

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081224\
 Data File : BM047157.D
 Acq On : 12 Aug 2024 15:05
 Operator : RC/JU
 Sample : P3390-07
 Misc : LOD-MDL-WATER-8NG
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Aug 12 15:47:14 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	7.375	152	274980	20.000	ng	0.00
21) Naphthalene-d8	10.128	136	1204399	20.000	ng	0.00
39) Acenaphthene-d10	14.028	164	798892	20.000	ng	0.00
64) Phenanthrene-d10	16.792	188	1800139	20.000	ng	0.00
76) Chrysene-d12	21.027	240	1696826	20.000	ng	0.00
86) Perylene-d12	23.721	264	2038038	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.022	112	2089001	135.745	ng	0.00
7) Phenol-d6	6.587	99	2925256	137.952	ng	0.00
23) Nitrobenzene-d5	8.522	82	2008395	83.967	ng	0.00
42) 2,4,6-Tribromophenol	15.539	330	1365063	147.363	ng	0.00
45) 2-Fluorobiphenyl	12.640	172	4339334	83.785	ng	0.00
79) Terphenyl-d14	19.463	244	7495444	94.653	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.034	88	55514	8.706	ng	97
3) Pyridine	3.417	79	142924	7.644	ng	96
4) n-Nitrosodimethylamine	3.328	42	70213	8.595	ng	# 92
6) Aniline	6.722	93	220199	10.987	ng	99
8) 2-Chlorophenol	6.946	128	149823	8.926	ng	99
9) Benzaldehyde	6.534	77	138377m	9.147	ng	
10) Phenol	6.605	94	174362	8.241	ng	94
11) bis(2-Chloroethyl)ether	6.822	93	161500	8.913	ng	98
12) 1,3-Dichlorobenzene	7.263	146	168574	8.452	ng	100
13) 1,4-Dichlorobenzene	7.405	146	172743	8.554	ng	99
14) 1,2-Dichlorobenzene	7.716	146	170338	8.940	ng	98
15) Benzyl Alcohol	7.622	79	145683	9.653	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.905	45	214299	9.217	ng	97
17) 2-Methylphenol	7.828	107	121287	8.592	ng	98
18) Hexachloroethane	8.428	117	64453	8.240	ng	95
19) n-Nitroso-di-n-propyla...	8.181	70	133747	9.364	ng	95
20) 3+4-Methylphenols	8.158	107	170770	8.653	ng	97
22) Acetophenone	8.193	105	254547	8.756	ng	# 98
24) Nitrobenzene	8.563	77	202638	8.413	ng	99
25) Isophorone	9.087	82	364802	8.759	ng	98
26) 2-Nitrophenol	9.263	139	78596	7.369	ng	96
27) 2,4-Dimethylphenol	9.340	122	103949	8.320	ng	96
28) bis(2-Chloroethoxy)met...	9.569	93	223293	8.521	ng	100
29) 2,4-Dichlorophenol	9.793	162	147923	7.979	ng	96
30) 1,2,4-Trichlorobenzene	9.999	180	167372	7.978	ng	99
31) Naphthalene	10.175	128	497839	8.297	ng	98
32) Benzoic acid	9.452	122	84295m	5.807	ng	
33) 4-Chloroaniline	10.304	127	210515	9.124	ng	99
34) Hexachlorobutadiene	10.463	225	90182	7.344	ng	99
35) Caprolactam	11.087	113	52954	8.225	ng	94
36) 4-Chloro-3-methylphenol	11.446	107	156842	7.944	ng	99
37) 2-Methylnaphthalene	11.804	142	351526	8.229	ng	97
38) 1-Methylnaphthalene	12.028	142	342766	8.119	ng	99
40) 1,2,4,5-Tetrachloroben...	12.187	216	178382	8.186	ng	99
41) Hexachlorocyclopentadiene	12.163	237	70387	9.251	ng	96
43) 2,4,6-Trichlorophenol	12.445	196	118401	7.645	ng	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081224\
 Data File : BM047157.D
 Acq On : 12 Aug 2024 15:05
 Operator : RC/JU
 Sample : P3390-07
 Misc : LOD-MDL-WATER-8NG
 ALS Vial : 8 Sample Multiplier: 1

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

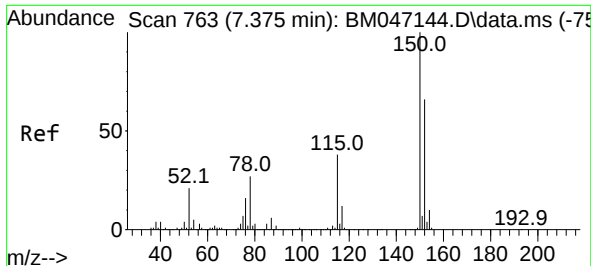
Quant Time: Aug 12 15:47:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:47:58 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

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

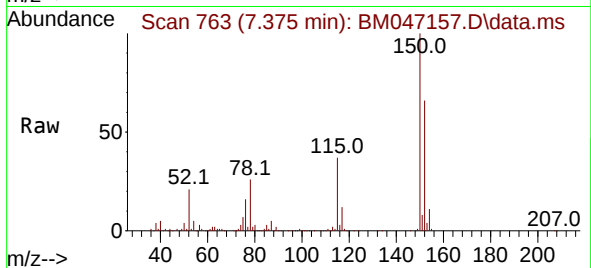
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.516	196	133646	7.772	ng	99
46) 1,1'-Biphenyl	12.851	154	485472	8.536	ng	99
47) 2-Chloronaphthalene	12.887	162	380273	8.554	ng	99
48) 2-Nitroaniline	13.110	65	113626	8.159	ng	95
49) Acenaphthylene	13.745	152	622894	9.506	ng	100
50) Dimethylphthalate	13.504	163	489677	8.776	ng	99
51) 2,6-Dinitrotoluene	13.622	165	102591	7.866	ng	98
52) Acenaphthene	14.092	154	358512	8.625	ng	99
53) 3-Nitroaniline	13.951	138	107437	8.220	ng	94
54) 2,4-Dinitrophenol	14.169	184	44485	5.691	ng	97
55) Dibenzofuran	14.434	168	596667	9.088	ng	100
56) 4-Nitrophenol	14.292	139	88135	7.820	ng	92
57) 2,4-Dinitrotoluene	14.422	165	137319	7.888	ng	# 91
58) Fluorene	15.092	166	475475	8.777	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.675	232	115570	8.177	ng	96
60) Diethylphthalate	14.892	149	490753	8.613	ng	99
61) 4-Chlorophenyl-phenyle...	15.098	204	222544	8.629	ng	98
62) 4-Nitroaniline	15.128	138	107713m	8.366	ng	
63) Azobenzene	15.392	77	479447	8.875	ng	100
65) 4,6-Dinitro-2-methylph...	15.192	198	67683	6.422	ng	96
66) n-Nitrosodiphenylamine	15.316	169	414825	8.460	ng	99
67) 4-Bromophenyl-phenylether	15.992	248	130058	7.498	ng	95
68) Hexachlorobenzene	16.098	284	165029	7.944	ng	97
69) Atrazine	16.286	200	145322	9.849	ng	99
70) Pentachlorophenol	16.451	266	91872	6.309	ng	99
71) Phenanthrene	16.833	178	781427	8.650	ng	99
72) Anthracene	16.922	178	760502	8.652	ng	99
73) Carbazole	17.204	167	746331	8.315	ng	100
74) Di-n-butylphthalate	17.792	149	847560	8.116	ng	99
75) Fluoranthene	18.869	202	876514	7.977	ng	99
77) Benzidine	19.074	184	321683	11.179	ng	99
78) Pyrene	19.233	202	938007	7.742	ng	98
80) Butylbenzylphthalate	20.174	149	379348	7.672	ng	97
81) Benzo(a)anthracene	21.010	228	929853	8.255	ng	99
82) 3,3'-Dichlorobenzidine	20.951	252	336837	9.557	ng	97
83) Chrysene	21.068	228	865317	8.097	ng	98
84) Bis(2-ethylhexyl)phtha...	20.974	149	557492	7.950	ng	100
85) Di-n-octyl phthalate	22.004	149	900740	7.557	ng	98
87) Indeno(1,2,3-cd)pyrene	26.709	276	1058289	8.034	ng	98
88) Benzo(b)fluoranthene	22.880	252	942963	7.791	ng	99
89) Benzo(k)fluoranthene	22.933	252	914059	7.996	ng	98
90) Benzo(a)pyrene	23.592	252	821122	7.832	ng	99
91) Dibenzo(a,h)anthracene	26.756	278	877131	8.228	ng	98
92) Benzo(g,h,i)perylene	27.633	276	864253	7.808	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.375 min Scan# 763
Delta R.T. 0.000 min
Lab File: BM047157.D
Acq: 12 Aug 2024 15:05

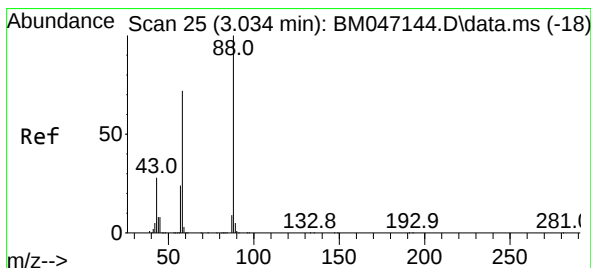
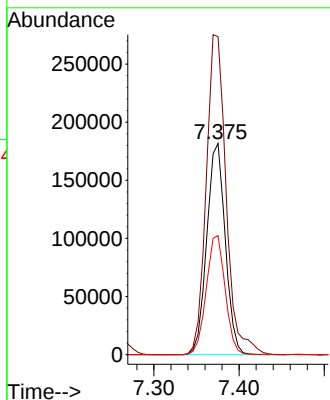
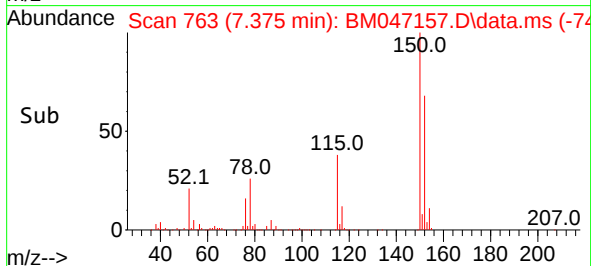
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



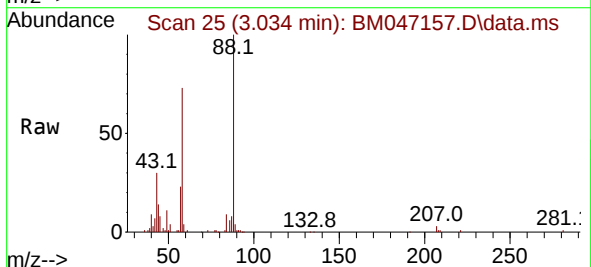
Tgt Ion: 152 Resp: 274980
Ion Ratio Lower Upper
152 100
150 150.6 120.5 180.7
115 56.3 45.5 68.3

Manual Integrations
APPROVED

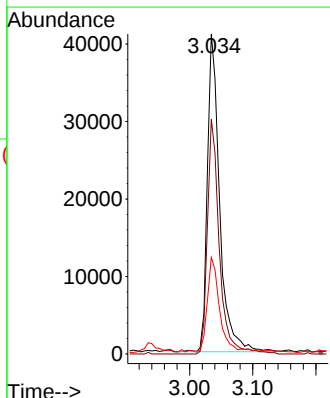
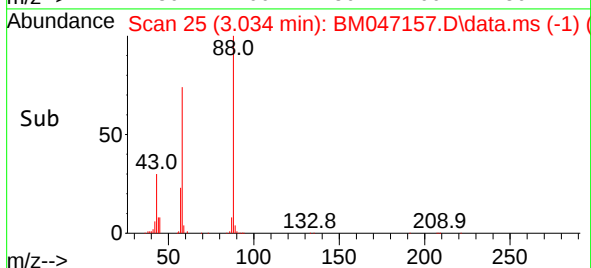
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024

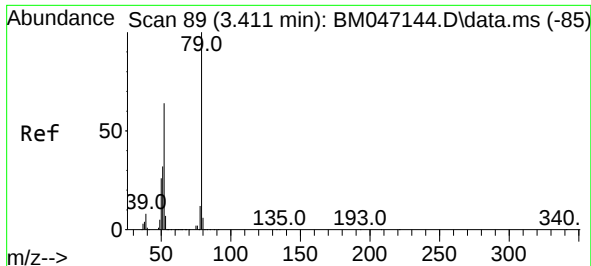


#2
1,4-Dioxane
Concen: 8.706 ng
RT: 3.034 min Scan# 25
Delta R.T. 0.000 min
Lab File: BM047157.D
Acq: 12 Aug 2024 15:05



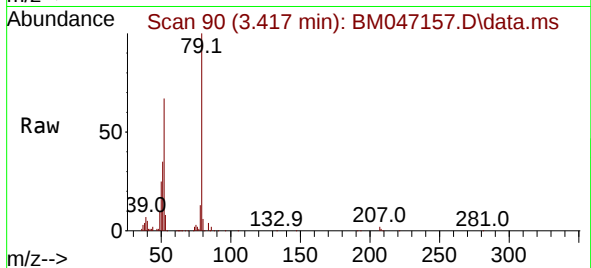
Tgt Ion: 88 Resp: 55514
Ion Ratio Lower Upper
88 100
58 71.6 58.2 87.4
43 31.6 22.5 33.7





#3
Pyridine
Concen: 7.644 ng
RT: 3.417 min Scan# 90
Delta R.T. 0.006 min
Lab File: BM047157.D
Acq: 12 Aug 2024 15:05

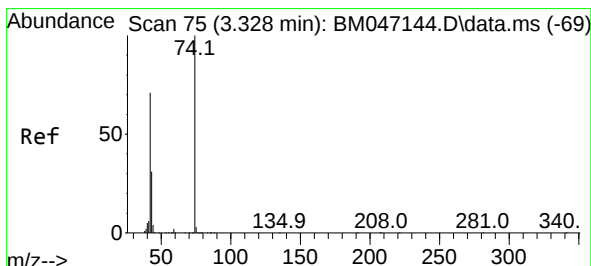
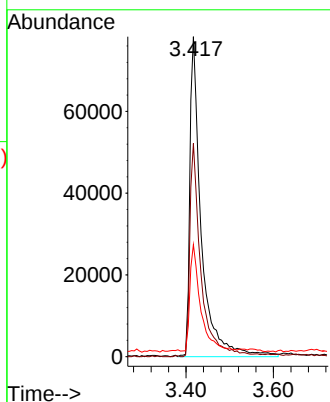
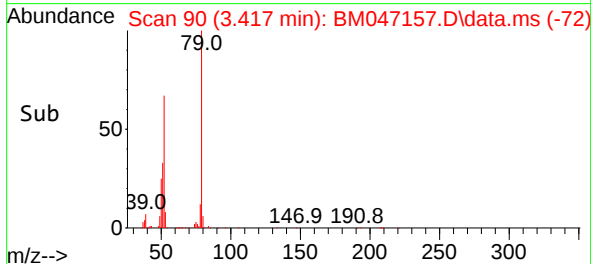
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



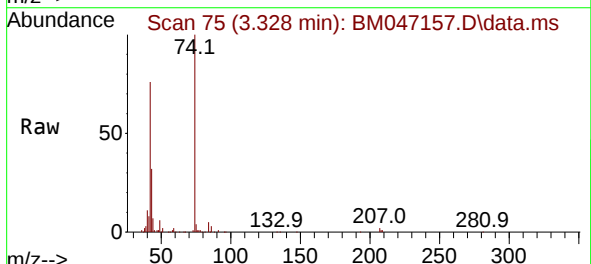
Tgt Ion: 79 Resp: 142924
Ion Ratio Lower Upper
79 100
52 66.7 51.2 76.8
51 35.0 26.1 39.1

Manual Integrations
APPROVED

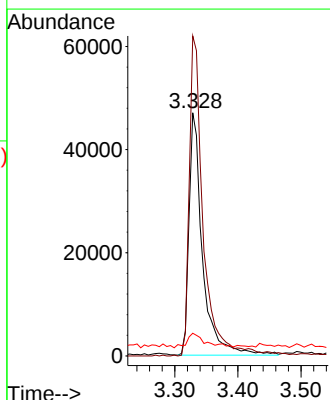
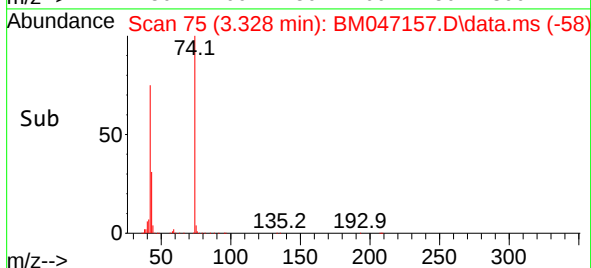
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024

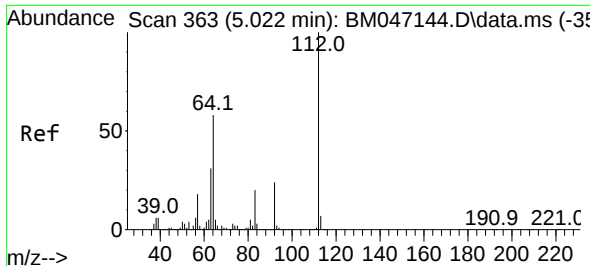


#4
n-Nitrosodimethylamine
Concen: 8.595 ng
RT: 3.328 min Scan# 75
Delta R.T. 0.000 min
Lab File: BM047157.D
Acq: 12 Aug 2024 15:05



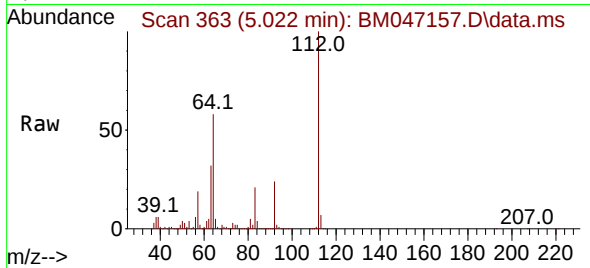
Tgt Ion: 42 Resp: 70213
Ion Ratio Lower Upper
42 100
74 131.5 112.9 169.3
44 9.4 5.3 7.9





#5
2-Fluorophenol
Concen: 135.745 ng
RT: 5.022 min Scan# 30
Delta R.T. 0.000 min
Lab File: BM047157.D
Acq: 12 Aug 2024 15:05

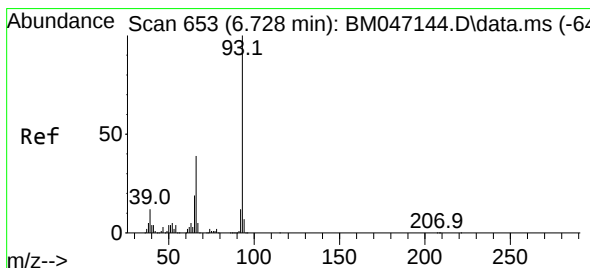
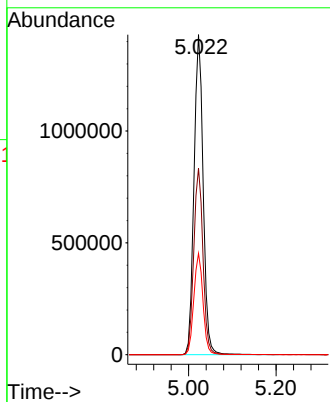
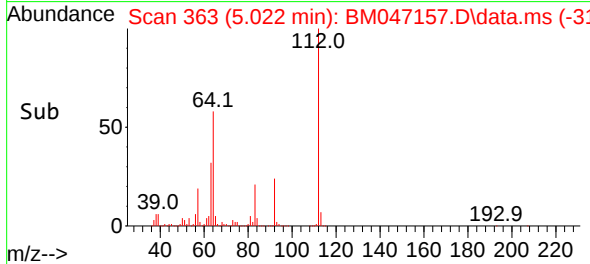
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



Tgt Ion:112 Resp: 208900
Ion Ratio Lower Upper
112 100
64 58.2 46.7 70.1
63 31.7 24.8 37.2

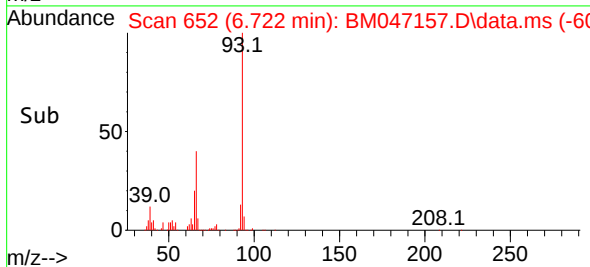
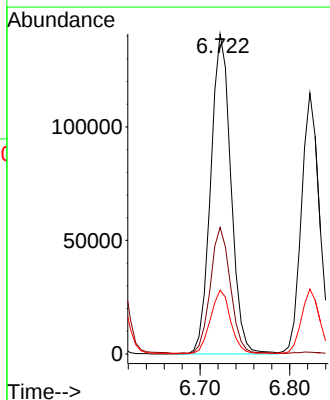
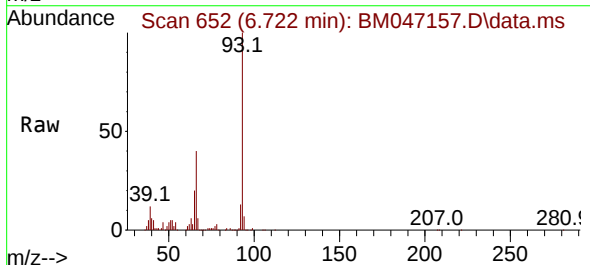
Manual Integrations
APPROVED

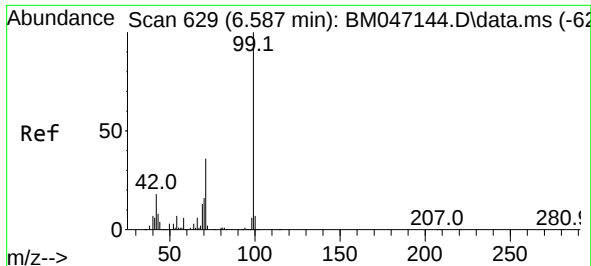
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#6
Aniline
Concen: 10.987 ng
RT: 6.722 min Scan# 652
Delta R.T. -0.006 min
Lab File: BM047157.D
Acq: 12 Aug 2024 15:05

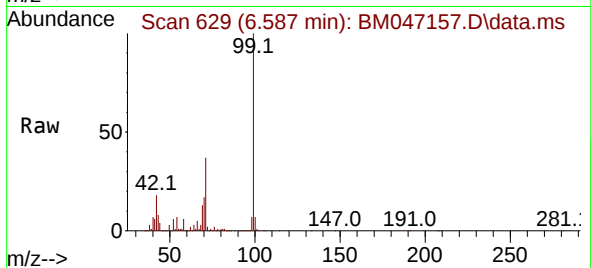
Tgt Ion: 93 Resp: 220199
Ion Ratio Lower Upper
93 100
66 39.5 31.4 47.2
65 20.0 15.6 23.4





#7
Phenol-d6
Concen: 137.952 ng
RT: 6.587 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM047157.D
Acq: 12 Aug 2024 15:05

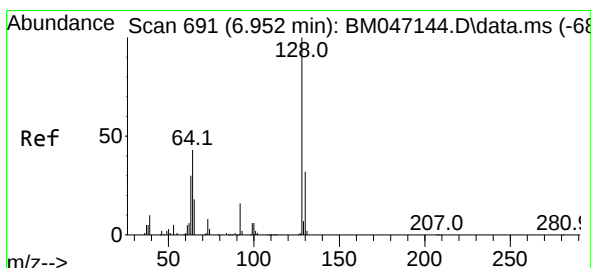
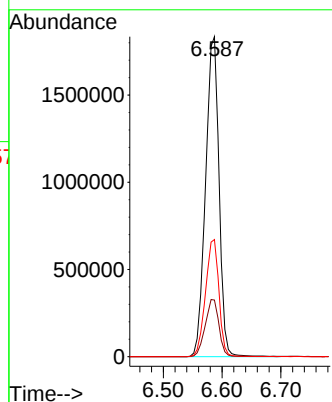
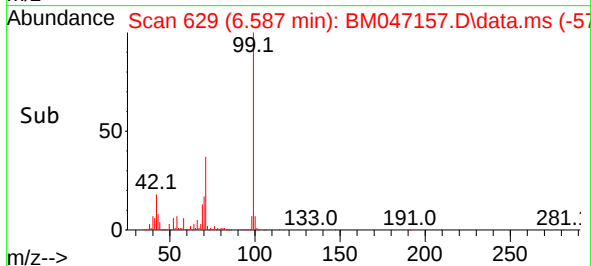
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



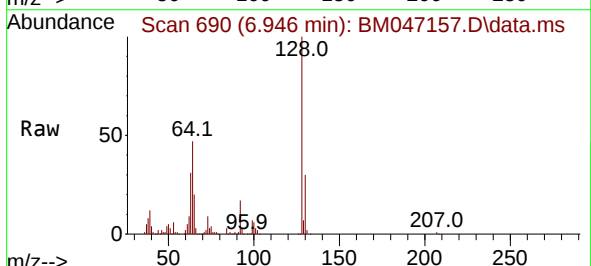
Tgt Ion: 99 Resp: 292525
Ion Ratio Lower Upper
99 100
42 17.7 14.1 21.1
71 36.6 28.5 42.7

Manual Integrations
APPROVED

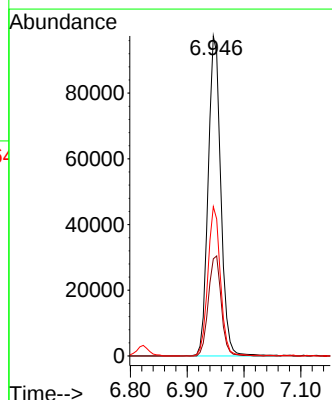
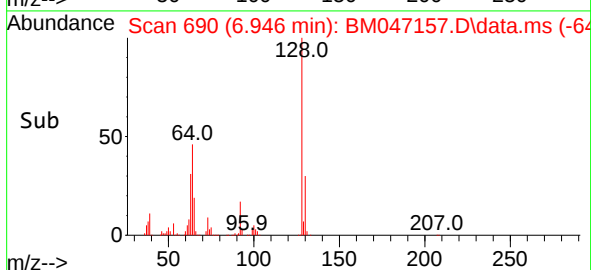
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024

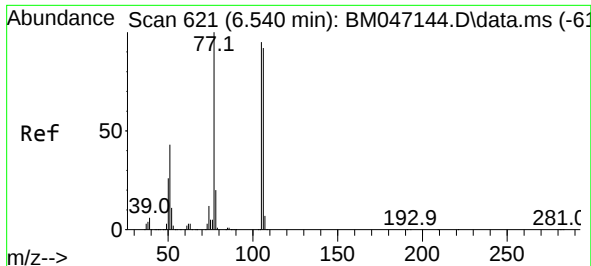


#8
2-Chlorophenol
Concen: 8.926 ng
RT: 6.946 min Scan# 690
Delta R.T. -0.006 min
Lab File: BM047157.D
Acq: 12 Aug 2024 15:05



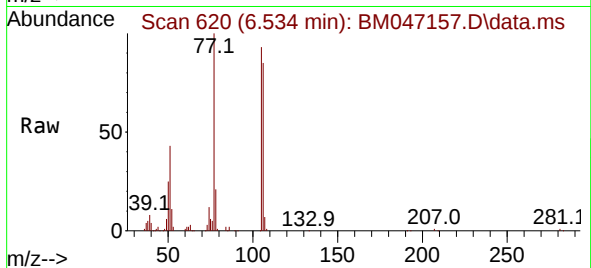
Tgt Ion:128 Resp: 149823
Ion Ratio Lower Upper
128 100
130 30.3 12.1 52.1
64 46.6 26.6 66.6





#9
Benzaldehyde
Concen: 9.147 ng m
RT: 6.534 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM047157.D
Acq: 12 Aug 2024 15:05

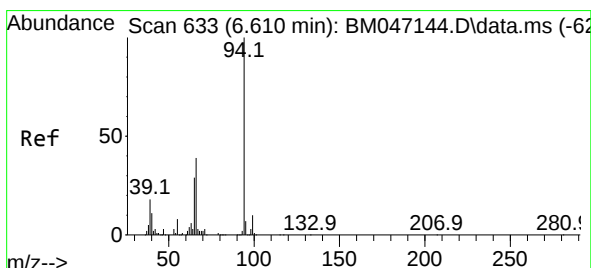
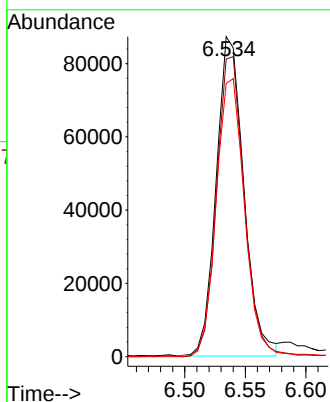
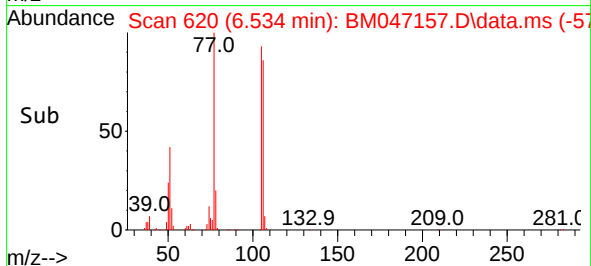
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



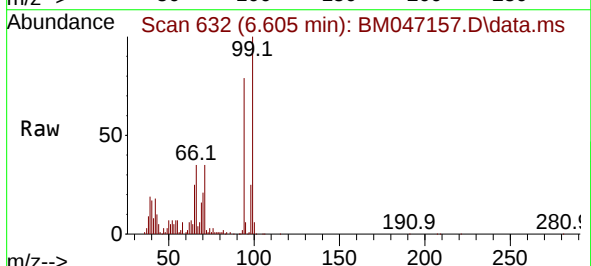
Tgt Ion: 77 Resp: 13837
Ion Ratio Lower Upper
77 100
105 93.0 74.5 114.5
106 85.4 72.3 112.3

Manual Integrations
APPROVED

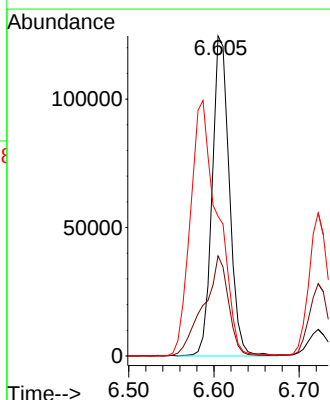
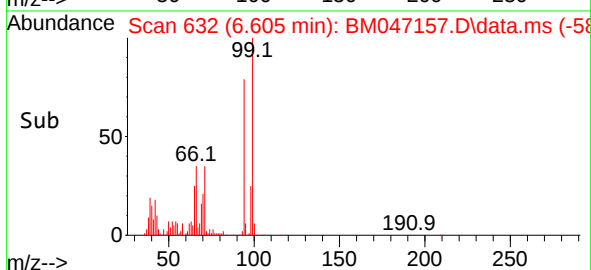
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024

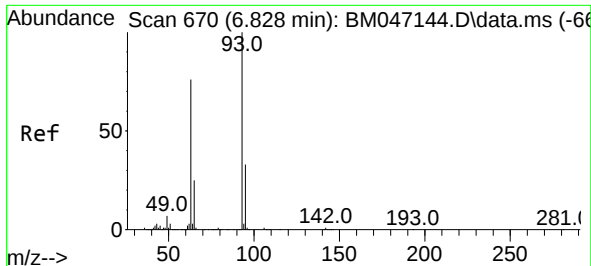


#10
Phenol
Concen: 8.241 ng
RT: 6.605 min Scan# 632
Delta R.T. -0.006 min
Lab File: BM047157.D
Acq: 12 Aug 2024 15:05



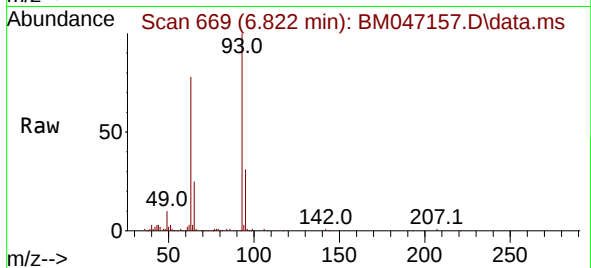
Tgt Ion: 94 Resp: 174362
Ion Ratio Lower Upper
94 100
65 31.3 9.0 49.0
66 43.6 18.9 58.9





#11
bis(2-Chloroethyl)ether
Concen: 8.913 ng
RT: 6.822 min Scan# 669
Delta R.T. -0.006 min
Lab File: BM047157.D
Acq: 12 Aug 2024 15:05

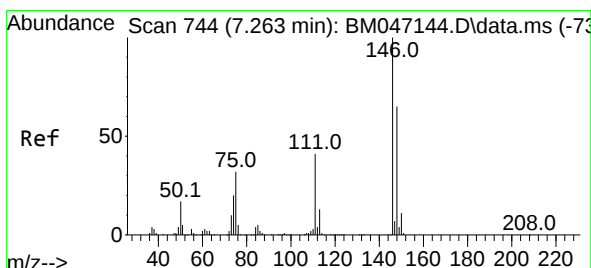
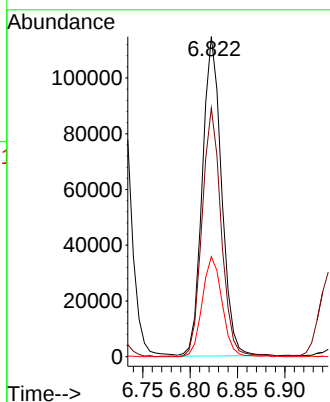
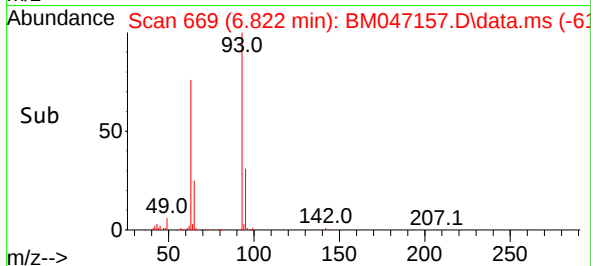
Instrument : BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



Tgt Ion: 93 Resp: 161500
Ion Ratio Lower Upper
93 100
63 77.7 55.8 95.8
95 31.2 12.7 52.7

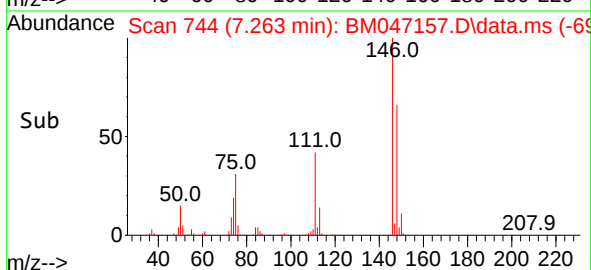
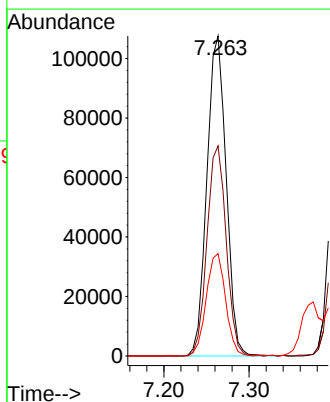
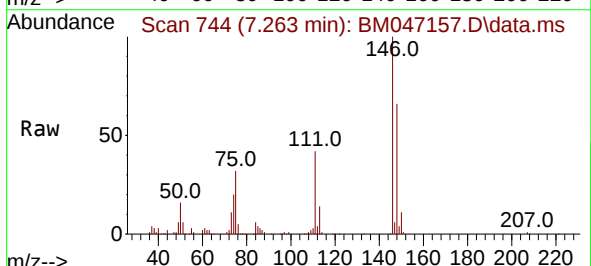
Manual Integrations
APPROVED

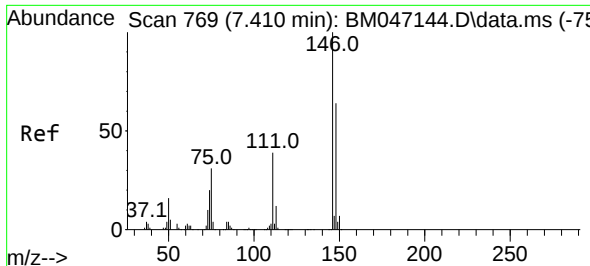
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#12
1,3-Dichlorobenzene
Concen: 8.452 ng
RT: 7.263 min Scan# 744
Delta R.T. 0.000 min
Lab File: BM047157.D
Acq: 12 Aug 2024 15:05

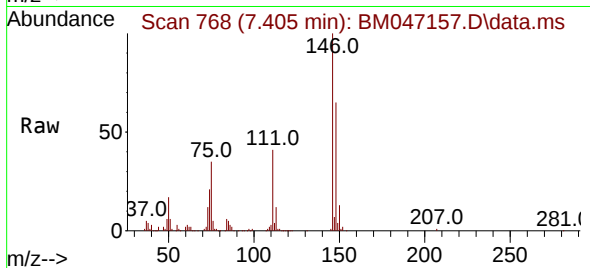
Tgt Ion:146 Resp: 168574
Ion Ratio Lower Upper
146 100
148 65.7 52.3 78.5
75 32.0 25.8 38.6





#13
1,4-Dichlorobenzene
Concen: 8.554 ng
RT: 7.405 min Scan# 769
Delta R.T. -0.006 min
Lab File: BM047157.D
Acq: 12 Aug 2024 15:05

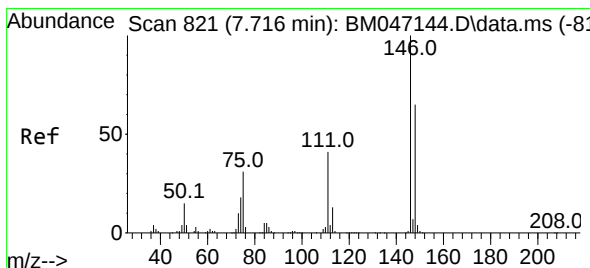
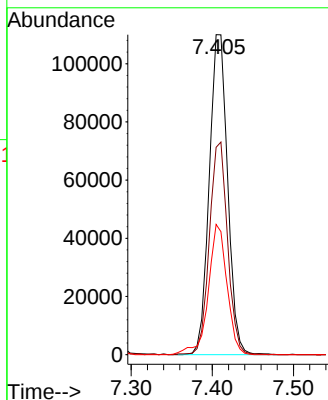
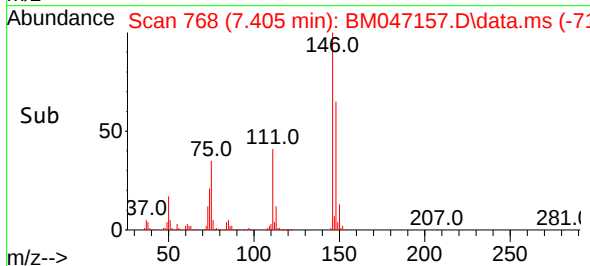
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



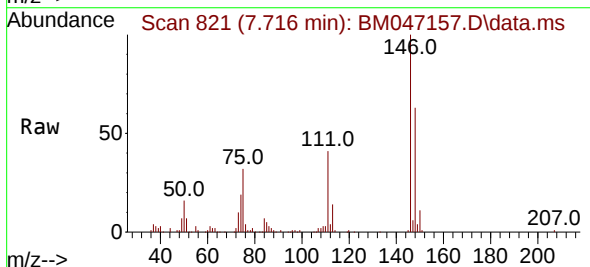
Tgt Ion:146 Resp: 17274
Ion Ratio Lower Upper
146 100
148 64.8 51.4 77.2
111 40.7 31.5 47.3

Manual Integrations
APPROVED

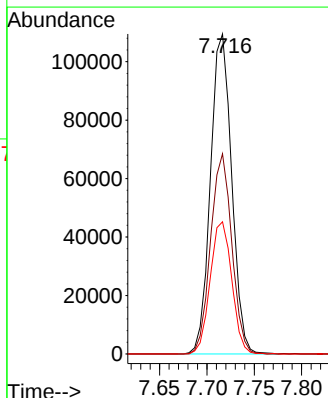
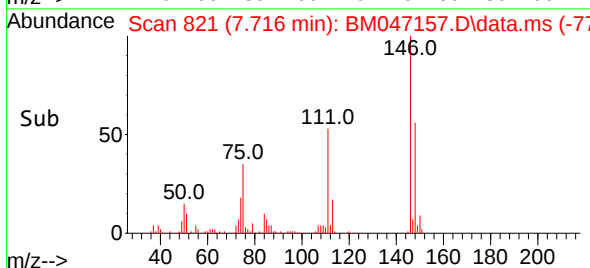
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024

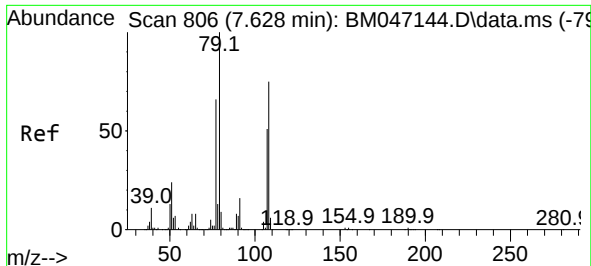


#14
1,2-Dichlorobenzene
Concen: 8.940 ng
RT: 7.716 min Scan# 821
Delta R.T. 0.000 min
Lab File: BM047157.D
Acq: 12 Aug 2024 15:05



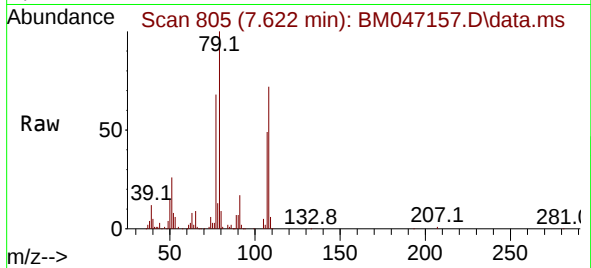
Tgt Ion:146 Resp: 170338
Ion Ratio Lower Upper
146 100
148 62.6 51.8 77.8
111 41.3 33.3 49.9





#15
Benzyl Alcohol
Concen: 9.653 ng
RT: 7.622 min Scan# 806
Delta R.T. -0.006 min
Lab File: BM047157.D
Acq: 12 Aug 2024 15:05

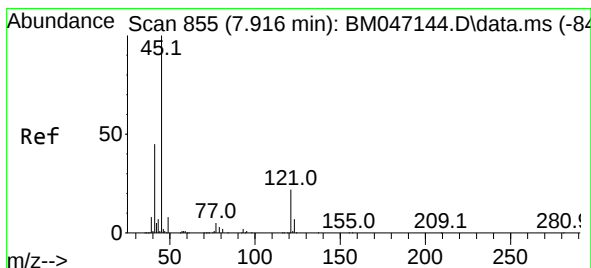
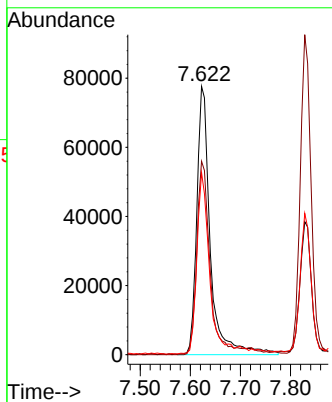
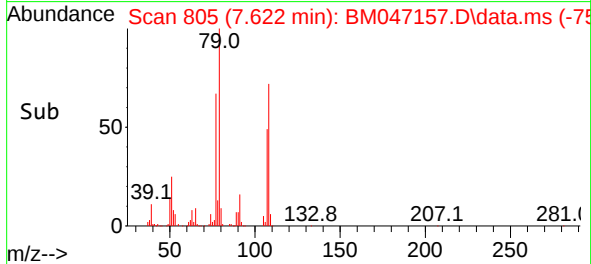
Instrument : BNA_M
ClientSampleId : LOD-MDL-WATER-01-QT3-2024



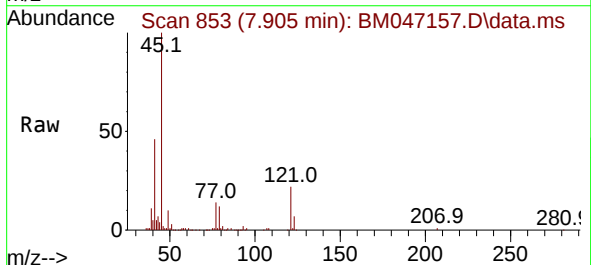
Tgt Ion: 79 Resp: 14568
Ion Ratio Lower Upper
79 100
108 72.1 59.7 89.5
77 67.8 52.9 79.3

Manual Integrations
APPROVED

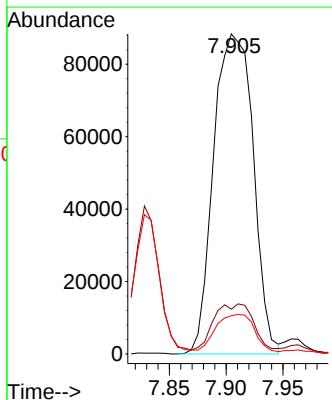
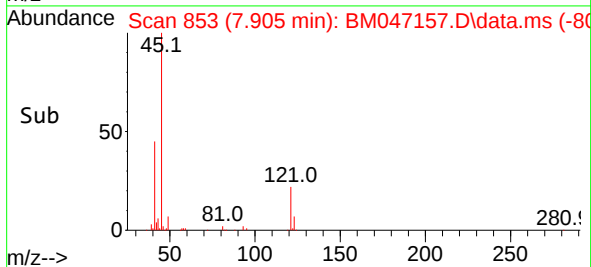
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024

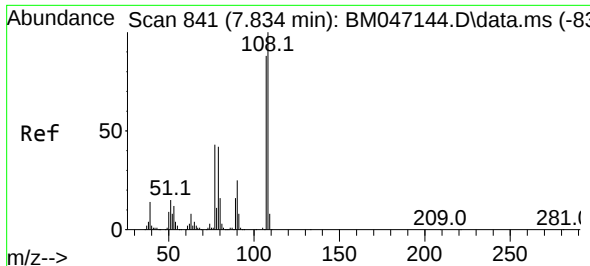


#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.217 ng
RT: 7.905 min Scan# 853
Delta R.T. -0.012 min
Lab File: BM047157.D
Acq: 12 Aug 2024 15:05



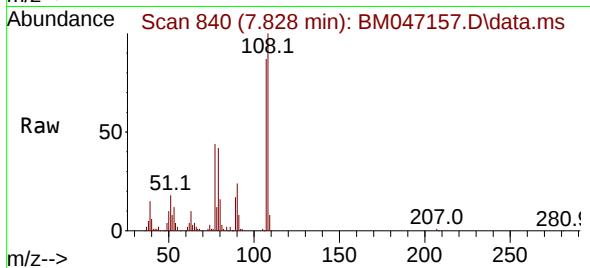
Tgt Ion: 45 Resp: 214299
Ion Ratio Lower Upper
45 100
77 14.0 0.0 35.6
79 12.0 0.0 32.4





#17
2-Methylphenol
Concen: 8.592 ng
RT: 7.828 min Scan# 841
Delta R.T. -0.006 min
Lab File: BM047157.D
Acq: 12 Aug 2024 15:05

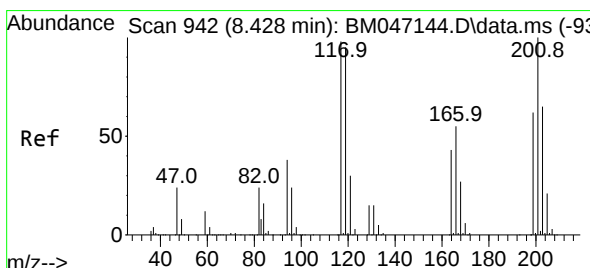
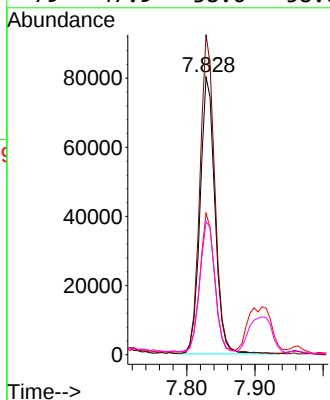
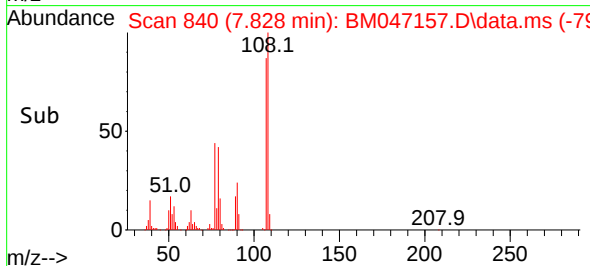
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



Tgt Ion:107 Resp: 12128
Ion Ratio Lower Upper
107 100
108 115.3 90.6 135.8
77 50.9 39.3 58.9
79 47.9 38.6 58.0

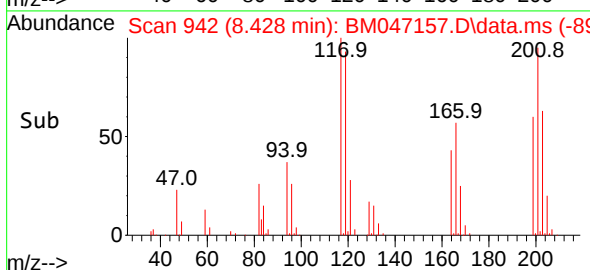
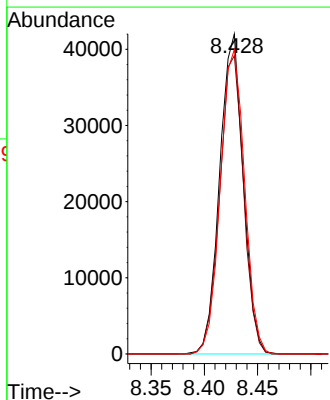
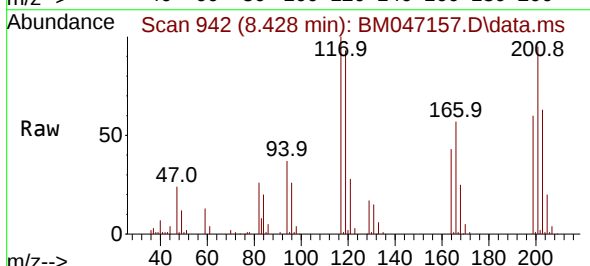
Manual Integrations
APPROVED

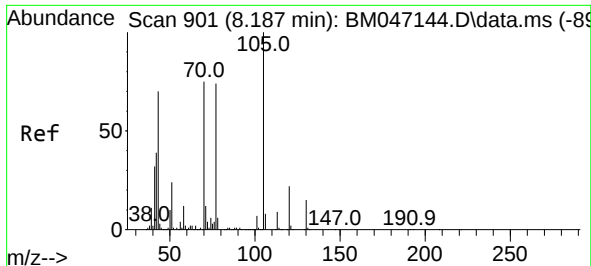
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#18
Hexachloroethane
Concen: 8.240 ng
RT: 8.428 min Scan# 942
Delta R.T. 0.000 min
Lab File: BM047157.D
Acq: 12 Aug 2024 15:05

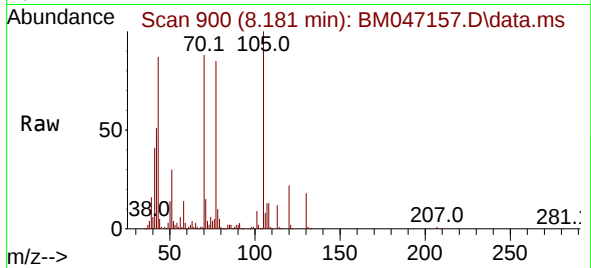
Tgt Ion:117 Resp: 64453
Ion Ratio Lower Upper
117 100
119 93.2 77.0 115.4
201 95.2 81.3 121.9





#19
n-Nitroso-di-n-propylamine
Concen: 9.364 ng
RT: 8.181 min Scan# 901
Delta R.T. -0.006 min
Lab File: BM047157.D
Acq: 12 Aug 2024 15:05

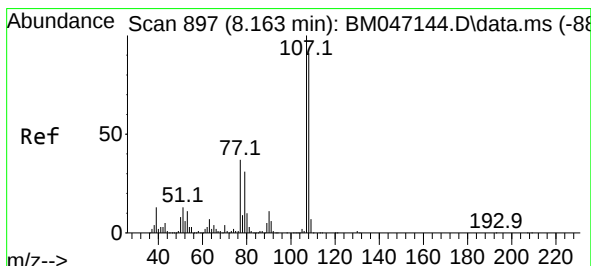
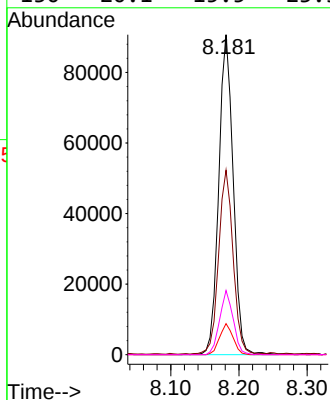
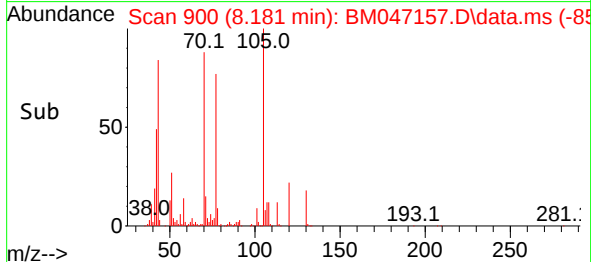
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



Tgt Ion: 70 Resp: 13374
Ion Ratio Lower Upper
70 100
42 57.7 42.0 63.0
101 9.7 7.2 10.8
130 20.1 15.5 23.3

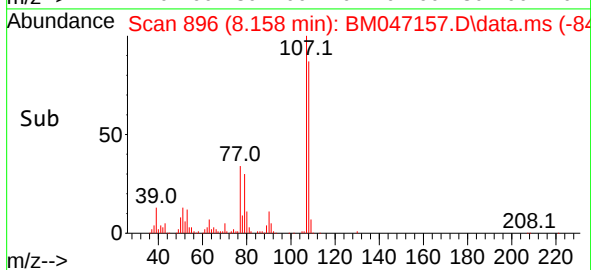
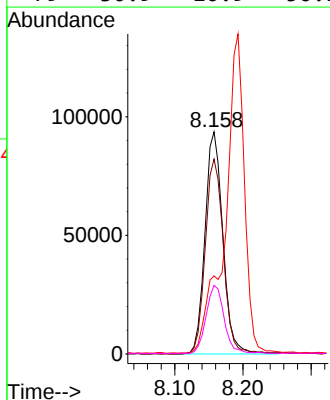
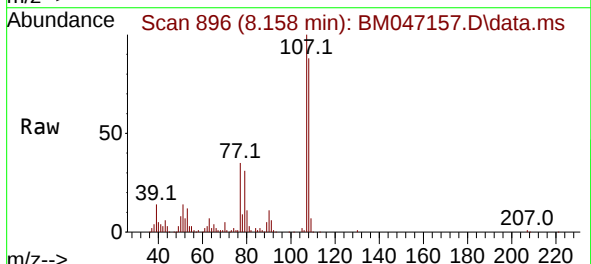
Manual Integrations
APPROVED

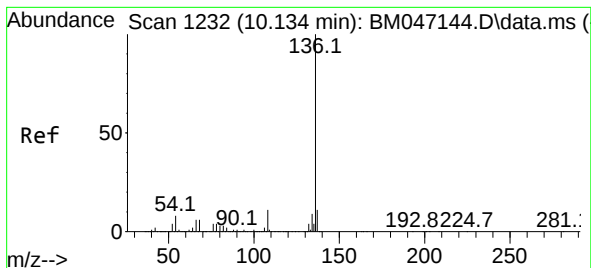
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#20
3+4-Methylphenols
Concen: 8.653 ng
RT: 8.158 min Scan# 896
Delta R.T. -0.006 min
Lab File: BM047157.D
Acq: 12 Aug 2024 15:05

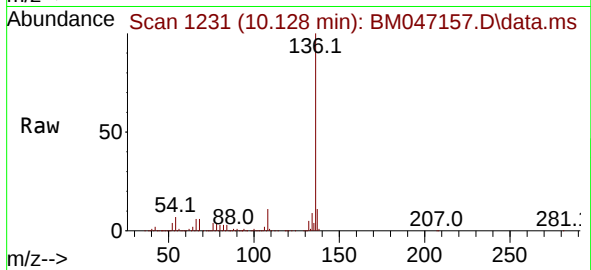
Tgt Ion:107 Resp: 170770
Ion Ratio Lower Upper
107 100
108 87.8 70.7 110.7
77 35.2 17.4 57.4
79 30.9 10.9 50.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.128 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BM047157.D
Acq: 12 Aug 2024 15:05

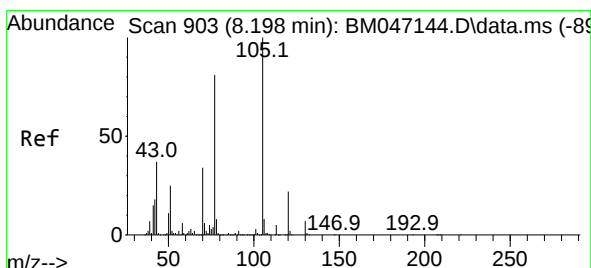
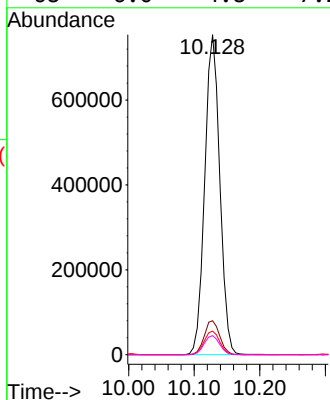
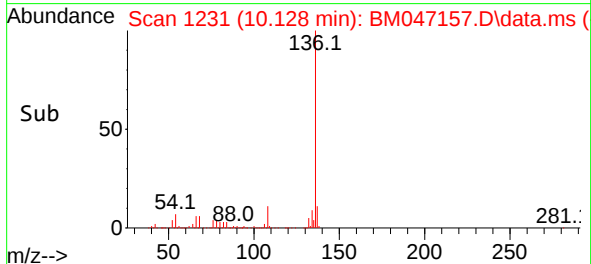
Instrument : BNA_M
ClientSampleId : LOD-MDL-WATER-01-QT3-2024



Tgt Ion:136 Resp: 1204399
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 7.4 6.0 9.0
68 6.0 4.8 7.2

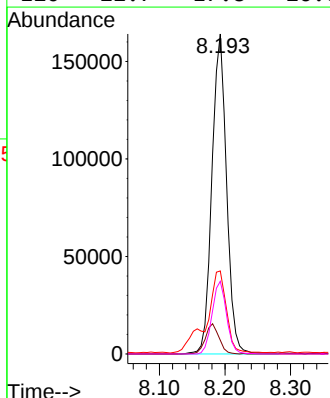
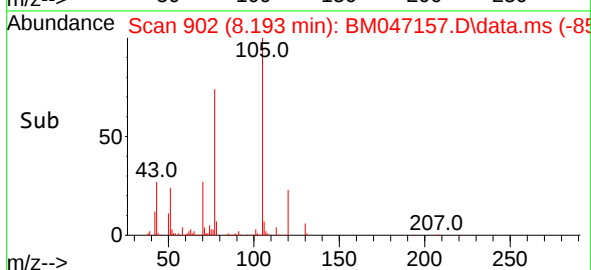
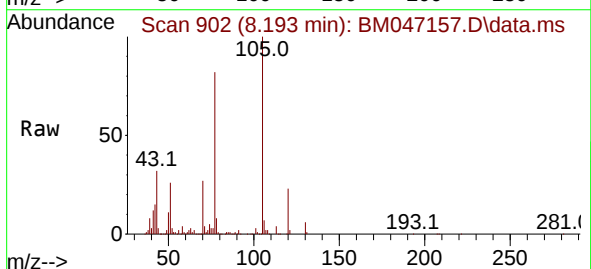
Manual Integrations
APPROVED

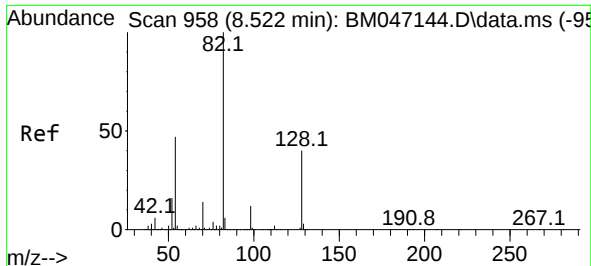
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#22
Acetophenone
Concen: 8.756 ng
RT: 8.193 min Scan# 902
Delta R.T. -0.006 min
Lab File: BM047157.D
Acq: 12 Aug 2024 15:05

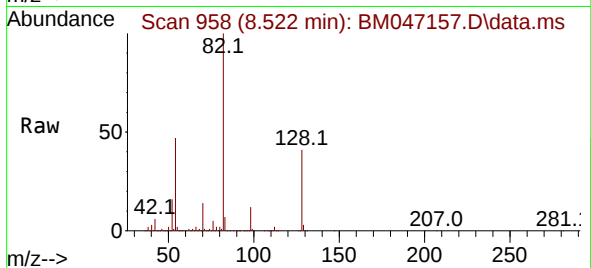
Tgt Ion:105 Resp: 254547
Ion Ratio Lower Upper
105 100
71 4.3 4.5 6.7#
51 26.0 20.1 30.1
120 22.7 17.8 26.6





#23
Nitrobenzene-d5
Concen: 83.967 ng
RT: 8.522 min Scan# 958
Delta R.T. 0.000 min
Lab File: BM047157.D
Acq: 12 Aug 2024 15:05

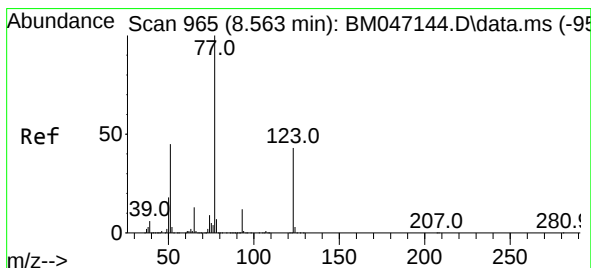
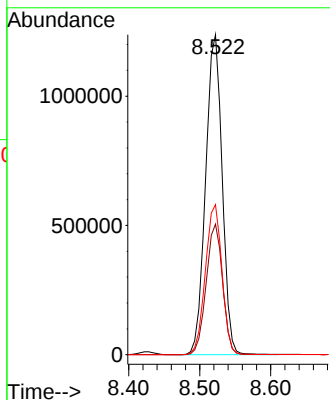
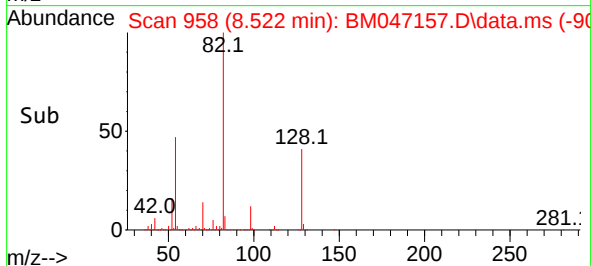
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



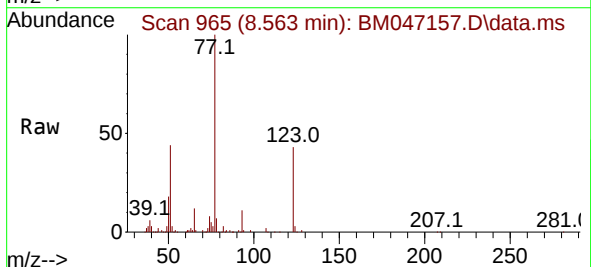
Tgt Ion: 82 Resp: 200839
Ion Ratio Lower Upper
82 100
128 40.8 32.3 48.5
54 46.9 37.4 56.2

Manual Integrations
APPROVED

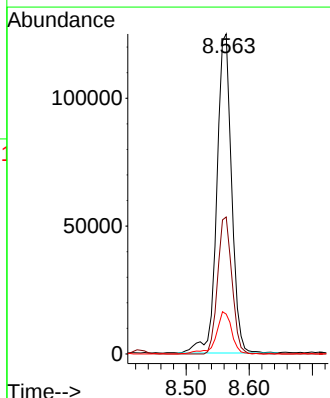
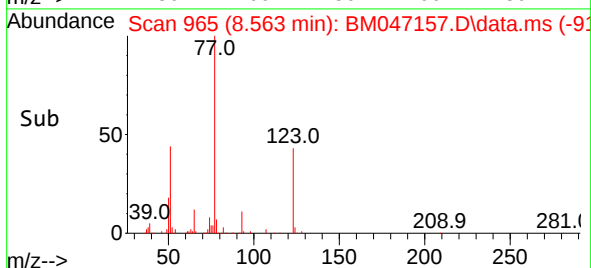
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024

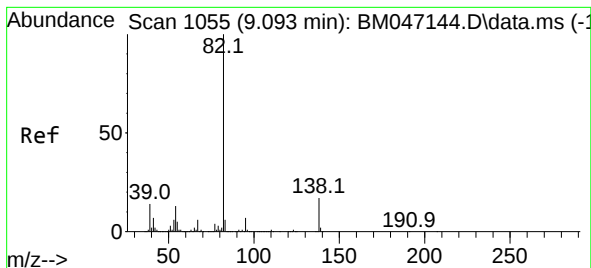


#24
Nitrobenzene
Concen: 8.413 ng
RT: 8.563 min Scan# 965
Delta R.T. 0.000 min
Lab File: BM047157.D
Acq: 12 Aug 2024 15:05



Tgt Ion: 77 Resp: 202638
Ion Ratio Lower Upper
77 100
123 42.8 34.0 51.0
65 12.5 10.5 15.7





#25

Isophorone

Concen: 8.759 ng

RT: 9.087 min Scan# 1054

Delta R.T. -0.006 min

Lab File: BM047157.D

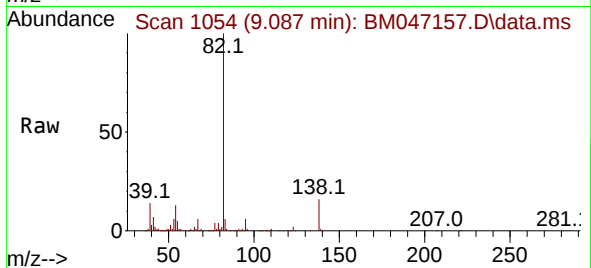
Acq: 12 Aug 2024 15:05

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024



Tgt Ion: 82 Resp: 36480

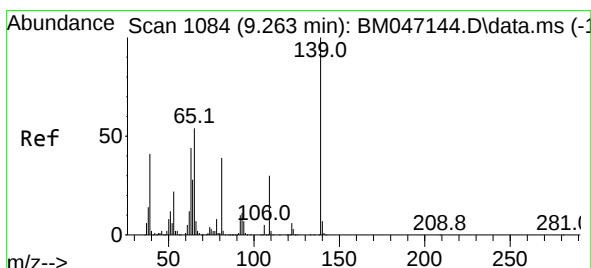
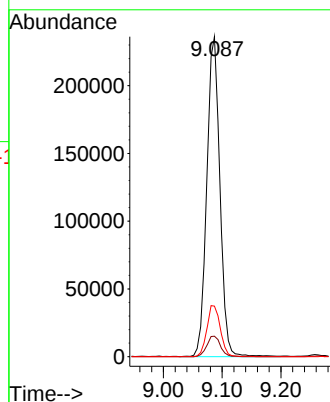
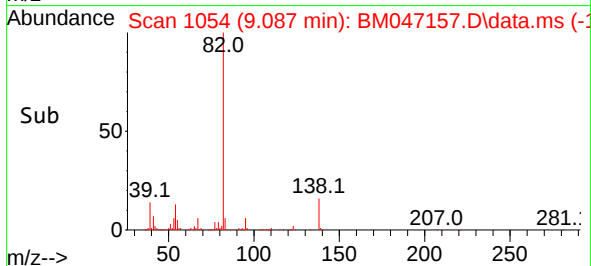
Ion	Ratio	Lower	Upper
82	100		
95	6.4	5.5	8.3
138	15.8	13.5	20.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/14/2024



#26

2-Nitrophenol

Concen: 7.369 ng

RT: 9.263 min Scan# 1084

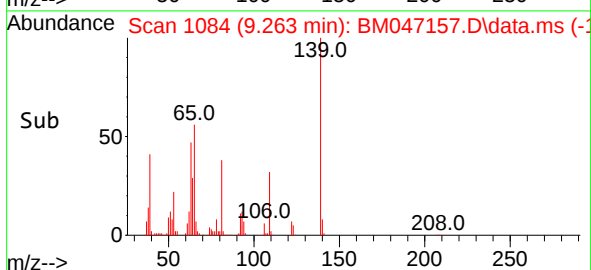
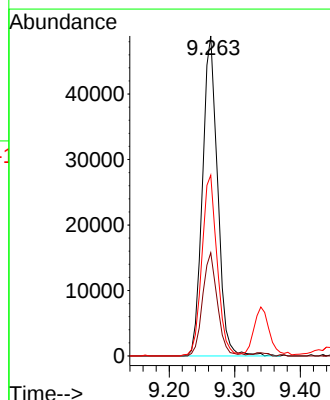
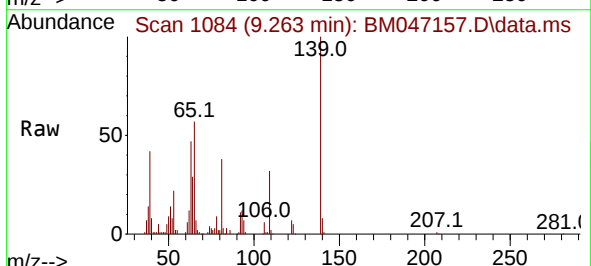
Delta R.T. 0.000 min

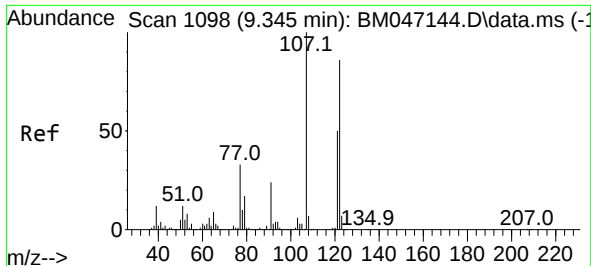
Lab File: BM047157.D

Acq: 12 Aug 2024 15:05

Tgt Ion:139 Resp: 78596

Ion	Ratio	Lower	Upper
139	100		
109	32.3	24.4	36.6
65	56.5	43.0	64.6





#27

2,4-Dimethylphenol

Concen: 8.320 ng

RT: 9.340 min Scan# 1098

Delta R.T. -0.006 min

Lab File: BM047157.D

Acq: 12 Aug 2024 15:05

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024

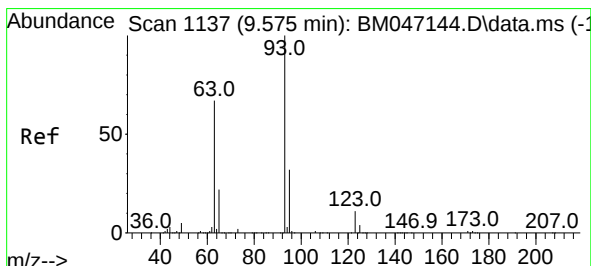
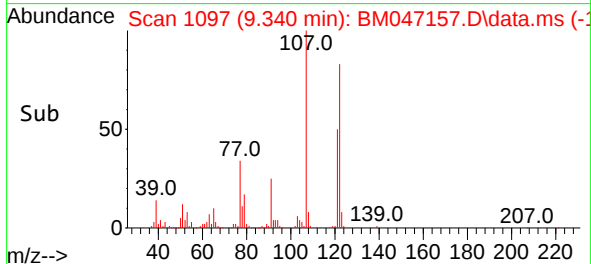
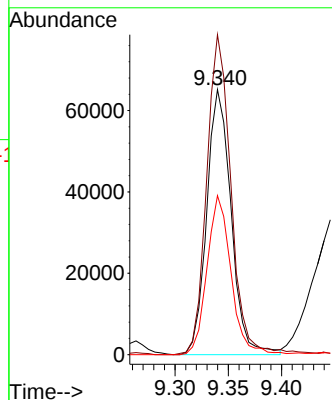
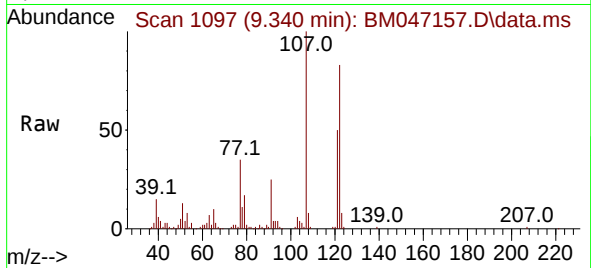
Tgt Ion:	122	Resp:	103949
Ion	Ratio	Lower	Upper
122	100		
107	120.7	92.8	139.2
121	60.0	46.1	69.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/14/2024



#28

bis(2-Chloroethoxy)methane

Concen: 8.521 ng

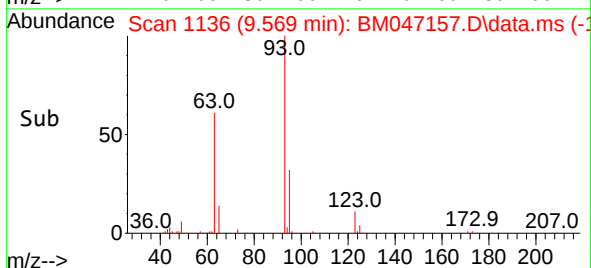
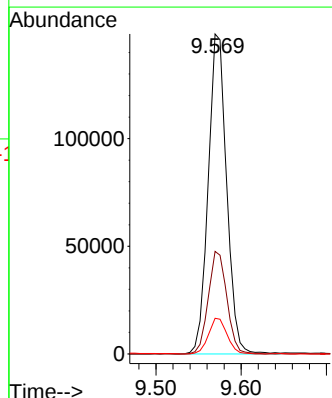
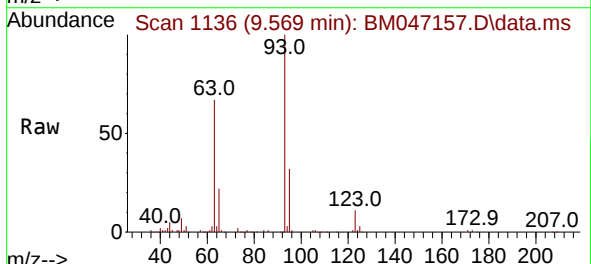
RT: 9.569 min Scan# 1136

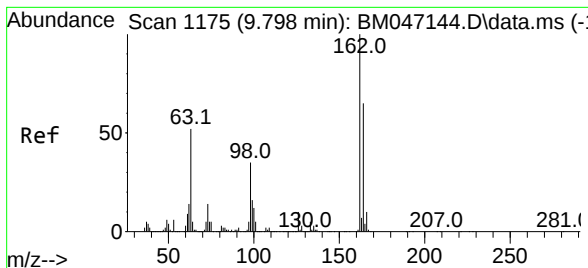
Delta R.T. -0.006 min

Lab File: BM047157.D

Acq: 12 Aug 2024 15:05

Tgt Ion:	93	Resp:	223293
Ion	Ratio	Lower	Upper
93	100		
95	32.1	25.8	38.8
123	11.2	9.0	13.4





#29

2,4-Dichlorophenol

Concen: 7.979 ng

RT: 9.793 min Scan# 1174

Delta R.T. -0.006 min

Lab File: BM047157.D

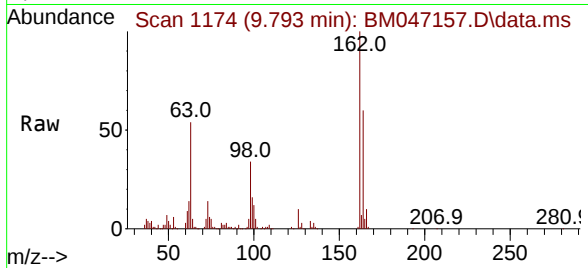
Acq: 12 Aug 2024 15:05

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024



Tgt Ion:162 Resp: 14792

Ion Ratio Lower Upper

162 100

164 60.3 44.7 84.7

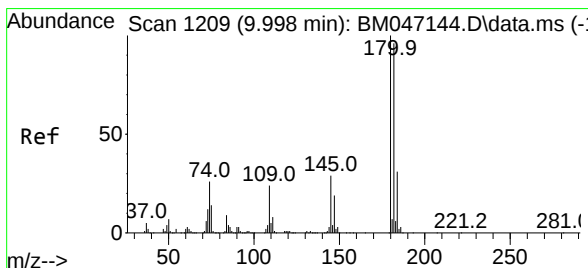
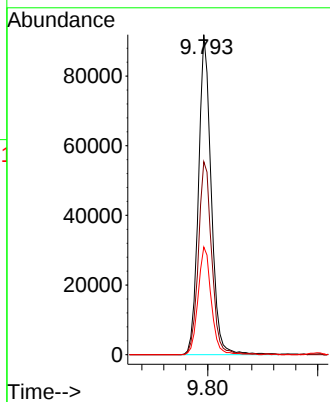
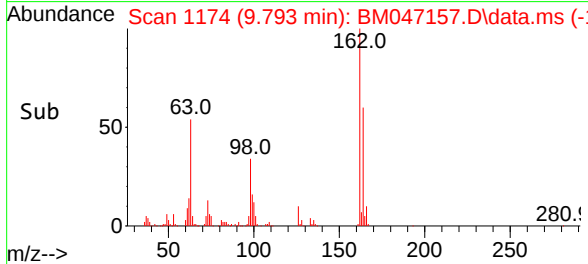
98 33.7 14.9 54.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/14/2024



#30

1,2,4-Trichlorobenzene

Concen: 7.978 ng

RT: 9.999 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BM047157.D

Acq: 12 Aug 2024 15:05

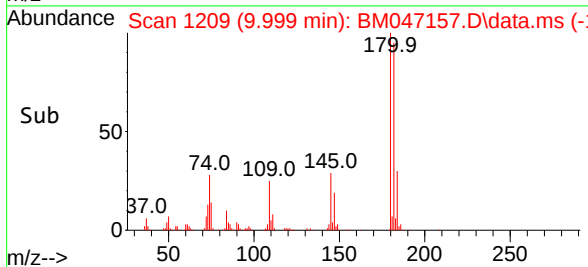
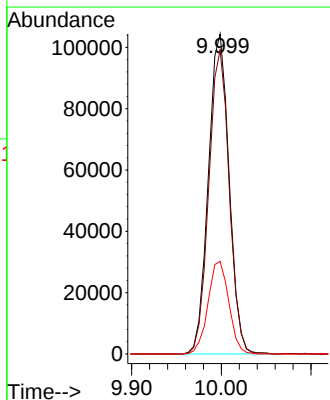
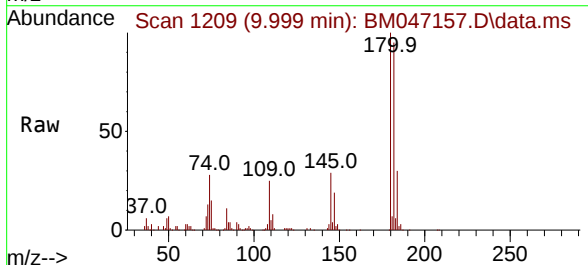
Tgt Ion:180 Resp: 167372

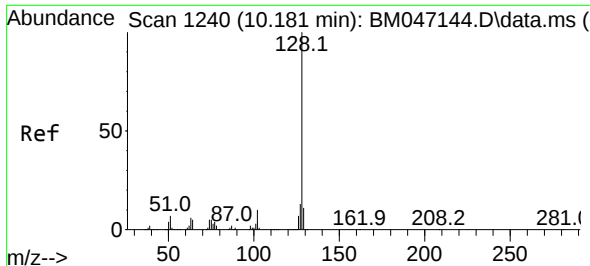
Ion Ratio Lower Upper

180 100

182 95.1 76.6 115.0

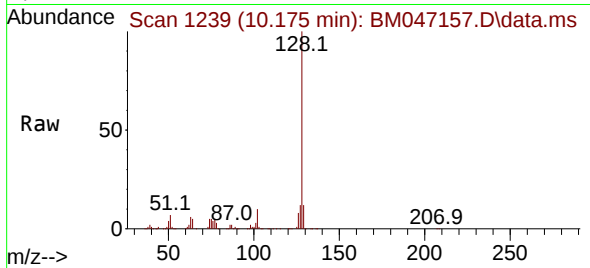
145 29.0 23.4 35.2





#31
Naphthalene
Concen: 8.297 ng
RT: 10.175 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BM047157.D
Acq: 12 Aug 2024 15:05

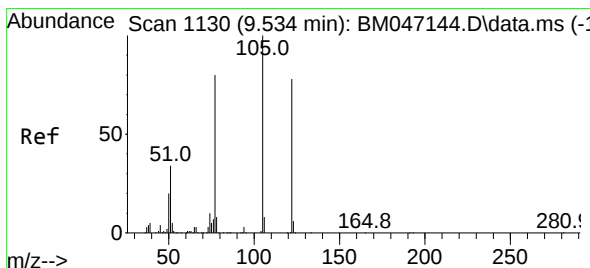
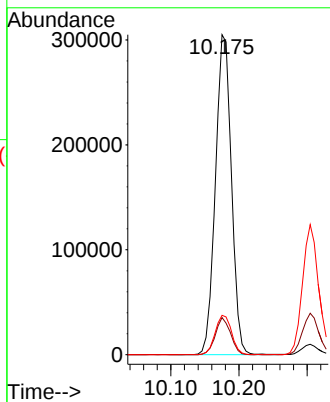
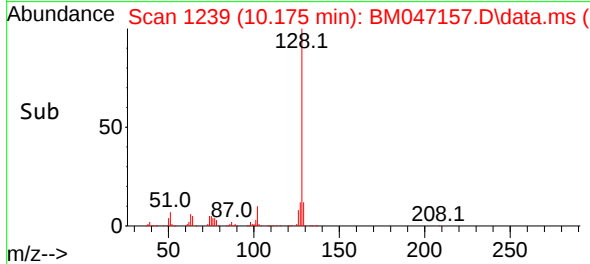
Instrument : BNA_M
ClientSampleId : LOD-MDL-WATER-01-QT3-2024



Tgt Ion:128 Resp: 497839
Ion Ratio Lower Upper
128 100
129 11.6 8.6 13.0
127 12.3 10.2 15.4

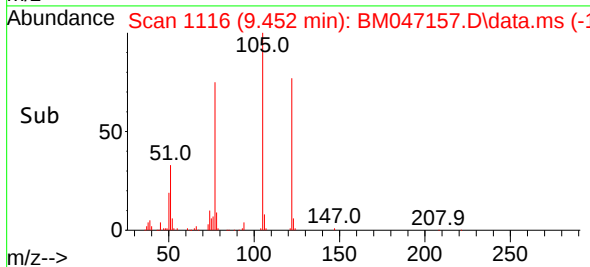
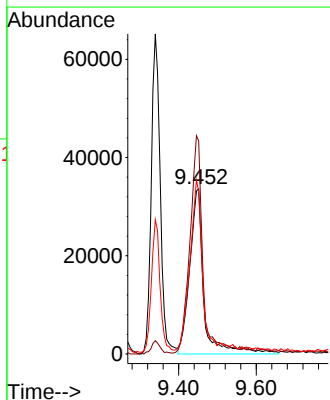
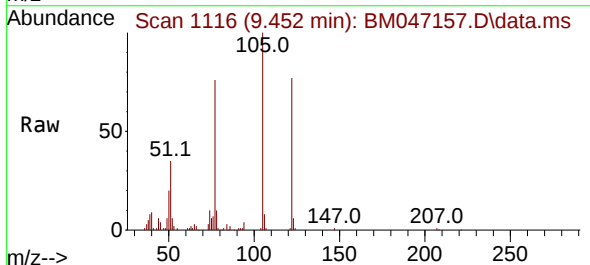
Manual Integrations
APPROVED

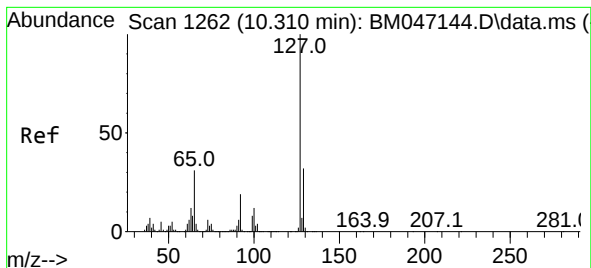
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#32
Benzoic acid
Concen: 5.807 ng m
RT: 9.452 min Scan# 1116
Delta R.T. -0.082 min
Lab File: BM047157.D
Acq: 12 Aug 2024 15:05

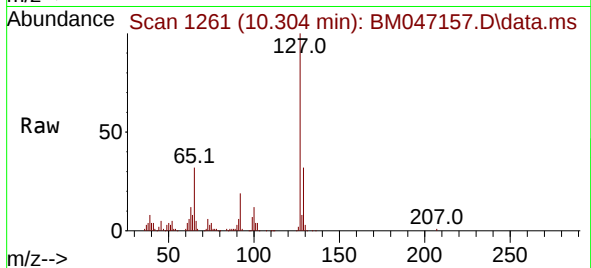
Tgt Ion:122 Resp: 84295
Ion Ratio Lower Upper
122 100
105 129.1 107.1 147.1
77 98.3 82.1 122.1





#33
4-Chloroaniline
Concen: 9.124 ng
RT: 10.304 min Scan# 1261
Delta R.T. -0.006 min
Lab File: BM047157.D
Acq: 12 Aug 2024 15:05

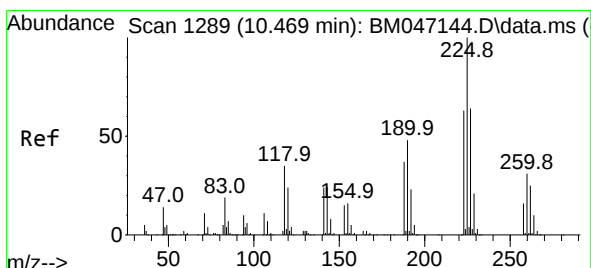
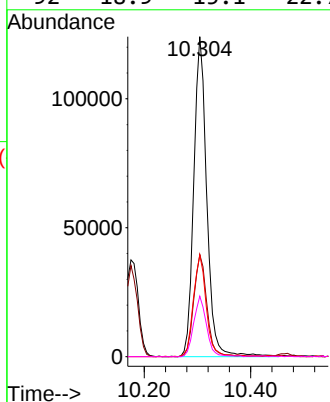
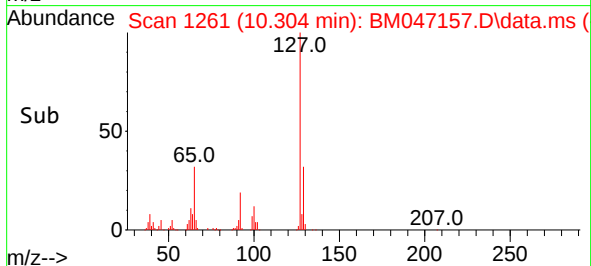
Instrument : BNA_M
ClientSampleId : LOD-MDL-WATER-01-QT3-2024



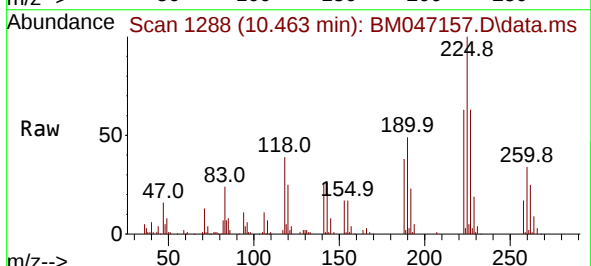
Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.8	38.8
65	31.8	24.9	37.3
92	18.9	15.1	22.7

Manual Integrations
APPROVED

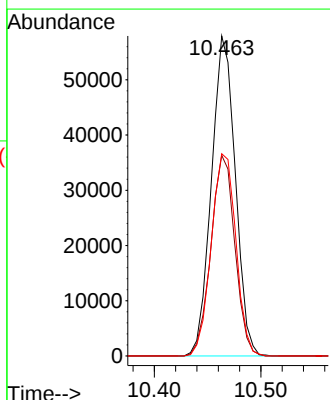
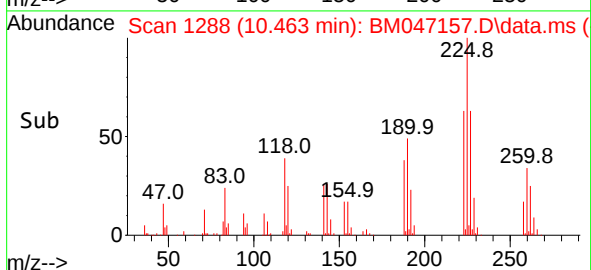
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024

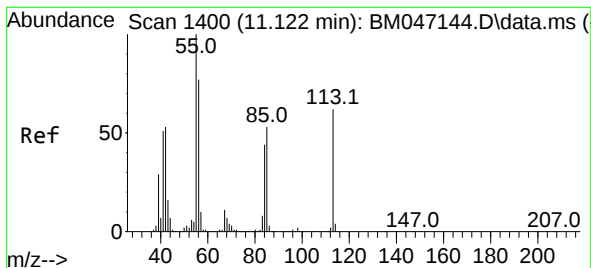


#34
Hexachlorobutadiene
Concen: 7.344 ng
RT: 10.463 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BM047157.D
Acq: 12 Aug 2024 15:05



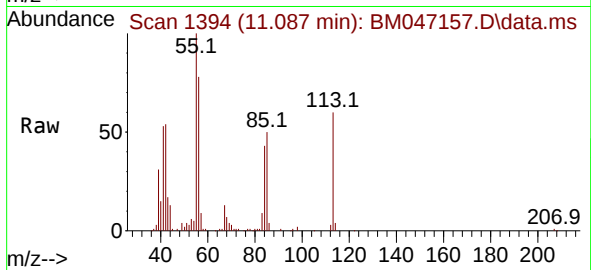
Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.2	75.2
227	63.2	51.4	77.0





#35
 Caprolactam
 Concen: 8.225 ng
 RT: 11.087 min Scan# 113
 Delta R.T. -0.035 min
 Lab File: BM047157.D
 Acq: 12 Aug 2024 15:05

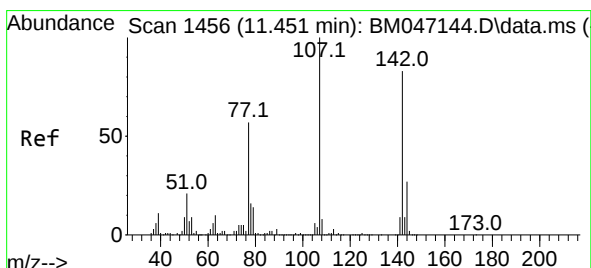
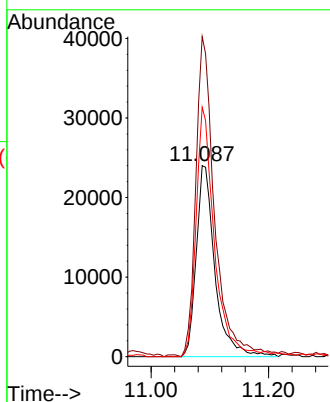
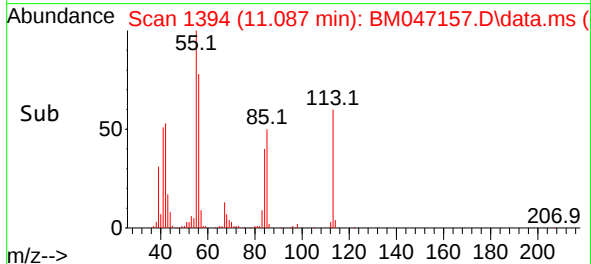
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2024



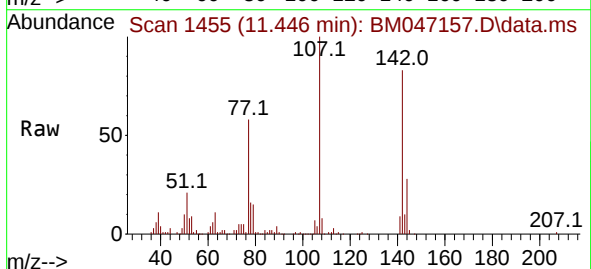
Tgt Ion:113 Resp: 52954
 Ion Ratio Lower Upper
 113 100
 55 167.5 140.5 180.5
 56 130.6 103.6 143.6

Manual Integrations
 APPROVED

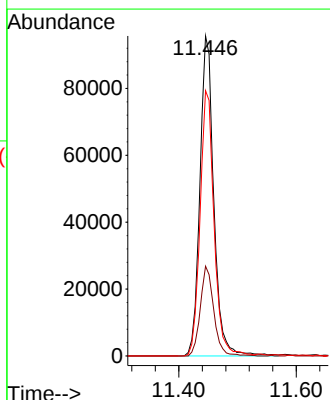
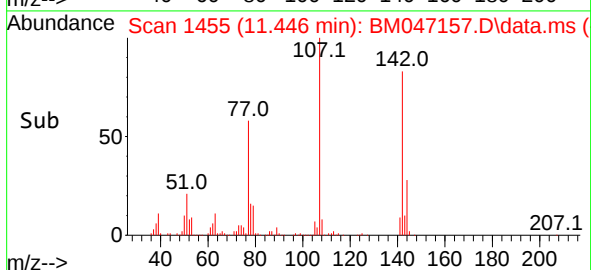
Reviewed By :Yogesh Patel 08/13/2024
 Supervised By :mohammad ahmed 08/14/2024

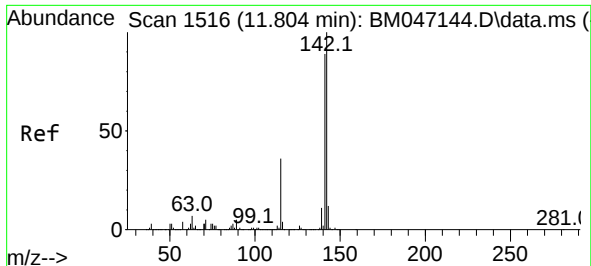


#36
 4-Chloro-3-methylphenol
 Concen: 7.944 ng
 RT: 11.446 min Scan# 1455
 Delta R.T. -0.006 min
 Lab File: BM047157.D
 Acq: 12 Aug 2024 15:05



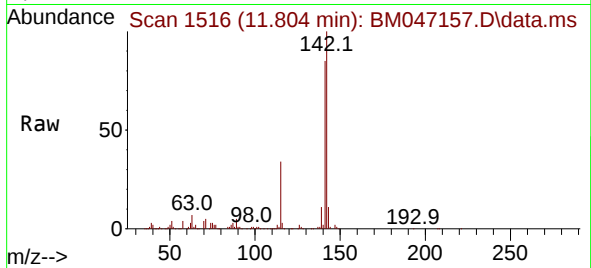
Tgt Ion:107 Resp: 156842
 Ion Ratio Lower Upper
 107 100
 144 28.1 21.8 32.6
 142 82.9 66.8 100.2





#37
2-Methylnaphthalene
Concen: 8.229 ng
RT: 11.804 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BM047157.D
Acq: 12 Aug 2024 15:05

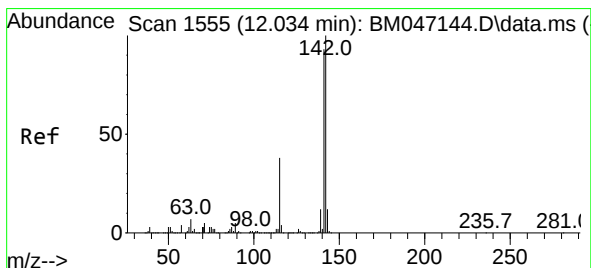
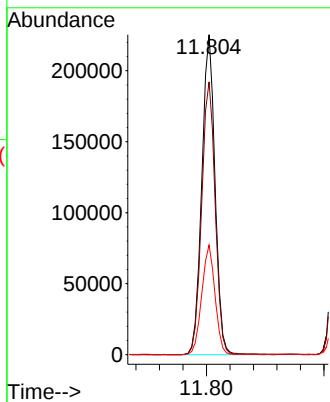
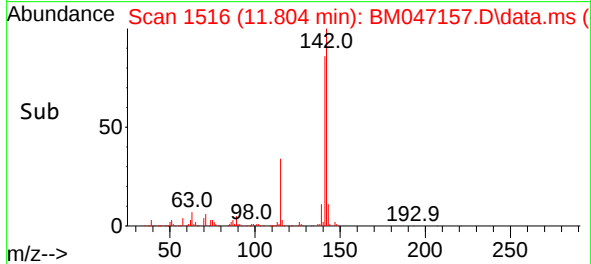
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



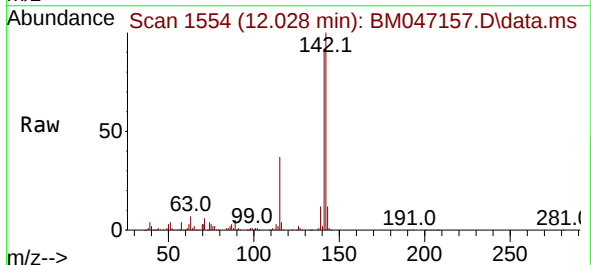
Tgt Ion:142 Resp: 351520
Ion Ratio Lower Upper
142 100
141 85.3 70.9 106.3
115 34.3 28.7 43.1

Manual Integrations
APPROVED

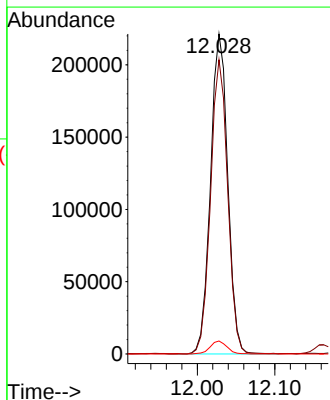
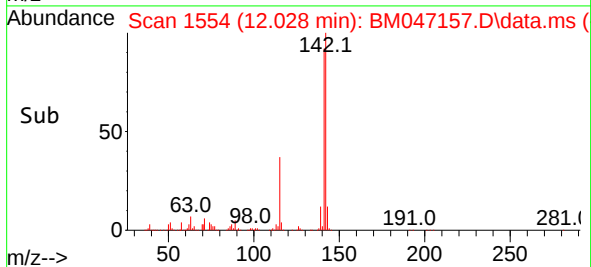
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024

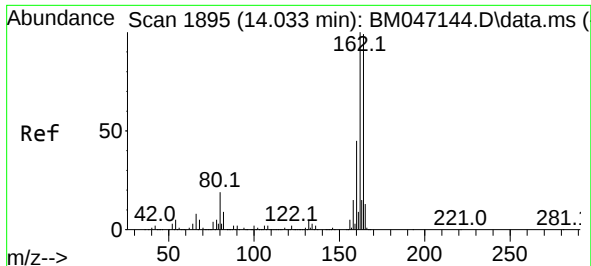


#38
1-Methylnaphthalene
Concen: 8.119 ng
RT: 12.028 min Scan# 1554
Delta R.T. -0.006 min
Lab File: BM047157.D
Acq: 12 Aug 2024 15:05



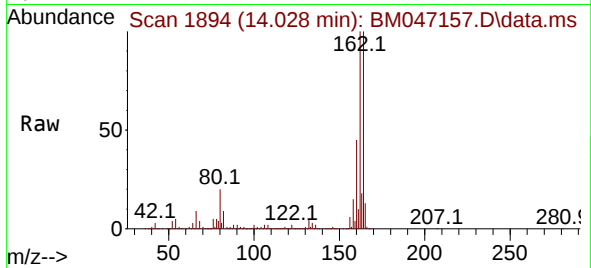
Tgt Ion:142 Resp: 342766
Ion Ratio Lower Upper
142 100
141 92.0 74.6 111.8
116 4.0 3.1 4.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.028 min Scan# 1894
Delta R.T. -0.006 min
Lab File: BM047157.D
Acq: 12 Aug 2024 15:05

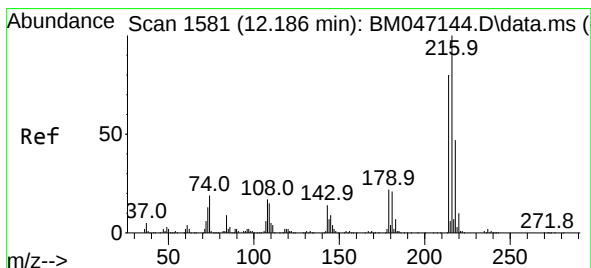
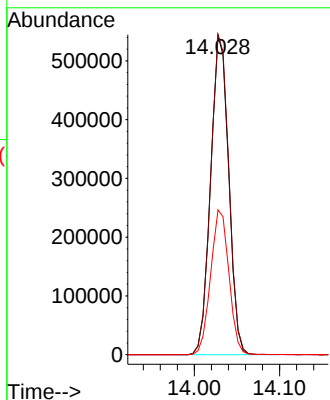
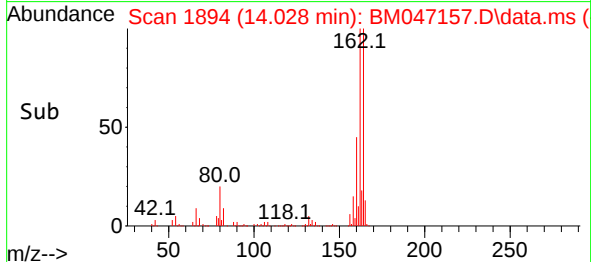
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



Tgt Ion:164 Resp: 798892
Ion Ratio Lower Upper
164 100
162 100.2 80.7 121.1
160 45.3 36.0 54.0

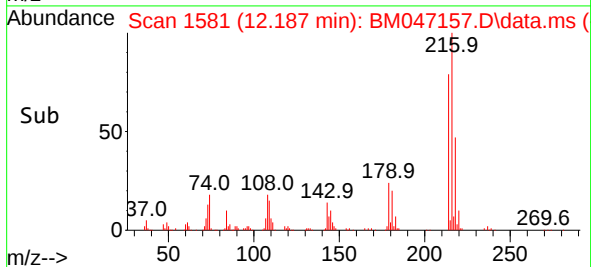
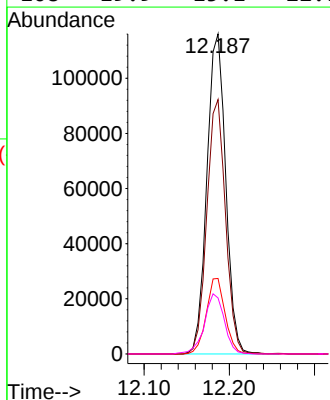
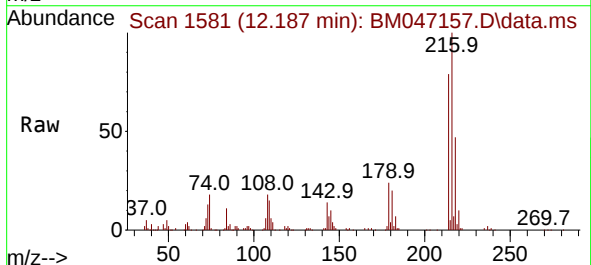
Manual Integrations
APPROVED

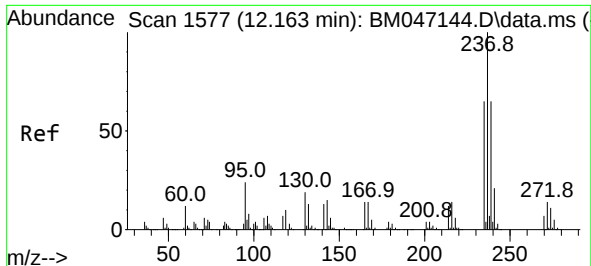
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.186 ng
RT: 12.187 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BM047157.D
Acq: 12 Aug 2024 15:05

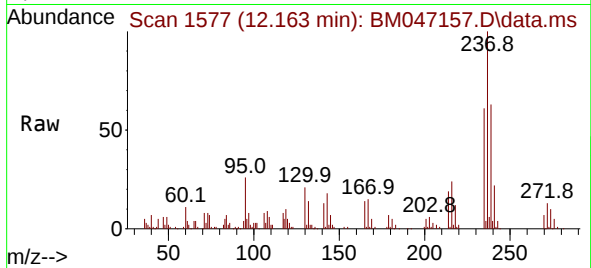
Tgt Ion:216 Resp: 178382
Ion Ratio Lower Upper
216 100
214 78.9 63.4 95.2
179 23.6 17.6 26.4
108 19.9 15.1 22.7





#41
Hexachlorocyclopentadiene
Concen: 9.251 ng
RT: 12.163 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM047157.D
Acq: 12 Aug 2024 15:05

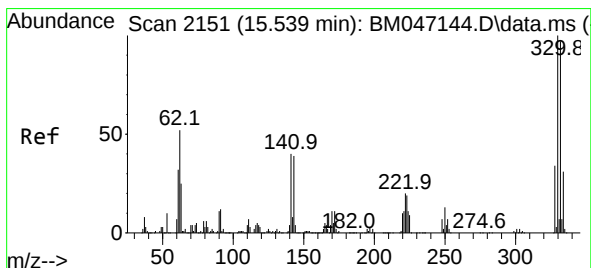
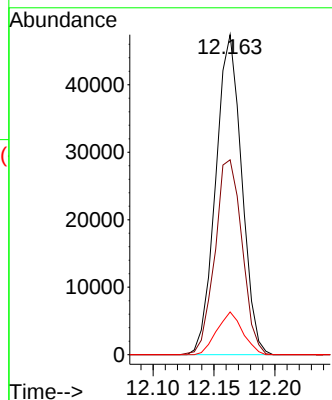
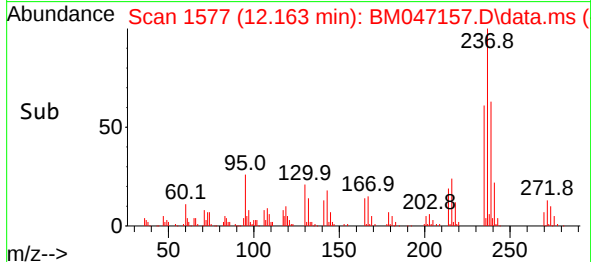
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



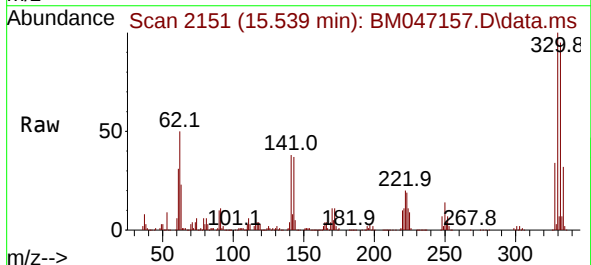
Tgt Ion:237 Resp: 7038
Ion Ratio Lower Upper
237 100
235 60.9 44.8 84.8
272 13.3 0.0 33.5

Manual Integrations
APPROVED

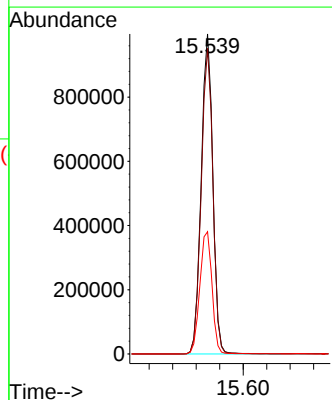
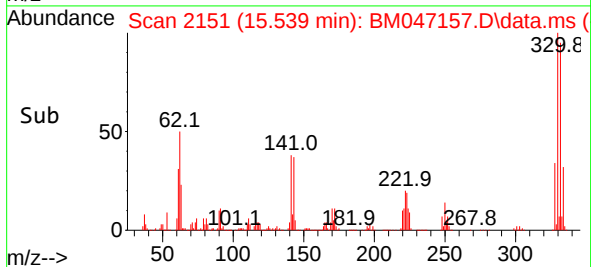
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024

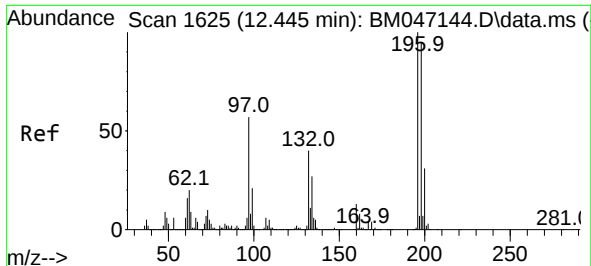


#42
2,4,6-Tribromophenol
Concen: 147.363 ng
RT: 15.539 min Scan# 2151
Delta R.T. 0.000 min
Lab File: BM047157.D
Acq: 12 Aug 2024 15:05



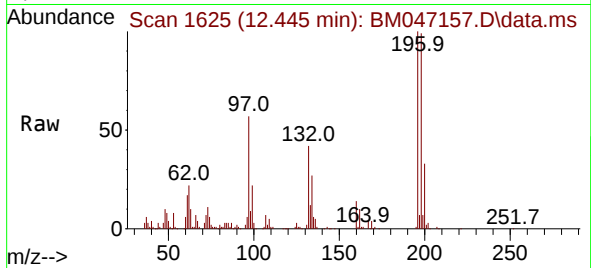
Tgt Ion:330 Resp: 1365063
Ion Ratio Lower Upper
330 100
332 95.9 77.4 116.2
141 40.0 31.6 47.4





#43
2,4,6-Trichlorophenol
Concen: 7.645 ng
RT: 12.445 min Scan# 1625
Delta R.T. 0.000 min
Lab File: BM047157.D
Acq: 12 Aug 2024 15:05

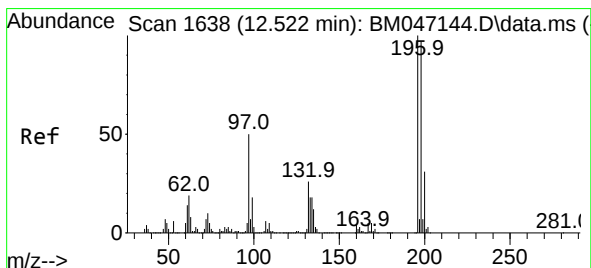
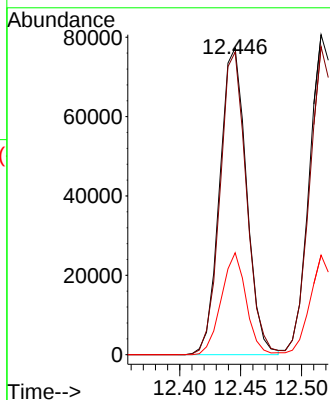
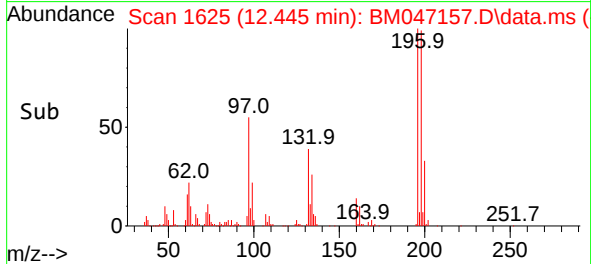
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



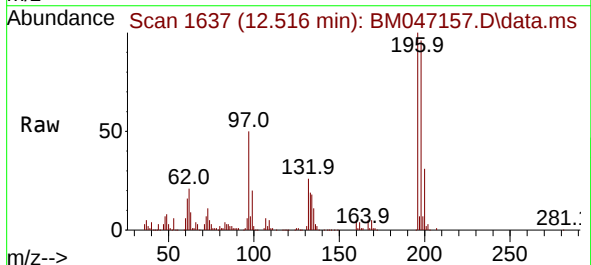
Tgt Ion:196 Resp: 11840
Ion Ratio Lower Upper
196 100
198 98.7 75.6 113.4
200 33.2 24.6 37.0

Manual Integrations
APPROVED

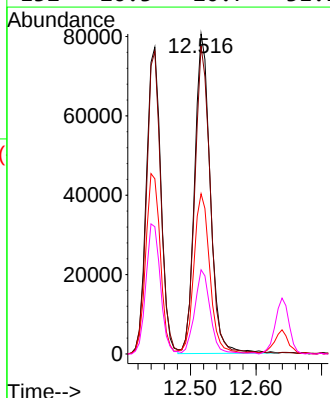
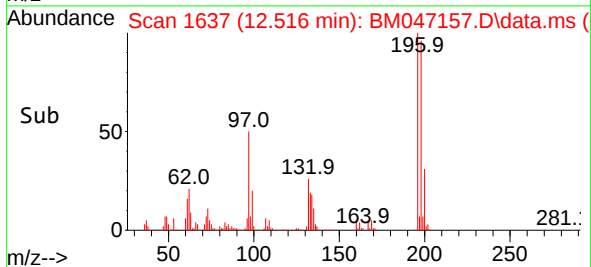
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024

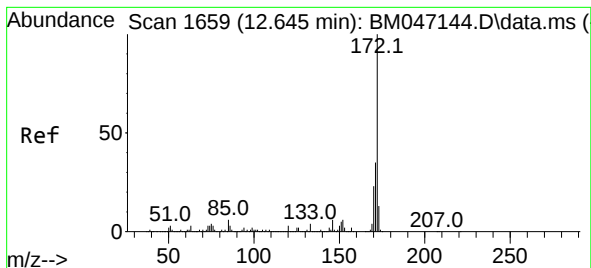


#44
2,4,5-Trichlorophenol
Concen: 7.772 ng
RT: 12.516 min Scan# 1637
Delta R.T. -0.006 min
Lab File: BM047157.D
Acq: 12 Aug 2024 15:05



Tgt Ion:196 Resp: 133646
Ion Ratio Lower Upper
196 100
198 96.2 77.7 116.5
97 50.1 39.8 59.8
132 26.3 20.7 31.1





#45

2-Fluorobiphenyl

Concen: 83.785 ng

RT: 12.640 min Scan# 1

Delta R.T. -0.005 min

Lab File: BM047157.D

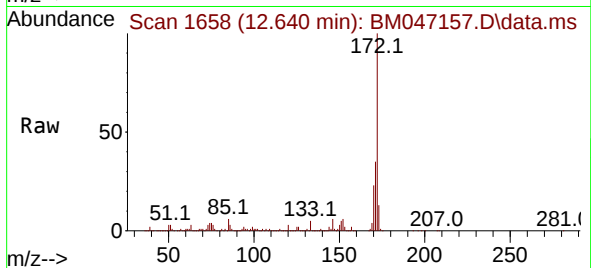
Acq: 12 Aug 2024 15:05

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024



Tgt Ion:172 Resp: 4339334

Ion Ratio Lower Upper

172 100

171 35.0 27.8 41.6

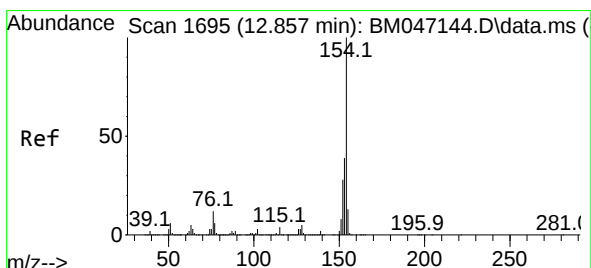
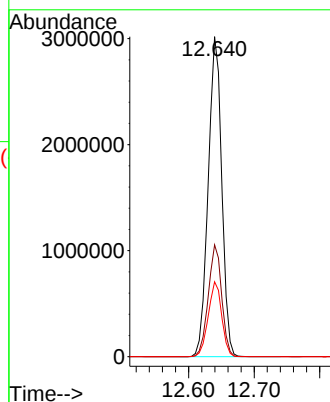
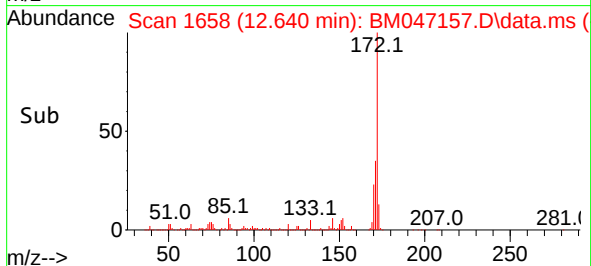
170 23.4 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/14/2024



#46

1,1'-Biphenyl

Concen: 8.536 ng

RT: 12.851 min Scan# 1694

Delta R.T. -0.006 min

Lab File: BM047157.D

Acq: 12 Aug 2024 15:05

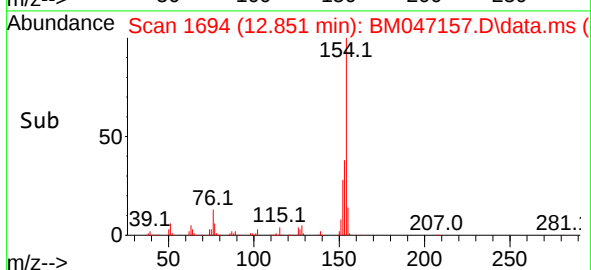
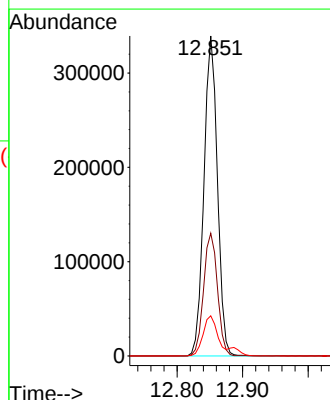
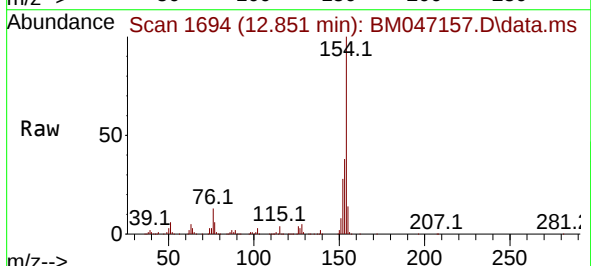
Tgt Ion:154 Resp: 485472

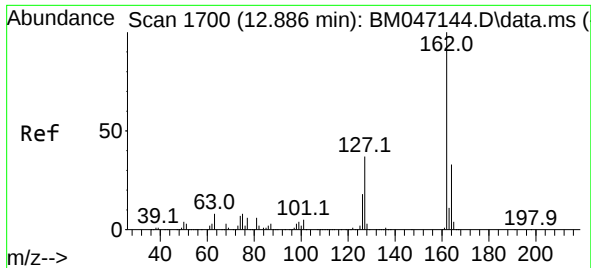
Ion Ratio Lower Upper

154 100

153 38.4 19.0 59.0

76 12.5 0.0 31.9





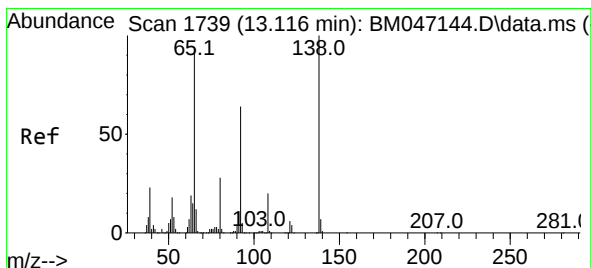
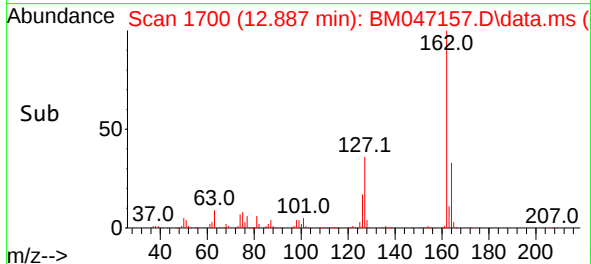
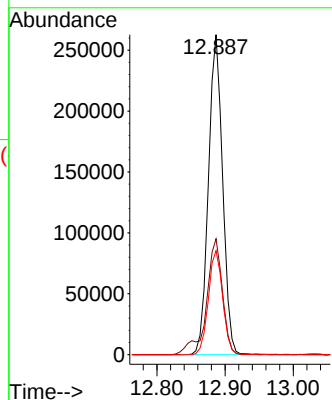
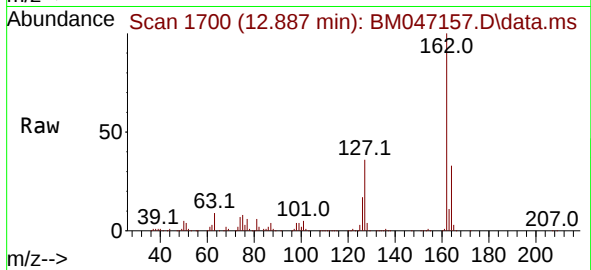
#47
2-Chloronaphthalene
Concen: 8.554 ng
RT: 12.887 min Scan# 1700
Delta R.T. 0.000 min
Lab File: BM047157.D
Acq: 12 Aug 2024 15:05

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

Tgt Ion:162 Resp: 38027
Ion Ratio Lower Upper
162 100
127 36.2 30.0 45.0
164 32.5 26.3 39.5

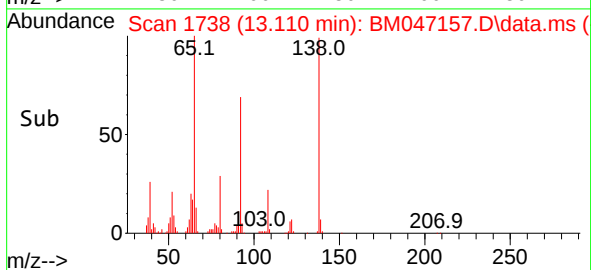
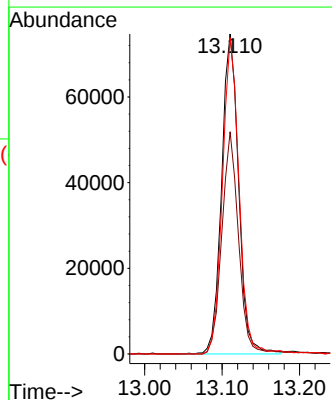
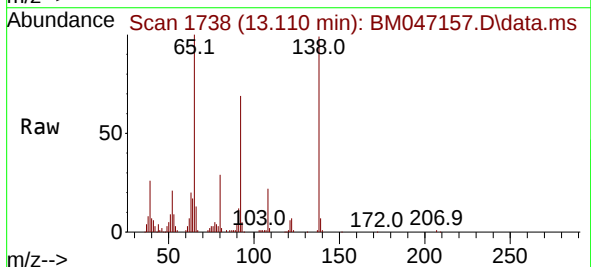
Manual Integrations
APPROVED

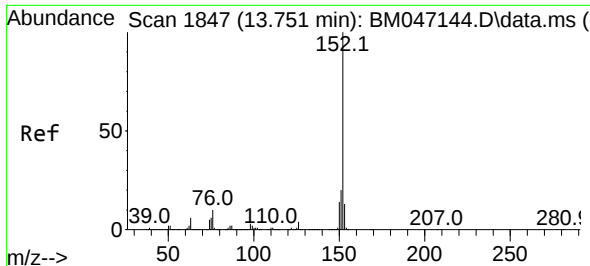
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#48
2-Nitroaniline
Concen: 8.159 ng
RT: 13.110 min Scan# 1738
Delta R.T. -0.006 min
Lab File: BM047157.D
Acq: 12 Aug 2024 15:05

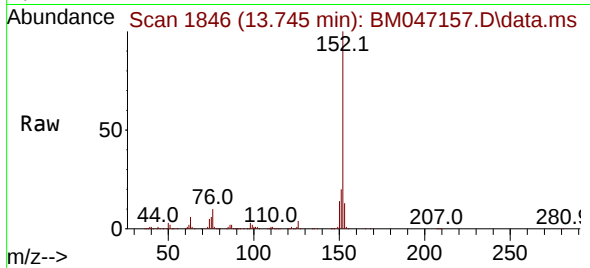
Tgt Ion: 65 Resp: 113626
Ion Ratio Lower Upper
65 100
92 69.4 55.1 82.7
138 98.9 85.9 128.9





#49
Acenaphthylene
Concen: 9.506 ng
RT: 13.745 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047157.D
Acq: 12 Aug 2024 15:05

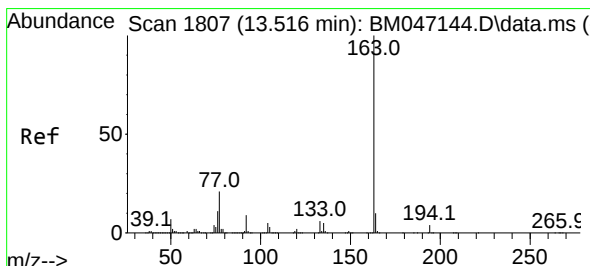
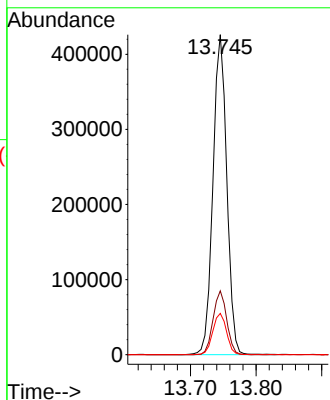
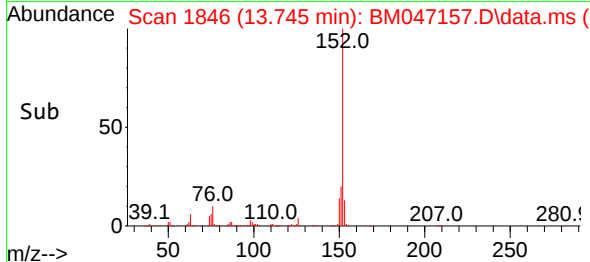
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



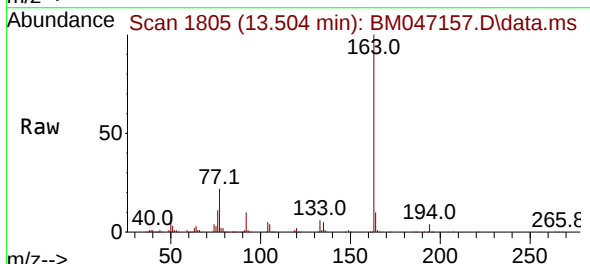
Tgt Ion:152 Resp: 622894
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.6
153 12.9 10.4 15.6

Manual Integrations
APPROVED

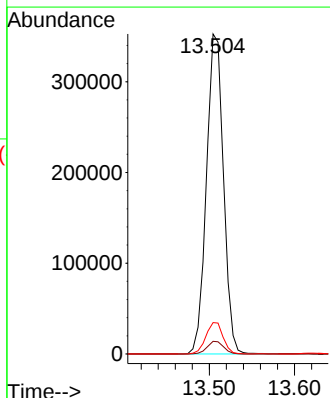
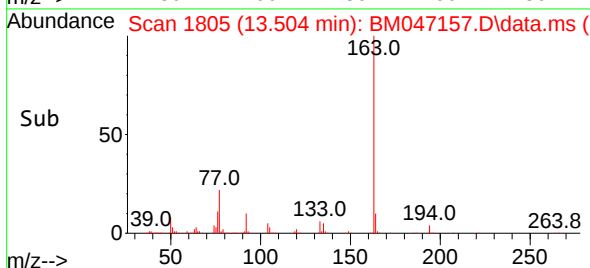
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024

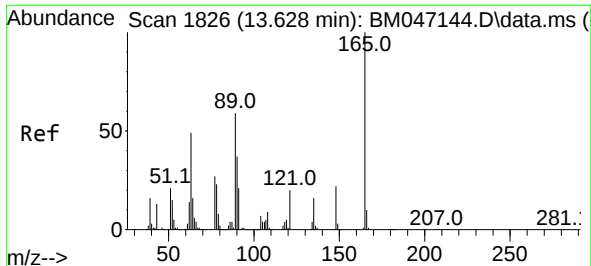


#50
Dimethylphthalate
Concen: 8.776 ng
RT: 13.504 min Scan# 1805
Delta R.T. -0.012 min
Lab File: BM047157.D
Acq: 12 Aug 2024 15:05



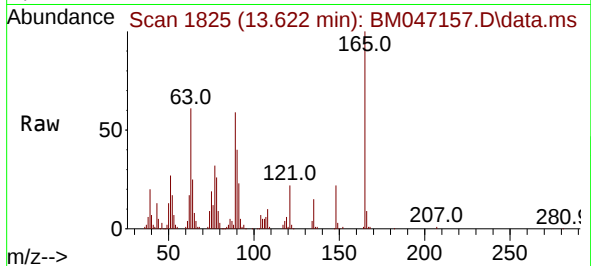
Tgt Ion:163 Resp: 489677
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 9.8 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 7.866 ng
RT: 13.622 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BM047157.D
Acq: 12 Aug 2024 15:05

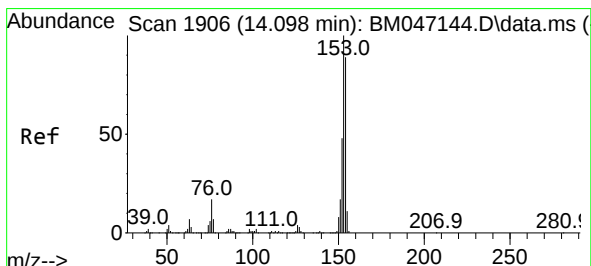
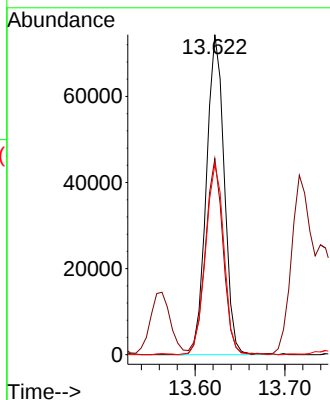
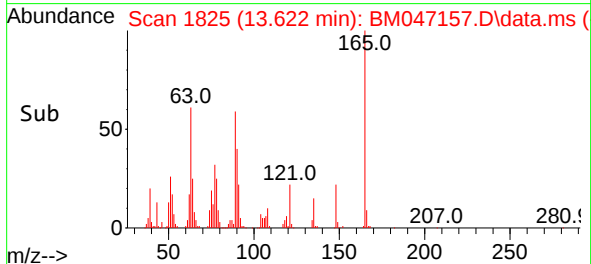
Instrument : BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



Tgt Ion:165 Resp: 10259
Ion Ratio Lower Upper
165 100
63 61.3 46.5 69.7
89 59.4 47.3 70.9

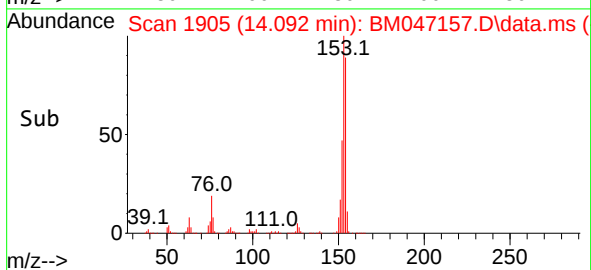
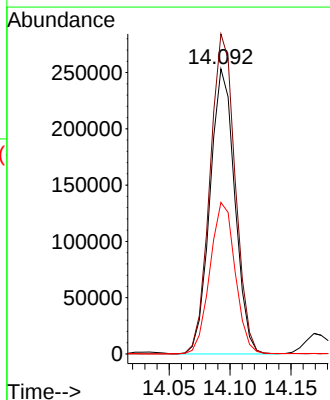
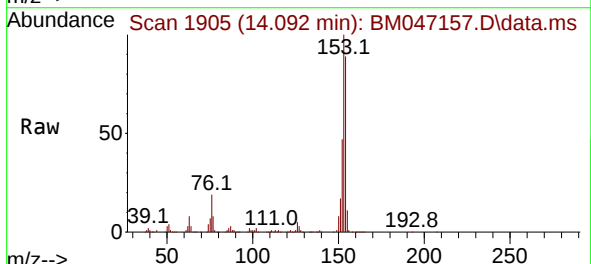
Manual Integrations
APPROVED

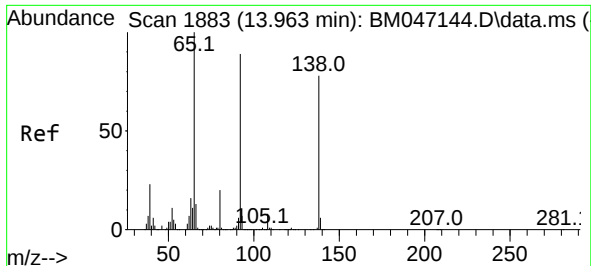
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#52
Acenaphthene
Concen: 8.625 ng
RT: 14.092 min Scan# 1905
Delta R.T. -0.006 min
Lab File: BM047157.D
Acq: 12 Aug 2024 15:05

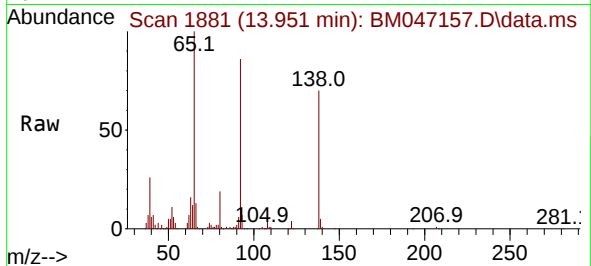
Tgt Ion:154 Resp: 358512
Ion Ratio Lower Upper
154 100
153 112.2 90.3 135.5
152 53.2 42.9 64.3





#53
3-Nitroaniline
Concen: 8.220 ng
RT: 13.951 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM047157.D
Acq: 12 Aug 2024 15:05

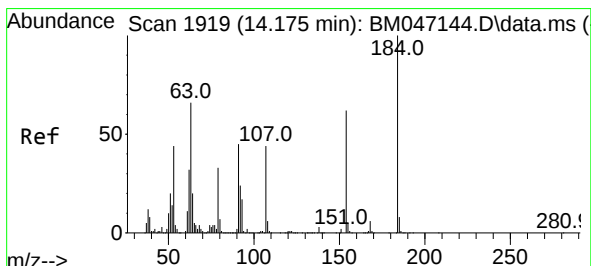
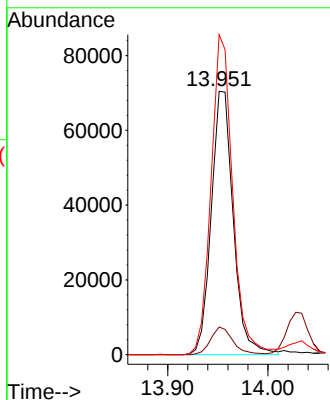
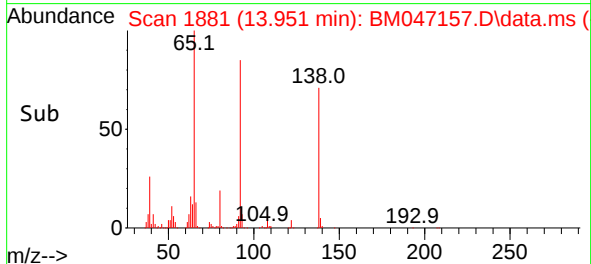
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



Tgt Ion:138 Resp: 10743
Ion Ratio Lower Upper
138 100
108 10.5 7.9 11.9
92 121.5 92.0 138.0

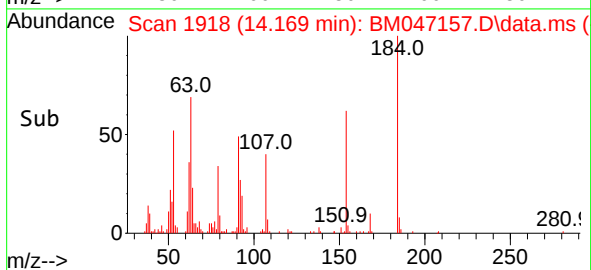
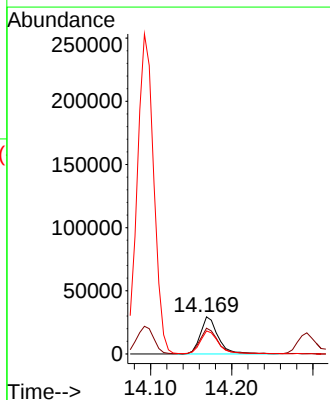
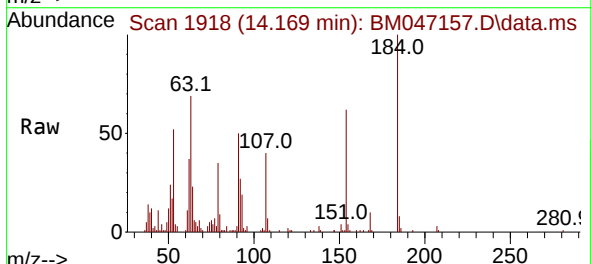
Manual Integrations
APPROVED

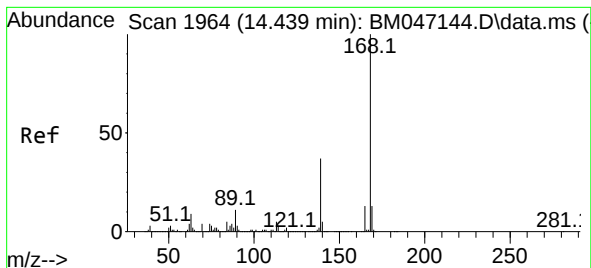
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#54
2,4-Dinitrophenol
Concen: 5.691 ng
RT: 14.169 min Scan# 1918
Delta R.T. -0.006 min
Lab File: BM047157.D
Acq: 12 Aug 2024 15:05

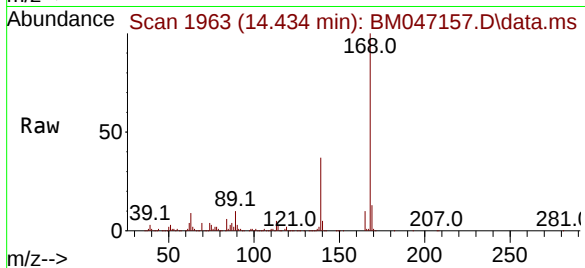
Tgt Ion:184 Resp: 44485
Ion Ratio Lower Upper
184 100
63 69.4 52.7 79.1
154 62.1 50.4 75.6





#55
Dibenzenofuran
Concen: 9.088 ng
RT: 14.434 min Scan# 1963
Delta R.T. -0.006 min
Lab File: BM047157.D
Acq: 12 Aug 2024 15:05

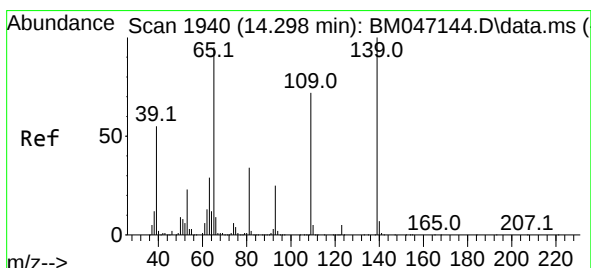
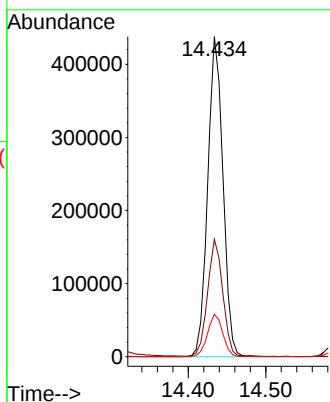
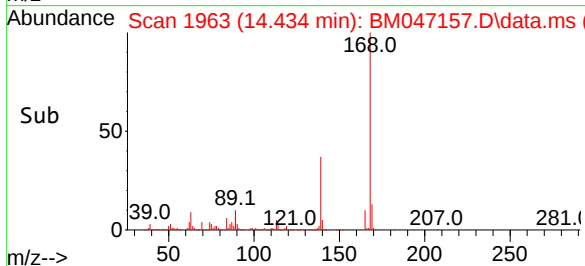
Instrument : BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



Tgt Ion:168 Resp: 59666
Ion Ratio Lower Upper
168 100
139 36.7 29.6 44.4
169 13.2 10.7 16.1

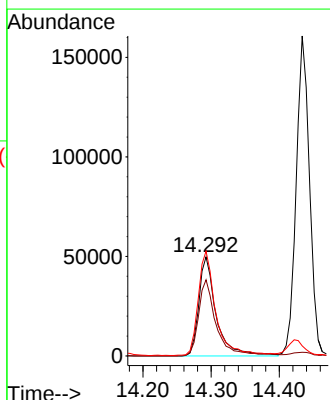
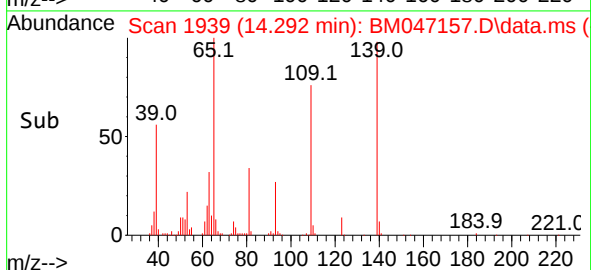
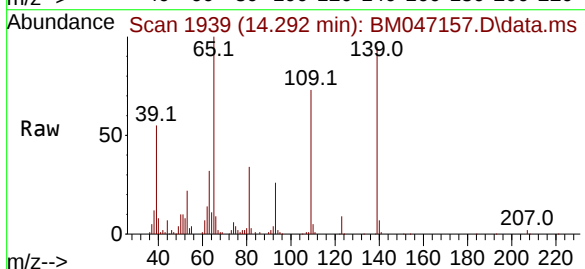
Manual Integrations
APPROVED

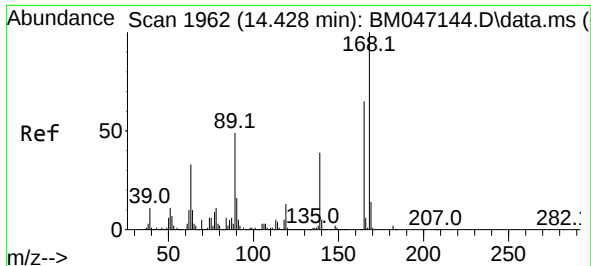
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#56
4-Nitrophenol
Concen: 7.820 ng
RT: 14.292 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BM047157.D
Acq: 12 Aug 2024 15:05

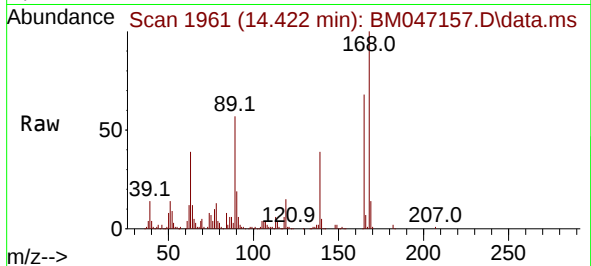
Tgt Ion:139 Resp: 88135
Ion Ratio Lower Upper
139 100
109 76.9 52.5 92.5
65 105.8 75.4 115.4





#57
2,4-Dinitrotoluene
Concen: 7.888 ng
RT: 14.422 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BM047157.D
Acq: 12 Aug 2024 15:05

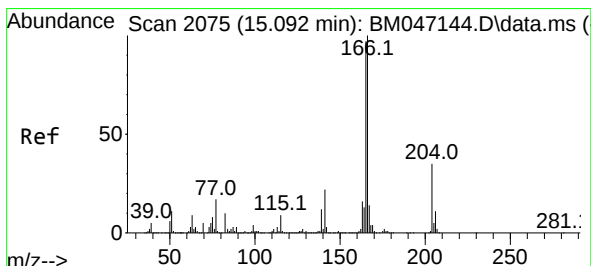
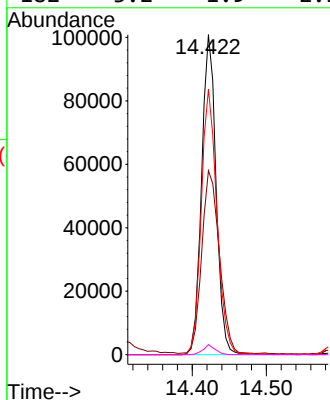
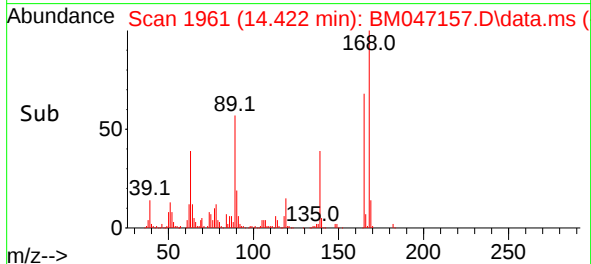
Instrument : BNA_M
ClientSampleId : LOD-MDL-WATER-01-QT3-2024



Tgt Ion:165 Resp: 137319
Ion Ratio Lower Upper
165 100
63 57.5 40.3 60.5
89 82.9 61.0 91.6
182 3.2 1.9 2.9#

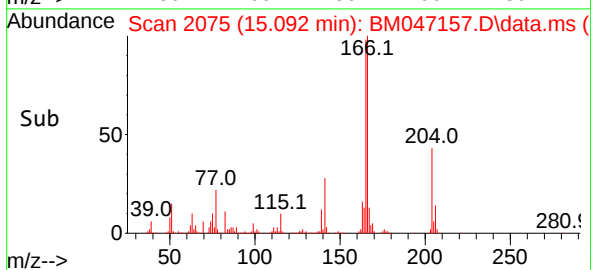
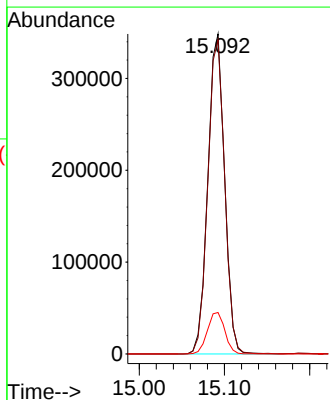
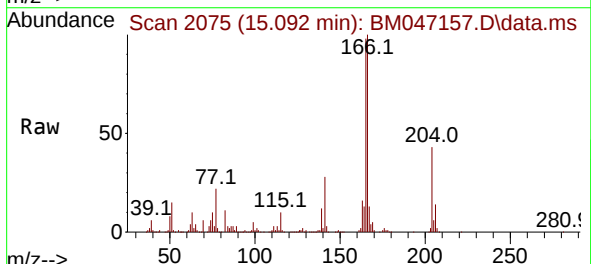
Manual Integrations
APPROVED

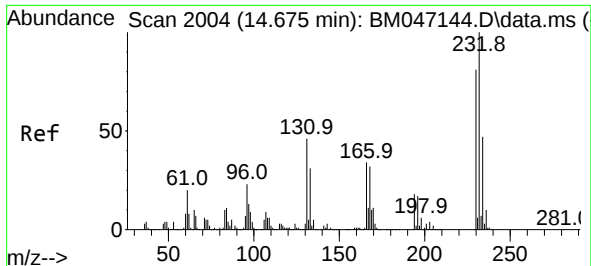
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#58
Fluorene
Concen: 8.777 ng
RT: 15.092 min Scan# 2075
Delta R.T. 0.000 min
Lab File: BM047157.D
Acq: 12 Aug 2024 15:05

Tgt Ion:166 Resp: 475475
Ion Ratio Lower Upper
166 100
165 98.2 77.4 116.0
167 13.0 11.0 16.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 8.177 ng

RT: 14.675 min Scan# 2004

Delta R.T. 0.000 min

Lab File: BM047157.D

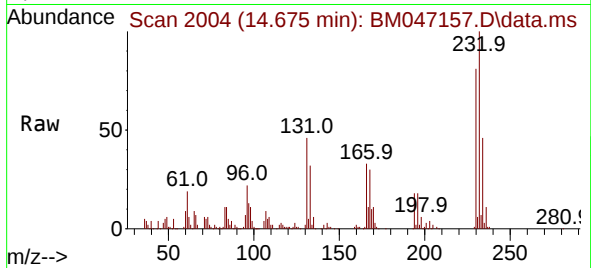
Acq: 12 Aug 2024 15:05

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024



Tgt Ion:232 Resp: 115570

Ion Ratio Lower Upper

232 100

131 49.4 36.9 55.3

130 2.8 2.0 3.0

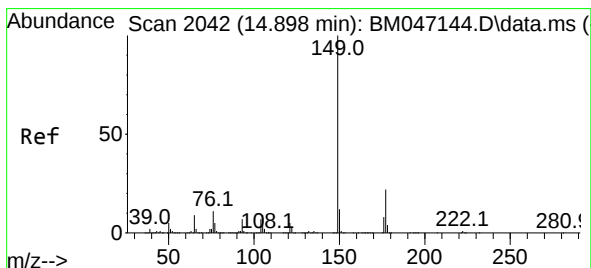
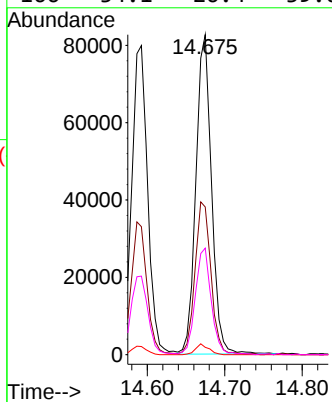
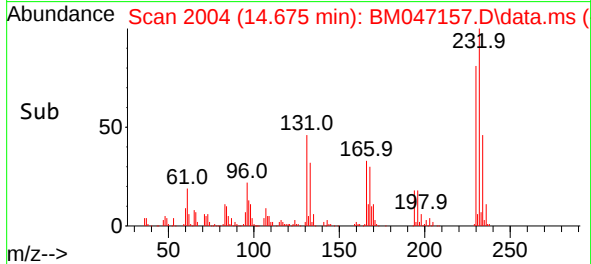
166 34.1 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/14/2024



#60

Diethylphthalate

Concen: 8.613 ng

RT: 14.892 min Scan# 2041

Delta R.T. -0.006 min

Lab File: BM047157.D

Acq: 12 Aug 2024 15:05

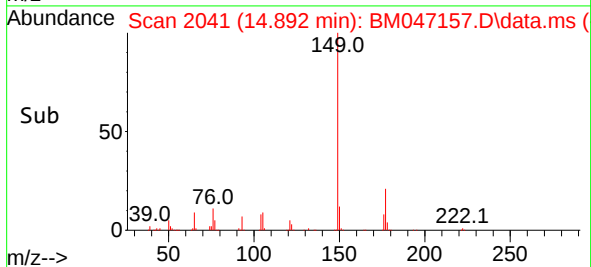
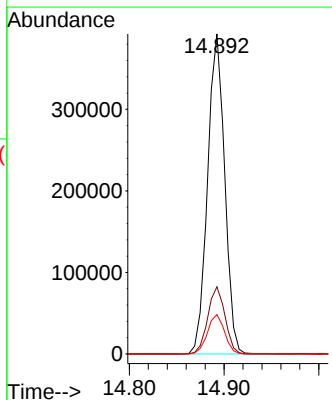
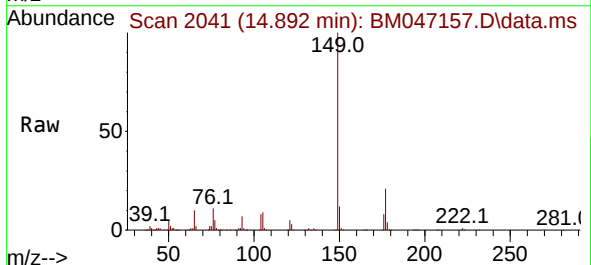
Tgt Ion:149 Resp: 490753

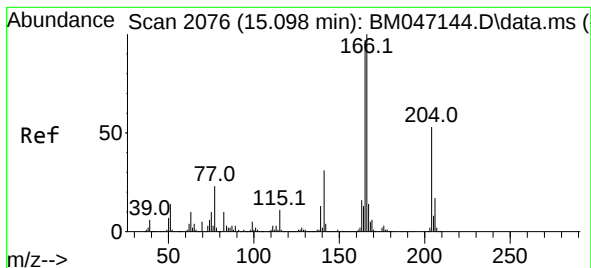
Ion Ratio Lower Upper

149 100

177 21.0 17.6 26.4

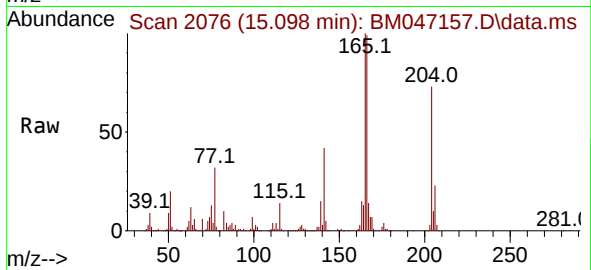
150 12.3 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 8.629 ng
RT: 15.098 min Scan# 2076
Delta R.T. 0.000 min
Lab File: BM047157.D
Acq: 12 Aug 2024 15:05

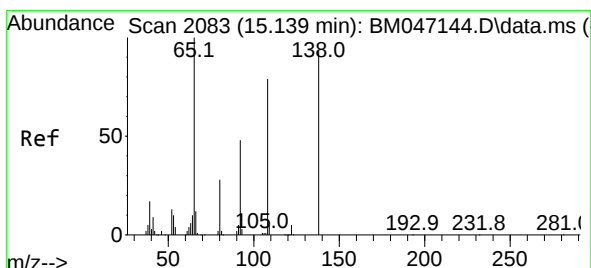
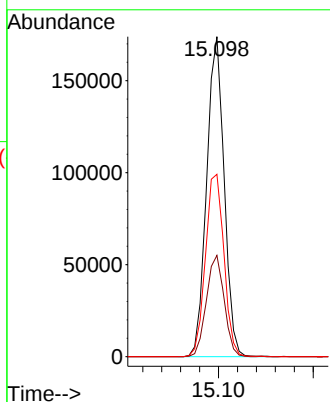
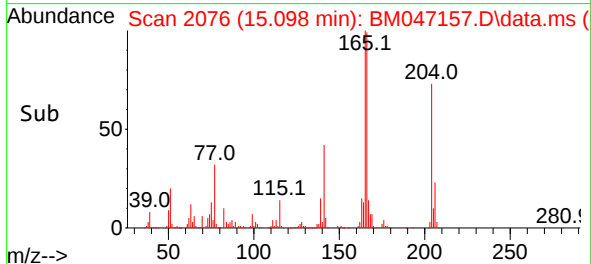
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



Tgt Ion:204 Resp: 222544
Ion Ratio Lower Upper
204 100
206 31.6 26.2 39.4
141 57.0 47.2 70.8

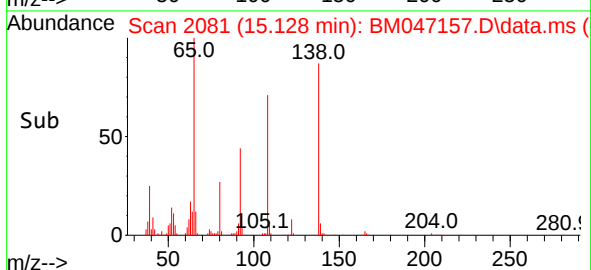
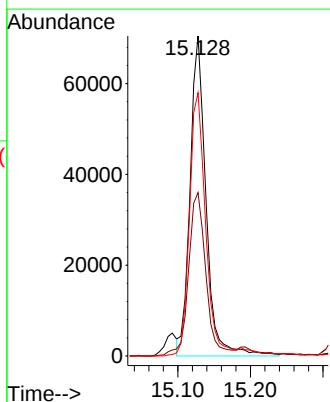
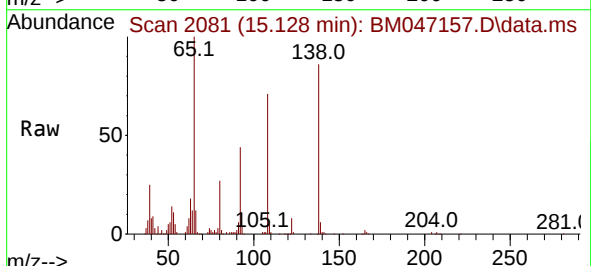
Manual Integrations
APPROVED

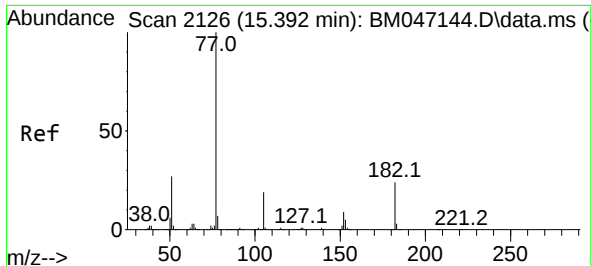
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#62
4-Nitroaniline
Concen: 8.366 ng m
RT: 15.128 min Scan# 2081
Delta R.T. -0.012 min
Lab File: BM047157.D
Acq: 12 Aug 2024 15:05

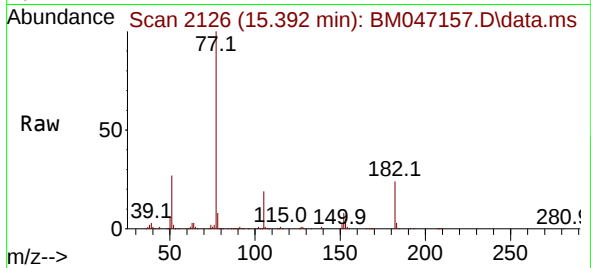
Tgt Ion:138 Resp: 107713
Ion Ratio Lower Upper
138 100
92 51.1 31.9 71.9
108 82.3 63.8 103.8





#63
Azobenzene
Concen: 8.875 ng
RT: 15.392 min Scan# 2126
Delta R.T. 0.000 min
Lab File: BM047157.D
Acq: 12 Aug 2024 15:05

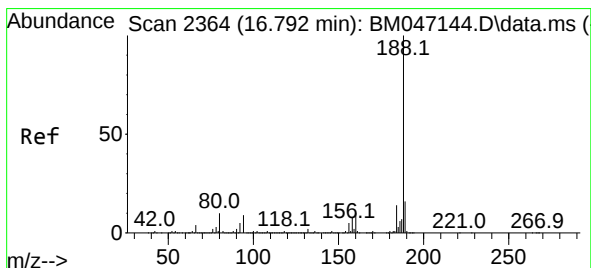
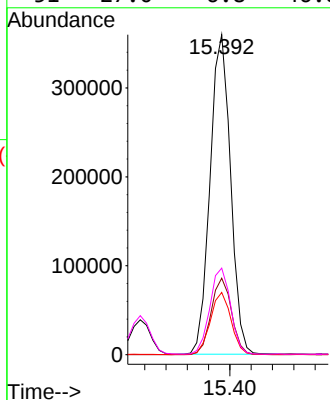
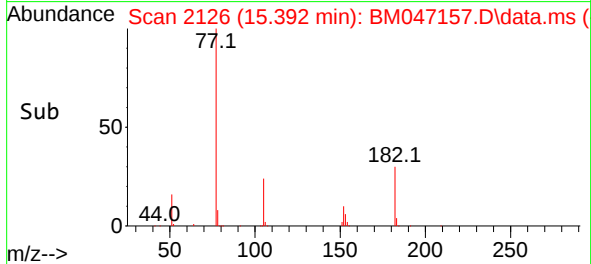
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



Tgt Ion: 77 Resp: 47944
Ion Ratio Lower Upper
77 100
182 23.9 3.8 43.8
105 19.4 0.0 39.5
51 27.0 6.8 46.8

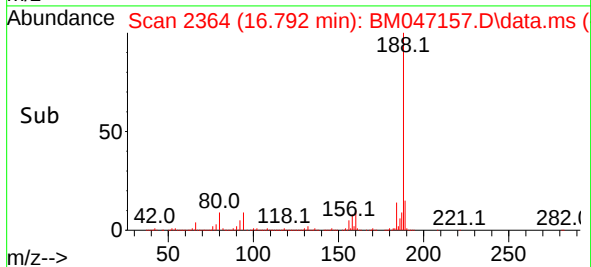
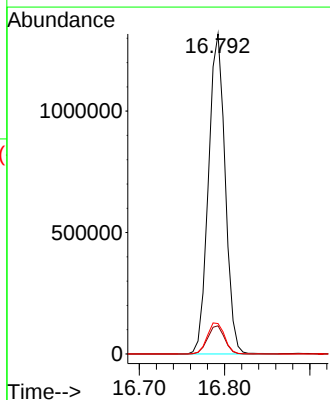
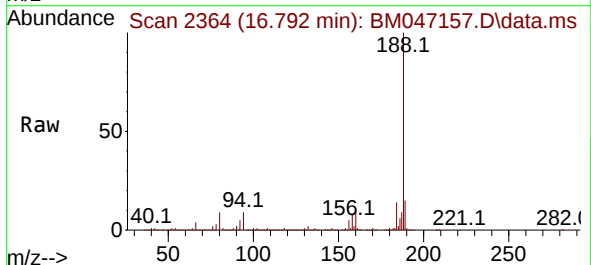
Manual Integrations
APPROVED

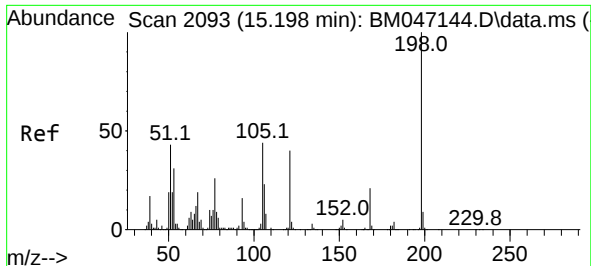
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.792 min Scan# 2364
Delta R.T. 0.000 min
Lab File: BM047157.D
Acq: 12 Aug 2024 15:05

Tgt Ion:188 Resp: 1800139
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.6
80 9.5 8.0 12.0





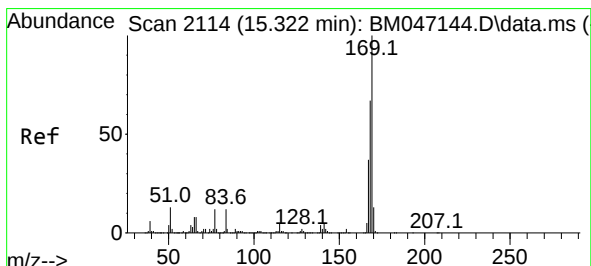
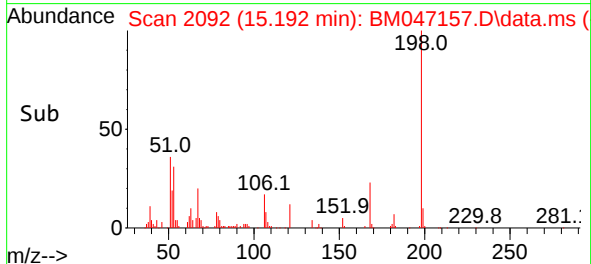
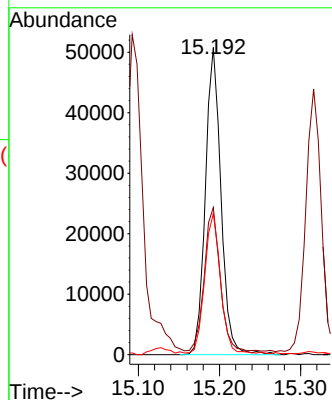
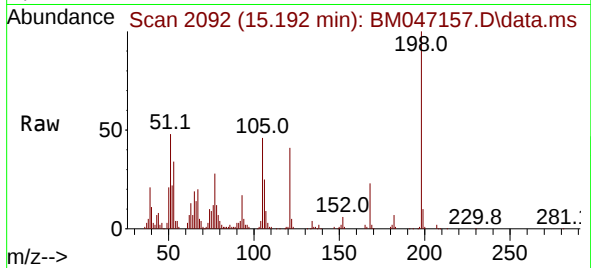
#65
4,6-Dinitro-2-methylphenol
Concen: 6.422 ng
RT: 15.192 min Scan# 2092
Delta R.T. -0.006 min
Lab File: BM047157.D
Acq: 12 Aug 2024 15:05

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

Tgt Ion:198 Resp: 6768
Ion Ratio Lower Upper
198 100
51 47.9 23.9 63.9
105 46.0 24.3 64.3

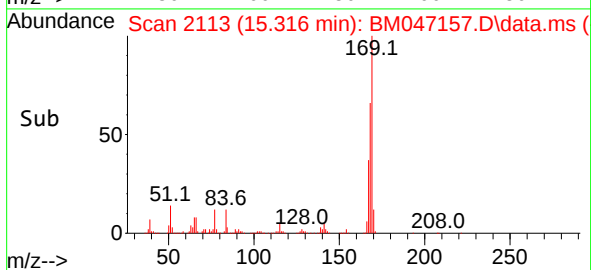
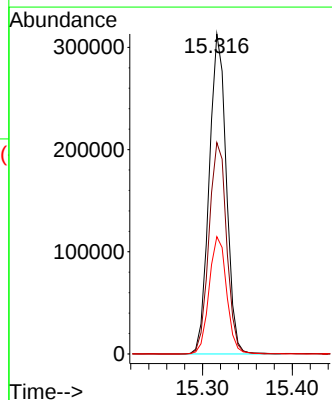
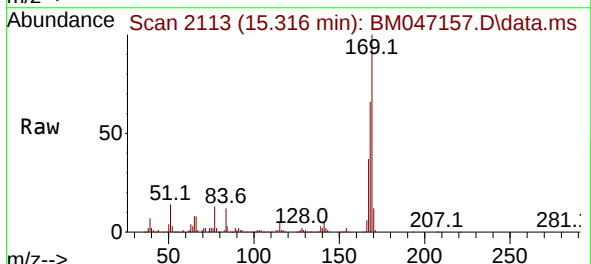
Manual Integrations
APPROVED

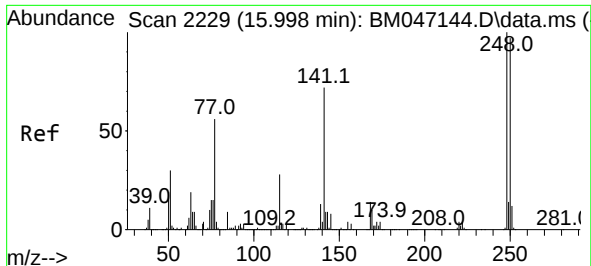
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#66
n-Nitrosodiphenylamine
Concen: 8.460 ng
RT: 15.316 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BM047157.D
Acq: 12 Aug 2024 15:05

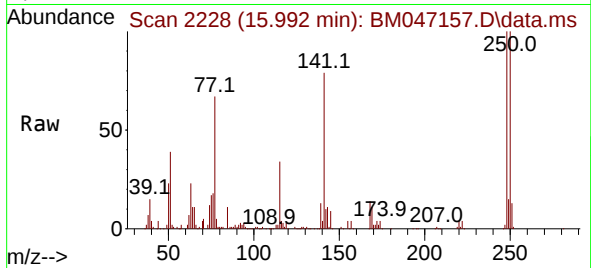
Tgt Ion:169 Resp: 414825
Ion Ratio Lower Upper
169 100
168 66.0 53.8 80.8
167 36.7 29.3 43.9





#67
4-Bromophenyl-phenylether
Concen: 7.498 ng
RT: 15.992 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047157.D
Acq: 12 Aug 2024 15:05

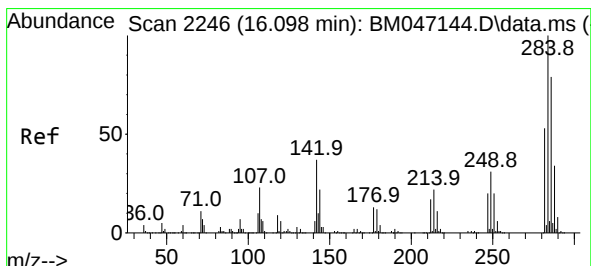
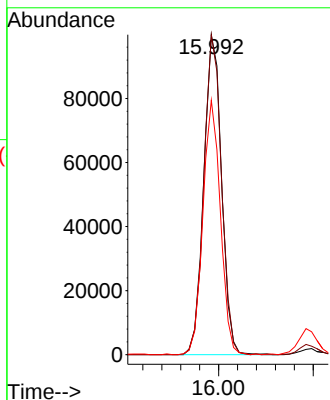
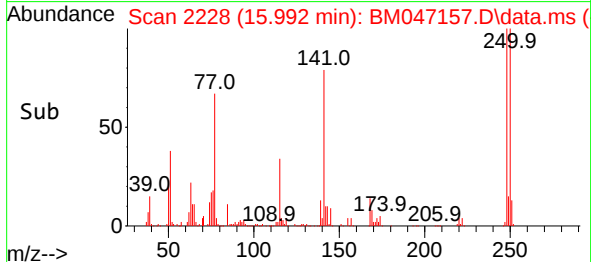
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



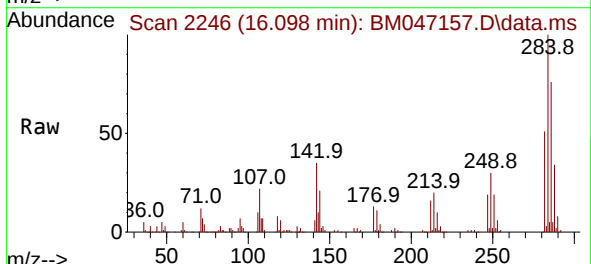
Tgt Ion:248 Resp: 130058
Ion Ratio Lower Upper
248 100
250 99.8 77.8 116.8
141 79.5 57.7 86.5

Manual Integrations
APPROVED

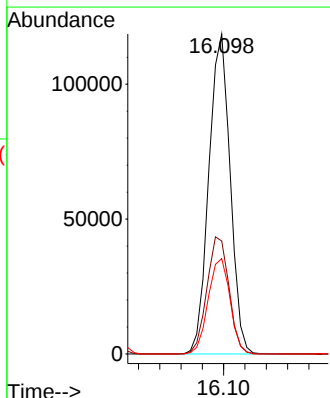
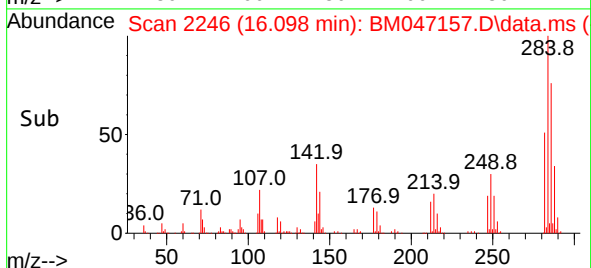
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024

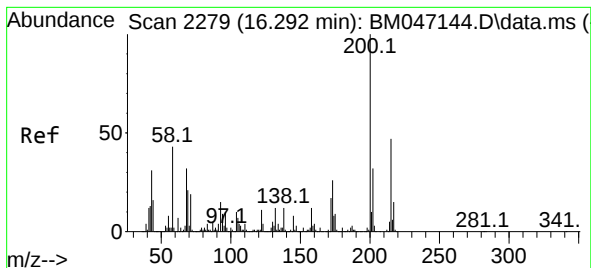


#68
Hexachlorobenzene
Concen: 7.944 ng
RT: 16.098 min Scan# 2246
Delta R.T. 0.000 min
Lab File: BM047157.D
Acq: 12 Aug 2024 15:05



Tgt Ion:284 Resp: 165029
Ion Ratio Lower Upper
284 100
142 35.3 29.4 44.0
249 29.8 25.1 37.7





#69

Atrazine

Concen: 9.849 ng

RT: 16.286 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047157.D

Acq: 12 Aug 2024 15:05

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024

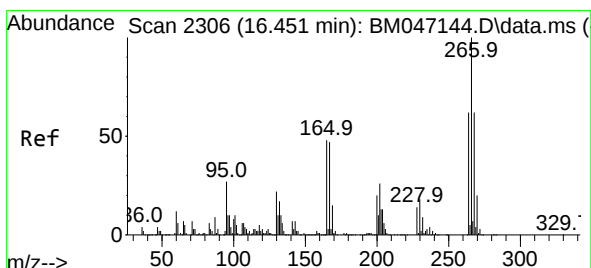
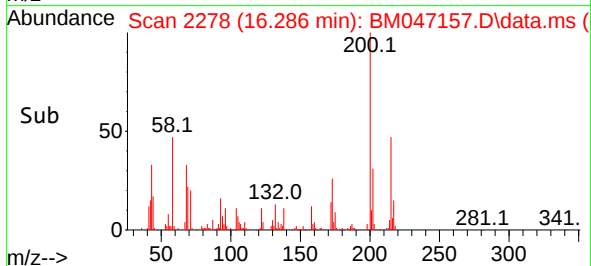
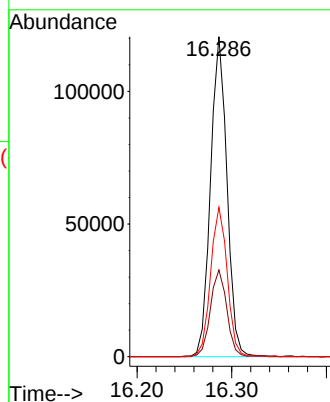
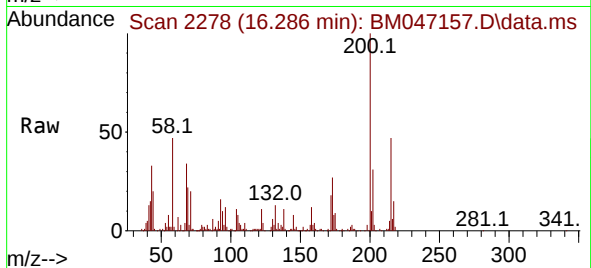
Tgt Ion:200 Resp: 14532
 Ion Ratio Lower Upper
 200 100
 173 27.1 6.1 46.1
 215 46.7 26.8 66.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/14/2024



#70

Pentachlorophenol

Concen: 6.309 ng

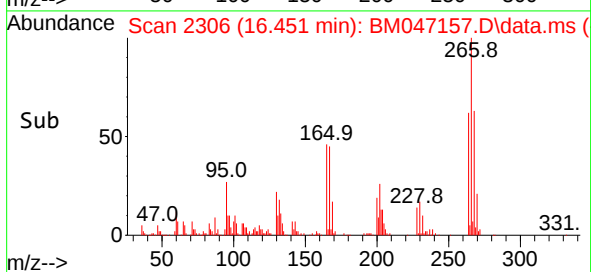
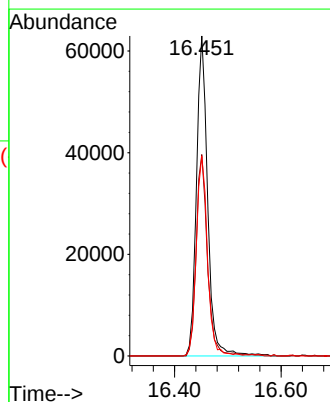
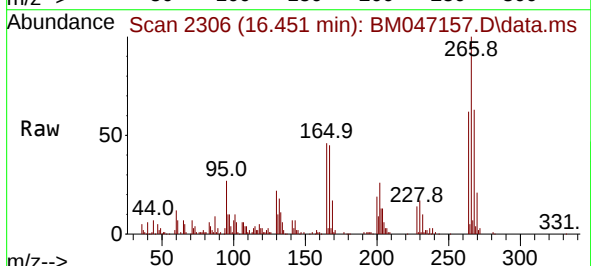
RT: 16.451 min Scan# 2306

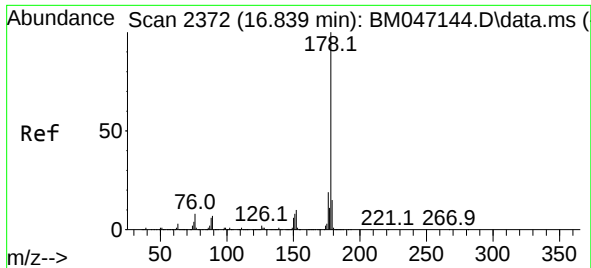
Delta R.T. 0.000 min

Lab File: BM047157.D

Acq: 12 Aug 2024 15:05

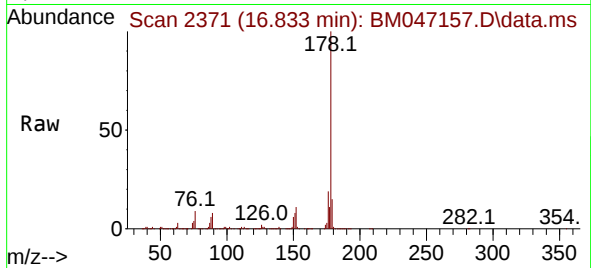
Tgt Ion:266 Resp: 91872
 Ion Ratio Lower Upper
 266 100
 268 62.9 49.8 74.6
 264 62.4 49.6 74.4





#71
Phenanthrene
Concen: 8.650 ng
RT: 16.833 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047157.D
Acq: 12 Aug 2024 15:05

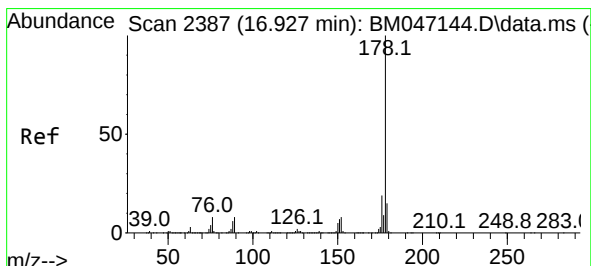
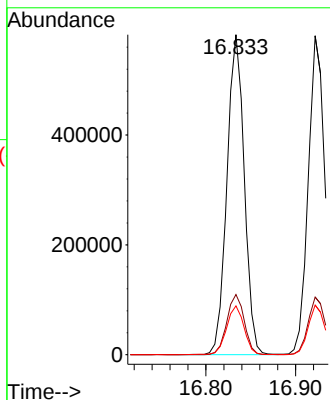
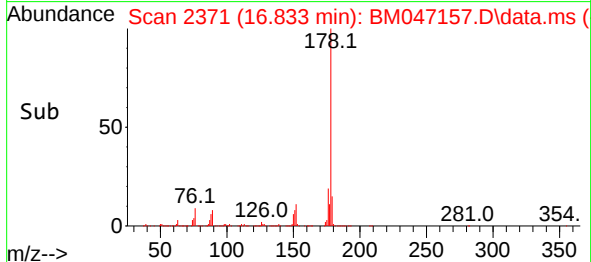
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



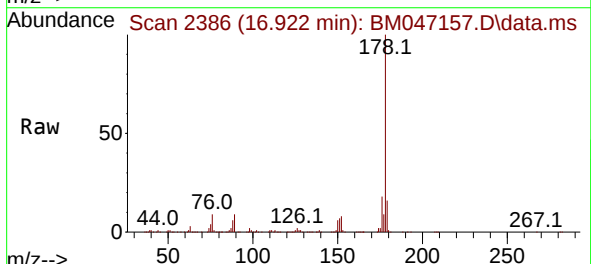
Tgt Ion:178 Resp: 78142
Ion Ratio Lower Upper
178 100
176 18.8 15.3 22.9
179 15.3 12.4 18.6

Manual Integrations
APPROVED

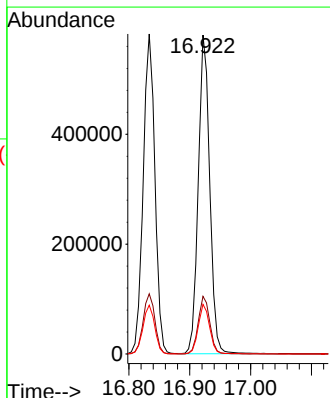
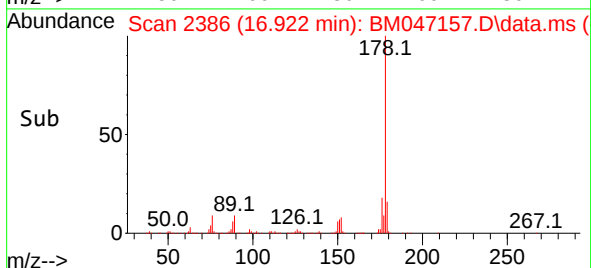
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024

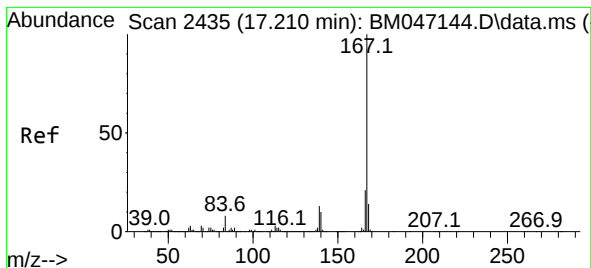


#72
Anthracene
Concen: 8.652 ng
RT: 16.922 min Scan# 2386
Delta R.T. -0.006 min
Lab File: BM047157.D
Acq: 12 Aug 2024 15:05



Tgt Ion:178 Resp: 760502
Ion Ratio Lower Upper
178 100
176 18.1 14.8 22.2
179 15.6 12.4 18.6





#73

Carbazole

Concen: 8.315 ng

RT: 17.204 min Scan# 2435

Delta R.T. -0.006 min

Lab File: BM047157.D

Acq: 12 Aug 2024 15:05

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024

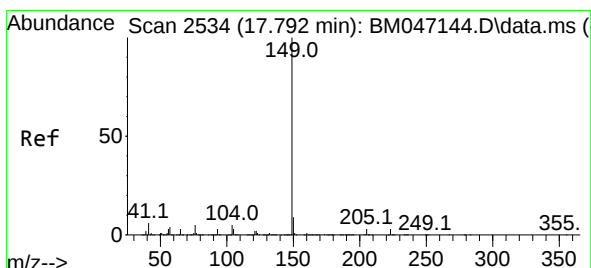
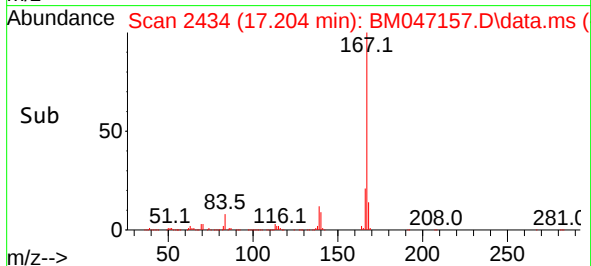
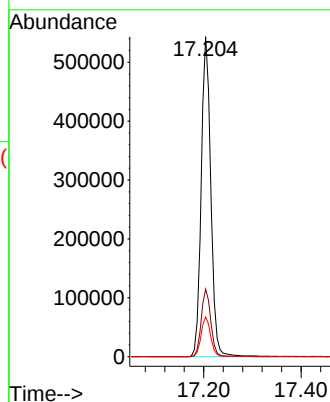
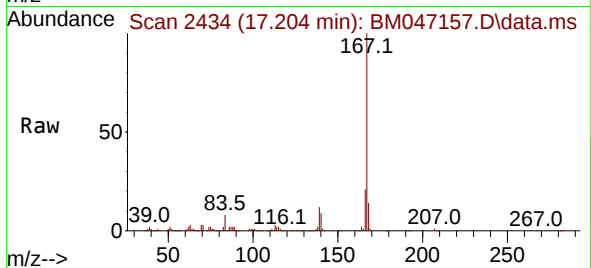
Tgt Ion:167 Resp: 746333
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.1 25.7
 139 12.4 10.0 15.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/14/2024



#74

Di-n-butylphthalate

Concen: 8.116 ng

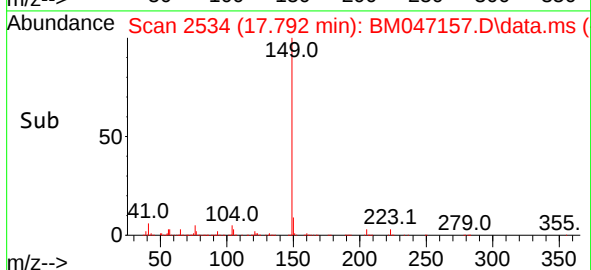
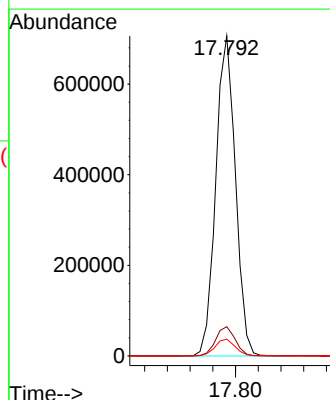
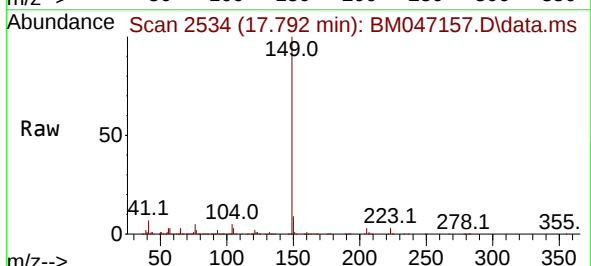
RT: 17.792 min Scan# 2534

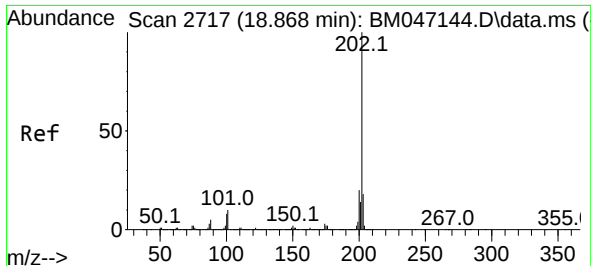
Delta R.T. 0.000 min

Lab File: BM047157.D

Acq: 12 Aug 2024 15:05

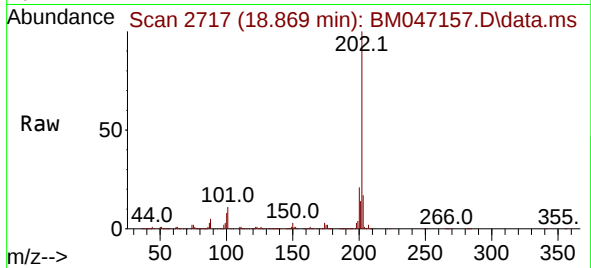
Tgt Ion:149 Resp: 847560
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 5.3 4.1 6.1





#75
Fluoranthene
Concen: 7.977 ng
RT: 18.869 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM047157.D
Acq: 12 Aug 2024 15:05

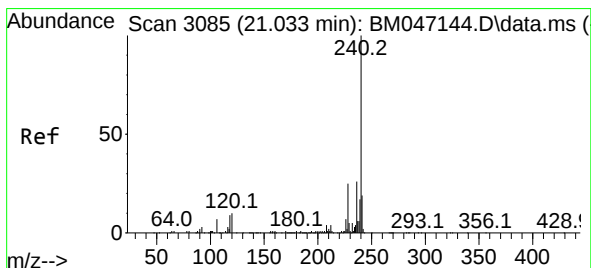
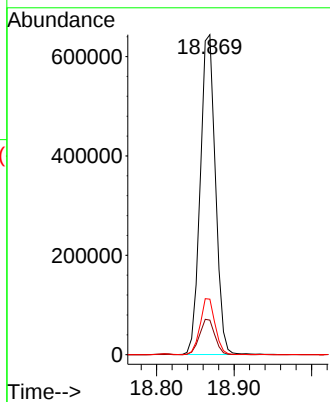
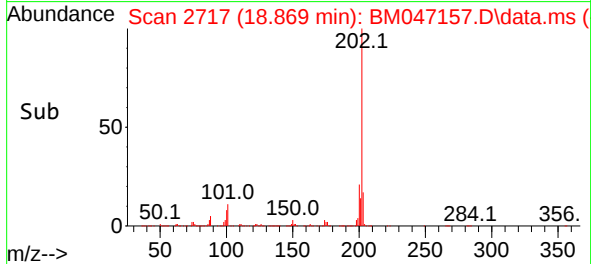
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



Tgt Ion:202 Resp: 876514
Ion Ratio Lower Upper
202 100
101 10.8 0.0 30.2
203 17.4 0.0 37.6

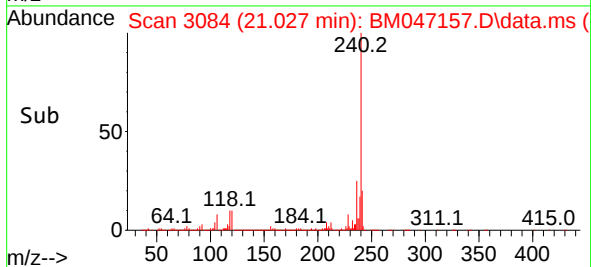
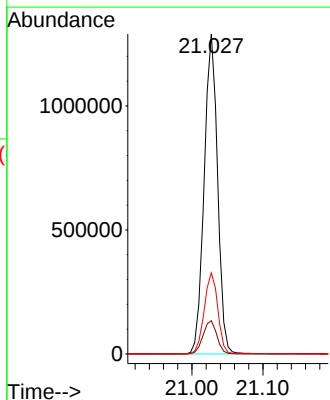
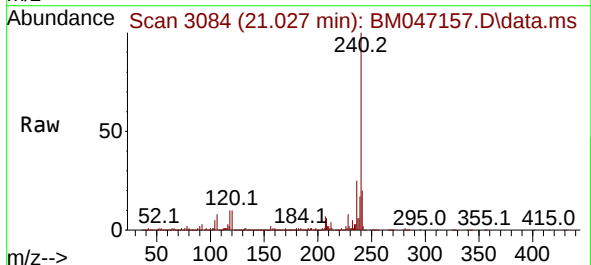
Manual Integrations
APPROVED

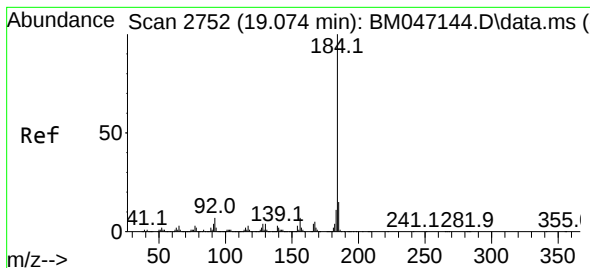
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.027 min Scan# 3084
Delta R.T. -0.006 min
Lab File: BM047157.D
Acq: 12 Aug 2024 15:05

Tgt Ion:240 Resp: 1696826
Ion Ratio Lower Upper
240 100
120 10.4 8.2 12.2
236 25.4 20.6 30.8





#77

Benzidine

Concen: 11.179 ng

RT: 19.074 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM047157.D

Acq: 12 Aug 2024 15:05

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024

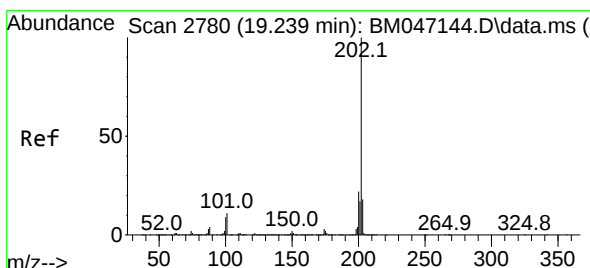
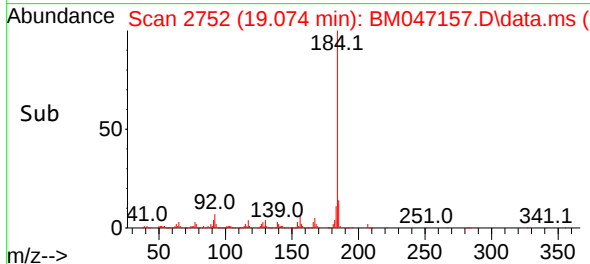
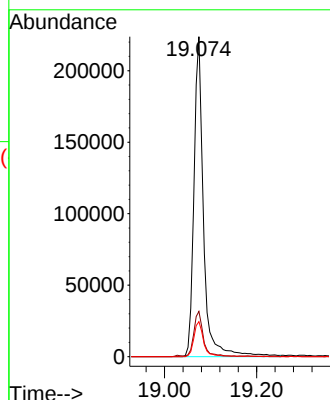
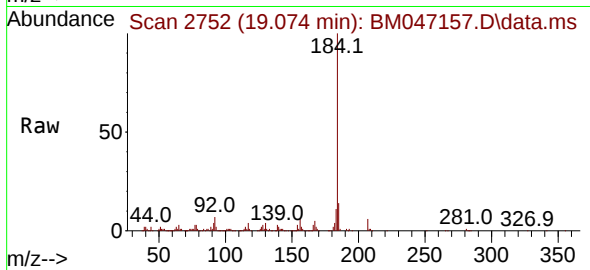
Tgt Ion:184 Resp: 32168
 Ion Ratio Lower Upper
 184 100
 185 14.1 11.8 17.6
 183 11.0 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/14/2024



#78

Pyrene

Concen: 7.742 ng

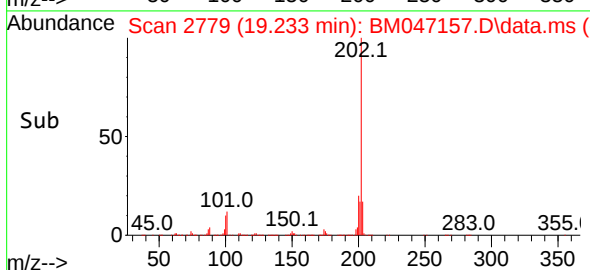
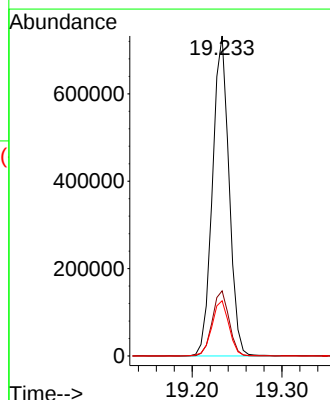
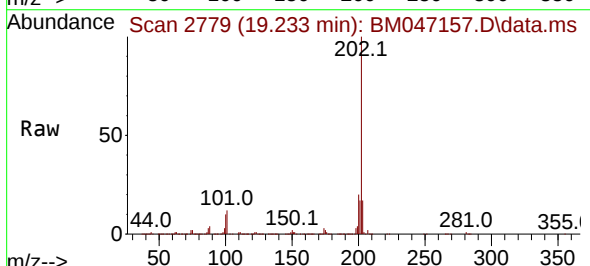
RT: 19.233 min Scan# 2779

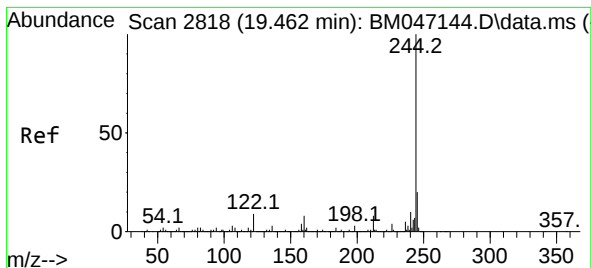
Delta R.T. -0.006 min

Lab File: BM047157.D

Acq: 12 Aug 2024 15:05

Tgt Ion:202 Resp: 938007
 Ion Ratio Lower Upper
 202 100
 200 20.4 17.2 25.8
 203 17.2 14.2 21.2





#79

Terphenyl-d14

Concen: 94.653 ng

RT: 19.463 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM047157.D

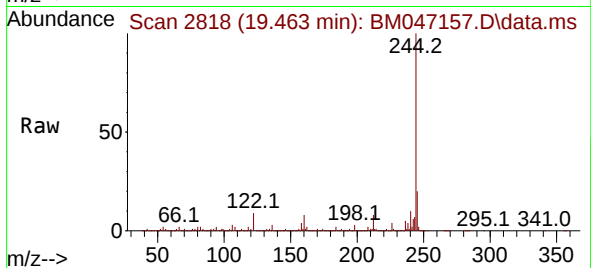
Acq: 12 Aug 2024 15:05

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024



Tgt Ion:244 Resp: 749544

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.4

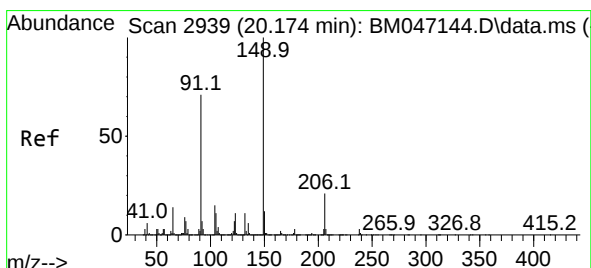
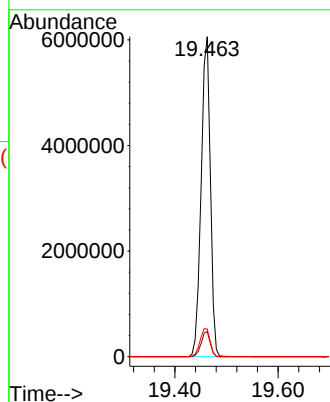
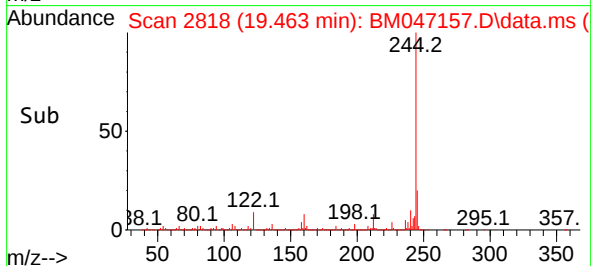
122 8.6 7.1 10.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/14/2024



#80

Butylbenzylphthalate

Concen: 7.672 ng

RT: 20.174 min Scan# 2939

Delta R.T. 0.000 min

Lab File: BM047157.D

Acq: 12 Aug 2024 15:05

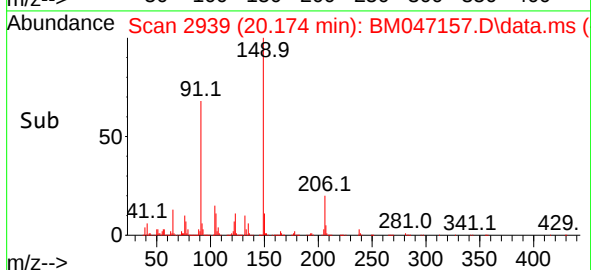
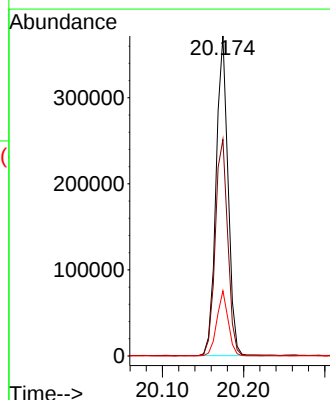
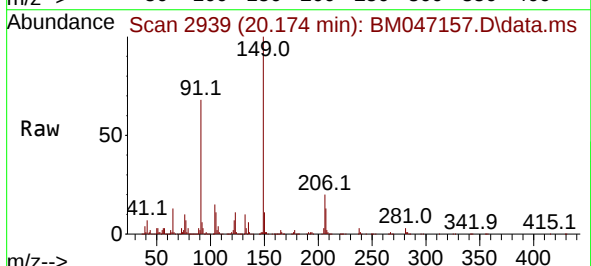
Tgt Ion:149 Resp: 379348

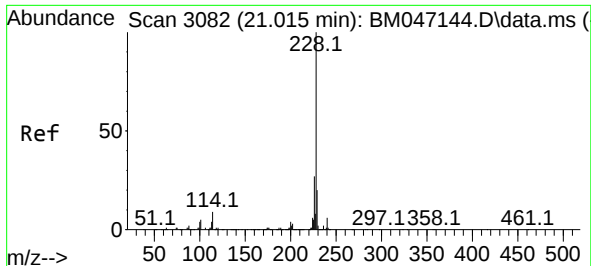
Ion Ratio Lower Upper

149 100

91 67.7 57.0 85.4

206 20.3 16.4 24.6





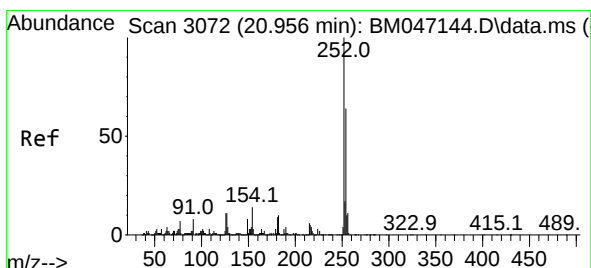
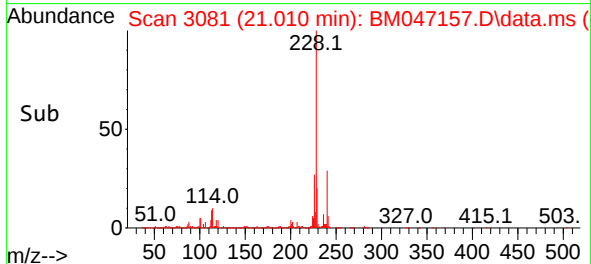
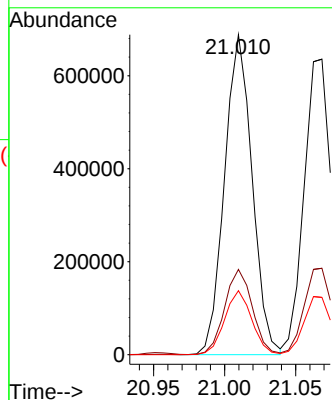
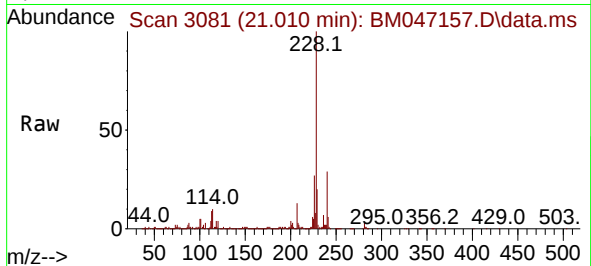
#81
Benzo(a)anthracene
Concen: 8.255 ng
RT: 21.010 min Scan# 3082
Delta R.T. -0.006 min
Lab File: BM047157.D
Acq: 12 Aug 2024 15:05

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

Tgt Ion:228 Resp: 92985
Ion Ratio Lower Upper
228 100
226 26.6 21.8 32.6
229 20.0 15.8 23.8

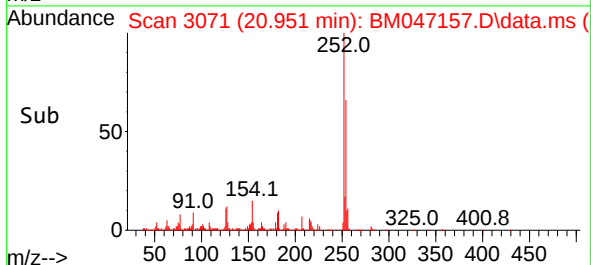
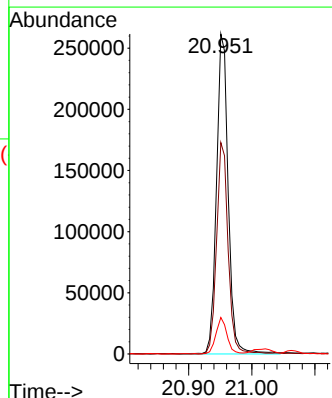
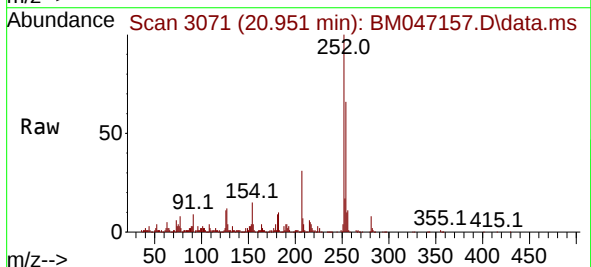
Manual Integrations
APPROVED

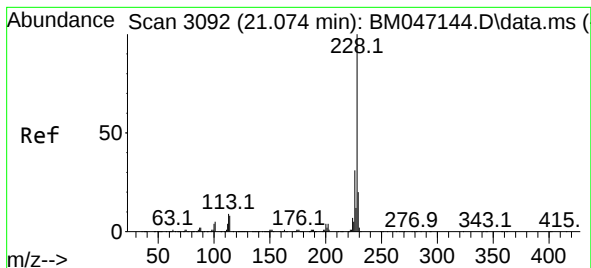
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024



#82
3,3'-Dichlorobenzidine
Concen: 9.557 ng
RT: 20.951 min Scan# 3071
Delta R.T. -0.006 min
Lab File: BM047157.D
Acq: 12 Aug 2024 15:05

Tgt Ion:252 Resp: 336837
Ion Ratio Lower Upper
252 100
254 66.0 51.0 76.6
126 11.4 8.5 12.7





#83

Chrysene

Concen: 8.097 ng

RT: 21.068 min Scan# 3092

Delta R.T. -0.006 min

Lab File: BM047157.D

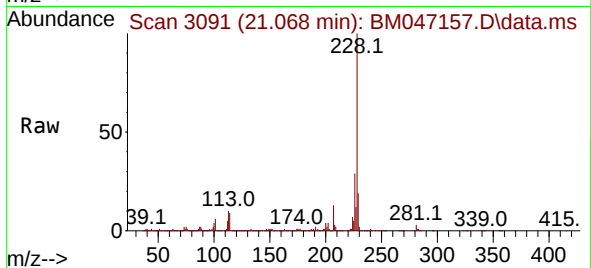
Acq: 12 Aug 2024 15:05

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024



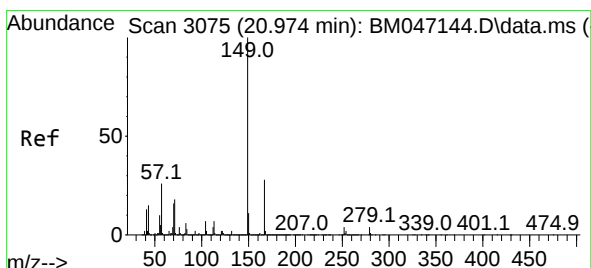
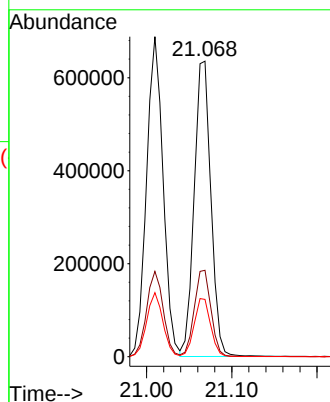
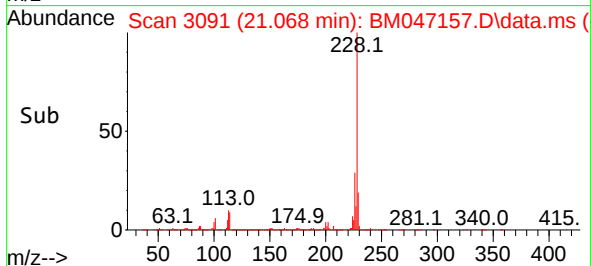
Tgt Ion:	228	Resp:	86531
Ion Ratio	Lower	Upper	
228	100		
226	29.2	24.4	36.6
229	19.4	15.7	23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/14/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 7.950 ng

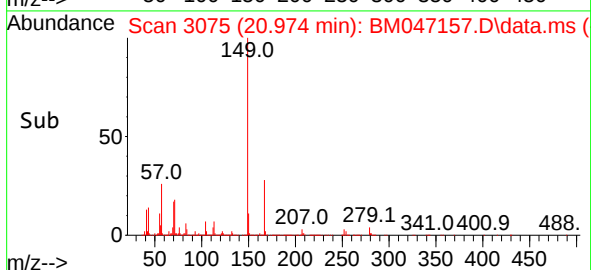
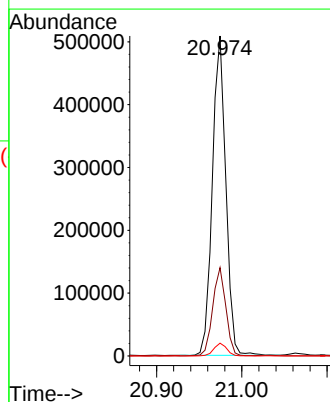
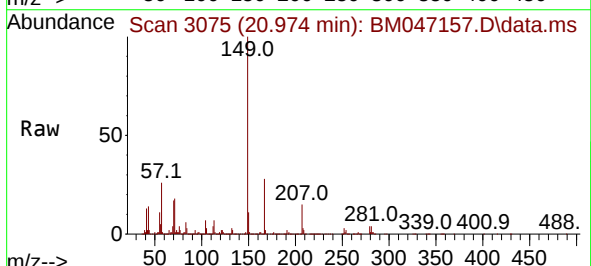
RT: 20.974 min Scan# 3075

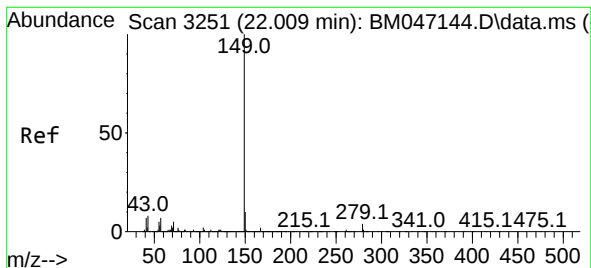
Delta R.T. 0.000 min

Lab File: BM047157.D

Acq: 12 Aug 2024 15:05

Tgt Ion:	149	Resp:	557492
Ion Ratio	Lower	Upper	
149	100		
167	27.6	22.2	33.2
279	4.0	3.0	4.4





#85

Di-n-octyl phthalate

Concen: 7.557 ng

RT: 22.004 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM047157.D

Acq: 12 Aug 2024 15:05

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024

Tgt Ion:149 Resp: 900740

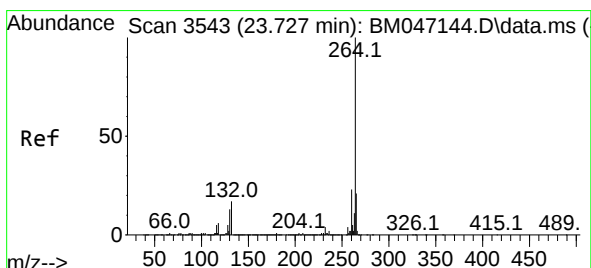
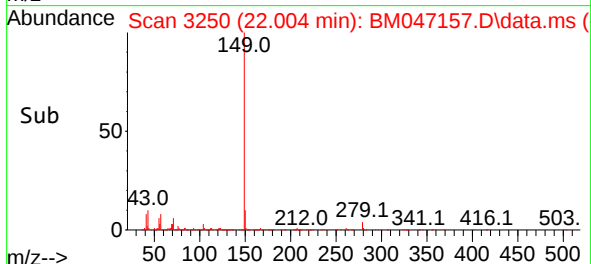
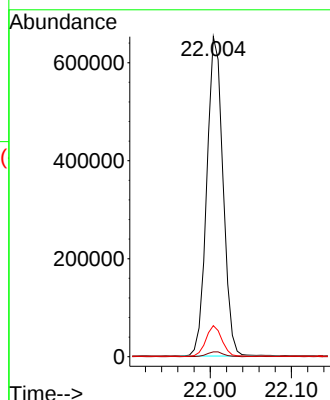
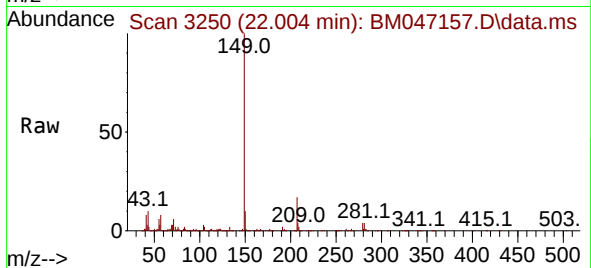
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.4	6.9	10.3

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

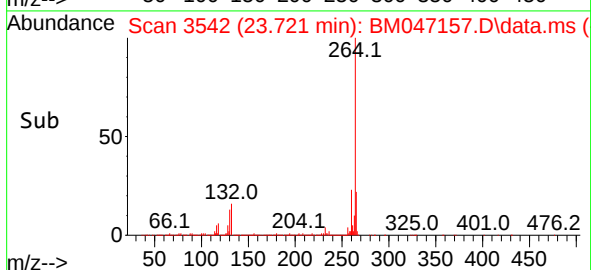
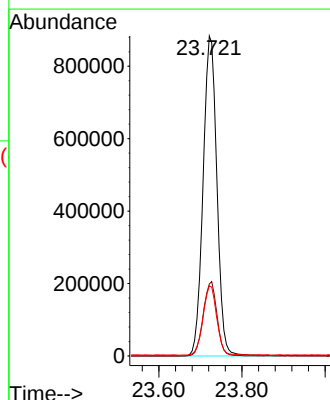
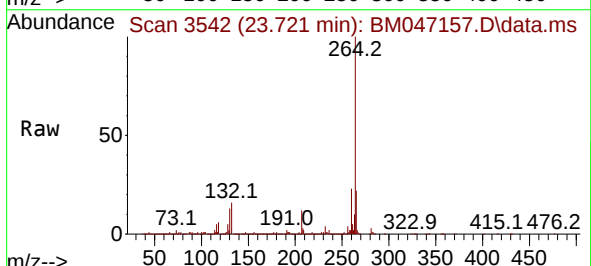
Delta R.T. -0.006 min

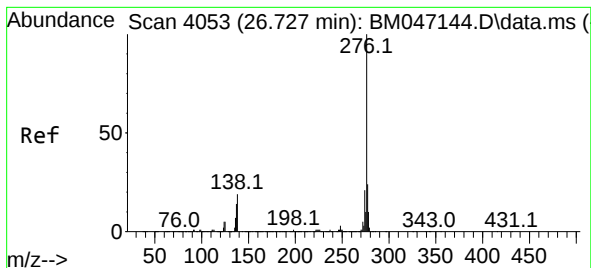
Lab File: BM047157.D

Acq: 12 Aug 2024 15:05

Tgt Ion:264 Resp: 2038038

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.5	27.7
265	21.9	17.3	25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 8.034 ng

RT: 26.709 min Scan# 4053

Delta R.T. -0.017 min

Lab File: BM047157.D

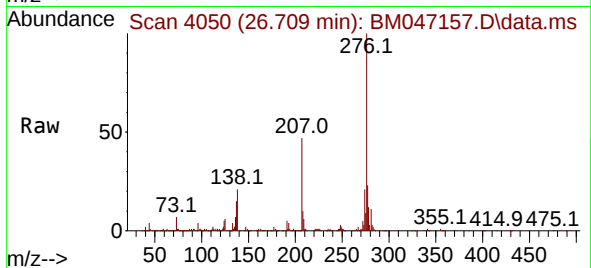
Acq: 12 Aug 2024 15:05

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024



Tgt Ion:276 Resp: 105828

Ion Ratio Lower Upper

276 100

138 25.5 19.4 29.0

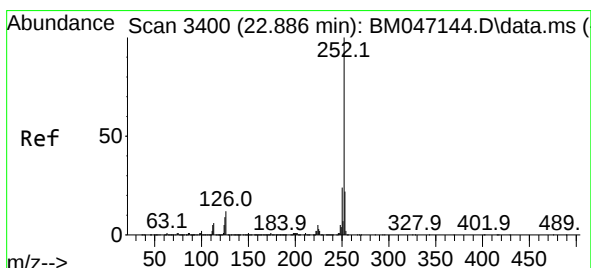
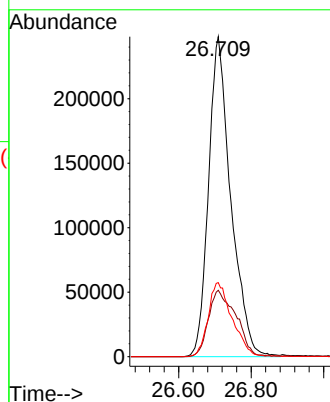
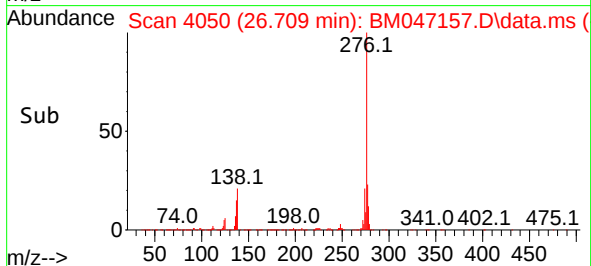
277 24.8 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/14/2024



#88

Benzo(b)fluoranthene

Concen: 7.791 ng

RT: 22.880 min Scan# 3399

Delta R.T. -0.006 min

Lab File: BM047157.D

Acq: 12 Aug 2024 15:05

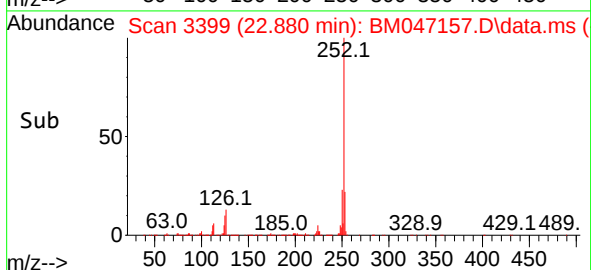
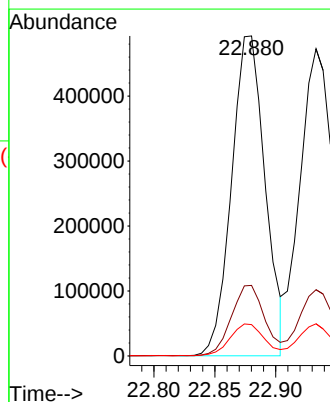
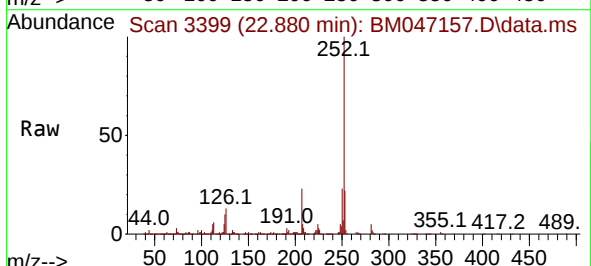
Tgt Ion:252 Resp: 942963

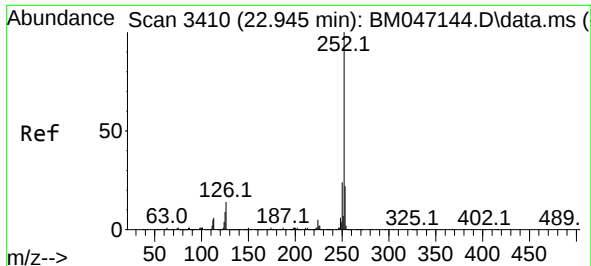
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

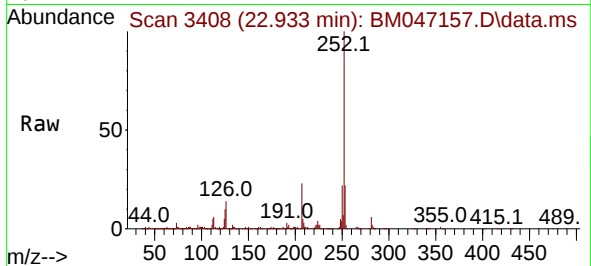
125 9.8 7.4 11.0





#89
Benzo(k)fluoranthene
Concen: 7.996 ng
RT: 22.933 min Scan# 3410
Delta R.T. -0.012 min
Lab File: BM047157.D
Acq: 12 Aug 2024 15:05

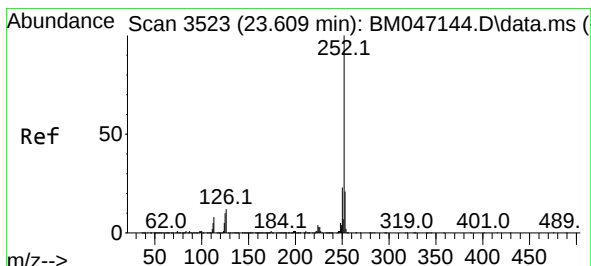
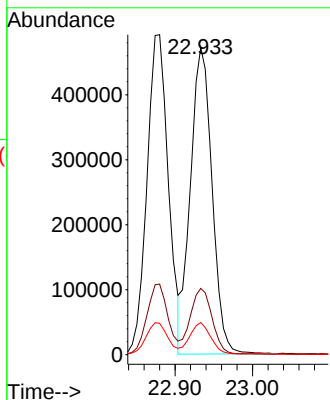
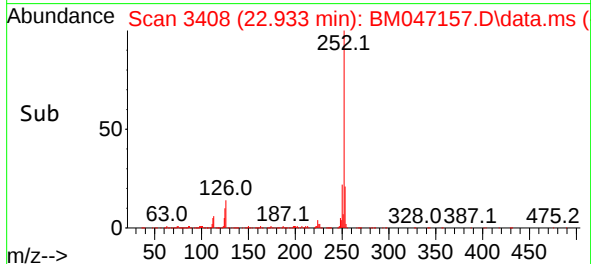
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024



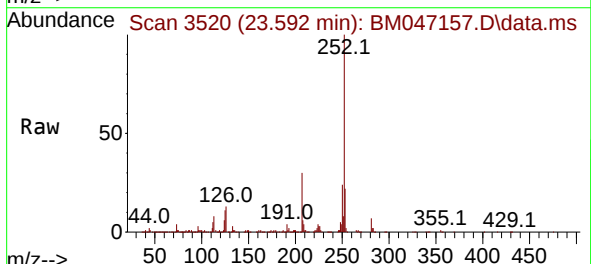
Tgt Ion:252 Resp: 914059
Ion Ratio Lower Upper
252 100
253 21.5 17.7 26.5
125 10.5 7.4 11.2

Manual Integrations
APPROVED

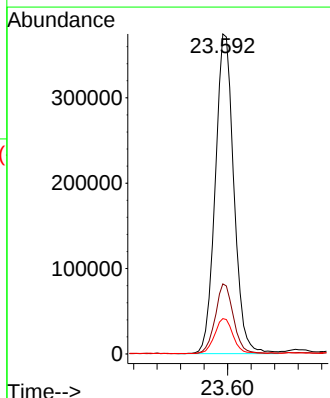
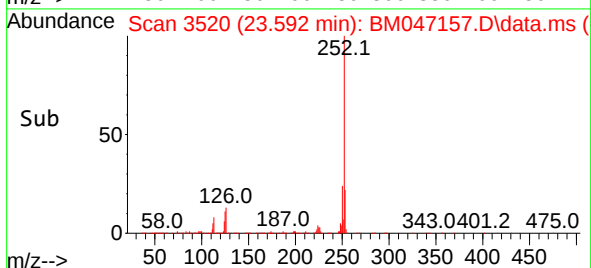
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024

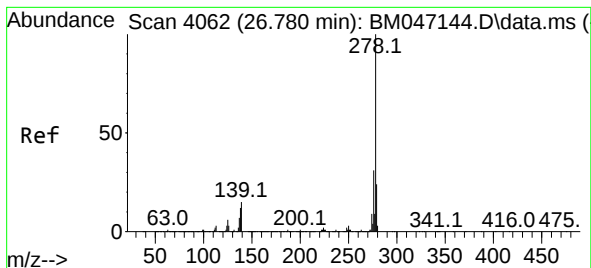


#90
Benzo(a)pyrene
Concen: 7.832 ng
RT: 23.592 min Scan# 3520
Delta R.T. -0.017 min
Lab File: BM047157.D
Acq: 12 Aug 2024 15:05



Tgt Ion:252 Resp: 821122
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 11.0 8.2 12.2





#91

Dibenzo(a,h)anthracene

Concen: 8.228 ng

RT: 26.756 min Scan# 4062

Delta R.T. -0.023 min

Lab File: BM047157.D

Acq: 12 Aug 2024 15:05

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2024

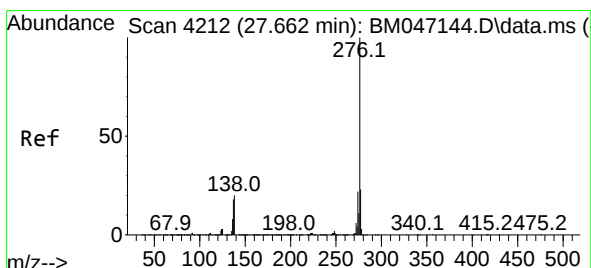
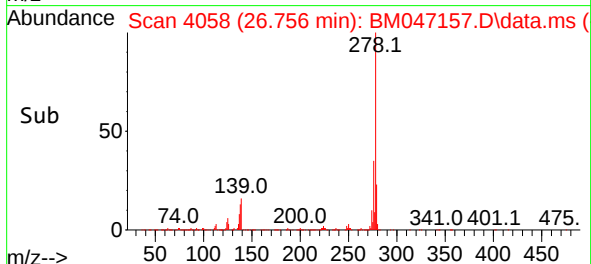
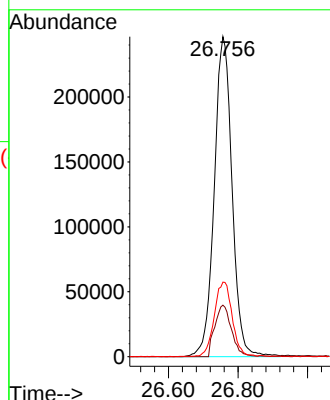
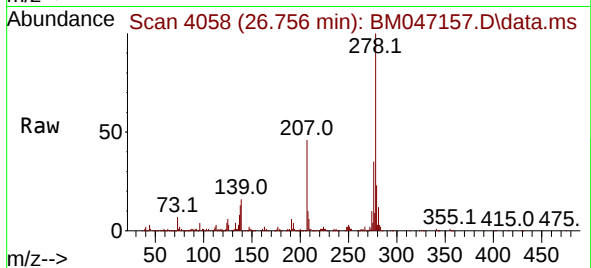
Tgt Ion:	278	Resp:	87713
Ion Ratio	Lower	Upper	
278	100		
139	16.1	12.0	18.0
279	23.3	19.2	28.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/14/2024



#92

Benzo(g,h,i)perylene

Concen: 7.808 ng

RT: 27.633 min Scan# 4207

Delta R.T. -0.029 min

Lab File: BM047157.D

Acq: 12 Aug 2024 15:05

Tgt Ion:	276	Resp:	864253
Ion Ratio	Lower	Upper	
276	100		
277	23.6	18.8	28.2
138	21.3	16.2	24.4

