

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021224\
 Data File : BM044064.D
 Acq On : 12 Feb 2024 19:31
 Operator : MA/JU
 Sample : P1187-09
 Misc : MDL-MDL-WATER-4PPM
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT1-2024

Quant Time: Feb 13 00:49:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 09 02:42:01 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/14/2024
 Supervised By :mohammad ahmed 02/14/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	407336	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	1949705	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	1185302	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	2326424	20.000	ng	0.00
76) Chrysene-d12	21.503	240	1916236	20.000	ng	0.00
86) Perylene-d12	23.897	264	2119052	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	3914475	139.770	ng	0.00
7) Phenol-d6	7.075	99	5469888	153.502	ng	0.00
23) Nitrobenzene-d5	9.075	82	2985539	81.255	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	1706502	132.972	ng	0.00
45) 2-Fluorobiphenyl	13.180	172	6621344	78.839	ng	0.00
79) Terphenyl-d14	19.944	244	8410423	76.941	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	47150	4.242	ng	98
3) Pyridine	3.793	79	113431	3.866	ng	97
4) n-Nitrosodimethylamine	3.710	42	43117	3.873	ng	# 91
6) Aniline	7.239	93	180919	5.164	ng	98
8) 2-Chlorophenol	7.469	128	114245	3.906	ng	98
9) Benzaldehyde	7.057	77	102281m	5.585	ng	
10) Phenol	7.098	94	163717	4.552	ng	90
11) bis(2-Chloroethyl)ether	7.339	93	127781	4.291	ng	99
12) 1,3-Dichlorobenzene	7.792	146	120545	3.630	ng	99
13) 1,4-Dichlorobenzene	7.939	146	124125	3.708	ng	99
14) 1,2-Dichlorobenzene	8.257	146	118393	3.712	ng	99
15) Benzyl Alcohol	8.151	79	106863m	4.606	ng	
16) 2,2'-oxybis(1-Chloropr...	8.445	45	172766	4.576	ng	97
17) 2-Methylphenol	8.351	107	100526	4.258	ng	97
18) Hexachloroethane	8.975	117	43291	3.454	ng	95
19) n-Nitroso-di-n-propyla...	8.722	70	101560	4.641	ng	99
20) 3+4-Methylphenols	8.681	107	135497	4.170	ng	98
22) Acetophenone	8.733	105	202455	4.091	ng	# 96
24) Nitrobenzene	9.116	77	148337	3.942	ng	97
25) Isophorone	9.639	82	264476	3.738	ng	98
26) 2-Nitrophenol	9.828	139	53753	3.081	ng	98
27) 2,4-Dimethylphenol	9.886	122	96735	4.337	ng	95
28) bis(2-Chloroethoxy)met...	10.133	93	180685	3.949	ng	99
29) 2,4-Dichlorophenol	10.357	162	101971	3.472	ng	96
30) 1,2,4-Trichlorobenzene	10.569	180	115812	3.507	ng	99
31) Naphthalene	10.757	128	397317	3.692	ng	100
33) 4-Chloroaniline	10.874	127	160662	3.943	ng	98
34) Hexachlorobutadiene	11.033	225	63881	3.380	ng	99
35) Caprolactam	11.645	113	28535	3.020	ng	95
36) 4-Chloro-3-methylphenol	11.998	107	108030	3.397	ng	99
37) 2-Methylnaphthalene	12.368	142	274380	3.828	ng	99
38) 1-Methylnaphthalene	12.592	142	262876	3.732	ng	99
40) 1,2,4,5-Tetrachloroben...	12.733	216	131134	3.806	ng	99
41) Hexachlorocyclopentadiene	12.710	237	58014	3.858	ng	94
43) 2,4,6-Trichlorophenol	12.980	196	71887	3.066	ng	98
44) 2,4,5-Trichlorophenol	13.045	196	81675	3.174	ng	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.386	154	360129	3.850	ng	99
47) 2-Chloronaphthalene	13.421	162	274833	3.710	ng	98
48) 2-Nitroaniline	13.633	65	64431	3.091	ng #	79
49) Acenaphthylene	14.268	152	433551	3.922	ng	99
50) Dimethylphthalate	14.015	163	326706	3.717	ng	99
51) 2,6-Dinitrotoluene	14.139	165	60040	3.097	ng	92
52) Acenaphthene	14.610	154	253327	3.703	ng	97
53) 3-Nitroaniline	14.462	138	61003	2.928	ng #	89
54) 2,4-Dinitrophenol	14.668	184	18309	7.051	ng	91
55) Dibenzofuran	14.945	168	419385	3.961	ng	99
56) 4-Nitrophenol	14.768	139	41080	2.425	ng	88
57) 2,4-Dinitrotoluene	14.921	165	69652	2.748	ng	94
58) Fluorene	15.598	166	318649	3.895	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.174	232	71407	3.537	ng	98
60) Diethylphthalate	15.380	149	314478	3.462	ng	99
61) 4-Chlorophenyl-phenyle...	15.598	204	154386	3.894	ng	98
62) 4-Nitroaniline	15.627	138	57986	2.764	ng	100
63) Azobenzene	15.892	77	298683	3.505	ng	97
65) 4,6-Dinitro-2-methylph...	15.680	198	29131	2.101	ng	92
66) n-Nitrosodiphenylamine	15.815	169	259222	3.668	ng	98
67) 4-Bromophenyl-phenylether	16.498	248	74979	3.260	ng	100
68) Hexachlorobenzene	16.592	284	101636	3.607	ng	99
69) Atrazine	16.774	200	78412	4.097	ng	97
70) Pentachlorophenol	16.945	266	44484	2.427	ng	95
71) Phenanthrene	17.345	178	486984	3.964	ng	100
72) Anthracene	17.433	178	455003	3.741	ng	99
73) Carbazole	17.709	167	417463	3.529	ng	98
74) Di-n-butylphthalate	18.286	149	463664	3.016	ng	99
75) Fluoranthene	19.362	202	490806	3.557	ng	98
77) Benzidine	19.562	184	103527	3.477	ng	97
78) Pyrene	19.727	202	508928	3.448	ng	99
80) Butylbenzylphthalate	20.650	149	168785	2.573	ng	99
81) Benzo(a)anthracene	21.486	228	489213	3.670	ng	98
82) 3,3'-Dichlorobenzidine	21.427	252	149811	3.425	ng	98
83) Chrysene	21.538	228	457423	3.632	ng	99
84) Bis(2-ethylhexyl)phtha...	21.439	149	270695	2.797	ng	99
85) Di-n-octyl phthalate	22.374	149	400214	2.368	ng	98
87) Indeno(1,2,3-cd)pyrene	26.373	276	530257	3.536	ng	99
88) Benzo(b)fluoranthene	23.168	252	458144	3.459	ng	100
89) Benzo(k)fluoranthene	23.215	252	452136	3.592	ng	99
90) Benzo(a)pyrene	23.791	252	386094	3.337	ng	98
91) Dibenzo(a,h)anthracene	26.403	278	442820	3.530	ng	99
92) Benzo(g,h,i)perylene	27.138	276	433292	3.406	ng	97

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

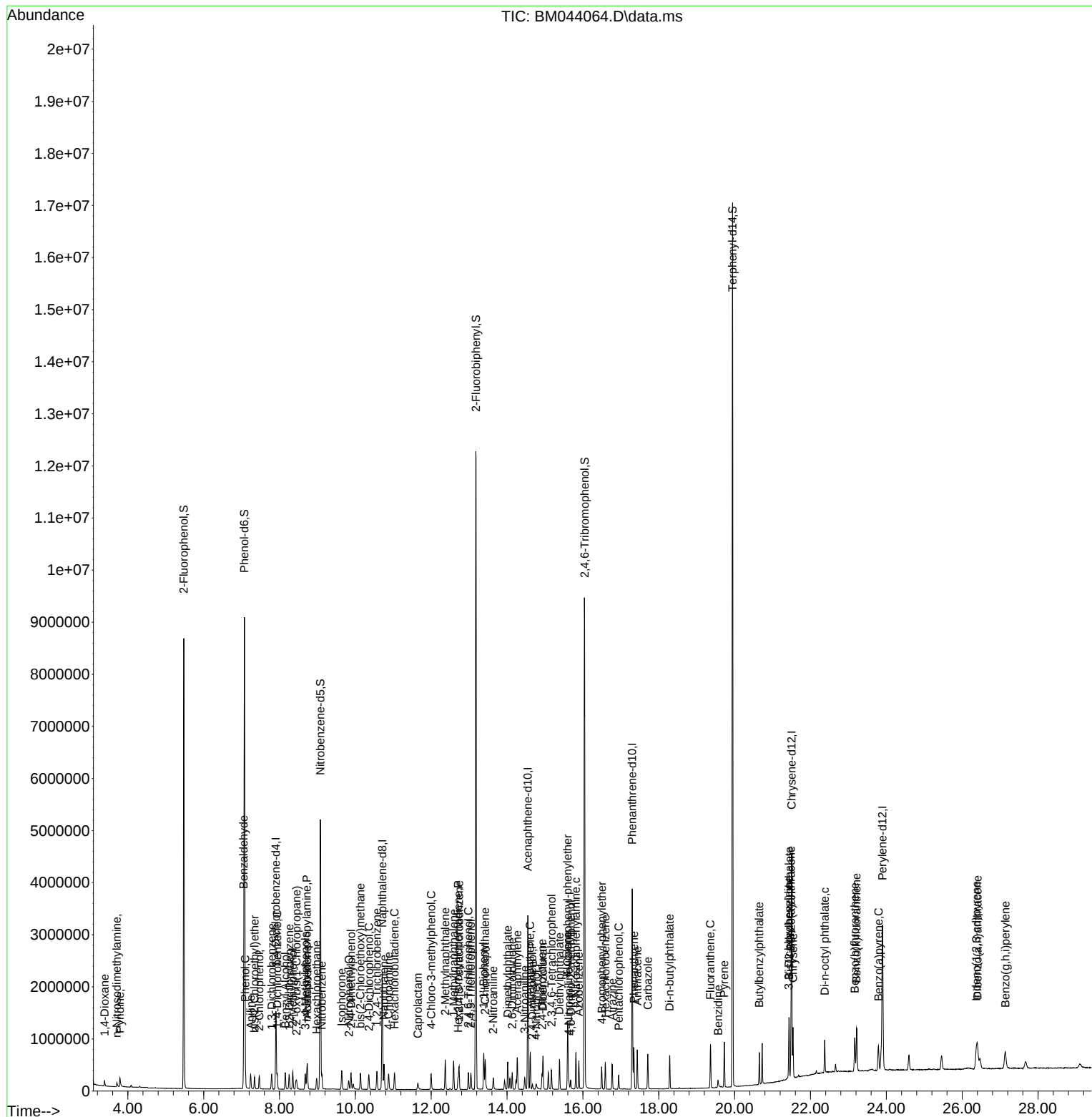
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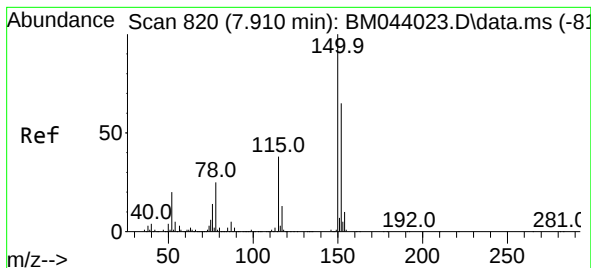
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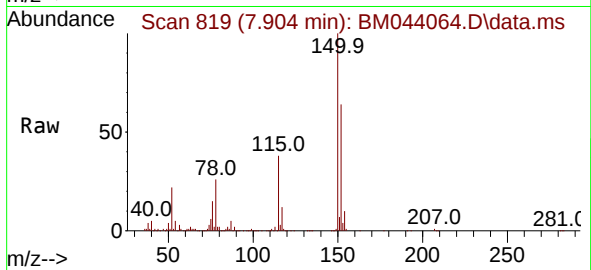
Reviewed By :Yogesh Patel 02/14/2024
 Supervised By :mohammad ahmed 02/14/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.904 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM044064.D
Acq: 12 Feb 2024 19:31

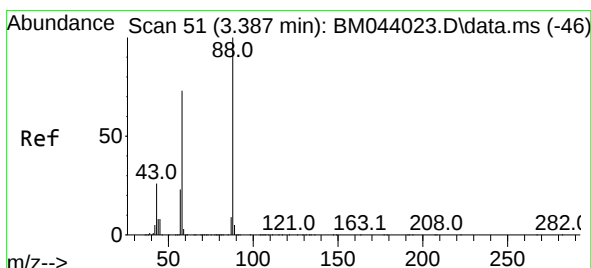
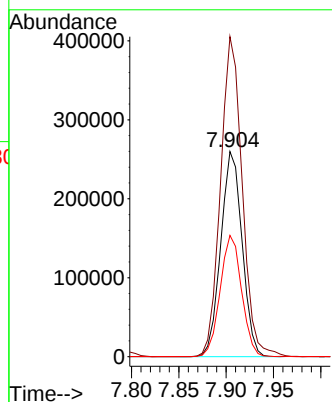
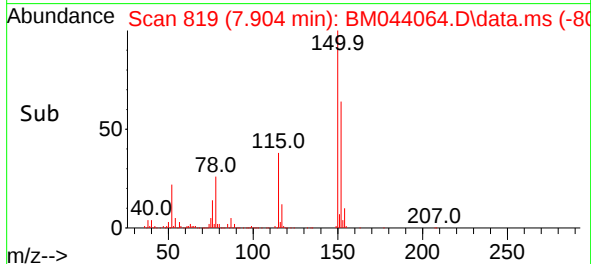
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion:152 Resp: 407330
Ion Ratio Lower Upper
152 100
150 156.0 122.7 184.1
115 59.1 47.0 70.6

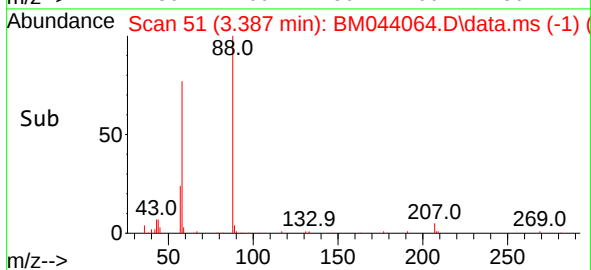
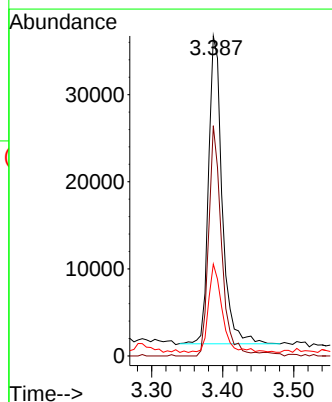
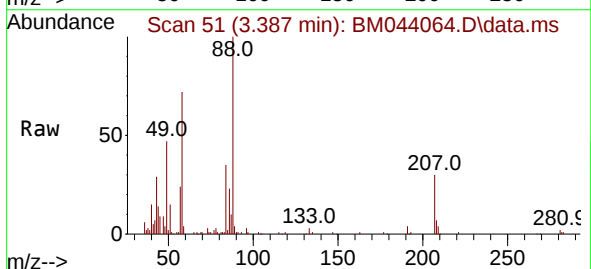
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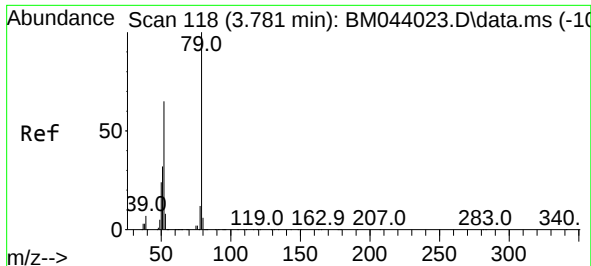
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#2
1,4-Dioxane
Concen: 4.242 ng
RT: 3.387 min Scan# 51
Delta R.T. -0.000 min
Lab File: BM044064.D
Acq: 12 Feb 2024 19:31

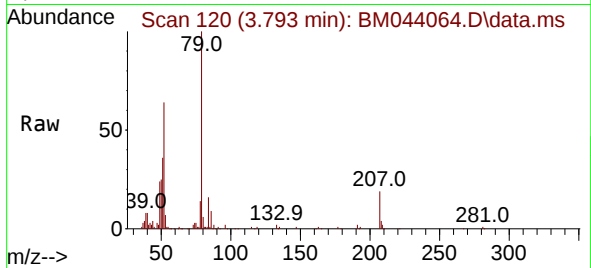
Tgt Ion: 88 Resp: 47150
Ion Ratio Lower Upper
88 100
58 72.2 58.1 87.1
43 29.5 21.1 31.7





#3
Pyridine
Concen: 3.866 ng
RT: 3.793 min Scan# 118
Delta R.T. 0.012 min
Lab File: BM044064.D
Acq: 12 Feb 2024 19:31

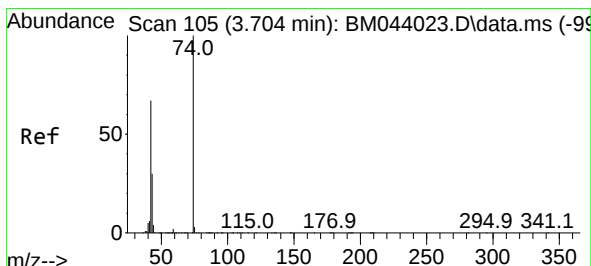
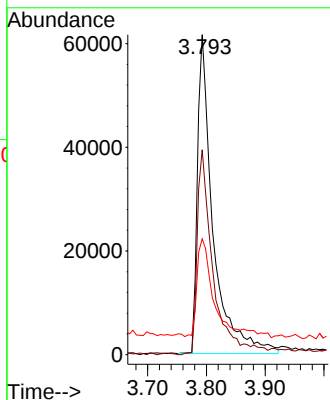
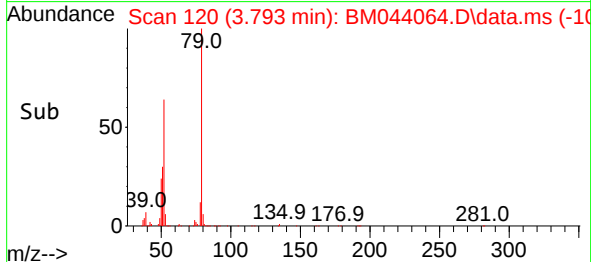
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2024



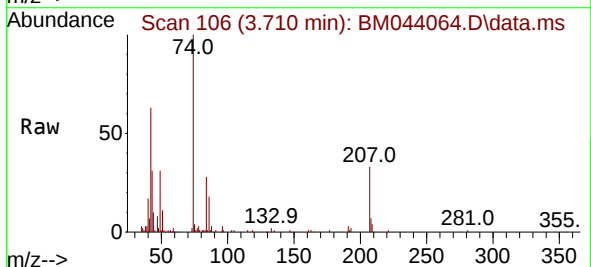
Tgt Ion: 79 Resp: 11343
Ion Ratio Lower Upper
79 100
52 64.0 52.2 78.2
51 36.2 26.2 39.4

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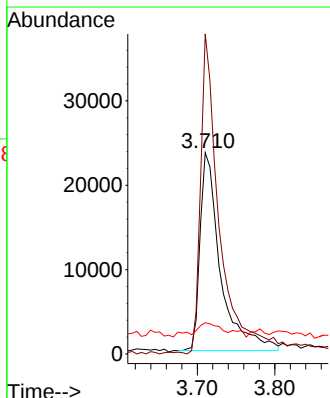
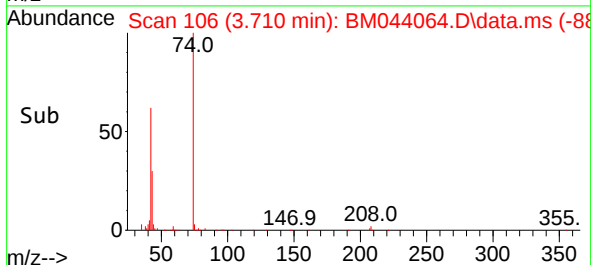
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024

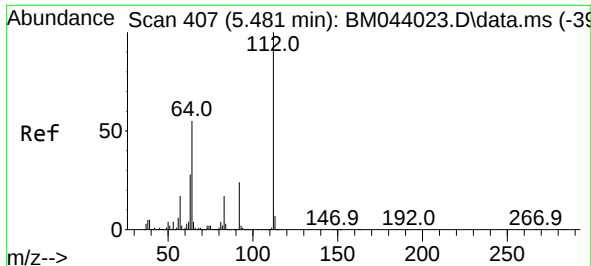


#4
n-Nitrosodimethylamine
Concen: 3.873 ng
RT: 3.710 min Scan# 106
Delta R.T. 0.006 min
Lab File: BM044064.D
Acq: 12 Feb 2024 19:31



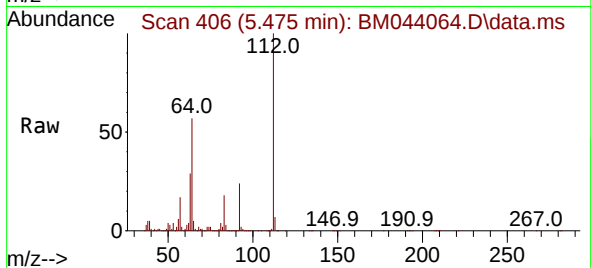
Tgt Ion: 42 Resp: 43117
Ion Ratio Lower Upper
42 100
74 159.0 118.6 178.0
44 15.5 5.6 8.4#





#5
2-Fluorophenol
Concen: 139.770 ng
RT: 5.475 min Scan# 407
Delta R.T. -0.006 min
Lab File: BM044064.D
Acq: 12 Feb 2024 19:31

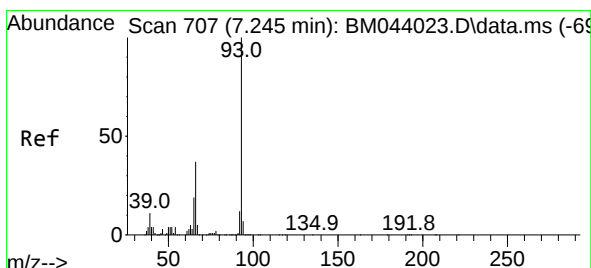
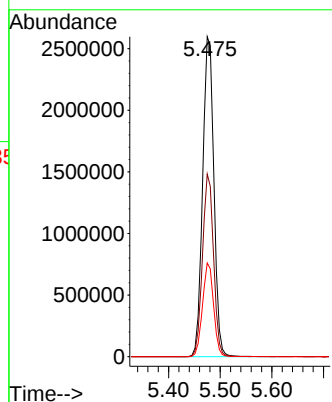
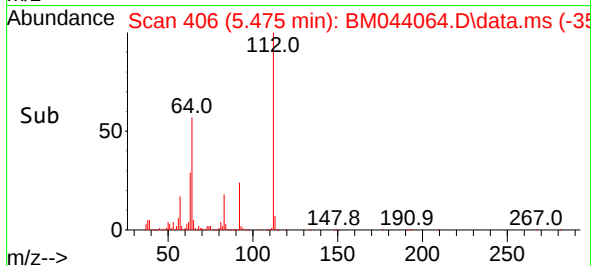
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion:112 Resp: 3914475
Ion Ratio Lower Upper
112 100
64 57.1 44.2 66.4
63 29.3 22.6 34.0

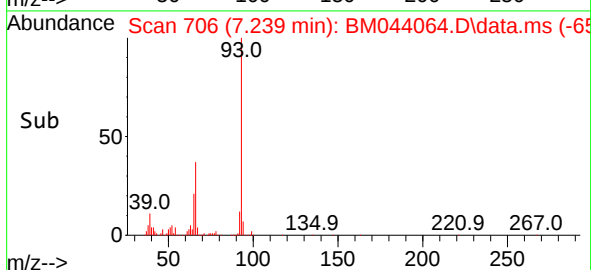
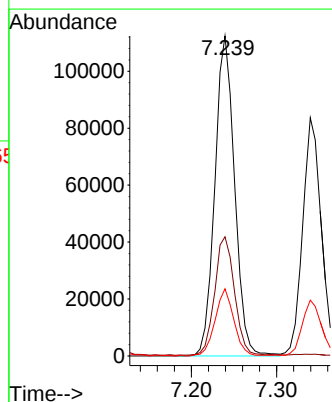
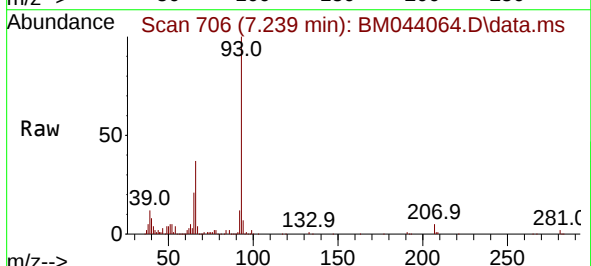
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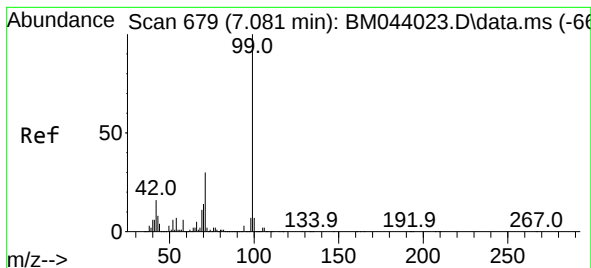
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#6
Aniline
Concen: 5.164 ng
RT: 7.239 min Scan# 706
Delta R.T. -0.006 min
Lab File: BM044064.D
Acq: 12 Feb 2024 19:31

Tgt Ion: 93 Resp: 180919
Ion Ratio Lower Upper
93 100
66 37.3 29.4 44.0
65 21.0 15.2 22.8





#7

Phenol-d6

Concen: 153.502 ng

RT: 7.075 min Scan# 61

Delta R.T. -0.006 min

Lab File: BM044064.D

Acq: 12 Feb 2024 19:31

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2024

Tgt Ion: 99 Resp: 546988

Ion Ratio Lower Upper

99 100

42 16.3 12.9 19.3

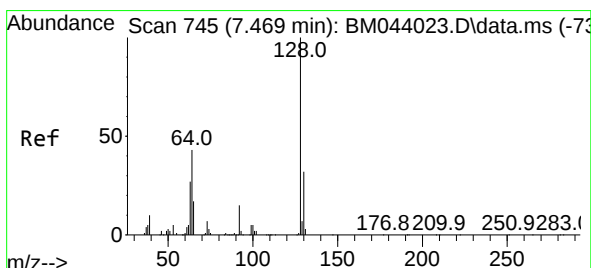
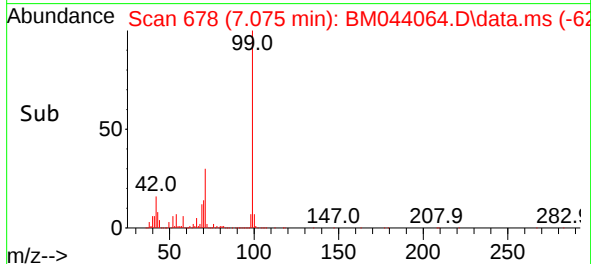
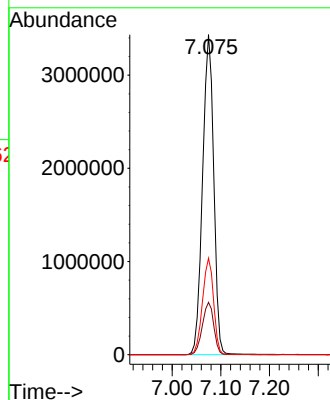
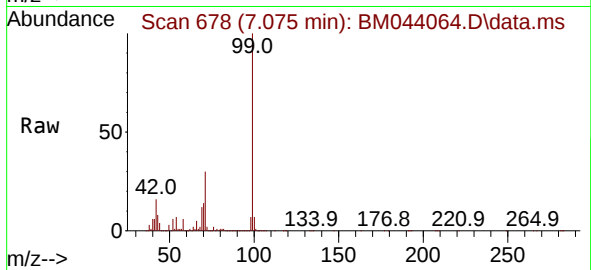
71 30.2 23.9 35.9

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 02/14/2024



#8

2-Chlorophenol

Concen: 3.906 ng

RT: 7.469 min Scan# 745

Delta R.T. -0.000 min

Lab File: BM044064.D

Acq: 12 Feb 2024 19:31

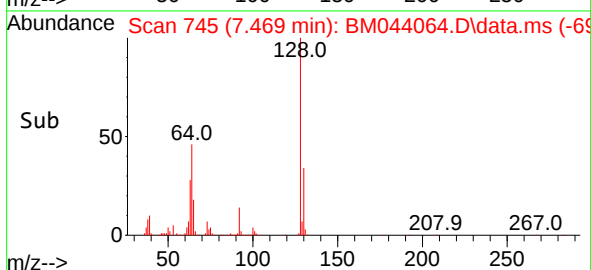
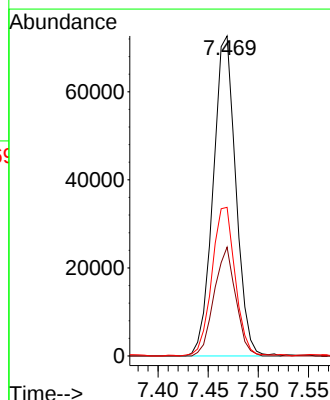
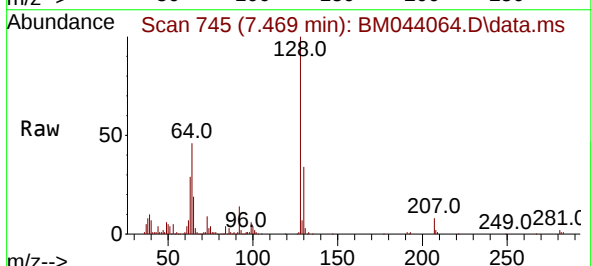
Tgt Ion:128 Resp: 114245

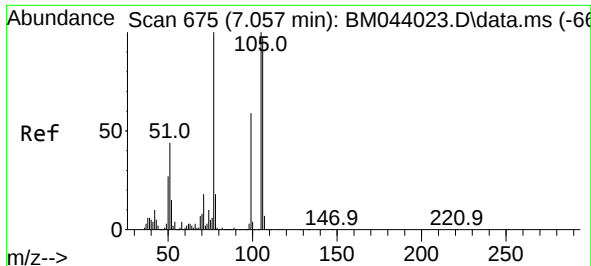
Ion Ratio Lower Upper

128 100

130 34.0 12.1 52.1

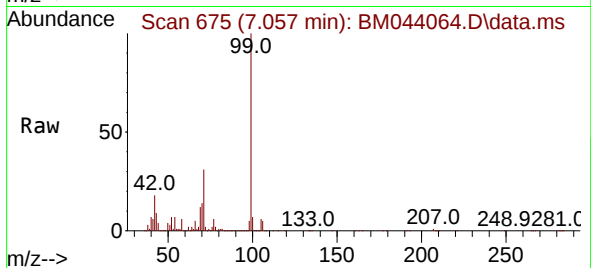
64 46.4 26.0 66.0





#9
Benzaldehyde
Concen: 5.585 ng m
RT: 7.057 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM044064.D
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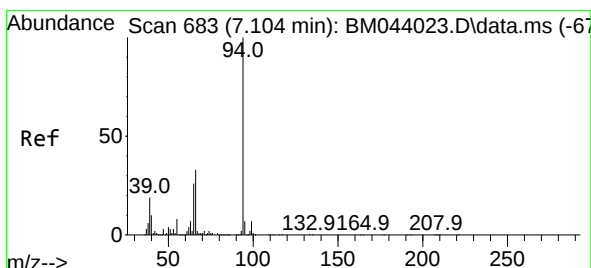
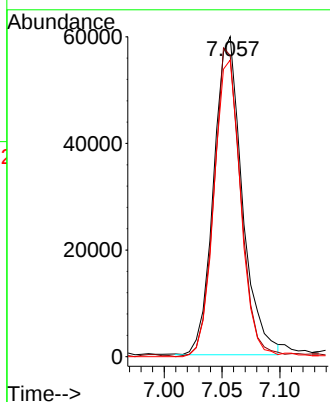
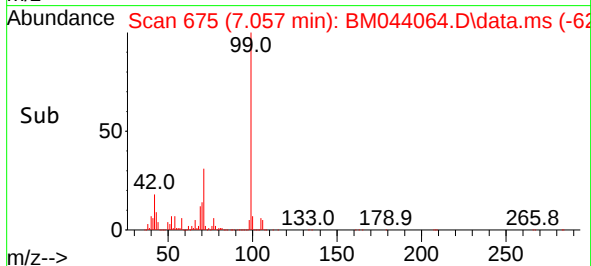
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MDL-WATER-03-QT1-2024



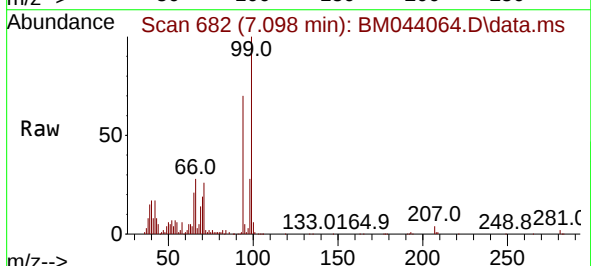
Tgt Ion: 77 Resp: 10228
Ion Ratio Lower Upper
77 100
105 94.2 80.0 120.0
106 92.7 76.8 116.8

Manual Integrations
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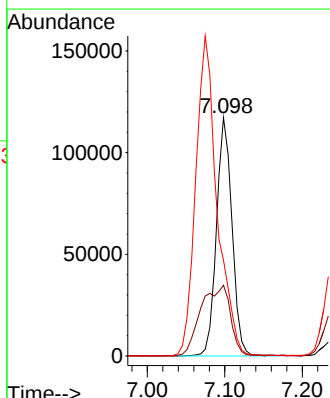
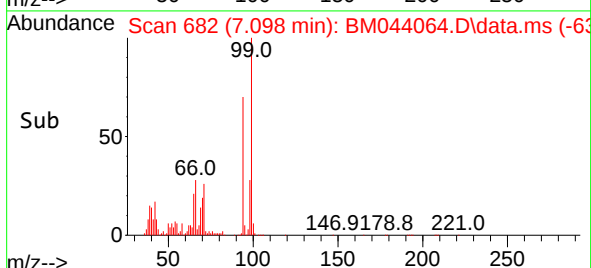
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#10
Phenol
Concen: 4.552 ng
RT: 7.098 min Scan# 682
Delta R.T. -0.006 min
Lab File: BM044064.D
Acq: 12 Feb 2024 19:31



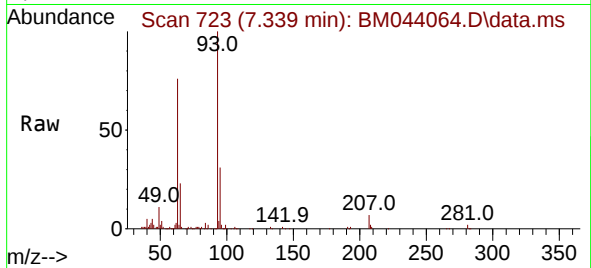
Tgt Ion: 94 Resp: 163717
Ion Ratio Lower Upper
94 100
65 29.7 6.4 46.4
66 40.2 13.2 53.2





#11
bis(2-Chloroethyl)ether
Concen: 4.291 ng
RT: 7.339 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM044064.D
Acq: 12 Feb 2024 19:31

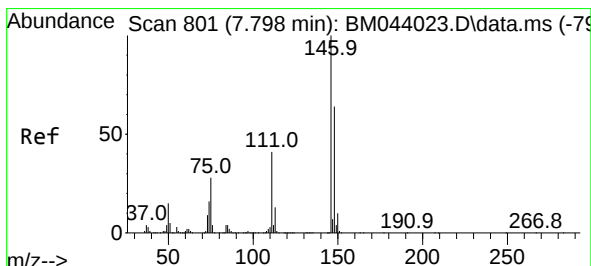
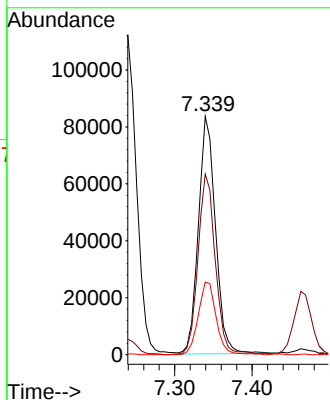
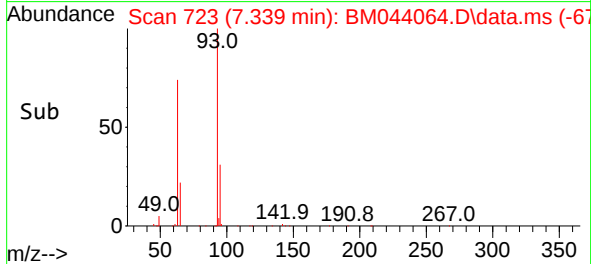
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion: 93 Resp: 12778
Ion Ratio Lower Upper
93 100
63 75.9 55.9 95.9
95 30.5 13.0 53.0

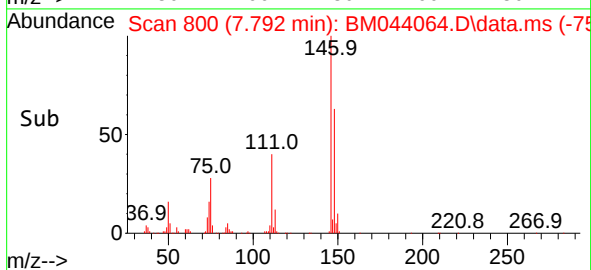
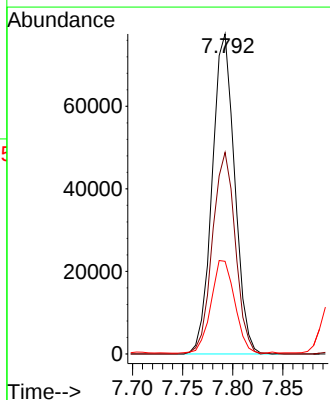
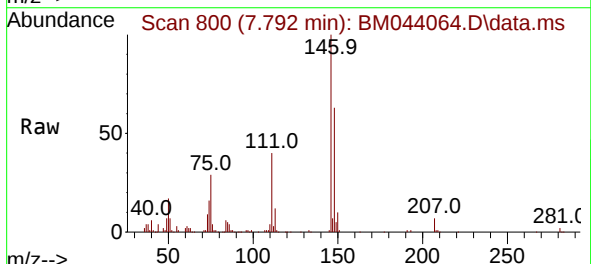
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#12
1,3-Dichlorobenzene
Concen: 3.630 ng
RT: 7.792 min Scan# 800
Delta R.T. -0.006 min
Lab File: BM044064.D
Acq: 12 Feb 2024 19:31

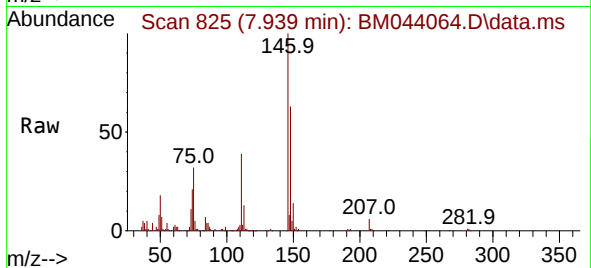
Tgt Ion:146 Resp: 120545
Ion Ratio Lower Upper
146 100
148 63.0 51.3 76.9
75 28.9 22.7 34.1





#13
1,4-Dichlorobenzene
Concen: 3.708 ng
RT: 7.939 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM044064.D
Acq: 12 Feb 2024 19:31

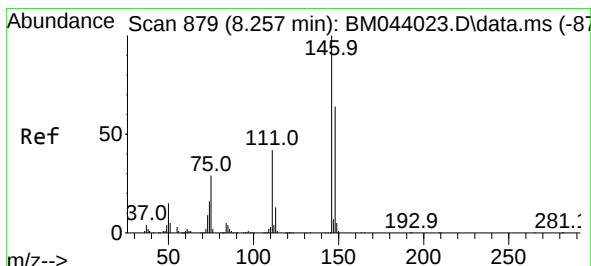
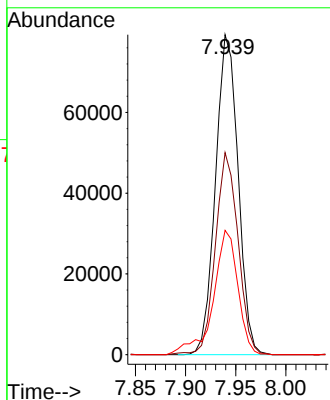
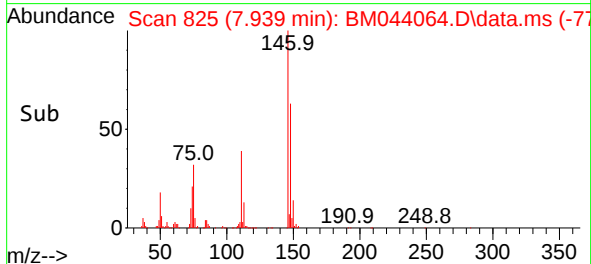
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion:146 Resp: 12412
Ion Ratio Lower Upper
146 100
148 63.1 51.2 76.8
111 38.9 31.2 46.8

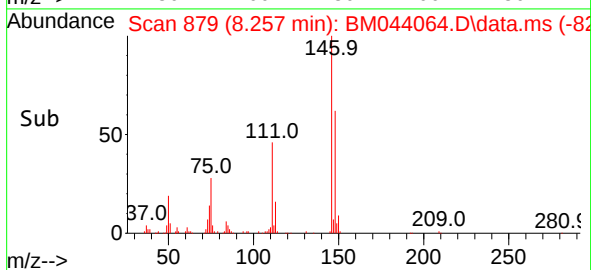
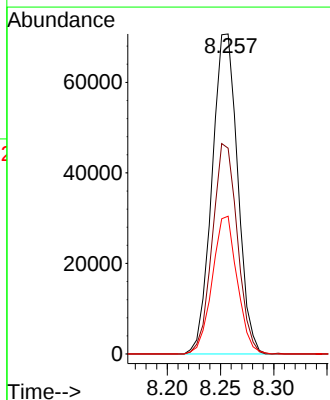
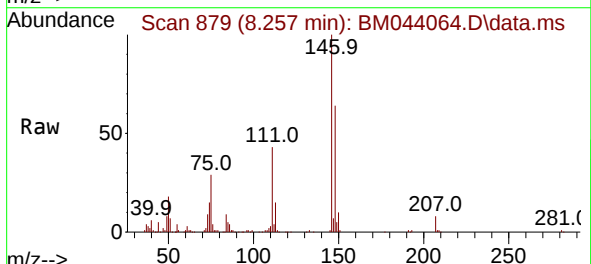
Manual Integrations
APPROVED

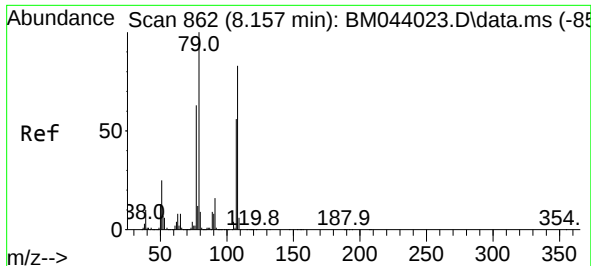
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#14
1,2-Dichlorobenzene
Concen: 3.712 ng
RT: 8.257 min Scan# 879
Delta R.T. -0.000 min
Lab File: BM044064.D
Acq: 12 Feb 2024 19:31

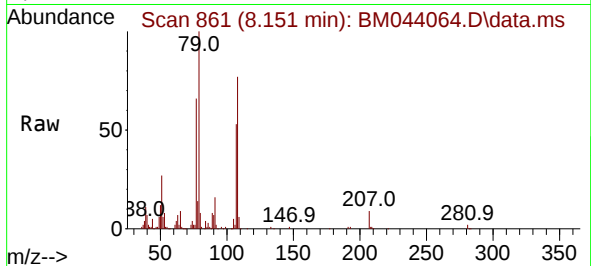
Tgt Ion:146 Resp: 118393
Ion Ratio Lower Upper
146 100
148 64.3 51.4 77.2
111 43.0 33.7 50.5





#15
Benzyl Alcohol
Concen: 4.606 ng m
RT: 8.151 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM044064.D
Acq: 12 Feb 2024 19:31

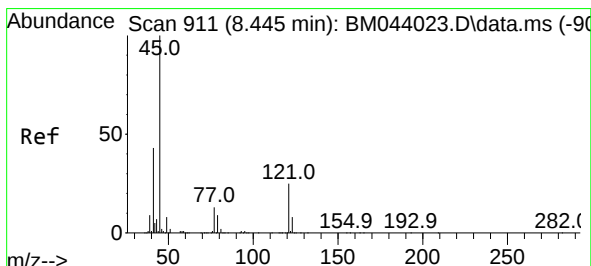
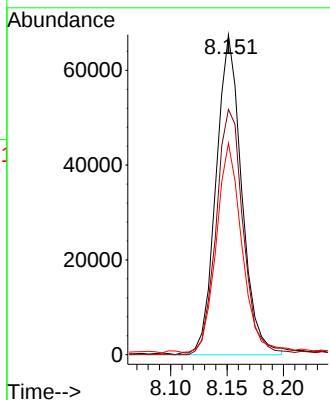
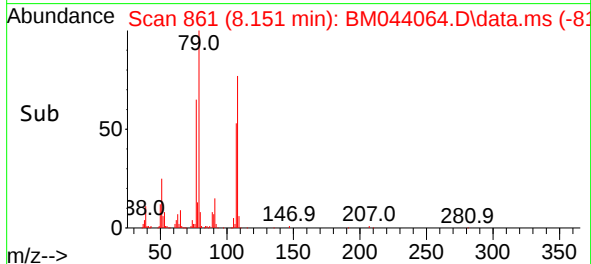
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2024



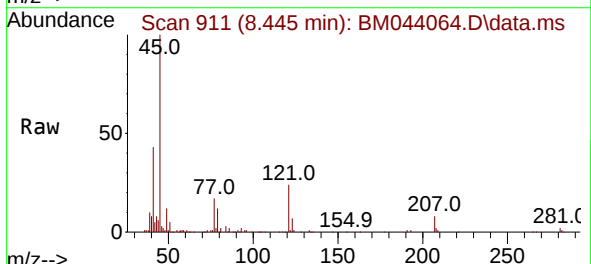
Tgt Ion: 79 Resp: 10686
Ion Ratio Lower Upper
79 100
108 76.6 66.0 99.0
77 66.1 50.4 75.6

Manual Integrations
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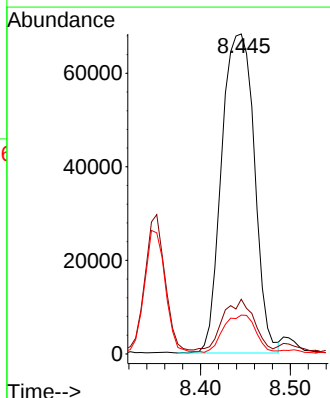
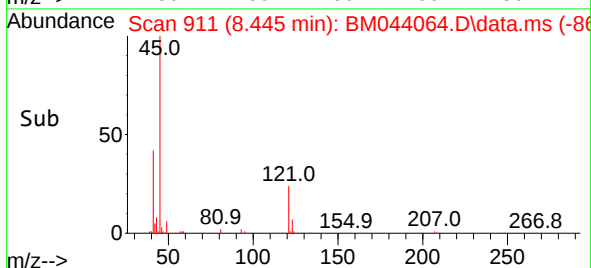
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024

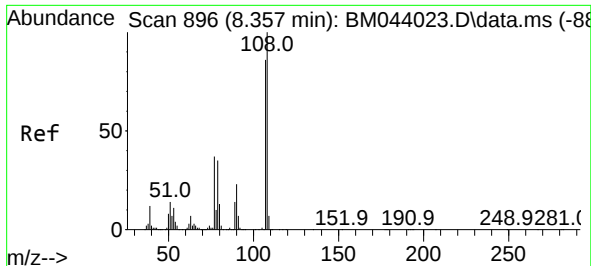


#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.576 ng
RT: 8.445 min Scan# 911
Delta R.T. -0.000 min
Lab File: BM044064.D
Acq: 12 Feb 2024 19:31



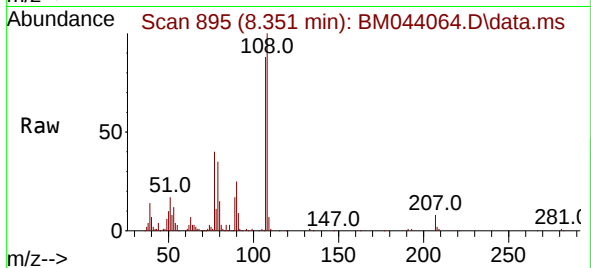
Tgt Ion: 45 Resp: 172766
Ion Ratio Lower Upper
45 100
77 17.1 0.0 35.1
79 12.1 0.0 31.5





#17
2-Methylphenol
Concen: 4.258 ng
RT: 8.351 min Scan# 896
Delta R.T. -0.006 min
Lab File: BM044064.D
Acq: 12 Feb 2024 19:31

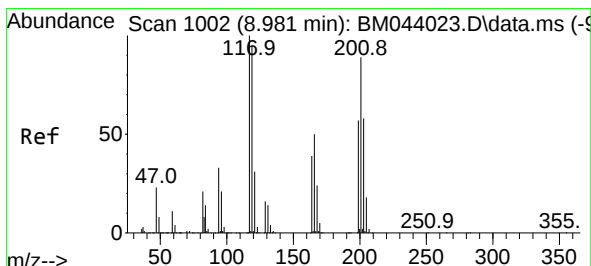
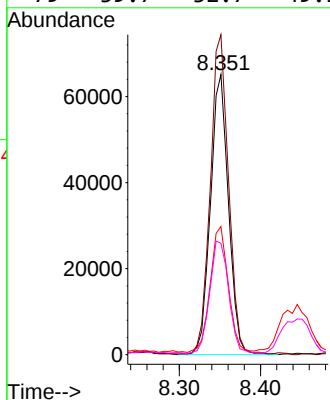
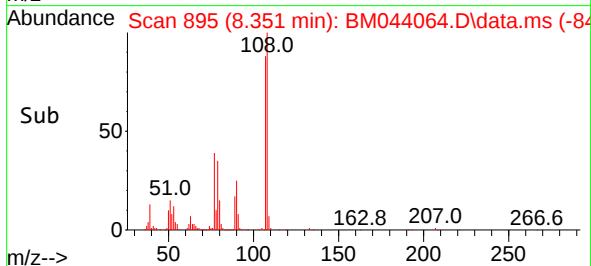
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT1-2024



Tgt Ion:107 Resp: 100520
Ion Ratio Lower Upper
107 100
108 114.2 93.4 140.2
77 45.7 34.7 52.1
79 39.7 32.7 49.1

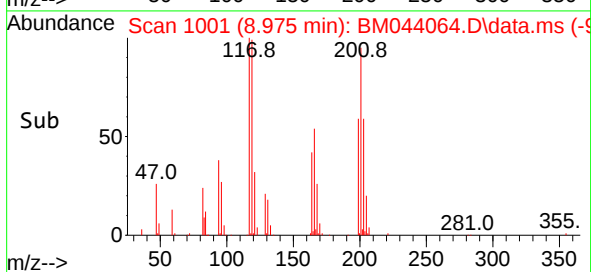
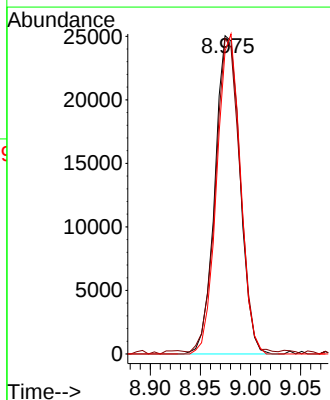
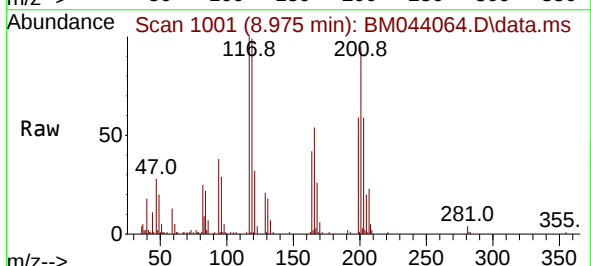
Manual Integrations
APPROVED

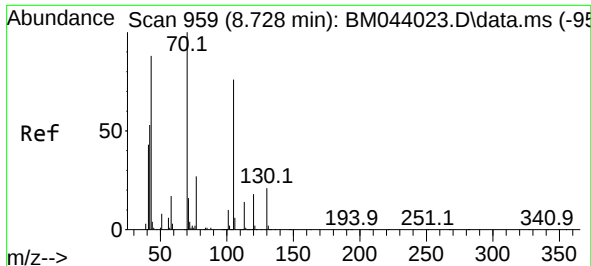
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#18
Hexachloroethane
Concen: 3.454 ng
RT: 8.975 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BM044064.D
Acq: 12 Feb 2024 19:31

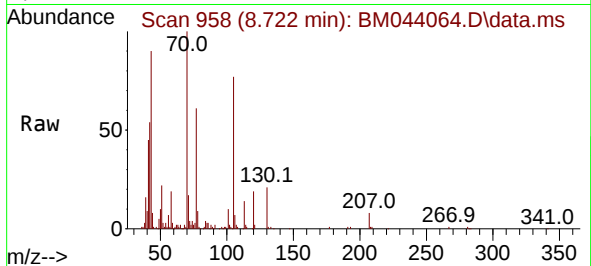
Tgt Ion:117 Resp: 43291
Ion Ratio Lower Upper
117 100
119 99.1 75.7 113.5
201 95.2 71.5 107.3





#19
n-Nitroso-di-n-propylamine
Concen: 4.641 ng
RT: 8.722 min Scan# 911
Delta R.T. -0.006 min
Lab File: BM044064.D
Acq: 12 Feb 2024 19:31

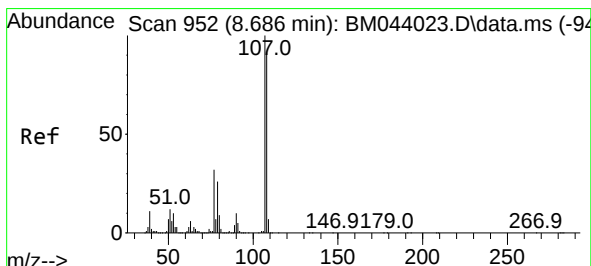
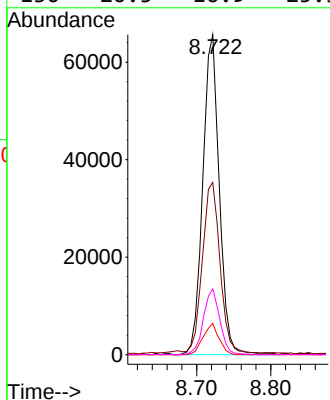
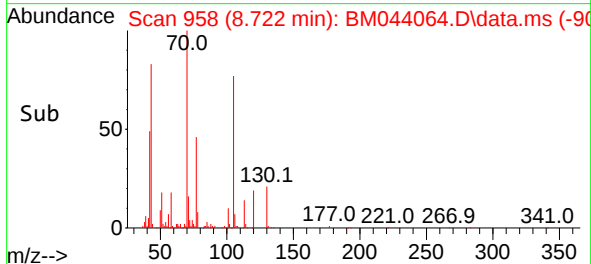
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion: 70 Resp: 101560
Ion Ratio Lower Upper
70 100
42 53.9 42.6 64.0
101 9.8 7.8 11.6
130 20.5 16.9 25.3

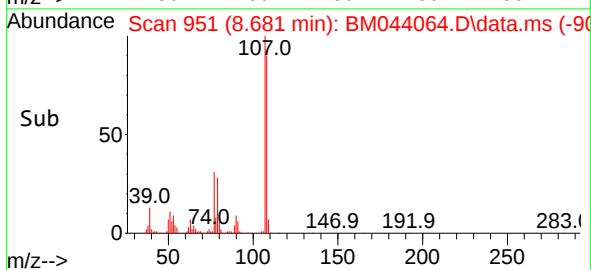
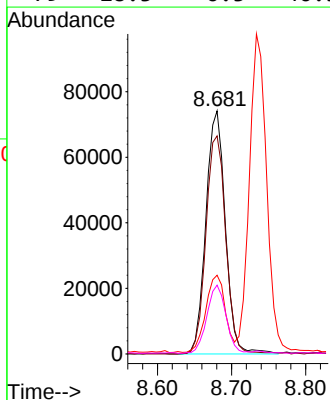
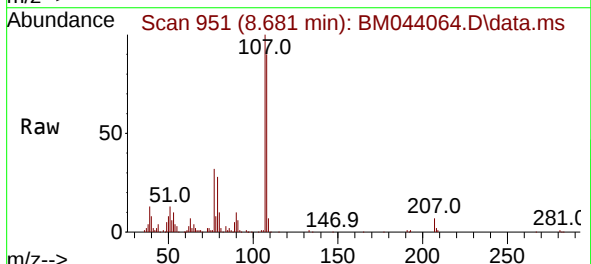
Manual Integrations
APPROVED

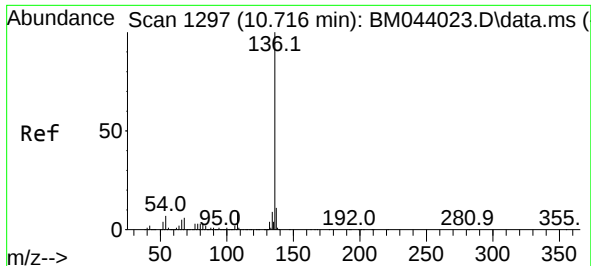
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#20
3+4-Methylphenols
Concen: 4.170 ng
RT: 8.681 min Scan# 951
Delta R.T. -0.006 min
Lab File: BM044064.D
Acq: 12 Feb 2024 19:31

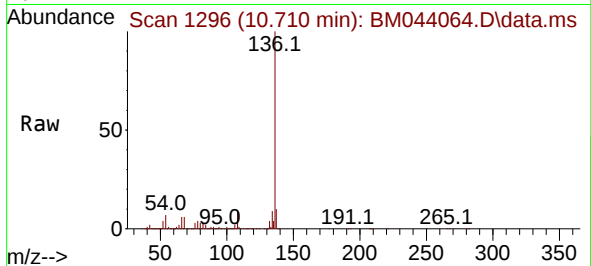
Tgt Ion:107 Resp: 135497
Ion Ratio Lower Upper
107 100
108 89.8 71.5 111.5
77 32.4 11.8 51.8
79 28.3 6.3 46.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BM044064.D
Acq: 12 Feb 2024 19:31

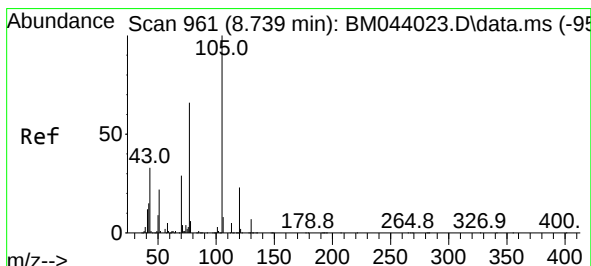
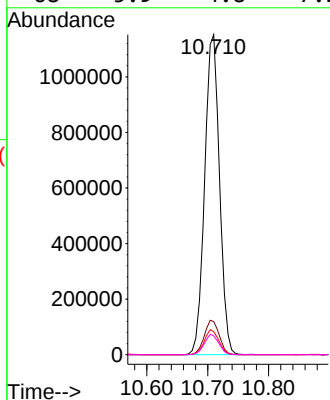
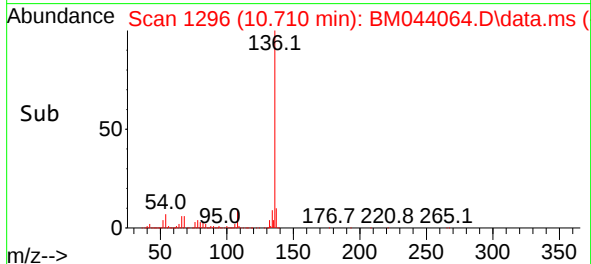
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion:136 Resp: 194970
Ion Ratio Lower Upper
136 100
137 10.4 8.9 13.3
54 7.2 5.9 8.9
68 5.9 4.8 7.2

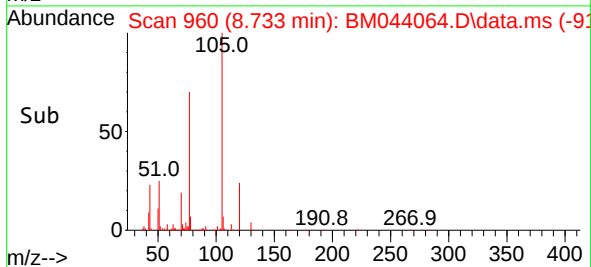
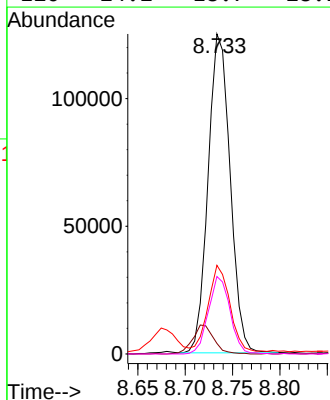
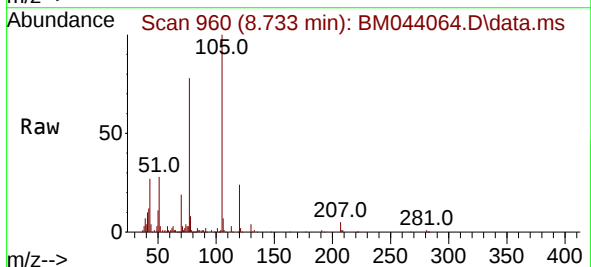
Manual Integrations
APPROVED

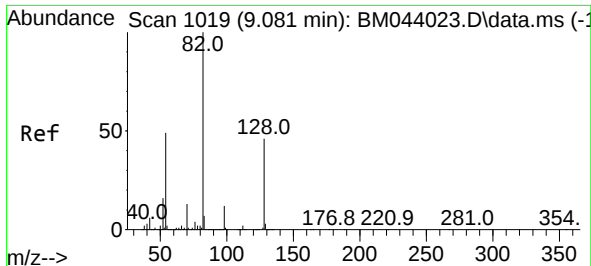
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#22
Acetophenone
Concen: 4.091 ng
RT: 8.733 min Scan# 960
Delta R.T. -0.006 min
Lab File: BM044064.D
Acq: 12 Feb 2024 19:31

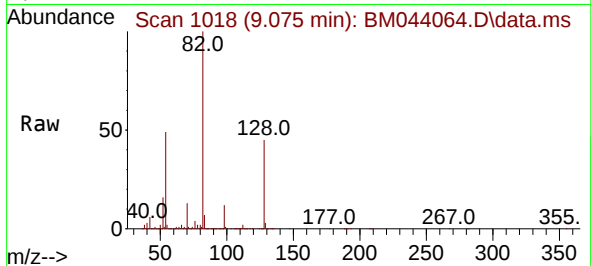
Tgt Ion:105 Resp: 202455
Ion Ratio Lower Upper
105 100
71 3.3 4.0 6.0#
51 27.7 20.1 30.1
120 24.2 18.7 28.1





#23
Nitrobenzene-d5
Concen: 81.255 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BM044064.D
Acq: 12 Feb 2024 19:31

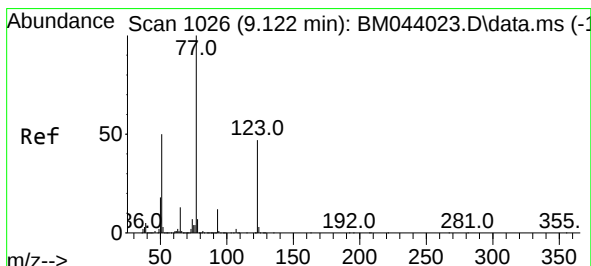
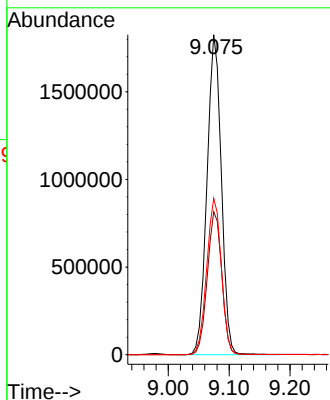
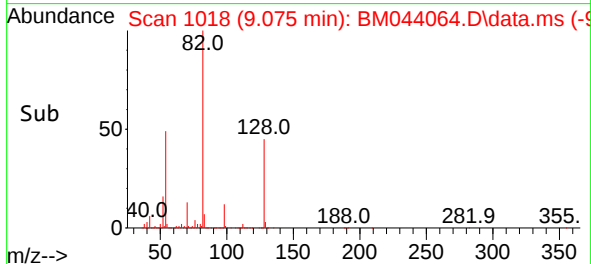
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion: 82 Resp: 2985539
Ion Ratio Lower Upper
82 100
128 44.6 37.1 55.7
54 48.8 38.9 58.3

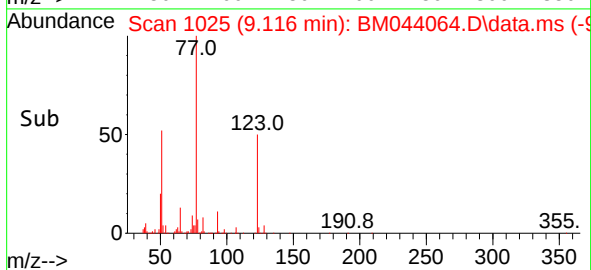
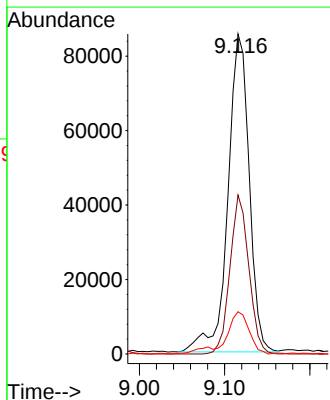
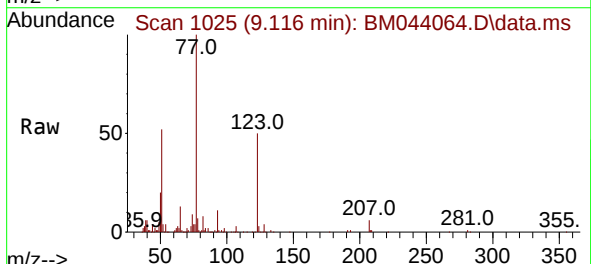
Manual Integrations
APPROVED

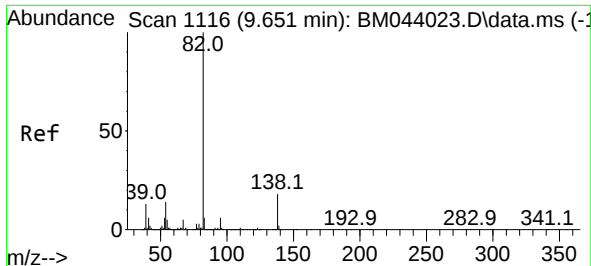
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#24
Nitrobenzene
Concen: 3.942 ng
RT: 9.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BM044064.D
Acq: 12 Feb 2024 19:31

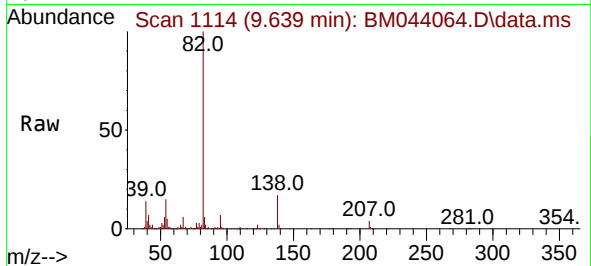
Tgt Ion: 77 Resp: 148337
Ion Ratio Lower Upper
77 100
123 49.6 37.8 56.8
65 13.2 10.5 15.7





#25
Isophorone
Concen: 3.738 ng
RT: 9.639 min Scan# 1114
Delta R.T. -0.012 min
Lab File: BM044064.D
Acq: 12 Feb 2024 19:31

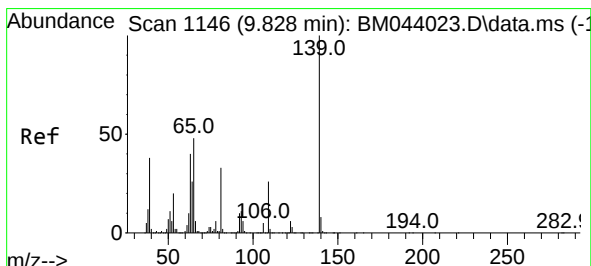
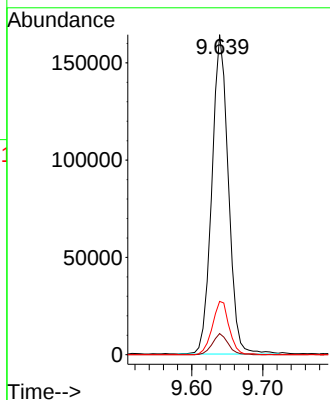
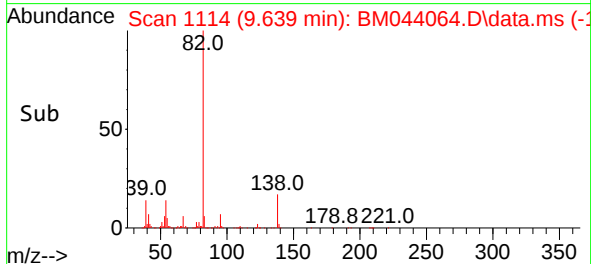
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion: 82 Resp: 264470
Ion Ratio Lower Upper
82 100
95 6.6 5.2 7.8
138 16.7 14.3 21.5

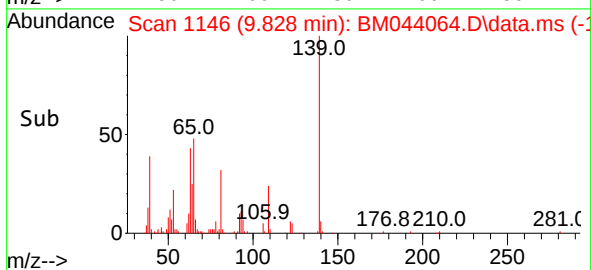
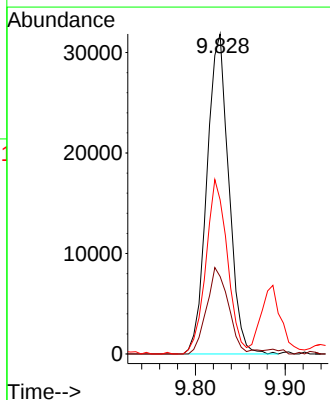
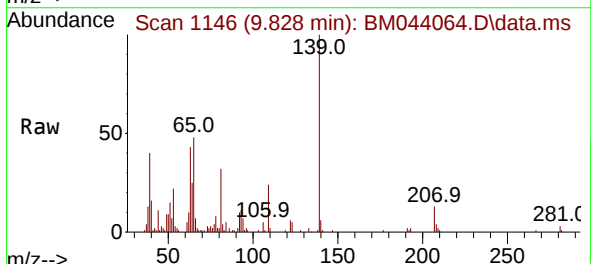
Manual Integrations
APPROVED

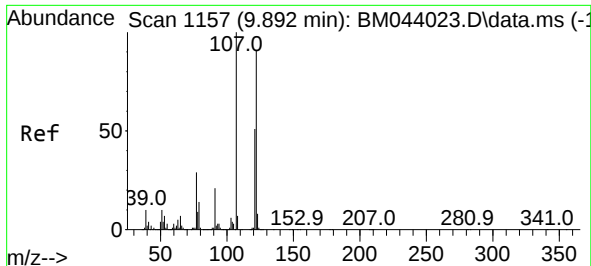
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#26
2-Nitrophenol
Concen: 3.081 ng
RT: 9.828 min Scan# 1146
Delta R.T. -0.000 min
Lab File: BM044064.D
Acq: 12 Feb 2024 19:31

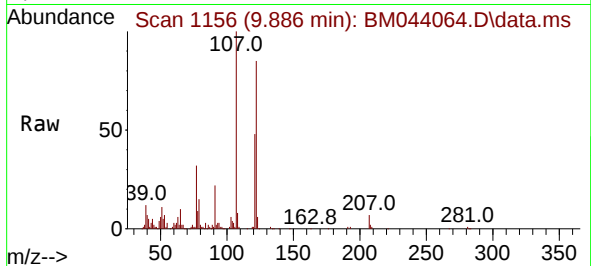
Tgt Ion:139 Resp: 53753
Ion Ratio Lower Upper
139 100
109 24.2 21.2 31.8
65 48.1 38.5 57.7





#27
2,4-Dimethylphenol
Concen: 4.337 ng
RT: 9.886 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BM044064.D
Acq: 12 Feb 2024 19:31

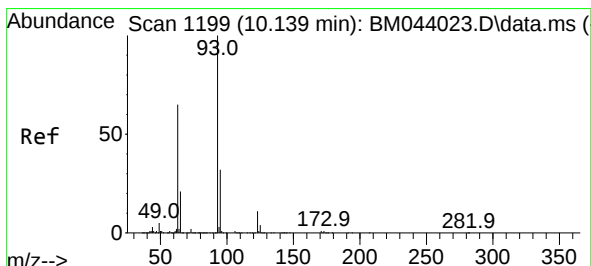
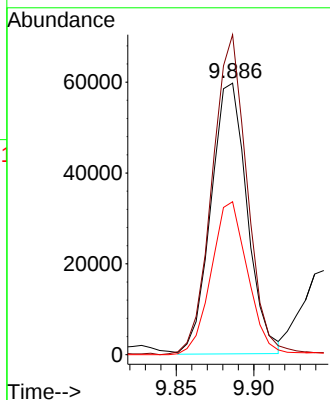
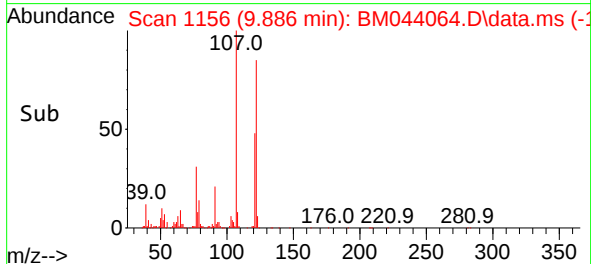
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion:122 Resp: 96735
Ion Ratio Lower Upper
122 100
107 117.9 87.8 131.8
121 56.3 44.7 67.1

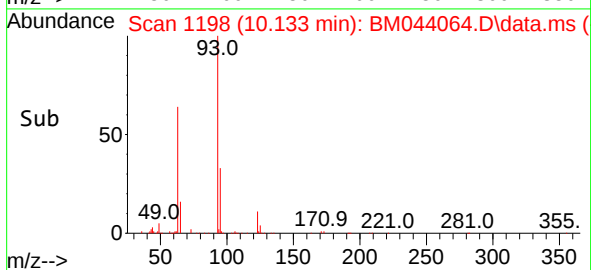
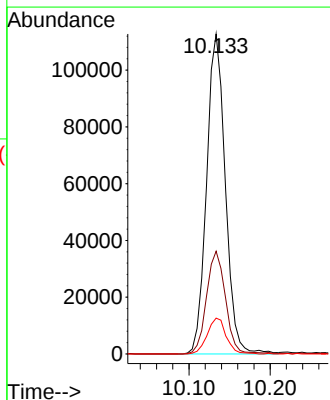
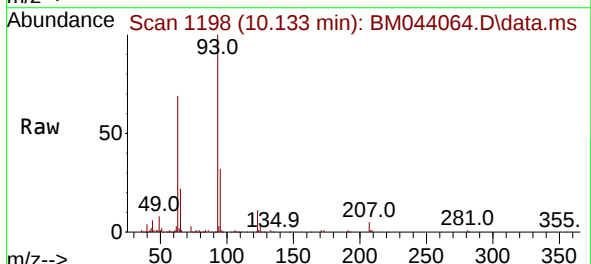
Manual Integrations
APPROVED

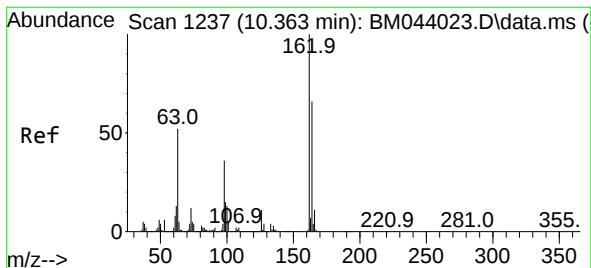
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#28
bis(2-Chloroethoxy)methane
Concen: 3.949 ng
RT: 10.133 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BM044064.D
Acq: 12 Feb 2024 19:31

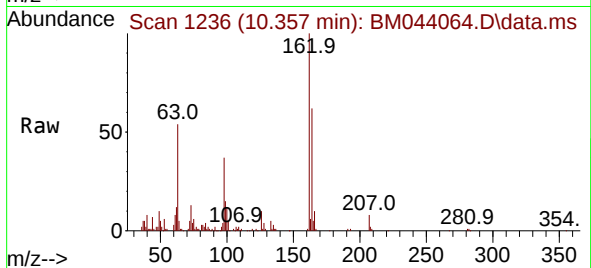
Tgt Ion: 93 Resp: 180685
Ion Ratio Lower Upper
93 100
95 32.1 26.0 39.0
123 11.2 9.2 13.8





#29
2,4-Dichlorophenol
Concen: 3.472 ng
RT: 10.357 min Scan# 10197
Delta R.T. -0.006 min
Lab File: BM044064.D
Acq: 12 Feb 2024 19:31

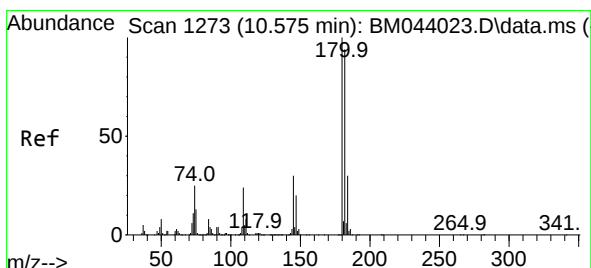
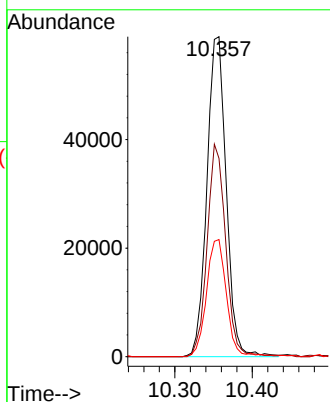
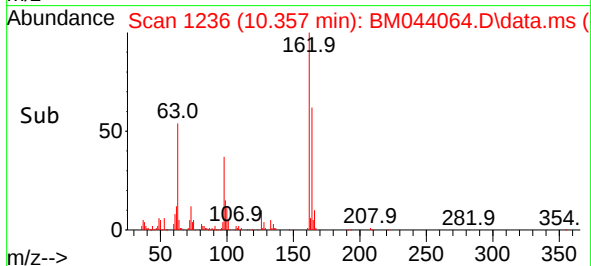
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT1-2024



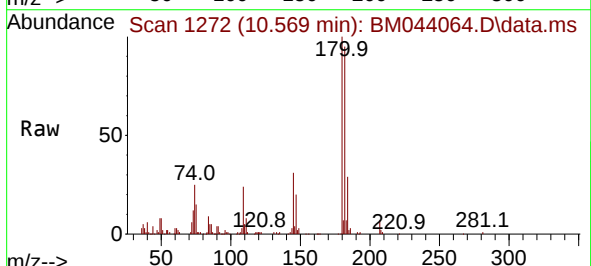
Tgt Ion:162 Resp: 10197
Ion Ratio Lower Upper
162 100
164 62.0 46.1 86.1
98 36.6 15.9 55.9

Manual Integrations
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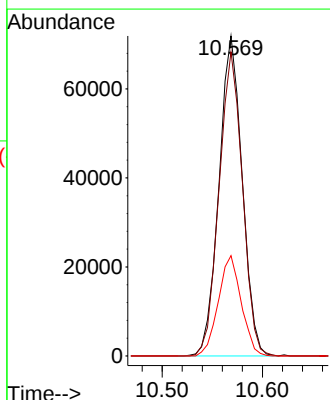
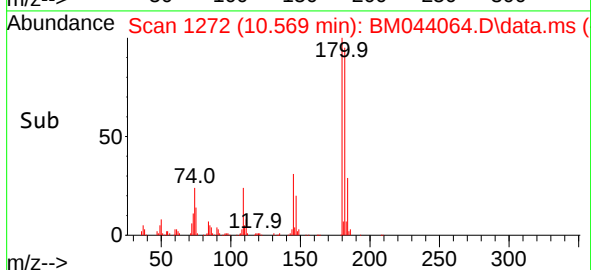
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024

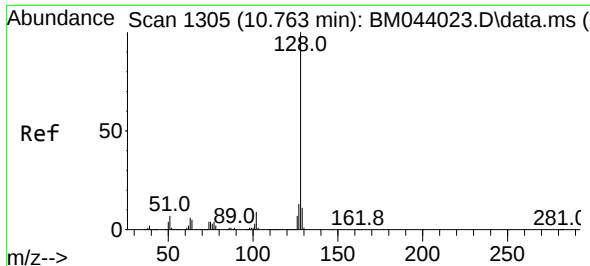


#30
1,2,4-Trichlorobenzene
Concen: 3.507 ng
RT: 10.569 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BM044064.D
Acq: 12 Feb 2024 19:31



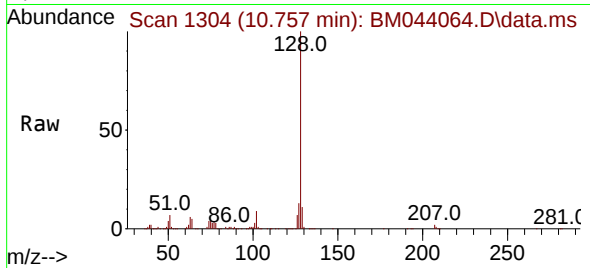
Tgt Ion:180 Resp: 115812
Ion Ratio Lower Upper
180 100
182 95.0 75.2 112.8
145 31.3 24.3 36.5





#31
Naphthalene
Concen: 3.692 ng
RT: 10.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BM044064.D
Acq: 12 Feb 2024 19:31

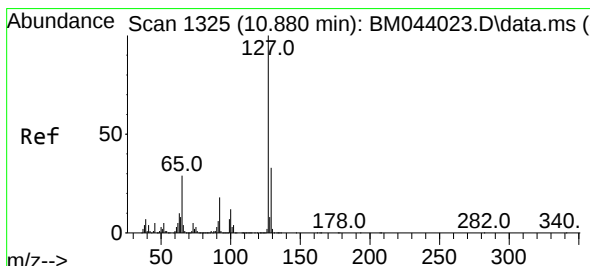
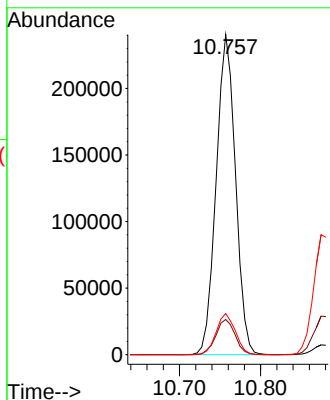
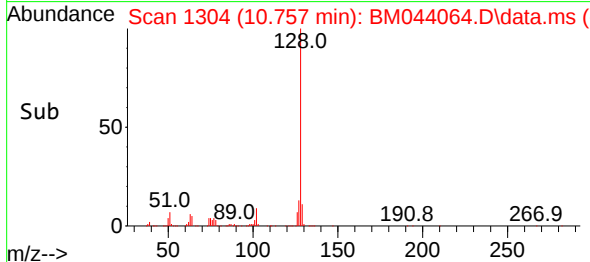
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2024



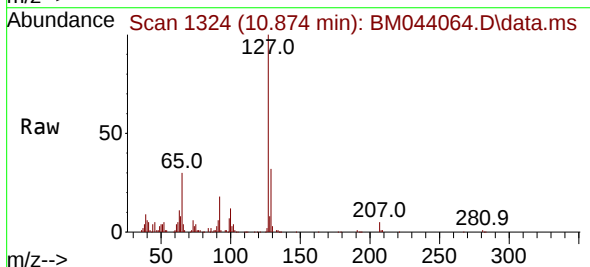
Tgt Ion:128 Resp: 39731
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 12.8 10.3 15.5

Manual Integrations
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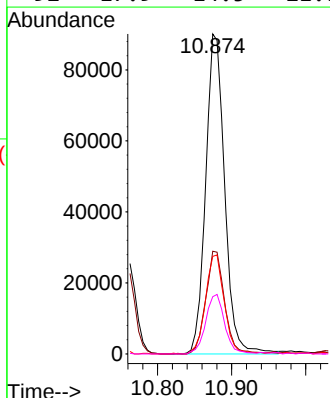
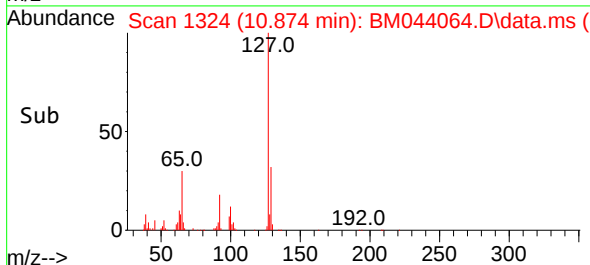
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024

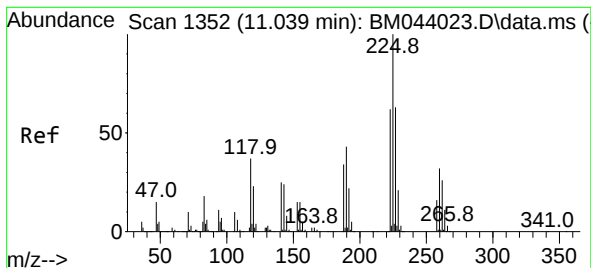


#33
4-Chloroaniline
Concen: 3.943 ng
RT: 10.874 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BM044064.D
Acq: 12 Feb 2024 19:31



Tgt Ion:127 Resp: 160662
Ion Ratio Lower Upper
127 100
129 32.1 26.0 39.0
65 30.5 23.0 34.6
92 17.9 14.5 21.7





#34

Hexachlorobutadiene

Concen: 3.380 ng

RT: 11.033 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM044064.D

Acq: 12 Feb 2024 19:31

Instrument :

BNA_M

ClientSampleId :

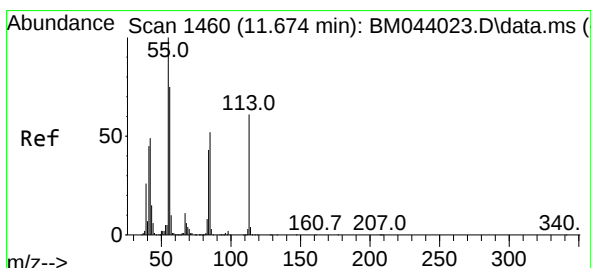
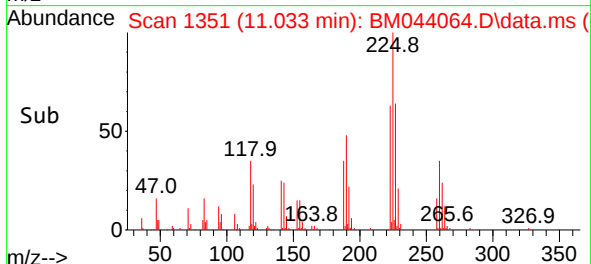
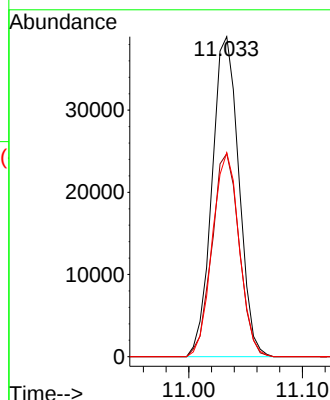
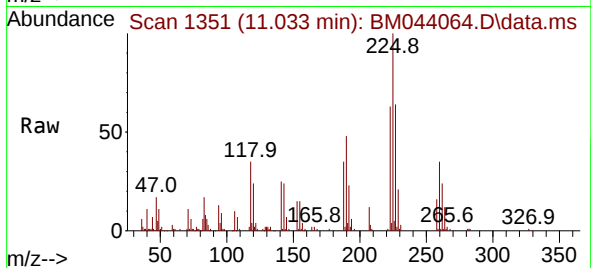
MDL-WATER-03-QT1-2024

Tgt Ion:225 Resp: 6388
 Ion Ratio Lower Upper
 225 100
 223 63.5 49.9 74.9
 227 63.8 50.6 76.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/14/2024
 Supervised By :mohammad ahmed 02/14/2024



#35

Caprolactam

Concen: 3.020 ng

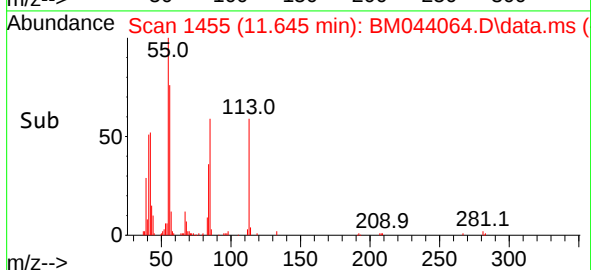
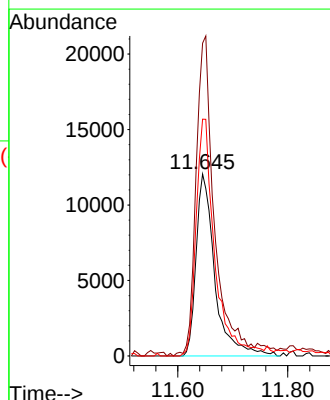
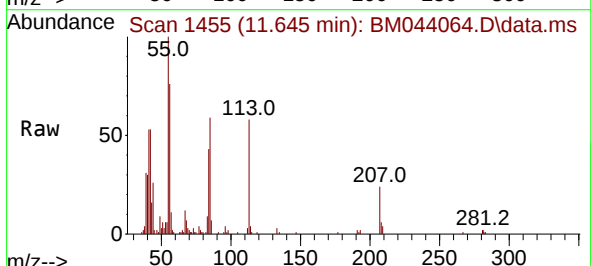
RT: 11.645 min Scan# 1455

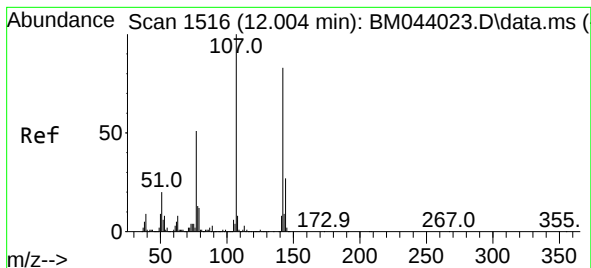
Delta R.T. -0.029 min

Lab File: BM044064.D

Acq: 12 Feb 2024 19:31

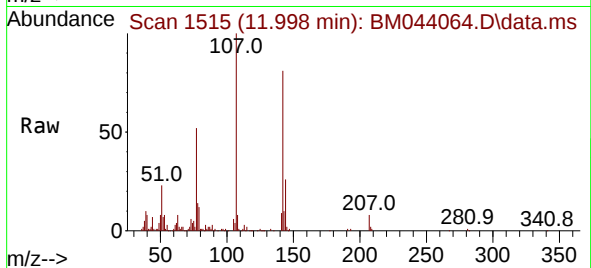
Tgt Ion:113 Resp: 28535
 Ion Ratio Lower Upper
 113 100
 55 171.9 145.6 185.6
 56 130.2 103.3 143.3





#36
4-Chloro-3-methylphenol
Concen: 3.397 ng
RT: 11.998 min Scan# 1515
Delta R.T. -0.006 min
Lab File: BM044064.D
Acq: 12 Feb 2024 19:31

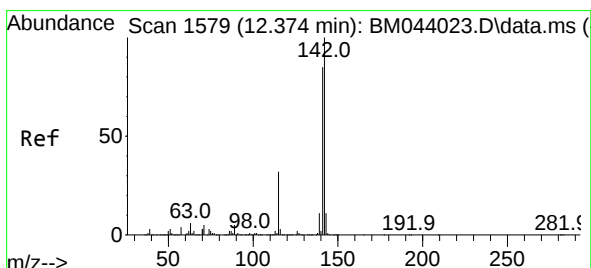
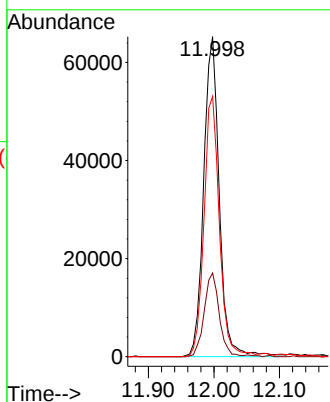
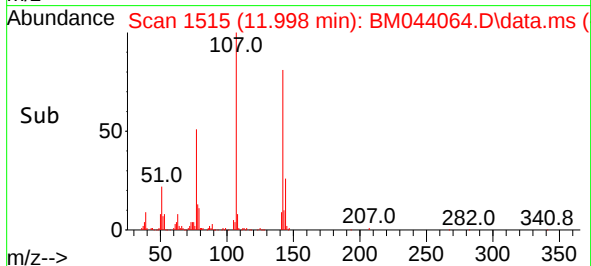
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2024



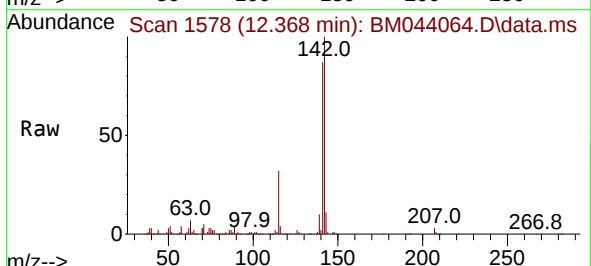
Tgt Ion:107 Resp: 108030
Ion Ratio Lower Upper
107 100
144 26.2 21.3 31.9
142 81.3 66.2 99.4

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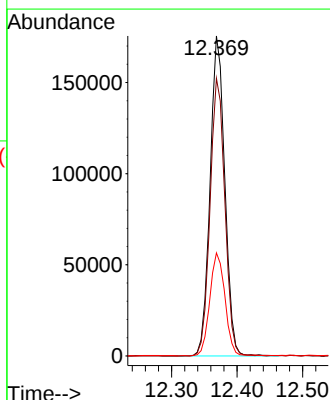
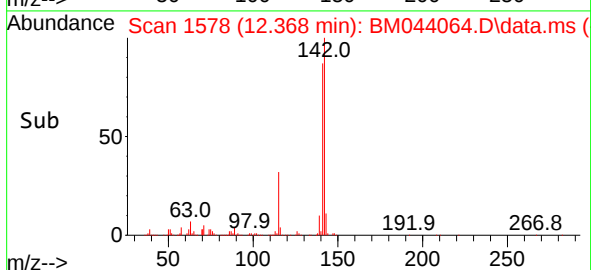
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024

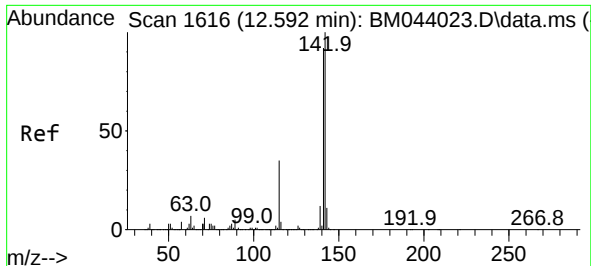


#37
2-Methylnaphthalene
Concen: 3.828 ng
RT: 12.368 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BM044064.D
Acq: 12 Feb 2024 19:31



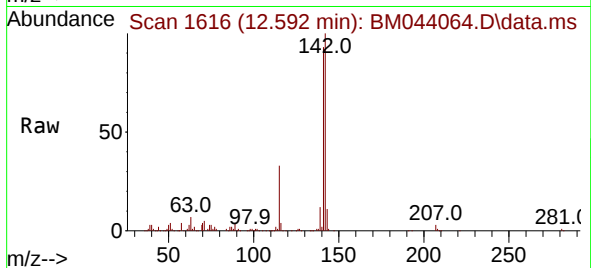
Tgt Ion:142 Resp: 274380
Ion Ratio Lower Upper
142 100
141 86.7 68.3 102.5
115 32.2 25.7 38.5





#38
1-Methylnaphthalene
Concen: 3.732 ng
RT: 12.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM044064.D
Acq: 12 Feb 2024 19:31

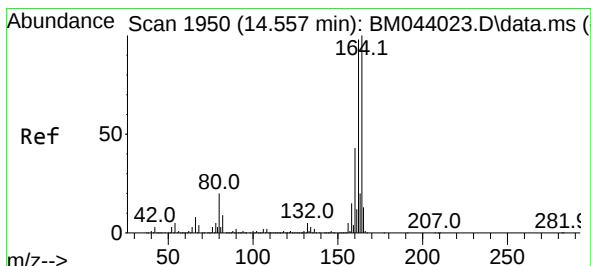
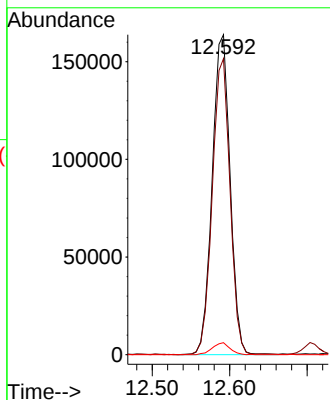
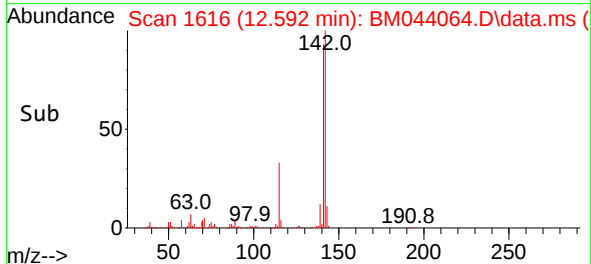
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion:142 Resp: 262870
Ion Ratio Lower Upper
142 100
141 92.5 73.4 110.0
116 3.7 3.0 4.4

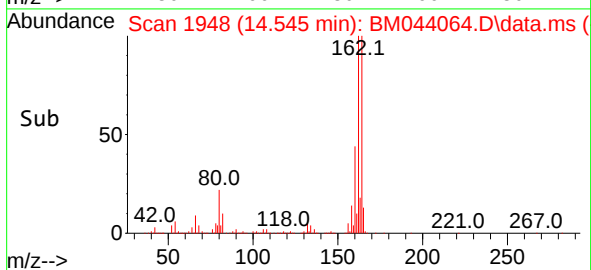
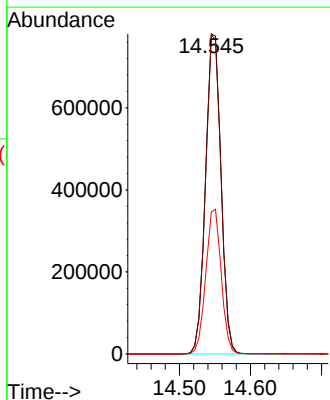
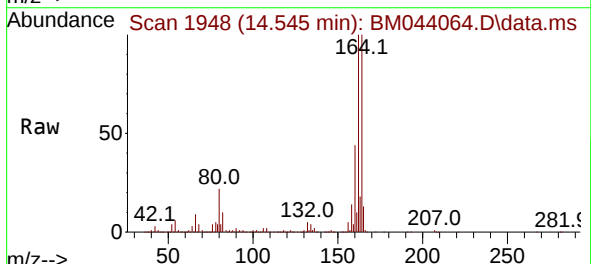
Manual Integrations
APPROVED

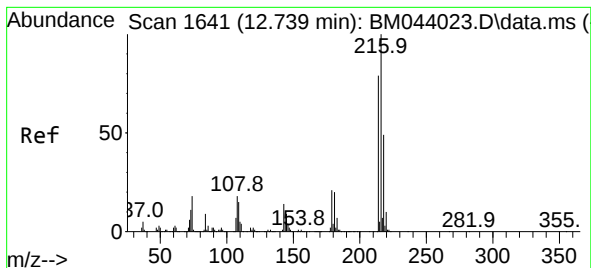
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.545 min Scan# 1948
Delta R.T. -0.012 min
Lab File: BM044064.D
Acq: 12 Feb 2024 19:31

Tgt Ion:164 Resp: 1185302
Ion Ratio Lower Upper
164 100
162 99.9 78.4 117.6
160 44.4 34.6 51.8





#40

1,2,4,5-Tetrachlorobenzene

Concen: 3.806 ng

RT: 12.733 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM044064.D

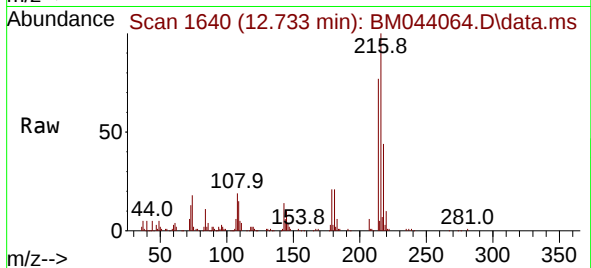
Acq: 12 Feb 2024 19:31

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2024



Tgt Ion:216 Resp: 131134

Ion Ratio Lower Upper

216 100

214 77.9 63.1 94.7

179 21.4 17.0 25.6

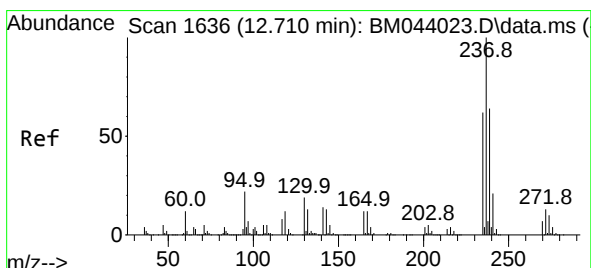
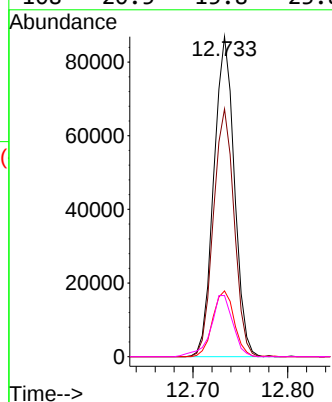
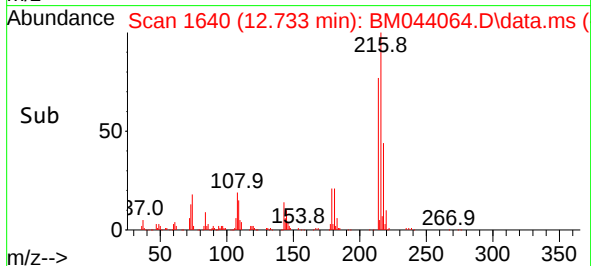
108 20.5 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/14/2024

Supervised By :mohammad ahmed 02/14/2024



#41

Hexachlorocyclopentadiene

Concen: 3.858 ng

RT: 12.710 min Scan# 1636

Delta R.T. -0.000 min

Lab File: BM044064.D

Acq: 12 Feb 2024 19:31

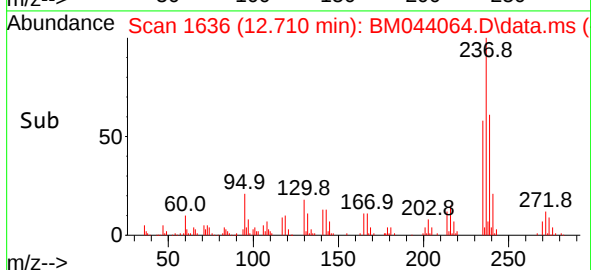
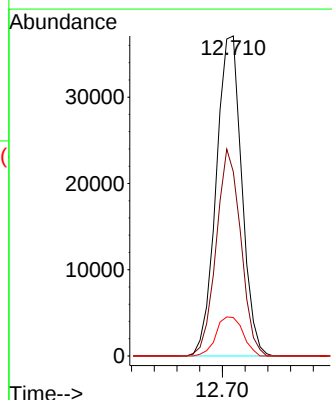
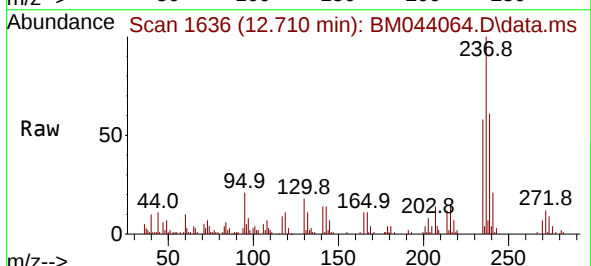
Tgt Ion:237 Resp: 58014

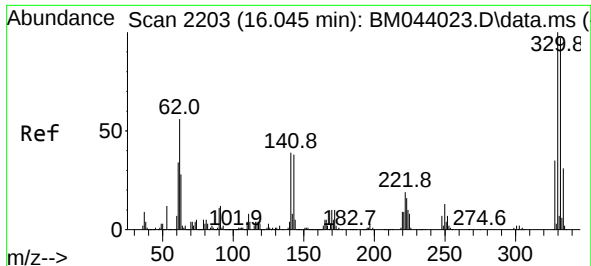
Ion Ratio Lower Upper

237 100

235 57.5 42.4 82.4

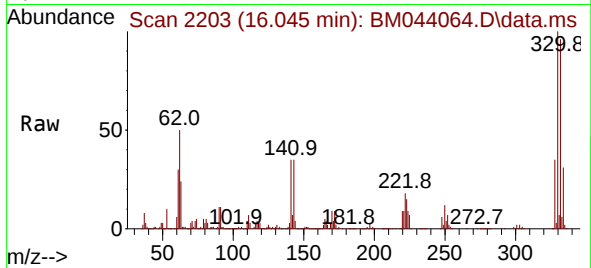
272 12.0 0.0 33.3





#42
2,4,6-Tribromophenol
Concen: 132.972 ng
RT: 16.045 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM044064.D
Acq: 12 Feb 2024 19:31

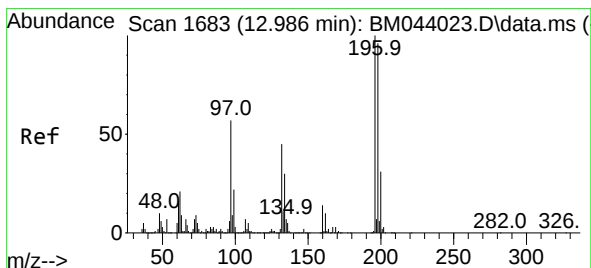
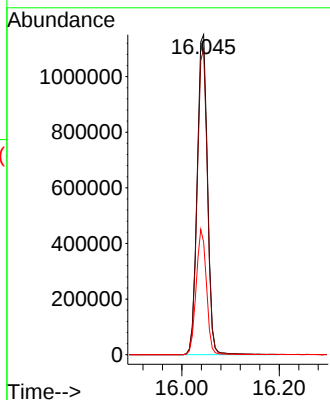
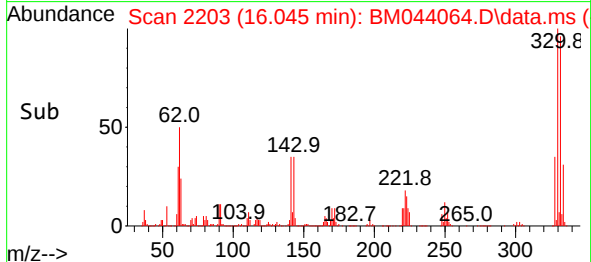
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion:330 Resp: 170650
Ion Ratio Lower Upper
330 100
332 95.5 77.7 116.5
141 38.9 31.0 46.4

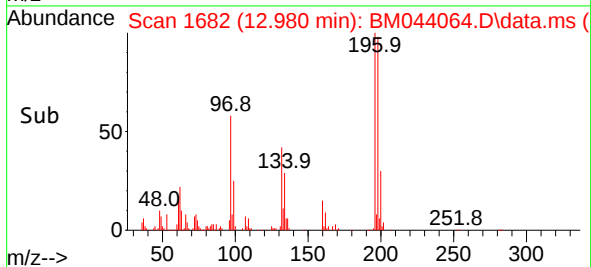
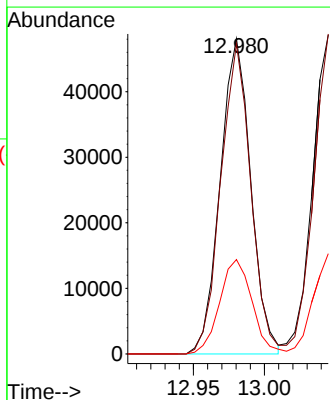
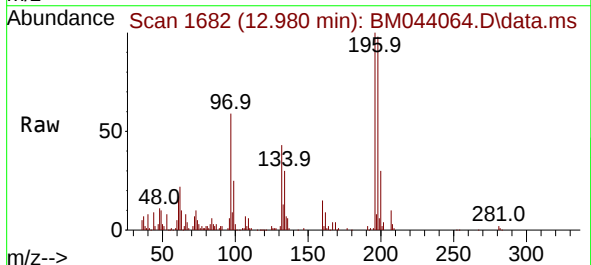
Manual Integrations
APPROVED

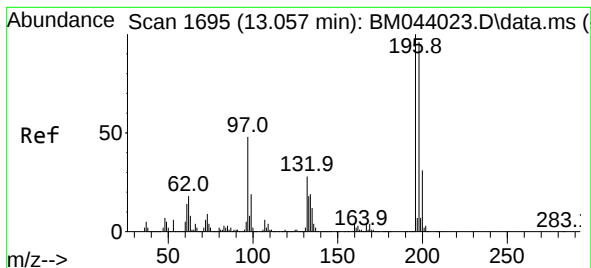
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#43
2,4,6-Trichlorophenol
Concen: 3.066 ng
RT: 12.980 min Scan# 1682
Delta R.T. -0.006 min
Lab File: BM044064.D
Acq: 12 Feb 2024 19:31

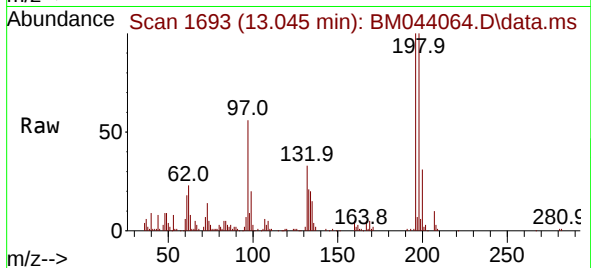
Tgt Ion:196 Resp: 71887
Ion Ratio Lower Upper
196 100
198 98.4 76.8 115.2
200 30.0 24.6 37.0





#44
2,4,5-Trichlorophenol
Concen: 3.174 ng
RT: 13.045 min Scan# 1693
Delta R.T. -0.012 min
Lab File: BM044064.D
Acq: 12 Feb 2024 19:31

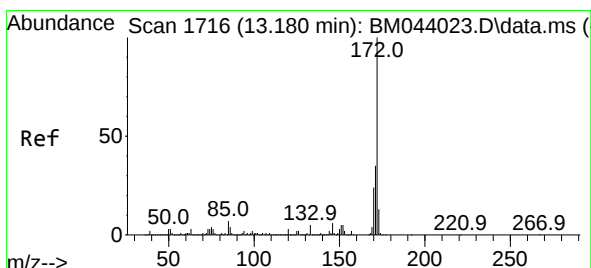
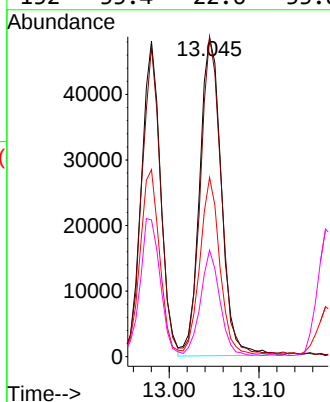
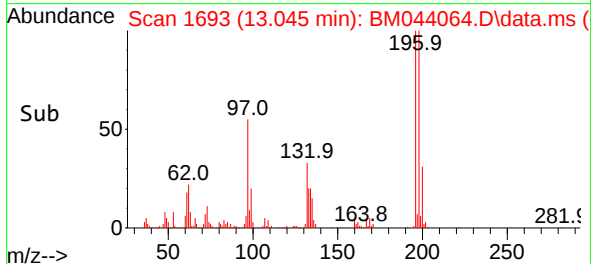
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT1-2024



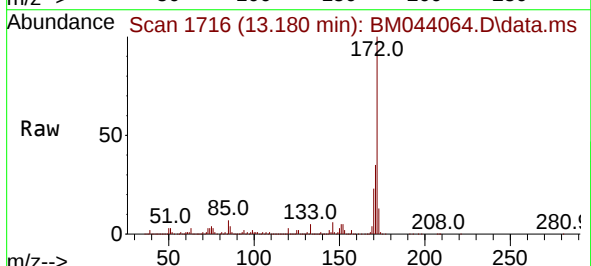
Tgt Ion:196 Resp: 8167
Ion Ratio Lower Upper
196 100
198 100.3 76.9 115.3
97 56.1 39.0 58.4
132 33.4 22.6 33.8

Manual Integrations
APPROVED

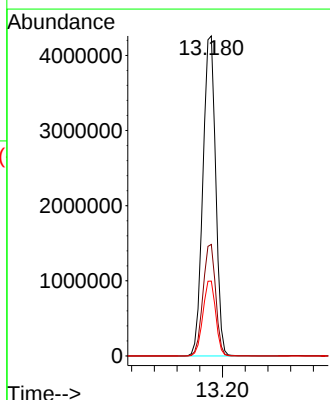
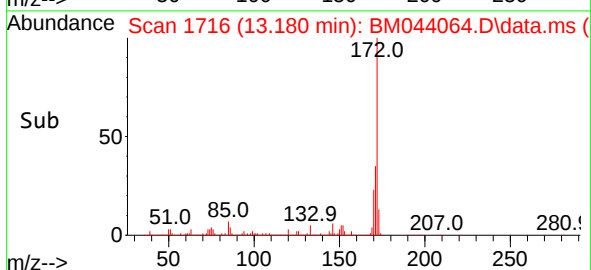
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024

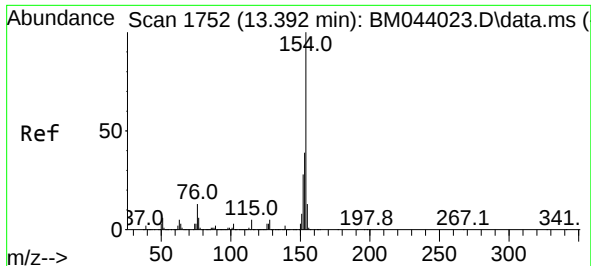


#45
2-Fluorobiphenyl
Concen: 78.839 ng
RT: 13.180 min Scan# 1716
Delta R.T. -0.000 min
Lab File: BM044064.D
Acq: 12 Feb 2024 19:31



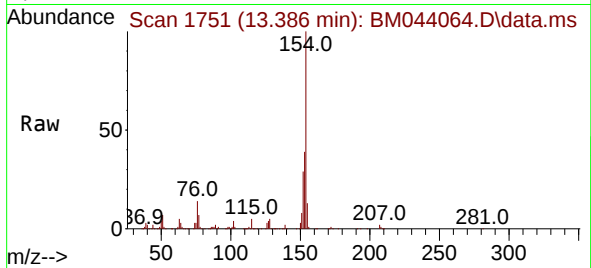
Tgt Ion:172 Resp: 6621344
Ion Ratio Lower Upper
172 100
171 34.9 27.9 41.9
170 23.4 19.0 28.4





#46
1,1'-Biphenyl
Concen: 3.850 ng
RT: 13.386 min Scan# 1752
Delta R.T. -0.006 min
Lab File: BM044064.D
Acq: 12 Feb 2024 19:31

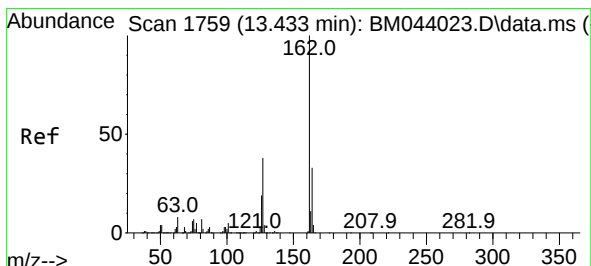
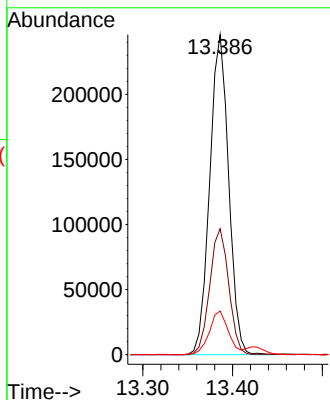
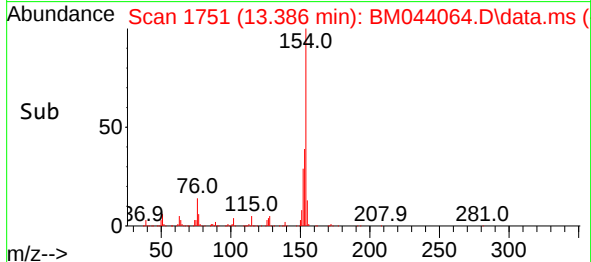
Instrument : BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion:154 Resp: 360129
Ion Ratio Lower Upper
154 100
153 39.4 19.4 59.4
76 13.7 0.0 32.9

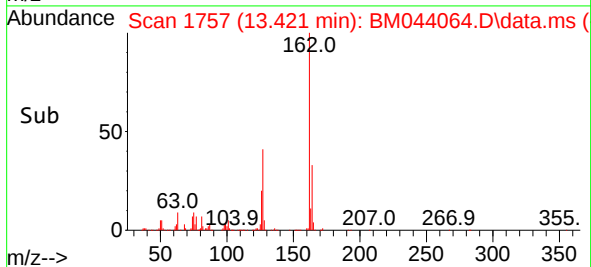
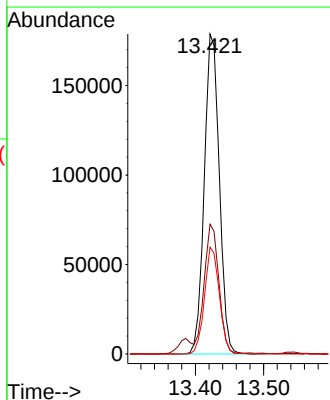
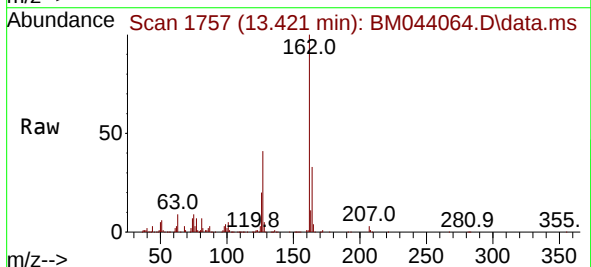
Manual Integrations
APPROVED

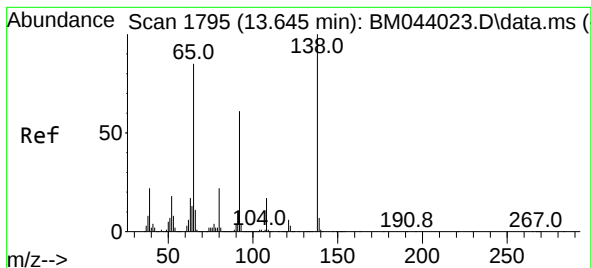
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#47
2-Chloronaphthalene
Concen: 3.710 ng
RT: 13.421 min Scan# 1757
Delta R.T. -0.012 min
Lab File: BM044064.D
Acq: 12 Feb 2024 19:31

Tgt Ion:162 Resp: 274833
Ion Ratio Lower Upper
162 100
127 40.6 30.9 46.3
164 33.4 26.4 39.6





#48

2-Nitroaniline

Concen: 3.091 ng

RT: 13.633 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM044064.D

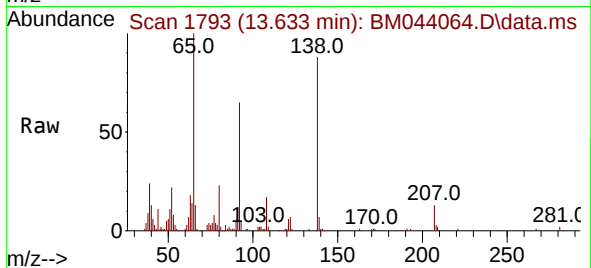
Acq: 12 Feb 2024 19:31

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2024



Tgt Ion: 65 Resp: 6443

Ion Ratio Lower Upper

65 100

92 64.5 58.1 87.1

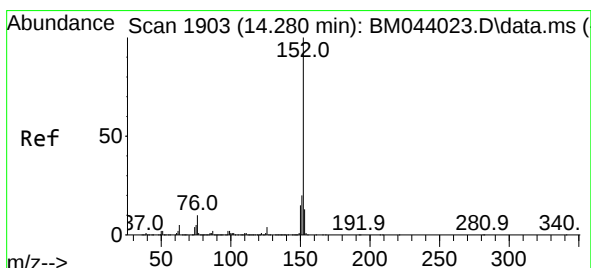
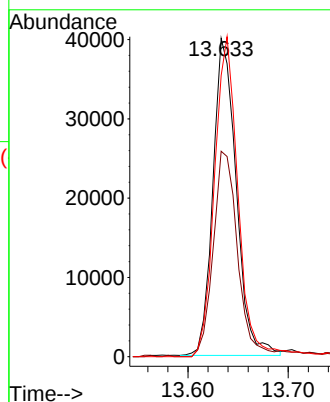
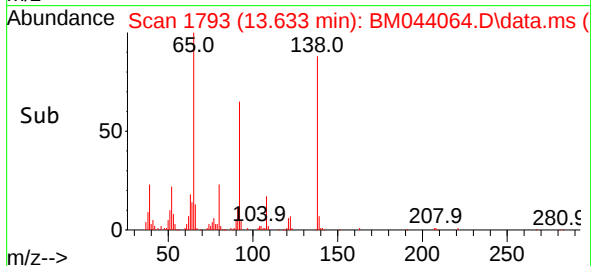
138 88.3 94.6 142.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/14/2024

Supervised By :mohammad ahmed 02/14/2024



#49

Acenaphthylene

Concen: 3.922 ng

RT: 14.268 min Scan# 1901

Delta R.T. -0.012 min

Lab File: BM044064.D

Acq: 12 Feb 2024 19:31

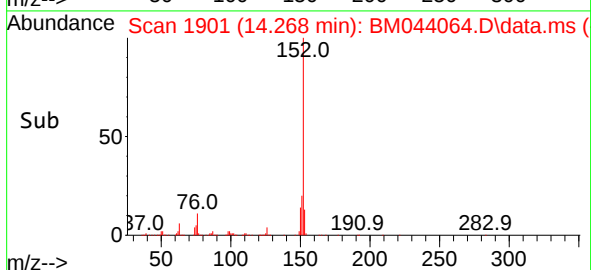
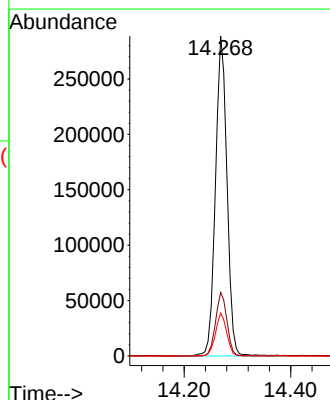
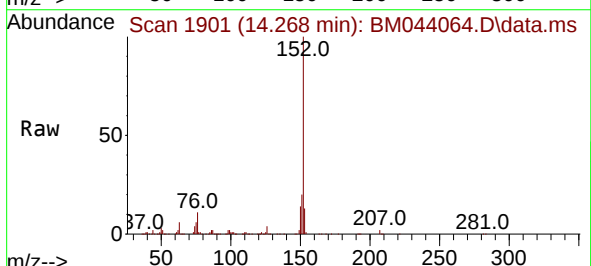
Tgt Ion:152 Resp: 433551

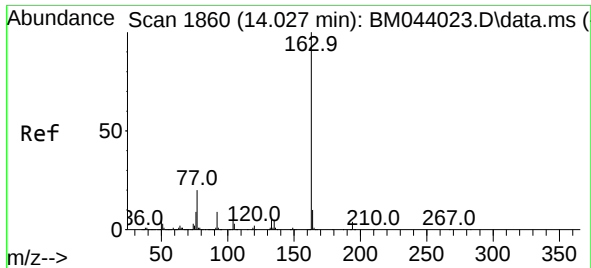
Ion Ratio Lower Upper

152 100

151 19.9 15.8 23.6

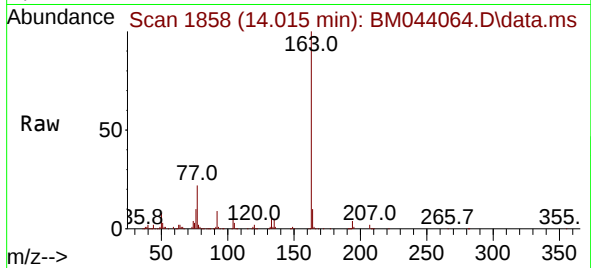
153 13.4 10.5 15.7





#50
Dimethylphthalate
Concen: 3.717 ng
RT: 14.015 min Scan# 1858
Delta R.T. -0.012 min
Lab File: BM044064.D
Acq: 12 Feb 2024 19:31

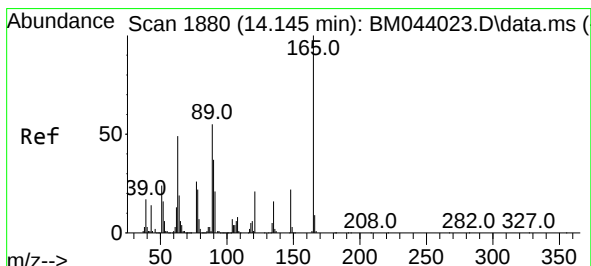
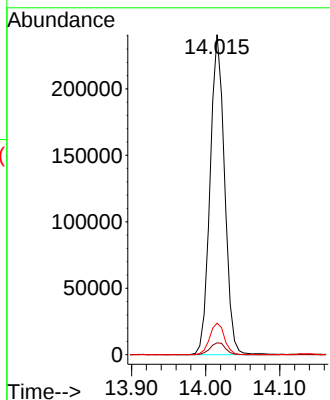
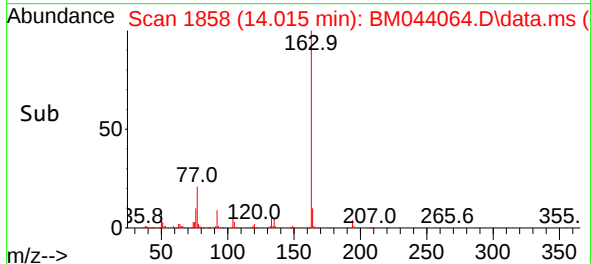
Instrument : BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion:163 Resp: 326700
Ion Ratio Lower Upper
163 100
194 3.7 3.1 4.7
164 9.9 8.2 12.2

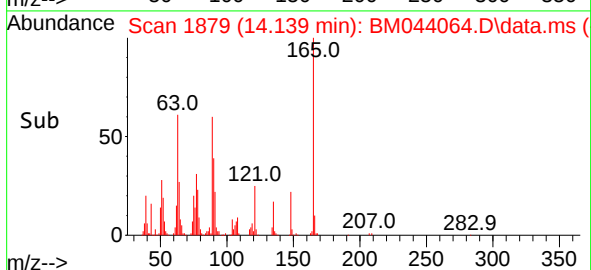
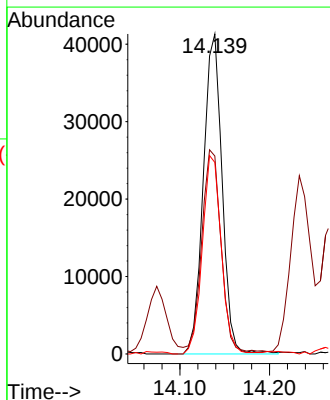
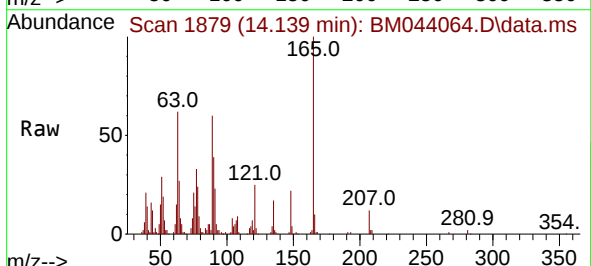
Manual Integrations
APPROVED

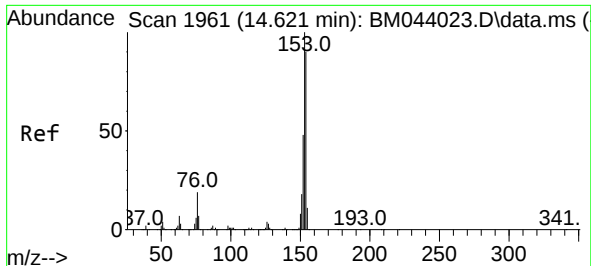
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#51
2,6-Dinitrotoluene
Concen: 3.097 ng
RT: 14.139 min Scan# 1879
Delta R.T. -0.006 min
Lab File: BM044064.D
Acq: 12 Feb 2024 19:31

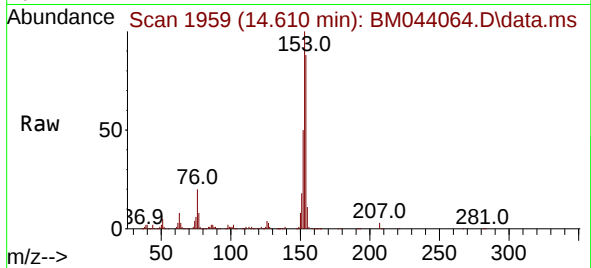
Tgt Ion:165 Resp: 60040
Ion Ratio Lower Upper
165 100
63 61.8 43.5 65.3
89 59.9 44.4 66.6





#52
Acenaphthene
Concen: 3.703 ng
RT: 14.610 min Scan# 1959
Delta R.T. -0.012 min
Lab File: BM044064.D
Acq: 12 Feb 2024 19:31

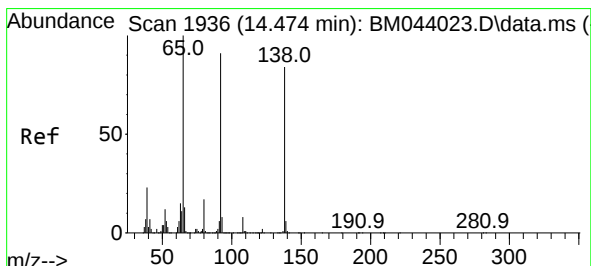
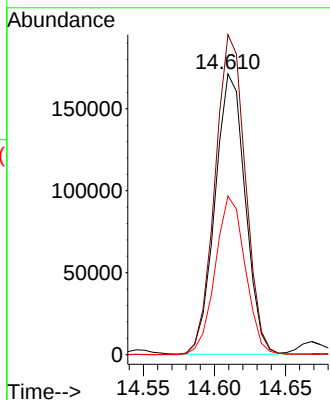
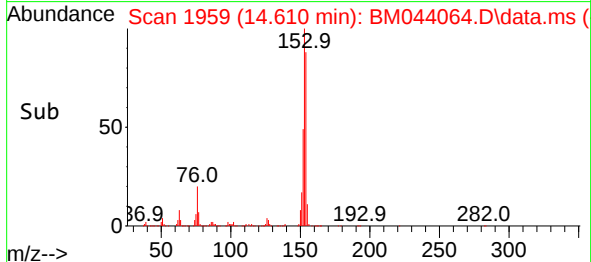
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion:154 Resp: 25332
Ion Ratio Lower Upper
154 100
153 113.9 89.3 133.9
152 56.5 43.0 64.6

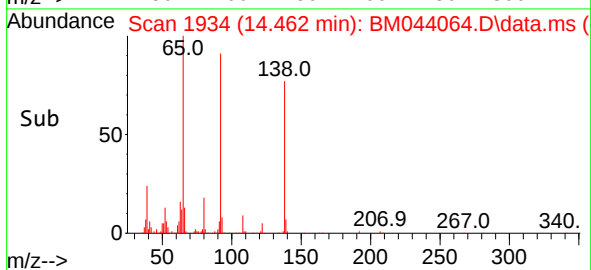
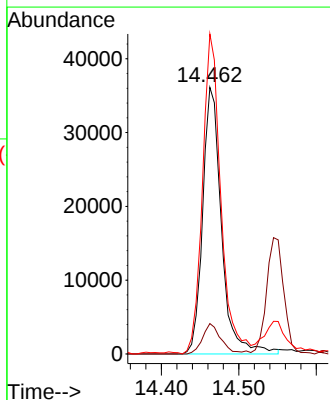
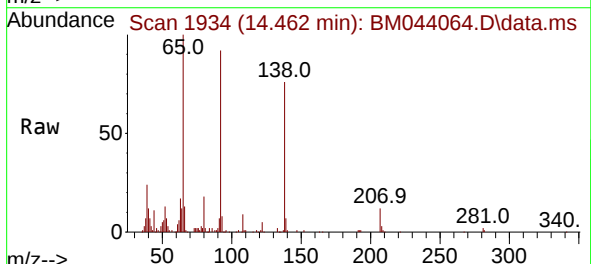
Manual Integrations
APPROVED

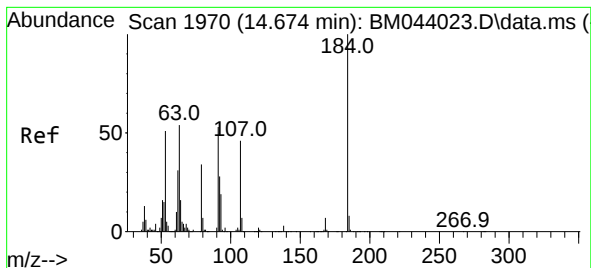
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#53
3-Nitroaniline
Concen: 2.928 ng
RT: 14.462 min Scan# 1934
Delta R.T. -0.012 min
Lab File: BM044064.D
Acq: 12 Feb 2024 19:31

Tgt Ion:138 Resp: 61003
Ion Ratio Lower Upper
138 100
108 11.4 7.6 11.4#
92 120.0 86.5 129.7





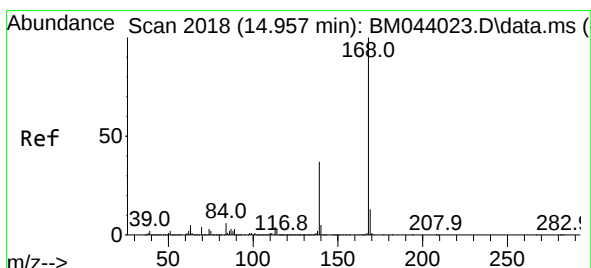
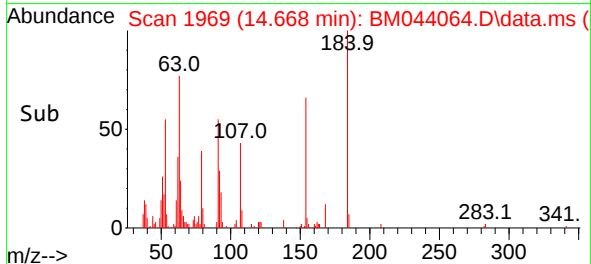
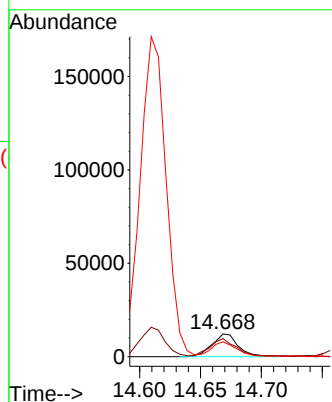
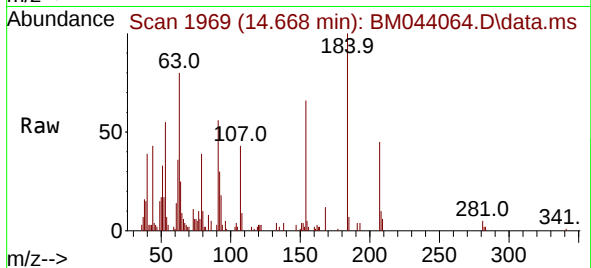
#54
2,4-Dinitrophenol
Concen: 7.051 ng
RT: 14.668 min Scan# 1970
Delta R.T. -0.006 min
Lab File: BM044064.D
Acq: 12 Feb 2024 19:31

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2024

Tgt Ion:184 Resp: 18309
Ion Ratio Lower Upper
184 100
63 79.6 55.4 83.2
154 65.6 49.2 73.8

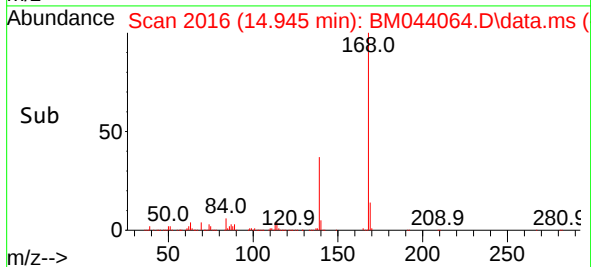
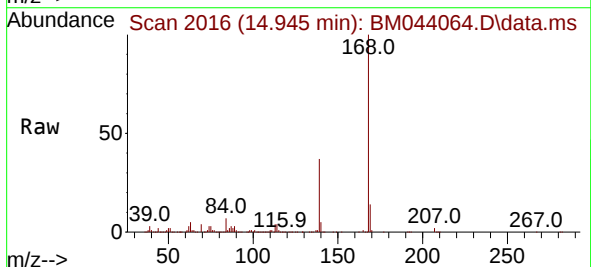
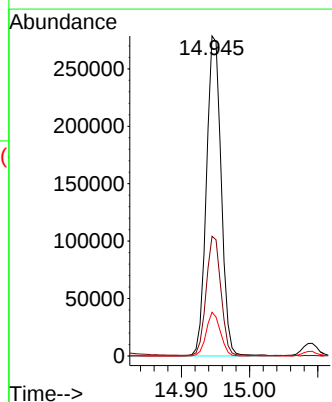
Manual Integrations
APPROVED

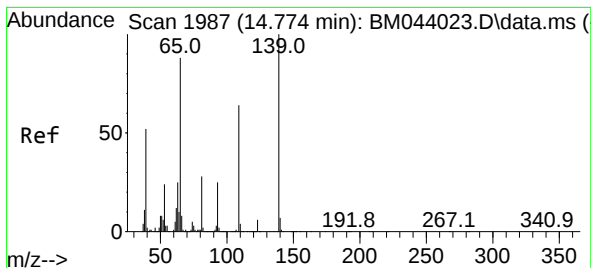
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#55
Dibenzofuran
Concen: 3.961 ng
RT: 14.945 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BM044064.D
Acq: 12 Feb 2024 19:31

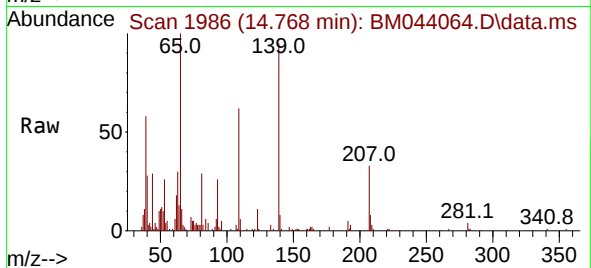
Tgt Ion:168 Resp: 419385
Ion Ratio Lower Upper
168 100
139 37.4 29.6 44.4
169 13.7 10.5 15.7





#56
4-Nitrophenol
Concen: 2.425 ng
RT: 14.768 min Scan# 1986
Delta R.T. -0.006 min
Lab File: BM044064.D
Acq: 12 Feb 2024 19:31

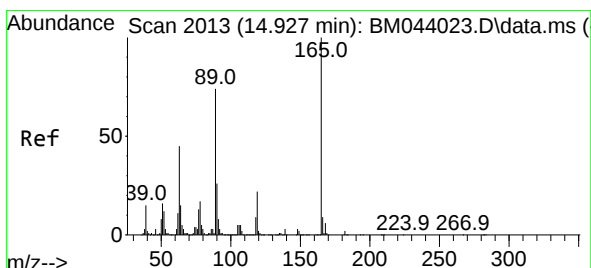
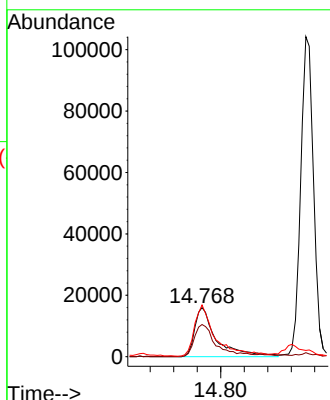
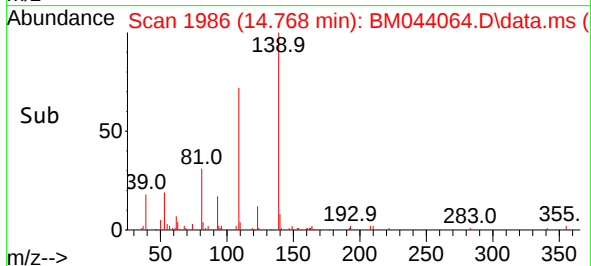
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT1-2024



Tgt Ion:139 Resp: 41080
Ion Ratio Lower Upper
139 100
109 65.3 43.8 83.8
65 105.0 67.7 107.7

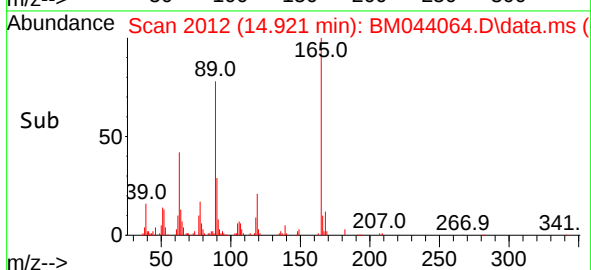
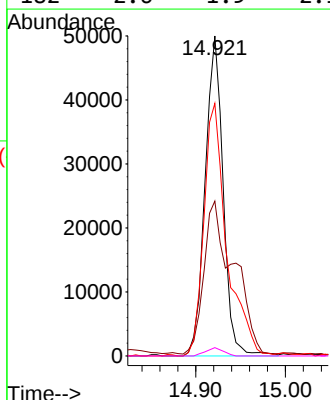
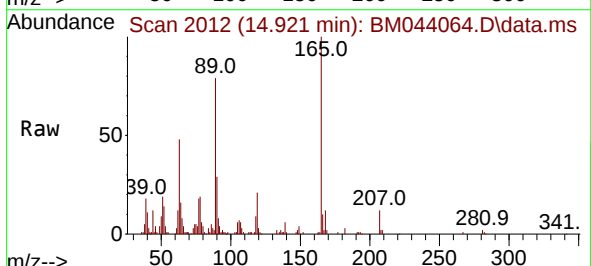
Manual Integrations
APPROVED

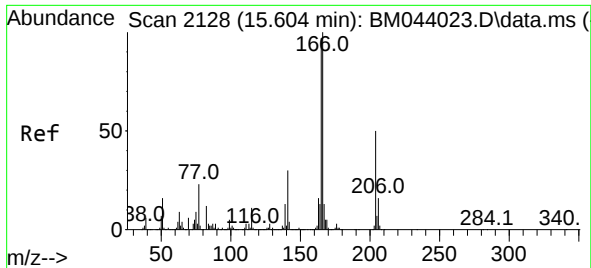
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#57
2,4-Dinitrotoluene
Concen: 2.748 ng
RT: 14.921 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BM044064.D
Acq: 12 Feb 2024 19:31

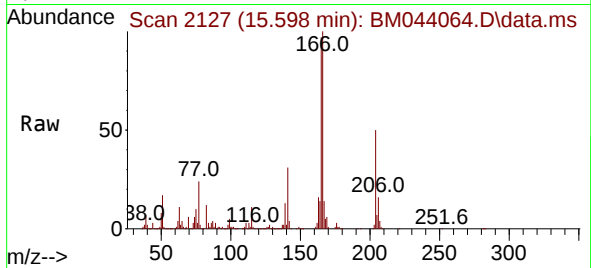
Tgt Ion:165 Resp: 69652
Ion Ratio Lower Upper
165 100
63 48.4 35.9 53.9
89 78.9 58.9 88.3
182 2.6 1.9 2.9





#58
Fluorene
Concen: 3.895 ng
RT: 15.598 min Scan# 2128
Delta R.T. -0.006 min
Lab File: BM044064.D
Acq: 12 Feb 2024 19:31

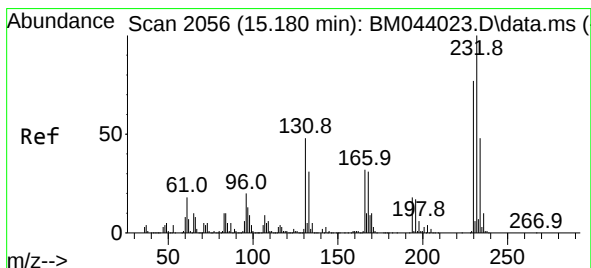
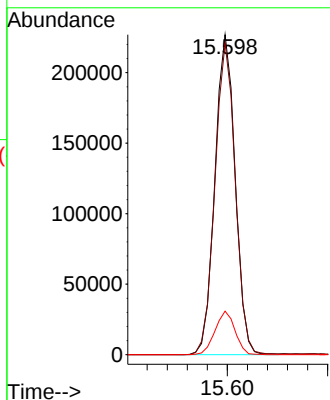
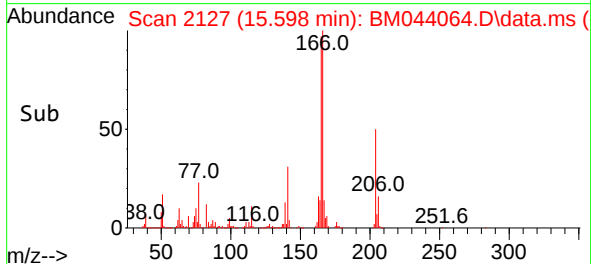
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT1-2024



Tgt Ion:166 Resp: 318649
Ion Ratio Lower Upper
166 100
165 97.3 77.7 116.5
167 13.6 10.7 16.1

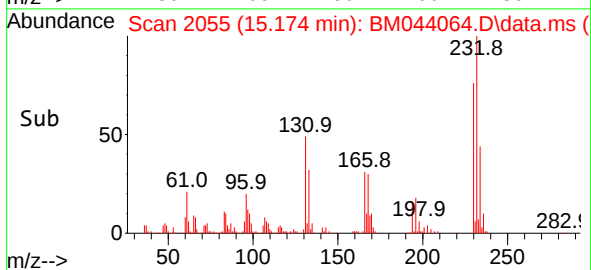
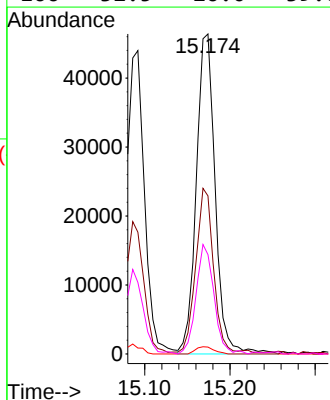
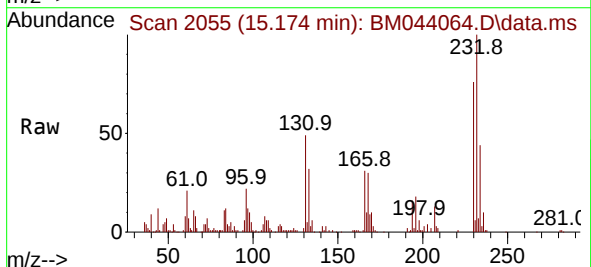
Manual Integrations
APPROVED

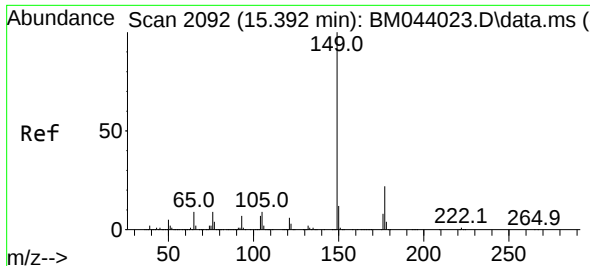
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#59
2,3,4,6-Tetrachlorophenol
Concen: 3.537 ng
RT: 15.174 min Scan# 2055
Delta R.T. -0.006 min
Lab File: BM044064.D
Acq: 12 Feb 2024 19:31

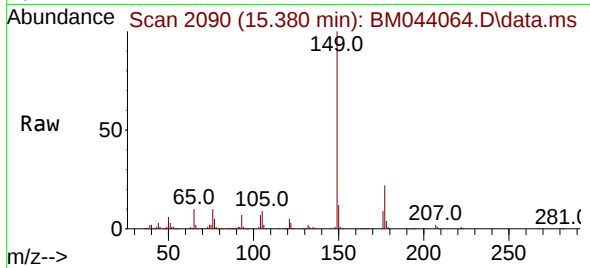
Tgt Ion:232 Resp: 71407
Ion Ratio Lower Upper
232 100
131 47.4 39.5 59.3
130 2.2 2.0 3.0
166 32.5 26.0 39.0





#60
Diethylphthalate
Concen: 3.462 ng
RT: 15.380 min Scan# 2090
Delta R.T. -0.012 min
Lab File: BM044064.D
Acq: 12 Feb 2024 19:31

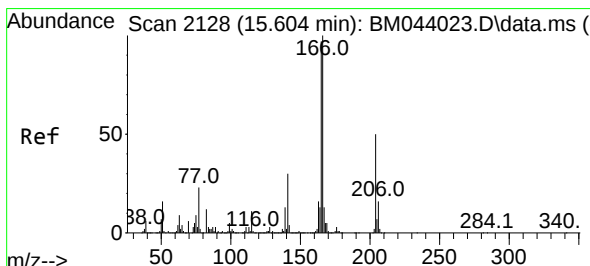
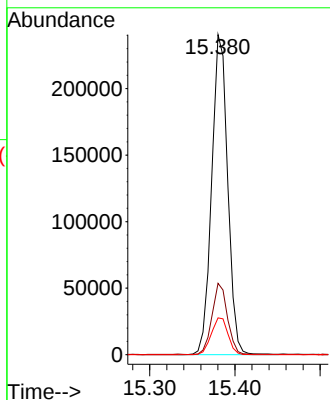
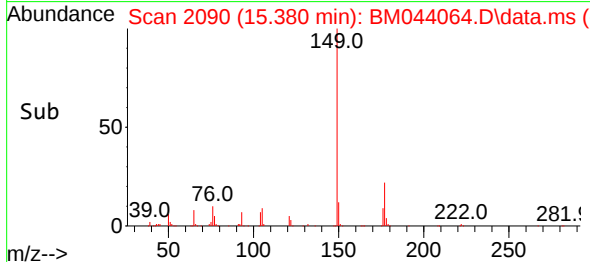
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion:149 Resp: 314478
Ion Ratio Lower Upper
149 100
177 22.3 17.5 26.3
150 11.5 9.8 14.6

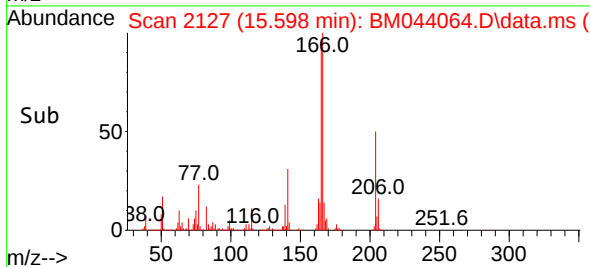
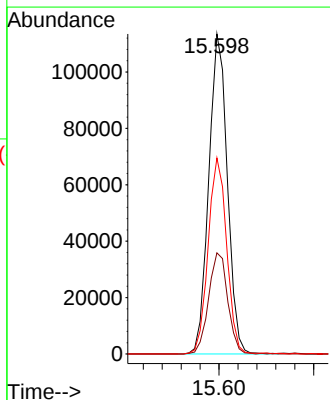
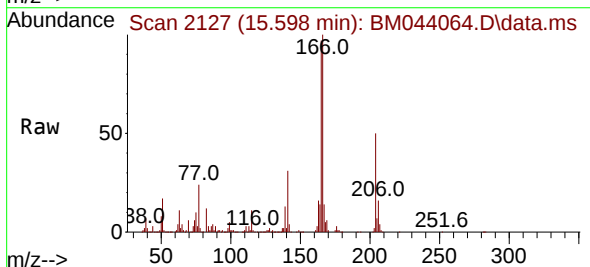
Manual Integrations
APPROVED

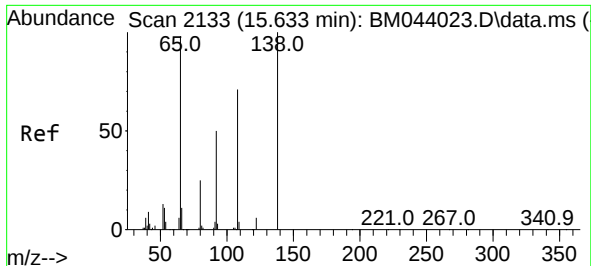
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#61
4-Chlorophenyl-phenylether
Concen: 3.894 ng
RT: 15.598 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BM044064.D
Acq: 12 Feb 2024 19:31

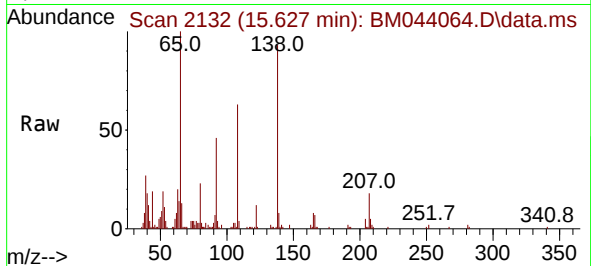
Tgt Ion:204 Resp: 154386
Ion Ratio Lower Upper
204 100
206 31.6 26.3 39.5
141 61.3 47.7 71.5





#62
4-Nitroaniline
Concen: 2.764 ng
RT: 15.627 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BM044064.D
Acq: 12 Feb 2024 19:31

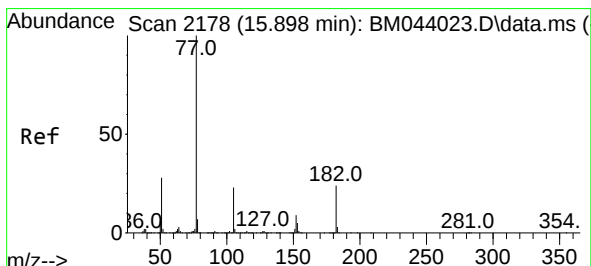
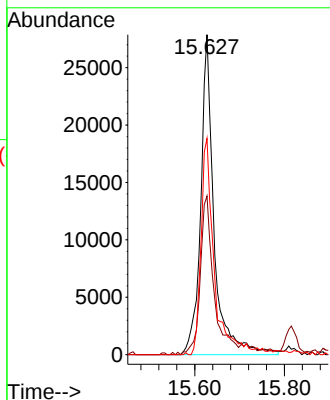
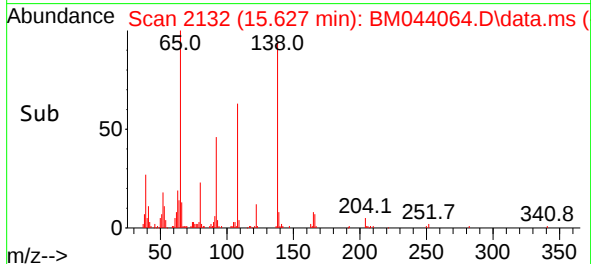
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion:138 Resp: 57986
Ion Ratio Lower Upper
138 100
92 49.6 29.6 69.6
108 67.6 47.8 87.8

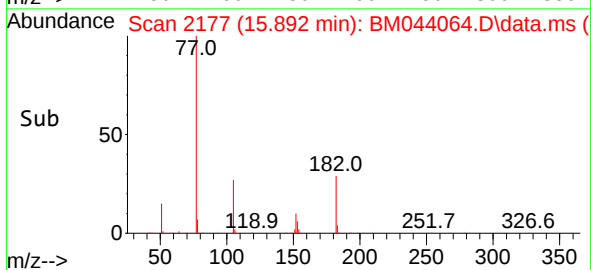
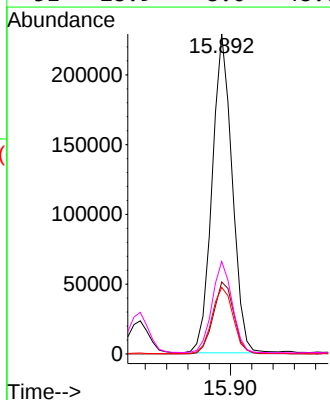
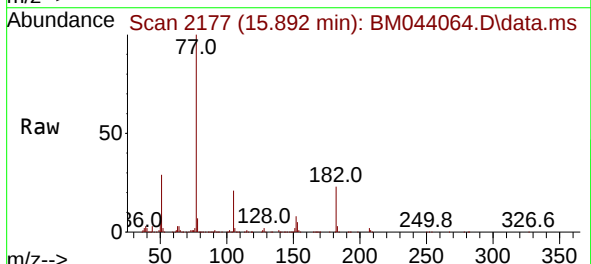
Manual Integrations
APPROVED

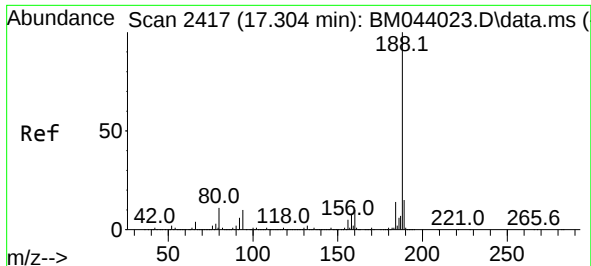
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#63
Azobenzene
Concen: 3.505 ng
RT: 15.892 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BM044064.D
Acq: 12 Feb 2024 19:31

Tgt Ion: 77 Resp: 298683
Ion Ratio Lower Upper
77 100
182 22.5 4.0 44.0
105 20.8 3.3 43.3
51 28.9 8.0 48.0





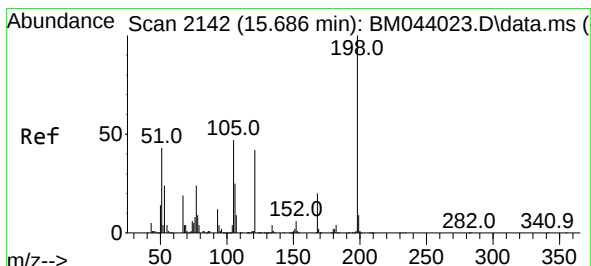
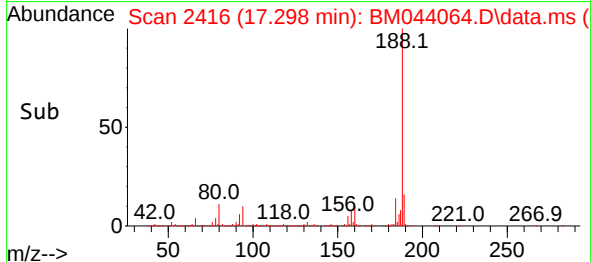
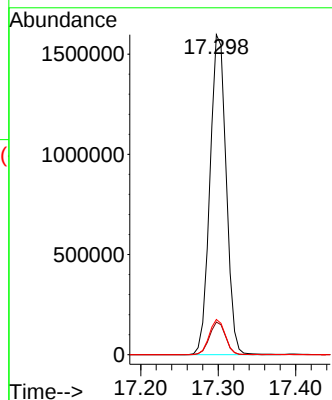
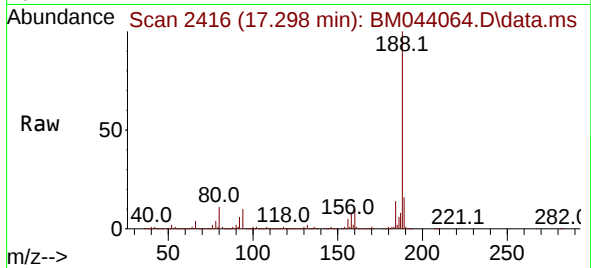
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.298 min Scan# 2417
Delta R.T. -0.006 min
Lab File: BM044064.D
Acq: 12 Feb 2024 19:31

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2024

Tgt Ion:188 Resp: 2326424
Ion Ratio Lower Upper
188 100
94 10.2 8.2 12.2
80 11.0 8.8 13.2

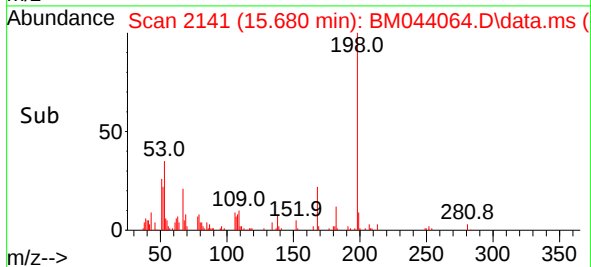
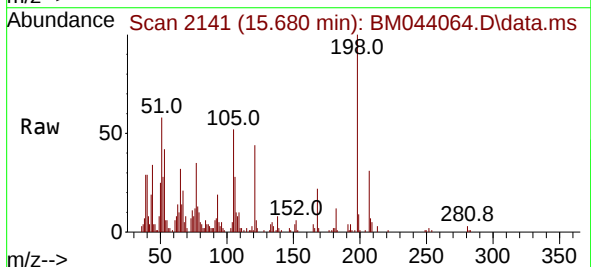
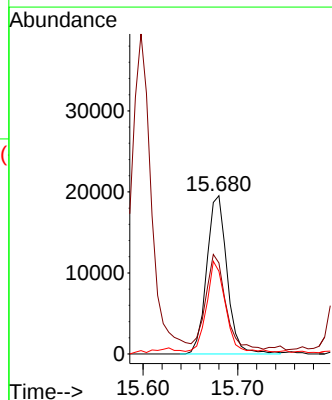
Manual Integrations
APPROVED

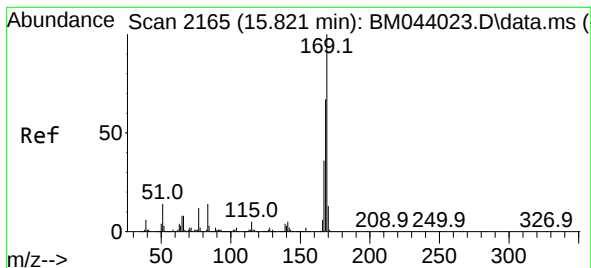
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#65
4,6-Dinitro-2-methylphenol
Concen: 2.101 ng
RT: 15.680 min Scan# 2141
Delta R.T. -0.006 min
Lab File: BM044064.D
Acq: 12 Feb 2024 19:31

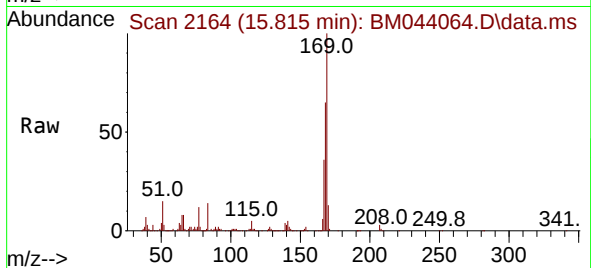
Tgt Ion:198 Resp: 29131
Ion Ratio Lower Upper
198 100
51 57.5 29.9 69.9
105 52.3 28.7 68.7





#66
n-Nitrosodiphenylamine
Concen: 3.668 ng
RT: 15.815 min Scan# 2165
Delta R.T. -0.006 min
Lab File: BM044064.D
Acq: 12 Feb 2024 19:31

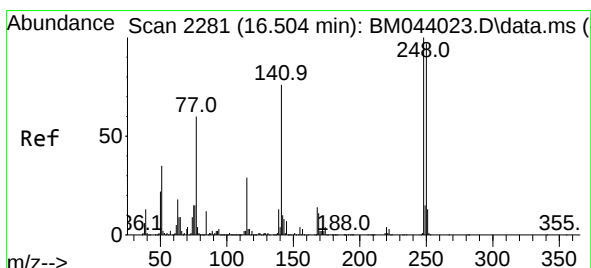
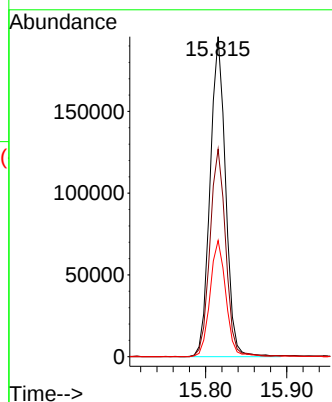
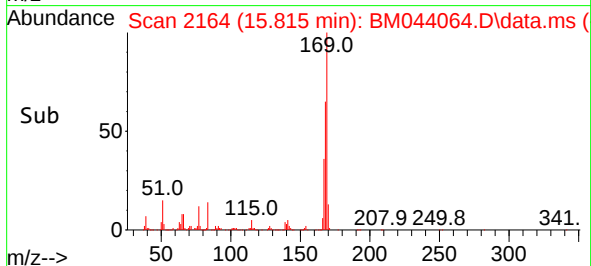
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT1-2024



Tgt Ion:169 Resp: 25922
Ion Ratio Lower Upper
169 100
168 64.8 53.8 80.8
167 36.3 29.2 43.8

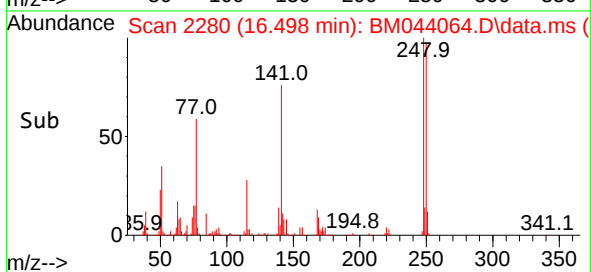
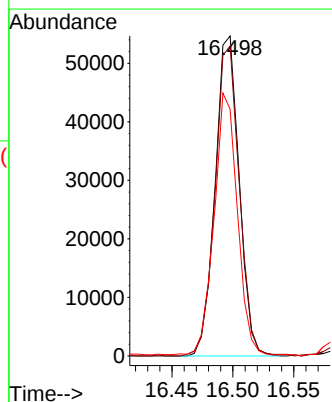
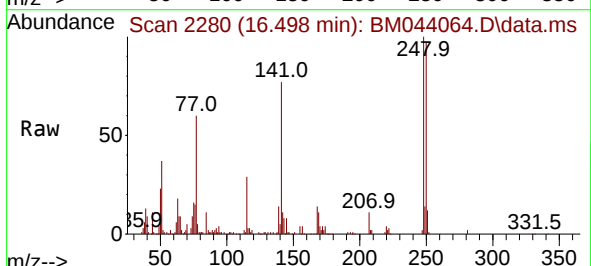
Manual Integrations
APPROVED

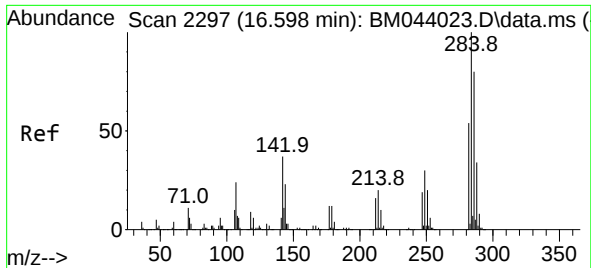
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#67
4-Bromophenyl-phenylether
Concen: 3.260 ng
RT: 16.498 min Scan# 2280
Delta R.T. -0.006 min
Lab File: BM044064.D
Acq: 12 Feb 2024 19:31

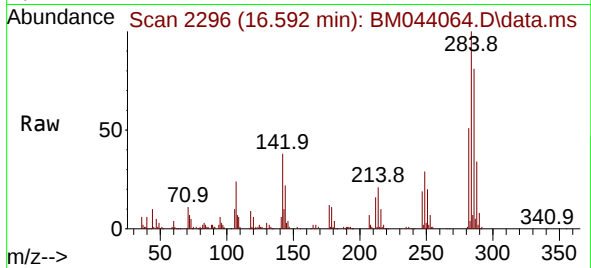
Tgt Ion:248 Resp: 74979
Ion Ratio Lower Upper
248 100
250 96.8 77.4 116.2
141 77.1 61.0 91.6





#68
Hexachlorobenzene
Concen: 3.607 ng
RT: 16.592 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM044064.D
Acq: 12 Feb 2024 19:31

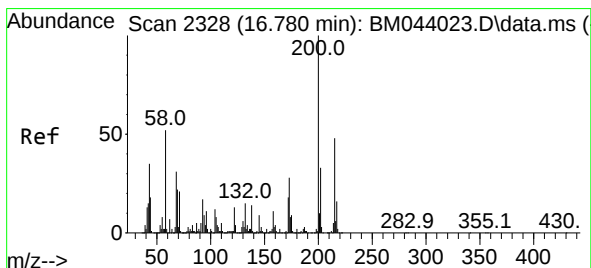
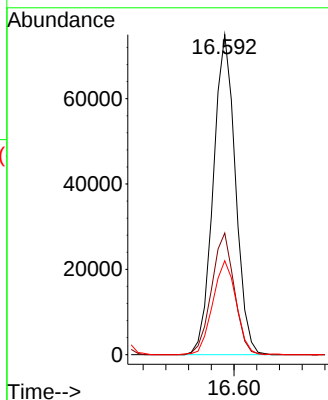
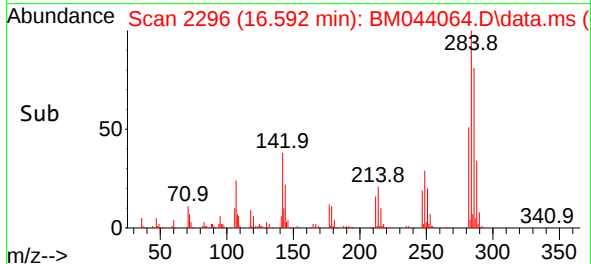
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2024



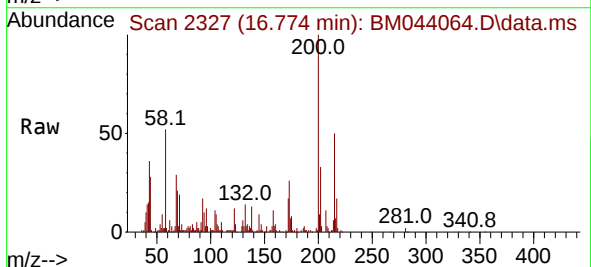
Tgt Ion:284 Resp: 101630
Ion Ratio Lower Upper
284 100
142 38.0 30.0 45.0
249 29.4 24.1 36.1

Manual Integrations
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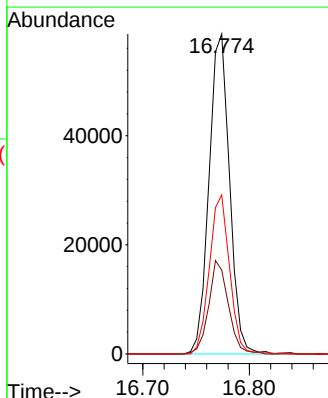
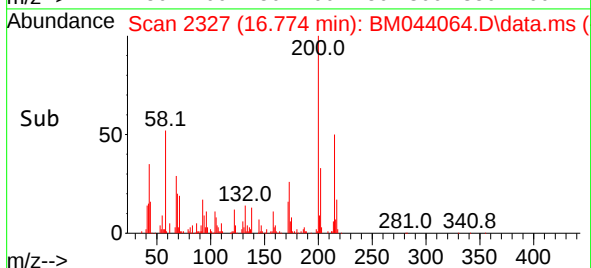
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024

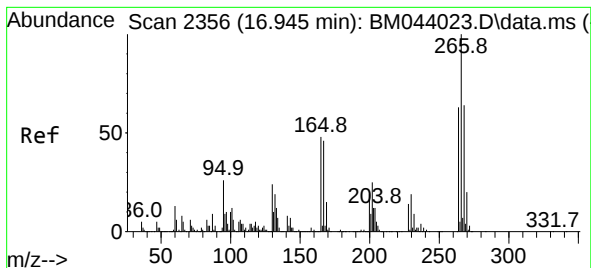


#69
Atrazine
Concen: 4.097 ng
RT: 16.774 min Scan# 2327
Delta R.T. -0.006 min
Lab File: BM044064.D
Acq: 12 Feb 2024 19:31



Tgt Ion:200 Resp: 78412
Ion Ratio Lower Upper
200 100
173 26.2 7.9 47.9
215 49.7 27.9 67.9





#70

Pentachlorophenol

Concen: 2.427 ng

RT: 16.945 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM044064.D

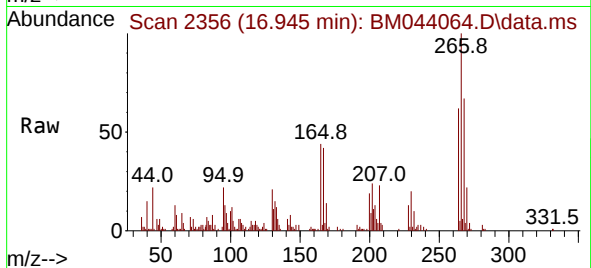
Acq: 12 Feb 2024 19:31

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2024



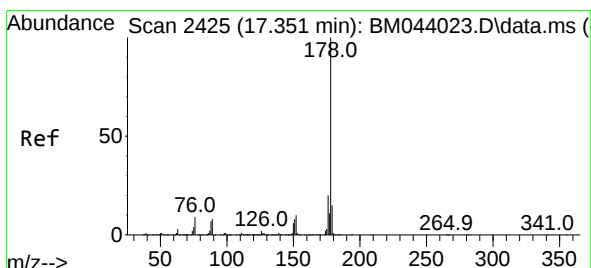
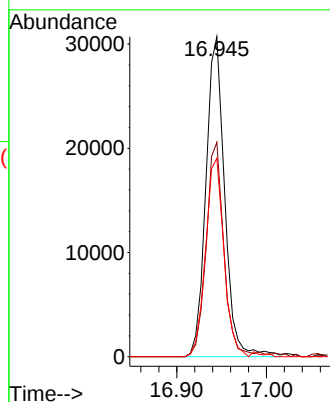
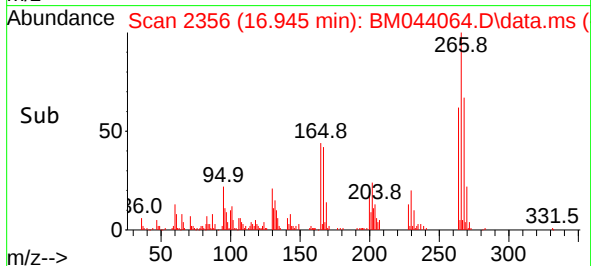
Tgt Ion:	266	Resp:	44484
Ion Ratio	Lower	Upper	
266	100		
268	71.3	51.1	76.7
264	62.0	50.5	75.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/14/2024

Supervised By :mohammad ahmed 02/14/2024



#71

Phenanthrene

Concen: 3.964 ng

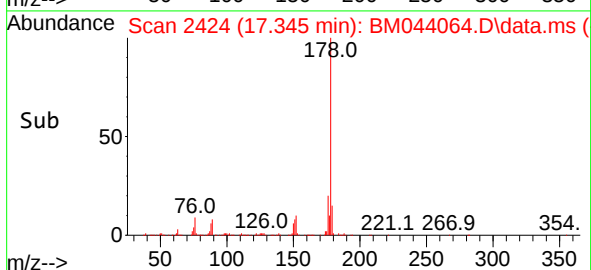
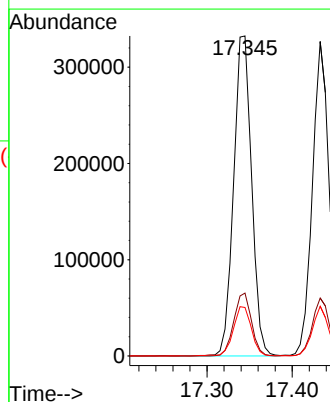
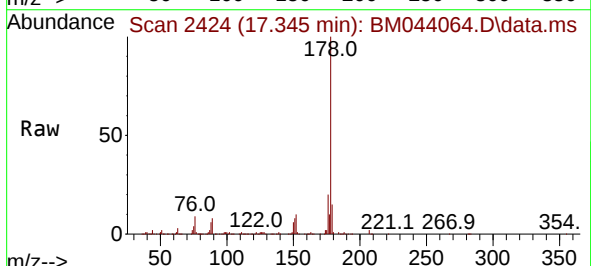
RT: 17.345 min Scan# 2424

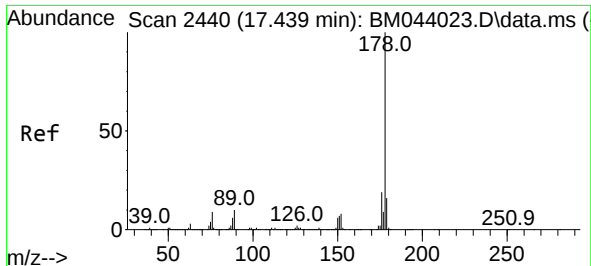
Delta R.T. -0.006 min

Lab File: BM044064.D

Acq: 12 Feb 2024 19:31

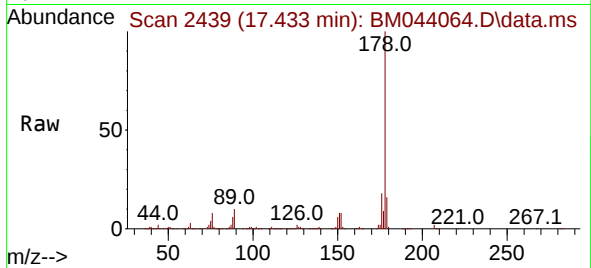
Tgt Ion:	178	Resp:	486984
Ion Ratio	Lower	Upper	
178	100		
176	19.6	15.6	23.4
179	15.2	12.2	18.4





#72
 Anthracene
 Concen: 3.741 ng
 RT: 17.433 min Scan# 2440
 Delta R.T. -0.006 min
 Lab File: BM044064.D
 Acq: 12 Feb 2024 19:31

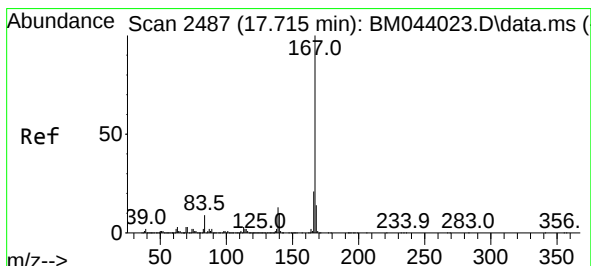
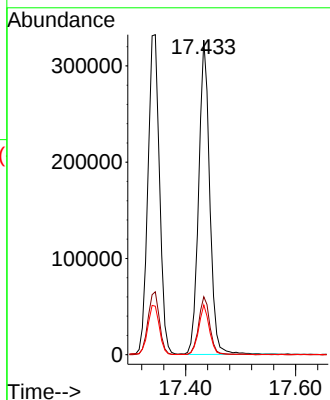
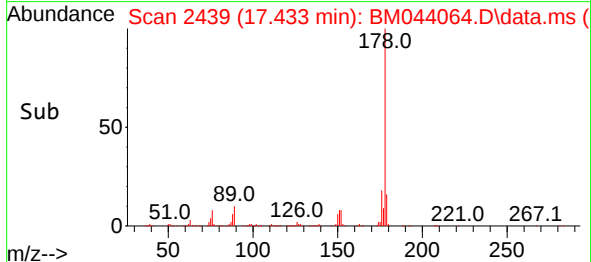
Instrument : BNA_M
 ClientSampleId : MDL-WATER-03-QT1-2024



Tgt Ion:178 Resp: 455000
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.3 22.9
 179 15.8 12.4 18.6

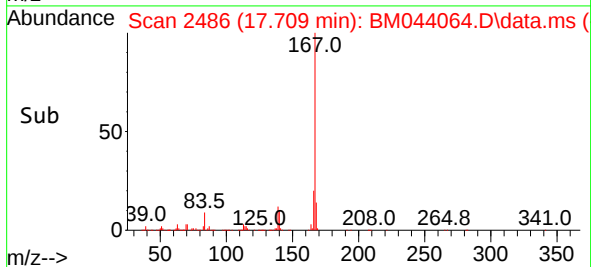
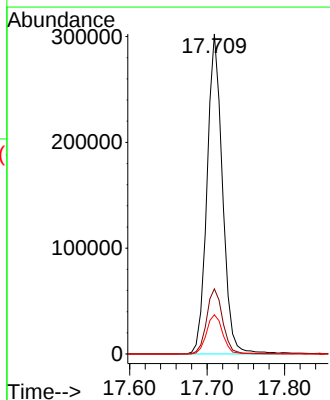
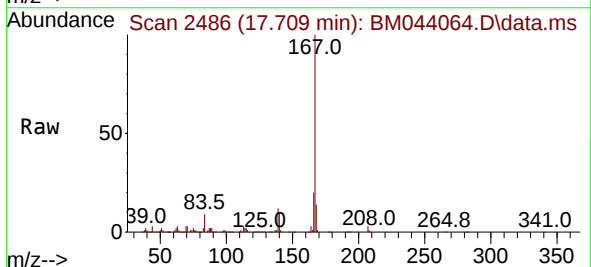
Manual Integrations
 APPROVED

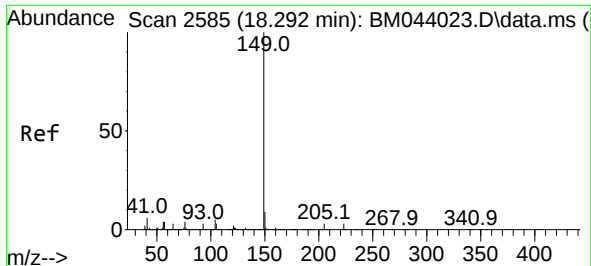
Reviewed By :Yogesh Patel 02/14/2024
 Supervised By :mohammad ahmed 02/14/2024



#73
 Carbazole
 Concen: 3.529 ng
 RT: 17.709 min Scan# 2486
 Delta R.T. -0.006 min
 Lab File: BM044064.D
 Acq: 12 Feb 2024 19:31

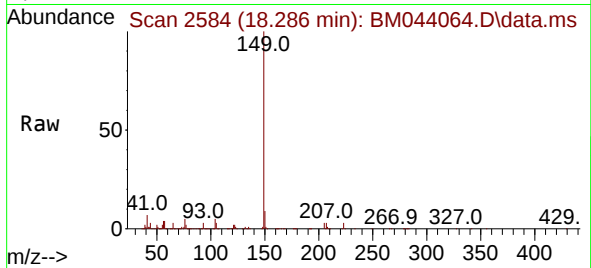
Tgt Ion:167 Resp: 417463
 Ion Ratio Lower Upper
 167 100
 166 20.4 16.8 25.2
 139 12.2 10.4 15.6





#74
Di-n-butylphthalate
Concen: 3.016 ng
RT: 18.286 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM044064.D
Acq: 12 Feb 2024 19:31

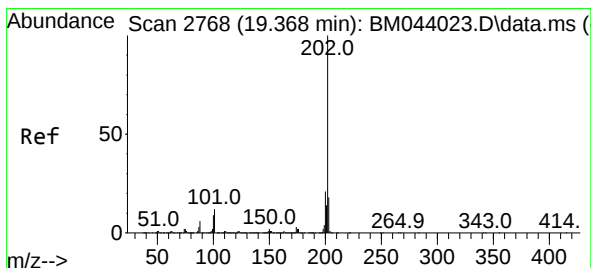
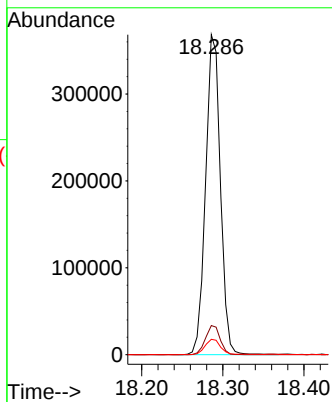
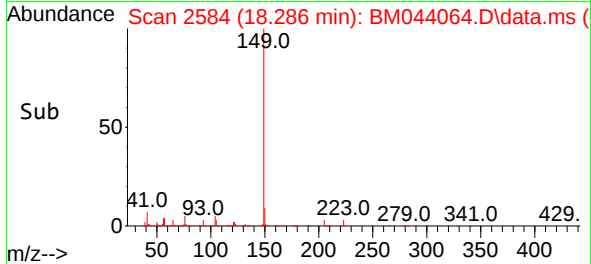
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion:149 Resp: 463664
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.2
104 4.8 3.8 5.6

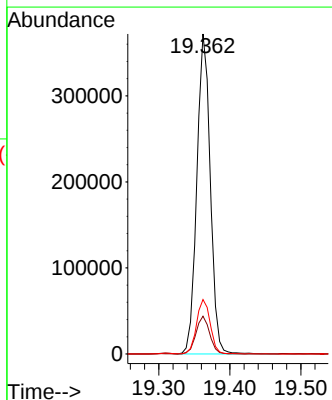
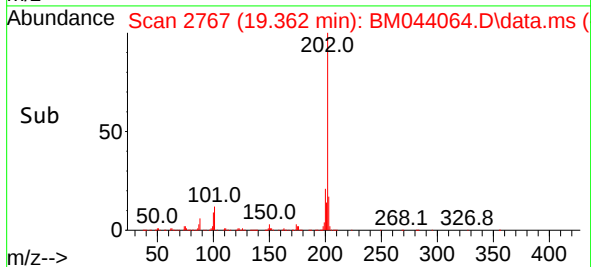
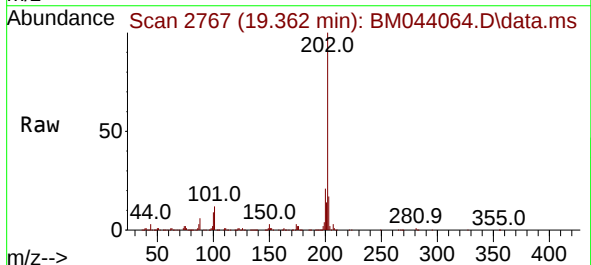
Manual Integrations
APPROVED

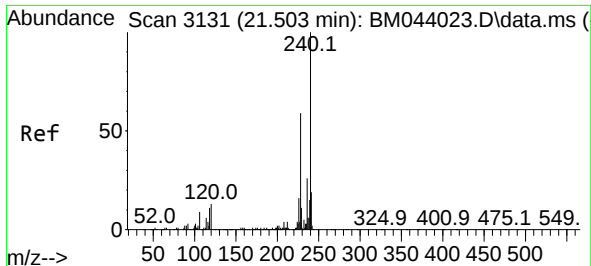
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#75
Fluoranthene
Concen: 3.557 ng
RT: 19.362 min Scan# 2767
Delta R.T. -0.006 min
Lab File: BM044064.D
Acq: 12 Feb 2024 19:31

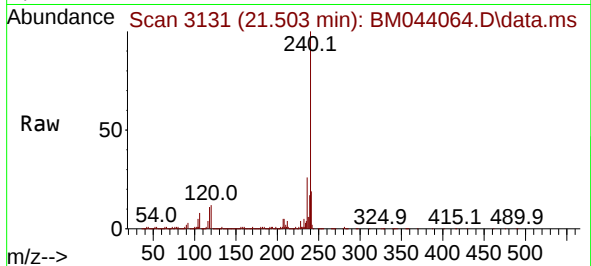
Tgt Ion:202 Resp: 490806
Ion Ratio Lower Upper
202 100
101 11.8 0.0 32.4
203 17.0 0.0 37.8





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.503 min Scan# 3131
Delta R.T. -0.000 min
Lab File: BM044064.D
Acq: 12 Feb 2024 19:31

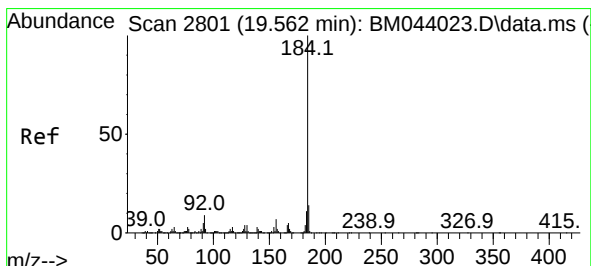
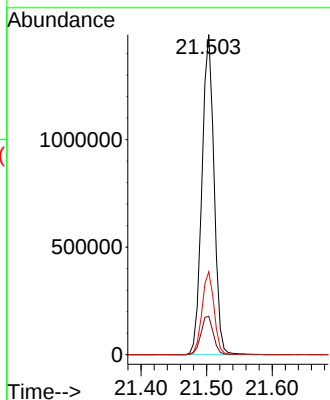
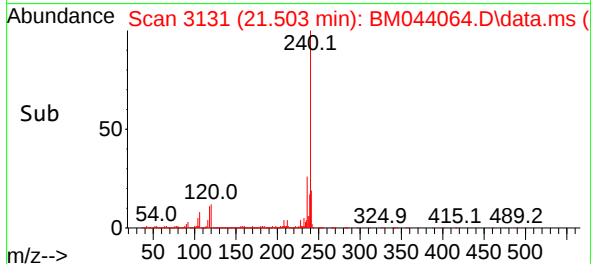
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion:240 Resp: 1916230
Ion Ratio Lower Upper
240 100
120 12.0 10.1 15.1
236 25.9 20.6 31.0

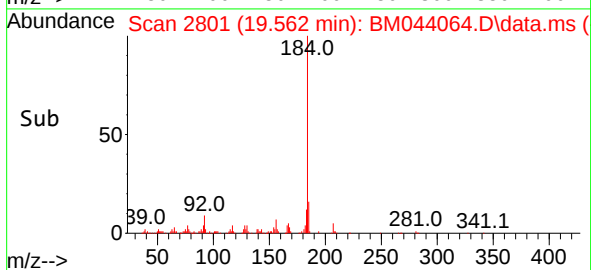
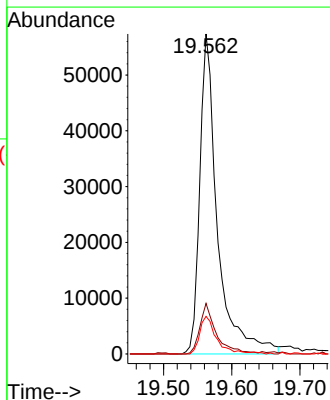
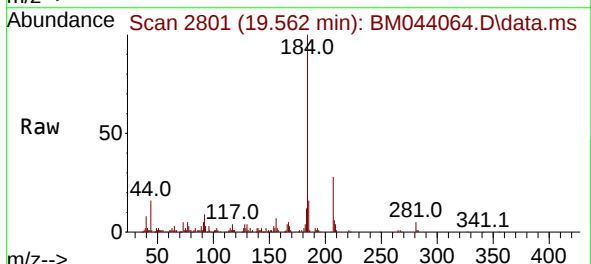
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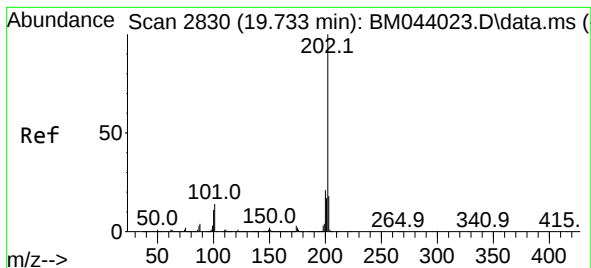
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#77
Benzidine
Concen: 3.477 ng
RT: 19.562 min Scan# 2801
Delta R.T. -0.000 min
Lab File: BM044064.D
Acq: 12 Feb 2024 19:31

Tgt Ion:184 Resp: 103527
Ion Ratio Lower Upper
184 100
185 15.8 11.0 16.6
183 11.7 9.0 13.4





#78

Pyrene

Concen: 3.448 ng

RT: 19.727 min Scan# 2829

Delta R.T. -0.006 min

Lab File: BM044064.D

Acq: 12 Feb 2024 19:31

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2024

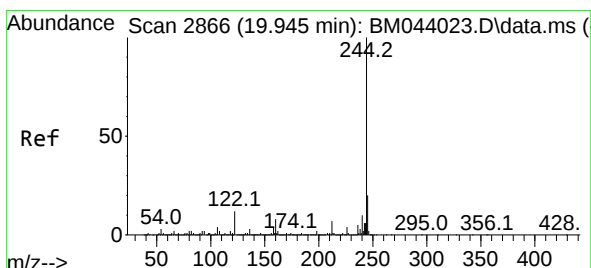
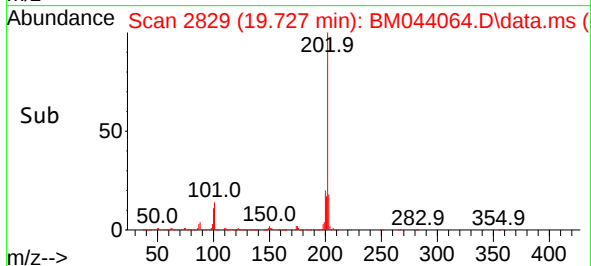
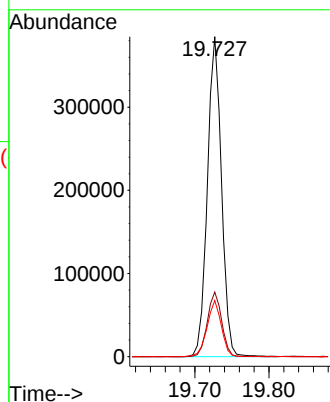
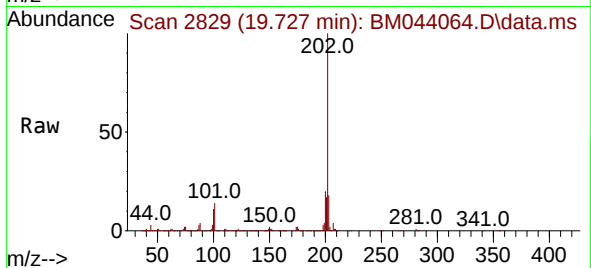
Tgt Ion:202 Resp: 508928
 Ion Ratio Lower Upper
 202 100
 200 20.2 16.8 25.2
 203 17.6 14.0 21.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/14/2024

Supervised By :mohammad ahmed 02/14/2024



#79

Terphenyl-d14

Concen: 76.941 ng

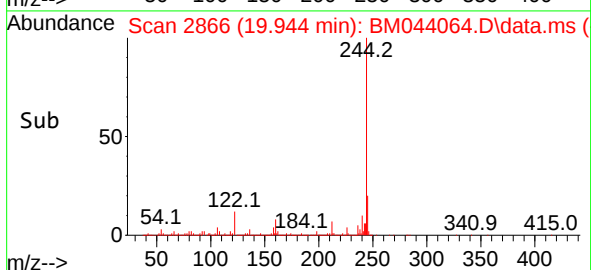
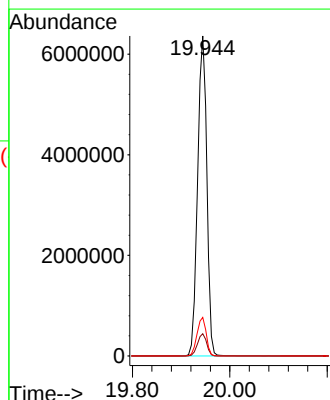
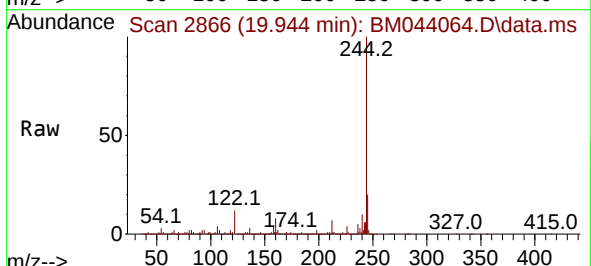
RT: 19.944 min Scan# 2866

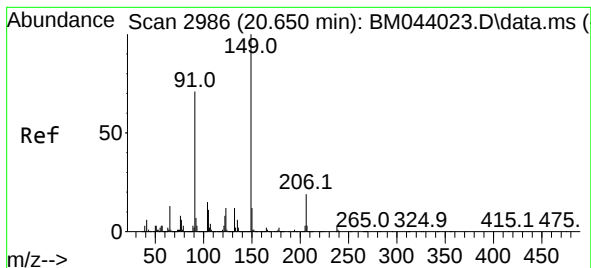
Delta R.T. -0.000 min

Lab File: BM044064.D

Acq: 12 Feb 2024 19:31

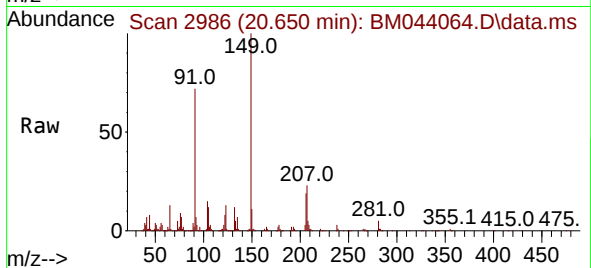
Tgt Ion:244 Resp: 8410423
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 12.0 9.5 14.3





#80
Butylbenzylphthalate
Concen: 2.573 ng
RT: 20.650 min Scan# 2986
Delta R.T. -0.000 min
Lab File: BM044064.D
Acq: 12 Feb 2024 19:31

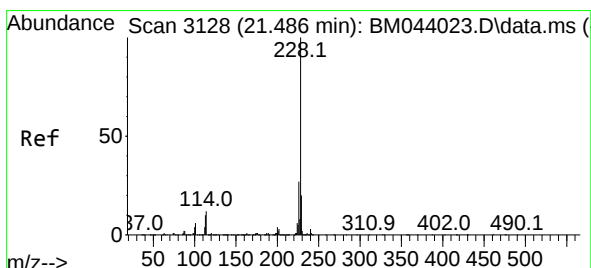
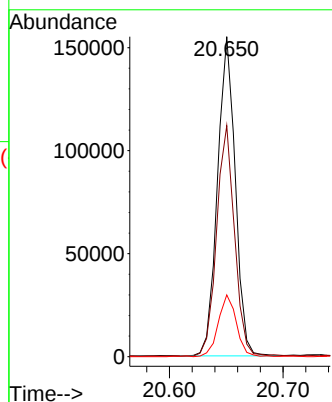
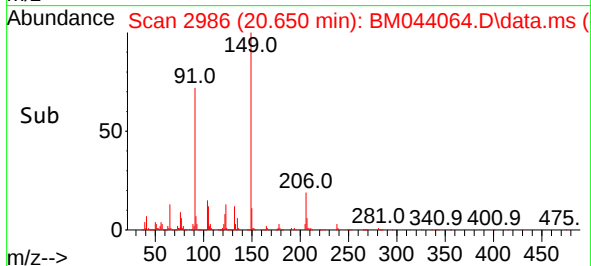
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion:149 Resp: 168785
Ion Ratio Lower Upper
149 100
91 72.2 56.8 85.2
206 19.3 15.0 22.6

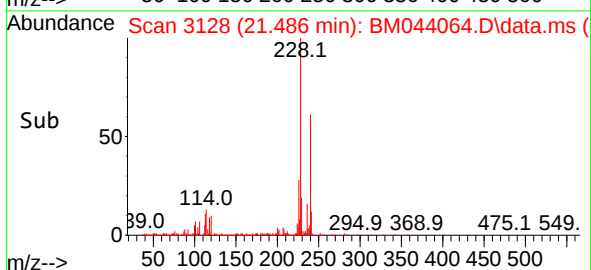
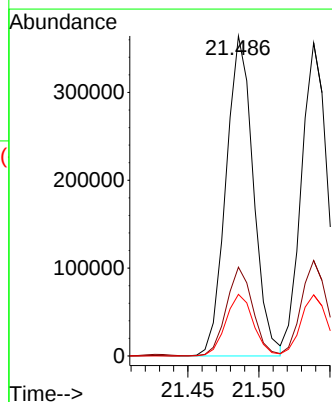
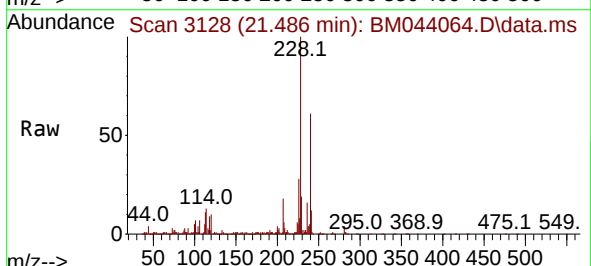
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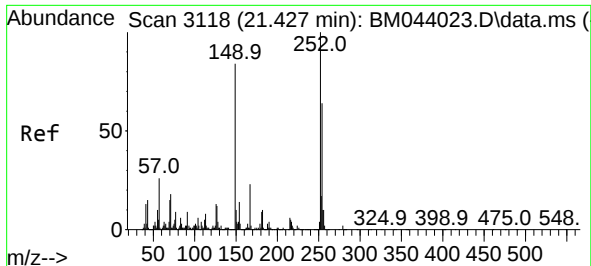
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#81
Benzo(a)anthracene
Concen: 3.670 ng
RT: 21.486 min Scan# 3128
Delta R.T. -0.000 min
Lab File: BM044064.D
Acq: 12 Feb 2024 19:31

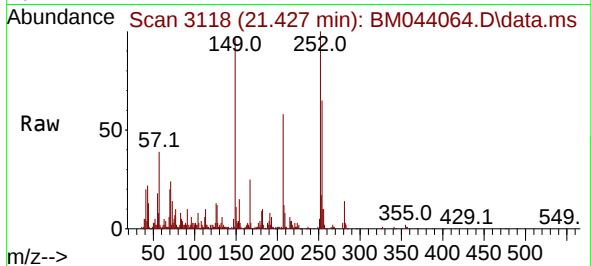
Tgt Ion:228 Resp: 489213
Ion Ratio Lower Upper
228 100
226 27.7 21.4 32.2
229 19.3 15.9 23.9





#82
3,3'-Dichlorobenzidine
Concen: 3.425 ng
RT: 21.427 min Scan# 3118
Delta R.T. -0.000 min
Lab File: BM044064.D
Acq: 12 Feb 2024 19:31

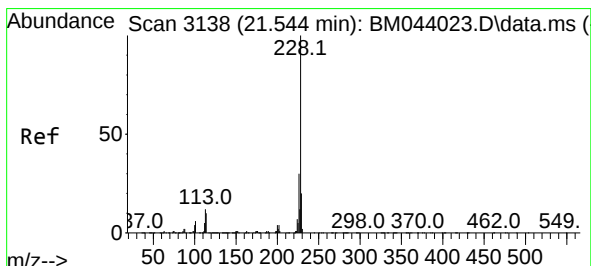
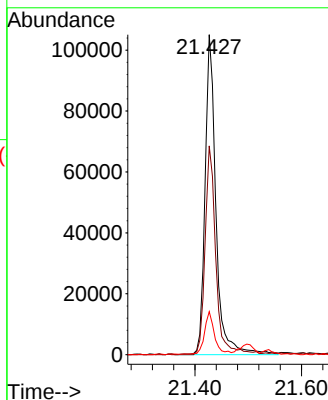
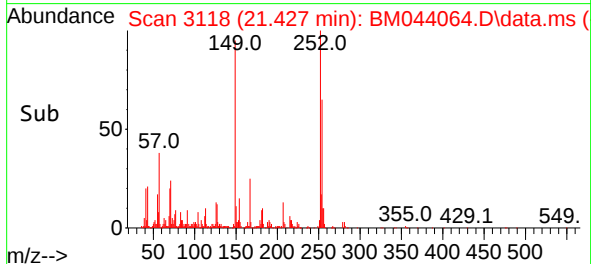
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2024



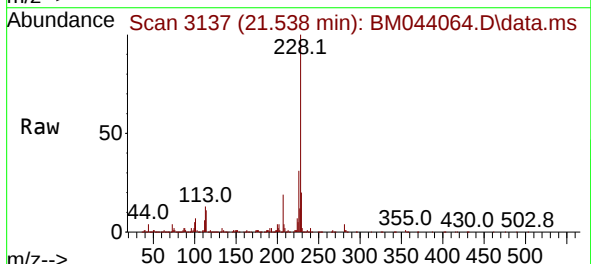
Tgt Ion:252 Resp: 14981
Ion Ratio Lower Upper
252 100
254 65.2 51.2 76.8
126 13.5 10.2 15.4

Manual Integrations
APPROVED

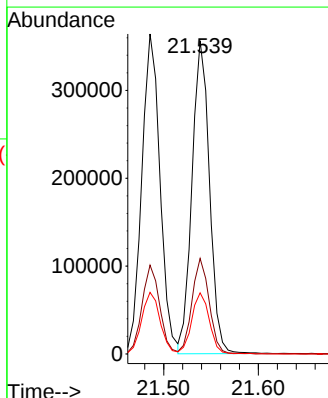
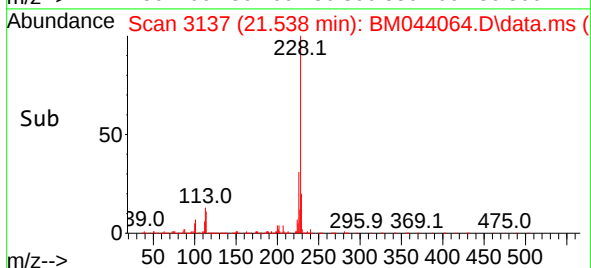
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024

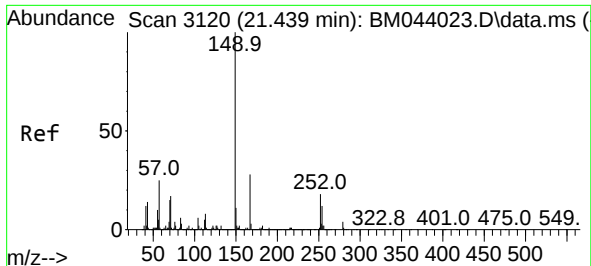


#83
Chrysene
Concen: 3.632 ng
RT: 21.538 min Scan# 3137
Delta R.T. -0.006 min
Lab File: BM044064.D
Acq: 12 Feb 2024 19:31



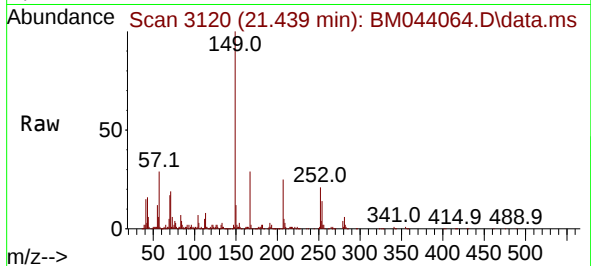
Tgt Ion:228 Resp: 457423
Ion Ratio Lower Upper
228 100
226 30.5 24.2 36.2
229 19.5 15.8 23.8





#84
Bis(2-ethylhexyl)phthalate
Concen: 2.797 ng
RT: 21.439 min Scan# 3120
Delta R.T. -0.000 min
Lab File: BM044064.D
Acq: 12 Feb 2024 19:31

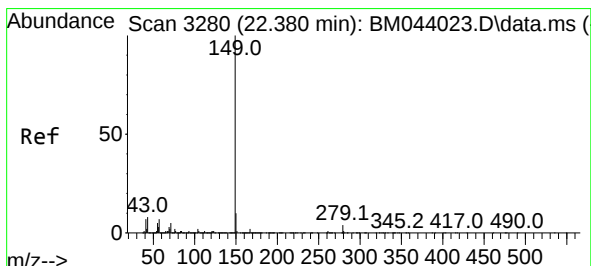
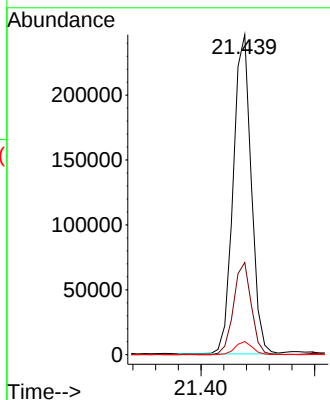
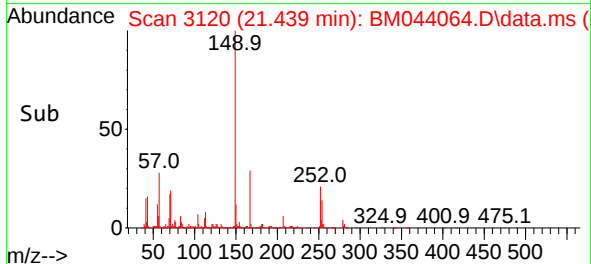
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion:149 Resp: 27069
Ion Ratio Lower Upper
149 100
167 28.8 22.6 33.8
279 4.1 3.1 4.7

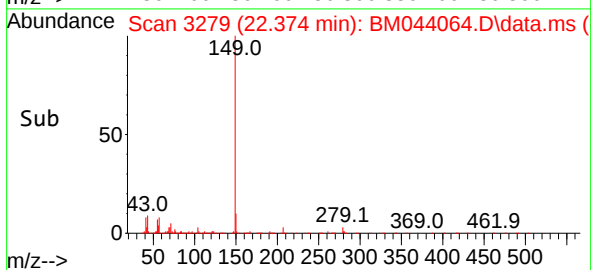
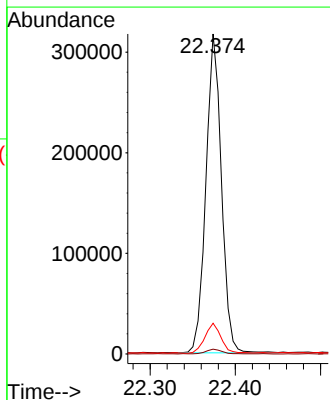
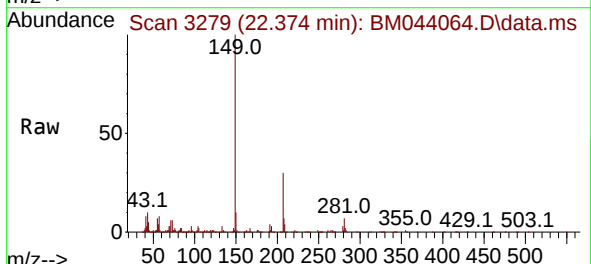
Manual Integrations
APPROVED

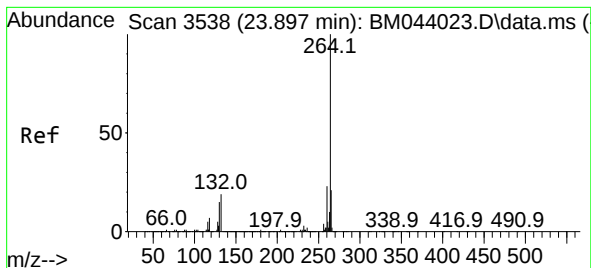
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#85
Di-n-octyl phthalate
Concen: 2.368 ng
RT: 22.374 min Scan# 3279
Delta R.T. -0.006 min
Lab File: BM044064.D
Acq: 12 Feb 2024 19:31

Tgt Ion:149 Resp: 400214
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.6 7.0 10.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.897 min Scan# 3

Delta R.T. -0.000 min

Lab File: BM044064.D

Acq: 12 Feb 2024 19:31

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2024

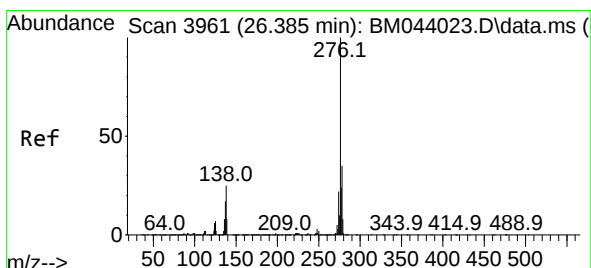
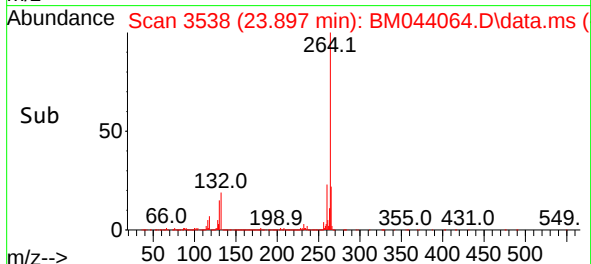
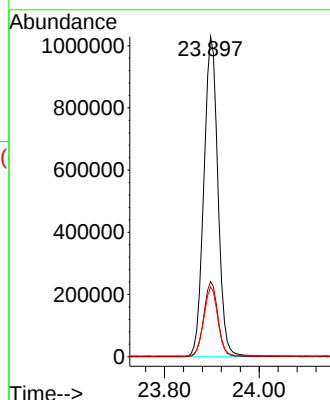
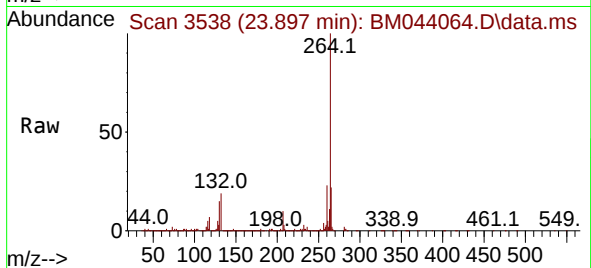
Tgt Ion:264 Resp: 211905

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.8	28.2
265	21.8	17.3	25.9

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/14/2024

Supervised By :mohammad ahmed 02/14/2024



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.536 ng

RT: 26.373 min Scan# 3959

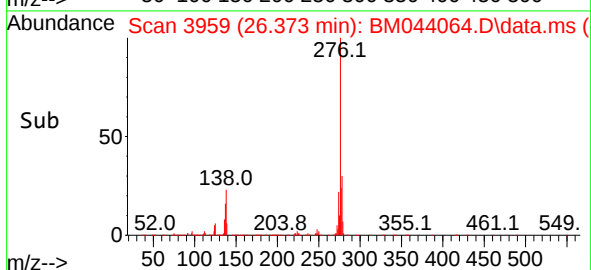
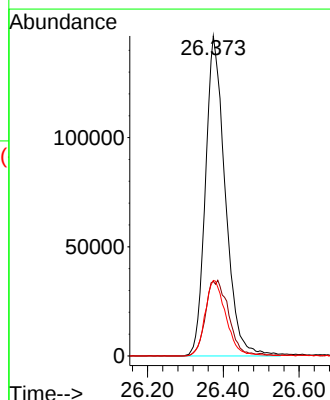
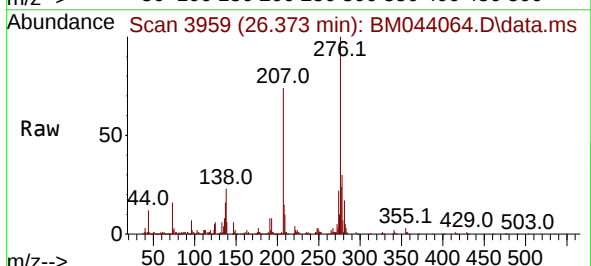
Delta R.T. -0.012 min

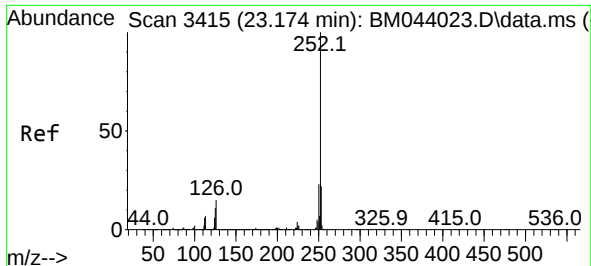
Lab File: BM044064.D

Acq: 12 Feb 2024 19:31

Tgt Ion:276 Resp: 530257

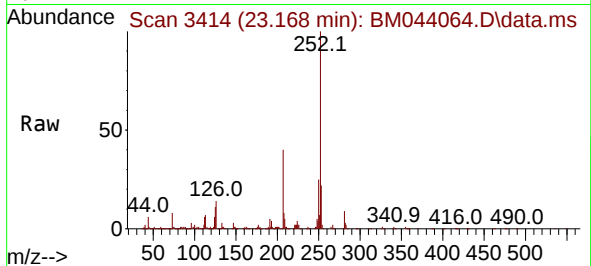
Ion	Ratio	Lower	Upper
276	100		
138	27.6	22.6	34.0
277	25.0	20.2	30.2





#88
Benzo(b)fluoranthene
Concen: 3.459 ng
RT: 23.168 min Scan# 3414
Delta R.T. -0.006 min
Lab File: BM044064.D
Acq: 12 Feb 2024 19:31

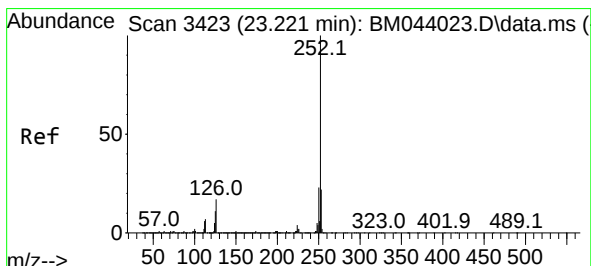
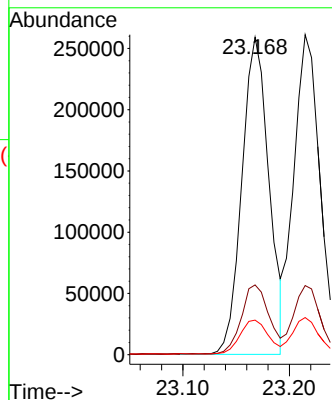
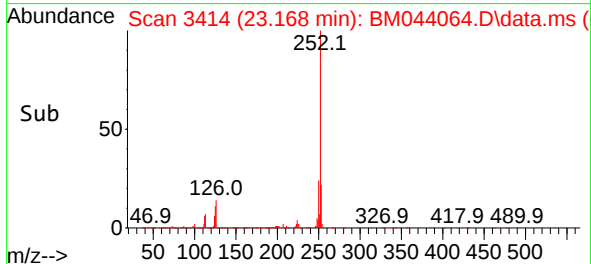
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion:252 Resp: 458144
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 10.9 8.8 13.2

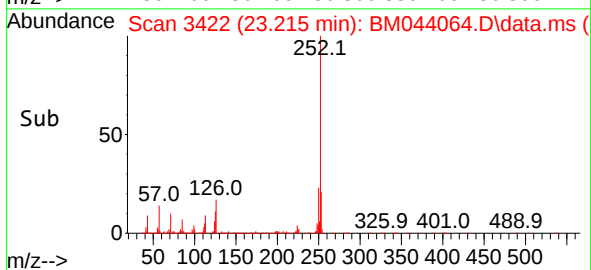
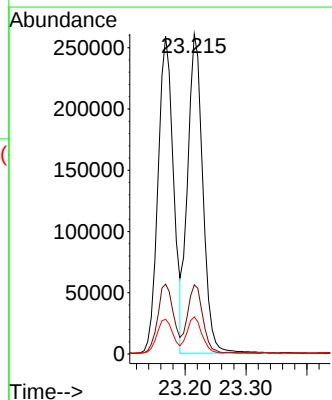
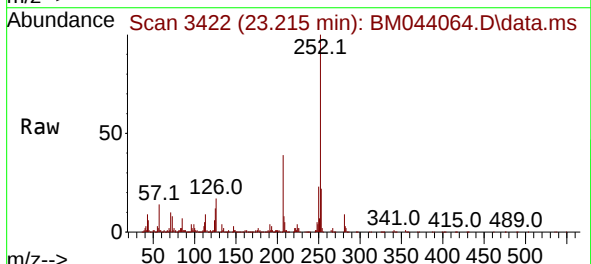
Manual Integrations
APPROVED

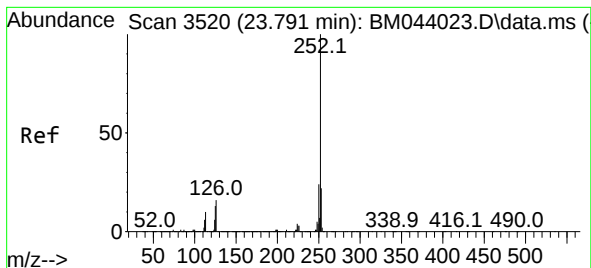
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#89
Benzo(k)fluoranthene
Concen: 3.592 ng
RT: 23.215 min Scan# 3422
Delta R.T. -0.006 min
Lab File: BM044064.D
Acq: 12 Feb 2024 19:31

Tgt Ion:252 Resp: 452136
Ion Ratio Lower Upper
252 100
253 21.6 17.7 26.5
125 11.6 9.0 13.4





#90

Benzo(a)pyrene

Concen: 3.337 ng

RT: 23.791 min Scan# 3520

Delta R.T. -0.000 min

Lab File: BM044064.D

Acq: 12 Feb 2024 19:31

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2024

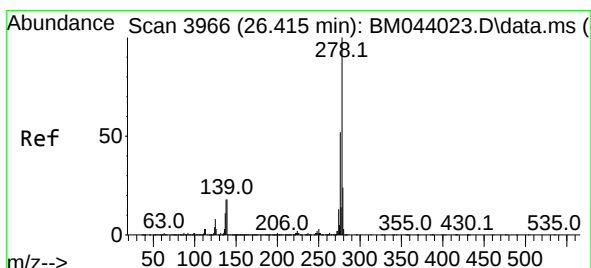
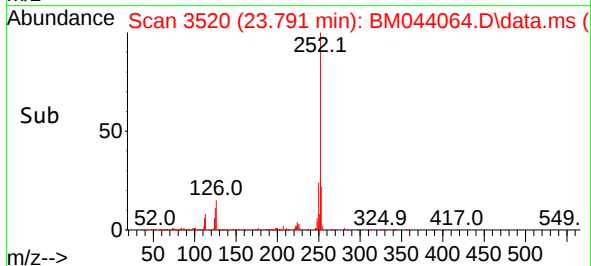
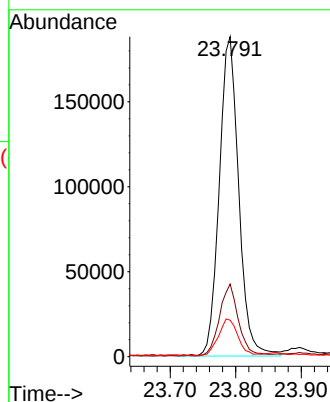
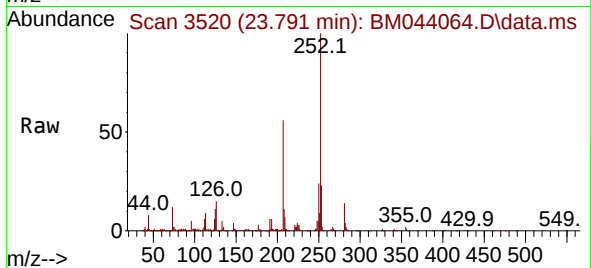
Tgt Ion:	252	Resp:	386094
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.7	26.5
125	11.4	10.1	15.1

Manual Integrations

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Reviewed By :Yogesh Patel 02/14/2024

Supervised By :mohammad ahmed 02/14/2024



#91

Dibenzo(a,h)anthracene

Concen: 3.530 ng

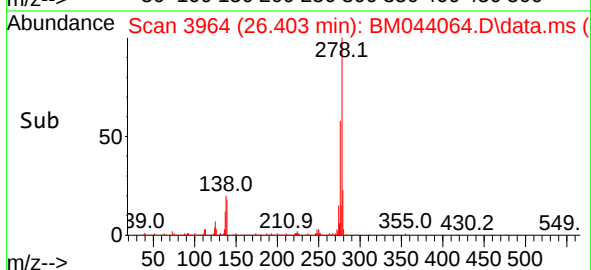
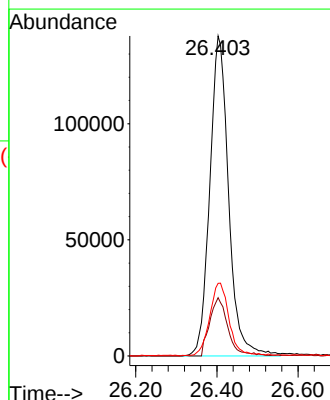
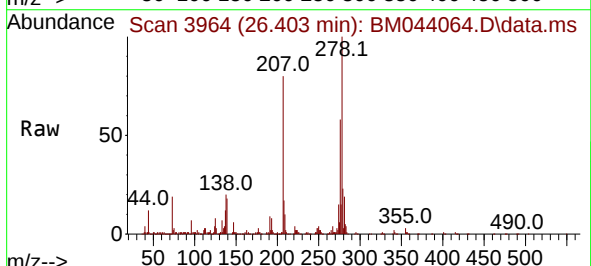
RT: 26.403 min Scan# 3964

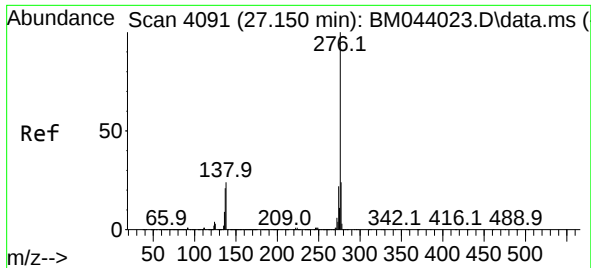
Delta R.T. -0.012 min

Lab File: BM044064.D

Acq: 12 Feb 2024 19:31

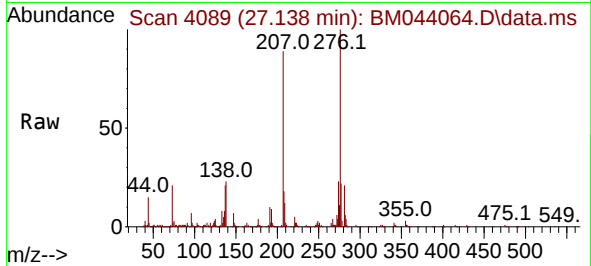
Tgt Ion:	278	Resp:	442820
Ion Ratio	Lower	Upper	
278	100		
139	18.2	14.5	21.7
279	22.7	18.9	28.3





#92
 Benzo(g,h,i)perylene
 Concen: 3.406 ng
 RT: 27.138 min Scan# 4089
 Delta R.T. -0.012 min
 Lab File: BM044064.D
 Acq: 12 Feb 2024 19:31

Instrument : BNA_M
 ClientSampleId : MDL-WATER-03-QT1-2024



Tgt Ion:	276	Resp:	43329
Ion Ratio	Lower	Upper	
276	100		
277	22.1	19.0	28.4
138	23.0	19.1	28.7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/14/2024
 Supervised By :mohammad ahmed 02/14/2024

