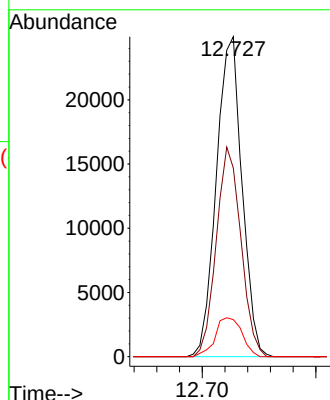
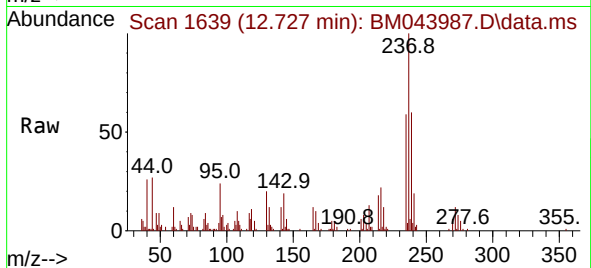
LOQ-WATER-02-QT3-2023

Tgt Ion:237	Resp:	3906
Ion Ratio	Lower	Upper
237	100	
235	59.0	43.5 83.5
272	11.6	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: 105.514 ng

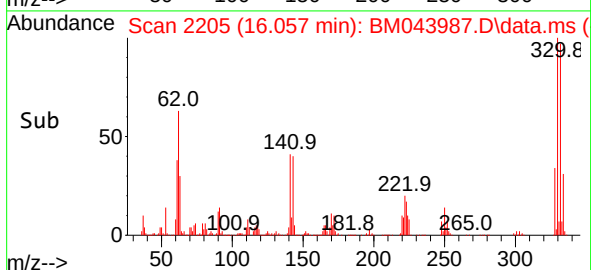
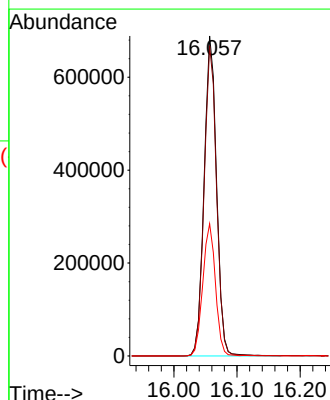
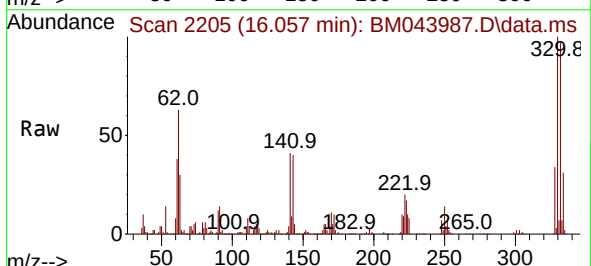
RT: 16.057 min Scan# 2205

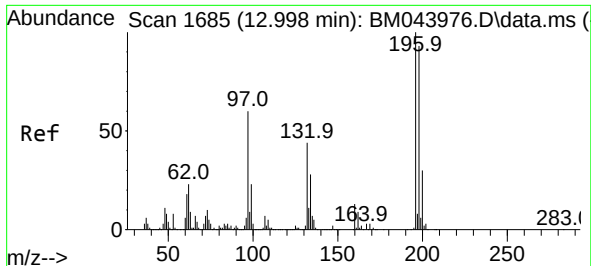
Delta R.T. -0.000 min

Lab File: BM043987.D

Acq: 06 Feb 2024 12:14

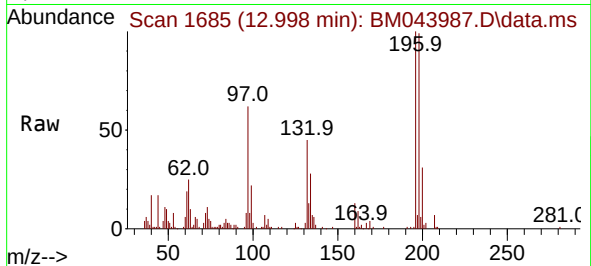
Tgt Ion:330	Resp:	948162
Ion Ratio	Lower	Upper
330	100	
332	96.7	77.6 116.4
141	42.1	33.5 50.3





#43
2,4,6-Trichlorophenol
Concen: 4.079 ng
RT: 12.998 min Scan# 1685
Delta R.T. -0.000 min
Lab File: BM043987.D
Acq: 06 Feb 2024 12:14

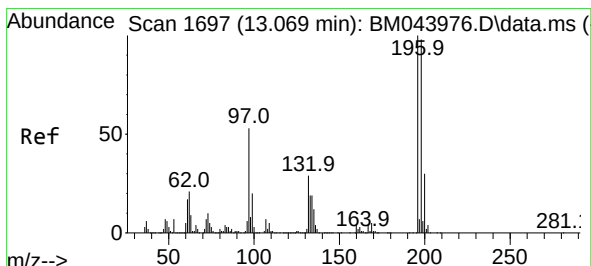
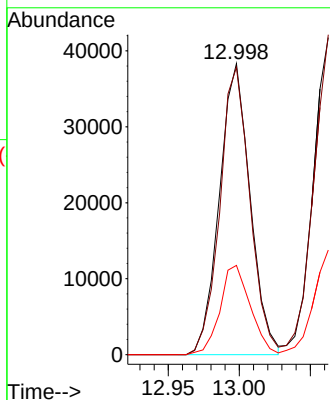
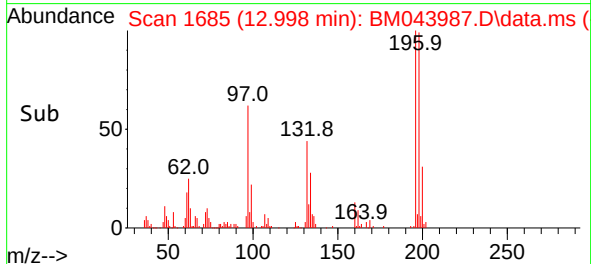
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2023



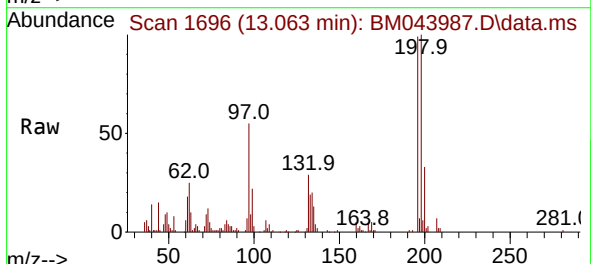
Tgt Ion:196 Resp: 57640
Ion Ratio Lower Upper
196 100
198 98.8 74.2 111.2
200 30.7 23.8 35.8

Manual Integrations
APPROVED

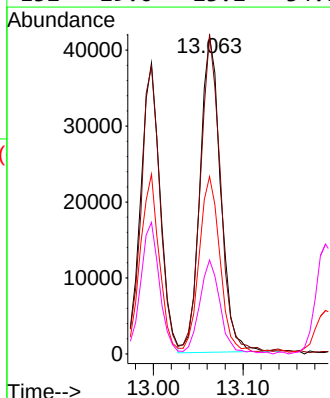
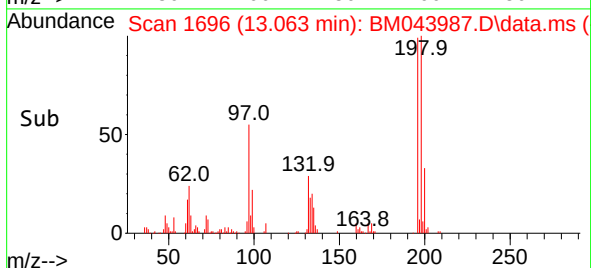
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024

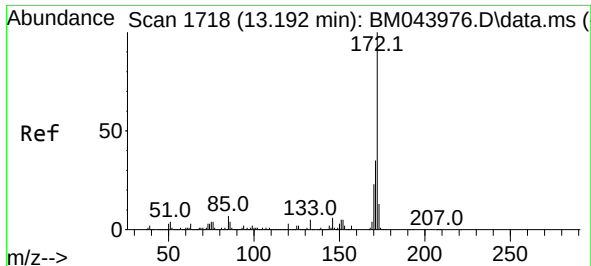


#44
2,4,5-Trichlorophenol
Concen: 4.111 ng
RT: 13.063 min Scan# 1696
Delta R.T. -0.006 min
Lab File: BM043987.D
Acq: 06 Feb 2024 12:14



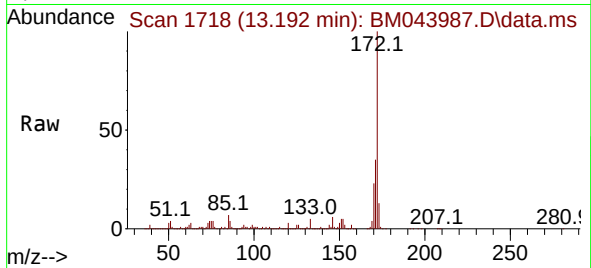
Tgt Ion:196 Resp: 66263
Ion Ratio Lower Upper
196 100
198 100.9 78.1 117.1
97 55.9 42.2 63.2
132 29.6 23.2 34.8





#45
2-Fluorobiphenyl
Concen: 91.305 ng
RT: 13.192 min Scan# 1718
Delta R.T. 0.000 min
Lab File: BM043987.D
Acq: 06 Feb 2024 12:14

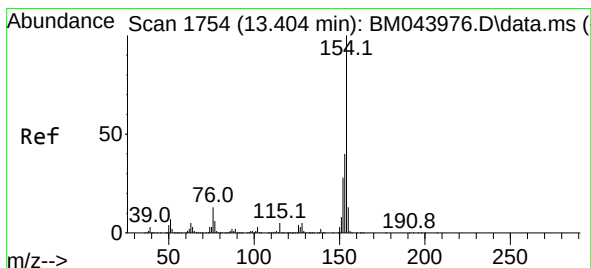
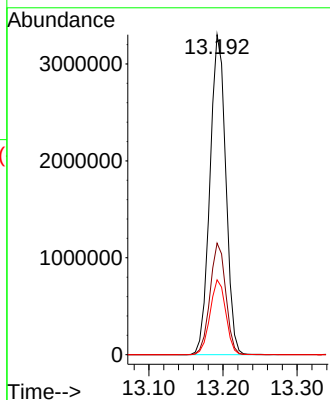
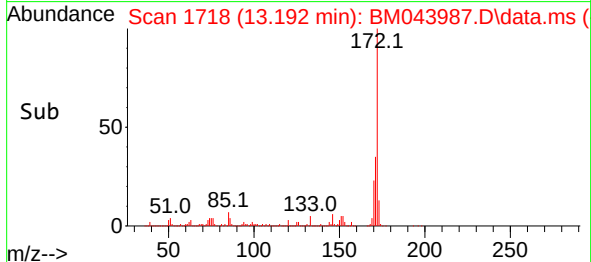
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2023



Tgt Ion:172 Resp: 4898439
Ion Ratio Lower Upper
172 100
171 34.9 27.9 41.9
170 23.4 18.6 28.0

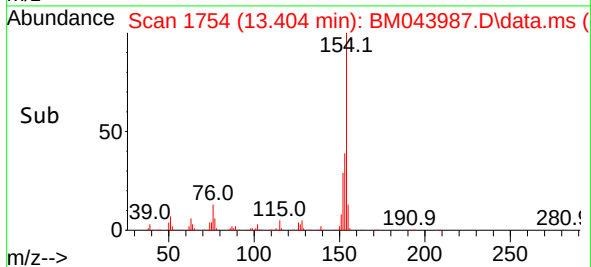
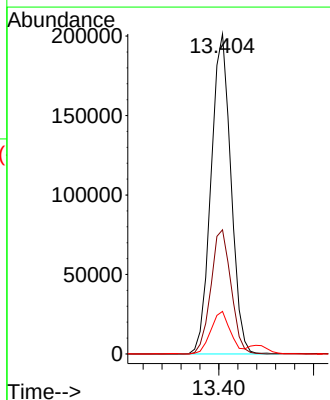
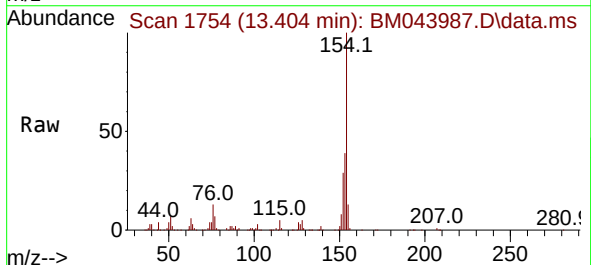
Manual Integrations
APPROVED

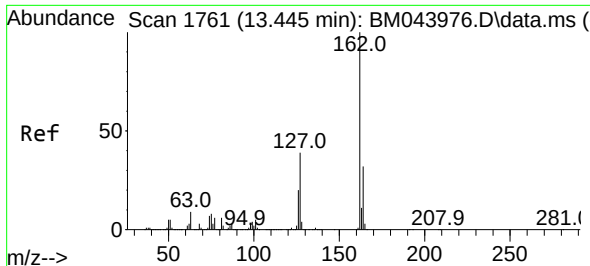
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#46
1,1'-Biphenyl
Concen: 5.063 ng
RT: 13.404 min Scan# 1754
Delta R.T. -0.000 min
Lab File: BM043987.D
Acq: 06 Feb 2024 12:14

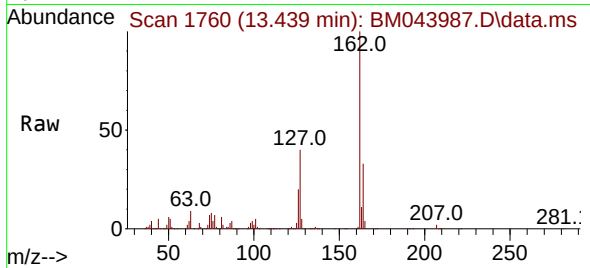
Tgt Ion:154 Resp: 293490
Ion Ratio Lower Upper
154 100
153 38.8 19.8 59.8
76 13.3 0.0 33.0





#47
2-Chloronaphthalene
Concen: 4.909 ng
RT: 13.439 min Scan# 1760
Delta R.T. -0.006 min
Lab File: BM043987.D
Acq: 06 Feb 2024 12:14

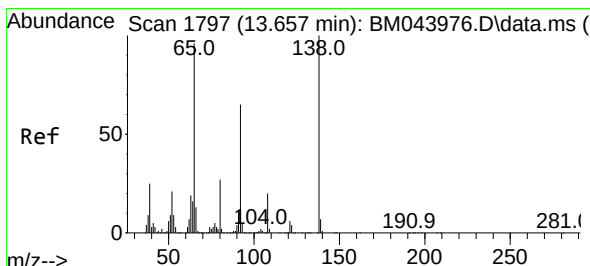
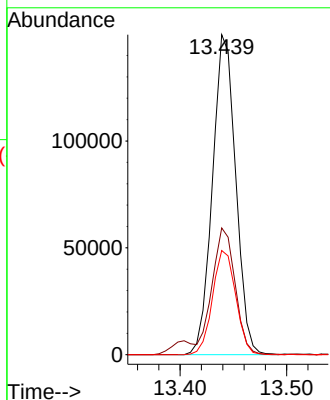
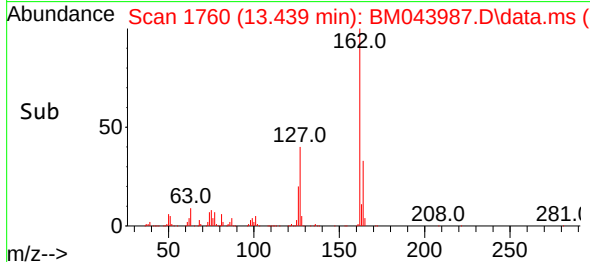
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2023



Tgt Ion:162 Resp: 226930
Ion Ratio Lower Upper
162 100
127 39.6 31.0 46.6
164 32.6 25.8 38.6

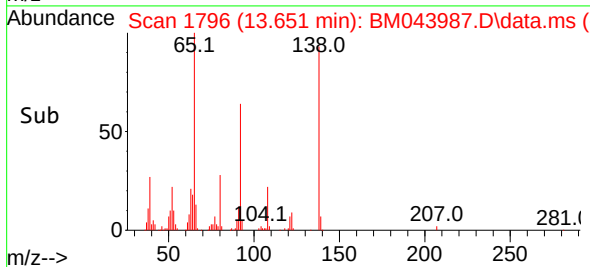
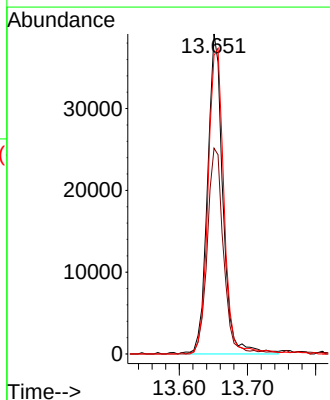
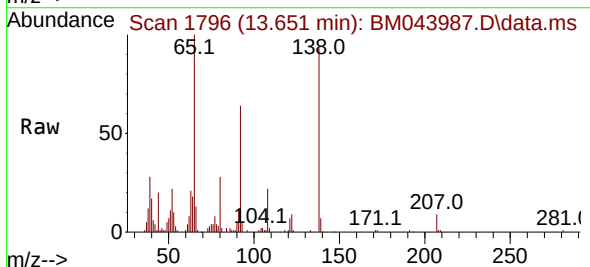
Manual Integrations
APPROVED

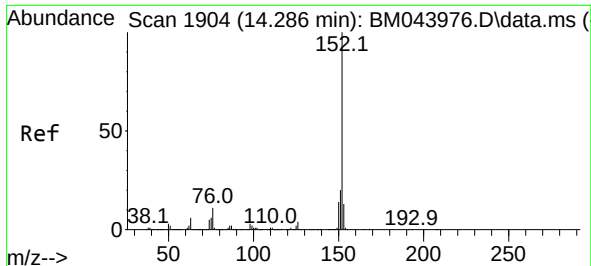
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#48
2-Nitroaniline
Concen: 4.095 ng
RT: 13.651 min Scan# 1796
Delta R.T. -0.006 min
Lab File: BM043987.D
Acq: 06 Feb 2024 12:14

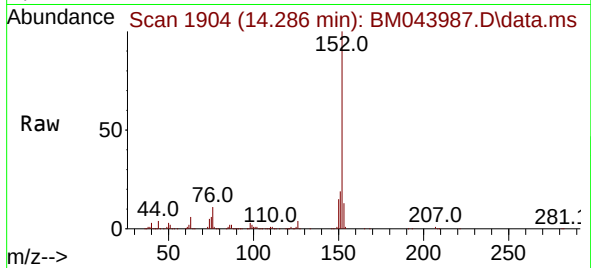
Tgt Ion: 65 Resp: 61574
Ion Ratio Lower Upper
65 100
92 64.3 53.6 80.4
138 93.3 83.0 124.6





#49
Acenaphthylene
Concen: 5.176 ng
RT: 14.286 min Scan# 1904
Delta R.T. -0.000 min
Lab File: BM043987.D
Acq: 06 Feb 2024 12:14

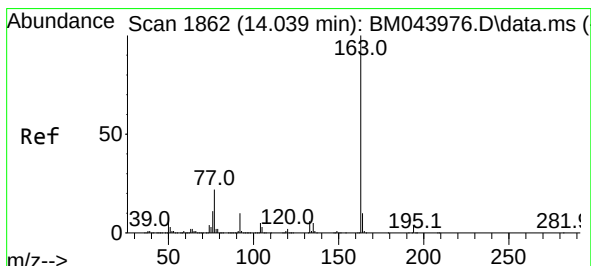
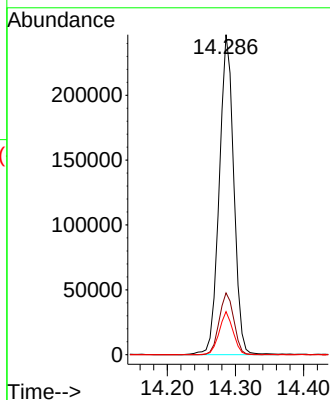
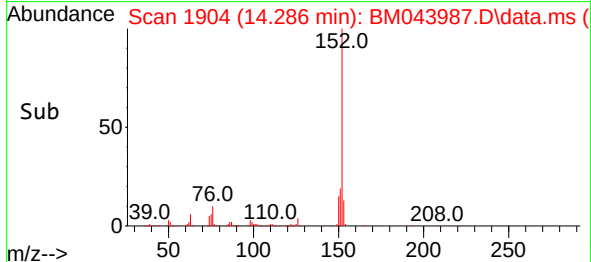
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2023



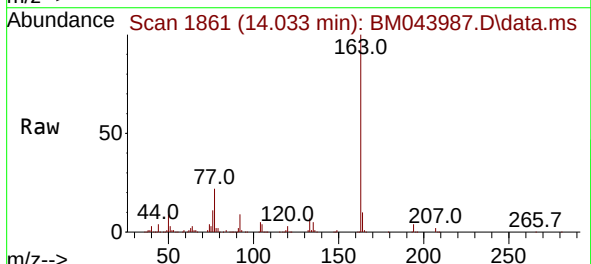
Tgt Ion:152 Resp: 365788
Ion Ratio Lower Upper
152 100
151 19.3 15.9 23.9
153 13.5 10.4 15.6

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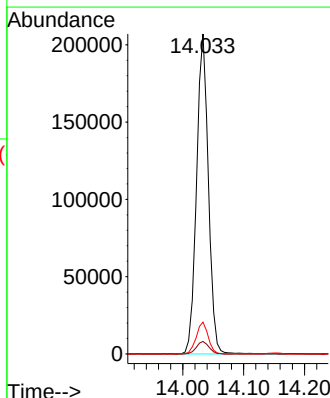
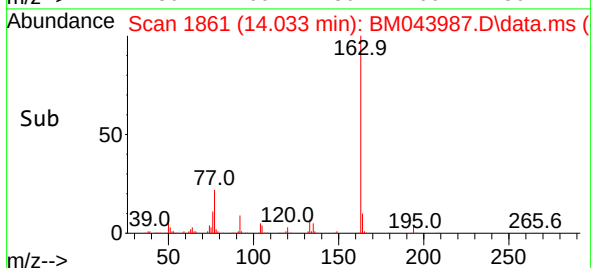
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024

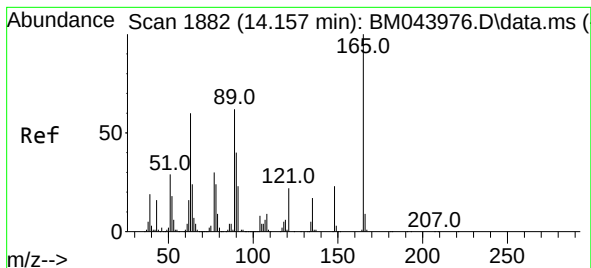


#50
Dimethylphthalate
Concen: 4.879 ng
RT: 14.033 min Scan# 1861
Delta R.T. -0.006 min
Lab File: BM043987.D
Acq: 06 Feb 2024 12:14



Tgt Ion:163 Resp: 279379
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.0 8.0 12.0





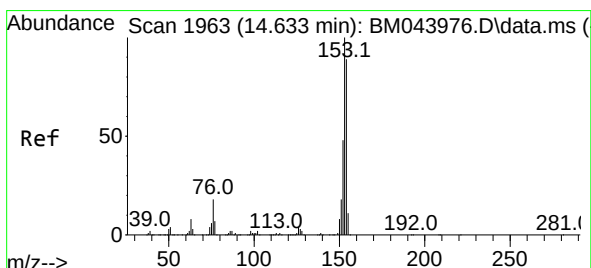
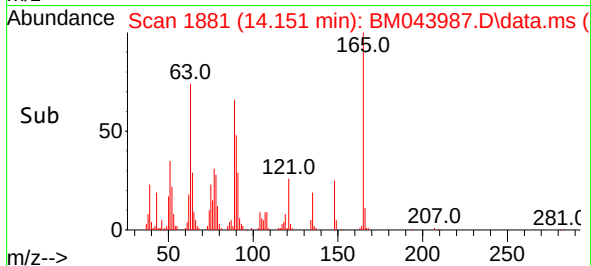
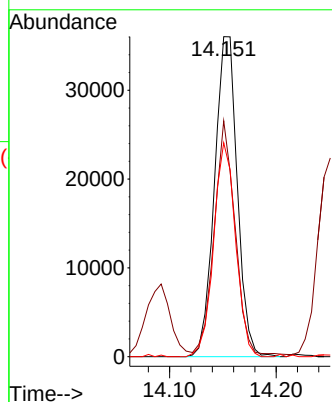
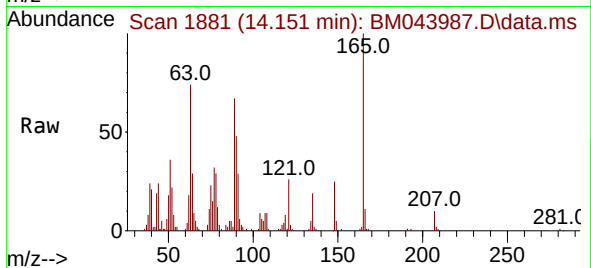
#51
2,6-Dinitrotoluene
Concen: 4.242 ng
RT: 14.151 min Scan# 1881
Delta R.T. -0.006 min
Lab File: BM043987.D
Acq: 06 Feb 2024 12:14

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

Tgt Ion:165 Resp: 5338
Ion Ratio Lower Upper
165 100
63 73.7 51.1 76.7
89 66.9 49.5 74.3

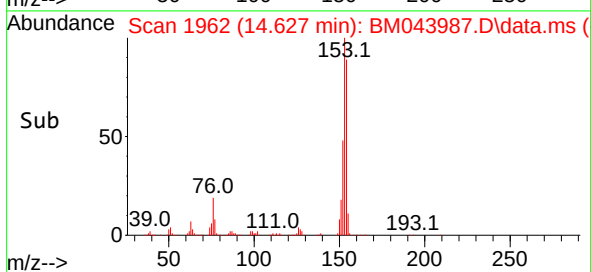
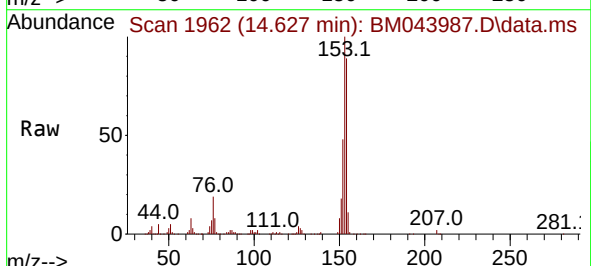
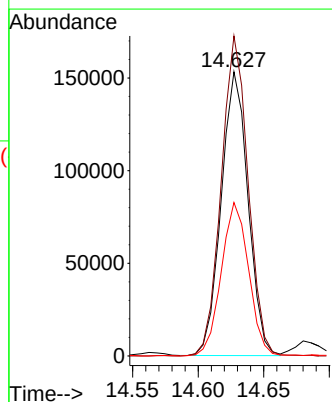
Manual Integrations
APPROVED

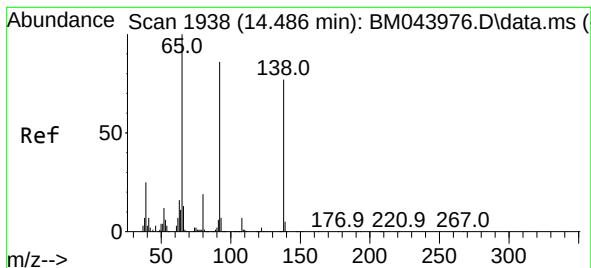
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#52
Acenaphthene
Concen: 4.859 ng
RT: 14.627 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BM043987.D
Acq: 06 Feb 2024 12:14

Tgt Ion:154 Resp: 217688
Ion Ratio Lower Upper
154 100
153 112.6 90.1 135.1
152 54.0 43.6 65.4





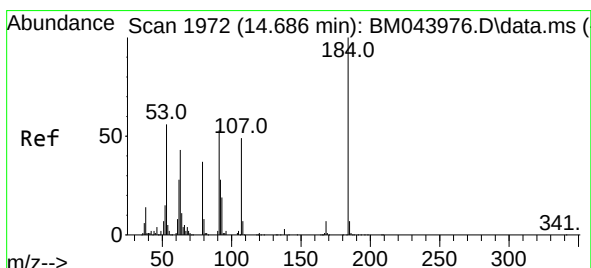
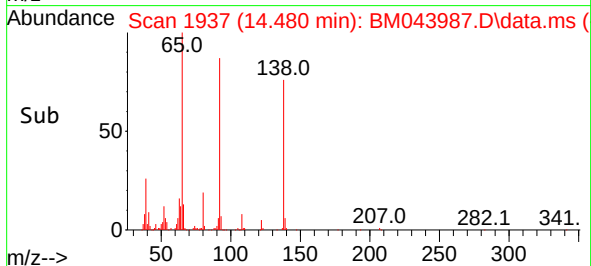
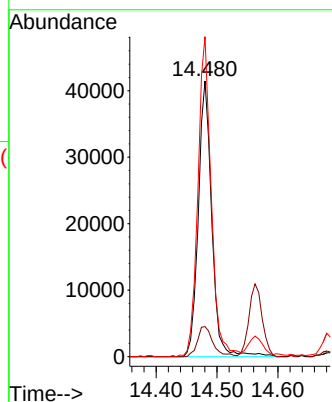
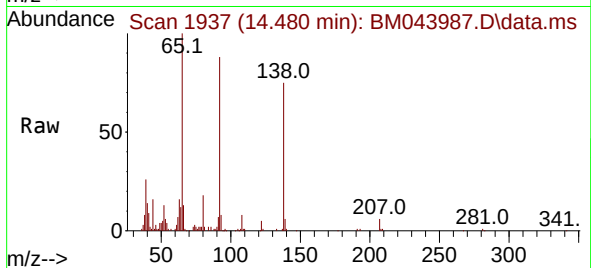
#53
3-Nitroaniline
Concen: 4.359 ng
RT: 14.480 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BM043987.D
Acq: 06 Feb 2024 12:14

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

Tgt Ion:138 Resp: 63688
Ion Ratio Lower Upper
138 100
108 10.9 7.8 11.6
92 116.1 89.7 134.5

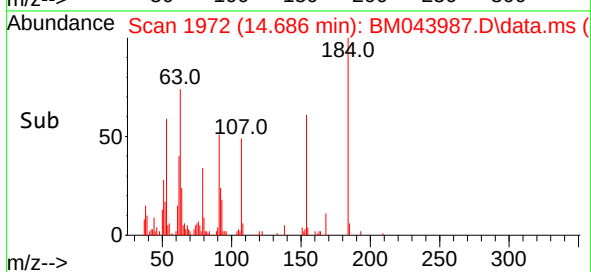
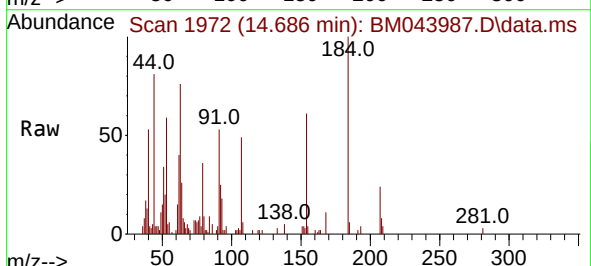
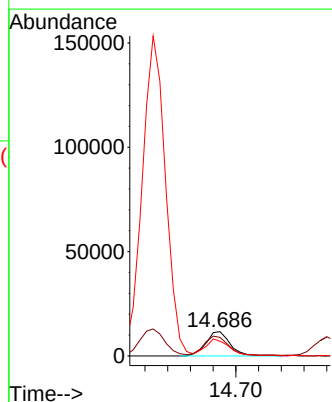
Manual Integrations
APPROVED

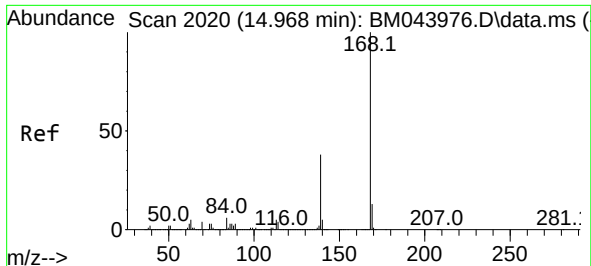
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#54
2,4-Dinitrophenol
Concen: 9.428 ng
RT: 14.686 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BM043987.D
Acq: 06 Feb 2024 12:14

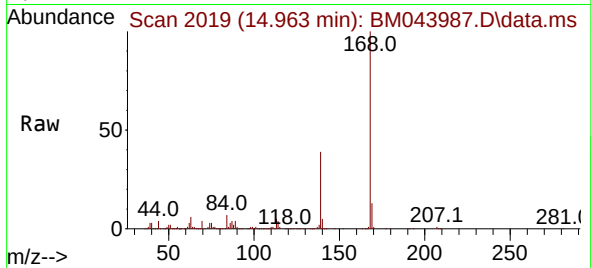
Tgt Ion:184 Resp: 17276
Ion Ratio Lower Upper
184 100
63 76.1 62.8 94.2
154 60.6 51.4 77.2





#55
Dibenzofuran
Concen: 5.119 ng
RT: 14.963 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BM043987.D
Acq: 06 Feb 2024 12:14

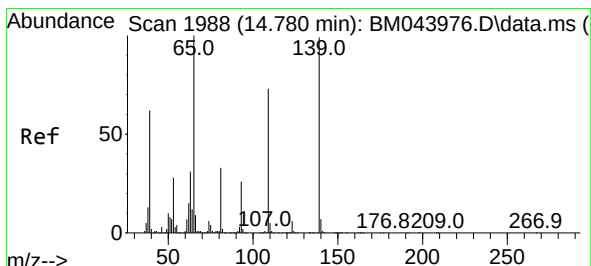
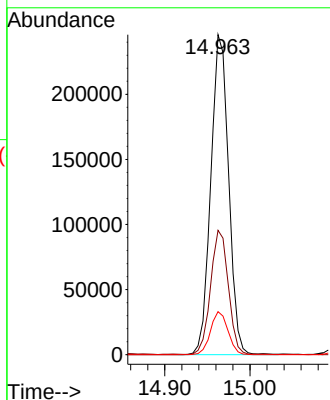
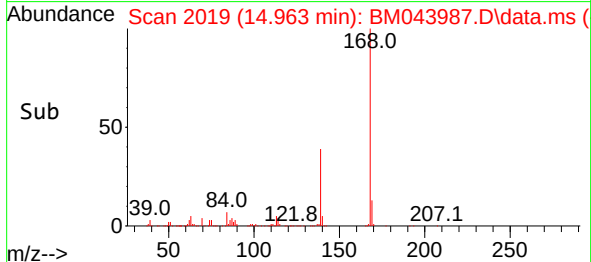
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2023



Tgt Ion:168 Resp: 35692
Ion Ratio Lower Upper
168 100
139 38.8 30.7 46.1
169 13.4 10.5 15.7

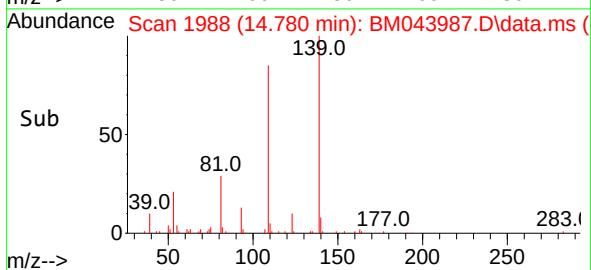
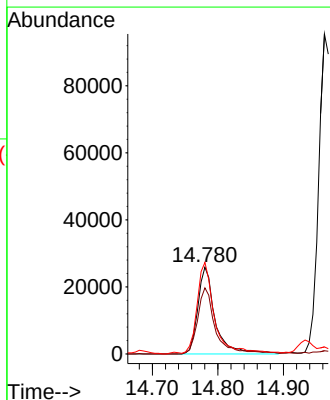
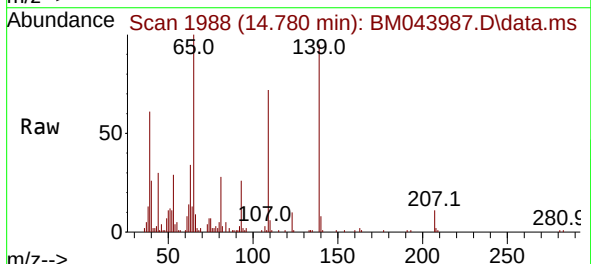
Manual Integrations
APPROVED

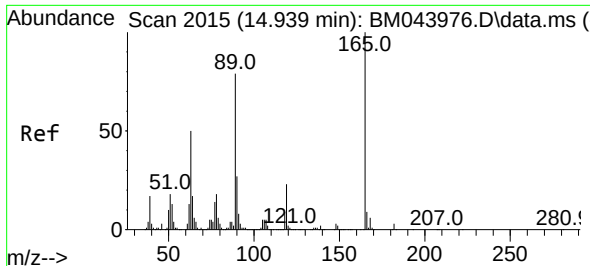
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#56
4-Nitrophenol
Concen: 3.743 ng
RT: 14.780 min Scan# 1988
Delta R.T. -0.000 min
Lab File: BM043987.D
Acq: 06 Feb 2024 12:14

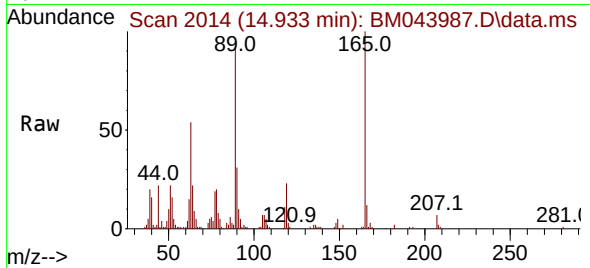
Tgt Ion:139 Resp: 47802
Ion Ratio Lower Upper
139 100
109 76.2 53.2 93.2
65 105.6 80.7 120.7





#57
2,4-Dinitrotoluene
Concen: 3.718 ng
RT: 14.933 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BM043987.D
Acq: 06 Feb 2024 12:14

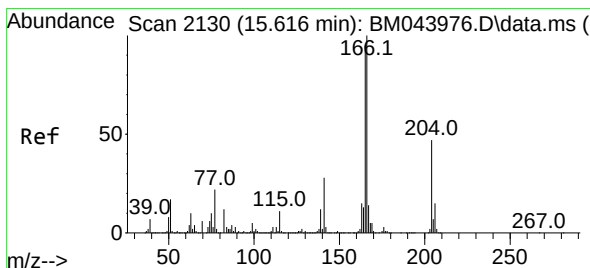
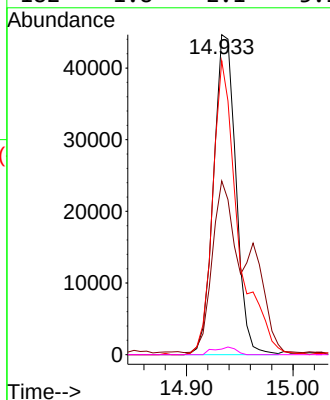
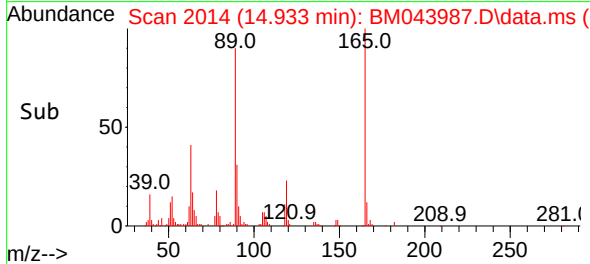
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2023



Tgt Ion:165 Resp: 65148
Ion Ratio Lower Upper
165 100
63 54.3 40.2 60.4
89 91.8 63.3 94.9
182 1.8 2.1 3.1#

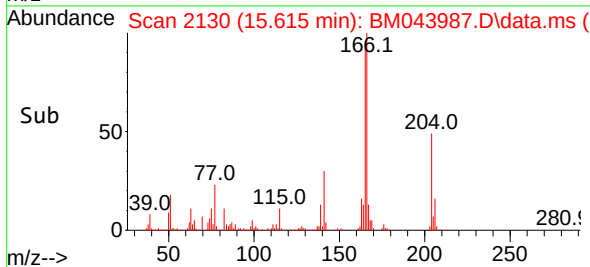
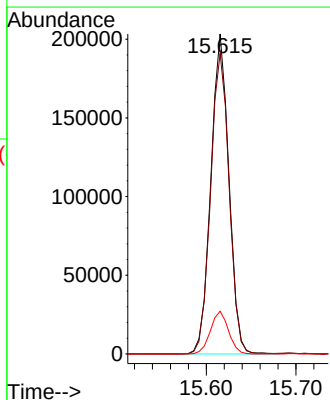
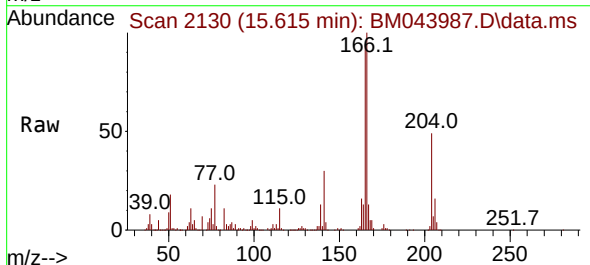
Manual Integrations
APPROVED

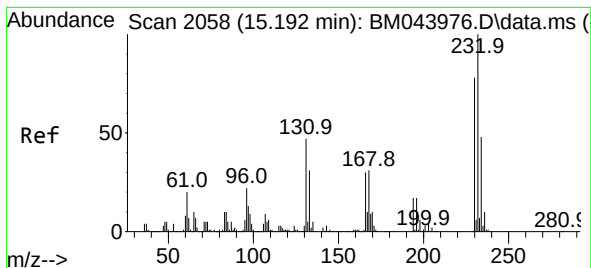
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#58
Fluorene
Concen: 4.817 ng
RT: 15.615 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BM043987.D
Acq: 06 Feb 2024 12:14

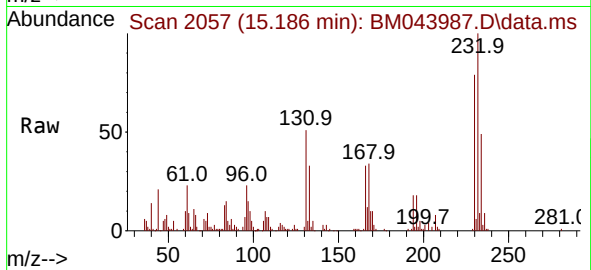
Tgt Ion:166 Resp: 283628
Ion Ratio Lower Upper
166 100
165 93.9 76.3 114.5
167 13.4 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 4.517 ng
RT: 15.186 min Scan# 2057
Delta R.T. -0.006 min
Lab File: BM043987.D
Acq: 06 Feb 2024 12:14

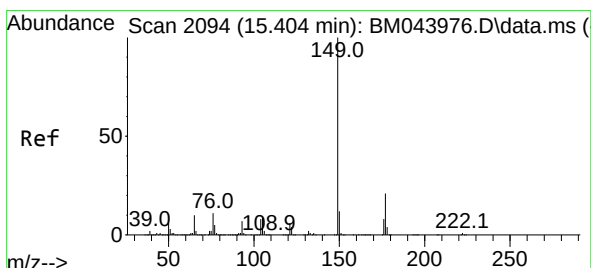
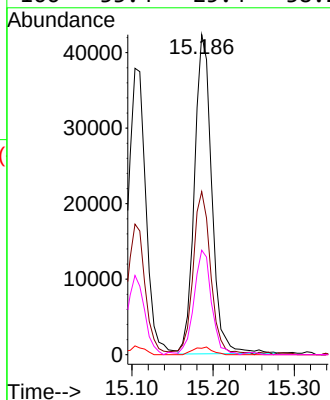
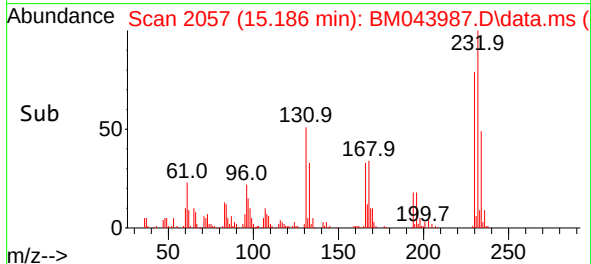
Instrument : BNA_M
ClientSampleId : LOQ-WATER-02-QT3-2023



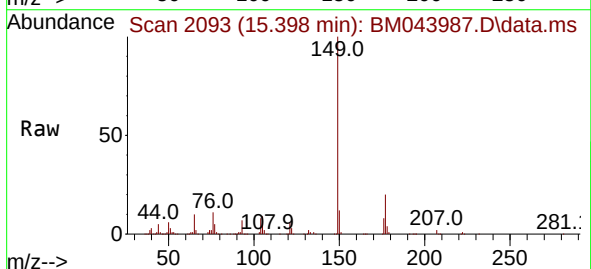
Tgt Ion:232 Resp: 62770
Ion Ratio Lower Upper
232 100
131 52.2 39.8 59.6
130 2.6 2.0 3.0
166 33.4 25.4 38.2

Manual Integrations
APPROVED

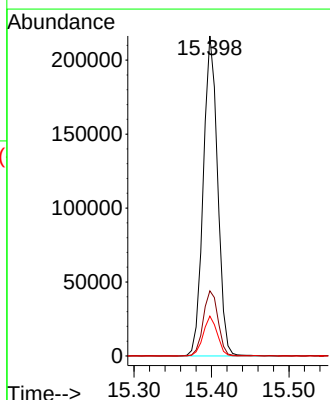
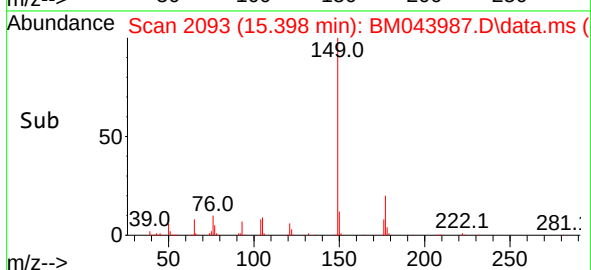
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024

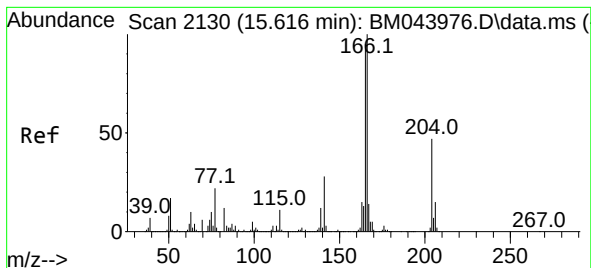


#60
Diethylphthalate
Concen: 4.693 ng
RT: 15.398 min Scan# 2093
Delta R.T. -0.006 min
Lab File: BM043987.D
Acq: 06 Feb 2024 12:14



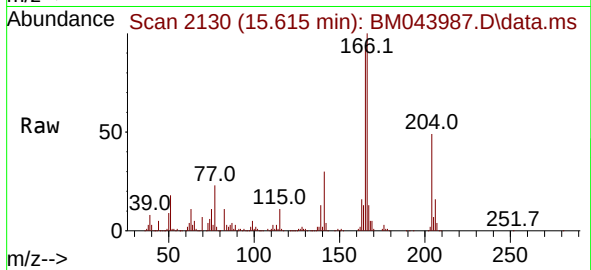
Tgt Ion:149 Resp: 278162
Ion Ratio Lower Upper
149 100
177 20.3 17.1 25.7
150 12.4 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 4.905 ng
RT: 15.615 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BM043987.D
Acq: 06 Feb 2024 12:14

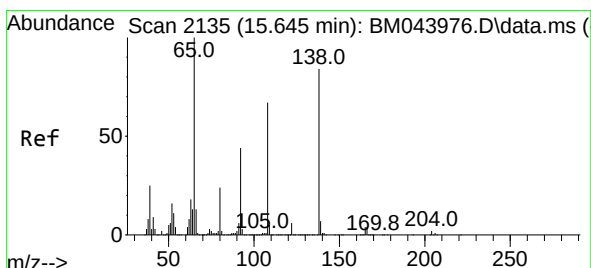
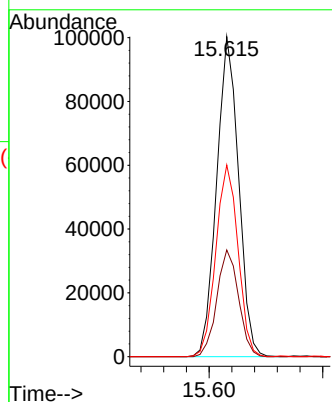
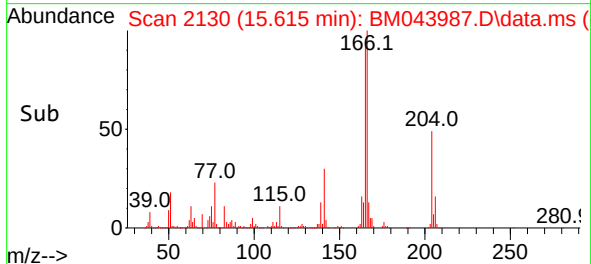
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2023



Tgt Ion:204 Resp: 13474
Ion Ratio Lower Upper
204 100
206 33.3 26.2 39.2
141 59.9 48.6 72.8

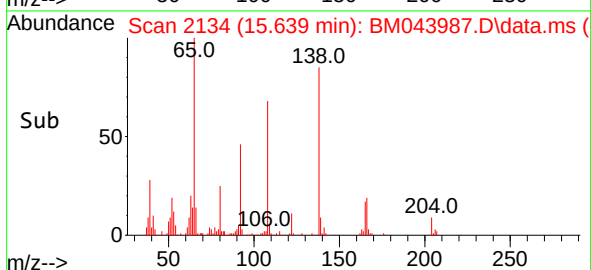
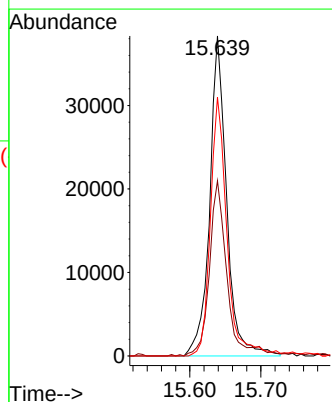
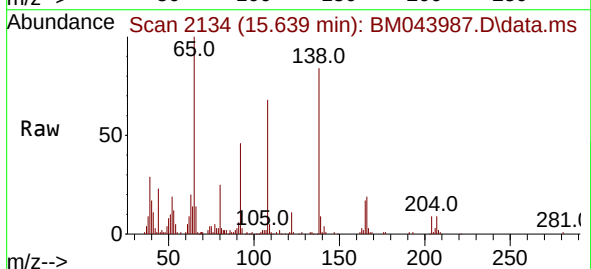
Manual Integrations
APPROVED

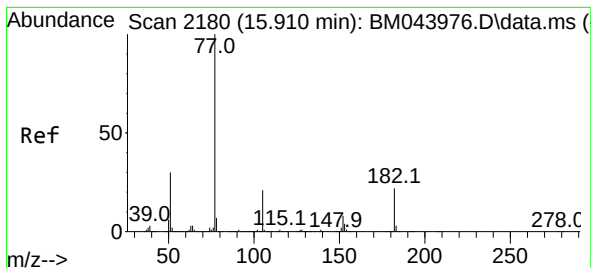
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#62
4-Nitroaniline
Concen: 3.991 ng
RT: 15.639 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BM043987.D
Acq: 06 Feb 2024 12:14

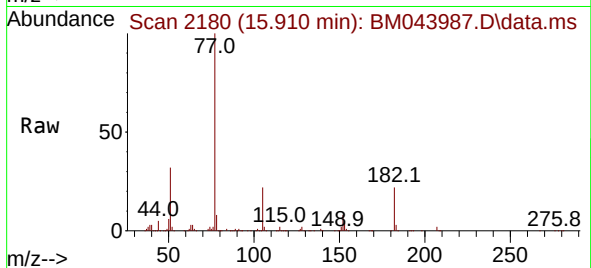
Tgt Ion:138 Resp: 63760
Ion Ratio Lower Upper
138 100
92 54.7 32.7 72.7
108 80.8 60.0 100.0





#63
Azobenzene
Concen: 4.710 ng
RT: 15.910 min Scan# 2180
Delta R.T. -0.000 min
Lab File: BM043987.D
Acq: 06 Feb 2024 12:14

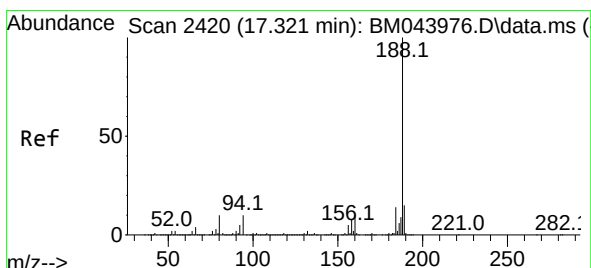
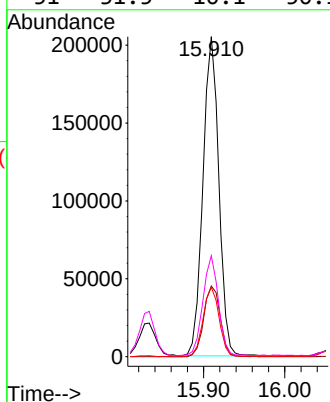
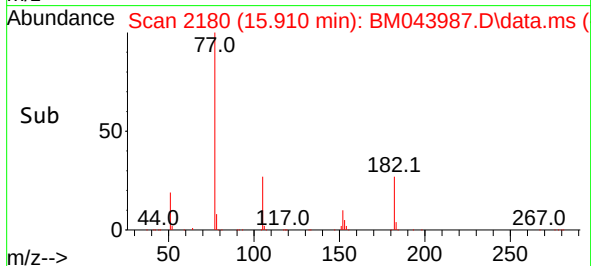
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2023



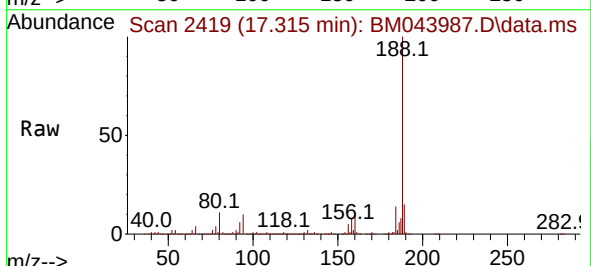
Tgt Ion: 77 Resp: 278860
Ion Ratio Lower Upper
77 100
182 22.1 2.0 42.0
105 21.8 0.5 40.5
51 31.5 10.1 50.1

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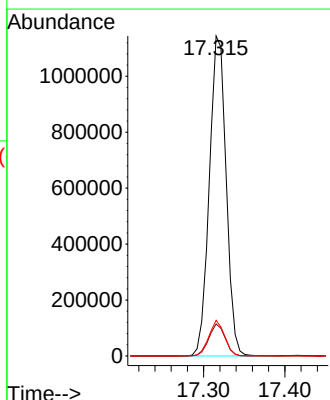
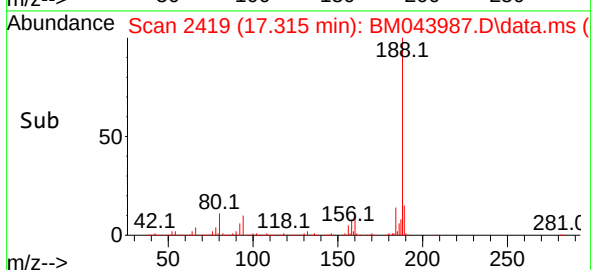
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024

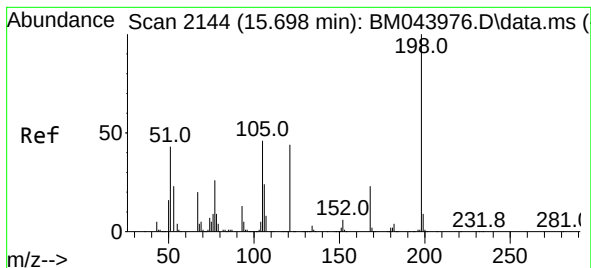


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.315 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BM043987.D
Acq: 06 Feb 2024 12:14



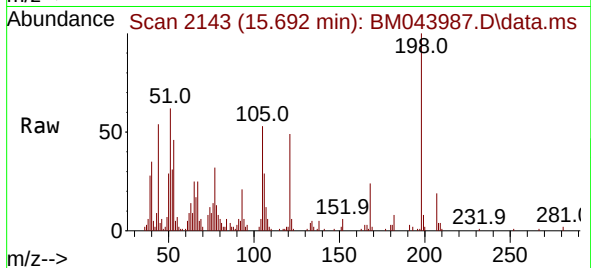
Tgt Ion:188 Resp: 1644540
Ion Ratio Lower Upper
188 100
94 10.0 7.7 11.5
80 11.2 8.2 12.4





#65
4,6-Dinitro-2-methylphenol
Concen: 8.441 ng
RT: 15.692 min Scan# 2143
Delta R.T. -0.006 min
Lab File: BM043987.D
Acq: 06 Feb 2024 12:14

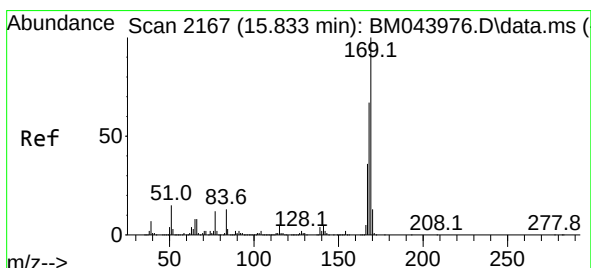
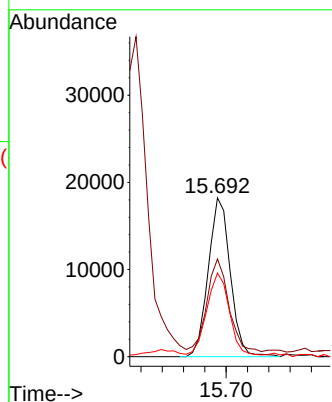
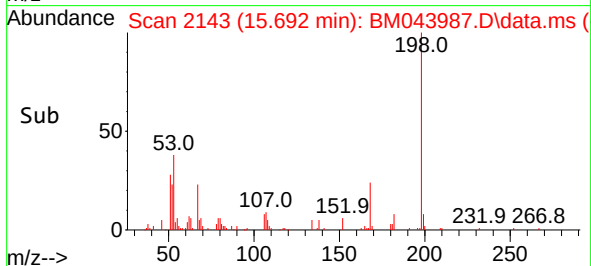
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2023



Tgt Ion:198 Resp: 26150
Ion Ratio Lower Upper
198 100
51 61.6 31.9 71.9
105 52.7 28.1 68.1

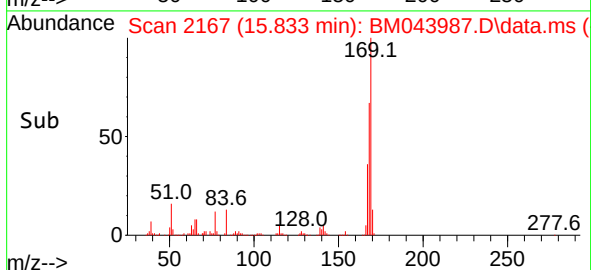
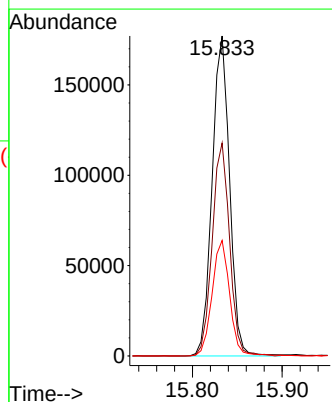
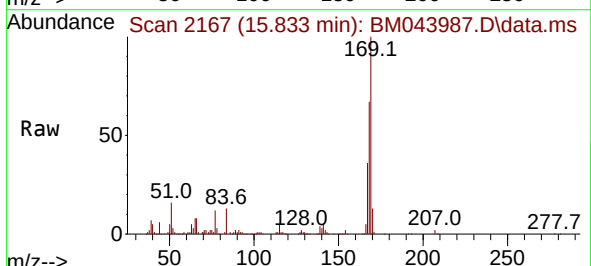
Manual Integrations
APPROVED

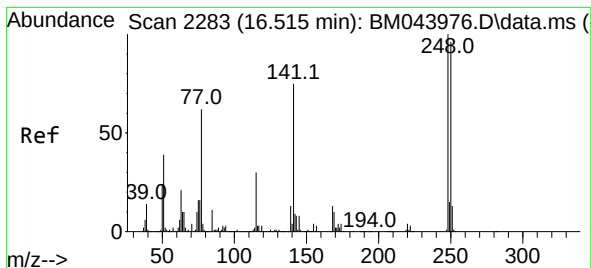
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#66
n-Nitrosodiphenylamine
Concen: 4.880 ng
RT: 15.833 min Scan# 2167
Delta R.T. -0.000 min
Lab File: BM043987.D
Acq: 06 Feb 2024 12:14

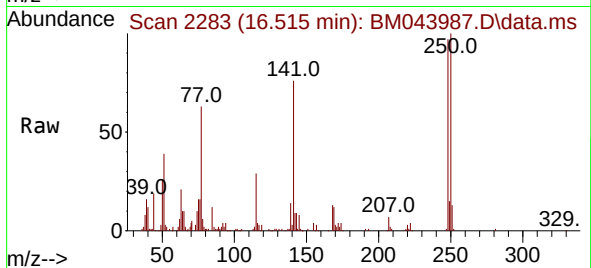
Tgt Ion:169 Resp: 239034
Ion Ratio Lower Upper
169 100
168 66.6 53.4 80.2
167 36.1 29.0 43.4





#67
4-Bromophenyl-phenylether
Concen: 4.260 ng
RT: 16.515 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM043987.D
Acq: 06 Feb 2024 12:14

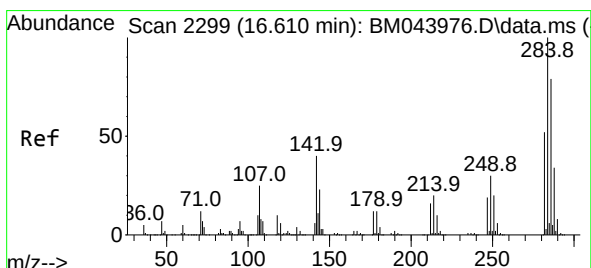
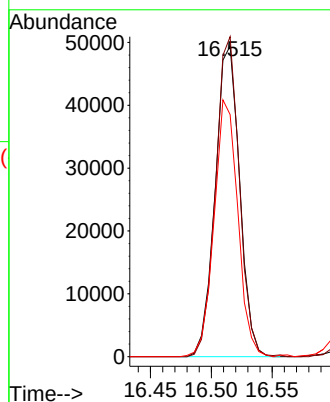
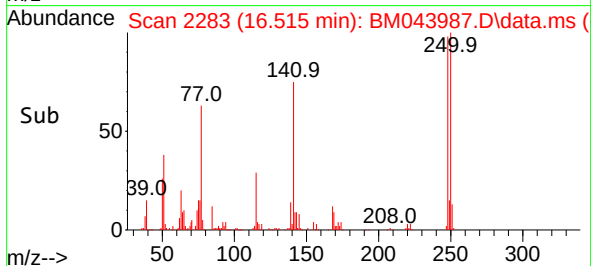
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2023



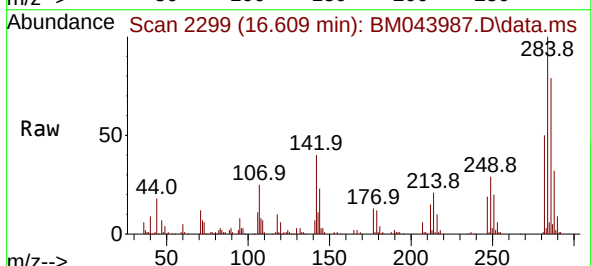
Tgt Ion:248 Resp: 6901
Ion Ratio Lower Upper
248 100
250 103.0 77.0 115.4
141 77.9 59.9 89.9

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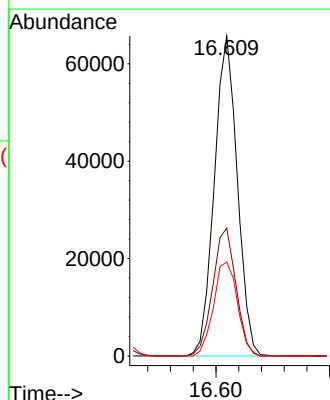
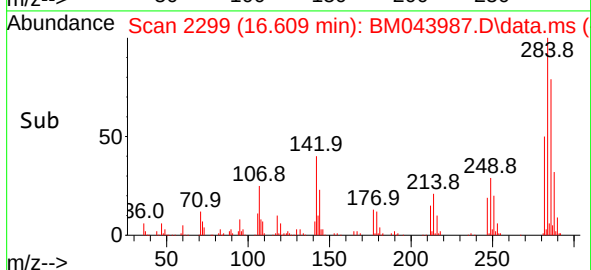
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024

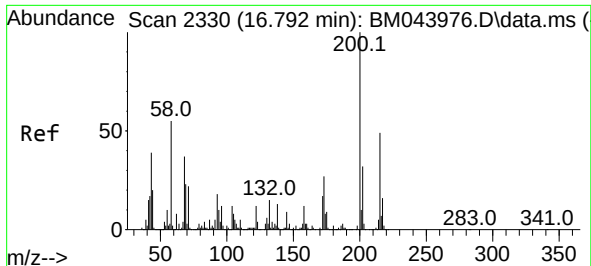


#68
Hexachlorobenzene
Concen: 4.773 ng
RT: 16.609 min Scan# 2299
Delta R.T. -0.000 min
Lab File: BM043987.D
Acq: 06 Feb 2024 12:14



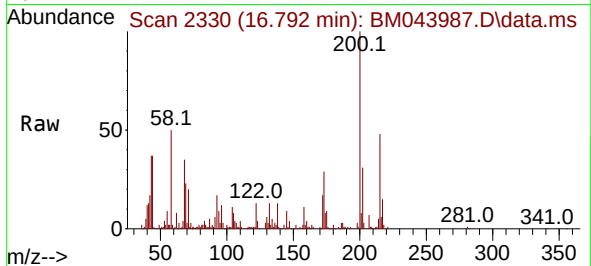
Tgt Ion:284 Resp: 92191
Ion Ratio Lower Upper
284 100
142 40.0 32.2 48.4
249 29.3 24.4 36.6





#69
Atrazine
Concen: 5.512 ng
RT: 16.792 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM043987.D
Acq: 06 Feb 2024 12:14

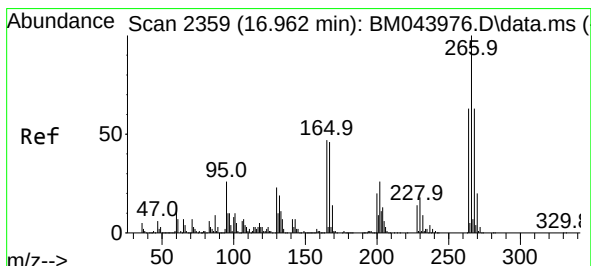
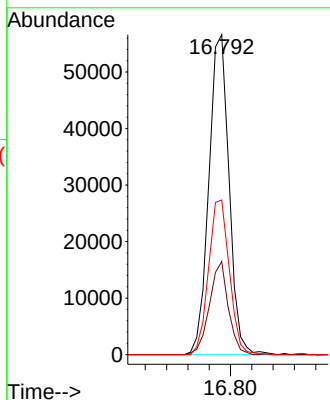
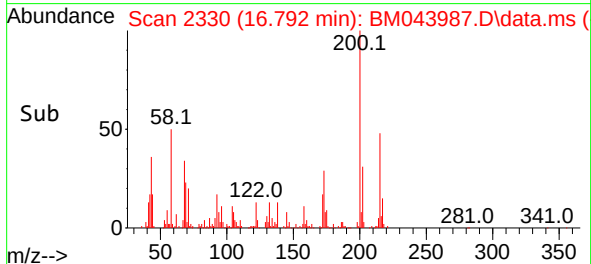
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2023



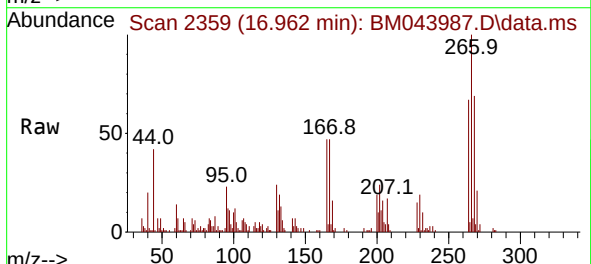
Tgt Ion:200 Resp: 74700
Ion Ratio Lower Upper
200 100
173 29.1 7.3 47.3
215 48.3 28.7 68.7

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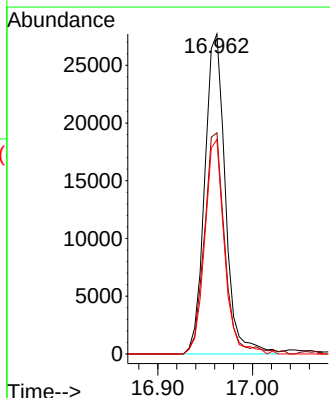
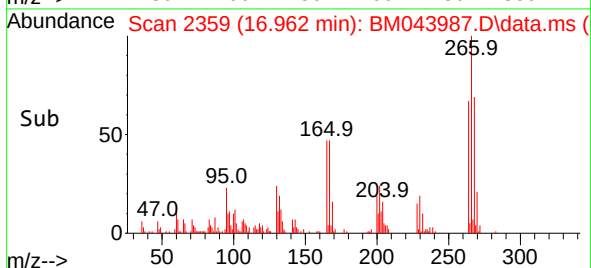
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024

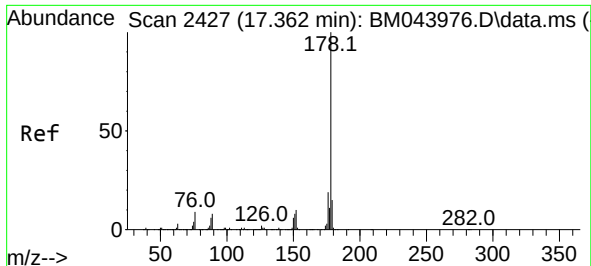


#70
Pentachlorophenol
Concen: 3.299 ng
RT: 16.962 min Scan# 2359
Delta R.T. 0.000 min
Lab File: BM043987.D
Acq: 06 Feb 2024 12:14



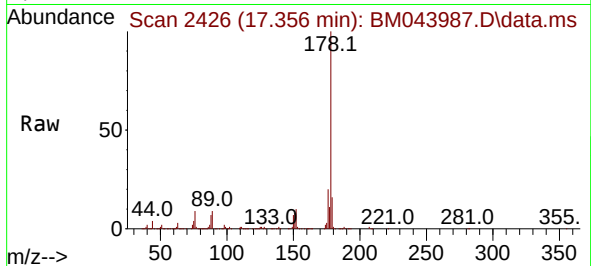
Tgt Ion:266 Resp: 41843
Ion Ratio Lower Upper
266 100
268 69.1 50.6 76.0
264 67.0 50.6 76.0





#71
Phenanthrene
Concen: 5.165 ng
RT: 17.356 min Scan# 2426
Delta R.T. -0.006 min
Lab File: BM043987.D
Acq: 06 Feb 2024 12:14

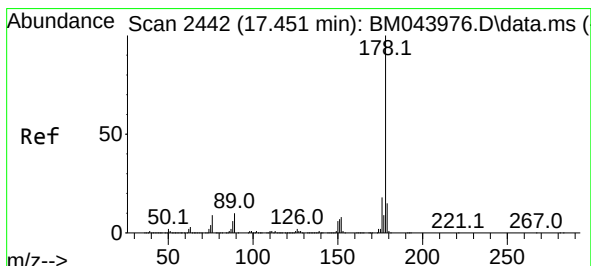
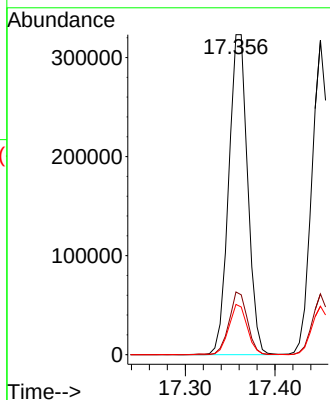
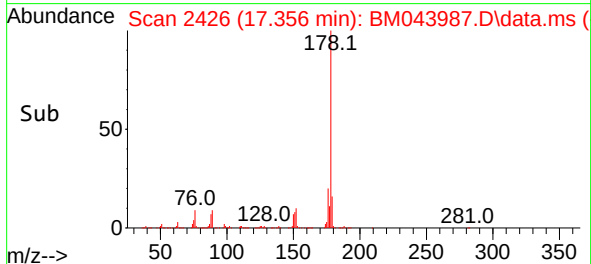
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2023



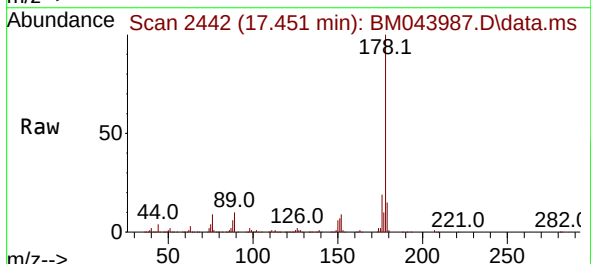
Tgt Ion:178 Resp: 473139
Ion Ratio Lower Upper
178 100
176 19.6 15.3 22.9
179 15.7 12.4 18.6

Manual Integrations
APPROVED

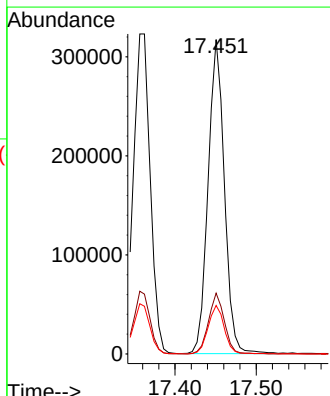
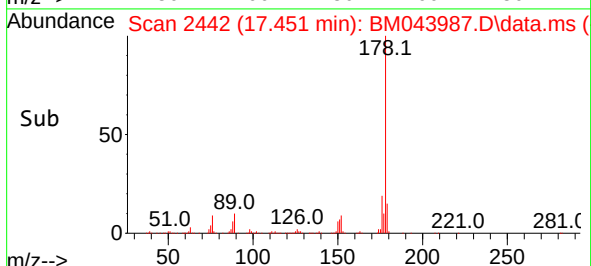
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024

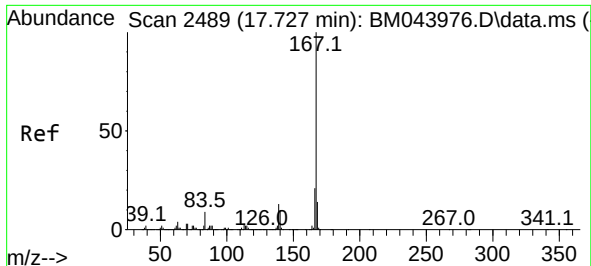


#72
Anthracene
Concen: 4.914 ng
RT: 17.451 min Scan# 2442
Delta R.T. -0.000 min
Lab File: BM043987.D
Acq: 06 Feb 2024 12:14



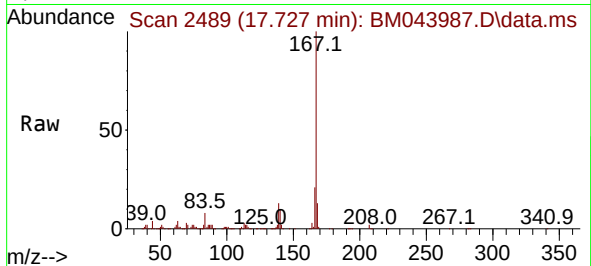
Tgt Ion:178 Resp: 440703
Ion Ratio Lower Upper
178 100
176 19.3 14.6 22.0
179 15.4 12.2 18.4





#73
 Carbazole
 Concen: 4.671 ng
 RT: 17.727 min Scan# 2489
 Delta R.T. -0.000 min
 Lab File: BM043987.D
 Acq: 06 Feb 2024 12:14

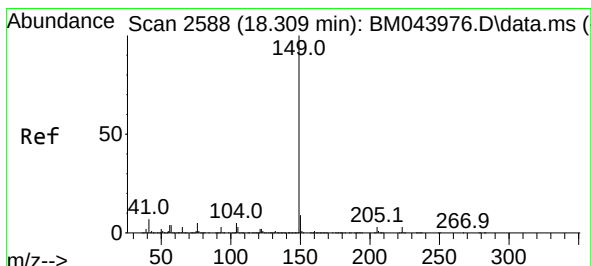
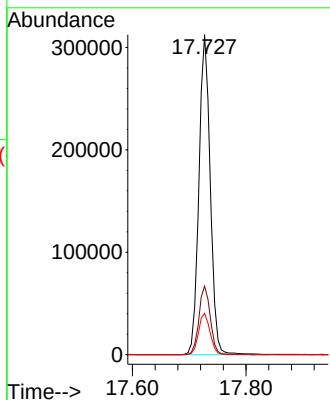
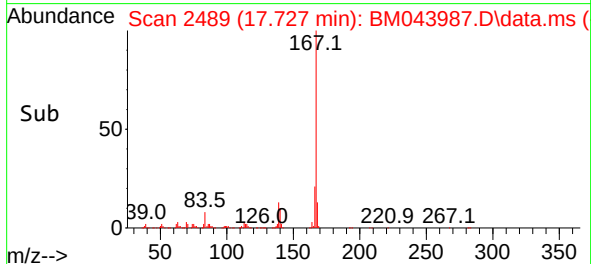
Instrument : BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT3-2023



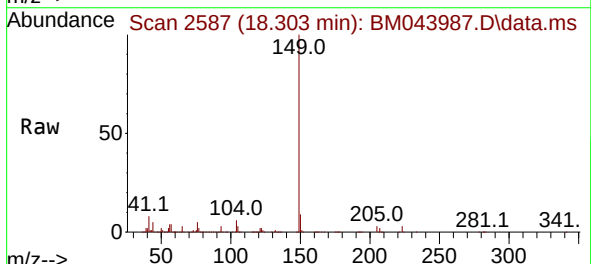
Tgt Ion:167 Resp: 43384
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.1 25.7
 139 12.9 10.6 15.8

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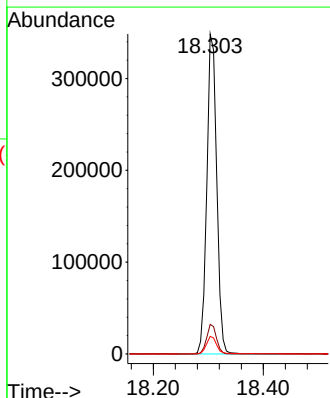
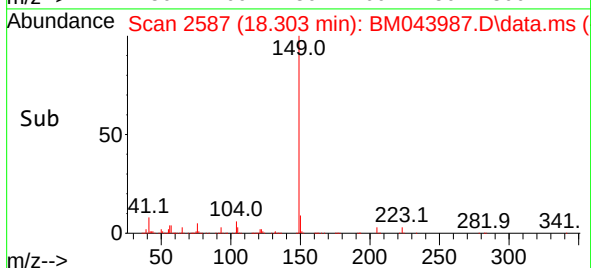
Reviewed By :Jagrut Upadhyay 02/07/2024
 Supervised By :mohammad ahmed 02/08/2024

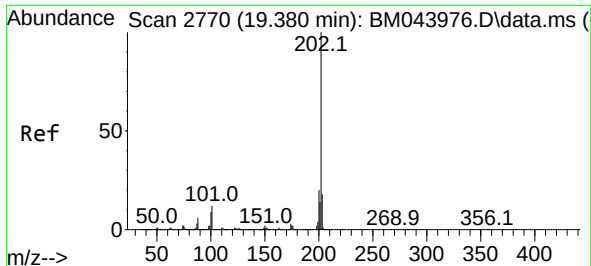


#74
 Di-n-butylphthalate
 Concen: 4.269 ng
 RT: 18.303 min Scan# 2587
 Delta R.T. -0.006 min
 Lab File: BM043987.D
 Acq: 06 Feb 2024 12:14



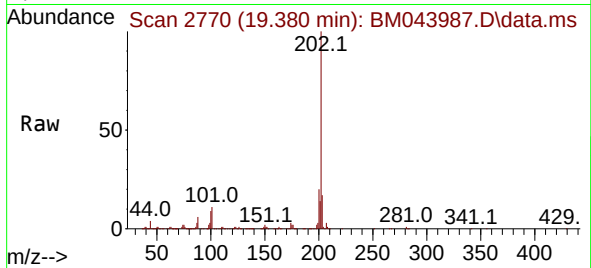
Tgt Ion:149 Resp: 434838
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.5 4.1 6.1





#75
Fluoranthene
Concen: 4.630 ng
RT: 19.380 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM043987.D
Acq: 06 Feb 2024 12:14

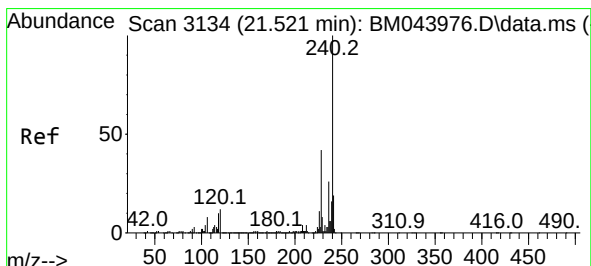
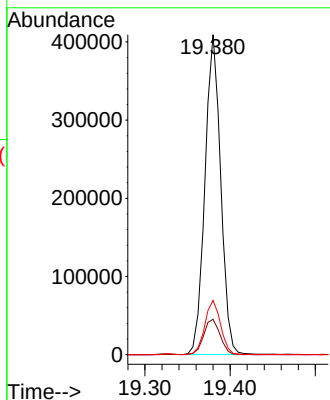
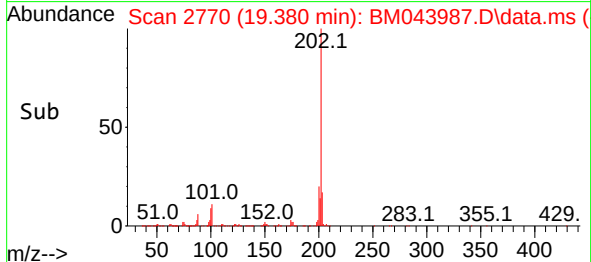
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2023



Tgt Ion:202 Resp: 524450
Ion Ratio Lower Upper
202 100
101 11.1 0.0 31.9
203 17.0 0.0 37.6

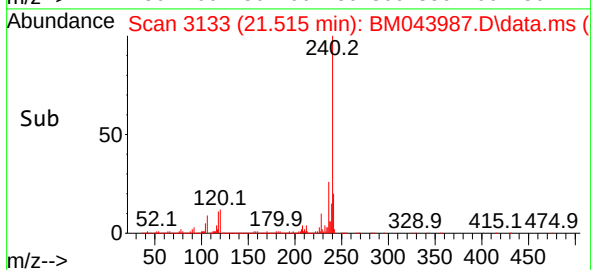
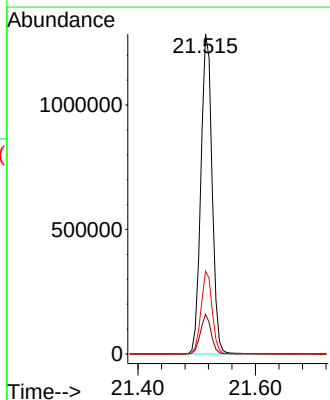
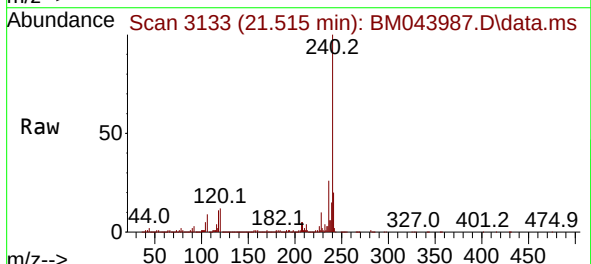
Manual Integrations
APPROVED

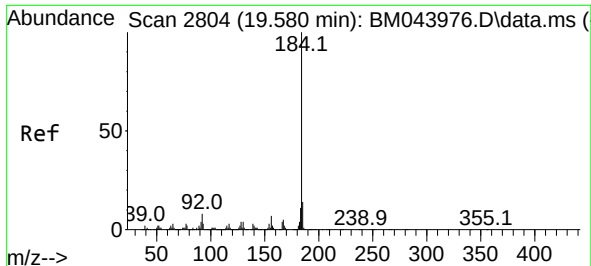
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.515 min Scan# 3133
Delta R.T. -0.006 min
Lab File: BM043987.D
Acq: 06 Feb 2024 12:14

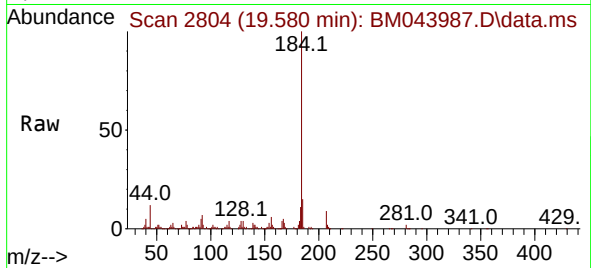
Tgt Ion:240 Resp: 1705091
Ion Ratio Lower Upper
240 100
120 12.4 9.3 13.9
236 25.8 20.5 30.7





#77
Benzidine
Concen: 9.528 ng
RT: 19.580 min Scan# 2804
Delta R.T. -0.000 min
Lab File: BM043987.D
Acq: 06 Feb 2024 12:14

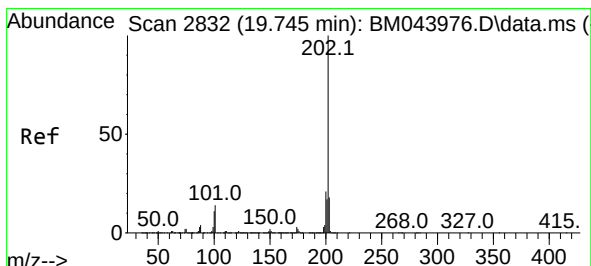
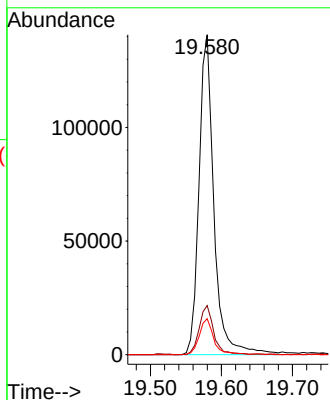
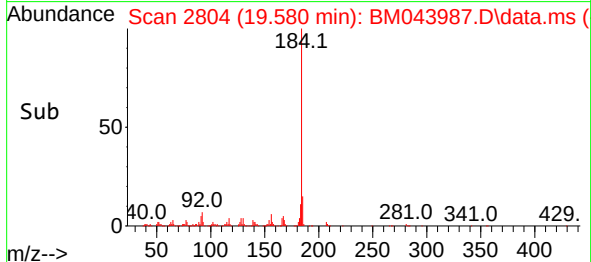
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2023



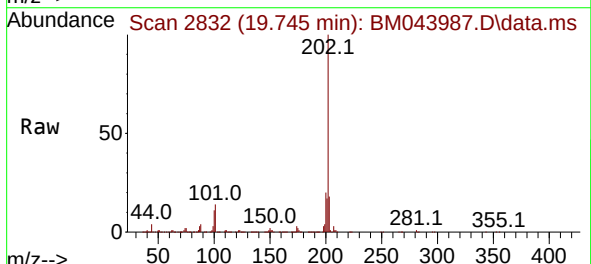
Tgt Ion:184 Resp: 206134
Ion Ratio Lower Upper
184 100
185 15.3 11.5 17.3
183 11.2 8.9 13.3

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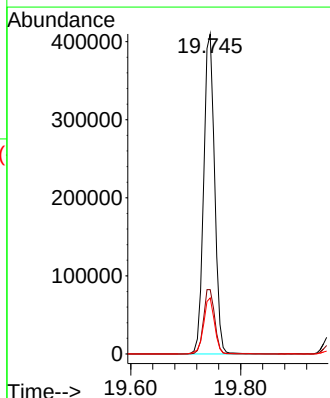
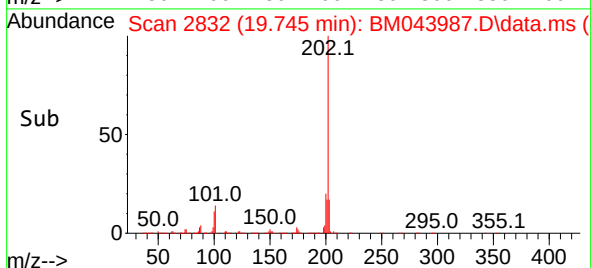
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024

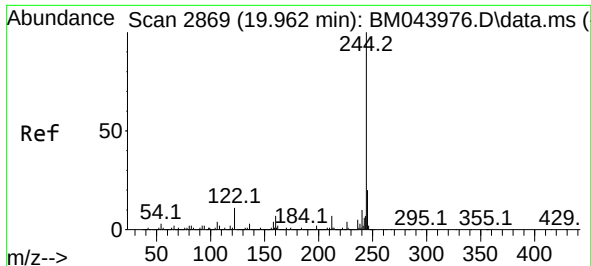


#78
Pyrene
Concen: 4.808 ng
RT: 19.745 min Scan# 2832
Delta R.T. -0.000 min
Lab File: BM043987.D
Acq: 06 Feb 2024 12:14



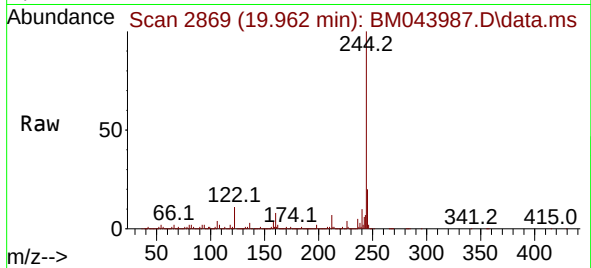
Tgt Ion:202 Resp: 563494
Ion Ratio Lower Upper
202 100
200 20.1 16.8 25.2
203 17.5 14.2 21.4





#79
 Terphenyl-d14
 Concen: 98.092 ng
 RT: 19.962 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM043987.D
 Acq: 06 Feb 2024 12:14

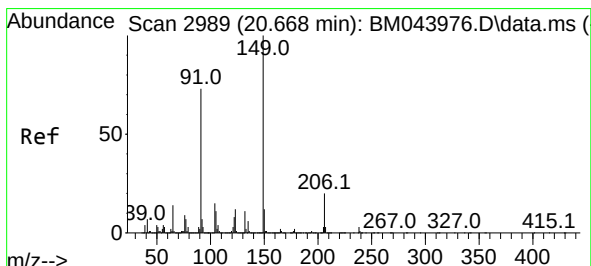
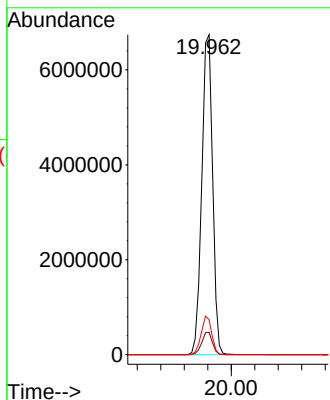
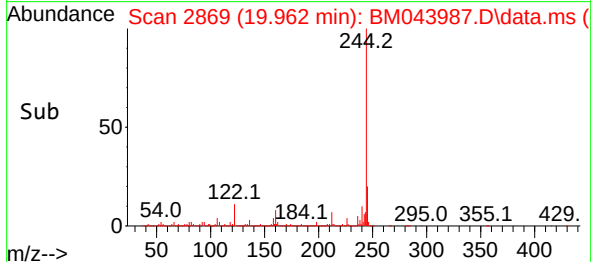
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT3-2023



Tgt Ion:244 Resp: 8664254
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 11.0 8.7 13.1

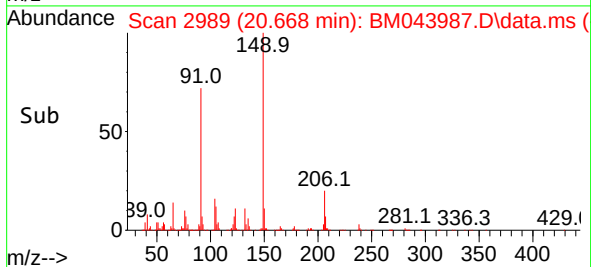
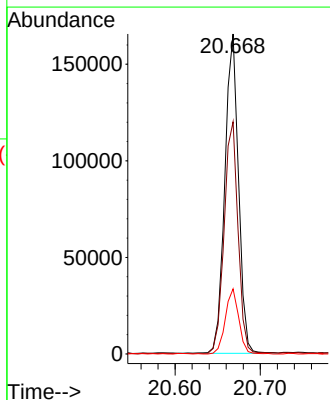
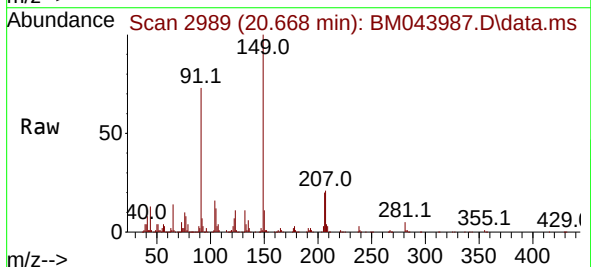
Manual Integrations
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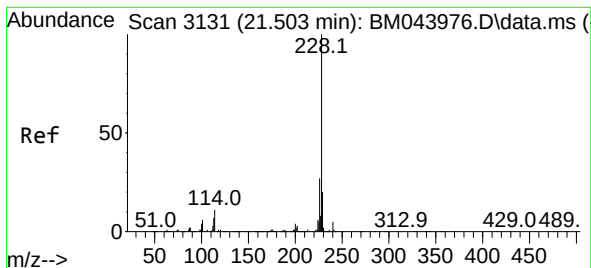
Reviewed By :Jagrut Upadhyay 02/07/2024
 Supervised By :mohammad ahmed 02/08/2024



#80
 Butylbenzylphthalate
 Concen: 3.988 ng
 RT: 20.668 min Scan# 2989
 Delta R.T. -0.000 min
 Lab File: BM043987.D
 Acq: 06 Feb 2024 12:14

Tgt Ion:149 Resp: 185110
 Ion Ratio Lower Upper
 149 100
 91 72.6 58.4 87.6
 206 20.4 15.8 23.6





#81

Benzo(a)anthracene

Concen: 5.015 ng

RT: 21.503 min Scan# 3131

Delta R.T. -0.000 min

Lab File: BM043987.D

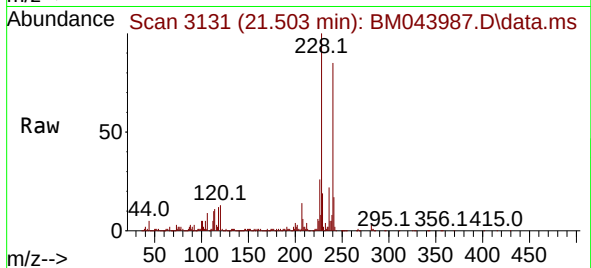
Acq: 06 Feb 2024 12:14

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2023



Tgt Ion:228 Resp: 599960

Ion Ratio Lower Upper

228 100

226 26.4 21.8 32.8

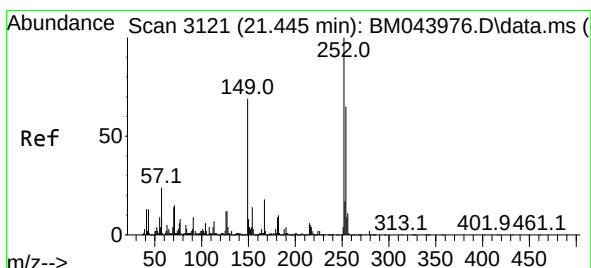
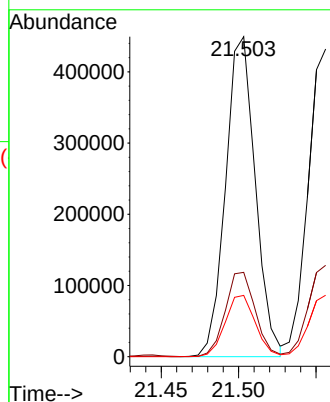
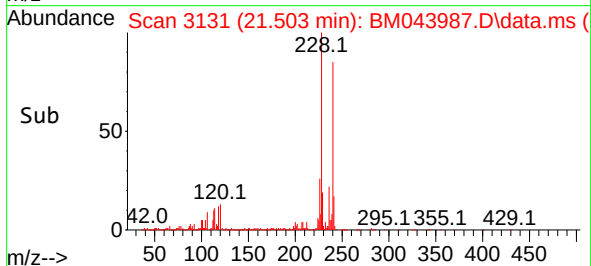
229 19.2 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024

Supervised By :mohammad ahmed 02/08/2024



#82

3,3'-Dichlorobenzidine

Concen: 4.859 ng

RT: 21.444 min Scan# 3121

Delta R.T. -0.000 min

Lab File: BM043987.D

Acq: 06 Feb 2024 12:14

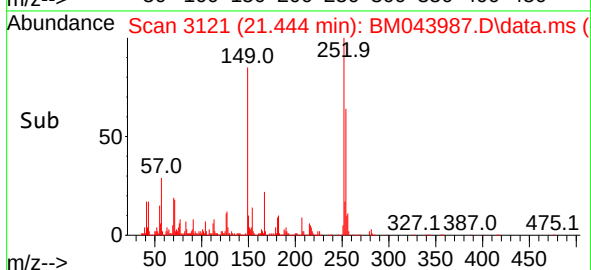
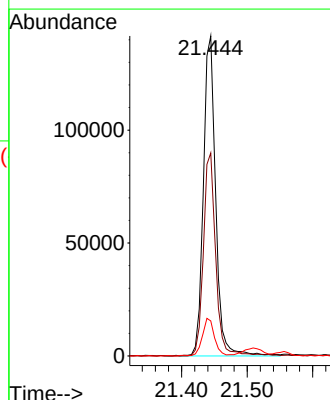
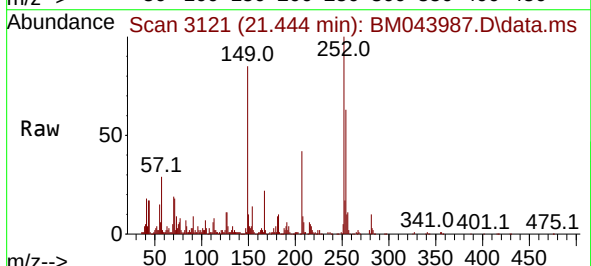
Tgt Ion:252 Resp: 185854

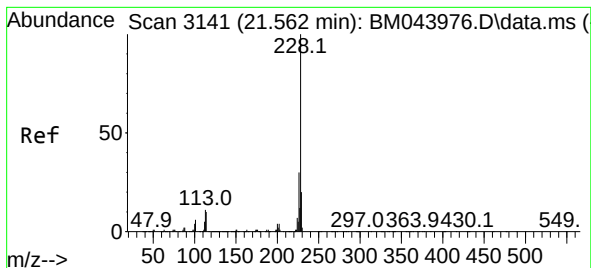
Ion Ratio Lower Upper

252 100

254 63.5 51.6 77.4

126 10.9 9.4 14.2





#83

Chrysene

Concen: 5.004 ng

RT: 21.556 min Scan# 3141

Delta R.T. -0.006 min

Lab File: BM043987.D

Acq: 06 Feb 2024 12:14

Instrument :

BNA_M

ClientSampleId :

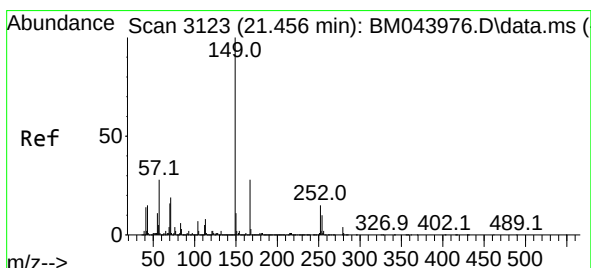
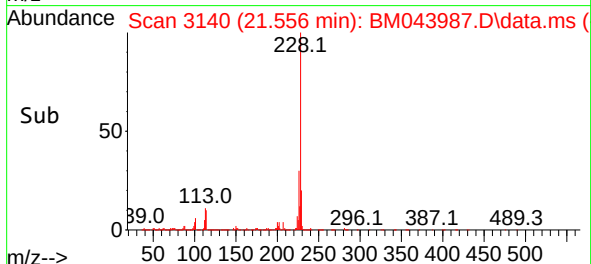
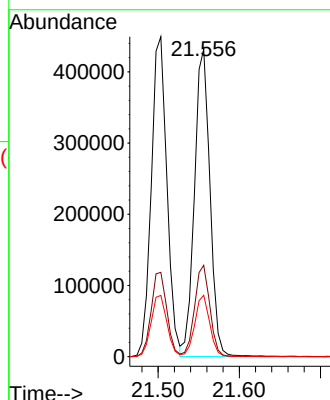
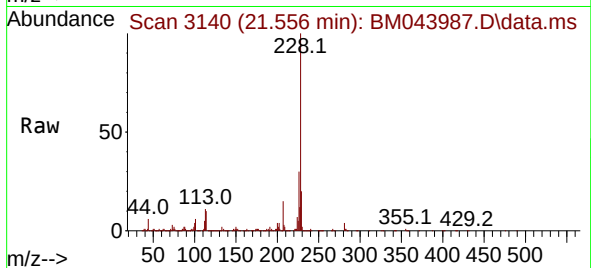
LOQ-WATER-02-QT3-2023

Tgt Ion:228 Resp: 573500
 Ion Ratio Lower Upper
 228 100
 226 29.7 24.2 36.4
 229 20.0 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: 4.107 ng

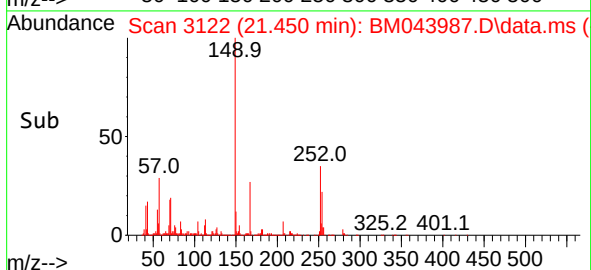
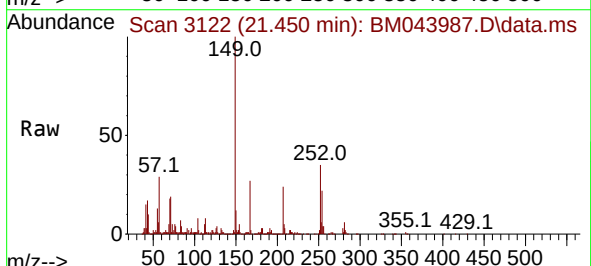
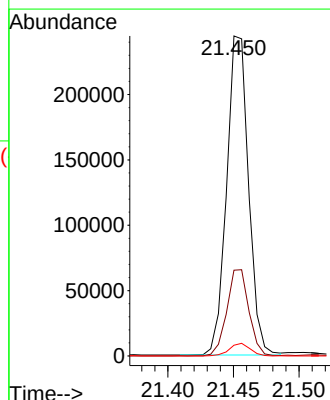
RT: 21.450 min Scan# 3122

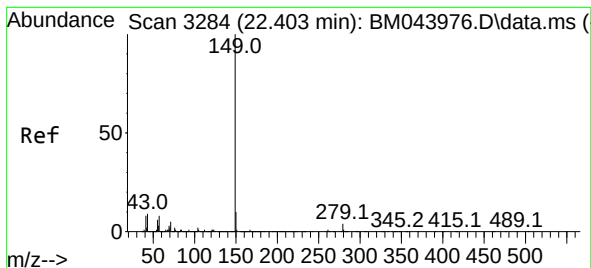
Delta R.T. -0.006 min

Lab File: BM043987.D

Acq: 06 Feb 2024 12:14

Tgt Ion:149 Resp: 283459
 Ion Ratio Lower Upper
 149 100
 167 26.8 22.0 33.0
 279 3.4 3.1 4.7





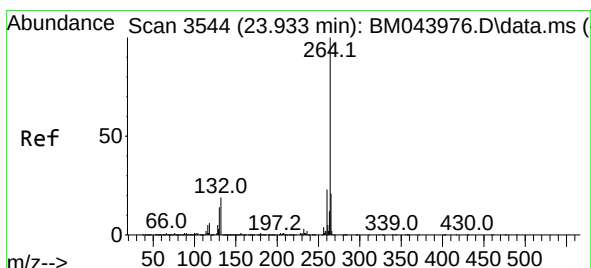
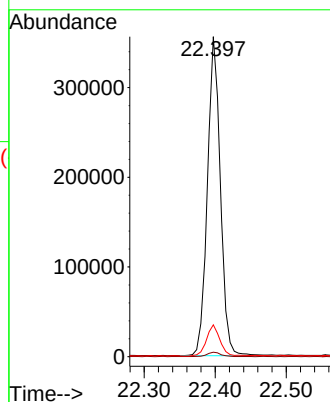
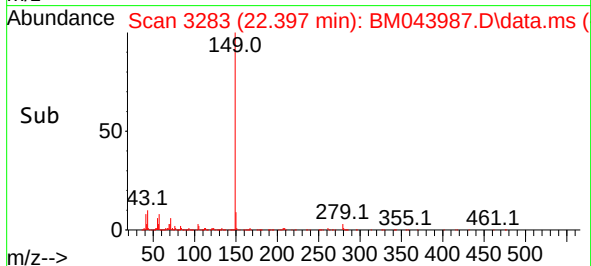
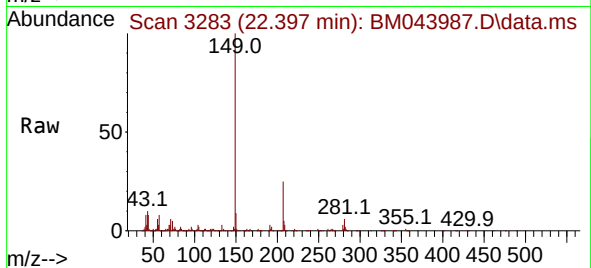
#85
Di-n-octyl phthalate
Concen: 3.811 ng
RT: 22.397 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM043987.D
Acq: 06 Feb 2024 12:14

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

Tgt Ion:149 Resp: 453170
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.1 7.9 11.9

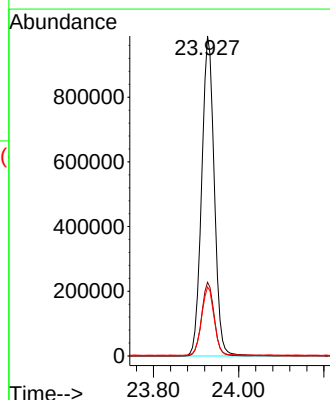
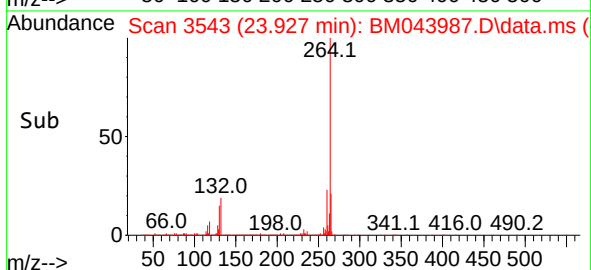
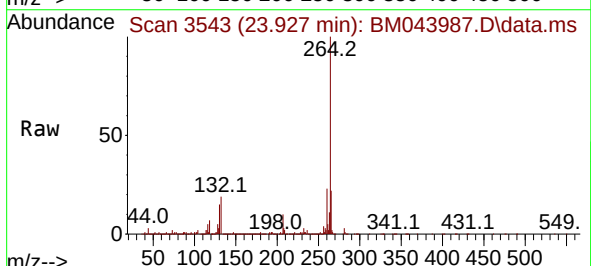
Manual Integrations
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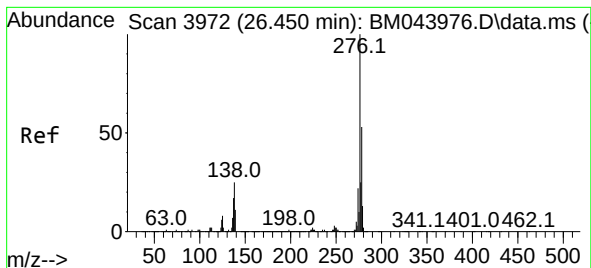
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.927 min Scan# 3543
Delta R.T. -0.006 min
Lab File: BM043987.D
Acq: 06 Feb 2024 12:14

Tgt Ion:264 Resp: 2028831
Ion Ratio Lower Upper
264 100
260 23.0 18.6 28.0
265 21.6 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.675 ng

RT: 26.432 min Scan# 3969

Delta R.T. -0.018 min

Lab File: BM043987.D

Acq: 06 Feb 2024 12:14

Instrument :

BNA_M

ClientSampleId :

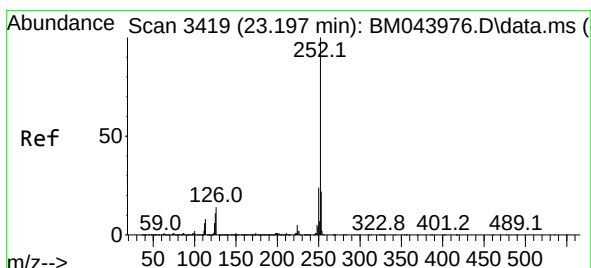
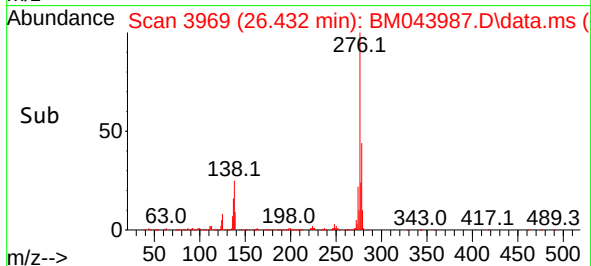
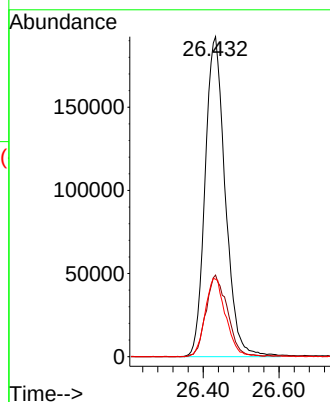
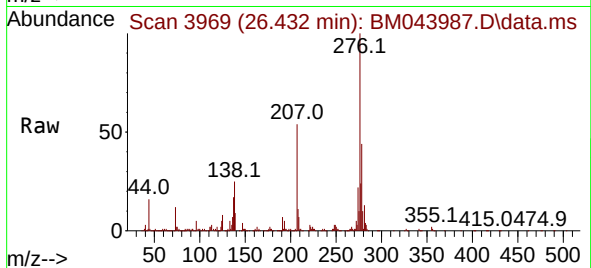
LOQ-WATER-02-QT3-2023

Tgt Ion:	276	Resp:	709692
Ion Ratio	Lower	Upper	
276	100		
138	27.3	21.8	32.6
277	25.1	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: 4.802 ng

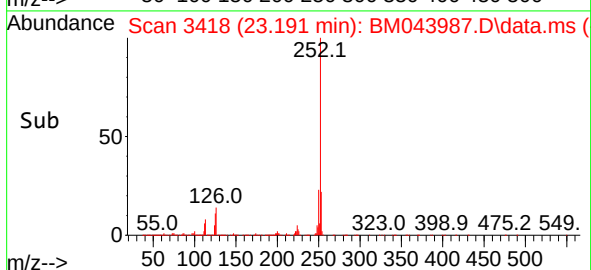
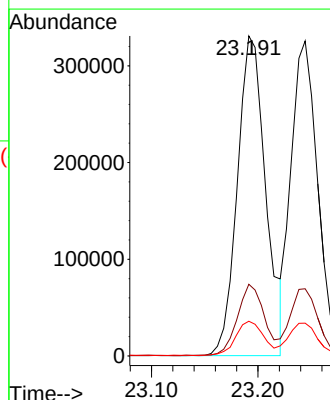
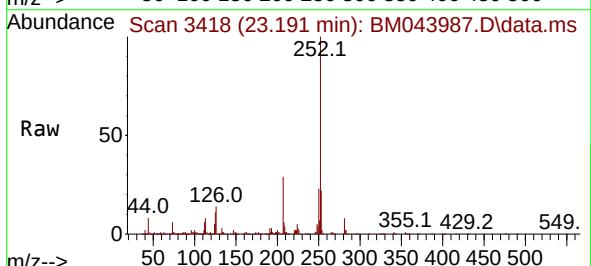
RT: 23.191 min Scan# 3418

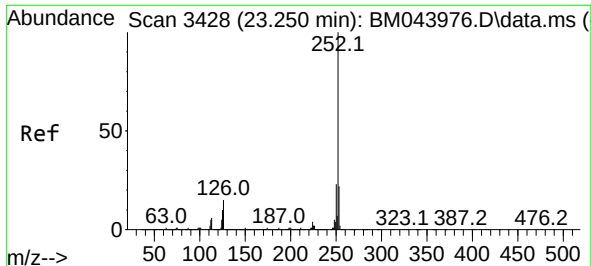
Delta R.T. -0.006 min

Lab File: BM043987.D

Acq: 06 Feb 2024 12:14

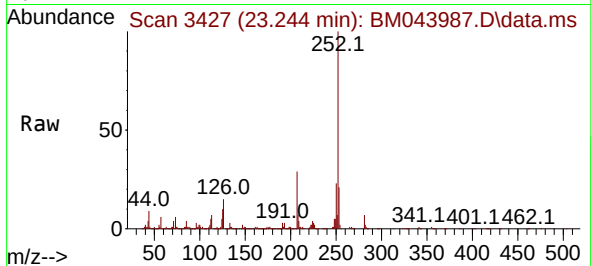
Tgt Ion:	252	Resp:	612817
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.7	26.5
125	10.9	9.0	13.6





#89
Benzo(k)fluoranthene
Concen: 4.658 ng
RT: 23.244 min Scan# 3428
Delta R.T. -0.006 min
Lab File: BM043987.D
Acq: 06 Feb 2024 12:14

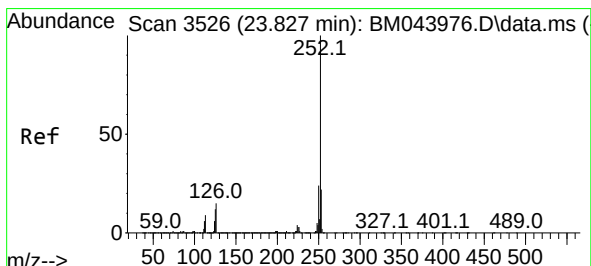
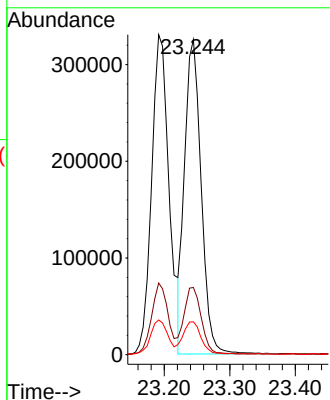
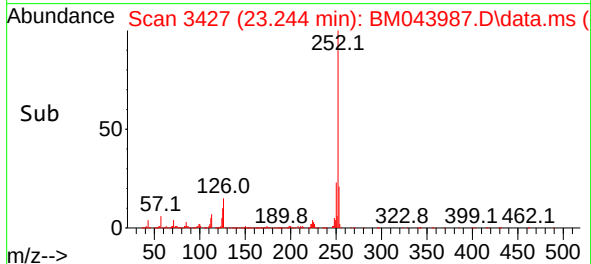
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2023



Tgt Ion:252 Resp: 57026
Ion Ratio Lower Upper
252 100
253 21.3 17.4 26.2
125 10.4 8.3 12.5

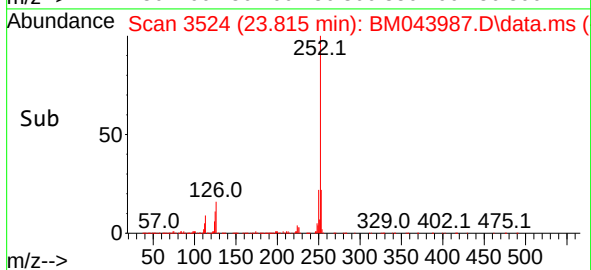
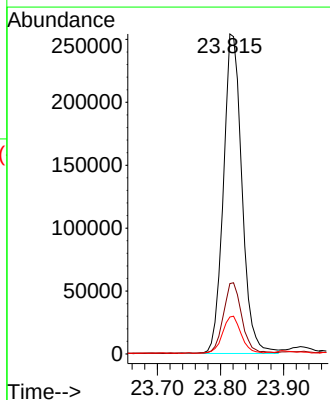
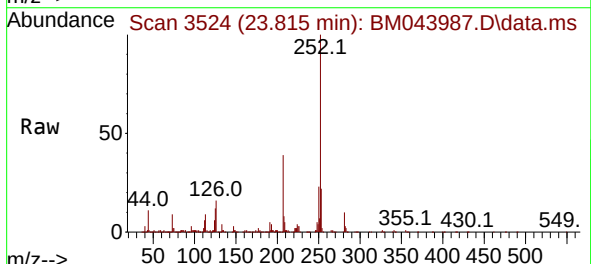
Manual Integrations
APPROVED

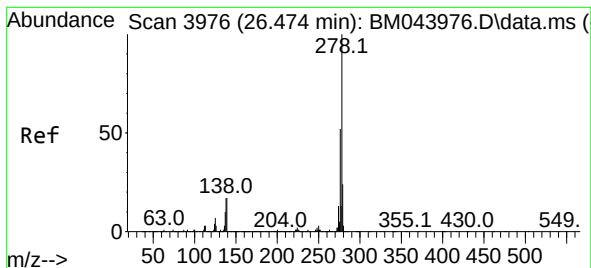
Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024



#90
Benzo(a)pyrene
Concen: 4.592 ng
RT: 23.815 min Scan# 3524
Delta R.T. -0.012 min
Lab File: BM043987.D
Acq: 06 Feb 2024 12:14

Tgt Ion:252 Resp: 517999
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 11.5 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 4.685 ng

RT: 26.456 min Scan# 3976

Delta R.T. -0.018 min

Lab File: BM043987.D

Acq: 06 Feb 2024 12:14

Instrument :

BNA_M

ClientSampleId :

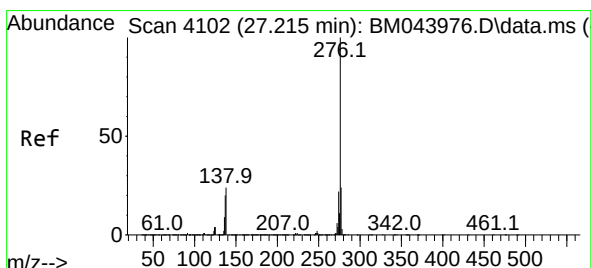
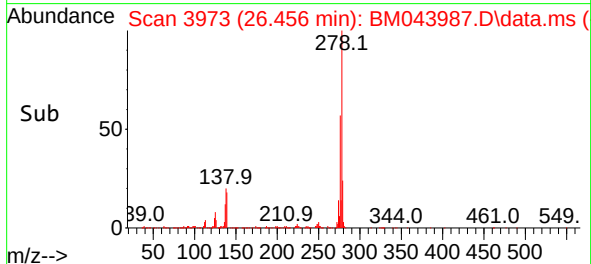
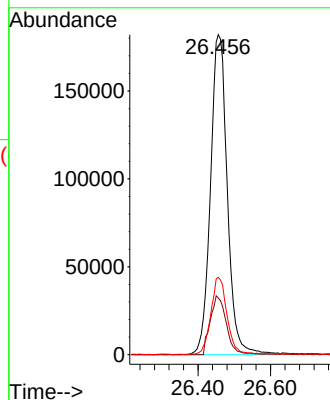
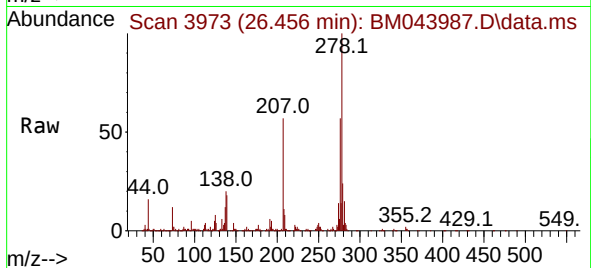
LOQ-WATER-02-QT3-2023

Tgt Ion:	278	Resp:	586590
Ion Ratio	Lower	Upper	
278	100		
139	17.7	13.7	20.5
279	24.2	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: 4.513 ng

RT: 27.191 min Scan# 4098

Delta R.T. -0.024 min

Lab File: BM043987.D

Acq: 06 Feb 2024 12:14

Tgt Ion:	276	Resp:	576320
Ion Ratio	Lower	Upper	
276	100		
277	24.6	19.0	28.4
138	24.3	18.8	28.2

