

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081224\
 Data File : BM047163.D
 Acq On : 12 Aug 2024 20:11
 Operator : RC/JU
 Sample : P3390-08
 Misc : LOQ-WATER-10NG
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Aug 12 23:44:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:47:58 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/13/2024
 Supervised By :mohammad ahmed 08/14/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.369	152	315560	20.000	ng	0.00
21) Naphthalene-d8	10.127	136	1342194	20.000	ng	0.00
39) Acenaphthene-d10	14.027	164	890070	20.000	ng	0.00
64) Phenanthrene-d10	16.792	188	2006678	20.000	ng	0.00
76) Chrysene-d12	21.027	240	1845811	20.000	ng	0.00
86) Perylene-d12	23.721	264	1970965	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.022	112	2534553	143.518	ng	0.00
7) Phenol-d6	6.587	99	3549587	145.868	ng	0.00
23) Nitrobenzene-d5	8.522	82	2340453	87.804	ng	0.00
42) 2,4,6-Tribromophenol	15.539	330	1656632	160.518	ng	0.00
45) 2-Fluorobiphenyl	12.639	172	5154901	89.337	ng	0.00
79) Terphenyl-d14	19.462	244	8610873	99.962	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.040	88	86099	11.767	ng	100
3) Pyridine	3.416	79	225412	10.505	ng	99
4) n-Nitrosodimethylamine	3.328	42	107563	11.474	ng	# 90
6) Aniline	6.722	93	327105	14.222	ng	99
8) 2-Chlorophenol	6.945	128	227612	11.817	ng	97
9) Benzaldehyde	6.539	77	192913m	11.426	ng	
10) Phenol	6.610	94	269877	11.115	ng	98
11) bis(2-Chloroethyl)ether	6.822	93	247837	11.919	ng	99
12) 1,3-Dichlorobenzene	7.263	146	259952	11.357	ng	99
13) 1,4-Dichlorobenzene	7.410	146	266606	11.504	ng	98
14) 1,2-Dichlorobenzene	7.716	146	257645	11.783	ng	99
15) Benzyl Alcohol	7.622	79	217577	12.563	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.910	45	335707	12.581	ng	98
17) 2-Methylphenol	7.828	107	191431	11.817	ng	98
18) Hexachloroethane	8.422	117	101601	11.318	ng	96
19) n-Nitroso-di-n-propyla...	8.181	70	210795	12.860	ng	98
20) 3+4-Methylphenols	8.157	107	263292	11.626	ng	97
22) Acetophenone	8.192	105	391106	12.072	ng	99
24) Nitrobenzene	8.563	77	305995	11.400	ng	99
25) Isophorone	9.086	82	564459	12.162	ng	99
26) 2-Nitrophenol	9.263	139	126653	10.655	ng	99
27) 2,4-Dimethylphenol	9.339	122	135879	9.759	ng	99
28) bis(2-Chloroethoxy)met...	9.569	93	349012	11.951	ng	99
29) 2,4-Dichlorophenol	9.792	162	230433	11.154	ng	98
30) 1,2,4-Trichlorobenzene	9.998	180	258698	11.065	ng	98
31) Naphthalene	10.175	128	766534	11.464	ng	100
32) Benzoic acid	9.463	122	138600	8.568	ng	97
33) 4-Chloroaniline	10.304	127	321481	12.503	ng	99
34) Hexachlorobutadiene	10.463	225	139807	10.216	ng	98
35) Caprolactam	11.092	113	81817	11.403	ng	89
36) 4-Chloro-3-methylphenol	11.445	107	249891	11.357	ng	99
37) 2-Methylnaphthalene	11.804	142	542522	11.396	ng	98
38) 1-Methylnaphthalene	12.027	142	531292	11.292	ng	99
40) 1,2,4,5-Tetrachloroben...	12.180	216	276498	11.389	ng	99
41) Hexachlorocyclopentadiene	12.163	237	110205	13.000	ng	99
43) 2,4,6-Trichlorophenol	12.439	196	189522	10.983	ng	100

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 Misc : LOQ-WATER-10NG
 ALS Vial : 15 Sample Multiplier: 1

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

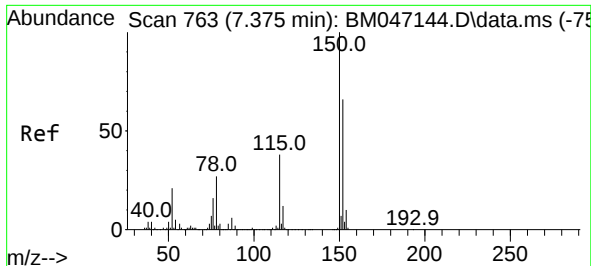
Quant Time: Aug 12 23:44:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
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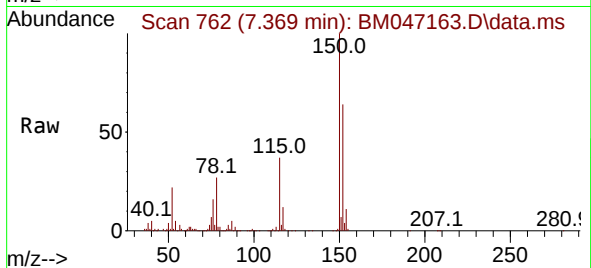
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.516	196	214383	11.190	ng	99
46) 1,1'-Biphenyl	12.851	154	748176	11.807	ng	97
47) 2-Chloronaphthalene	12.886	162	588795	11.888	ng	99
48) 2-Nitroaniline	13.110	65	183853	11.849	ng	95
49) Acenaphthylene	13.745	152	959528	13.144	ng	100
50) Dimethylphthalate	13.510	163	761001	12.242	ng	99
51) 2,6-Dinitrotoluene	13.621	165	163983	11.285	ng	96
52) Acenaphthene	14.092	154	553084	11.943	ng	100
53) 3-Nitroaniline	13.951	138	170604	11.716	ng	95
54) 2,4-Dinitrophenol	14.168	184	81725	9.384	ng	95
55) Dibenzofuran	14.433	168	919663	12.573	ng	99
56) 4-Nitrophenol	14.292	139	140421	11.183	ng	96
57) 2,4-Dinitrotoluene	14.421	165	220688	11.378	ng	96
58) Fluorene	15.092	166	745567	12.353	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.674	232	187823	11.929	ng	98
60) Diethylphthalate	14.892	149	765739	12.063	ng	99
61) 4-Chlorophenyl-phenyle...	15.098	204	342233	11.911	ng	99
62) 4-Nitroaniline	15.127	138	164349m	11.457	ng	
63) Azobenzene	15.392	77	756627	12.571	ng	100
65) 4,6-Dinitro-2-methylph...	15.192	198	114326	9.731	ng	96
66) n-Nitrosodiphenylamine	15.315	169	642157	11.749	ng	99
67) 4-Bromophenyl-phenylether	15.992	248	211545	10.940	ng	99
68) Hexachlorobenzene	16.092	284	249657	10.780	ng	98
69) Atrazine	16.286	200	231803	14.094	ng	99
70) Pentachlorophenol	16.451	266	147719	9.099	ng	99
71) Phenanthrene	16.833	178	1196860	11.885	ng	99
72) Anthracene	16.921	178	1118609	11.416	ng	100
73) Carbazole	17.203	167	1142097	11.415	ng	99
74) Di-n-butylphthalate	17.792	149	1348963	11.587	ng	99
75) Fluoranthene	18.868	202	1361106	11.112	ng	99
77) Benzidine	19.074	184	365509	11.677	ng	99
78) Pyrene	19.233	202	1444557	10.961	ng	99
80) Butylbenzylphthalate	20.174	149	604266	11.235	ng	97
81) Benzo(a)anthracene	21.009	228	1387800	11.326	ng	99
82) 3,3'-Dichlorobenzidine	20.950	252	510947	13.327	ng	100
83) Chrysene	21.062	228	1281194	11.020	ng	99
84) Bis(2-ethylhexyl)phtha...	20.974	149	890645	11.676	ng	99
85) Di-n-octyl phthalate	22.003	149	1442323	11.125	ng	98
87) Indeno(1,2,3-cd)pyrene	26.703	276	1425378	11.188	ng	99
88) Benzo(b)fluoranthene	22.874	252	1387967	11.858	ng	99
89) Benzo(k)fluoranthene	22.933	252	1345545	12.171	ng	100
90) Benzo(a)pyrene	23.591	252	1180861	11.646	ng	99
91) Dibenzo(a,h)anthracene	26.756	278	1187443	11.517	ng	99
92) Benzo(g,h,i)perylene	27.632	276	1138997	10.640	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.369 min Scan# 70
Delta R.T. -0.006 min
Lab File: BM047163.D
Acq: 12 Aug 2024 20:11

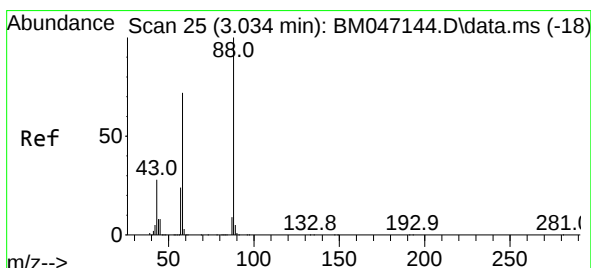
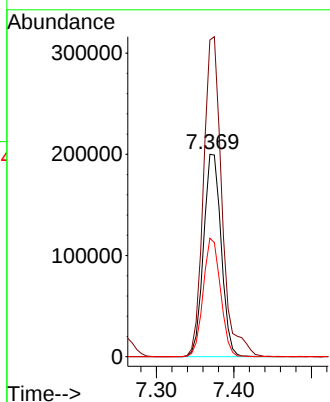
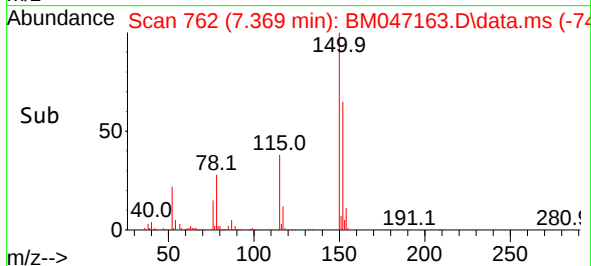
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion:152 Resp: 315560
Ion Ratio Lower Upper
152 100
150 156.4 120.5 180.7
115 58.5 45.5 68.3

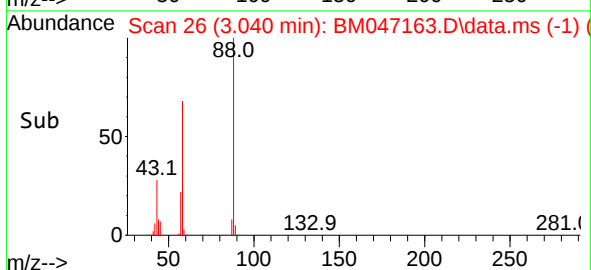
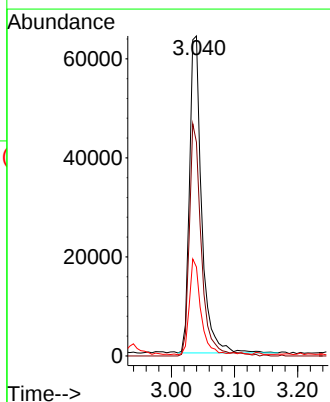
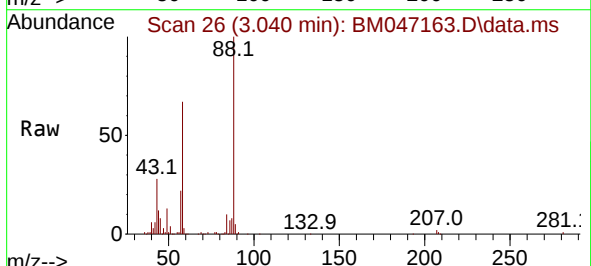
Manual Integrations
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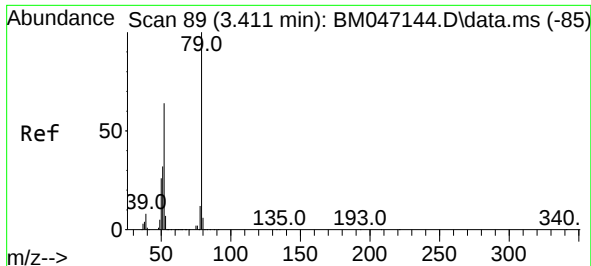
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#2
1,4-Dioxane
Concen: 11.767 ng
RT: 3.040 min Scan# 26
Delta R.T. 0.006 min
Lab File: BM047163.D
Acq: 12 Aug 2024 20:11

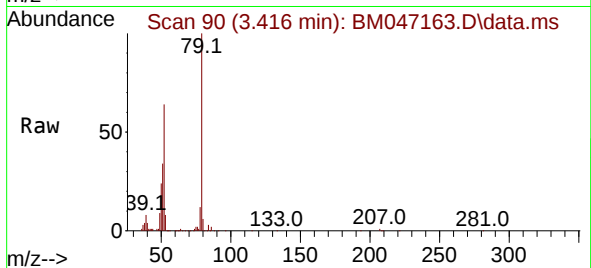
Tgt Ion: 88 Resp: 86099
Ion Ratio Lower Upper
88 100
58 72.6 58.2 87.4
43 28.2 22.5 33.7





#3
 Pyridine
 Concen: 10.505 ng
 RT: 3.416 min Scan# 90
 Delta R.T. 0.006 min
 Lab File: BM047163.D
 Acq: 12 Aug 2024 20:11

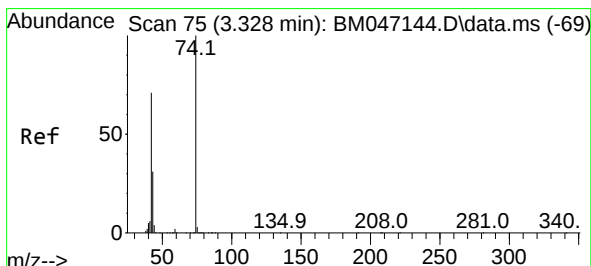
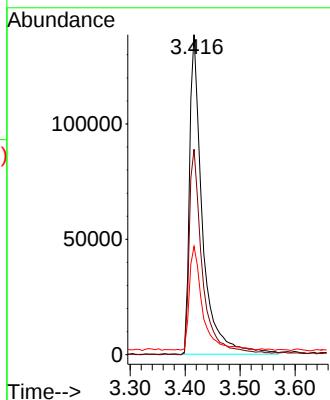
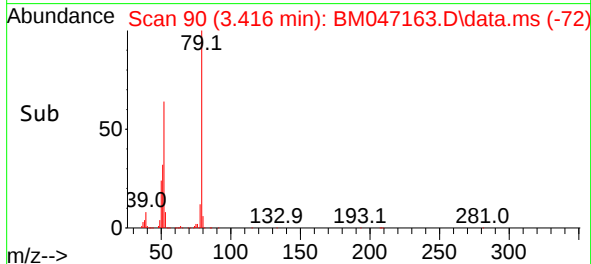
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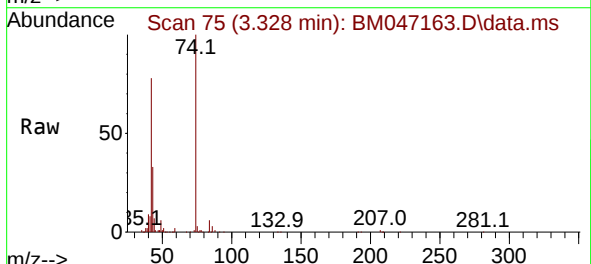
Tgt Ion: 79 Resp: 225412
 Ion Ratio Lower Upper
 79 100
 52 64.2 51.2 76.8
 51 33.9 26.1 39.1

Manual Integrations
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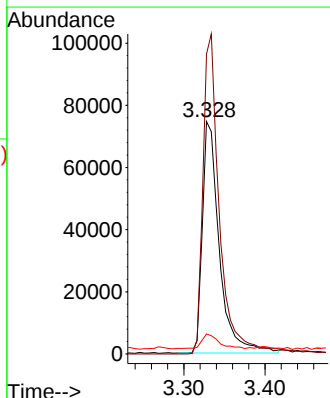
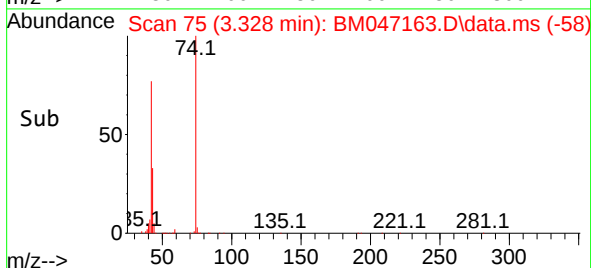
Reviewed By :Yogesh Patel 08/13/2024
 Supervised By :mohammad ahmed 08/14/2024

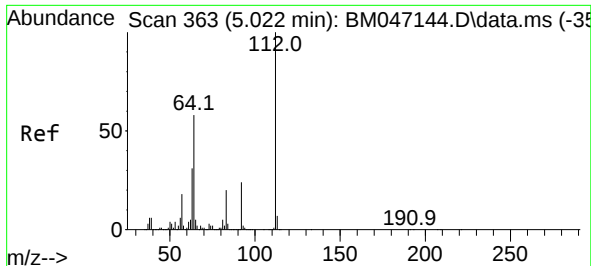


#4
 n-Nitrosodimethylamine
 Concen: 11.474 ng
 RT: 3.328 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: BM047163.D
 Acq: 12 Aug 2024 20:11



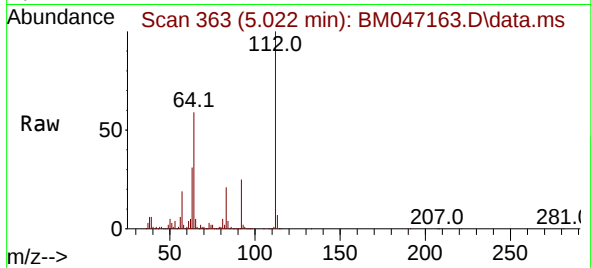
Tgt Ion: 42 Resp: 107563
 Ion Ratio Lower Upper
 42 100
 74 129.0 112.9 169.3
 44 8.6 5.3 7.9





#5
2-Fluorophenol
Concen: 143.518 ng
RT: 5.022 min Scan# 30
Delta R.T. -0.000 min
Lab File: BM047163.D
Acq: 12 Aug 2024 20:11

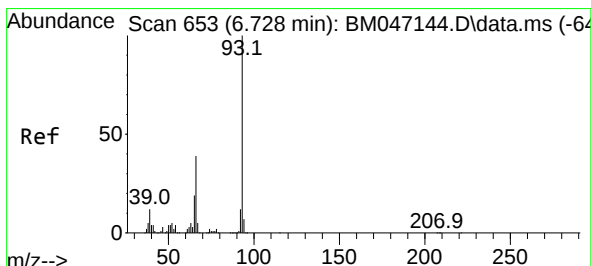
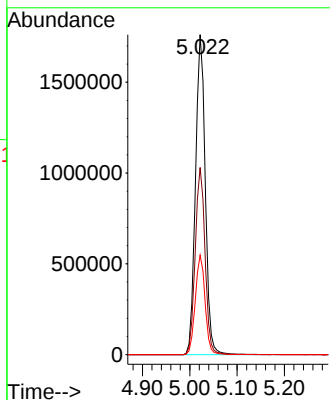
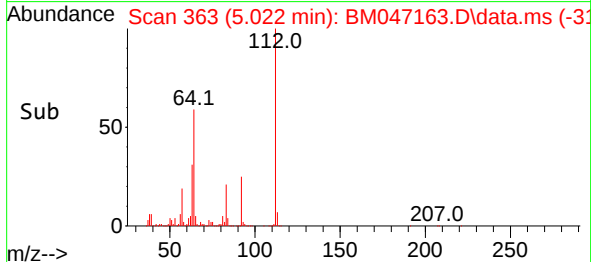
Instrument :
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ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion:112 Resp: 253455
Ion Ratio Lower Upper
112 100
64 58.5 46.7 70.1
63 31.1 24.8 37.2

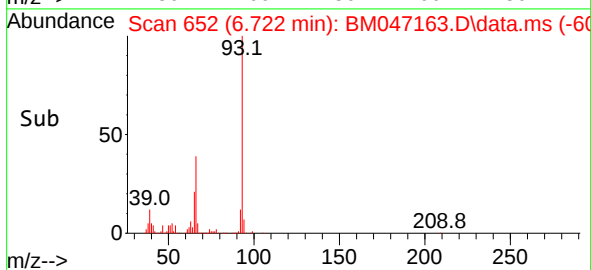
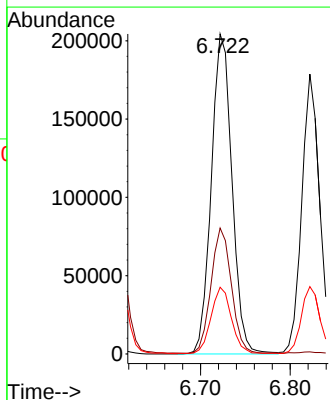
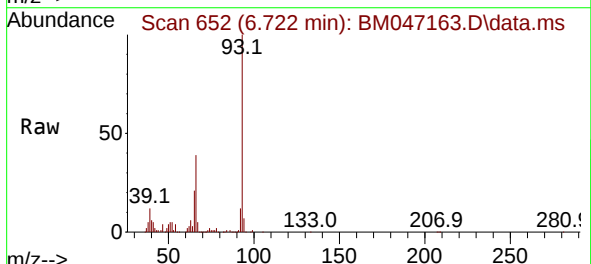
Manual Integrations
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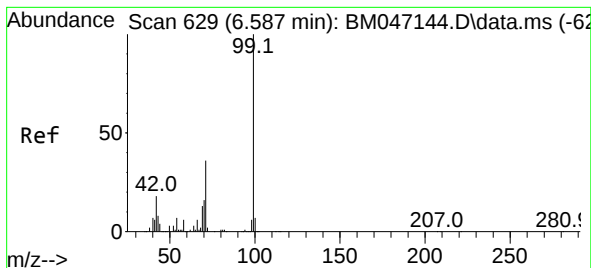
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#6
Aniline
Concen: 14.222 ng
RT: 6.722 min Scan# 652
Delta R.T. -0.006 min
Lab File: BM047163.D
Acq: 12 Aug 2024 20:11

Tgt Ion: 93 Resp: 327105
Ion Ratio Lower Upper
93 100
66 39.3 31.4 47.2
65 20.8 15.6 23.4





#7

Phenol-d6

Concen: 145.868 ng

RT: 6.587 min Scan# 61

Delta R.T. -0.000 min

Lab File: BM047163.D

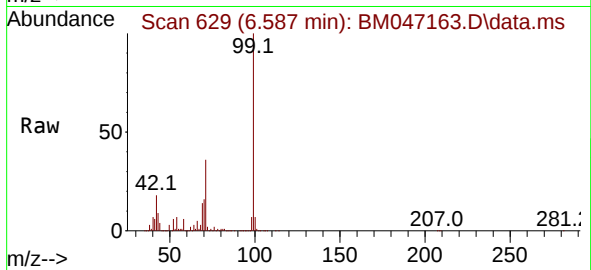
Acq: 12 Aug 2024 20:11

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2024



Tgt Ion: 99 Resp: 354958

Ion Ratio Lower Upper

99 100

42 17.8 14.1 21.1

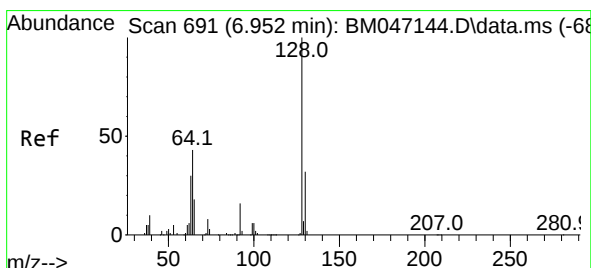
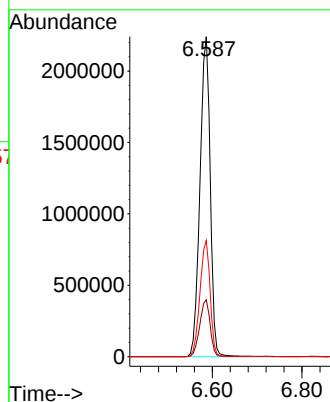
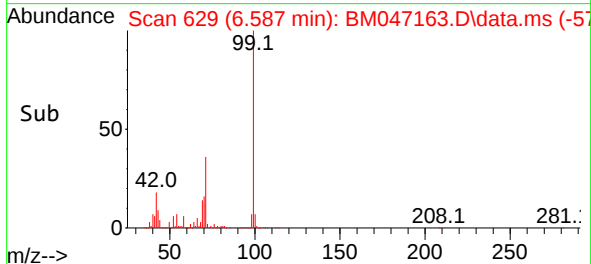
71 36.3 28.5 42.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/14/2024



#8

2-Chlorophenol

Concen: 11.817 ng

RT: 6.945 min Scan# 690

Delta R.T. -0.006 min

Lab File: BM047163.D

Acq: 12 Aug 2024 20:11

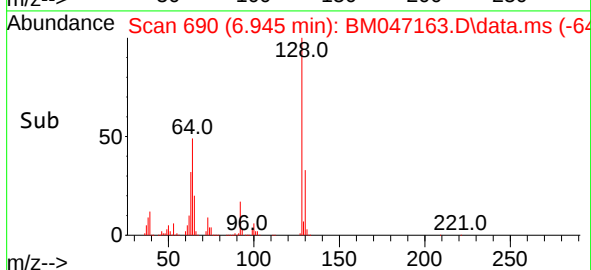
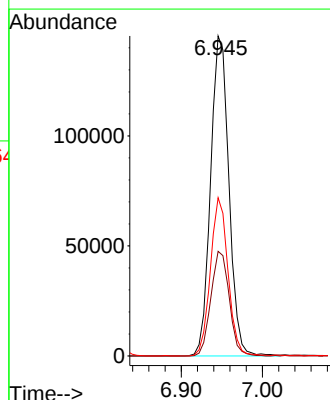
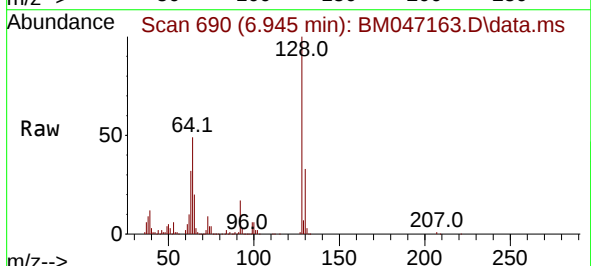
Tgt Ion:128 Resp: 227612

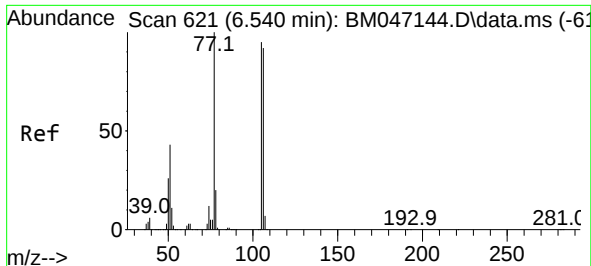
Ion Ratio Lower Upper

128 100

130 32.7 12.1 52.1

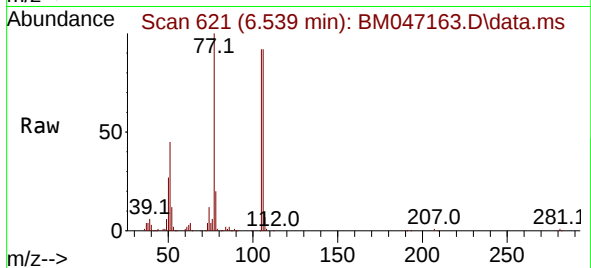
64 49.4 26.6 66.6





#9
Benzaldehyde
Concen: 11.426 ng m
RT: 6.539 min Scan# 61
Delta R.T. -0.001 min
Lab File: BM047163.D
Acq: 12 Aug 2024 20:11

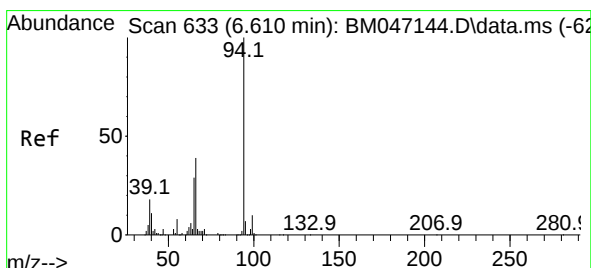
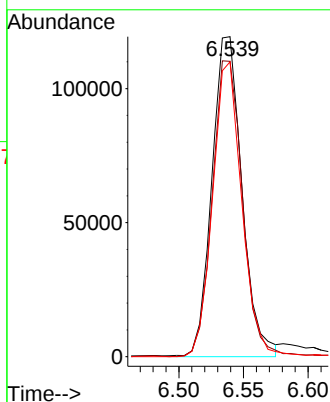
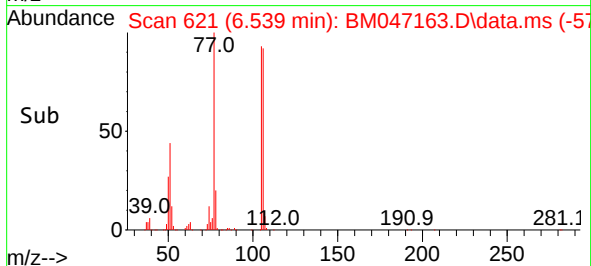
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion: 77 Resp: 19291
Ion Ratio Lower Upper
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105 92.3 74.5 114.5
106 92.1 72.3 112.3

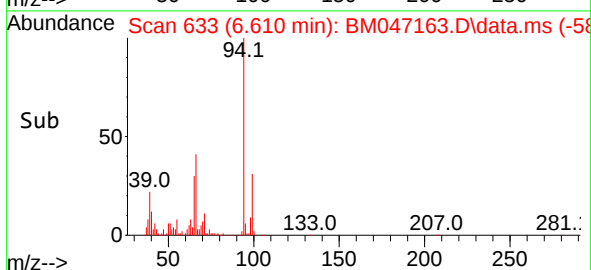
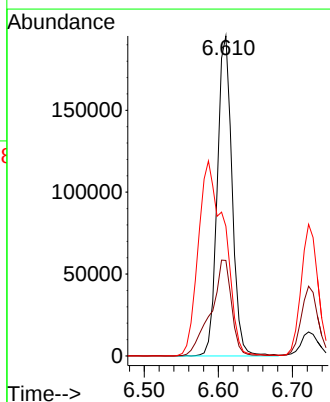
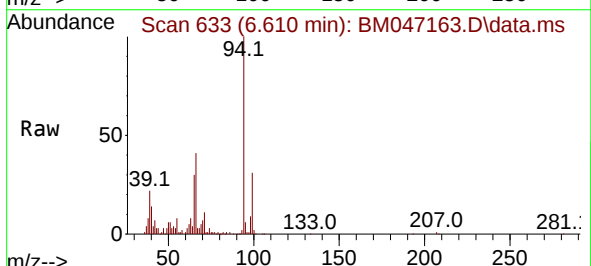
Manual Integrations
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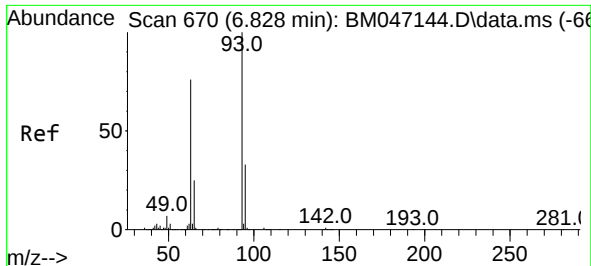
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#10
Phenol
Concen: 11.115 ng
RT: 6.610 min Scan# 633
Delta R.T. -0.000 min
Lab File: BM047163.D
Acq: 12 Aug 2024 20:11

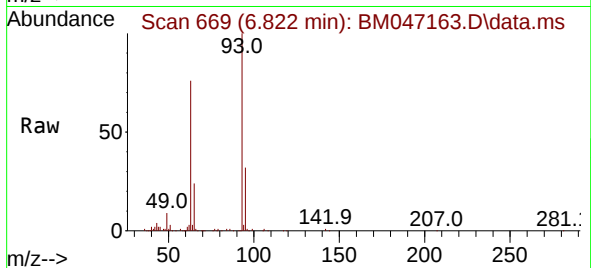
Tgt Ion: 94 Resp: 269877
Ion Ratio Lower Upper
94 100
65 29.9 9.0 49.0
66 40.5 18.9 58.9





#11
bis(2-Chloroethyl)ether
Concen: 11.919 ng
RT: 6.822 min Scan# 669
Delta R.T. -0.006 min
Lab File: BM047163.D
Acq: 12 Aug 2024 20:11

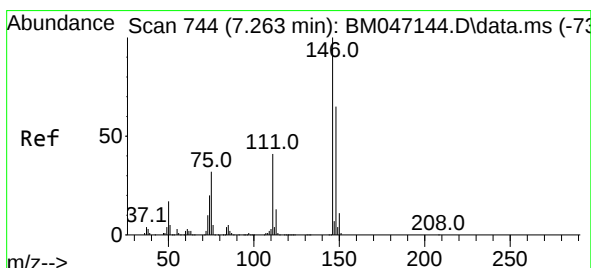
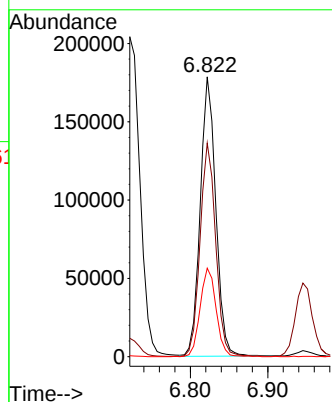
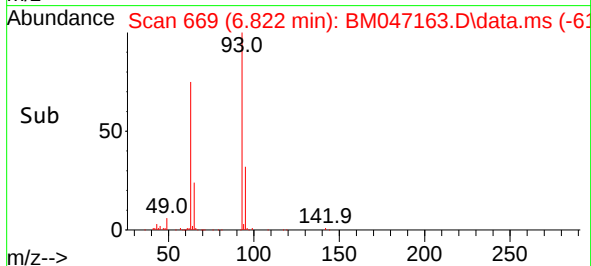
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion: 93 Resp: 24783
Ion Ratio Lower Upper
93 100
63 76.4 55.8 95.8
95 31.6 12.7 52.7

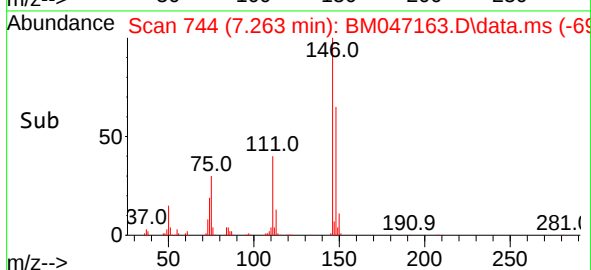
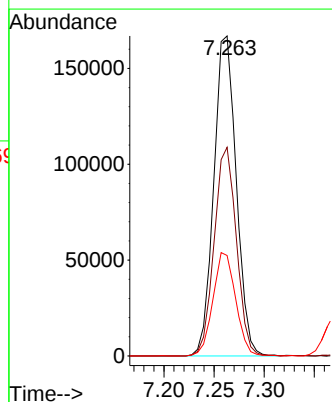
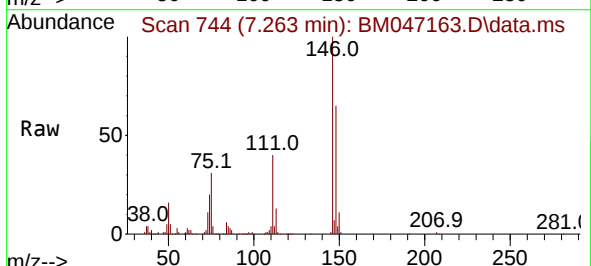
Manual Integrations
APPROVED

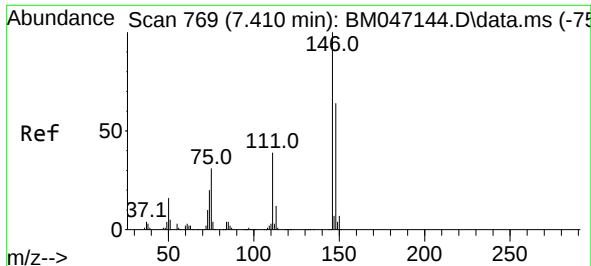
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#12
1,3-Dichlorobenzene
Concen: 11.357 ng
RT: 7.263 min Scan# 744
Delta R.T. -0.000 min
Lab File: BM047163.D
Acq: 12 Aug 2024 20:11

Tgt Ion:146 Resp: 259952
Ion Ratio Lower Upper
146 100
148 65.2 52.3 78.5
75 31.4 25.8 38.6





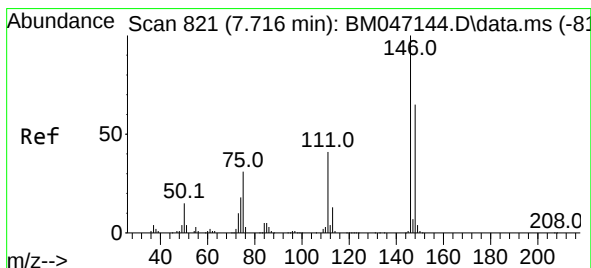
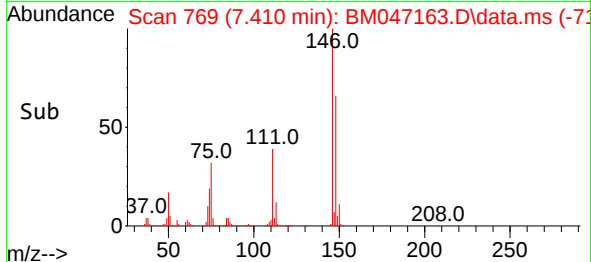
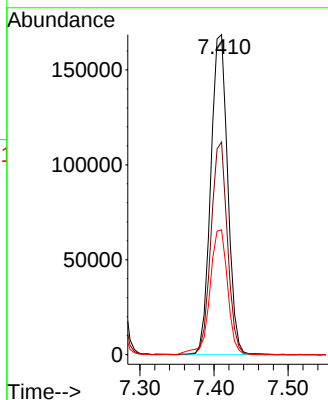
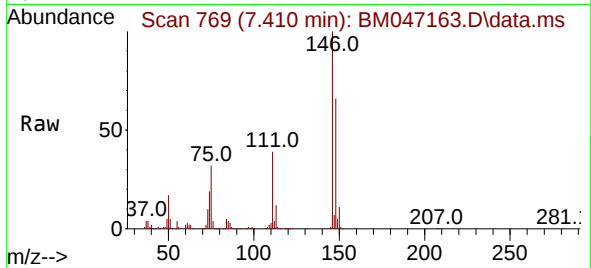
#13
1,4-Dichlorobenzene
Concen: 11.504 ng
RT: 7.410 min Scan# 769
Delta R.T. -0.000 min
Lab File: BM047163.D
Acq: 12 Aug 2024 20:11

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

Tgt Ion:146 Resp: 266600
Ion Ratio Lower Upper
146 100
148 66.5 51.4 77.2
111 39.0 31.5 47.3

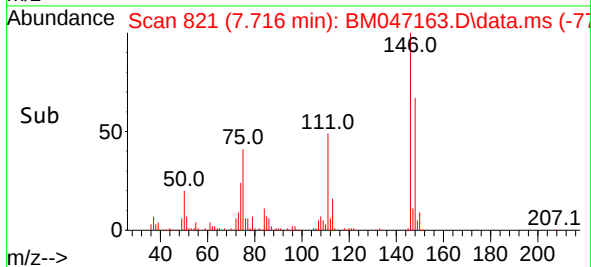
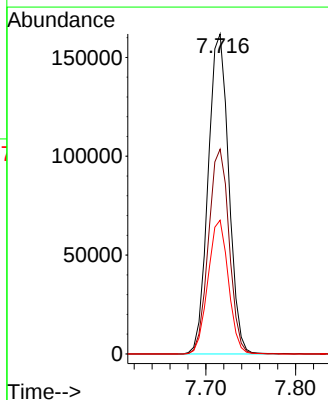
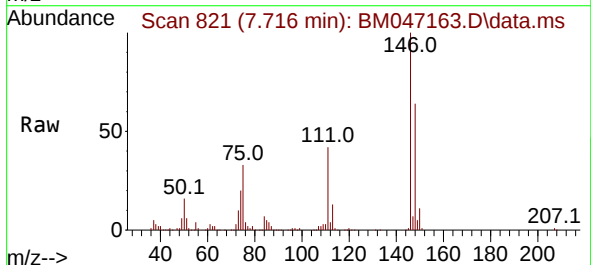
Manual Integrations
APPROVED

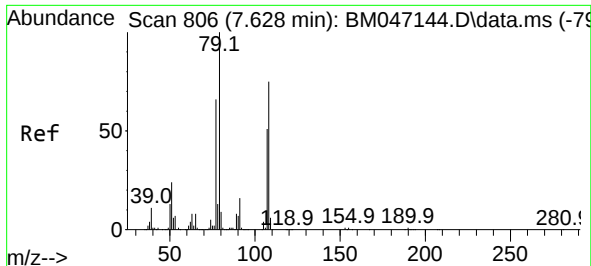
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#14
1,2-Dichlorobenzene
Concen: 11.783 ng
RT: 7.716 min Scan# 821
Delta R.T. -0.000 min
Lab File: BM047163.D
Acq: 12 Aug 2024 20:11

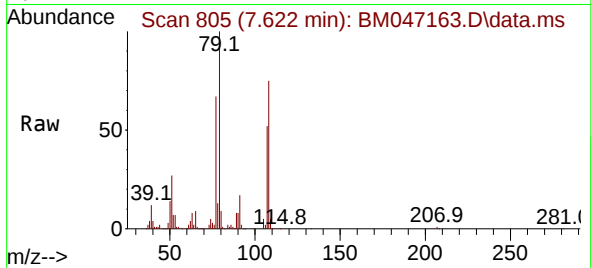
Tgt Ion:146 Resp: 257645
Ion Ratio Lower Upper
146 100
148 64.0 51.8 77.8
111 41.8 33.3 49.9





#15
Benzyl Alcohol
Concen: 12.563 ng
RT: 7.622 min Scan# 805
Delta R.T. -0.006 min
Lab File: BM047163.D
Acq: 12 Aug 2024 20:11

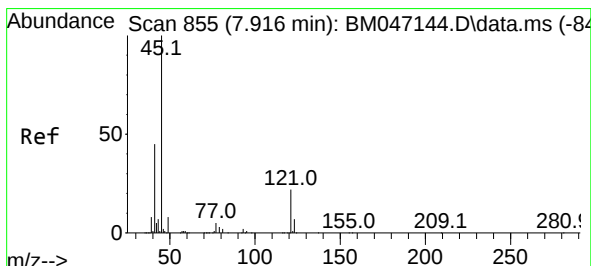
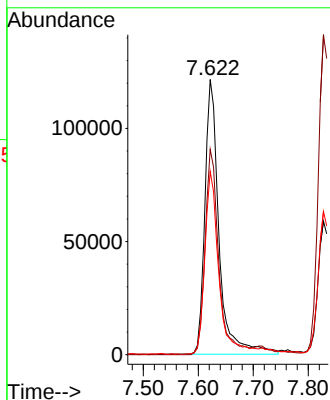
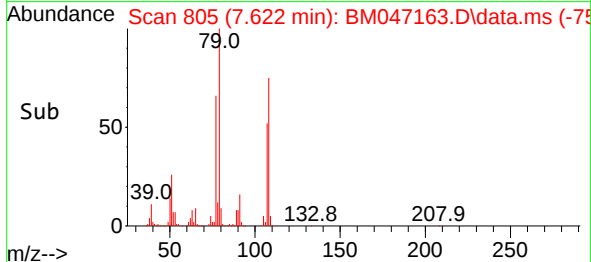
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



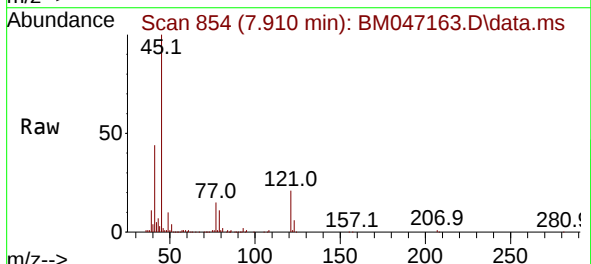
Tgt Ion: 79 Resp: 21757
Ion Ratio Lower Upper
79 100
108 74.7 59.7 89.5
77 66.6 52.9 79.3

Manual Integrations
APPROVED

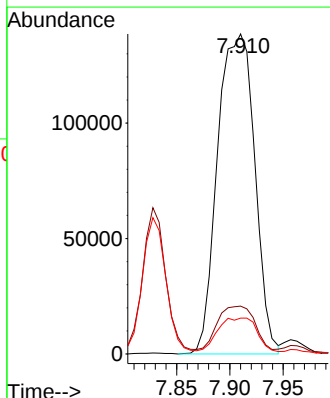
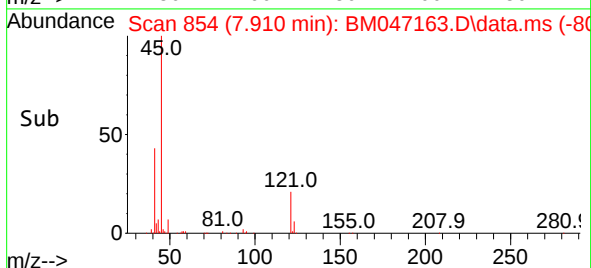
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024

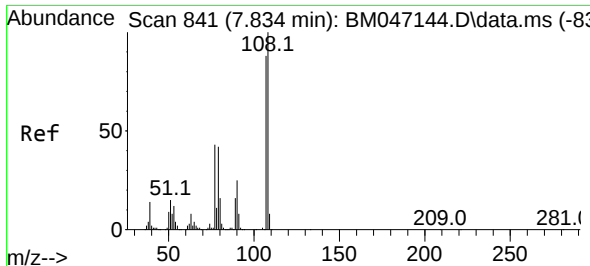


#16
2,2'-oxybis(1-Chloropropane)
Concen: 12.581 ng
RT: 7.910 min Scan# 854
Delta R.T. -0.006 min
Lab File: BM047163.D
Acq: 12 Aug 2024 20:11



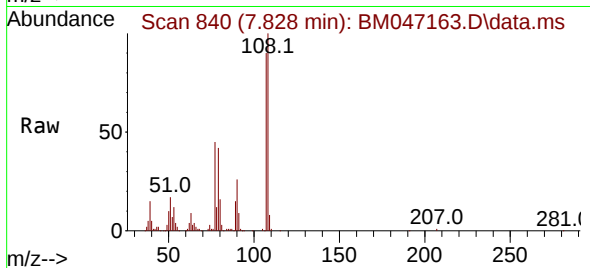
Tgt Ion: 45 Resp: 335707
Ion Ratio Lower Upper
45 100
77 15.0 0.0 35.6
79 11.2 0.0 32.4





#17
2-Methylphenol
Concen: 11.817 ng
RT: 7.828 min Scan# 841
Delta R.T. -0.006 min
Lab File: BM047163.D
Acq: 12 Aug 2024 20:11

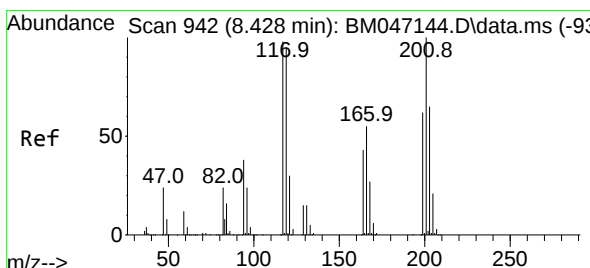
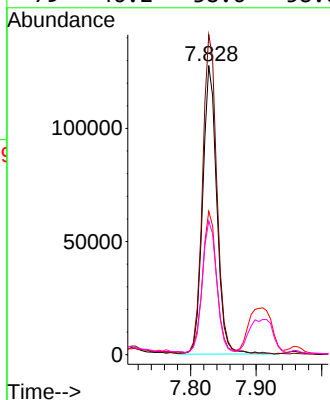
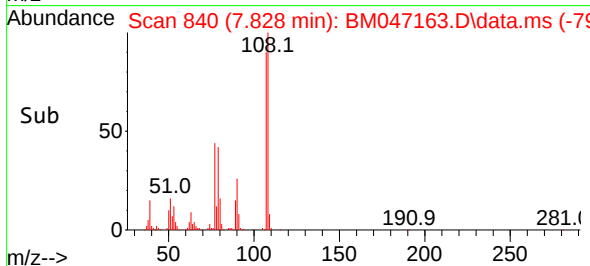
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion:	107	Resp:	19143
Ion Ratio	Lower	Upper	
107	100		
108	110.7	90.6	135.8
77	49.6	39.3	58.9
79	46.2	38.6	58.0

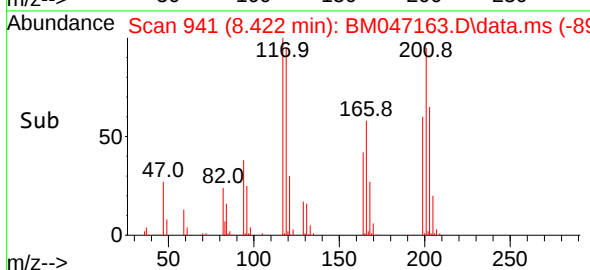
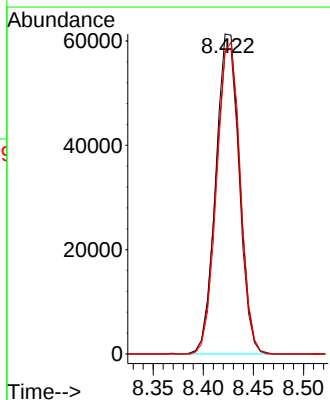
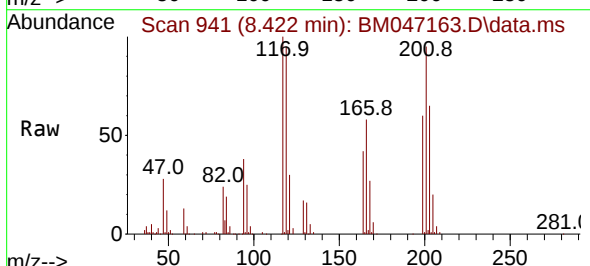
Manual Integrations
APPROVED

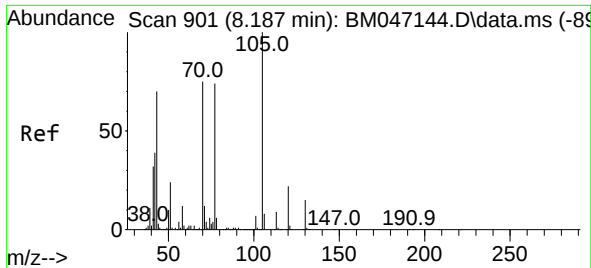
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#18
Hexachloroethane
Concen: 11.318 ng
RT: 8.422 min Scan# 941
Delta R.T. -0.006 min
Lab File: BM047163.D
Acq: 12 Aug 2024 20:11

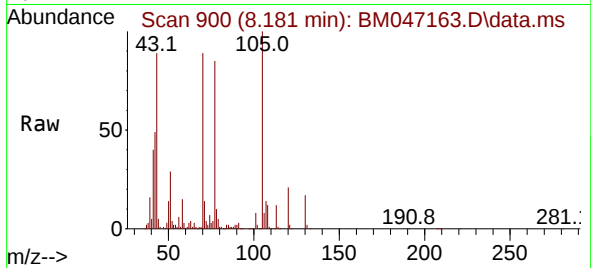
Tgt Ion:	117	Resp:	101601
Ion Ratio	Lower	Upper	
117	100		
119	94.5	77.0	115.4
201	94.8	81.3	121.9





#19
n-Nitroso-di-n-propylamine
Concen: 12.860 ng
RT: 8.181 min Scan# 901
Delta R.T. -0.006 min
Lab File: BM047163.D
Acq: 12 Aug 2024 20:11

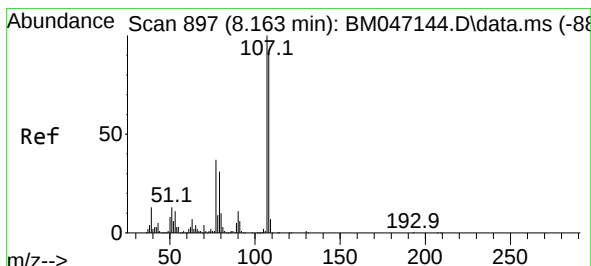
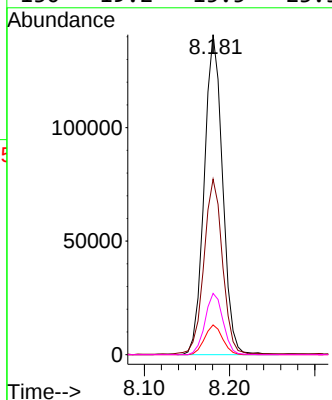
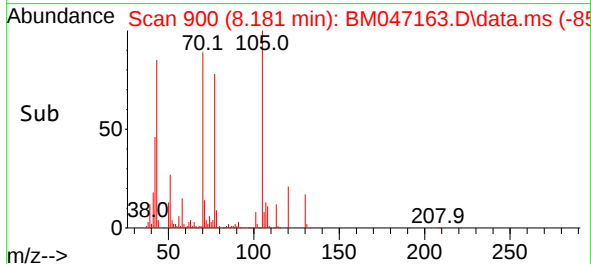
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion: 70 Resp: 210795
Ion Ratio Lower Upper
70 100
42 54.8 42.0 63.0
101 9.3 7.2 10.8
130 19.2 15.5 23.3

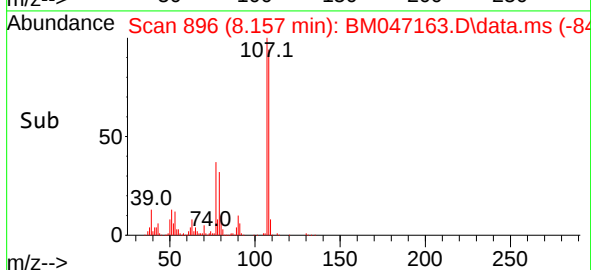
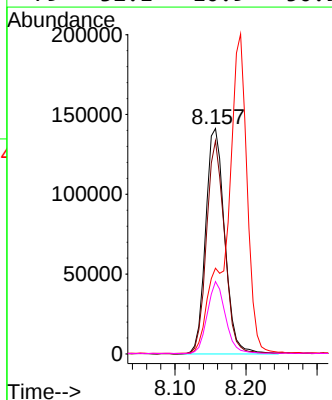
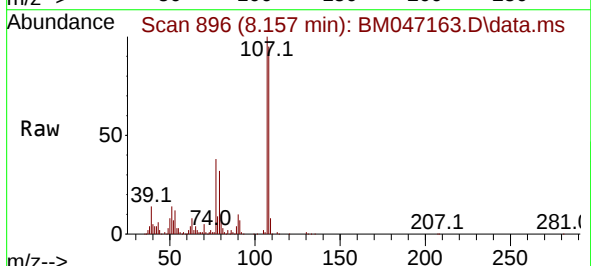
Manual Integrations
APPROVED

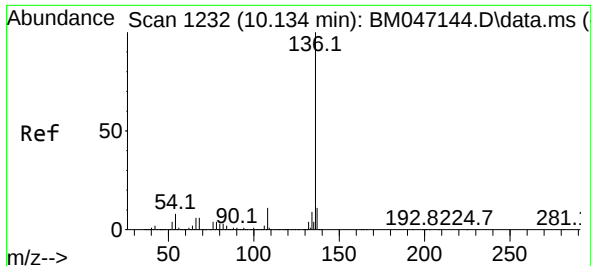
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#20
3+4-Methylphenols
Concen: 11.626 ng
RT: 8.157 min Scan# 896
Delta R.T. -0.006 min
Lab File: BM047163.D
Acq: 12 Aug 2024 20:11

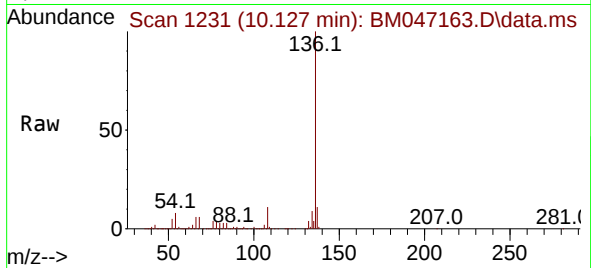
Tgt Ion:107 Resp: 263292
Ion Ratio Lower Upper
107 100
108 94.6 70.7 110.7
77 38.1 17.4 57.4
79 32.1 10.9 50.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.127 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047163.D
Acq: 12 Aug 2024 20:11

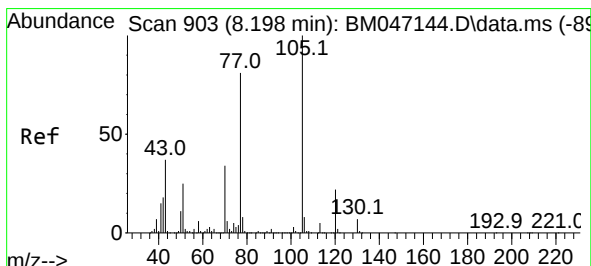
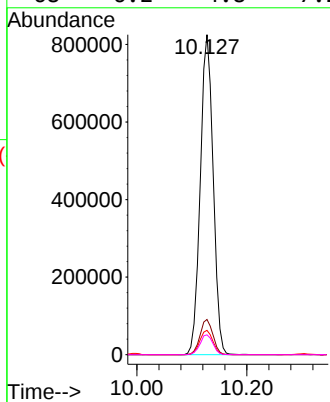
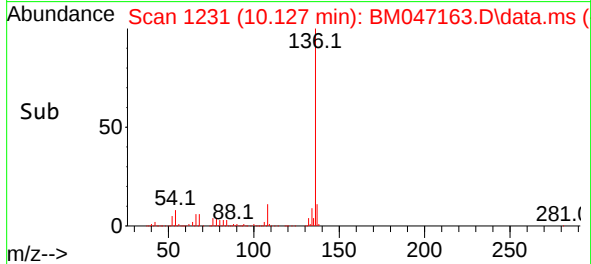
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion:136 Resp: 1342194
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.6 6.0 9.0
68 6.2 4.8 7.2

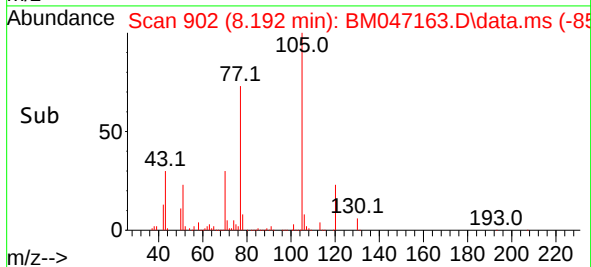
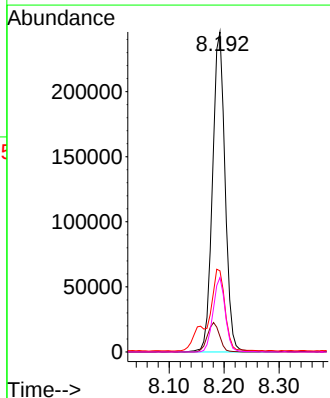
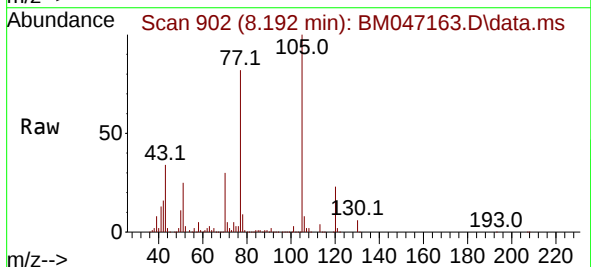
Manual Integrations
APPROVED

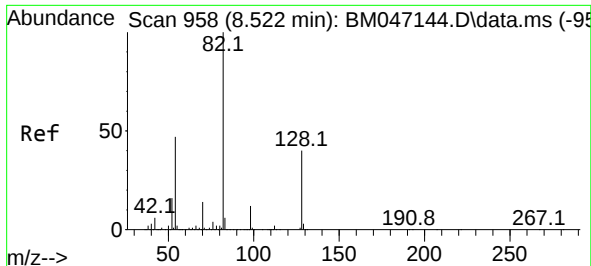
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#22
Acetophenone
Concen: 12.072 ng
RT: 8.192 min Scan# 902
Delta R.T. -0.006 min
Lab File: BM047163.D
Acq: 12 Aug 2024 20:11

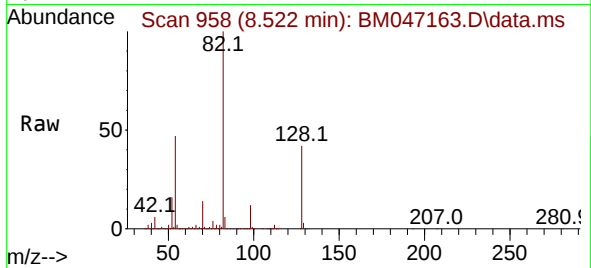
Tgt Ion:105 Resp: 391106
Ion Ratio Lower Upper
105 100
71 4.8 4.5 6.7
51 25.3 20.1 30.1
120 23.3 17.8 26.6





#23
Nitrobenzene-d5
Concen: 87.804 ng
RT: 8.522 min Scan# 958
Delta R.T. -0.000 min
Lab File: BM047163.D
Acq: 12 Aug 2024 20:11

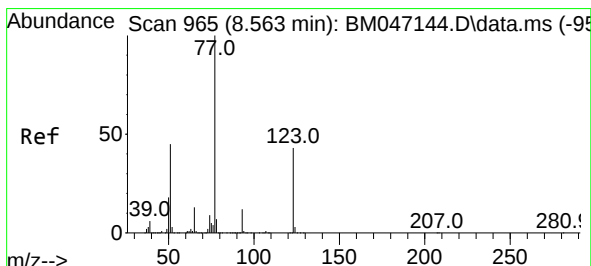
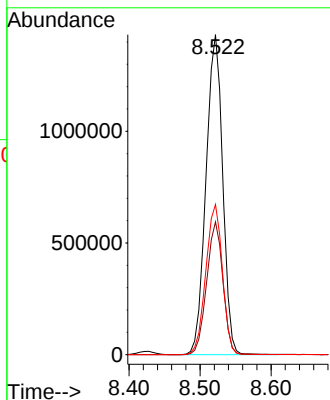
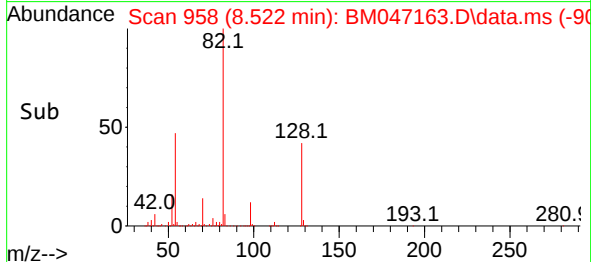
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



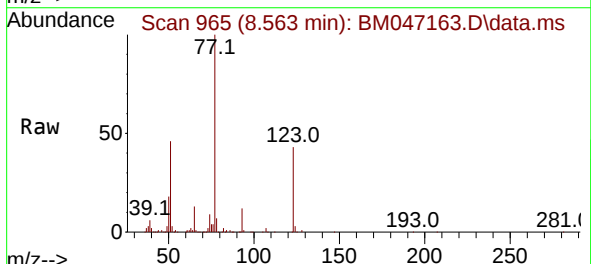
Tgt Ion: 82 Resp: 234045
Ion Ratio Lower Upper
82 100
128 41.5 32.3 48.5
54 46.9 37.4 56.2

Manual Integrations
APPROVED

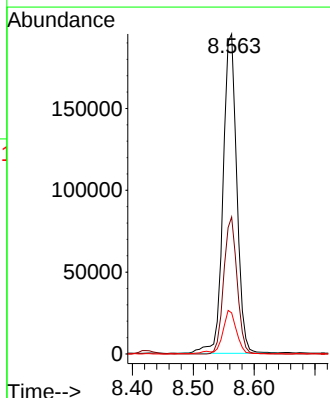
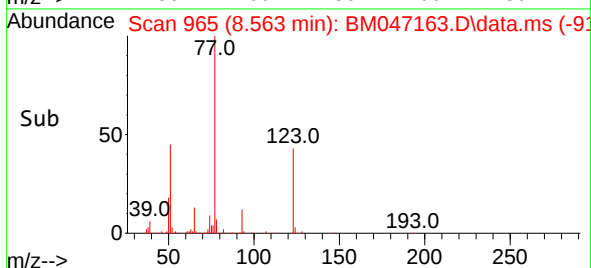
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024

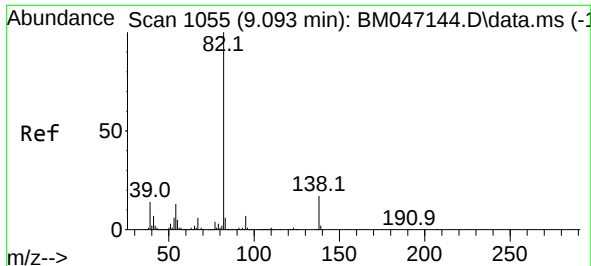


#24
Nitrobenzene
Concen: 11.400 ng
RT: 8.563 min Scan# 965
Delta R.T. -0.000 min
Lab File: BM047163.D
Acq: 12 Aug 2024 20:11



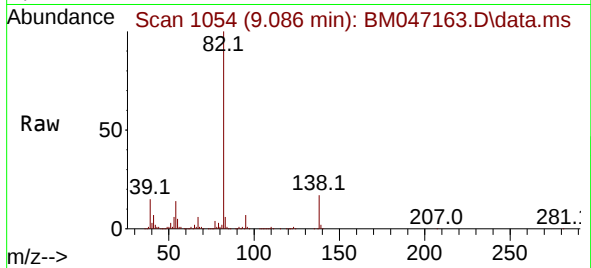
Tgt Ion: 77 Resp: 305995
Ion Ratio Lower Upper
77 100
123 42.8 34.0 51.0
65 12.8 10.5 15.7





#25
Isophorone
Concen: 12.162 ng
RT: 9.086 min Scan# 1054
Delta R.T. -0.006 min
Lab File: BM047163.D
Acq: 12 Aug 2024 20:11

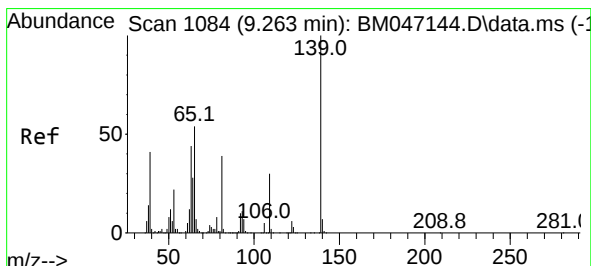
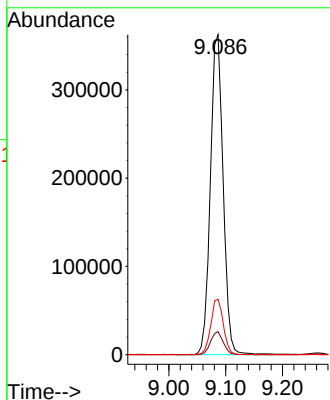
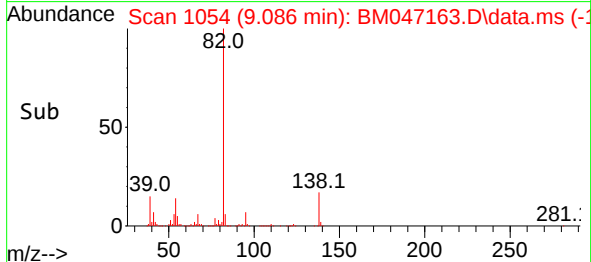
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion: 82 Resp: 564459
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 17.3 13.5 20.3

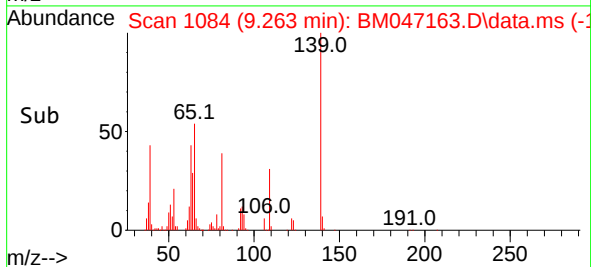
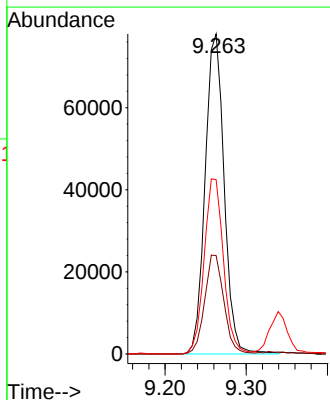
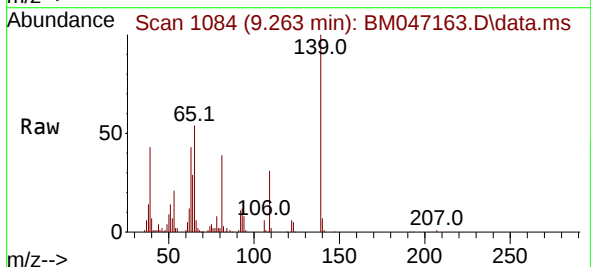
Manual Integrations
APPROVED

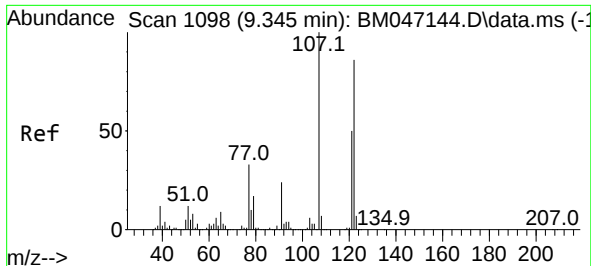
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#26
2-Nitrophenol
Concen: 10.655 ng
RT: 9.263 min Scan# 1084
Delta R.T. -0.000 min
Lab File: BM047163.D
Acq: 12 Aug 2024 20:11

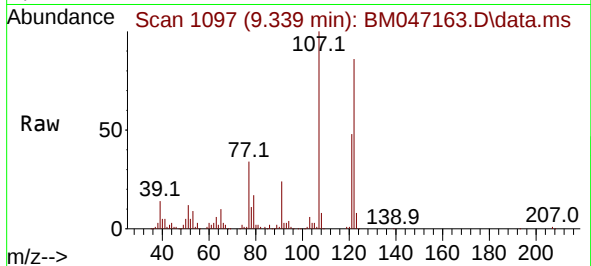
Tgt Ion:139 Resp: 126653
Ion Ratio Lower Upper
139 100
109 30.7 24.4 36.6
65 54.5 43.0 64.6





#27
2,4-Dimethylphenol
Concen: 9.759 ng
RT: 9.339 min Scan# 1097
Delta R.T. -0.006 min
Lab File: BM047163.D
Acq: 12 Aug 2024 20:11

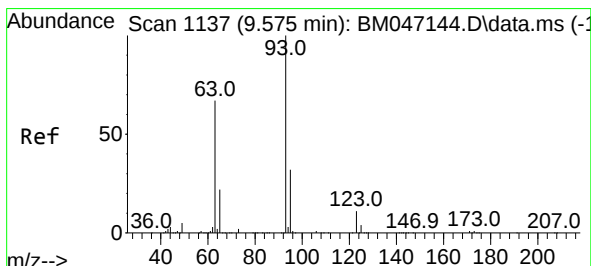
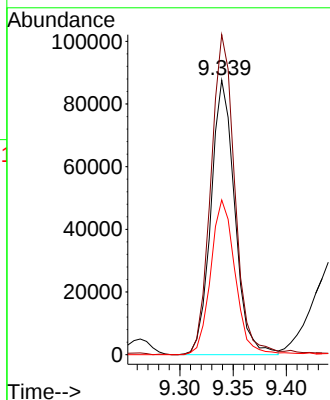
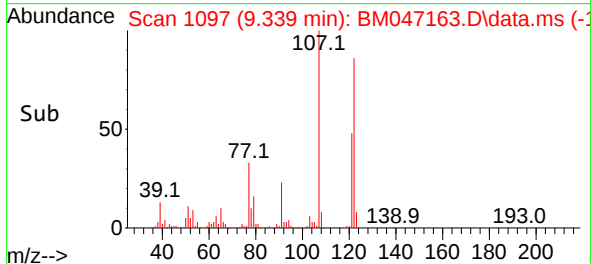
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion:122 Resp: 135879
Ion Ratio Lower Upper
122 100
107 116.5 92.8 139.2
121 56.3 46.1 69.1

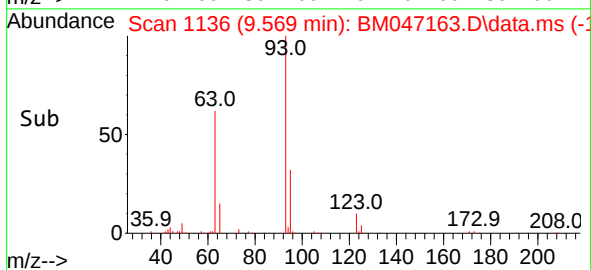
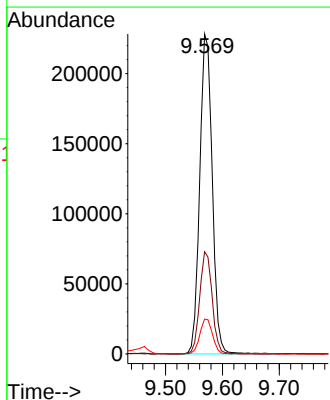
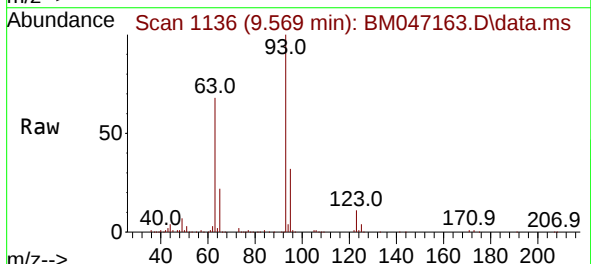
Manual Integrations
APPROVED

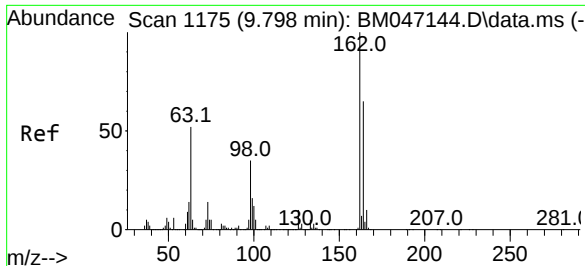
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#28
bis(2-Chloroethoxy)methane
Concen: 11.951 ng
RT: 9.569 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BM047163.D
Acq: 12 Aug 2024 20:11

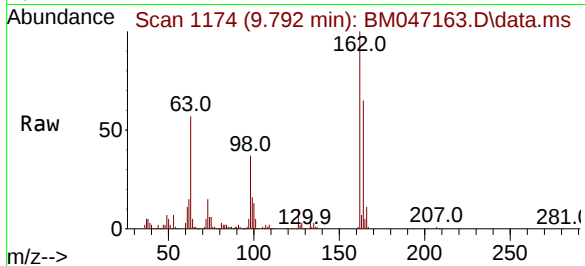
Tgt Ion: 93 Resp: 349012
Ion Ratio Lower Upper
93 100
95 31.9 25.8 38.8
123 10.9 9.0 13.4





#29
2,4-Dichlorophenol
Concen: 11.154 ng
RT: 9.792 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BM047163.D
Acq: 12 Aug 2024 20:11

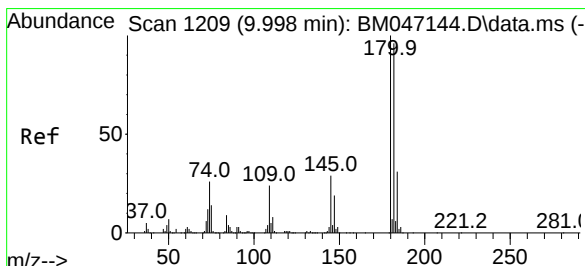
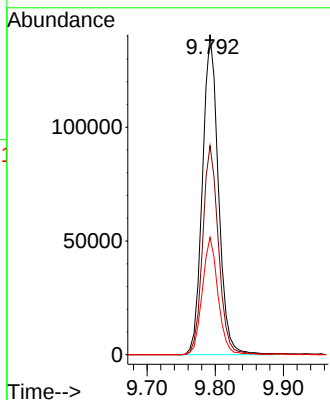
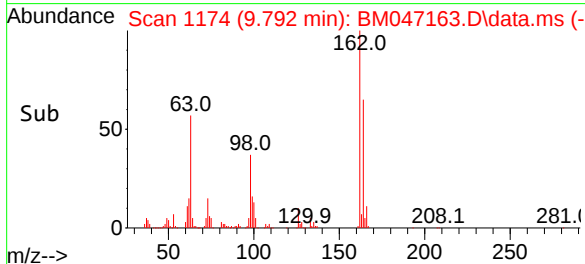
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion:162 Resp: 23043
Ion Ratio Lower Upper
162 100
164 65.3 44.7 84.7
98 36.7 14.9 54.9

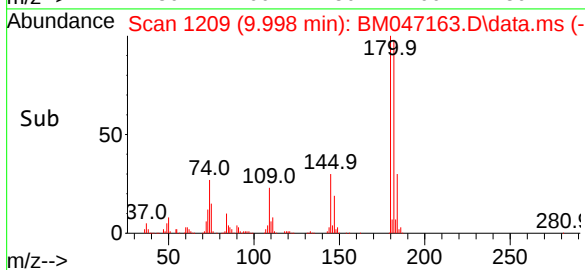
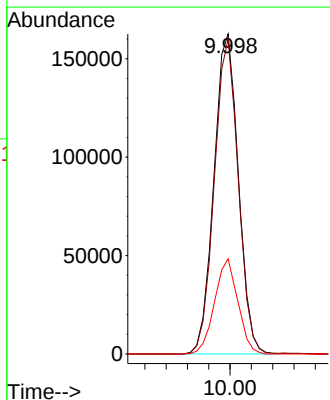
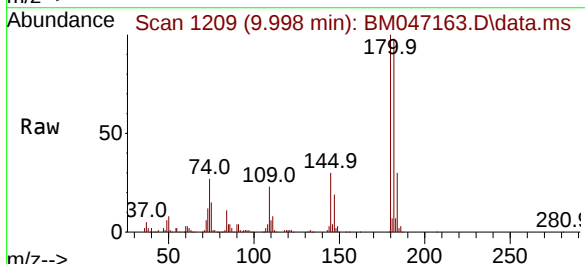
Manual Integrations
APPROVED

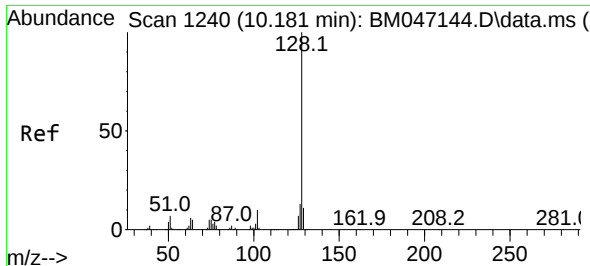
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#30
1,2,4-Trichlorobenzene
Concen: 11.065 ng
RT: 9.998 min Scan# 1209
Delta R.T. -0.000 min
Lab File: BM047163.D
Acq: 12 Aug 2024 20:11

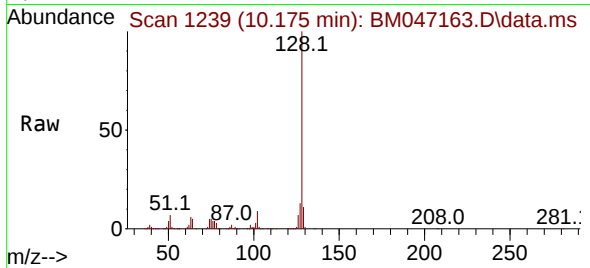
Tgt Ion:180 Resp: 258698
Ion Ratio Lower Upper
180 100
182 98.4 76.6 115.0
145 29.7 23.4 35.2





#31
Naphthalene
Concen: 11.464 ng
RT: 10.175 min Scan# 1118
Delta R.T. -0.006 min
Lab File: BM047163.D
Acq: 12 Aug 2024 20:11

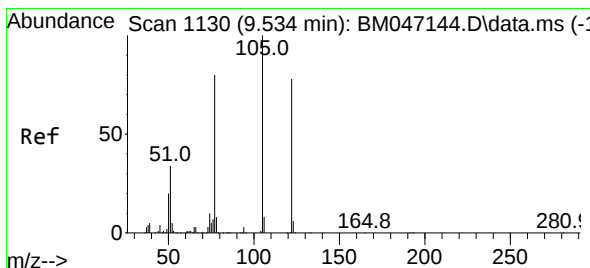
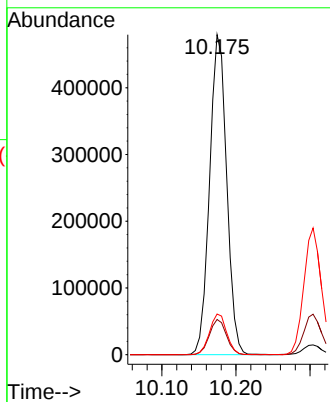
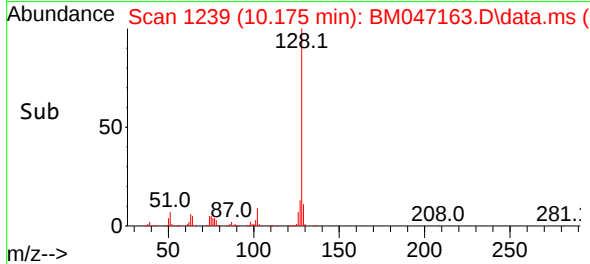
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion:128 Resp: 766534
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 12.7 10.2 15.4

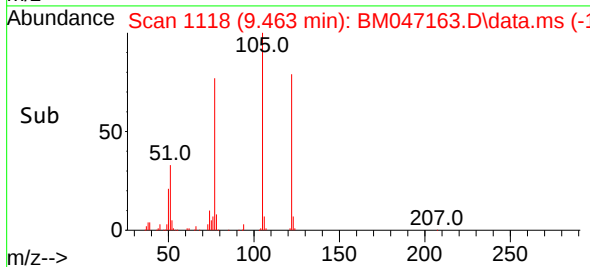
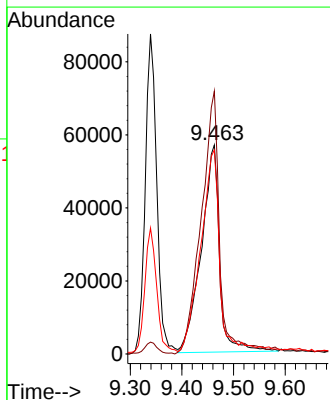
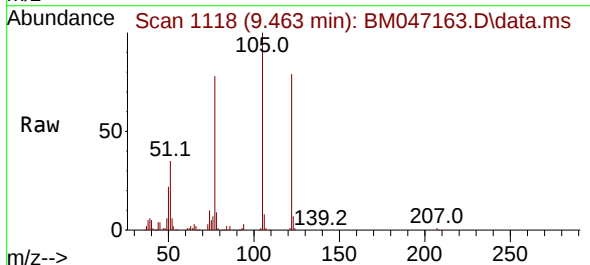
Manual Integrations
APPROVED

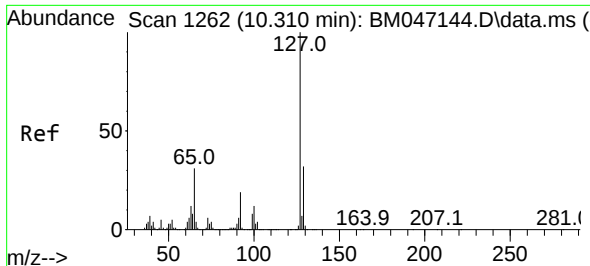
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#32
Benzoic acid
Concen: 8.568 ng
RT: 9.463 min Scan# 1118
Delta R.T. -0.071 min
Lab File: BM047163.D
Acq: 12 Aug 2024 20:11

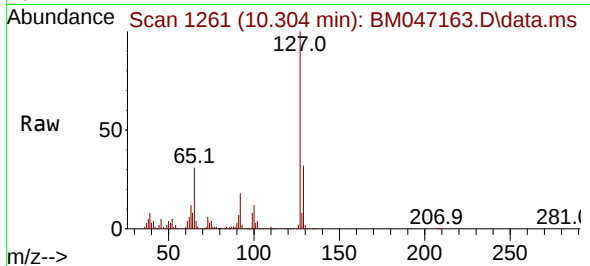
Tgt Ion:122 Resp: 138600
Ion Ratio Lower Upper
122 100
105 125.8 107.1 147.1
77 97.7 82.1 122.1





#33
4-Chloroaniline
Concen: 12.503 ng
RT: 10.304 min Scan# 1261
Delta R.T. -0.006 min
Lab File: BM047163.D
Acq: 12 Aug 2024 20:11

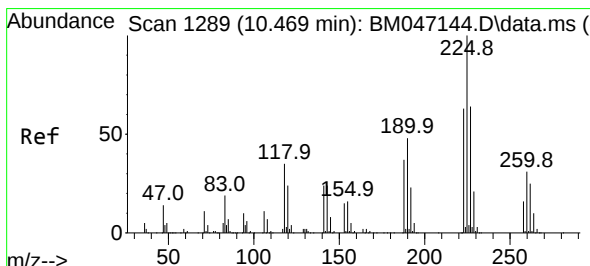
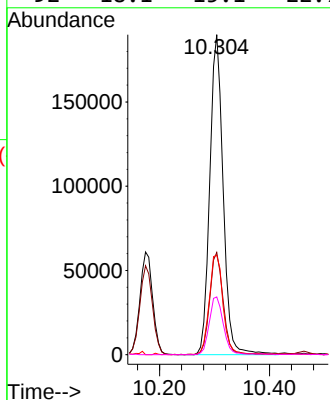
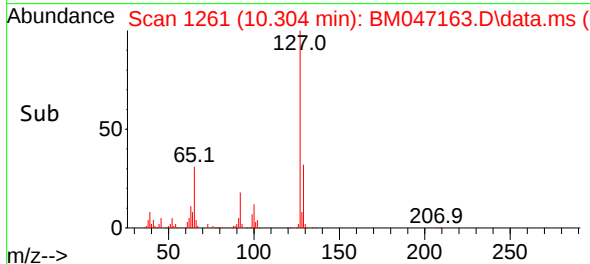
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.8	38.8
65	31.1	24.9	37.3
92	18.1	15.1	22.7

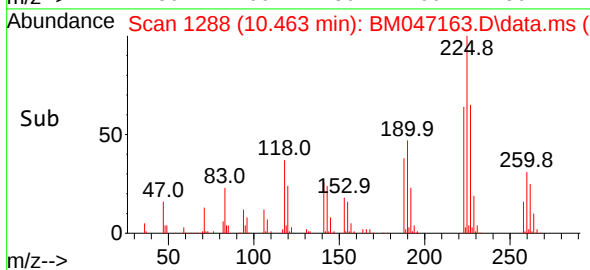
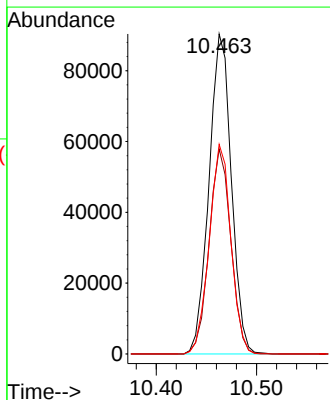
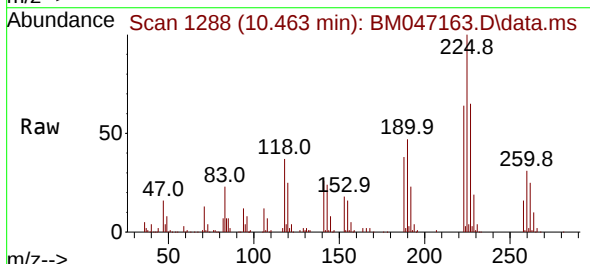
Manual Integrations
APPROVED

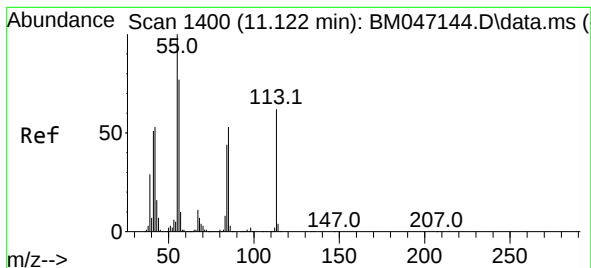
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#34
Hexachlorobutadiene
Concen: 10.216 ng
RT: 10.463 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BM047163.D
Acq: 12 Aug 2024 20:11

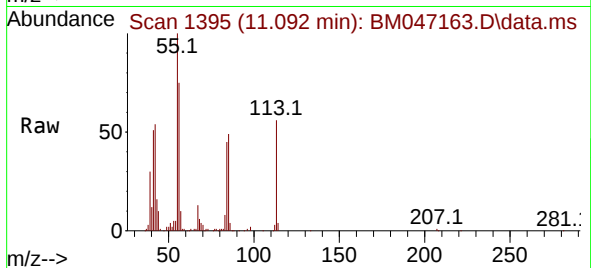
Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.2	75.2
227	65.5	51.4	77.0





#35
Caprolactam
Concen: 11.403 ng
RT: 11.092 min Scan# 113
Delta R.T. -0.030 min
Lab File: BM047163.D
Acq: 12 Aug 2024 20:11

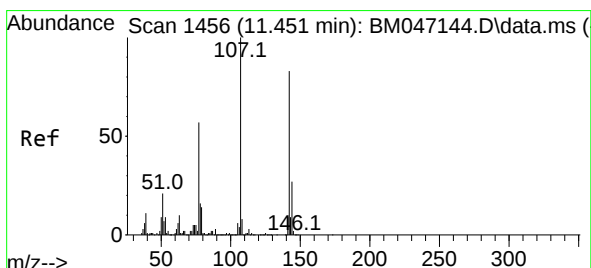
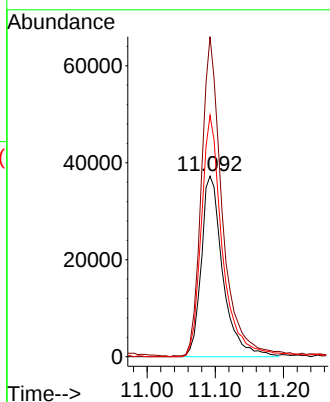
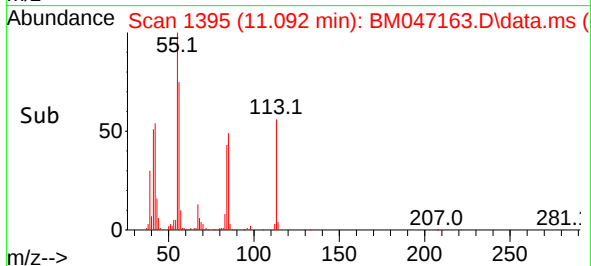
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



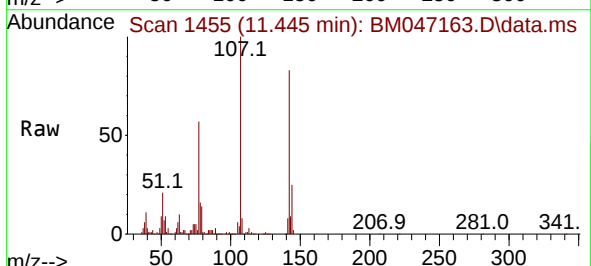
Tgt Ion:113 Resp: 8181
Ion Ratio Lower Upper
113 100
55 177.3 140.5 180.5
56 133.7 103.6 143.6

Manual Integrations
APPROVED

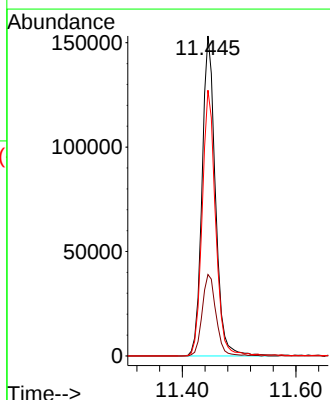
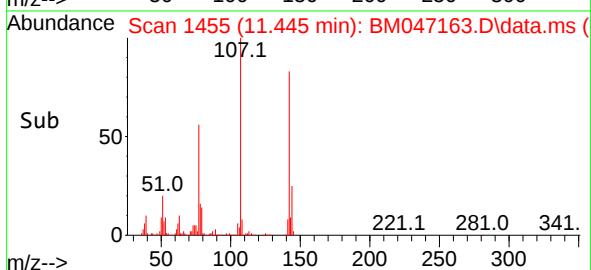
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024

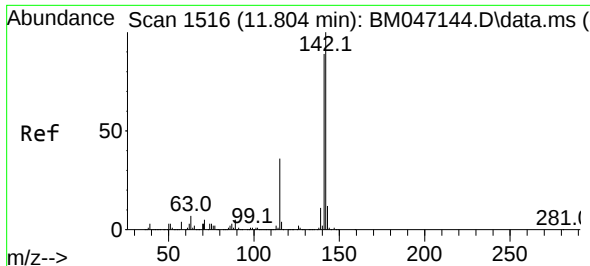


#36
4-Chloro-3-methylphenol
Concen: 11.357 ng
RT: 11.445 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BM047163.D
Acq: 12 Aug 2024 20:11



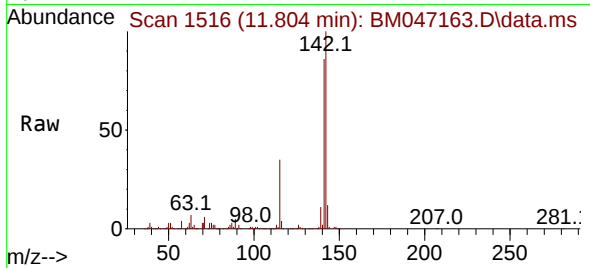
Tgt Ion:107 Resp: 249891
Ion Ratio Lower Upper
107 100
144 25.4 21.8 32.6
142 83.0 66.8 100.2





#37
2-Methylnaphthalene
Concen: 11.396 ng
RT: 11.804 min Scan# 1516
Delta R.T. -0.000 min
Lab File: BM047163.D
Acq: 12 Aug 2024 20:11

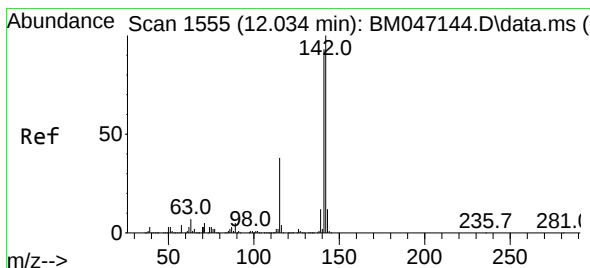
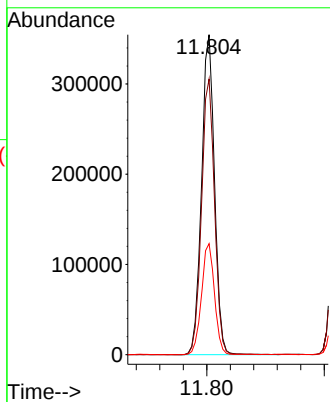
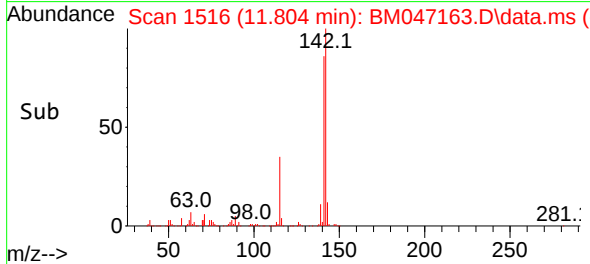
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



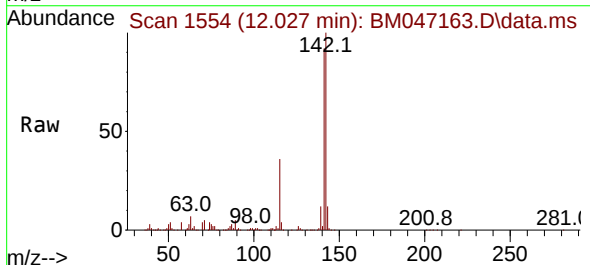
Tgt Ion:142 Resp: 54252
Ion Ratio Lower Upper
142 100
141 86.2 70.9 106.3
115 34.7 28.7 43.1

Manual Integrations
APPROVED

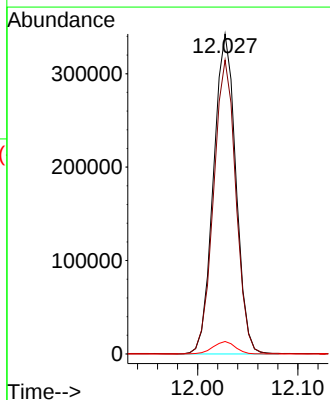
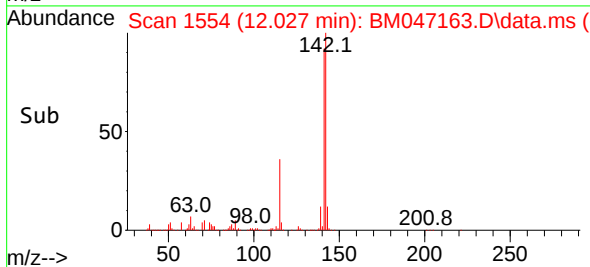
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024

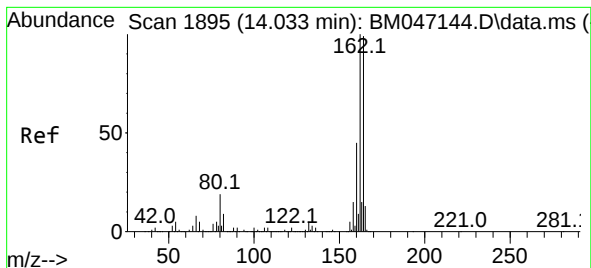


#38
1-Methylnaphthalene
Concen: 11.292 ng
RT: 12.027 min Scan# 1554
Delta R.T. -0.006 min
Lab File: BM047163.D
Acq: 12 Aug 2024 20:11



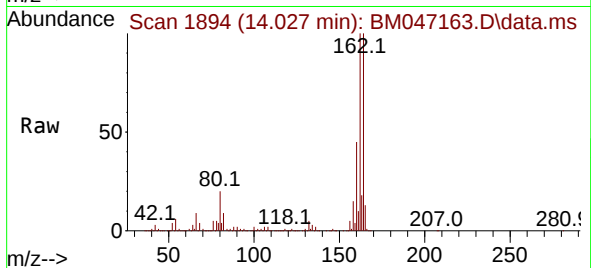
Tgt Ion:142 Resp: 531292
Ion Ratio Lower Upper
142 100
141 91.8 74.6 111.8
116 3.9 3.1 4.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.027 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047163.D
Acq: 12 Aug 2024 20:11

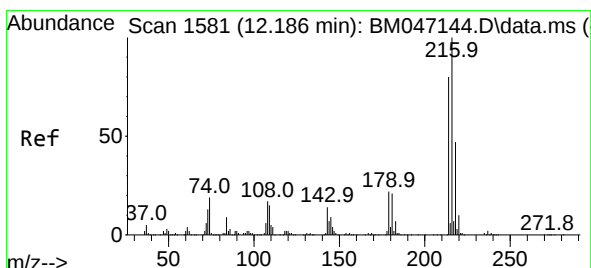
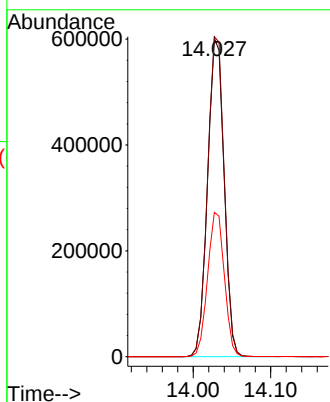
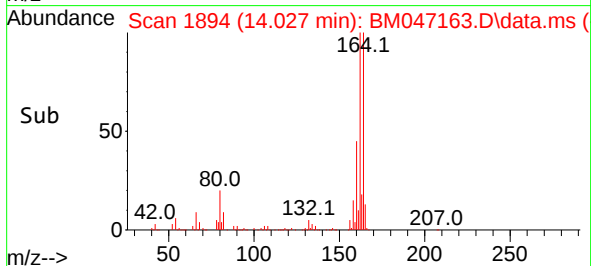
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



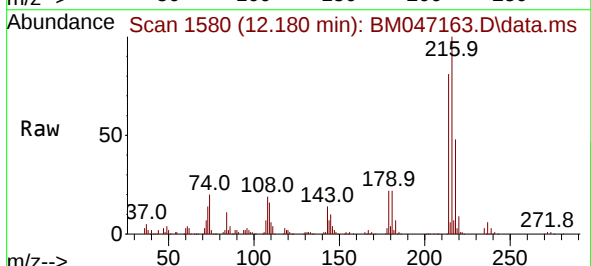
Tgt Ion:164 Resp: 890070
Ion Ratio Lower Upper
164 100
162 100.4 80.7 121.1
160 45.3 36.0 54.0

Manual Integrations
APPROVED

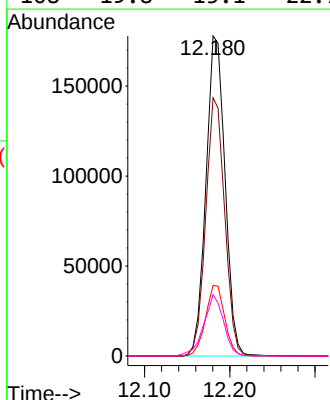
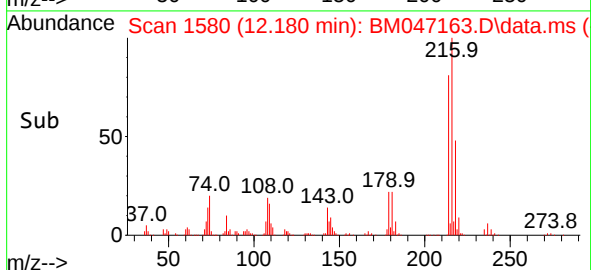
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024

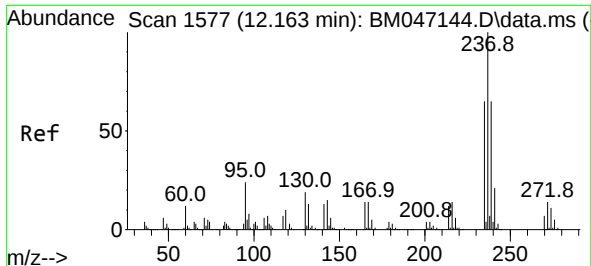


#40
1,2,4,5-Tetrachlorobenzene
Concen: 11.389 ng
RT: 12.180 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BM047163.D
Acq: 12 Aug 2024 20:11



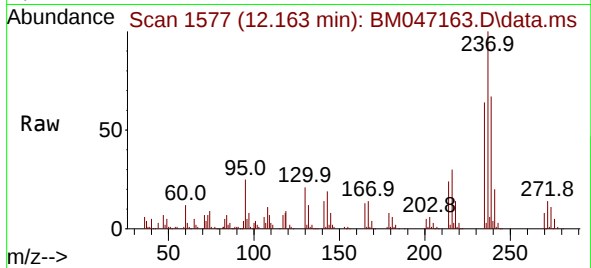
Tgt Ion:216 Resp: 276498
Ion Ratio Lower Upper
216 100
214 80.0 63.4 95.2
179 22.1 17.6 26.4
108 19.8 15.1 22.7





#41
Hexachlorocyclopentadiene
Concen: 13.000 ng
RT: 12.163 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM047163.D
Acq: 12 Aug 2024 20:11

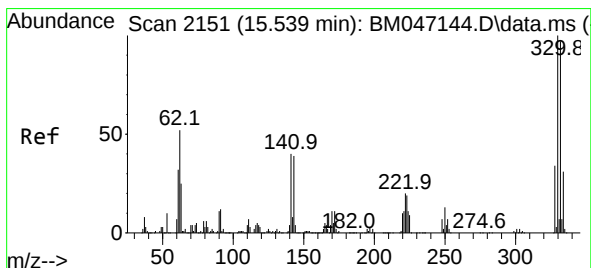
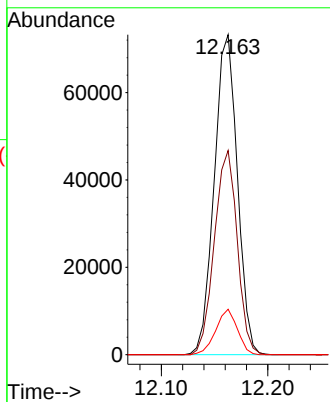
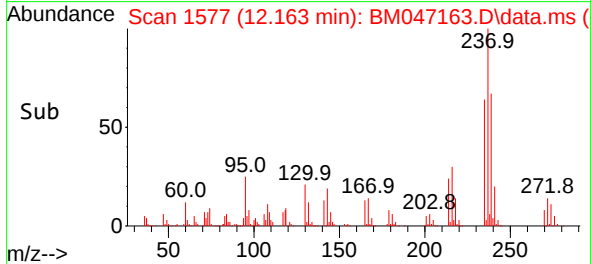
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



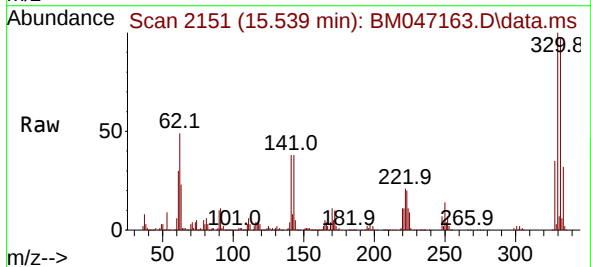
Tgt Ion:237 Resp: 11020
Ion Ratio Lower Upper
237 100
235 63.8 44.8 84.8
272 14.2 0.0 33.5

Manual Integrations
APPROVED

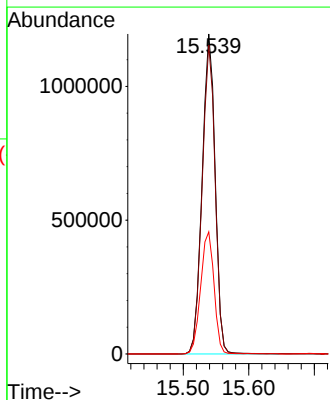
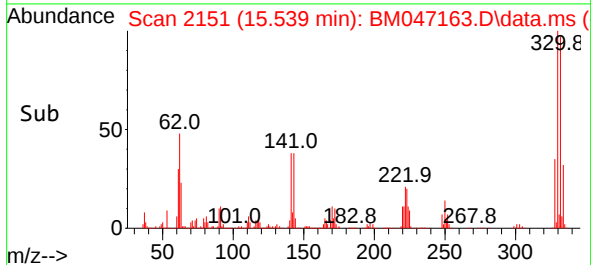
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024

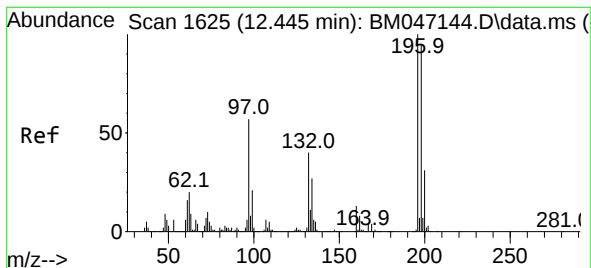


#42
2,4,6-Tribromophenol
Concen: 160.518 ng
RT: 15.539 min Scan# 2151
Delta R.T. -0.000 min
Lab File: BM047163.D
Acq: 12 Aug 2024 20:11



Tgt Ion:330 Resp: 1656632
Ion Ratio Lower Upper
330 100
332 96.6 77.4 116.2
141 39.3 31.6 47.4





#43

2,4,6-Trichlorophenol

Concen: 10.983 ng

RT: 12.439 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047163.D

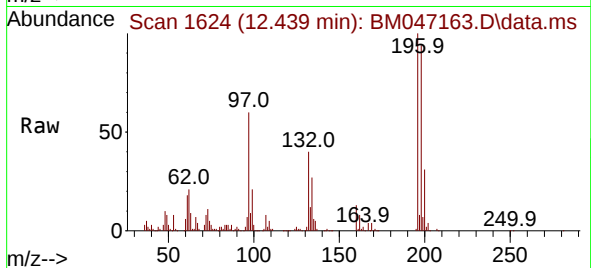
Acq: 12 Aug 2024 20:11

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2024



Tgt Ion:196 Resp: 18952

Ion Ratio Lower Upper

196 100

198 93.9 75.6 113.4

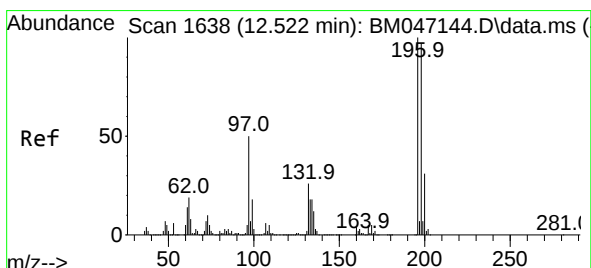
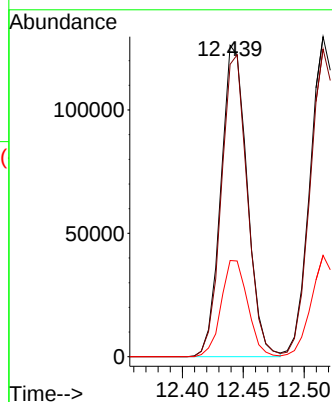
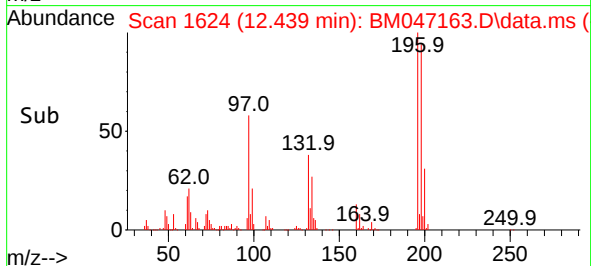
200 30.9 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/14/2024



#44

2,4,5-Trichlorophenol

Concen: 11.190 ng

RT: 12.516 min Scan# 1637

Delta R.T. -0.006 min

Lab File: BM047163.D

Acq: 12 Aug 2024 20:11

Tgt Ion:196 Resp: 214383

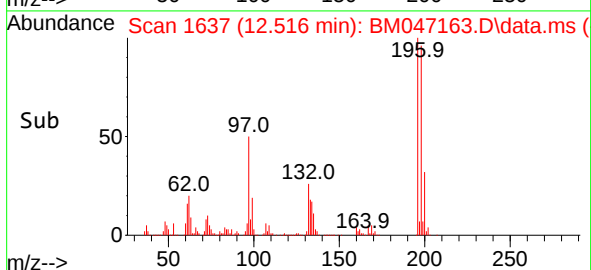
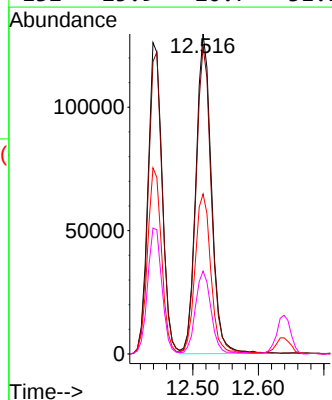
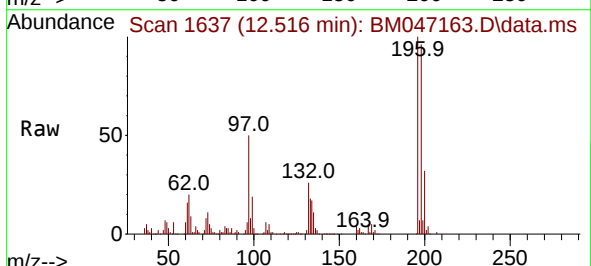
Ion Ratio Lower Upper

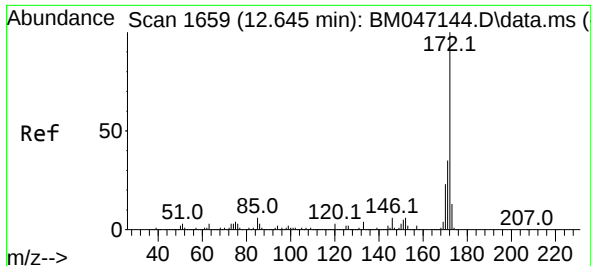
196 100

198 96.2 77.7 116.5

97 50.0 39.8 59.8

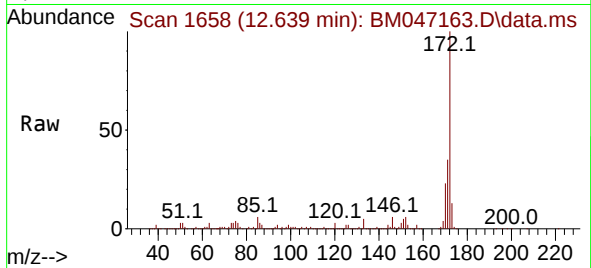
132 25.9 20.7 31.1





#45
2-Fluorobiphenyl
Concen: 89.337 ng
RT: 12.639 min Scan# 1658
Delta R.T. -0.006 min
Lab File: BM047163.D
Acq: 12 Aug 2024 20:11

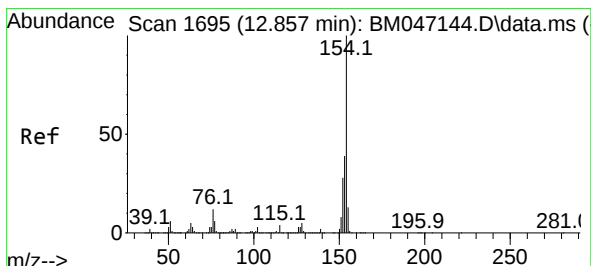
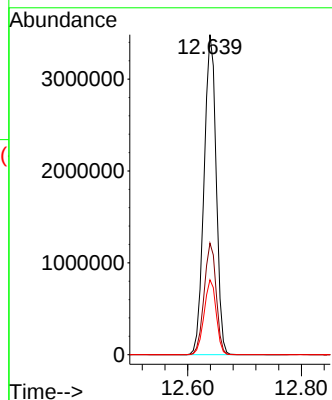
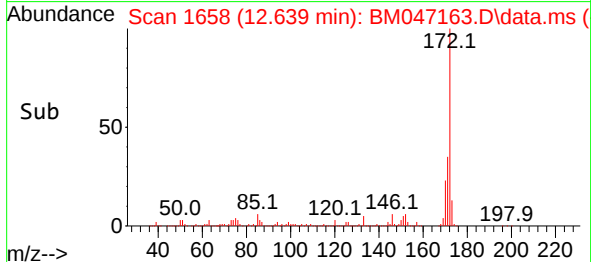
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion:172 Resp: 515490
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.6
170 23.4 18.7 28.1

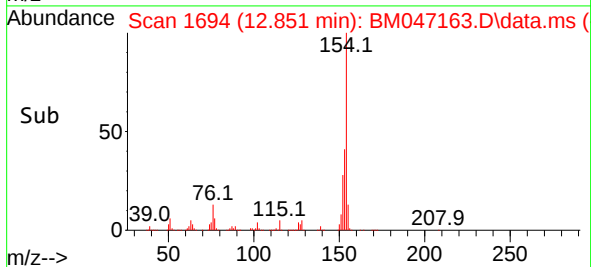
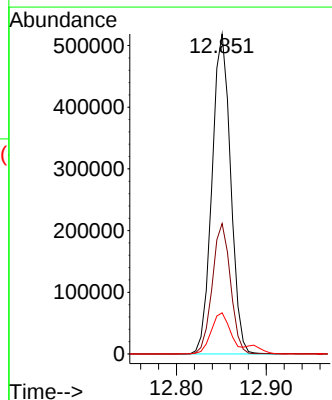
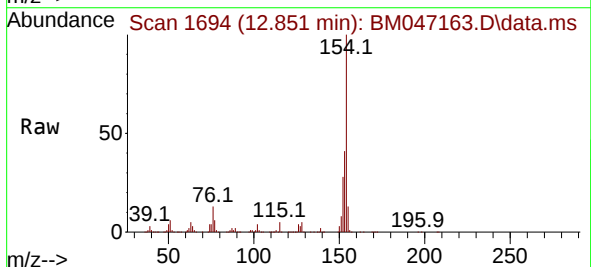
Manual Integrations
APPROVED

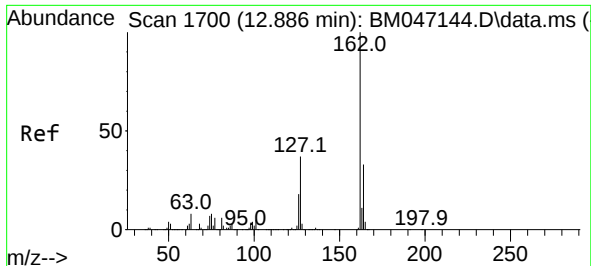
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#46
1,1'-Biphenyl
Concen: 11.807 ng
RT: 12.851 min Scan# 1694
Delta R.T. -0.006 min
Lab File: BM047163.D
Acq: 12 Aug 2024 20:11

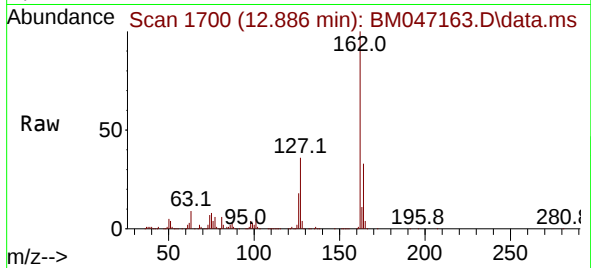
Tgt Ion:154 Resp: 748176
Ion Ratio Lower Upper
154 100
153 40.8 19.0 59.0
76 12.8 0.0 31.9





#47
2-Chloronaphthalene
Concen: 11.888 ng
RT: 12.886 min Scan# 1700
Delta R.T. -0.000 min
Lab File: BM047163.D
Acq: 12 Aug 2024 20:11

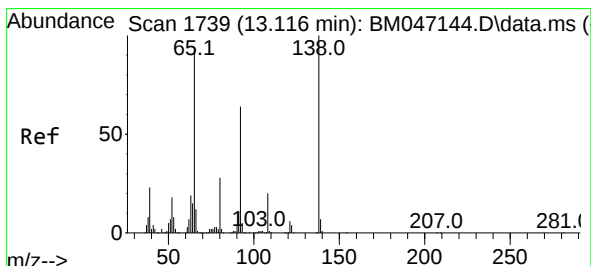
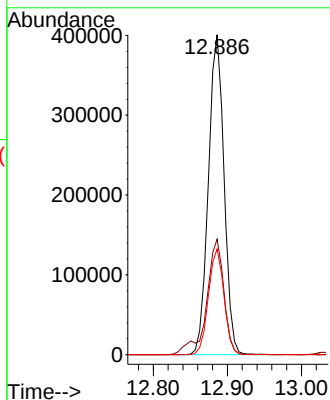
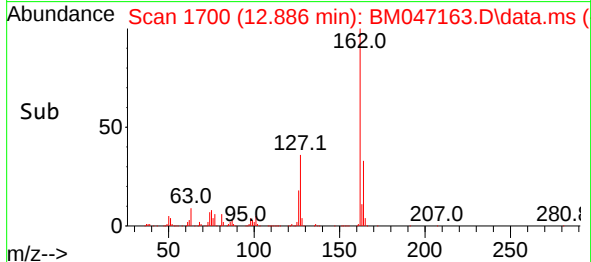
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion:162 Resp: 58879
Ion Ratio Lower Upper
162 100
127 36.1 30.0 45.0
164 33.0 26.3 39.5

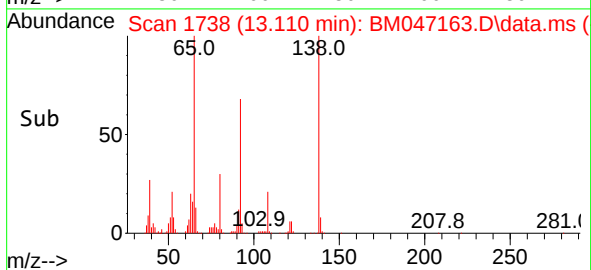
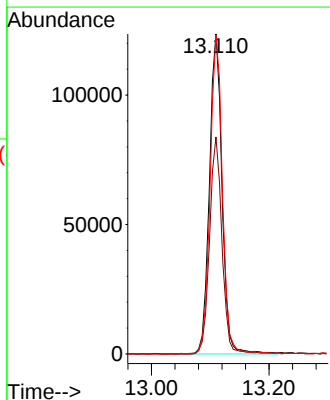
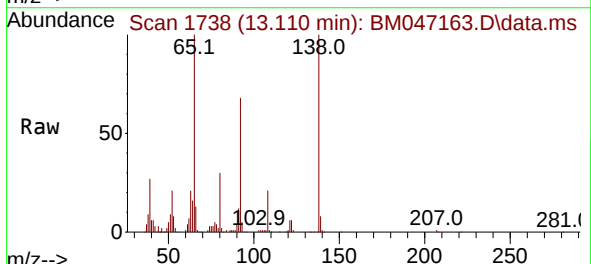
Manual Integrations
APPROVED

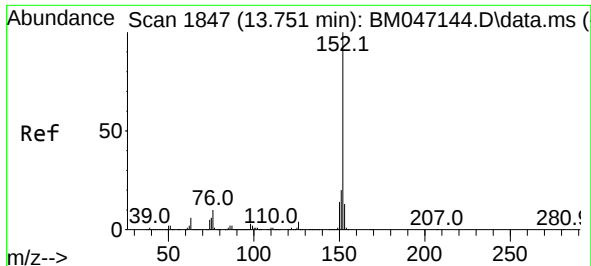
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#48
2-Nitroaniline
Concen: 11.849 ng
RT: 13.110 min Scan# 1738
Delta R.T. -0.006 min
Lab File: BM047163.D
Acq: 12 Aug 2024 20:11

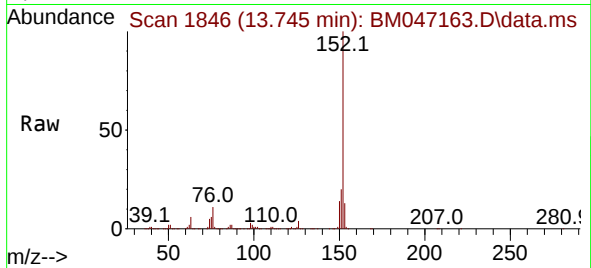
Tgt Ion: 65 Resp: 183853
Ion Ratio Lower Upper
65 100
92 67.8 55.1 82.7
138 99.7 85.9 128.9





#49
Acenaphthylene
Concen: 13.144 ng
RT: 13.745 min Scan# 1846
Delta R.T. -0.006 min
Lab File: BM047163.D
Acq: 12 Aug 2024 20:11

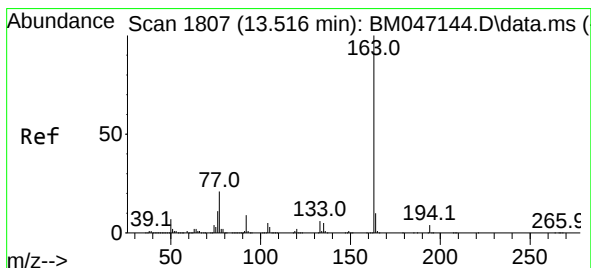
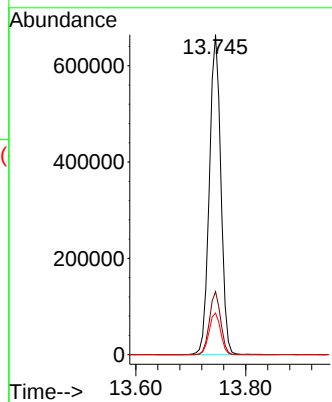
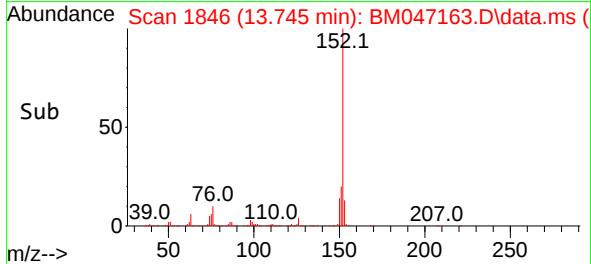
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion:152 Resp: 959528
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.6
153 13.0 10.4 15.6

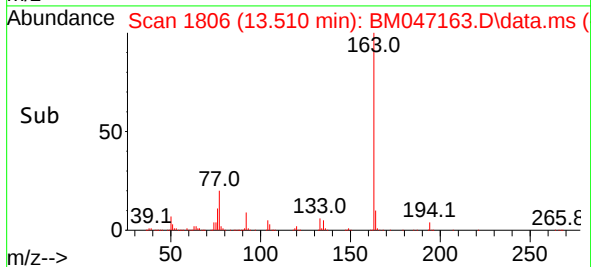
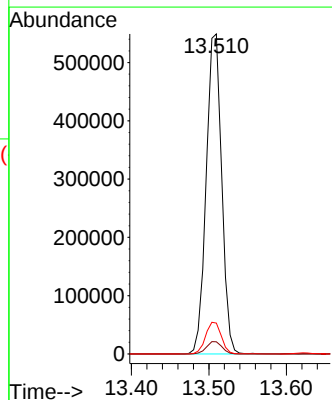
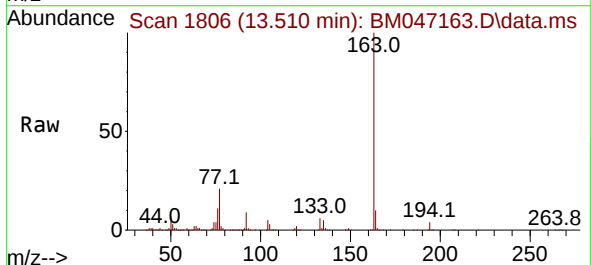
Manual Integrations
APPROVED

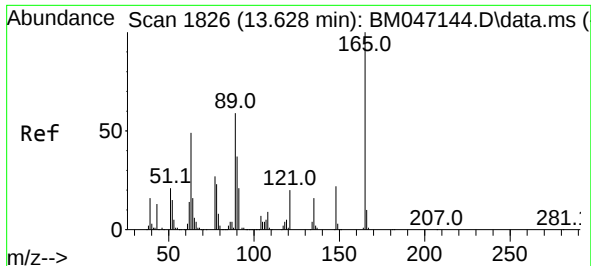
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#50
Dimethylphthalate
Concen: 12.242 ng
RT: 13.510 min Scan# 1806
Delta R.T. -0.006 min
Lab File: BM047163.D
Acq: 12 Aug 2024 20:11

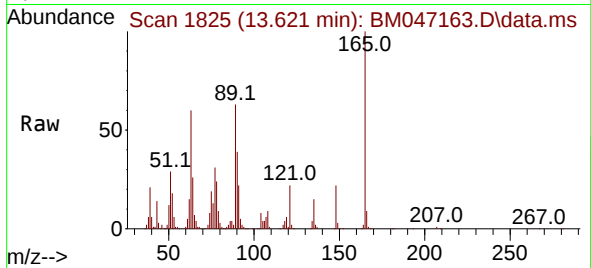
Tgt Ion:163 Resp: 761001
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 9.6 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 11.285 ng
RT: 13.621 min Scan# 1825
Delta R.T. -0.006 min
Lab File: BM047163.D
Acq: 12 Aug 2024 20:11

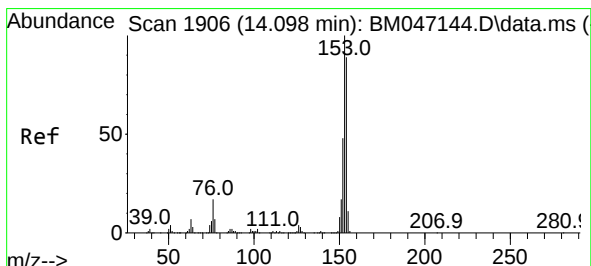
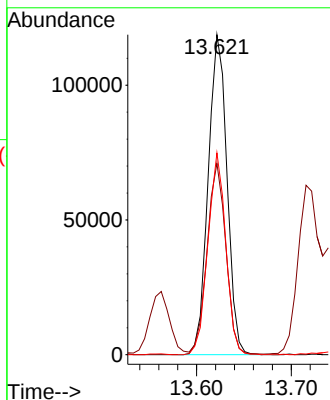
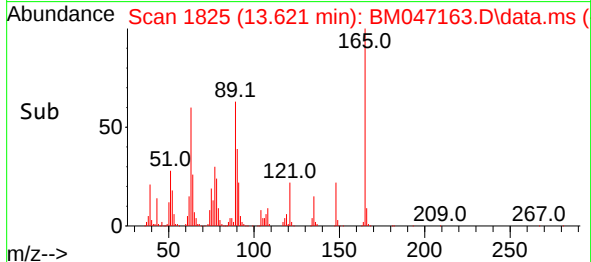
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion:165 Resp: 16398
Ion Ratio Lower Upper
165 100
63 59.8 46.5 69.7
89 63.1 47.3 70.9

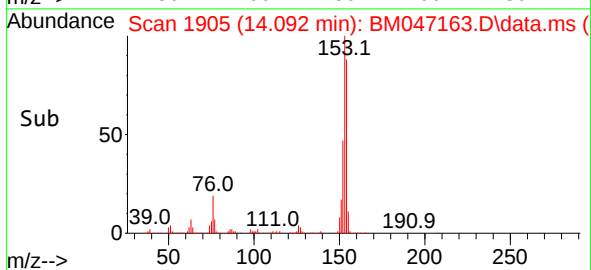
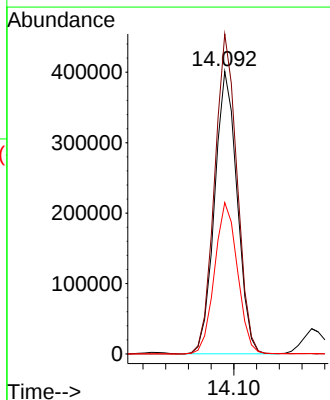
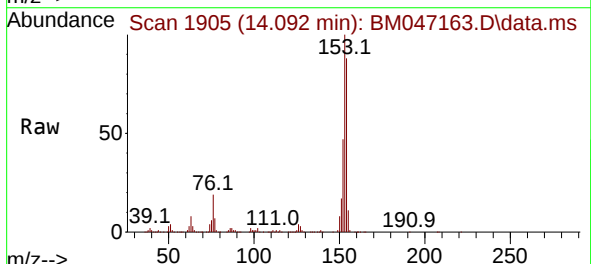
Manual Integrations
APPROVED

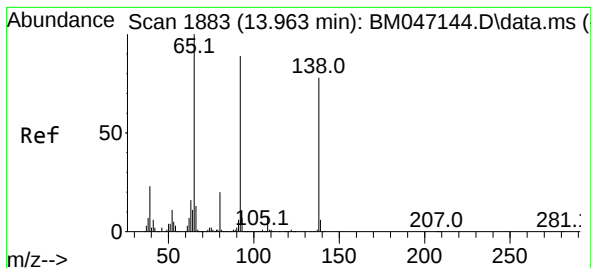
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#52
Acenaphthene
Concen: 11.943 ng
RT: 14.092 min Scan# 1905
Delta R.T. -0.006 min
Lab File: BM047163.D
Acq: 12 Aug 2024 20:11

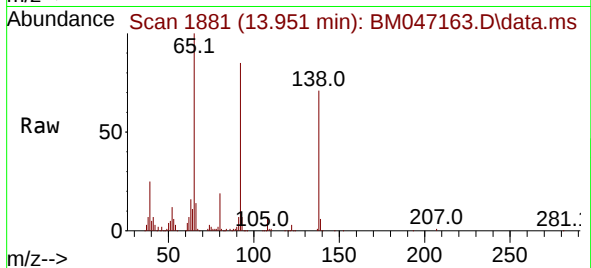
Tgt Ion:154 Resp: 553084
Ion Ratio Lower Upper
154 100
153 113.2 90.3 135.5
152 53.6 42.9 64.3





#53
3-Nitroaniline
Concen: 11.716 ng
RT: 13.951 min Scan# 1181
Delta R.T. -0.012 min
Lab File: BM047163.D
Acq: 12 Aug 2024 20:11

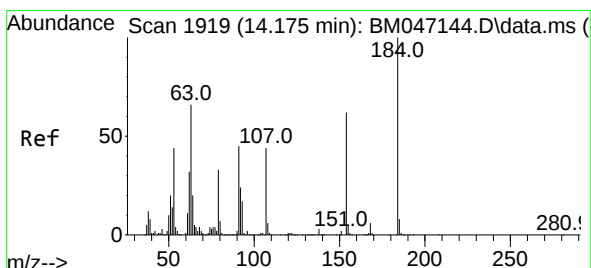
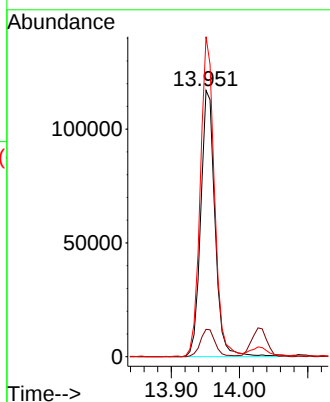
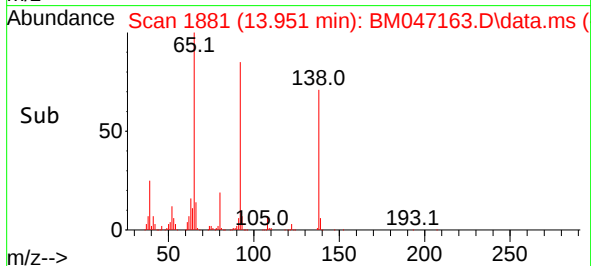
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion:138 Resp: 170604
Ion Ratio Lower Upper
138 100
108 10.3 7.9 11.9
92 120.2 92.0 138.0

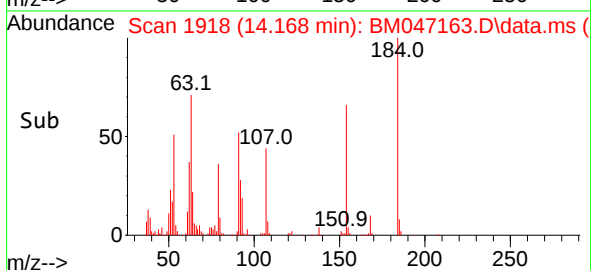
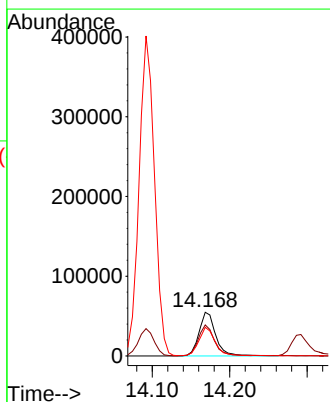
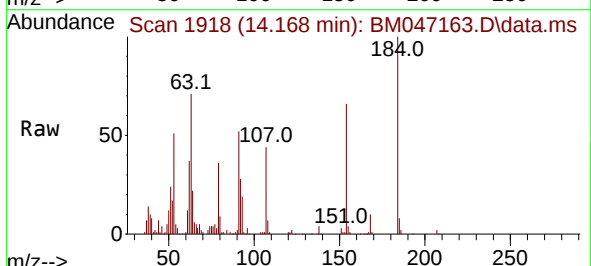
Manual Integrations
APPROVED

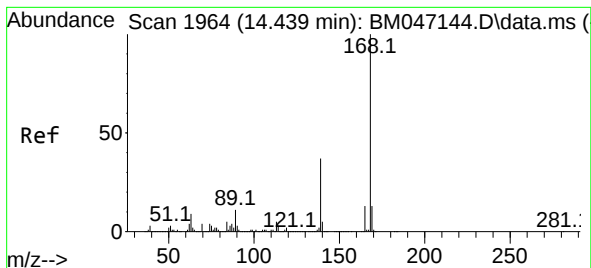
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#54
2,4-Dinitrophenol
Concen: 9.384 ng
RT: 14.168 min Scan# 1918
Delta R.T. -0.007 min
Lab File: BM047163.D
Acq: 12 Aug 2024 20:11

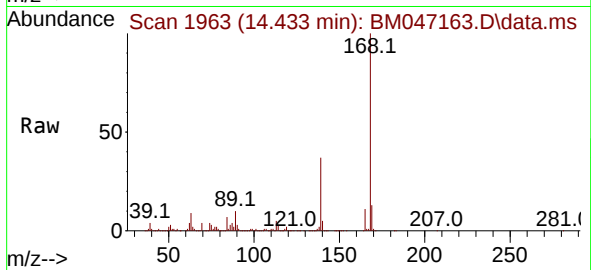
Tgt Ion:184 Resp: 81725
Ion Ratio Lower Upper
184 100
63 71.1 52.7 79.1
154 65.6 50.4 75.6





#55
Dibenzenofuran
Concen: 12.573 ng
RT: 14.433 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BM047163.D
Acq: 12 Aug 2024 20:11

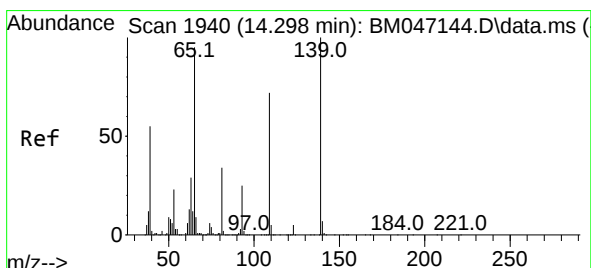
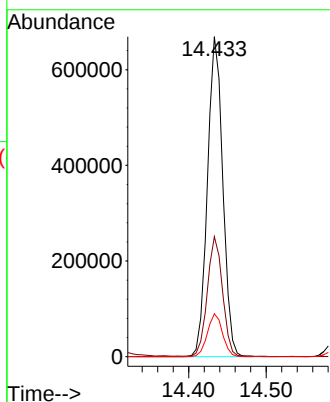
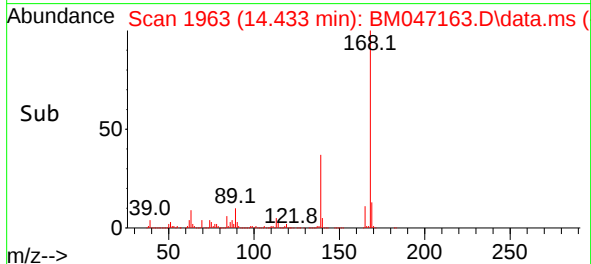
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion:168 Resp: 91966
Ion Ratio Lower Upper
168 100
139 37.5 29.6 44.4
169 13.4 10.7 16.1

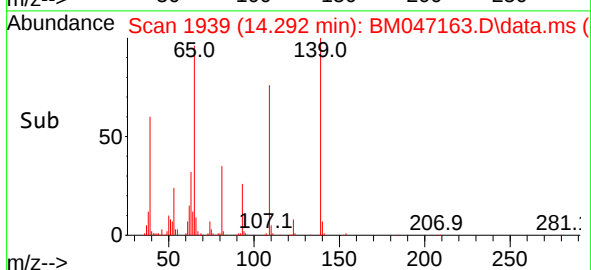
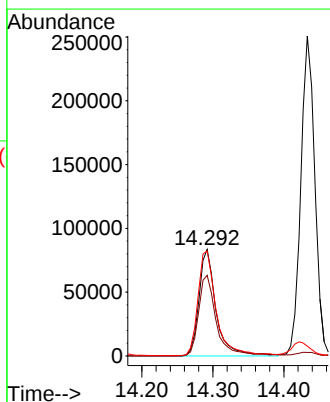
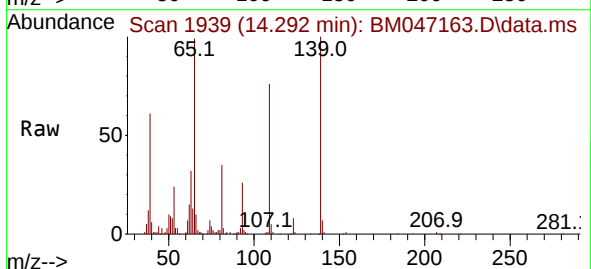
Manual Integrations
APPROVED

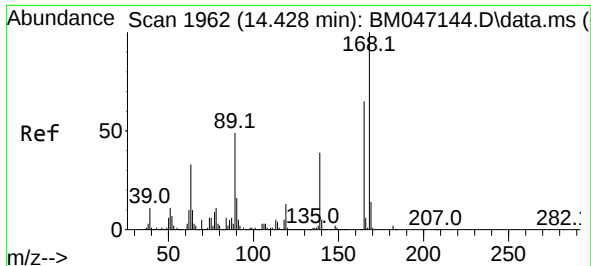
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#56
4-Nitrophenol
Concen: 11.183 ng
RT: 14.292 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BM047163.D
Acq: 12 Aug 2024 20:11

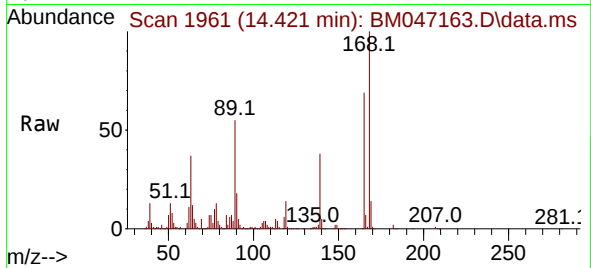
Tgt Ion:139 Resp: 140421
Ion Ratio Lower Upper
139 100
109 75.7 52.5 92.5
65 98.7 75.4 115.4





#57
2,4-Dinitrotoluene
Concen: 11.378 ng
RT: 14.421 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BM047163.D
Acq: 12 Aug 2024 20:11

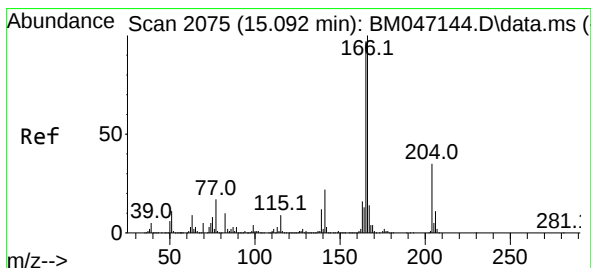
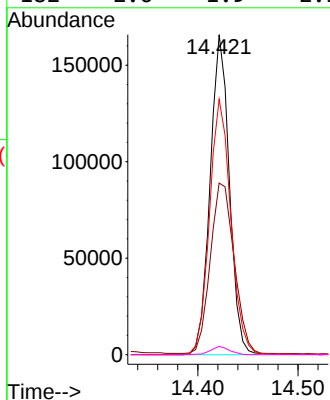
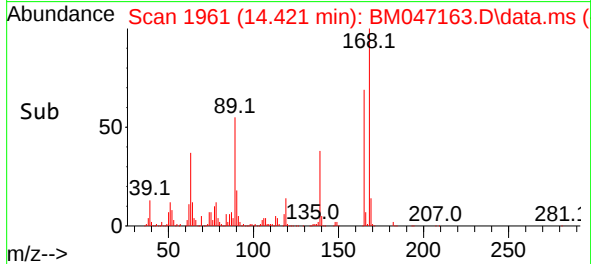
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



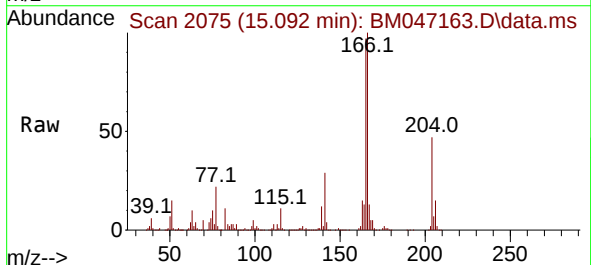
Tgt Ion:165 Resp: 220688
Ion Ratio Lower Upper
165 100
63 53.7 40.3 60.5
89 79.8 61.0 91.6
182 2.6 1.9 2.9

Manual Integrations
APPROVED

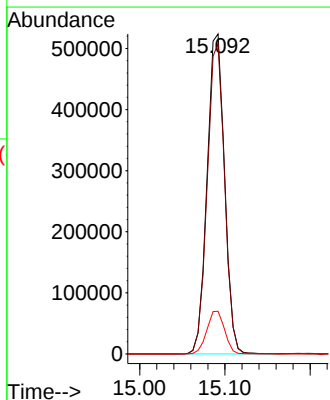
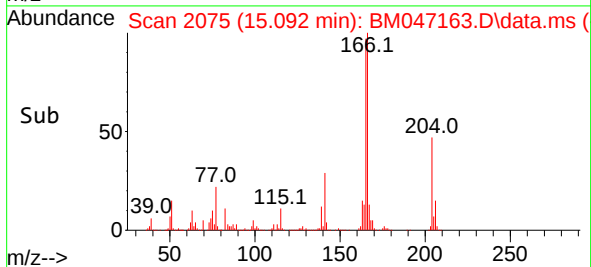
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024

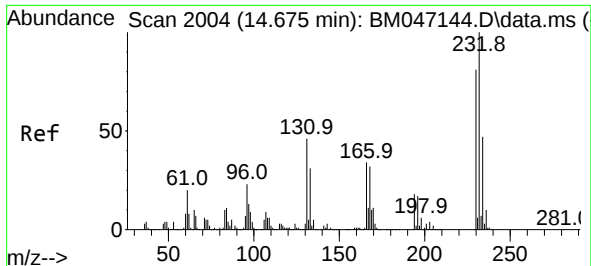


#58
Fluorene
Concen: 12.353 ng
RT: 15.092 min Scan# 2075
Delta R.T. -0.000 min
Lab File: BM047163.D
Acq: 12 Aug 2024 20:11



Tgt Ion:166 Resp: 745567
Ion Ratio Lower Upper
166 100
165 97.0 77.4 116.0
167 13.4 11.0 16.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 11.929 ng

RT: 14.674 min Scan# 2004

Delta R.T. -0.000 min

Lab File: BM047163.D

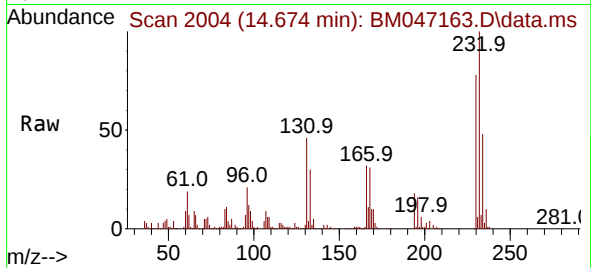
Acq: 12 Aug 2024 20:11

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2024



Tgt Ion:232 Resp: 18782

Ion Ratio Lower Upper

232 100

131 47.1 36.9 55.3

130 2.3 2.0 3.0

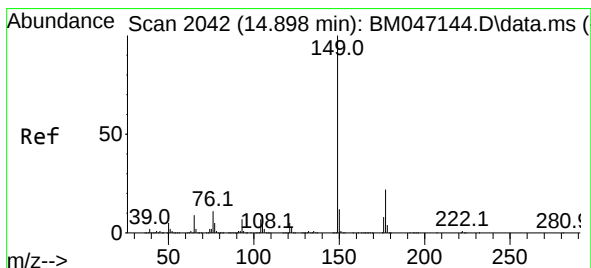
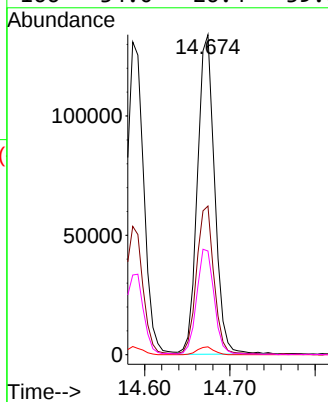
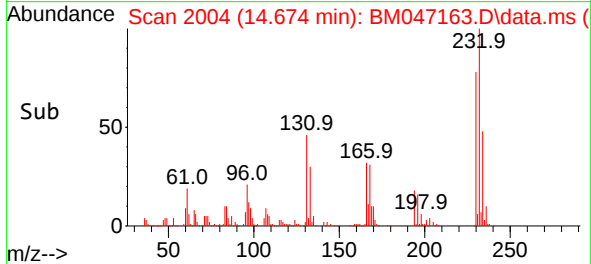
166 34.0 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/14/2024



#60

Diethylphthalate

Concen: 12.063 ng

RT: 14.892 min Scan# 2041

Delta R.T. -0.006 min

Lab File: BM047163.D

Acq: 12 Aug 2024 20:11

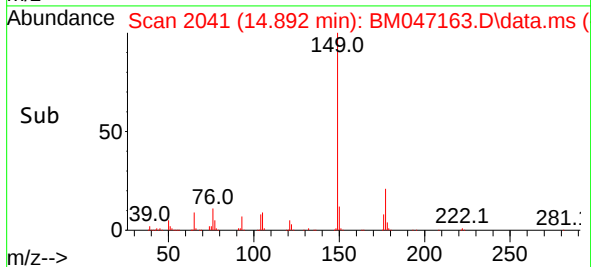
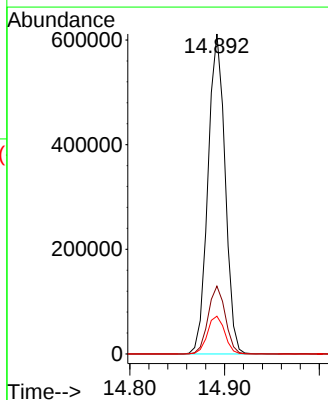
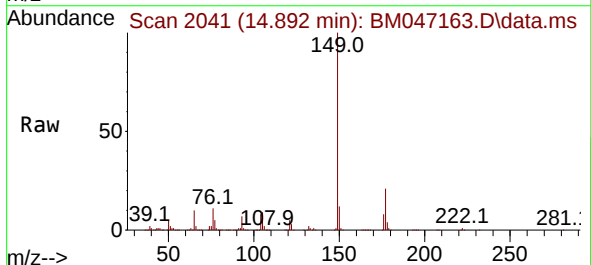
Tgt Ion:149 Resp: 765739

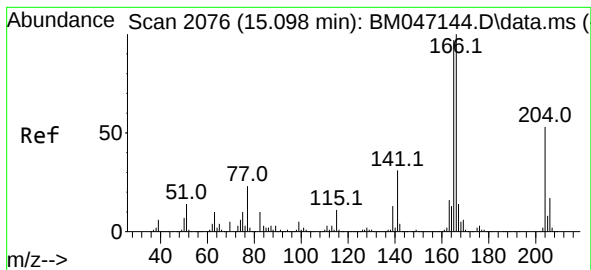
Ion Ratio Lower Upper

149 100

177 21.2 17.6 26.4

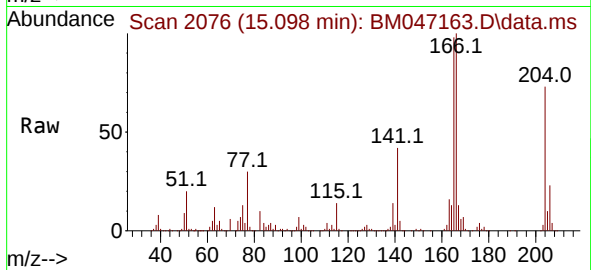
150 11.8 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 11.911 ng
RT: 15.098 min Scan# 2076
Delta R.T. -0.000 min
Lab File: BM047163.D
Acq: 12 Aug 2024 20:11

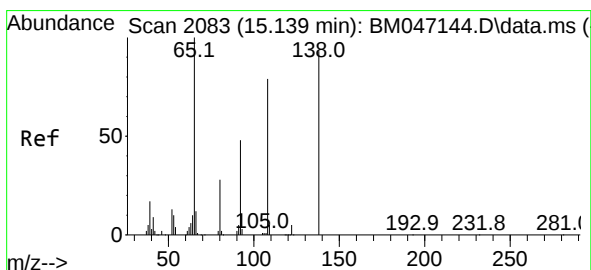
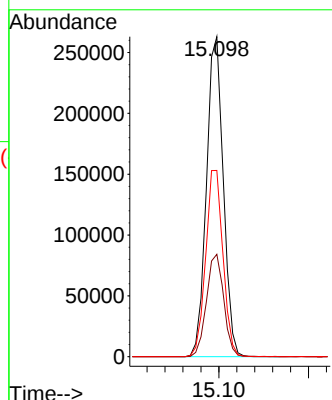
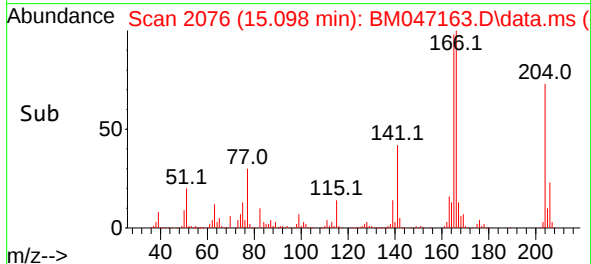
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



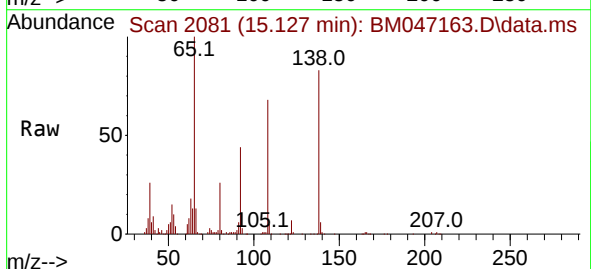
Tgt Ion:204 Resp: 34223
Ion Ratio Lower Upper
204 100
206 32.0 26.2 39.4
141 58.2 47.2 70.8

Manual Integrations
APPROVED

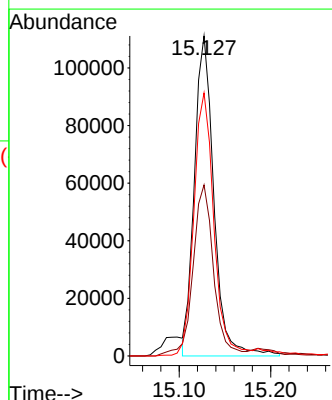
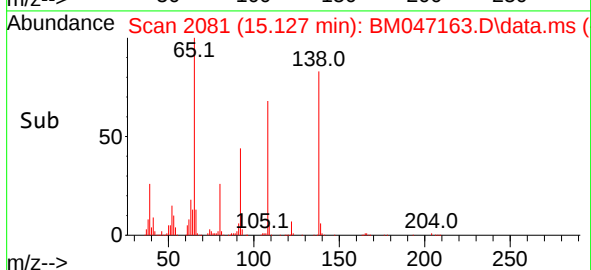
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024

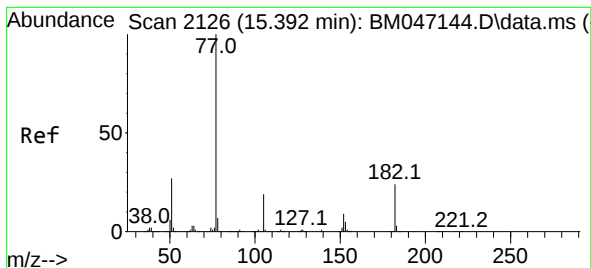


#62
4-Nitroaniline
Concen: 11.457 ng m
RT: 15.127 min Scan# 2081
Delta R.T. -0.012 min
Lab File: BM047163.D
Acq: 12 Aug 2024 20:11



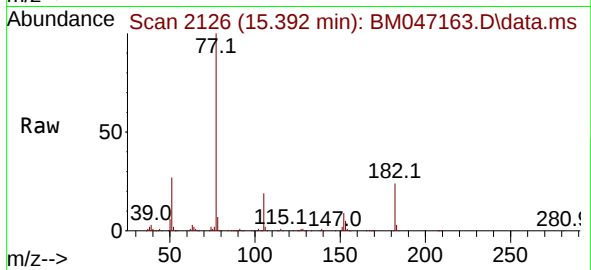
Tgt Ion:138 Resp: 164349
Ion Ratio Lower Upper
138 100
92 53.5 31.9 71.9
108 82.2 63.8 103.8





#63
Azobenzene
Concen: 12.571 ng
RT: 15.392 min Scan# 2126
Delta R.T. -0.000 min
Lab File: BM047163.D
Acq: 12 Aug 2024 20:11

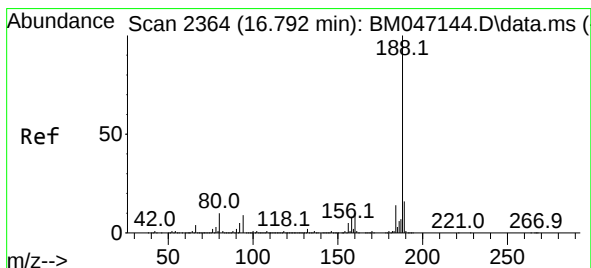
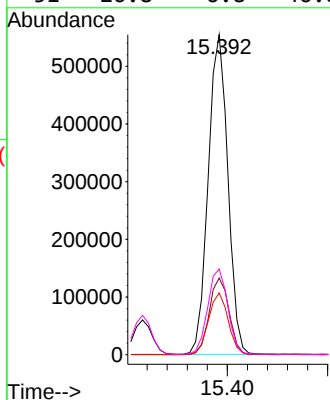
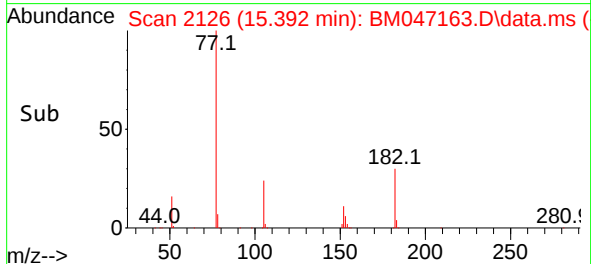
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion: 77 Resp: 75662
Ion Ratio Lower Upper
77 100
182 23.9 3.8 43.8
105 19.3 0.0 39.5
51 26.8 6.8 46.8

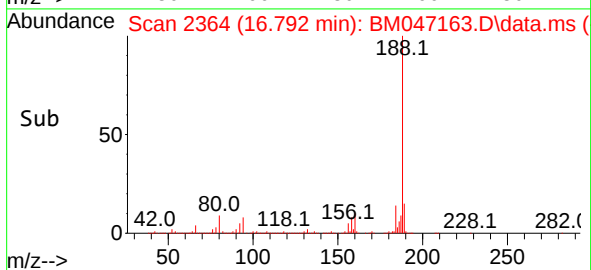
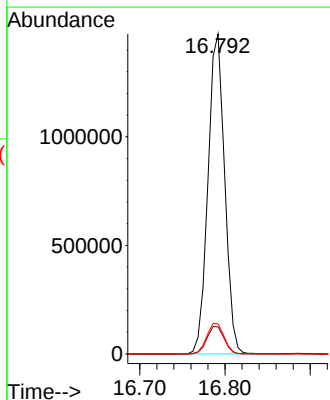
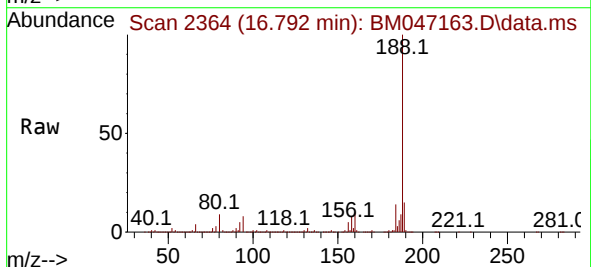
Manual Integrations
APPROVED

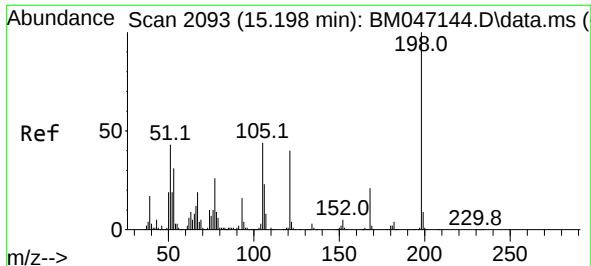
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.792 min Scan# 2364
Delta R.T. -0.000 min
Lab File: BM047163.D
Acq: 12 Aug 2024 20:11

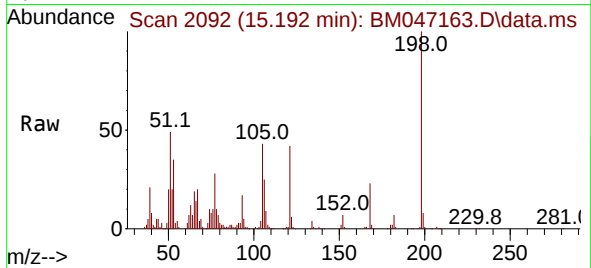
Tgt Ion:188 Resp: 2006678
Ion Ratio Lower Upper
188 100
94 8.5 7.0 10.6
80 9.4 8.0 12.0





#65
4,6-Dinitro-2-methylphenol
Concen: 9.731 ng
RT: 15.192 min Scan# 2092
Delta R.T. -0.006 min
Lab File: BM047163.D
Acq: 12 Aug 2024 20:11

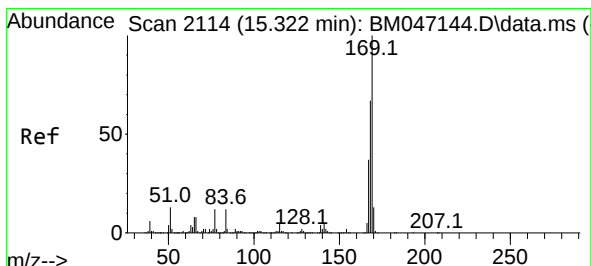
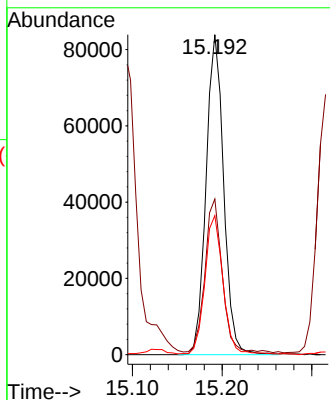
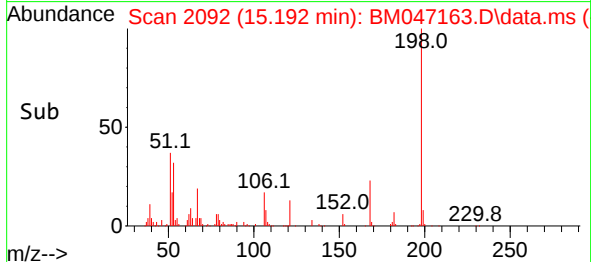
Instrument : BNA_M
ClientSampleId : LOQ-WATER-02-QT3-2024



Tgt Ion:198 Resp: 114320
Ion Ratio Lower Upper
198 100
51 48.6 23.9 63.9
105 43.4 24.3 64.3

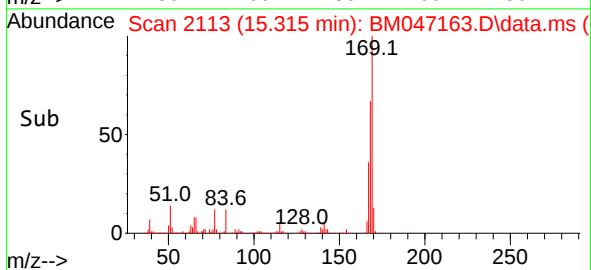
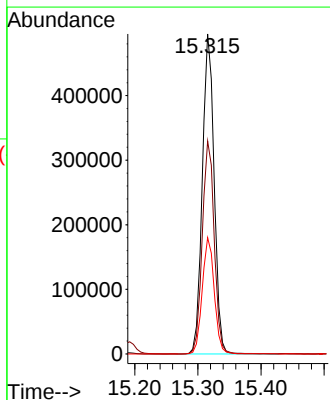
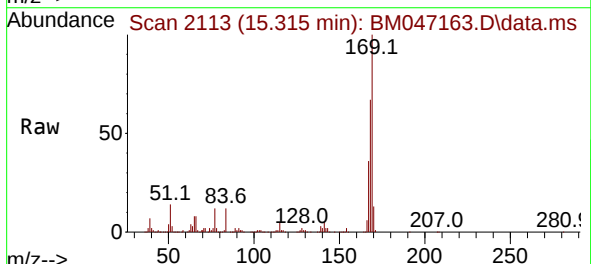
Manual Integrations
APPROVED

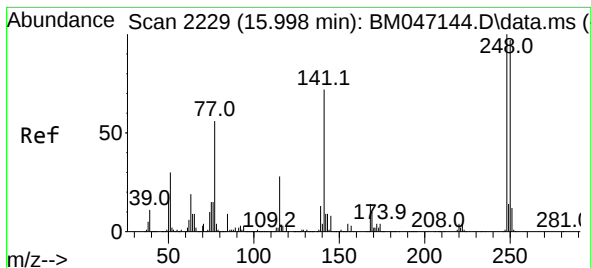
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#66
n-Nitrosodiphenylamine
Concen: 11.749 ng
RT: 15.315 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BM047163.D
Acq: 12 Aug 2024 20:11

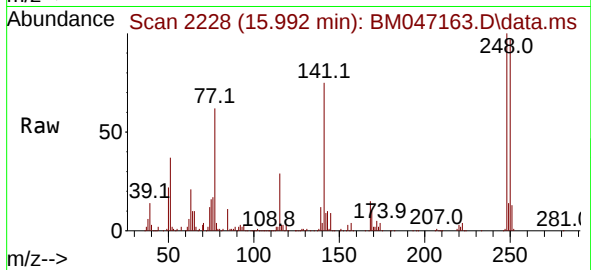
Tgt Ion:169 Resp: 642157
Ion Ratio Lower Upper
169 100
168 66.6 53.8 80.8
167 36.4 29.3 43.9





#67
4-Bromophenyl-phenylether
Concen: 10.940 ng
RT: 15.992 min Scan# 21154
Delta R.T. -0.006 min
Lab File: BM047163.D
Acq: 12 Aug 2024 20:11

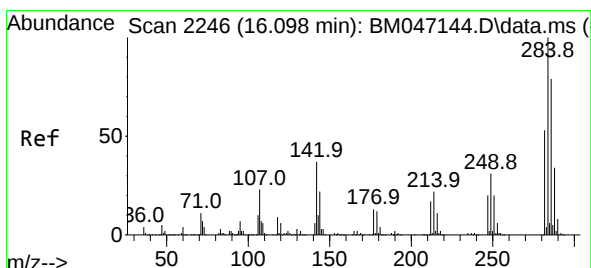
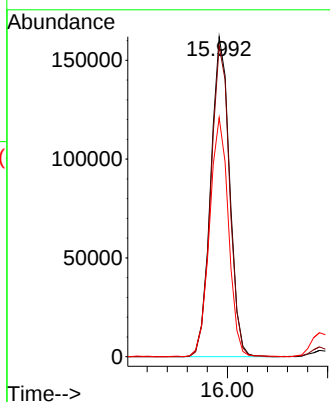
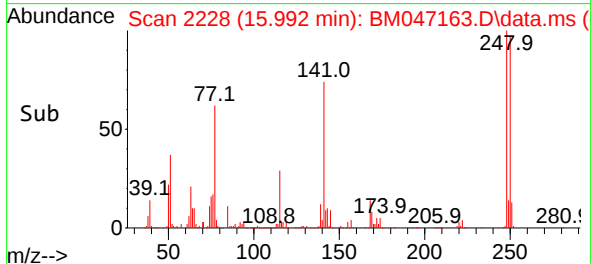
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



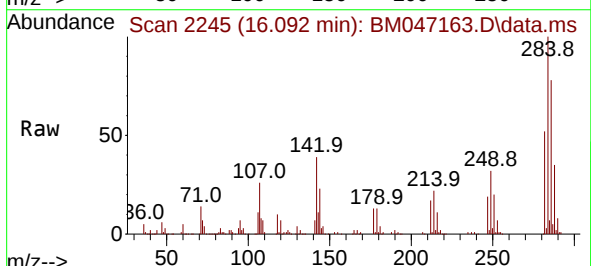
Tgt Ion:248 Resp: 21154
Ion Ratio Lower Upper
248 100
250 97.2 77.8 116.8
141 74.7 57.7 86.5

Manual Integrations
APPROVED

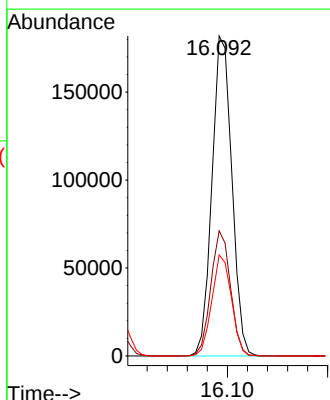
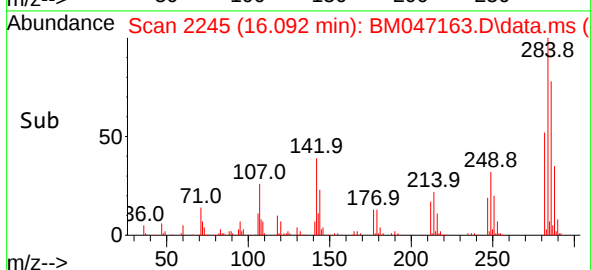
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024

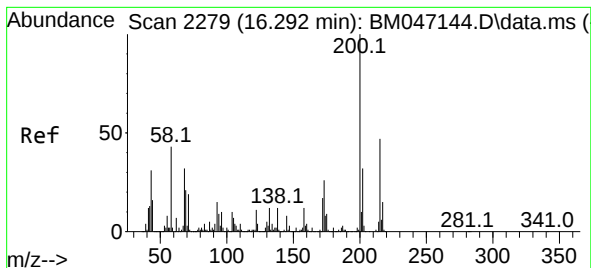


#68
Hexachlorobenzene
Concen: 10.780 ng
RT: 16.092 min Scan# 2245
Delta R.T. -0.006 min
Lab File: BM047163.D
Acq: 12 Aug 2024 20:11



Tgt Ion:284 Resp: 249657
Ion Ratio Lower Upper
284 100
142 39.1 29.4 44.0
249 31.5 25.1 37.7





#69

Atrazine

Concen: 14.094 ng

RT: 16.286 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047163.D

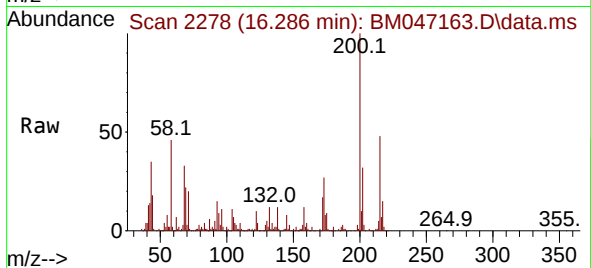
Acq: 12 Aug 2024 20:11

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2024



Tgt Ion:200 Resp: 23180

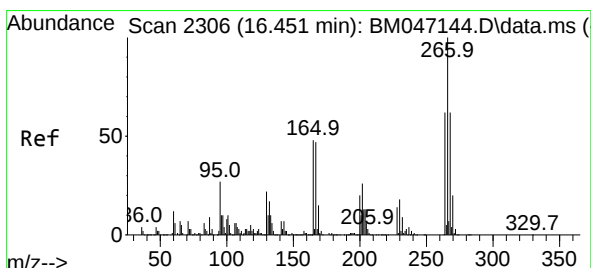
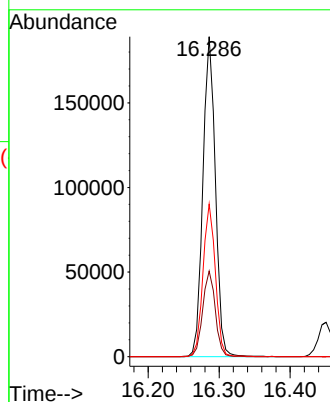
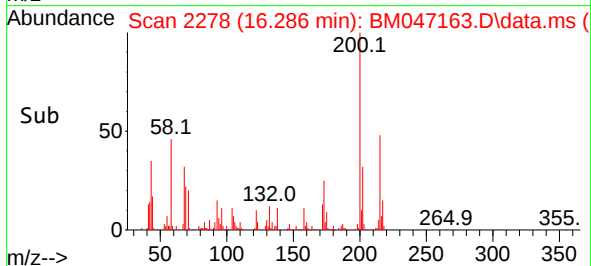
Ion	Ratio	Lower	Upper
200	100		
173	26.8	6.1	46.1
215	47.7	26.8	66.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/14/2024



#70

Pentachlorophenol

Concen: 9.099 ng

RT: 16.451 min Scan# 2306

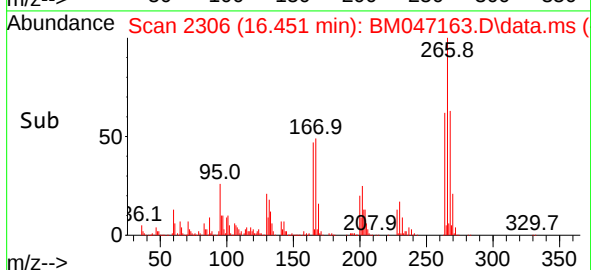
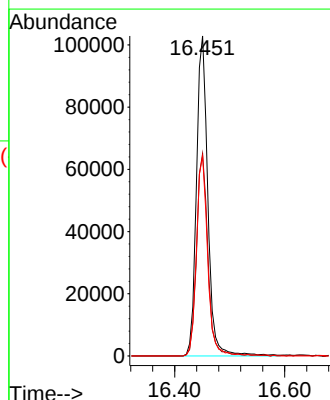
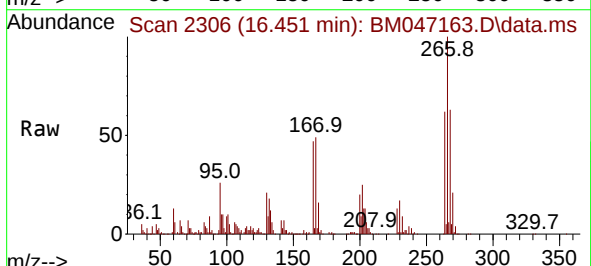
Delta R.T. -0.000 min

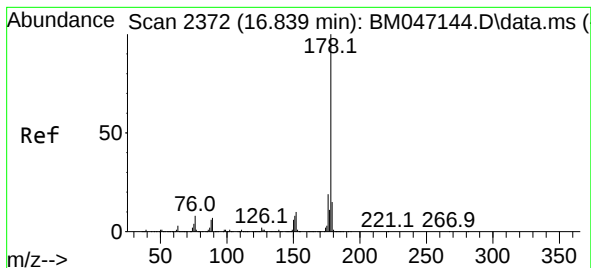
Lab File: BM047163.D

Acq: 12 Aug 2024 20:11

Tgt Ion:266 Resp: 147719

Ion	Ratio	Lower	Upper
266	100		
268	63.2	49.8	74.6
264	62.5	49.6	74.4





#71

Phenanthrene

Concen: 11.885 ng

RT: 16.833 min Scan# 2371

Delta R.T. -0.006 min

Lab File: BM047163.D

Acq: 12 Aug 2024 20:11

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2024

Tgt Ion:178 Resp: 1196860

Ion Ratio Lower Upper

178 100

176 19.4 15.3 22.9

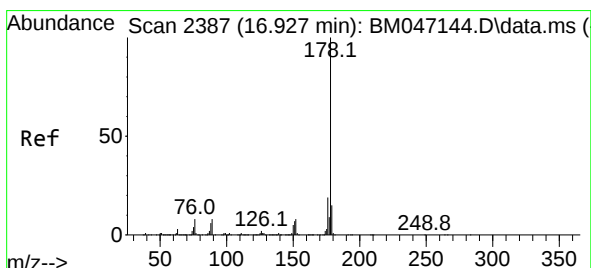
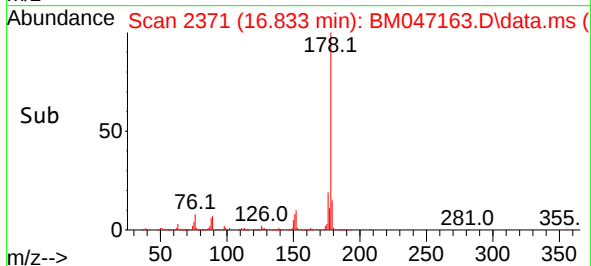
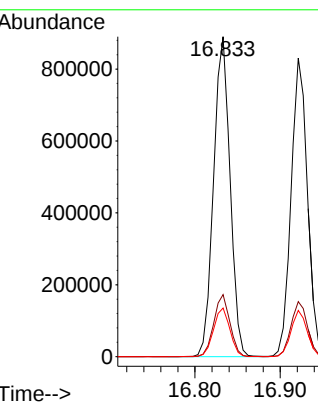
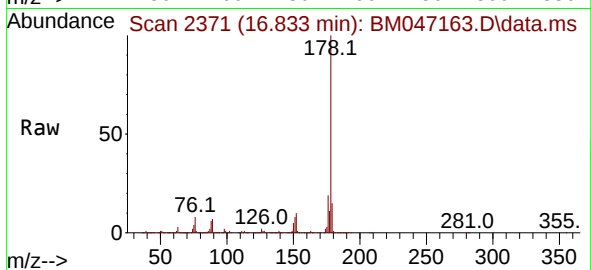
179 15.2 12.4 18.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/14/2024



#72

Anthracene

Concen: 11.416 ng

RT: 16.921 min Scan# 2386

Delta R.T. -0.006 min

Lab File: BM047163.D

Acq: 12 Aug 2024 20:11

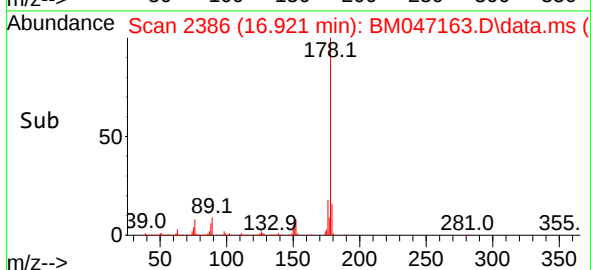
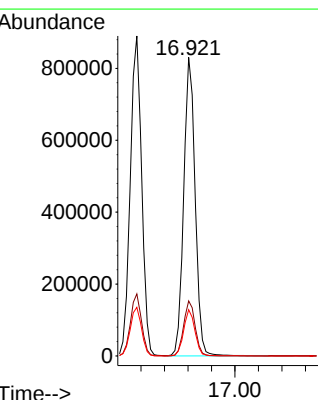
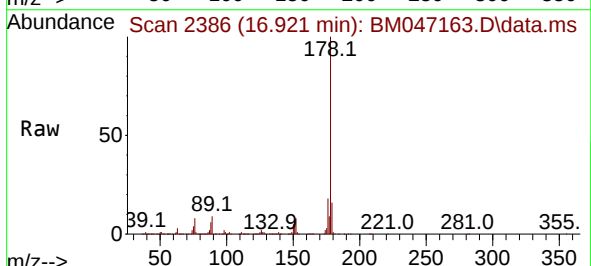
Tgt Ion:178 Resp: 1118609

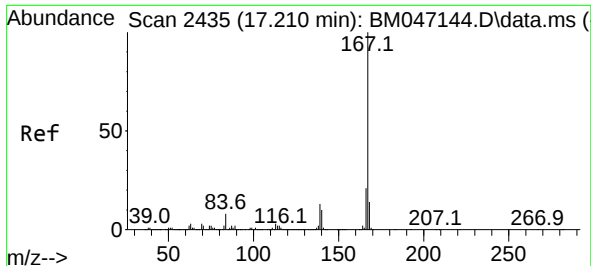
Ion Ratio Lower Upper

178 100

176 18.4 14.8 22.2

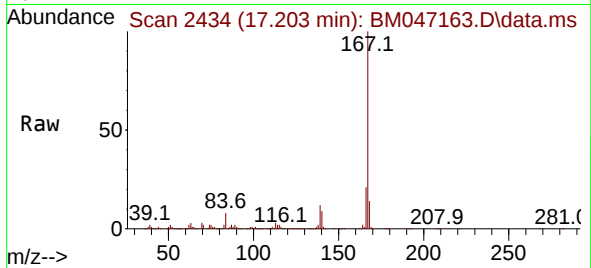
179 15.5 12.4 18.6





#73
 Carbazole
 Concen: 11.415 ng
 RT: 17.203 min Scan# 2435
 Delta R.T. -0.006 min
 Lab File: BM047163.D
 Acq: 12 Aug 2024 20:11

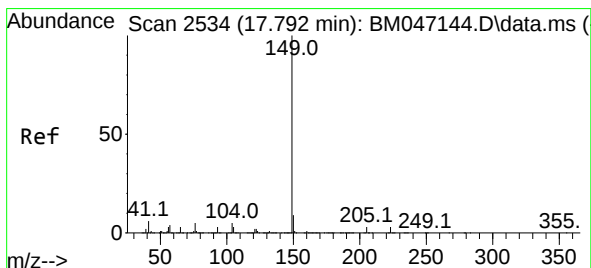
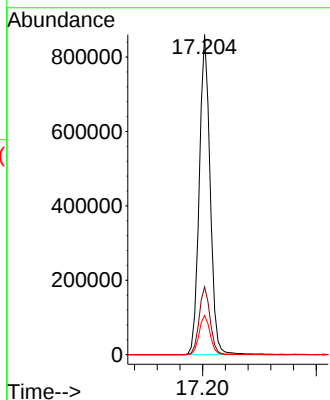
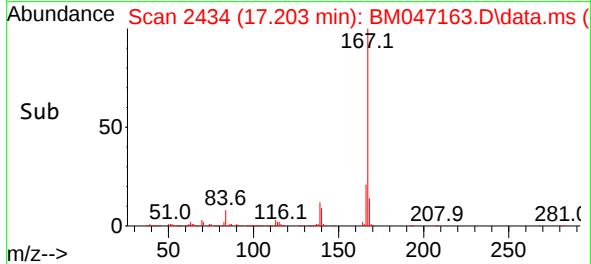
Instrument : BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT3-2024



Tgt Ion:167 Resp: 114209
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.1 25.7
 139 12.2 10.0 15.0

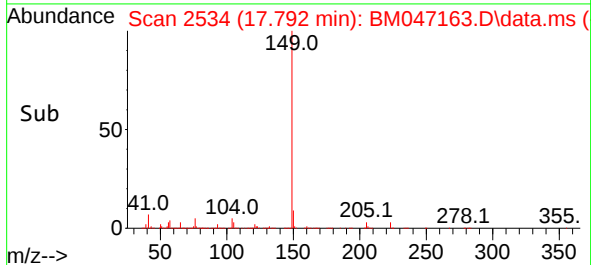
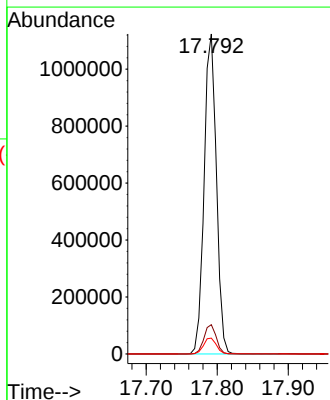
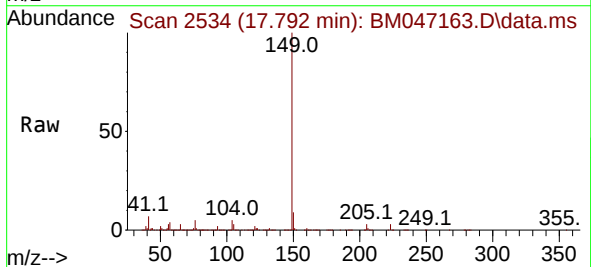
Manual Integrations
 APPROVED

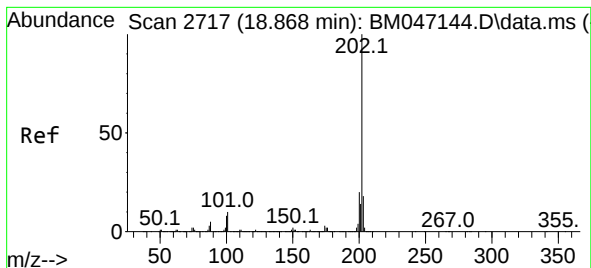
Reviewed By :Yogesh Patel 08/13/2024
 Supervised By :mohammad ahmed 08/14/2024



#74
 Di-n-butylphthalate
 Concen: 11.587 ng
 RT: 17.792 min Scan# 2534
 Delta R.T. -0.000 min
 Lab File: BM047163.D
 Acq: 12 Aug 2024 20:11

Tgt Ion:149 Resp: 1348963
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 4.9 4.1 6.1





#75

Fluoranthene

Concen: 11.112 ng

RT: 18.868 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM047163.D

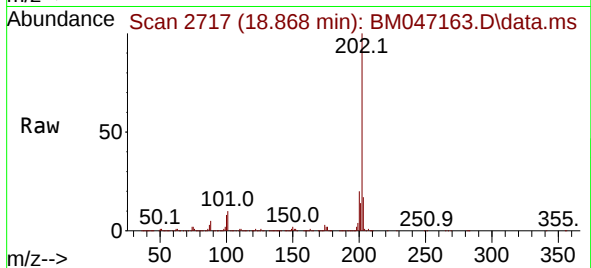
Acq: 12 Aug 2024 20:11

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2024



Tgt Ion:202 Resp: 1361100

Ion Ratio Lower Upper

202 100

101 9.9 0.0 30.2

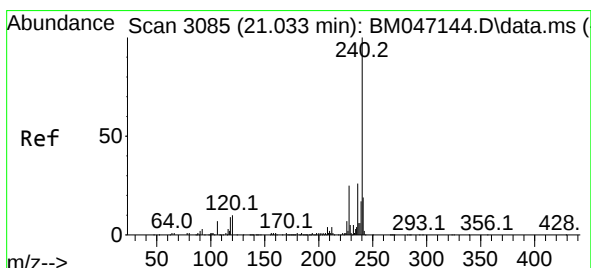
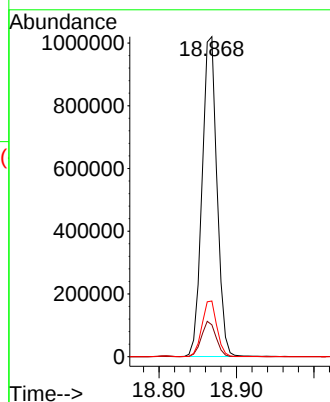
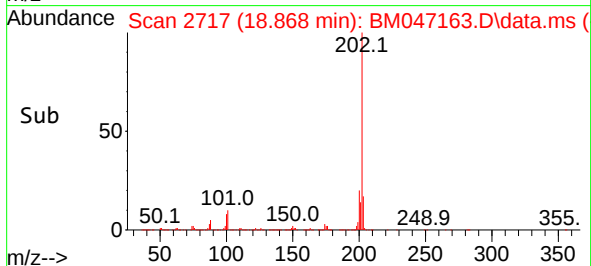
203 17.4 0.0 37.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/14/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.027 min Scan# 3084

Delta R.T. -0.006 min

Lab File: BM047163.D

Acq: 12 Aug 2024 20:11

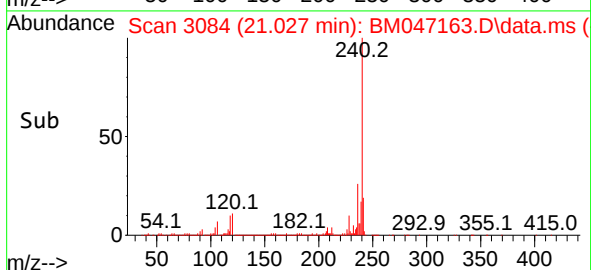
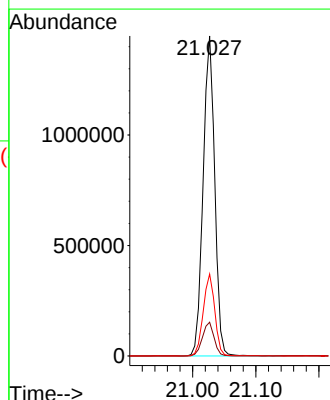
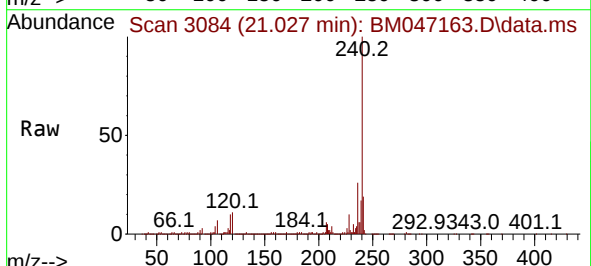
Tgt Ion:240 Resp: 1845811

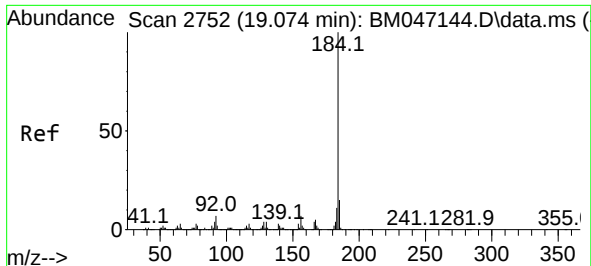
Ion Ratio Lower Upper

240 100

120 10.6 8.2 12.2

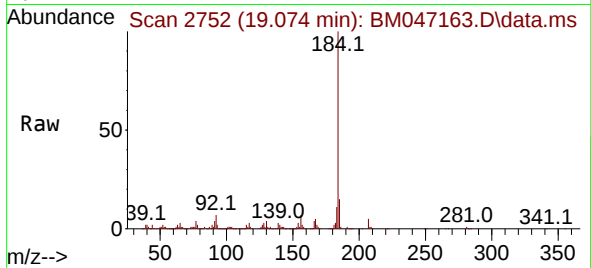
236 25.6 20.6 30.8





#77
Benzidine
Concen: 11.677 ng
RT: 19.074 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM047163.D
Acq: 12 Aug 2024 20:11

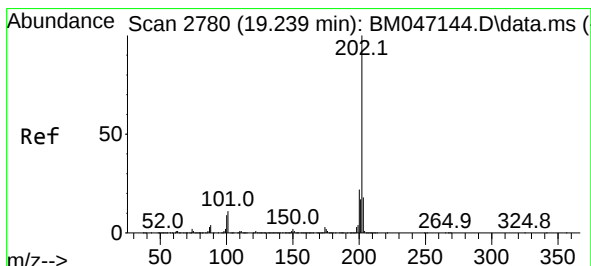
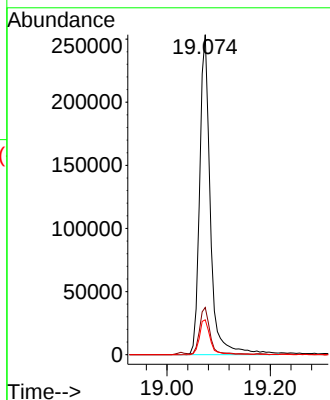
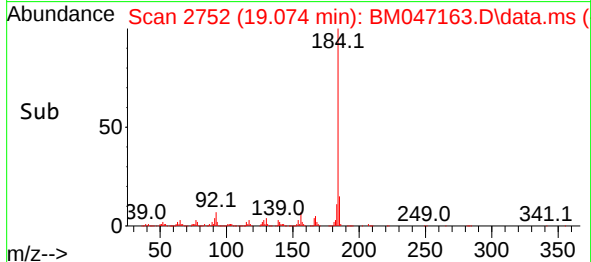
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion:184 Resp: 365509
Ion Ratio Lower Upper
184 100
185 14.7 11.8 17.6
183 10.9 9.0 13.6

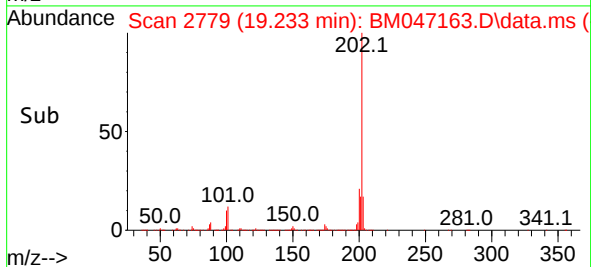
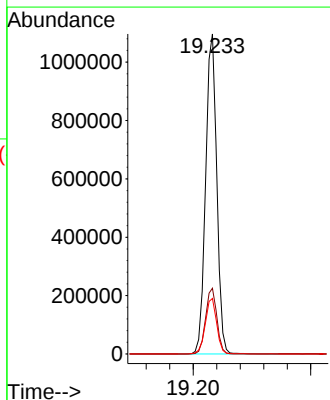
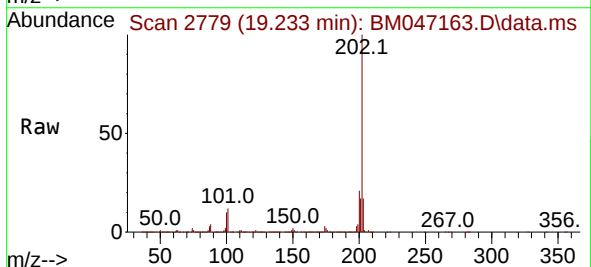
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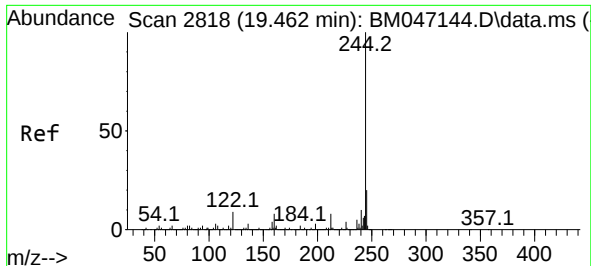
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#78
Pyrene
Concen: 10.961 ng
RT: 19.233 min Scan# 2779
Delta R.T. -0.006 min
Lab File: BM047163.D
Acq: 12 Aug 2024 20:11

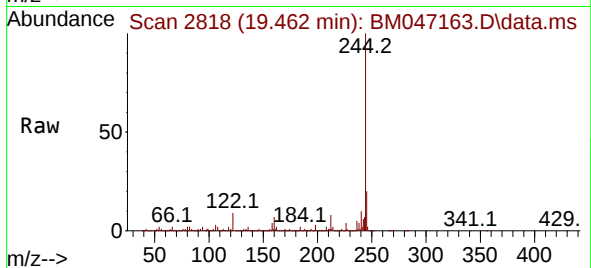
Tgt Ion:202 Resp: 1444557
Ion Ratio Lower Upper
202 100
200 20.6 17.2 25.8
203 17.3 14.2 21.2





#79
 Terphenyl-d14
 Concen: 99.962 ng
 RT: 19.462 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM047163.D
 Acq: 12 Aug 2024 20:11

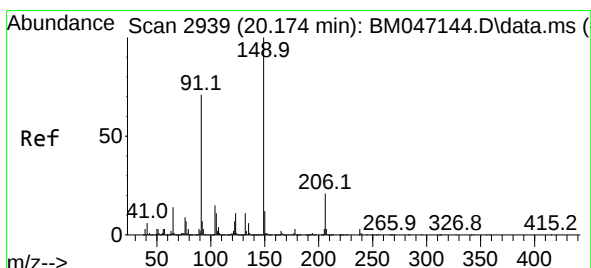
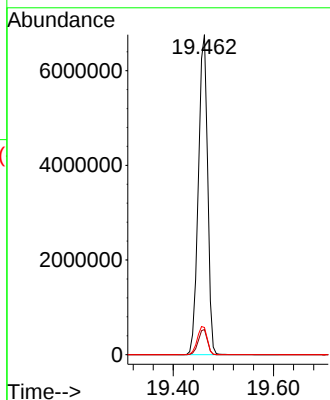
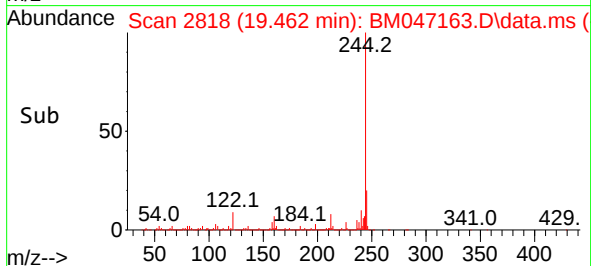
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT3-2024



Tgt Ion:244 Resp: 861087
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.4
 122 8.5 7.1 10.7

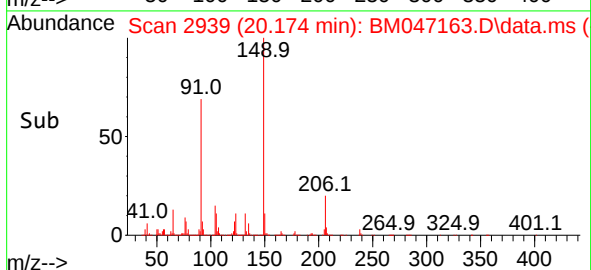
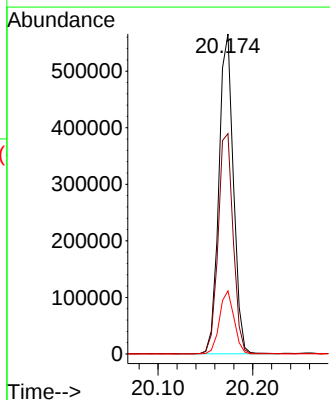
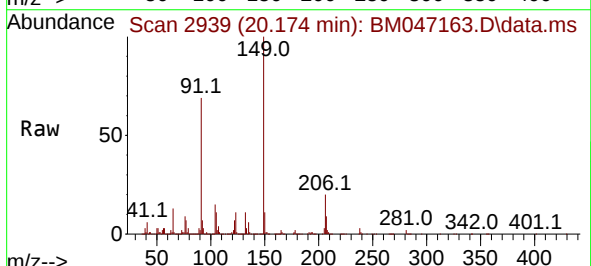
Manual Integrations
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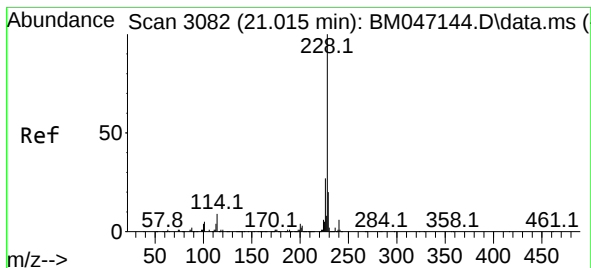
Reviewed By :Yogesh Patel 08/13/2024
 Supervised By :mohammad ahmed 08/14/2024



#80
 Butylbenzylphthalate
 Concen: 11.235 ng
 RT: 20.174 min Scan# 2939
 Delta R.T. -0.000 min
 Lab File: BM047163.D
 Acq: 12 Aug 2024 20:11

Tgt Ion:149 Resp: 604266
 Ion Ratio Lower Upper
 149 100
 91 68.9 57.0 85.4
 206 19.7 16.4 24.6





#81

Benzo(a)anthracene

Concen: 11.326 ng

RT: 21.009 min Scan# 3082

Delta R.T. -0.006 min

Lab File: BM047163.D

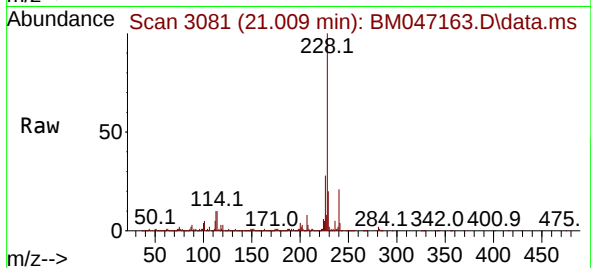
Acq: 12 Aug 2024 20:11

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2024



Tgt Ion:228 Resp: 1387800

Ion Ratio Lower Upper

228 100

226 27.6 21.8 32.6

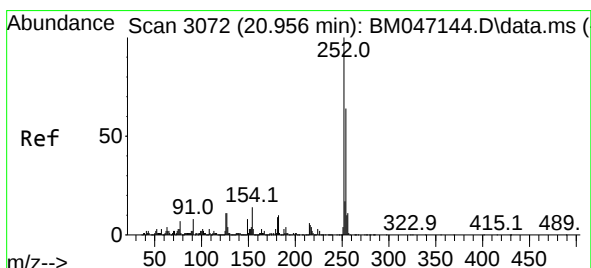
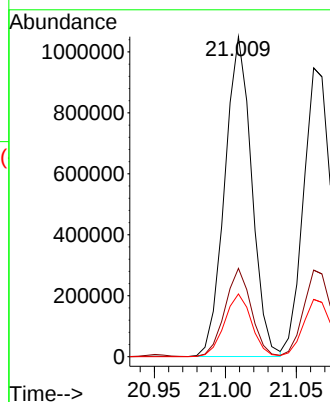
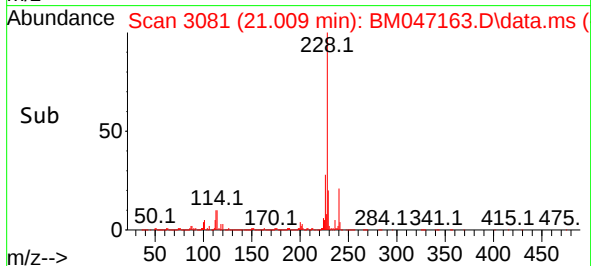
229 19.6 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/14/2024



#82

3,3'-Dichlorobenzidine

Concen: 13.327 ng

RT: 20.950 min Scan# 3071

Delta R.T. -0.006 min

Lab File: BM047163.D

Acq: 12 Aug 2024 20:11

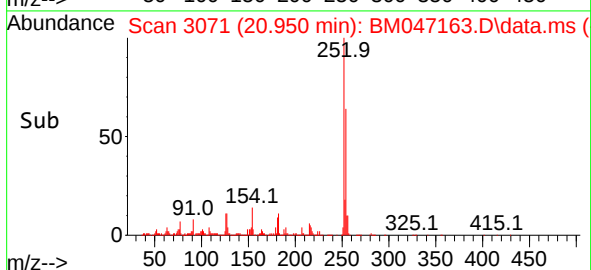
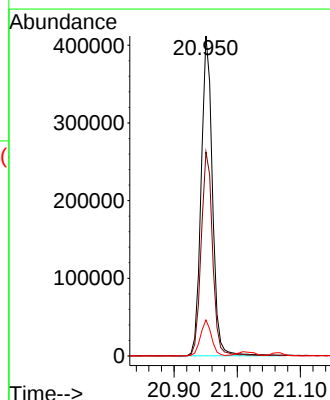
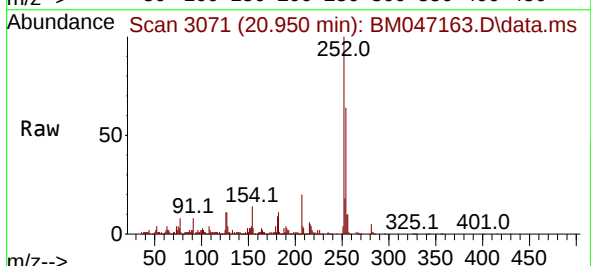
Tgt Ion:252 Resp: 510947

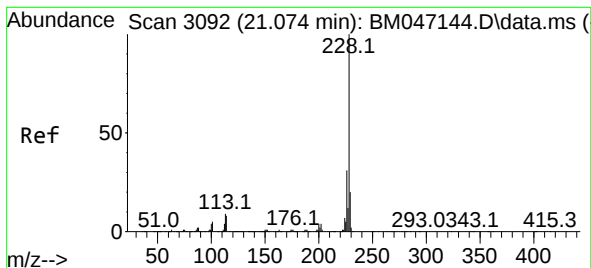
Ion Ratio Lower Upper

252 100

254 63.8 51.0 76.6

126 11.3 8.5 12.7





#83

Chrysene

Concen: 11.020 ng

RT: 21.062 min Scan# 3092

Delta R.T. -0.012 min

Lab File: BM047163.D

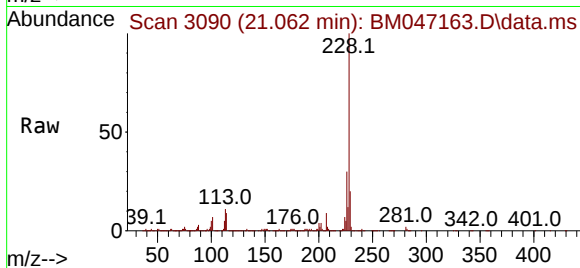
Acq: 12 Aug 2024 20:11

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2024



Tgt Ion:228 Resp: 1281194

Ion Ratio Lower Upper

228 100

226 30.0 24.4 36.6

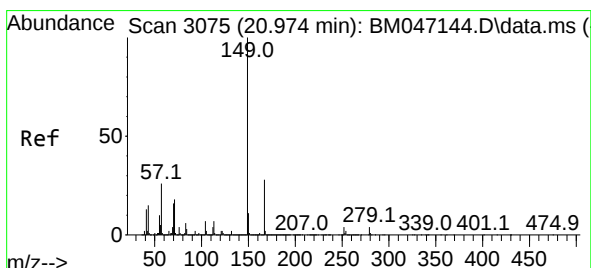
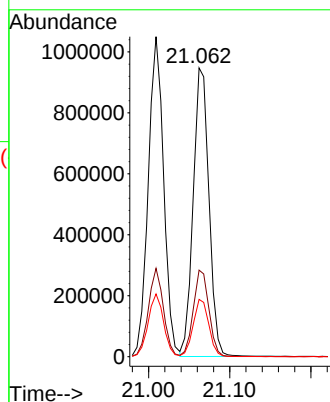
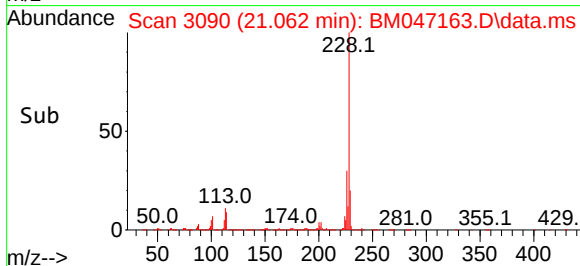
229 19.9 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/14/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 11.676 ng

RT: 20.974 min Scan# 3075

Delta R.T. -0.000 min

Lab File: BM047163.D

Acq: 12 Aug 2024 20:11

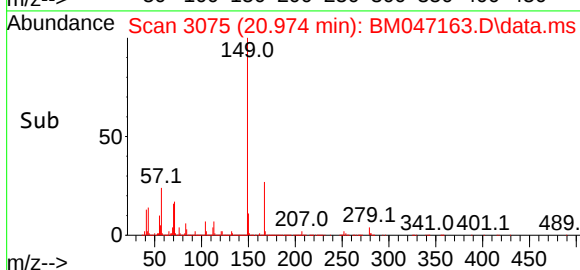
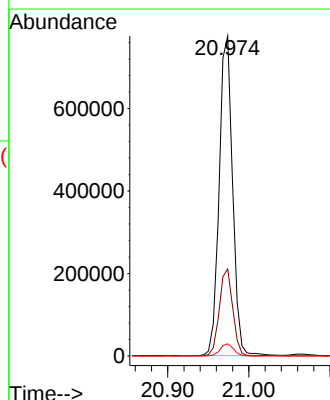
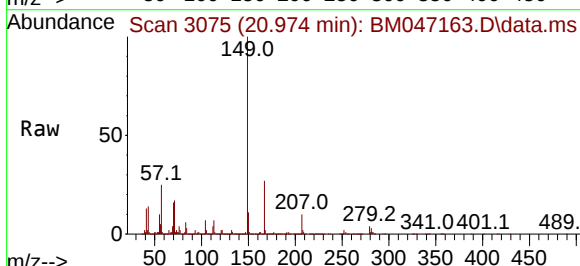
Tgt Ion:149 Resp: 890645

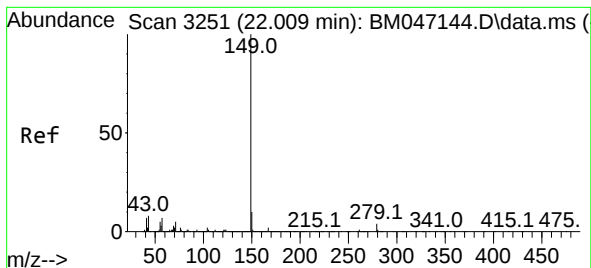
Ion Ratio Lower Upper

149 100

167 27.2 22.2 33.2

279 3.8 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 11.125 ng

RT: 22.003 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM047163.D

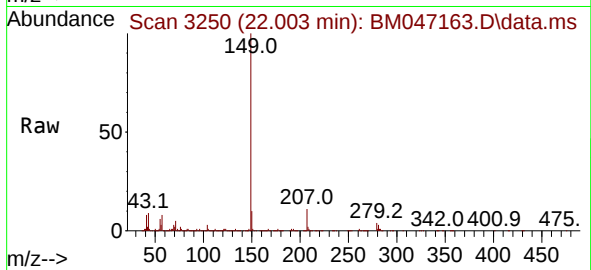
Acq: 12 Aug 2024 20:11

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2024



Tgt Ion:149 Resp: 144232

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

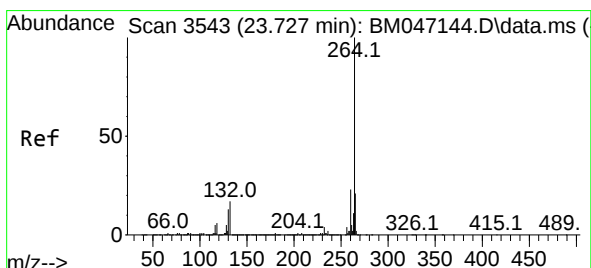
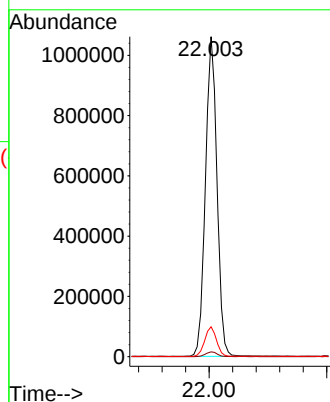
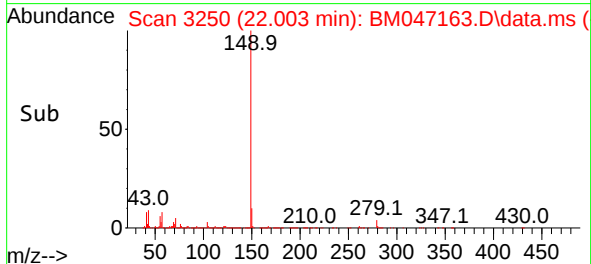
43 9.5 6.9 10.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/14/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.721 min Scan# 3542

Delta R.T. -0.006 min

Lab File: BM047163.D

Acq: 12 Aug 2024 20:11

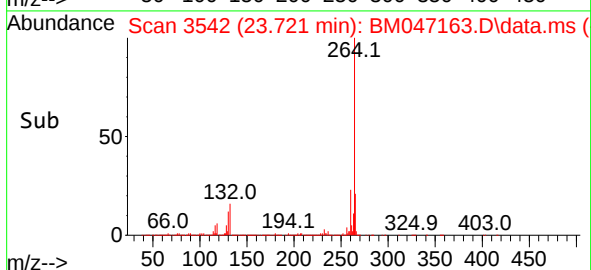
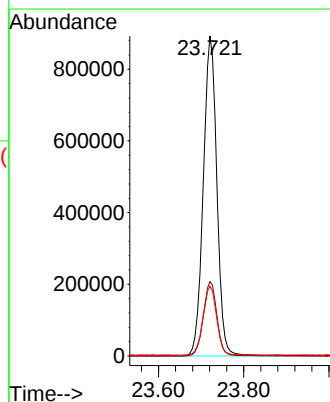
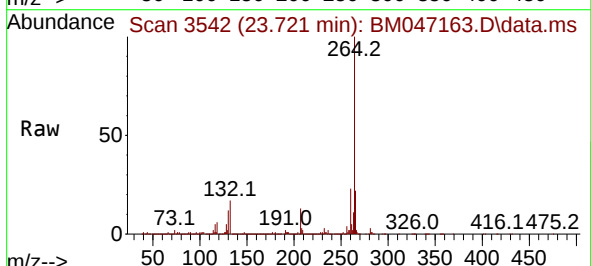
Tgt Ion:264 Resp: 1970965

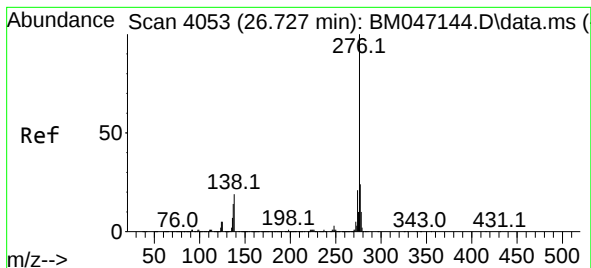
Ion Ratio Lower Upper

264 100

260 23.2 18.5 27.7

265 21.8 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 11.188 ng

RT: 26.703 min Scan# 4053

Delta R.T. -0.024 min

Lab File: BM047163.D

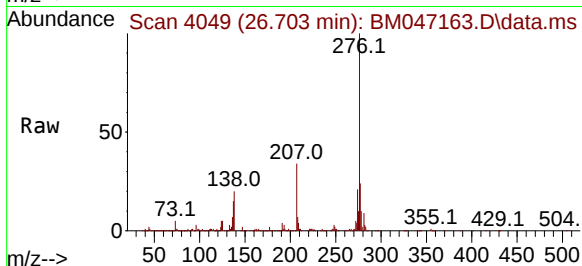
Acq: 12 Aug 2024 20:11

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2024



Tgt Ion: 276 Resp: 1425378

Ion Ratio Lower Upper

276 100

138 24.8 19.4 29.0

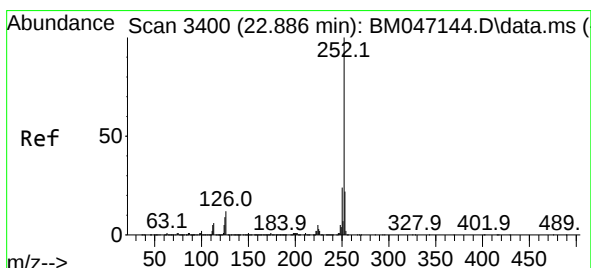
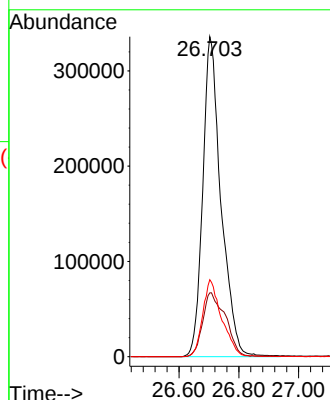
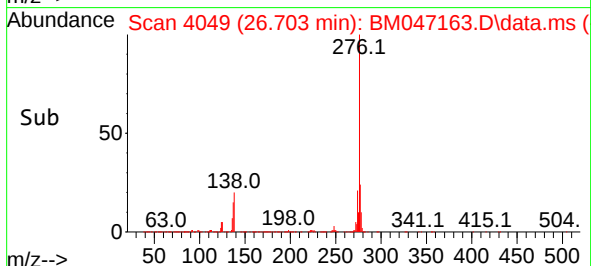
277 24.9 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/14/2024



#88

Benzo(b)fluoranthene

Concen: 11.858 ng

RT: 22.874 min Scan# 3398

Delta R.T. -0.012 min

Lab File: BM047163.D

Acq: 12 Aug 2024 20:11

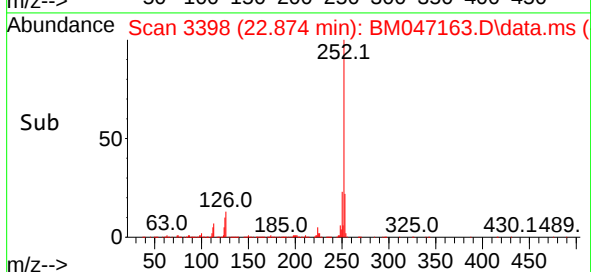
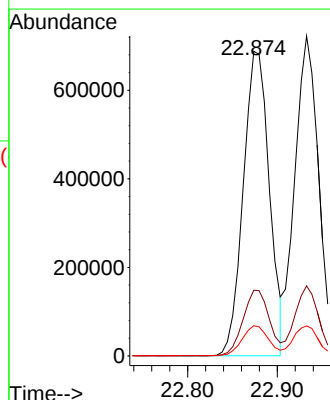
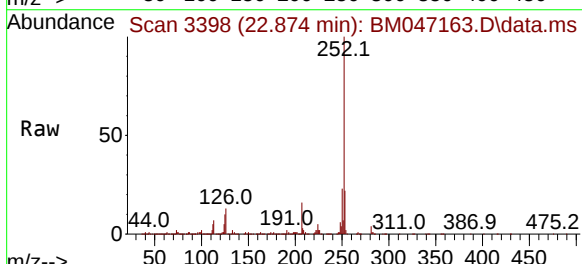
Tgt Ion: 252 Resp: 1387967

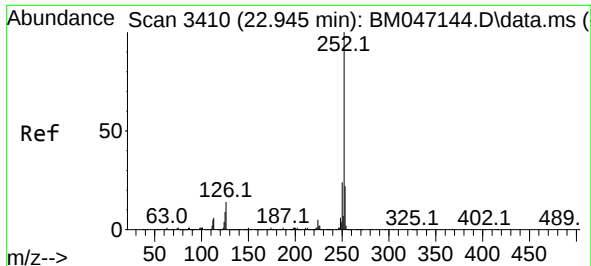
Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.6

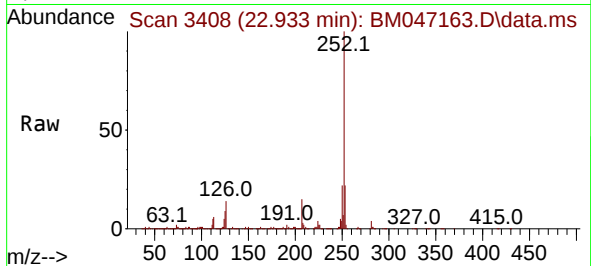
125 9.9 7.4 11.0





#89
Benzo(k)fluoranthene
Concen: 12.171 ng
RT: 22.933 min Scan# 3410
Delta R.T. -0.012 min
Lab File: BM047163.D
Acq: 12 Aug 2024 20:11

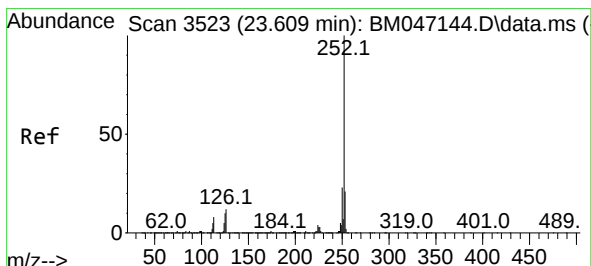
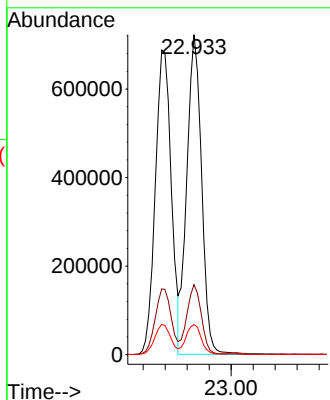
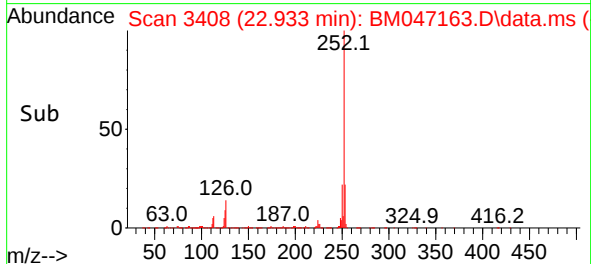
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion:252 Resp: 1345549
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 9.4 7.4 11.2

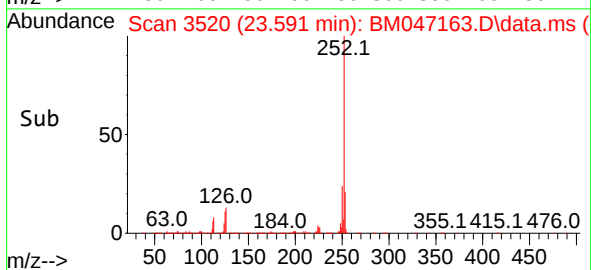
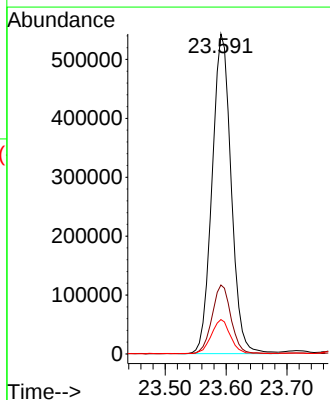
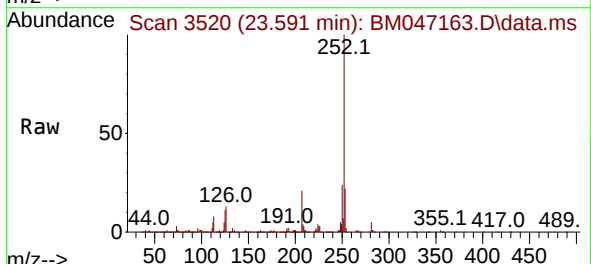
Manual Integrations
APPROVED

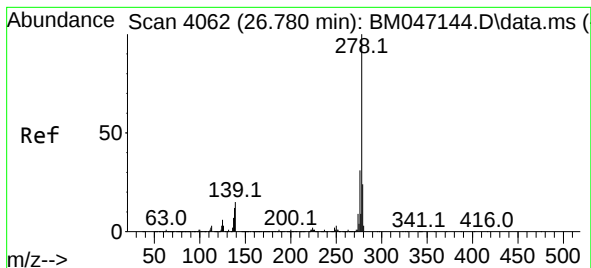
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#90
Benzo(a)pyrene
Concen: 11.646 ng
RT: 23.591 min Scan# 3520
Delta R.T. -0.018 min
Lab File: BM047163.D
Acq: 12 Aug 2024 20:11

Tgt Ion:252 Resp: 1180861
Ion Ratio Lower Upper
252 100
253 21.5 17.1 25.7
125 10.8 8.2 12.2





#91

Dibenzo(a,h)anthracene

Concen: 11.517 ng

RT: 26.756 min Scan# 4062

Delta R.T. -0.024 min

Lab File: BM047163.D

Acq: 12 Aug 2024 20:11

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2024

Tgt Ion:278 Resp: 118744

Ion Ratio Lower Upper

278 100

139 15.5 12.0 18.0

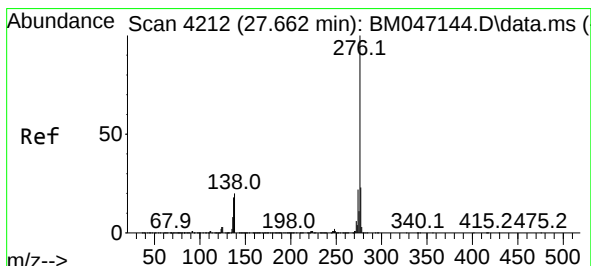
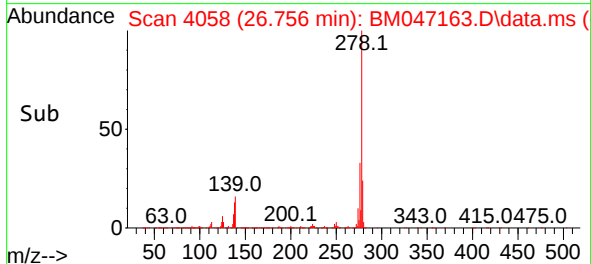
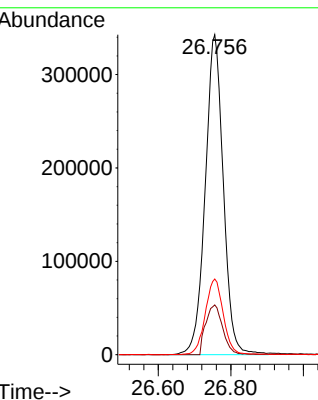
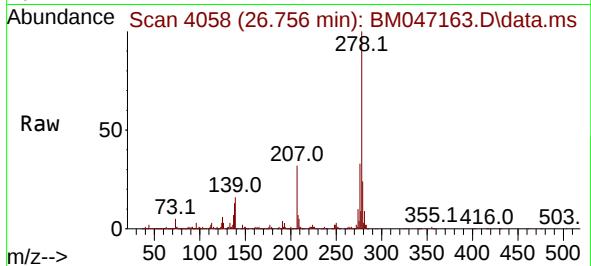
279 23.6 19.2 28.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/14/2024



#92

Benzo(g,h,i)perylene

Concen: 10.640 ng

RT: 27.632 min Scan# 4207

Delta R.T. -0.030 min

Lab File: BM047163.D

Acq: 12 Aug 2024 20:11

Tgt Ion:276 Resp: 1138997

Ion Ratio Lower Upper

276 100

277 23.5 18.8 28.2

138 20.9 16.2 24.4

