

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021224\
 Data File : BM044061.D
 Acq On : 12 Feb 2024 17:43
 Operator : MA/JU
 Sample : 04699-09
 Misc : MDL-MDL-WATER-8PPM
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT4-2023

Quant Time: Feb 13 00:47:02 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	555143	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	2393558	20.000	ng	0.00
39) Acenaphthene-d10	14.551	164	1438998	20.000	ng	0.00
64) Phenanthrene-d10	17.298	188	2952447	20.000	ng	0.00
76) Chrysene-d12	21.503	240	2428483	20.000	ng	0.00
86) Perylene-d12	23.897	264	2442312	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	3134005	82.109	ng	0.00
7) Phenol-d6	7.075	99	4133352	85.111	ng	0.00
23) Nitrobenzene-d5	9.075	82	2791821	61.893	ng	0.00
42) 2,4,6-Tribromophenol	16.039	330	1355589	87.006	ng	0.00
45) 2-Fluorobiphenyl	13.174	172	6104663	59.873	ng	0.00
79) Terphenyl-d14	19.944	244	8320376	60.062	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.387	88	97069	6.408	ng	96
3) Pyridine	3.787	79	221380	5.536	ng	98
4) n-Nitrosodimethylamine	3.710	42	93149	6.139	ng	# 96
6) Aniline	7.239	93	350115	7.332	ng	98
8) 2-Chlorophenol	7.463	128	243196	6.101	ng	98
9) Benzaldehyde	7.051	77	219259m	8.785	ng	
10) Phenol	7.098	94	305875	6.241	ng	97
11) bis(2-Chloroethyl)ether	7.339	93	252430	6.219	ng	99
12) 1,3-Dichlorobenzene	7.792	146	268978	5.944	ng	97
13) 1,4-Dichlorobenzene	7.939	146	273897	6.004	ng	98
14) 1,2-Dichlorobenzene	8.251	146	261457	6.015	ng	99
15) Benzyl Alcohol	8.151	79	203782	6.445	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.445	45	338626	6.581	ng	99
17) 2-Methylphenol	8.351	107	195486	6.076	ng	98
18) Hexachloroethane	8.975	117	98844	5.787	ng	98
19) n-Nitroso-di-n-propyla...	8.722	70	195836	6.567	ng	100
20) 3+4-Methylphenols	8.675	107	264184	5.966	ng	99
22) Acetophenone	8.733	105	393901	6.483	ng	# 98
24) Nitrobenzene	9.116	77	291128	6.303	ng	99
25) Isophorone	9.639	82	528546	6.085	ng	99
26) 2-Nitrophenol	9.822	139	112770	5.266	ng	94
27) 2,4-Dimethylphenol	9.886	122	187976	6.865	ng	98
28) bis(2-Chloroethoxy)met...	10.133	93	349857	6.228	ng	99
29) 2,4-Dichlorophenol	10.351	162	209357	5.807	ng	94
30) 1,2,4-Trichlorobenzene	10.569	180	237978	5.870	ng	99
31) Naphthalene	10.757	128	803251	6.080	ng	100
32) Benzoic acid	9.957	122	95241	3.453	ng	98
33) 4-Chloroaniline	10.874	127	324401	6.485	ng	98
34) Hexachlorobutadiene	11.033	225	131461	5.665	ng	95
35) Caprolactam	11.651	113	63987	5.515	ng	100
36) 4-Chloro-3-methylphenol	11.992	107	231416	5.928	ng	98
37) 2-Methylnaphthalene	12.368	142	535837	6.089	ng	97
38) 1-Methylnaphthalene	12.586	142	521730	6.034	ng	99
40) 1,2,4,5-Tetrachloroben...	12.733	216	253266	6.055	ng	99
41) Hexachlorocyclopentadiene	12.704	237	119330	6.537	ng	99
43) 2,4,6-Trichlorophenol	12.980	196	153093	5.378	ng	98

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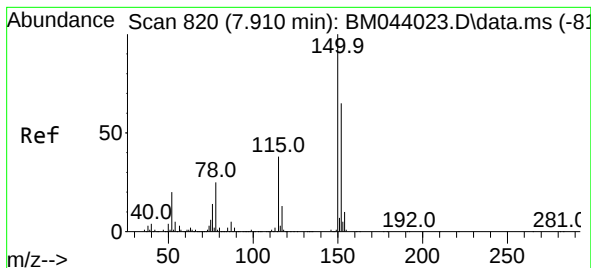
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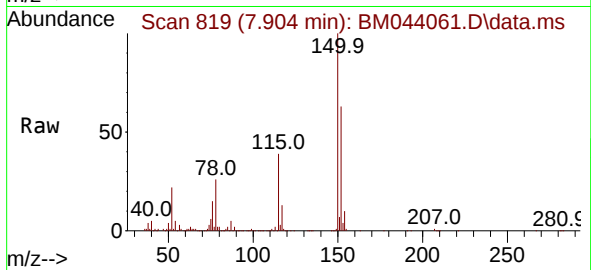
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.045	196	173616	5.558	ng	97
46) 1,1'-Biphenyl	13.386	154	724541	6.381	ng	99
47) 2-Chloronaphthalene	13.421	162	535415	5.953	ng	99
48) 2-Nitroaniline	13.633	65	147213	5.818	ng	89
49) Acenaphthylene	14.268	152	887756	6.616	ng	99
50) Dimethylphthalate	14.015	163	671195	6.291	ng	100
51) 2,6-Dinitrotoluene	14.139	165	131060	5.568	ng	95
52) Acenaphthene	14.610	154	503731	6.065	ng	99
53) 3-Nitroaniline	14.462	138	144901	5.728	ng	94
54) 2,4-Dinitrophenol	14.668	184	47912	8.742	ng	96
55) Dibenzofuran	14.945	168	836358	6.506	ng	99
56) 4-Nitrophenol	14.762	139	102139	4.967	ng	96
57) 2,4-Dinitrotoluene	14.921	165	166364	5.407	ng	96
58) Fluorene	15.598	166	653112	6.575	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.168	232	151236	6.170	ng	99
60) Diethylphthalate	15.380	149	668933	6.067	ng	98
61) 4-Chlorophenyl-phenyle...	15.598	204	312069	6.484	ng	99
62) 4-Nitroaniline	15.627	138	137602	5.404	ng	98
63) Azobenzene	15.892	77	650907	6.292	ng	98
65) 4,6-Dinitro-2-methylph...	15.680	198	74221	4.219	ng	99
66) n-Nitrosodiphenylamine	15.815	169	551103	6.144	ng	100
67) 4-Bromophenyl-phenylether	16.498	248	154812	5.303	ng	98
68) Hexachlorobenzene	16.592	284	208919	5.843	ng	97
69) Atrazine	16.774	200	180201	7.419	ng	99
70) Pentachlorophenol	16.939	266	107930	4.640	ng	99
71) Phenanthrene	17.345	178	1002113	6.428	ng	99
72) Anthracene	17.433	178	970372	6.287	ng	99
73) Carbazole	17.709	167	910323	6.065	ng	99
74) Di-n-butylphthalate	18.286	149	1095463	5.615	ng	99
75) Fluoranthene	19.362	202	1061743	6.063	ng	99
77) Benzidine	19.562	184	370374	9.814	ng	99
78) Pyrene	19.727	202	1119451	5.985	ng	100
80) Butylbenzylphthalate	20.650	149	423927	5.099	ng	98
81) Benzo(a)anthracene	21.486	228	1035132	6.128	ng	99
82) 3,3'-Dichlorobenzidine	21.427	252	324721	5.859	ng	97
83) Chrysene	21.538	228	957688	6.001	ng	100
84) Bis(2-ethylhexyl)phtha...	21.433	149	656700	5.354	ng	100
85) Di-n-octyl phthalate	22.374	149	998263	4.660	ng	98
87) Indeno(1,2,3-cd)pyrene	26.373	276	906474	5.244	ng	100
88) Benzo(b)fluoranthene	23.168	252	927868	6.078	ng	99
89) Benzo(k)fluoranthene	23.215	252	872548	6.015	ng	99
90) Benzo(a)pyrene	23.785	252	750329	5.627	ng	99
91) Dibenzo(a,h)anthracene	26.403	278	765875	5.297	ng	98
92) Benzo(g,h,i)perylene	27.132	276	728979	4.971	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

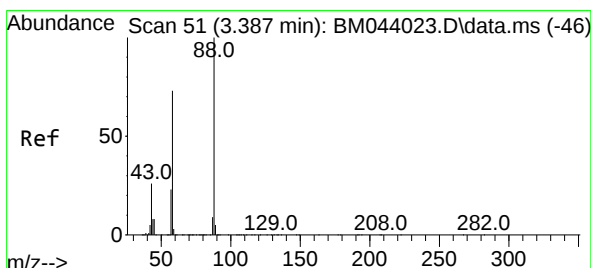
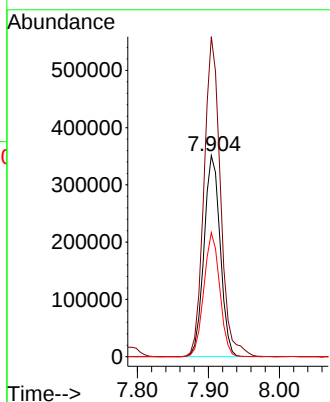
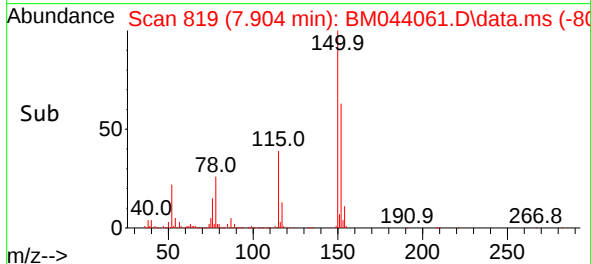
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion:152 Resp: 55514
Ion Ratio Lower Upper
152 100
150 159.1 122.7 184.1
115 61.7 47.0 70.6

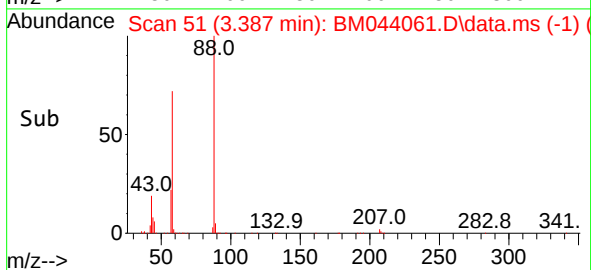
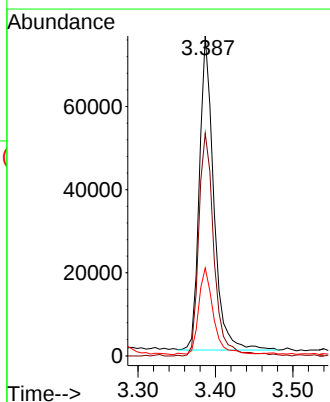
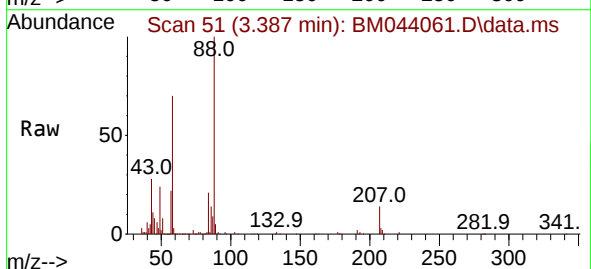
Manual Integrations
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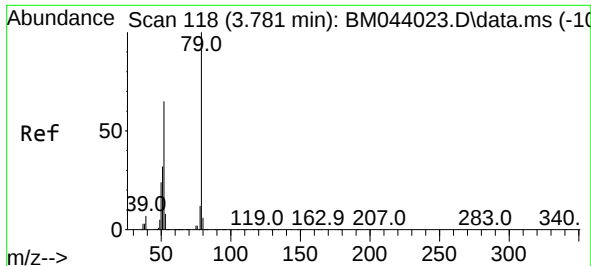
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#2
1,4-Dioxane
Concen: 6.408 ng
RT: 3.387 min Scan# 51
Delta R.T. -0.000 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

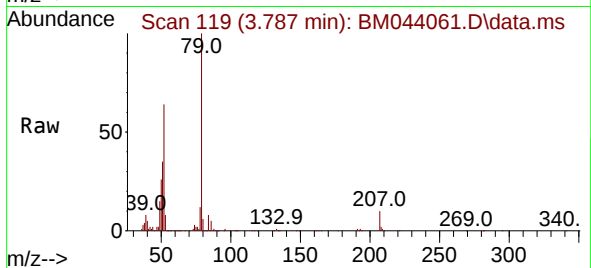
Tgt Ion: 88 Resp: 97069
Ion Ratio Lower Upper
88 100
58 75.5 58.1 87.1
43 28.5 21.1 31.7





#3
Pyridine
Concen: 5.536 ng
RT: 3.787 min Scan# 118
Delta R.T. 0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

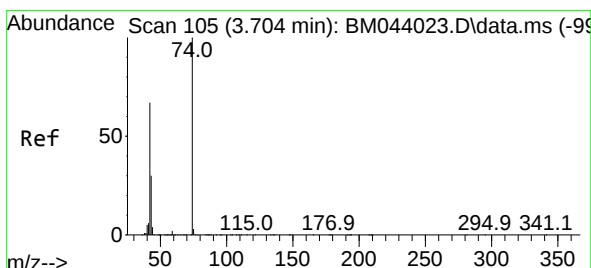
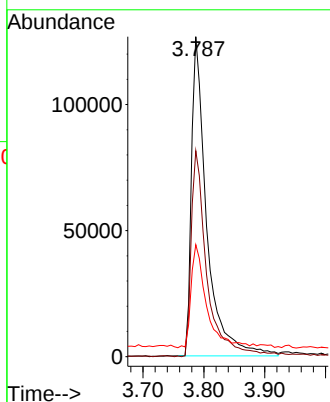
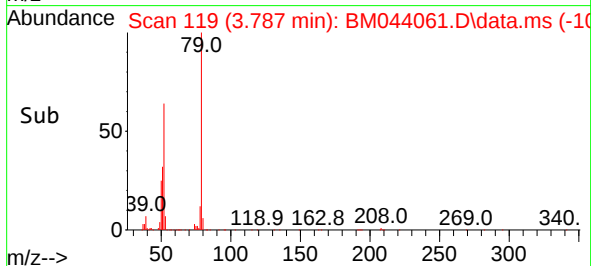
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023



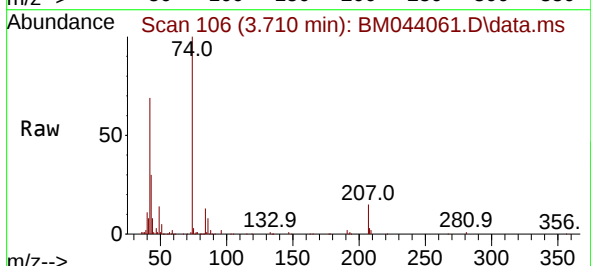
Tgt Ion: 79 Resp: 221380
Ion Ratio Lower Upper
79 100
52 64.4 52.2 78.2
51 35.0 26.2 39.4

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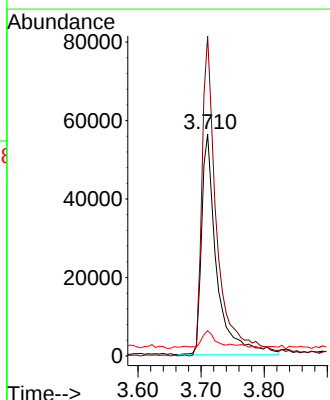
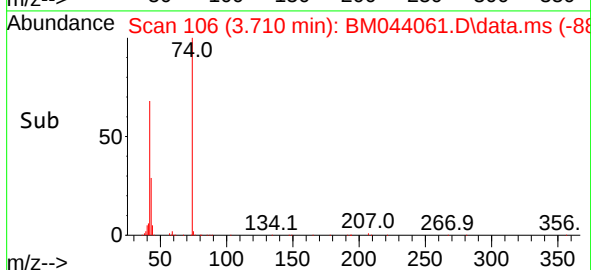
Reviewed By :Yogesh Patel 02/14/2024
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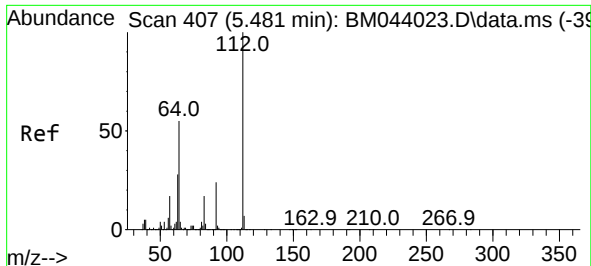


#4
n-Nitrosodimethylamine
Concen: 6.139 ng
RT: 3.710 min Scan# 106
Delta R.T. 0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43



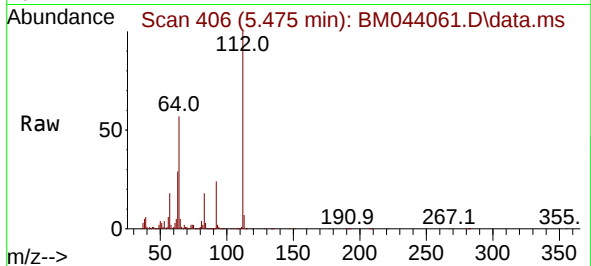
Tgt Ion: 42 Resp: 93149
Ion Ratio Lower Upper
42 100
74 144.3 118.6 178.0
44 11.4 5.6 8.4





#5
2-Fluorophenol
Concen: 82.109 ng
RT: 5.475 min Scan# 407
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

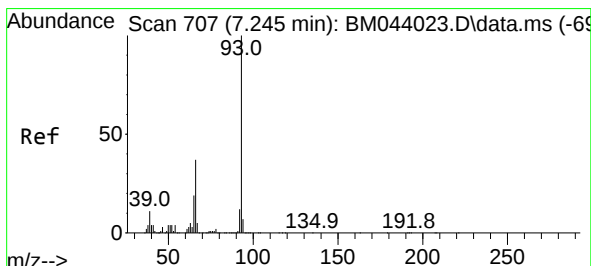
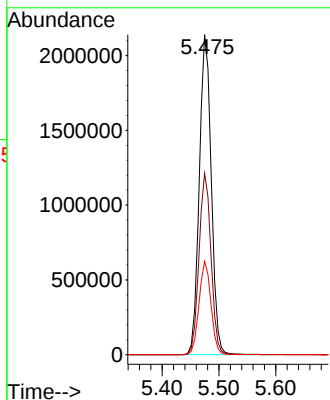
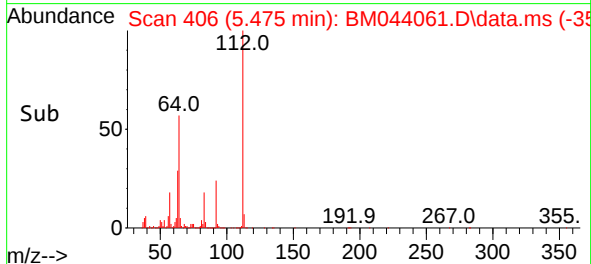
Instrument :
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ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion:112 Resp: 313400
Ion Ratio Lower Upper
112 100
64 56.7 44.2 66.4
63 29.2 22.6 34.0

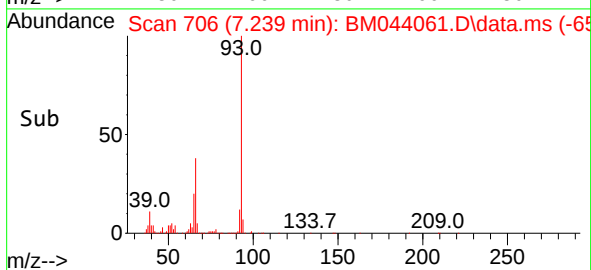
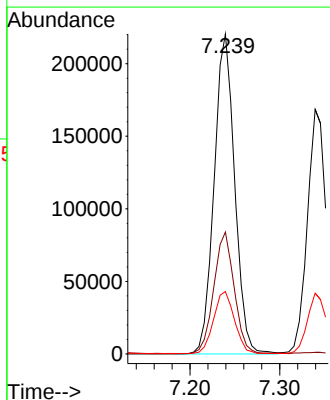
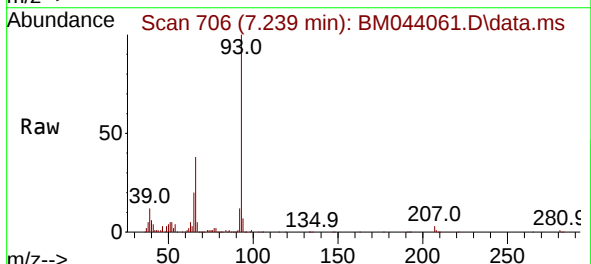
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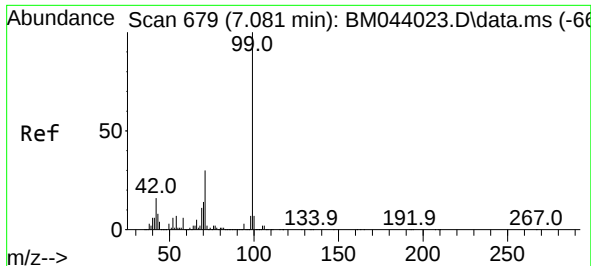
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#6
Aniline
Concen: 7.332 ng
RT: 7.239 min Scan# 706
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

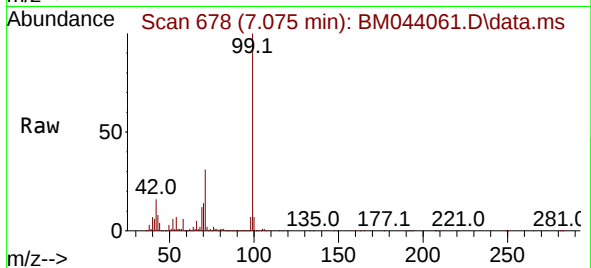
Tgt Ion: 93 Resp: 350115
Ion Ratio Lower Upper
93 100
66 38.1 29.4 44.0
65 19.5 15.2 22.8





#7
Phenol-d6
Concen: 85.111 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

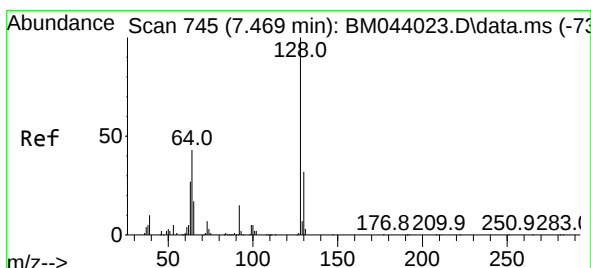
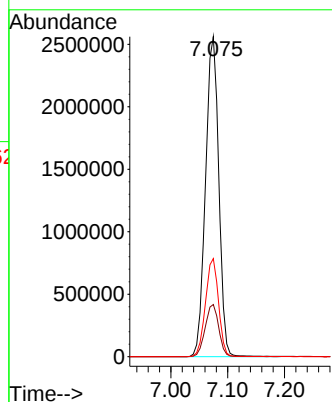
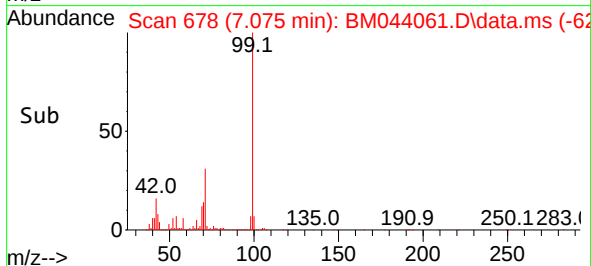
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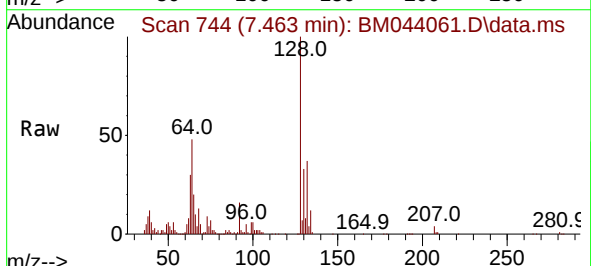
Tgt Ion: 99 Resp: 413335
Ion Ratio Lower Upper
99 100
42 16.3 12.9 19.3
71 30.7 23.9 35.9

Manual Integrations
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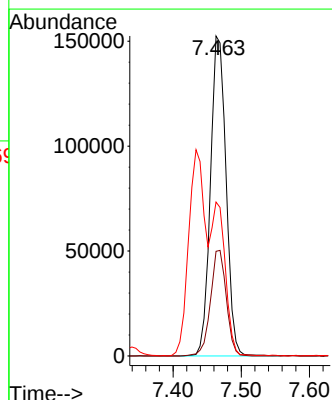
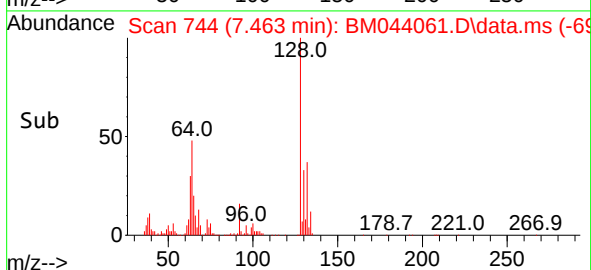
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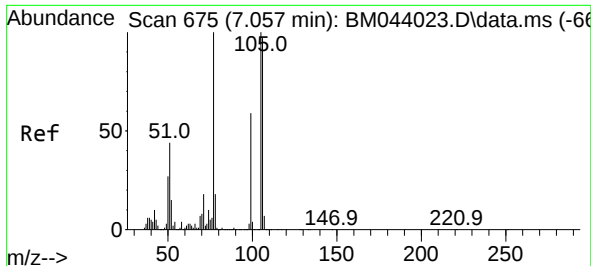


#8
2-Chlorophenol
Concen: 6.101 ng
RT: 7.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43



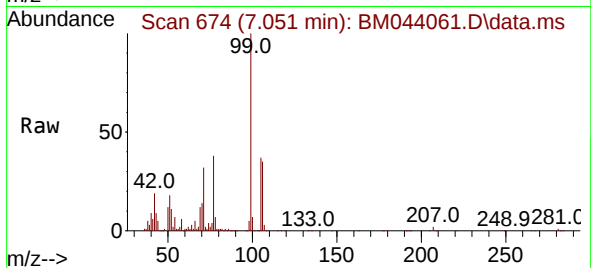
Tgt Ion:128 Resp: 243196
Ion Ratio Lower Upper
128 100
130 32.7 12.1 52.1
64 48.1 26.0 66.0





#9
Benzaldehyde
Concen: 8.785 ng m
RT: 7.051 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

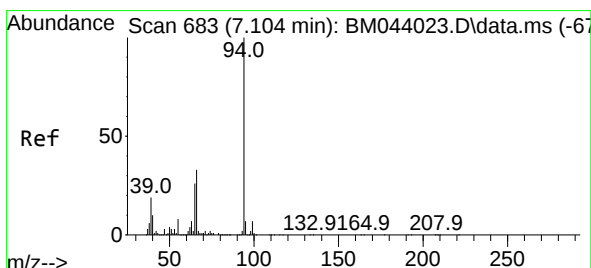
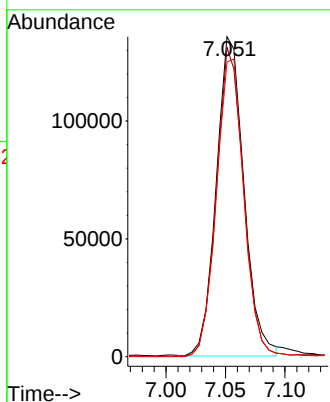
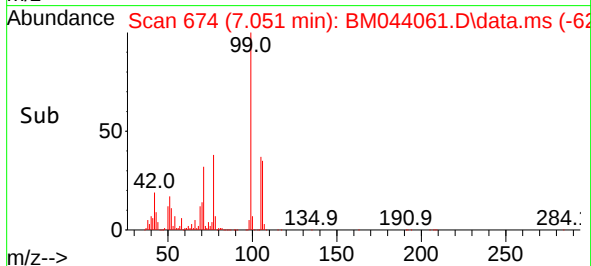
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion: 77 Resp: 21925
Ion Ratio Lower Upper
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105 96.6 80.0 120.0
106 92.1 76.8 116.8

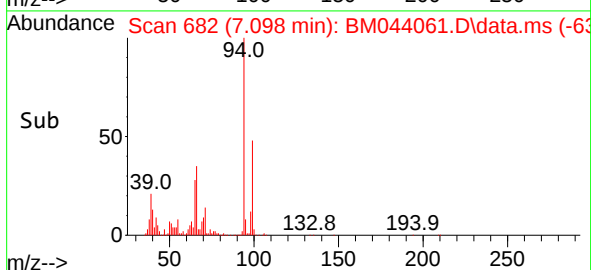
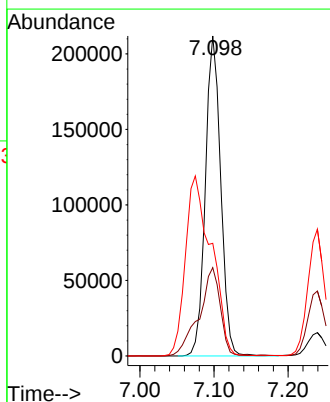
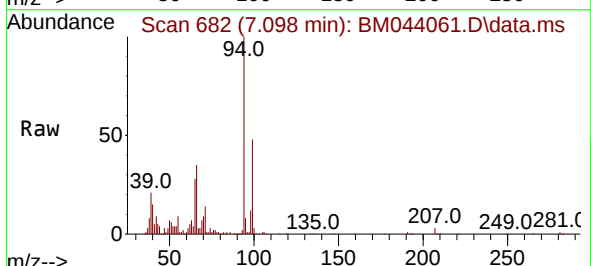
Manual Integrations
APPROVED

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



#10
Phenol
Concen: 6.241 ng
RT: 7.098 min Scan# 682
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

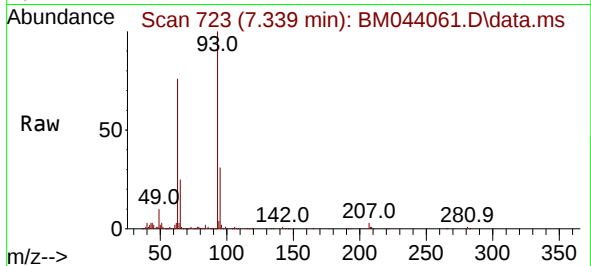
Tgt Ion: 94 Resp: 305875
Ion Ratio Lower Upper
94 100
65 27.6 6.4 46.4
66 35.2 13.2 53.2





#11
bis(2-Chloroethyl)ether
Concen: 6.219 ng
RT: 7.339 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

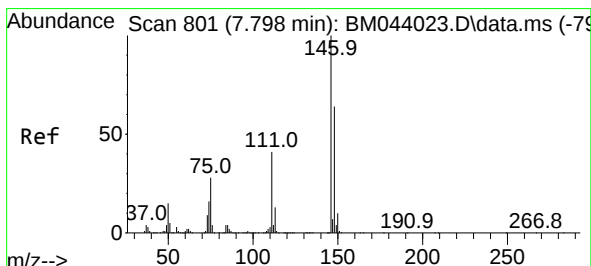
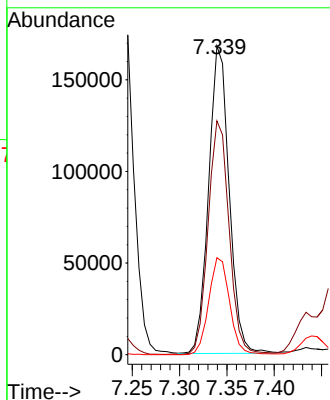
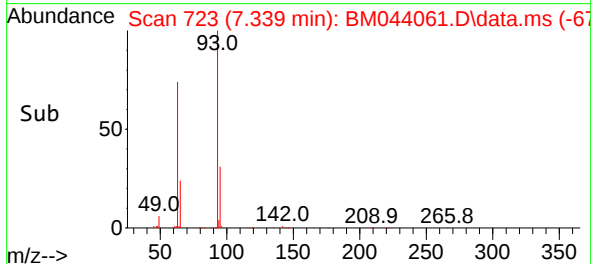
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion: 93 Resp: 252430
Ion Ratio Lower Upper
93 100
63 75.7 55.9 95.9
95 31.4 13.0 53.0

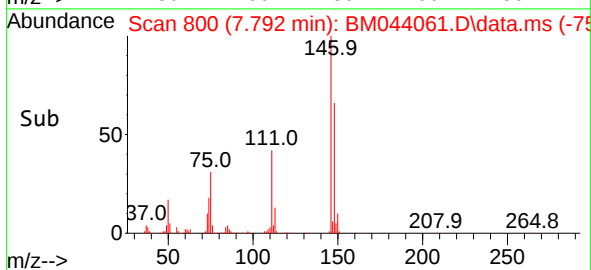
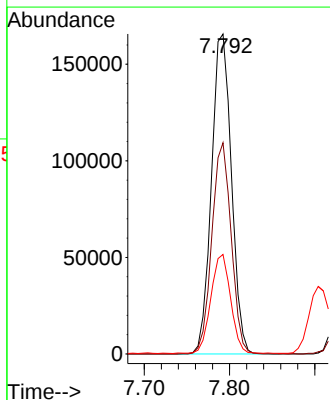
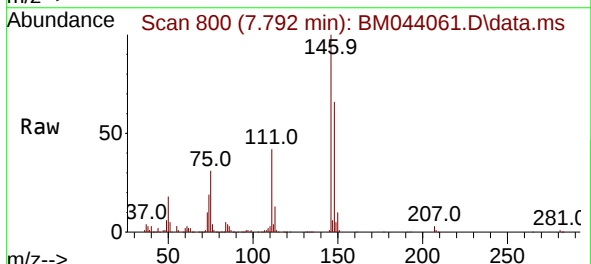
Manual Integrations
APPROVED

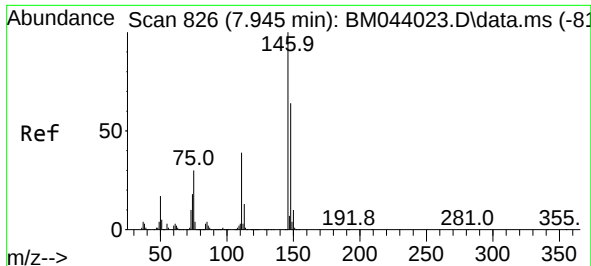
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#12
1,3-Dichlorobenzene
Concen: 5.944 ng
RT: 7.792 min Scan# 800
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

Tgt Ion:146 Resp: 268978
Ion Ratio Lower Upper
146 100
148 66.0 51.3 76.9
75 31.1 22.7 34.1





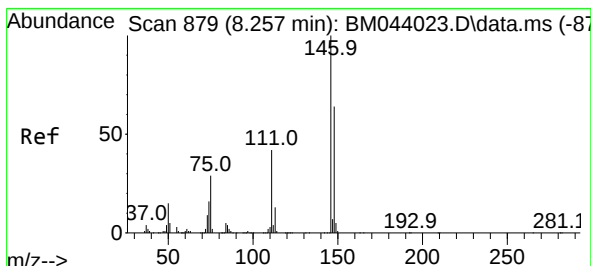
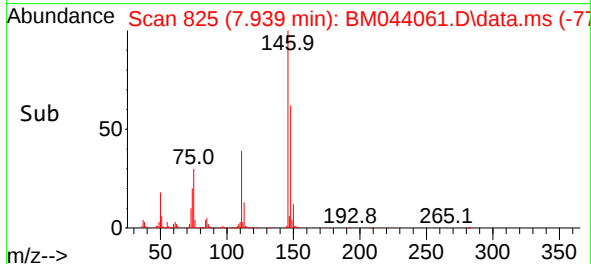
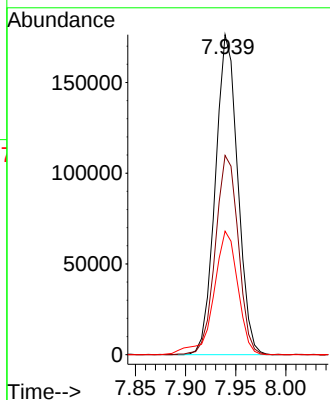
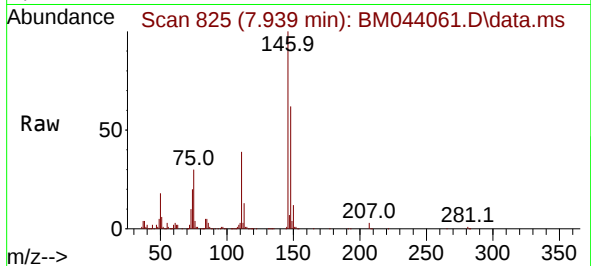
#13
1,4-Dichlorobenzene
Concen: 6.004 ng
RT: 7.939 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023

Tgt Ion:146 Resp: 27389
Ion Ratio Lower Upper
146 100
148 62.2 51.2 76.8
111 38.6 31.2 46.8

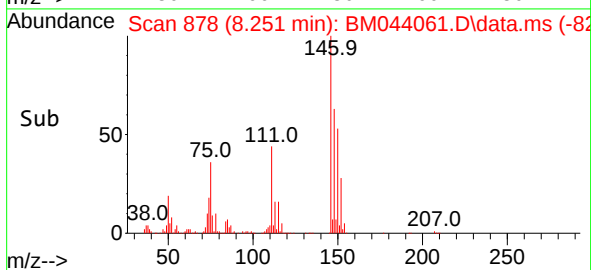
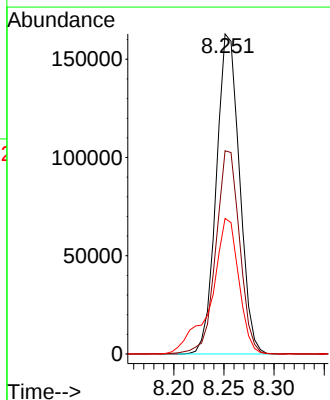
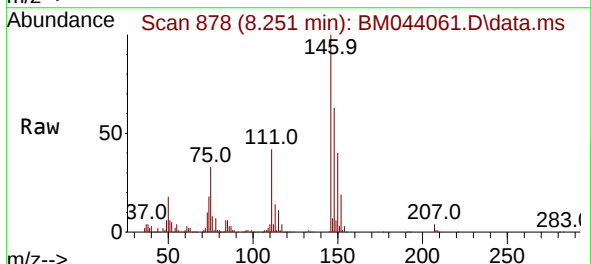
Manual Integrations
APPROVED

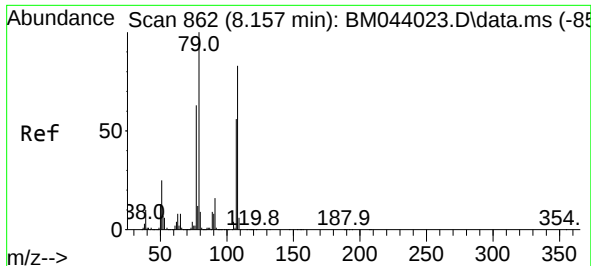
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#14
1,2-Dichlorobenzene
Concen: 6.015 ng
RT: 8.251 min Scan# 878
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

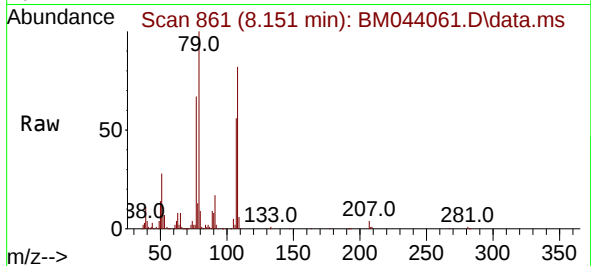
Tgt Ion:146 Resp: 261457
Ion Ratio Lower Upper
146 100
148 63.5 51.4 77.2
111 42.3 33.7 50.5





#15
Benzyl Alcohol
Concen: 6.445 ng
RT: 8.151 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

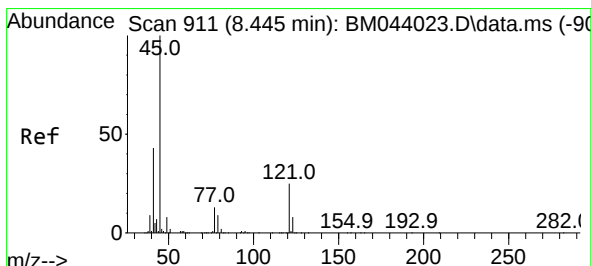
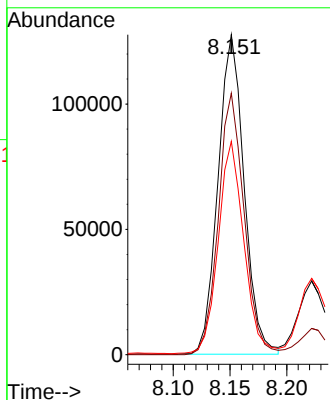
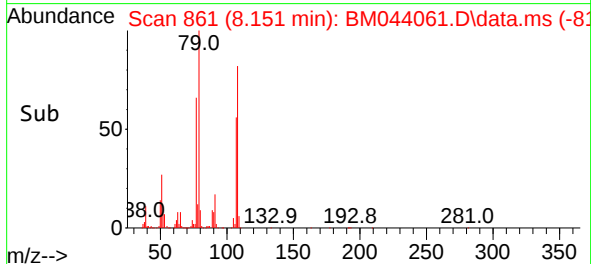
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023



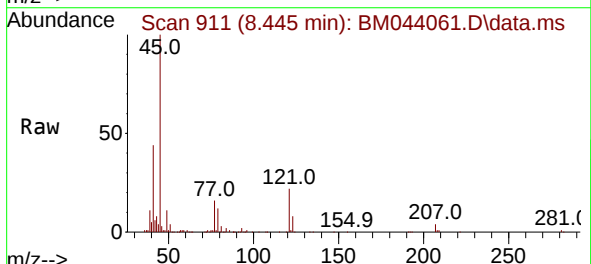
Tgt Ion: 79 Resp: 203782
Ion Ratio Lower Upper
79 100
108 81.7 66.0 99.0
77 66.7 50.4 75.6

Manual Integrations
APPROVED

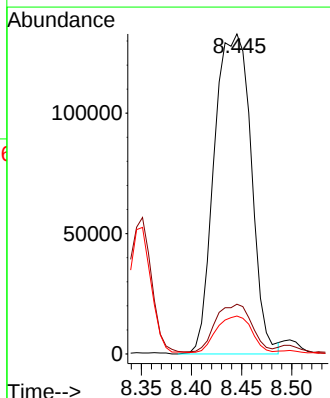
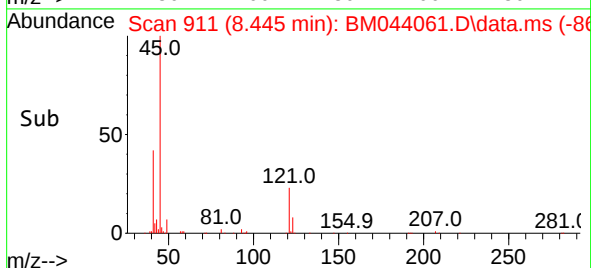
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024

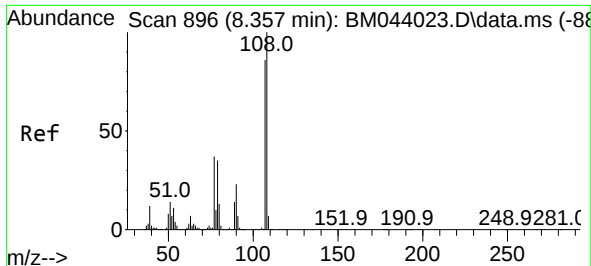


#16
2,2'-oxybis(1-Chloropropane)
Concen: 6.581 ng
RT: 8.445 min Scan# 911
Delta R.T. -0.000 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43



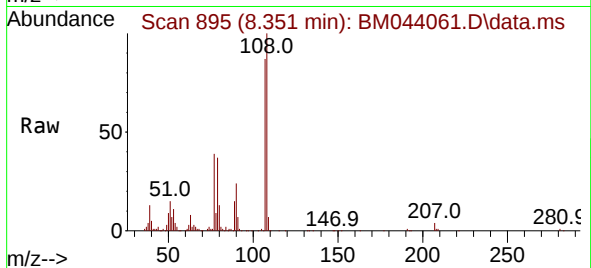
Tgt Ion: 45 Resp: 338626
Ion Ratio Lower Upper
45 100
77 15.5 0.0 35.1
79 11.9 0.0 31.5





#17
2-Methylphenol
Concen: 6.076 ng
RT: 8.351 min Scan# 896
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

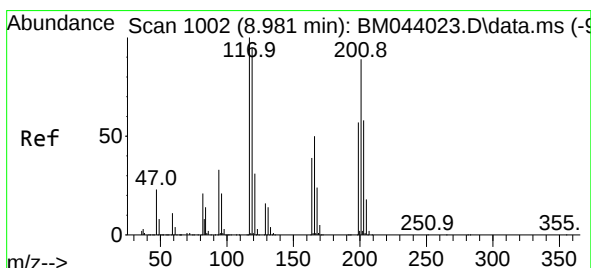
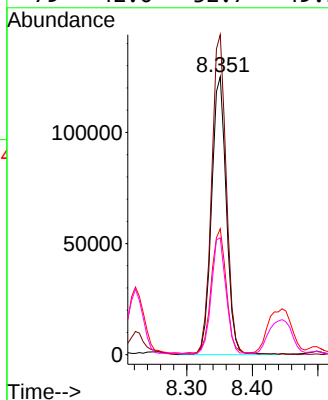
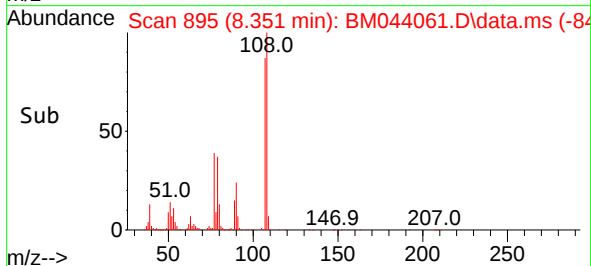
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion:107 Resp: 195486
Ion Ratio Lower Upper
107 100
108 115.1 93.4 140.2
77 45.3 34.7 52.1
79 42.0 32.7 49.1

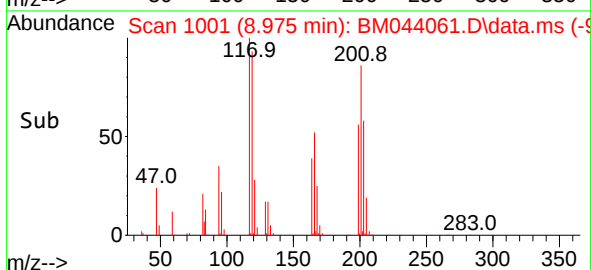
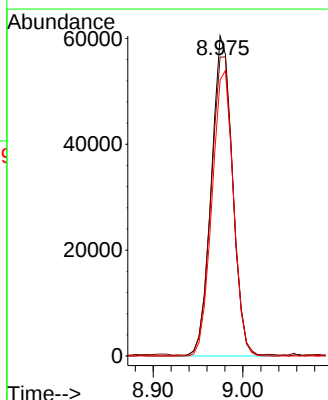
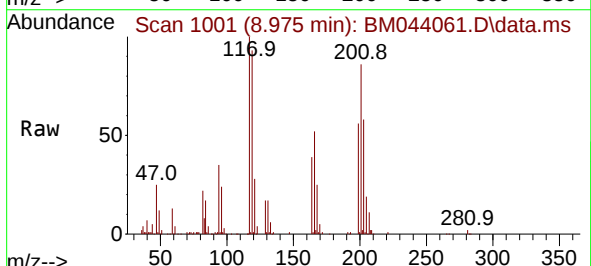
Manual Integrations
APPROVED

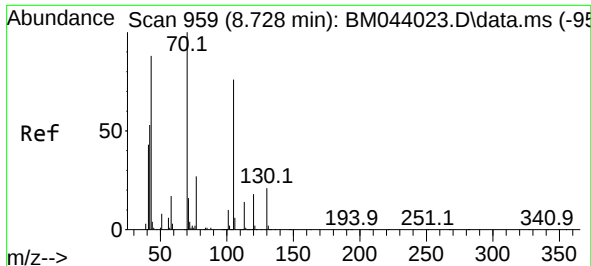
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#18
Hexachloroethane
Concen: 5.787 ng
RT: 8.975 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

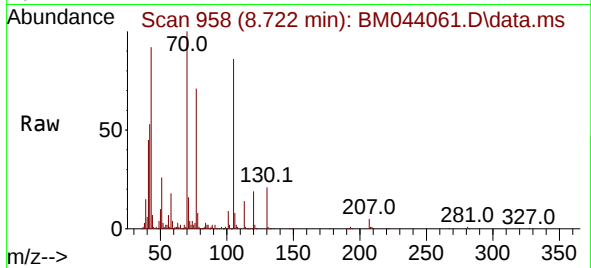
Tgt Ion:117 Resp: 98844
Ion Ratio Lower Upper
117 100
119 93.4 75.7 113.5
201 86.2 71.5 107.3





#19
n-Nitroso-di-n-propylamine
Concen: 6.567 ng
RT: 8.722 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

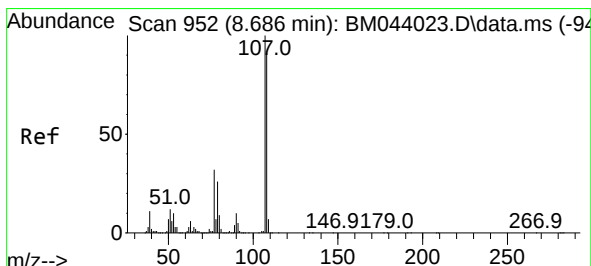
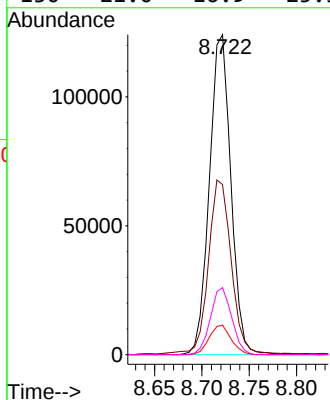
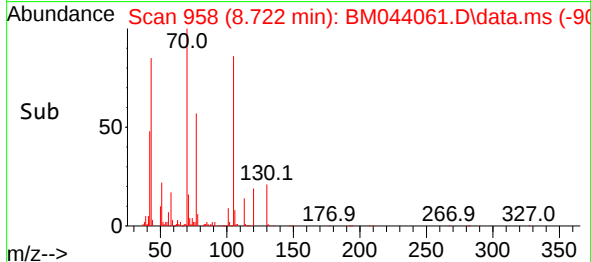
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023



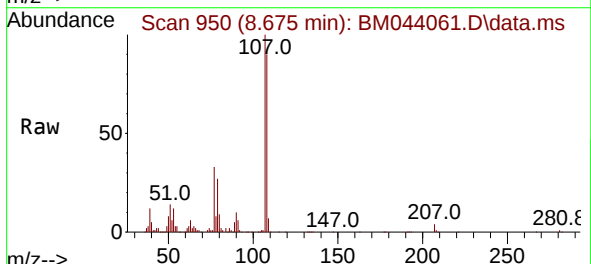
Tgt Ion: 70 Resp: 195830
Ion Ratio Lower Upper
70 100
42 53.1 42.6 64.0
101 9.2 7.8 11.6
130 21.0 16.9 25.3

Manual Integrations
APPROVED

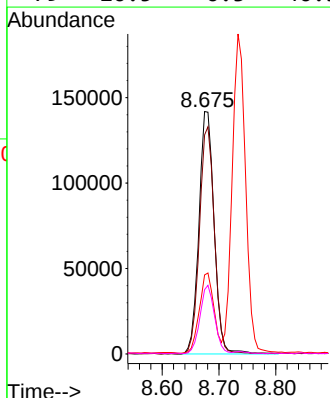
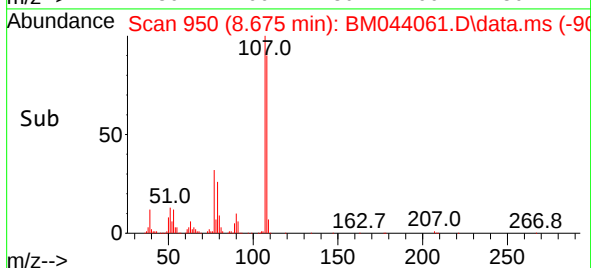
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024

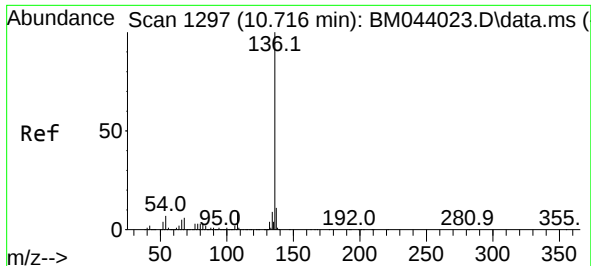


#20
3+4-Methylphenols
Concen: 5.966 ng
RT: 8.675 min Scan# 950
Delta R.T. -0.012 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43



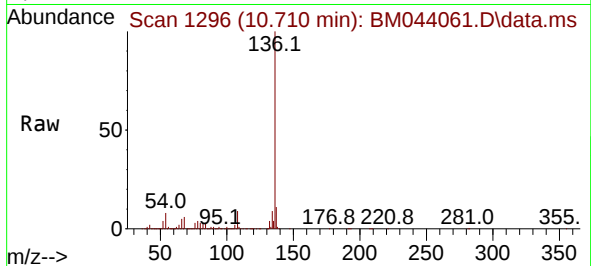
Tgt Ion:107 Resp: 264184
Ion Ratio Lower Upper
107 100
108 90.4 71.5 111.5
77 32.6 11.8 51.8
79 26.5 6.3 46.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

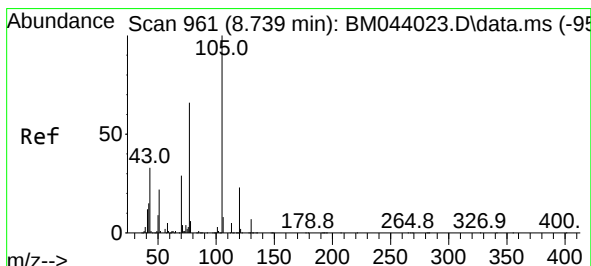
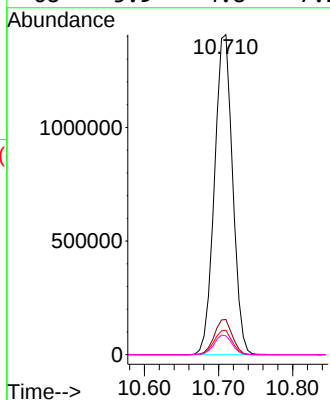
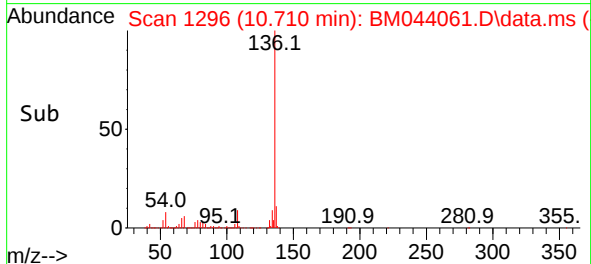
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion:136 Resp: 239355
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.7 5.9 8.9
68 5.9 4.8 7.2

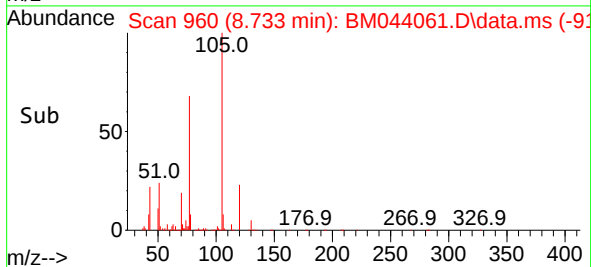
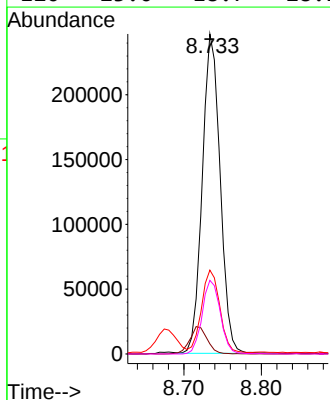
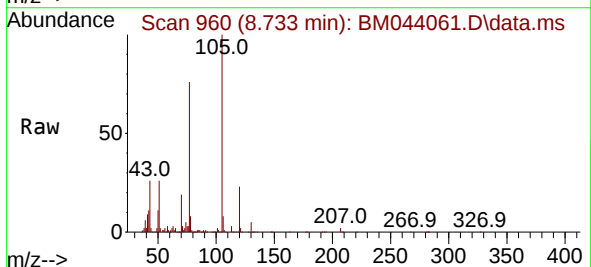
Manual Integrations
APPROVED

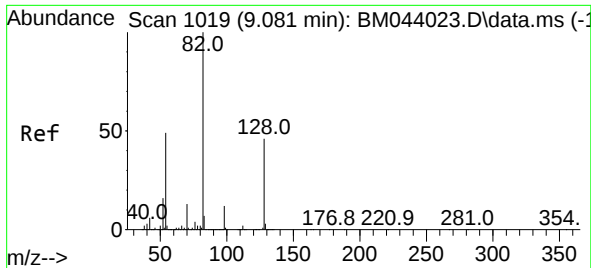
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#22
Acetophenone
Concen: 6.483 ng
RT: 8.733 min Scan# 960
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

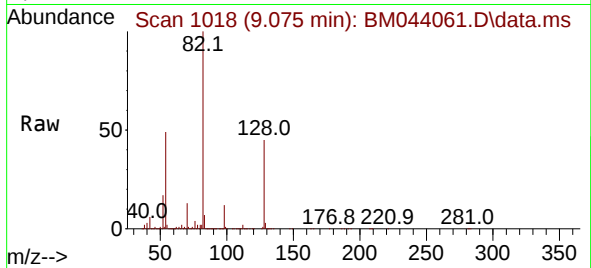
Tgt Ion:105 Resp: 393901
Ion Ratio Lower Upper
105 100
71 3.2 4.0 6.0#
51 26.2 20.1 30.1
120 23.0 18.7 28.1





#23
Nitrobenzene-d5
Concen: 61.893 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

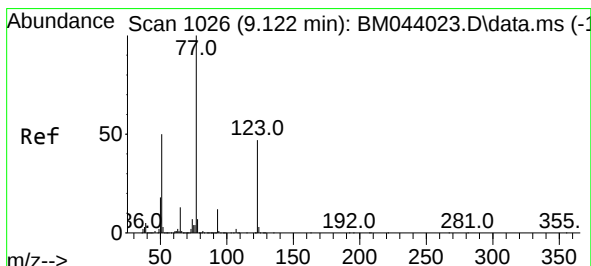
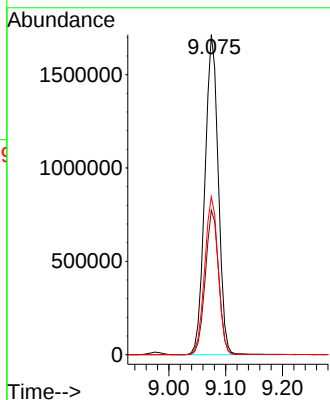
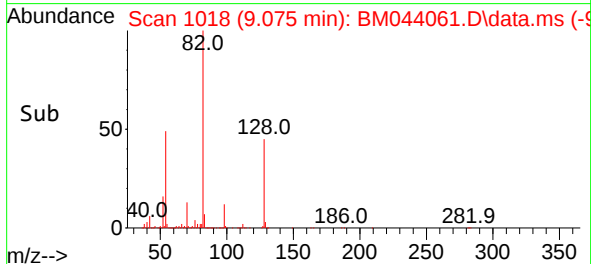
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion: 82 Resp: 279182
Ion Ratio Lower Upper
82 100
128 45.1 37.1 55.7
54 49.4 38.9 58.3

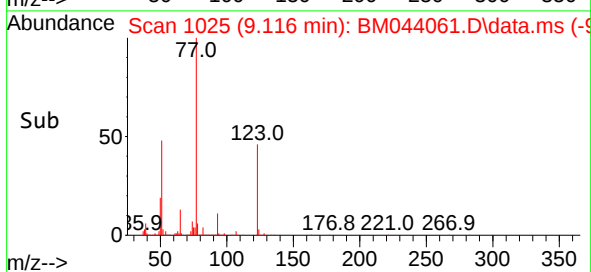
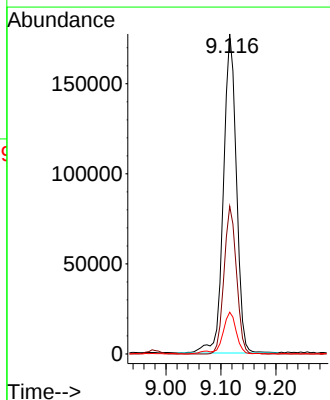
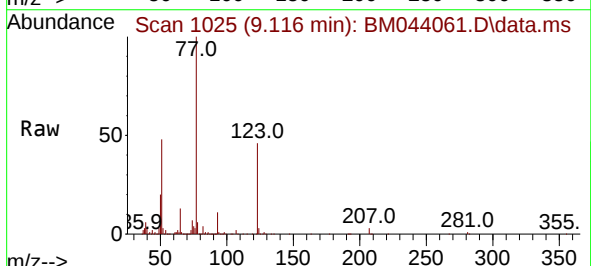
Manual Integrations
APPROVED

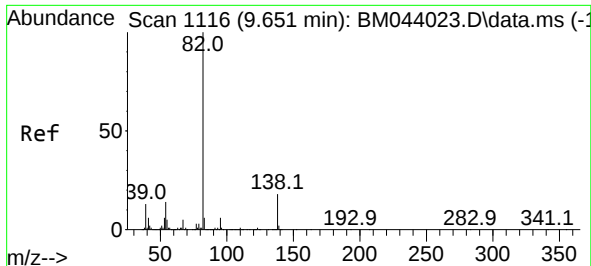
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#24
Nitrobenzene
Concen: 6.303 ng
RT: 9.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

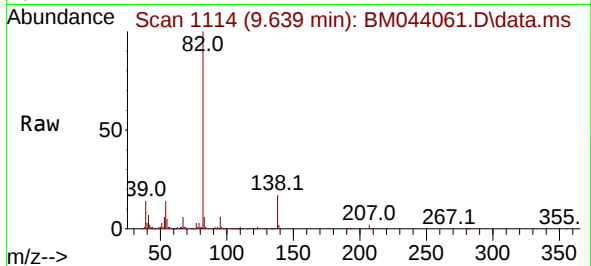
Tgt Ion: 77 Resp: 291128
Ion Ratio Lower Upper
77 100
123 46.2 37.8 56.8
65 13.0 10.5 15.7





#25
Isophorone
Concen: 6.085 ng
RT: 9.639 min Scan# 1114
Delta R.T. -0.012 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

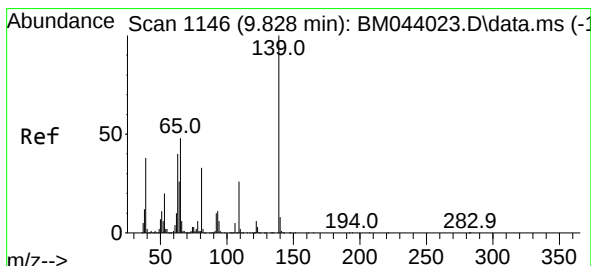
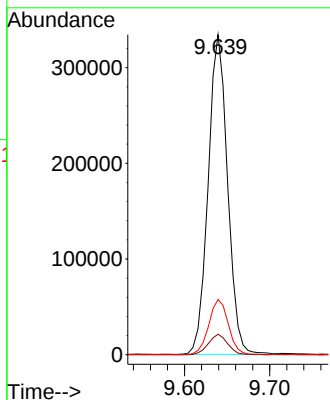
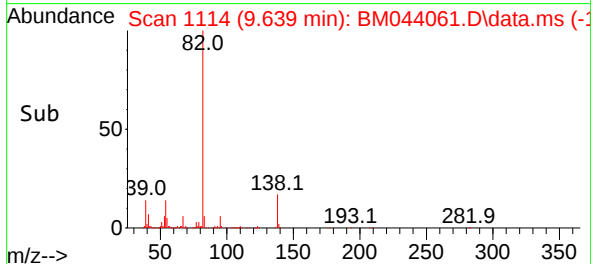
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT4-2023



Tgt Ion: 82 Resp: 528540
Ion Ratio Lower Upper
82 100
95 6.4 5.2 7.8
138 17.3 14.3 21.5

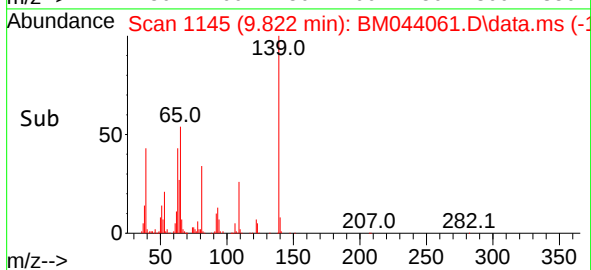
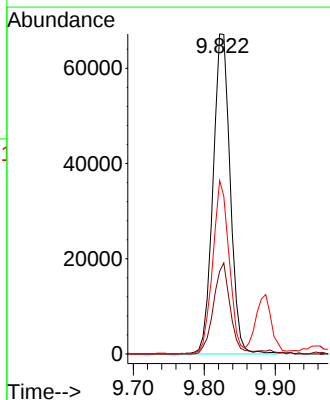
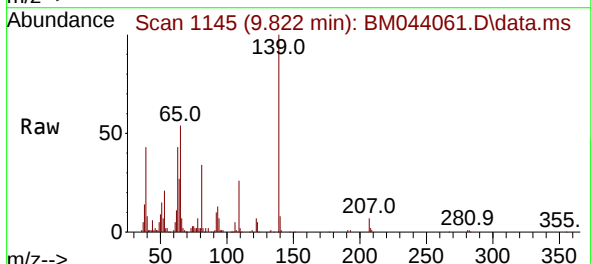
Manual Integrations
APPROVED

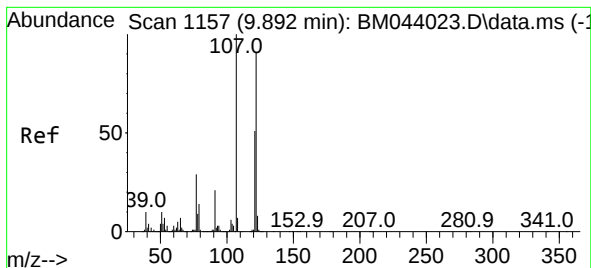
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#26
2-Nitrophenol
Concen: 5.266 ng
RT: 9.822 min Scan# 1145
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

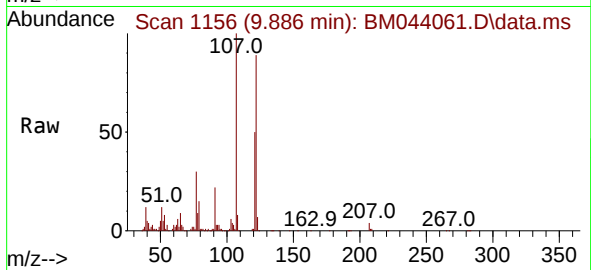
Tgt Ion:139 Resp: 112770
Ion Ratio Lower Upper
139 100
109 25.8 21.2 31.8
65 54.2 38.5 57.7





#27
2,4-Dimethylphenol
Concen: 6.865 ng
RT: 9.886 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

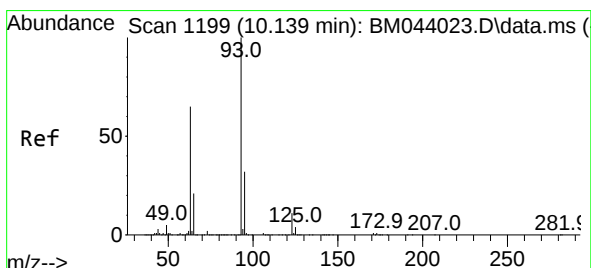
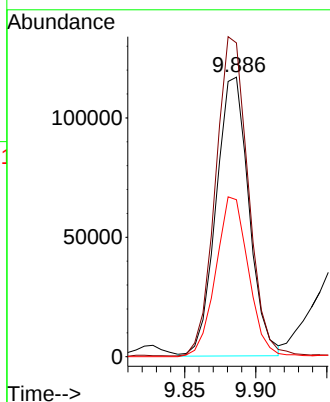
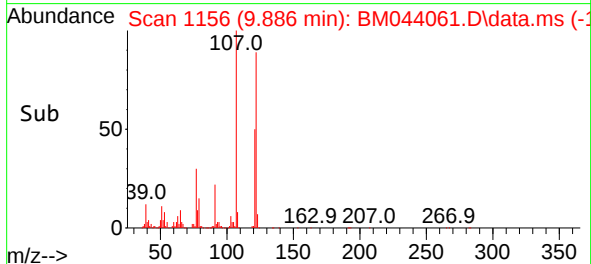
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion:122 Resp: 187970
Ion Ratio Lower Upper
122 100
107 112.3 87.8 131.8
121 56.2 44.7 67.1

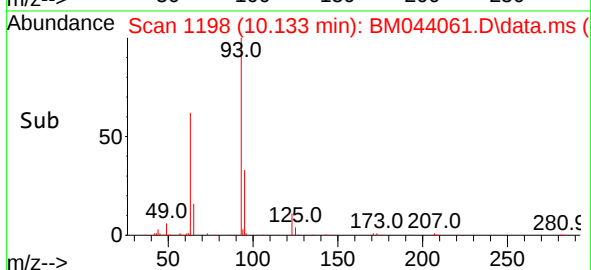
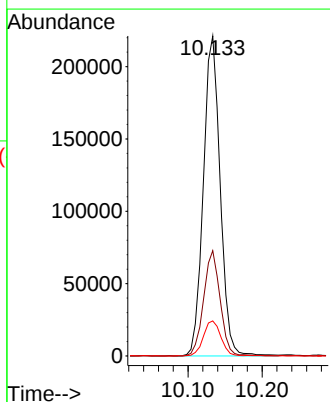
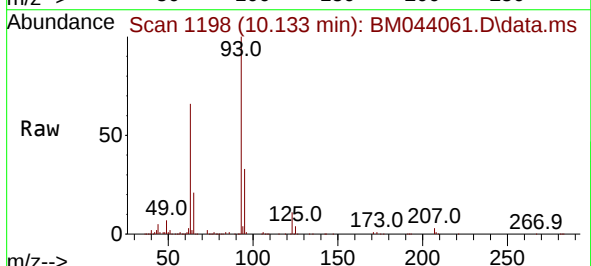
Manual Integrations
APPROVED

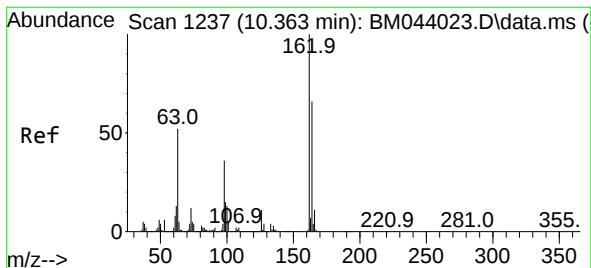
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#28
bis(2-Chloroethoxy)methane
Concen: 6.228 ng
RT: 10.133 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

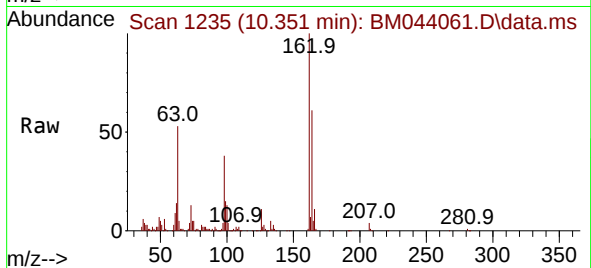
Tgt Ion: 93 Resp: 349857
Ion Ratio Lower Upper
93 100
95 32.9 26.0 39.0
123 10.9 9.2 13.8





#29
2,4-Dichlorophenol
Concen: 5.807 ng
RT: 10.351 min Scan# 1235
Delta R.T. -0.012 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

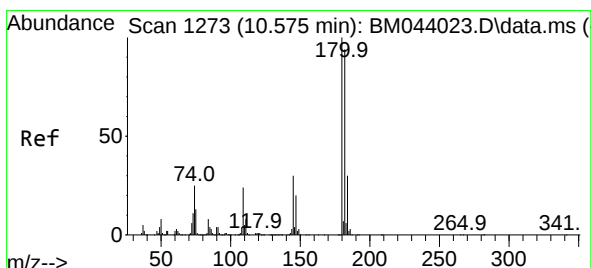
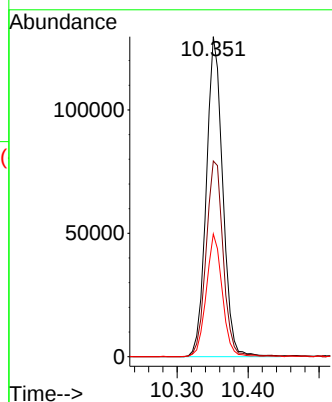
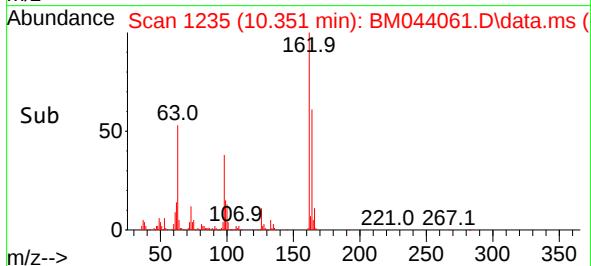
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023



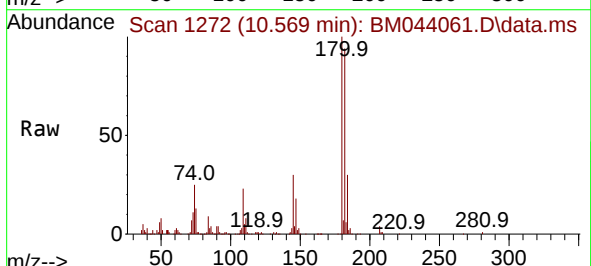
Tgt Ion:162 Resp: 20935
Ion Ratio Lower Upper
162 100
164 61.1 46.1 86.1
98 38.3 15.9 55.9

Manual Integrations
APPROVED

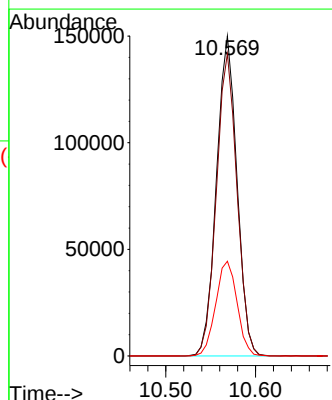
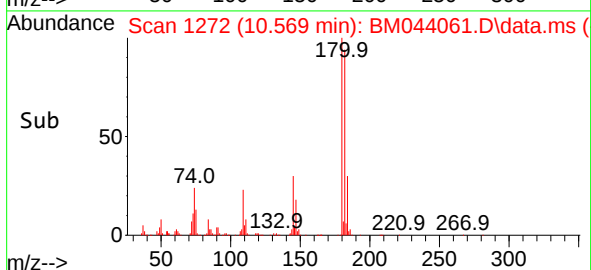
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024

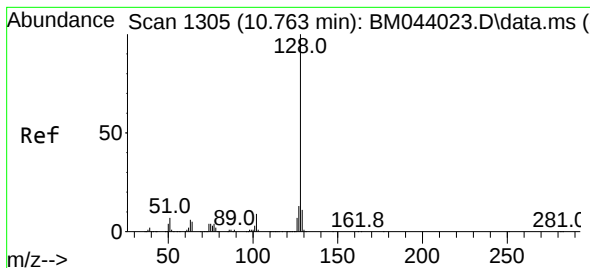


#30
1,2,4-Trichlorobenzene
Concen: 5.870 ng
RT: 10.569 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43



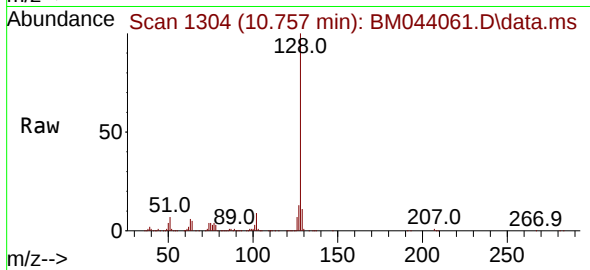
Tgt Ion:180 Resp: 237978
Ion Ratio Lower Upper
180 100
182 94.5 75.2 112.8
145 29.6 24.3 36.5





#31
Naphthalene
Concen: 6.080 ng
RT: 10.757 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

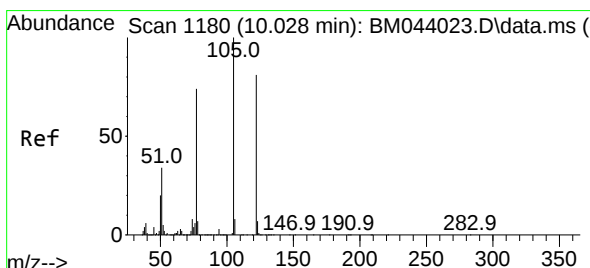
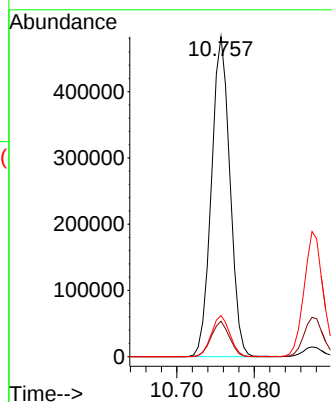
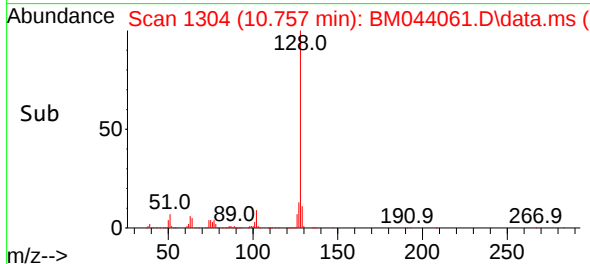
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion:128 Resp: 80325
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 12.8 10.3 15.5

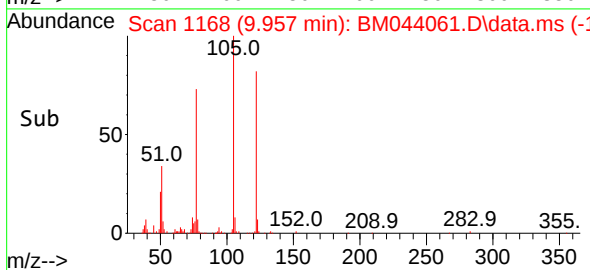
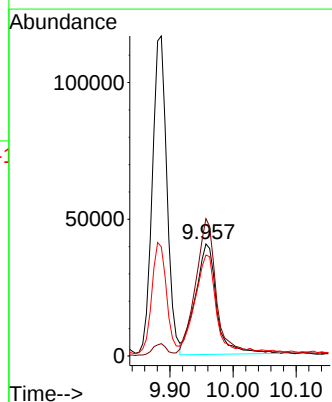
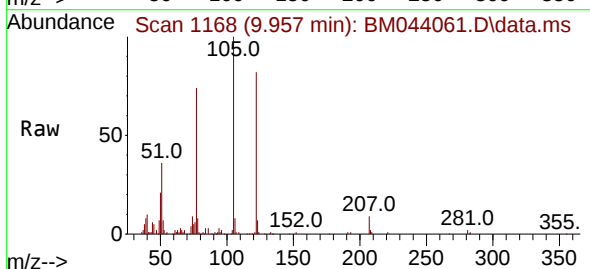
Manual Integrations
APPROVED

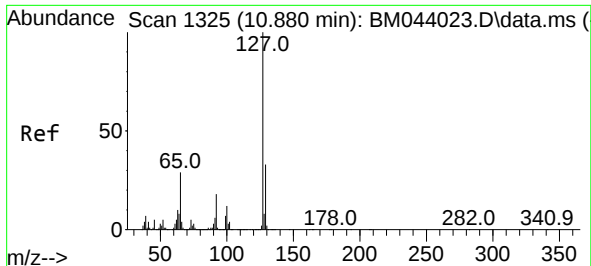
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#32
Benzoic acid
Concen: 3.453 ng
RT: 9.957 min Scan# 1168
Delta R.T. -0.071 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

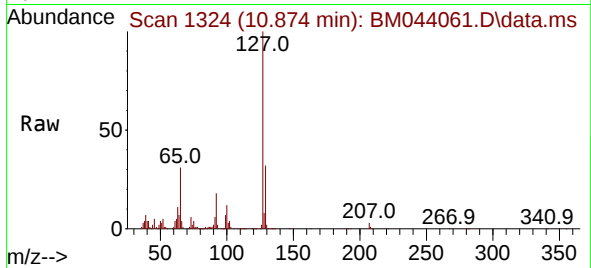
Tgt Ion:122 Resp: 95241
Ion Ratio Lower Upper
122 100
105 122.7 100.1 140.1
77 90.2 69.6 109.6





#33
4-Chloroaniline
Concen: 6.485 ng
RT: 10.874 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

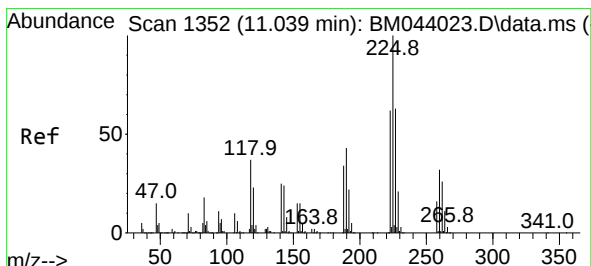
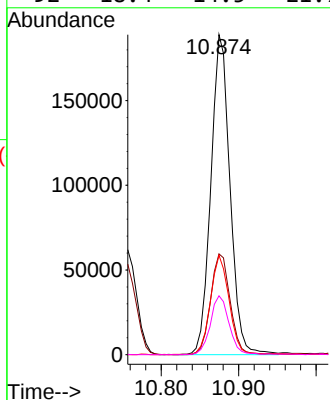
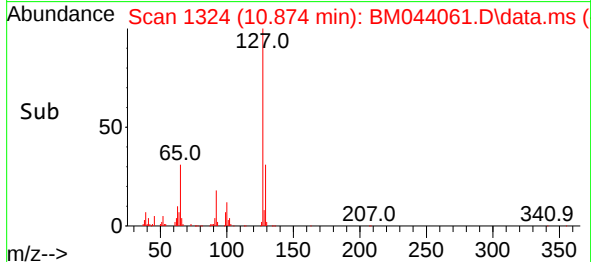
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion:127 Resp: 32440
Ion Ratio Lower Upper
127 100
129 31.5 26.0 39.0
65 31.1 23.0 34.6
92 18.4 14.5 21.7

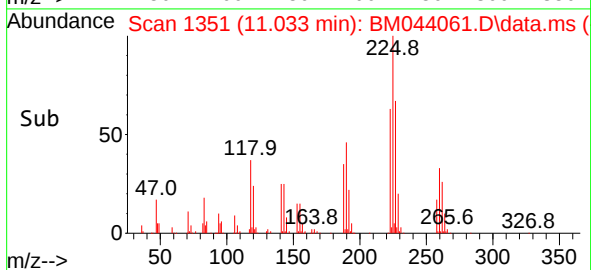
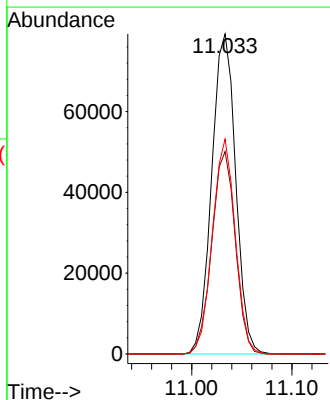
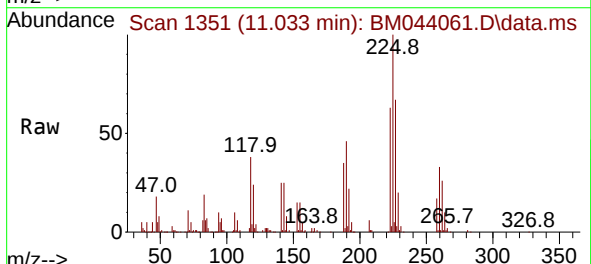
Manual Integrations
APPROVED

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



#34
Hexachlorobutadiene
Concen: 5.665 ng
RT: 11.033 min Scan# 1351
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

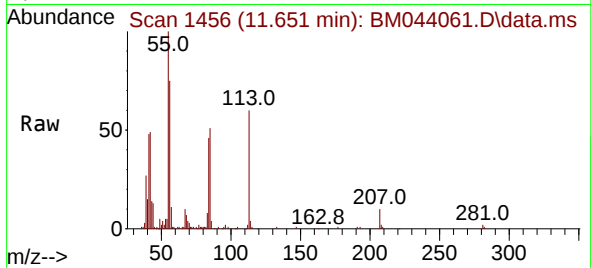
Tgt Ion:225 Resp: 131461
Ion Ratio Lower Upper
225 100
223 63.3 49.9 74.9
227 69.7 50.6 76.0





#35
Caprolactam
Concen: 5.515 ng
RT: 11.651 min Scan# 1460
Delta R.T. -0.024 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

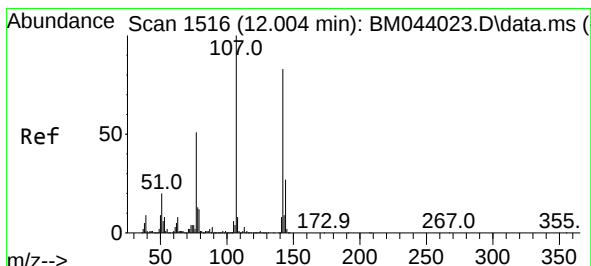
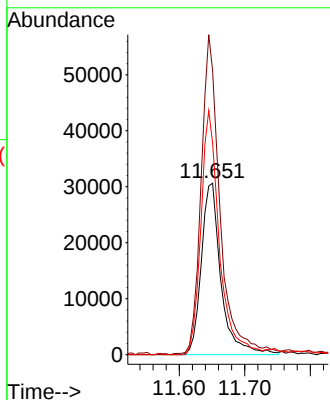
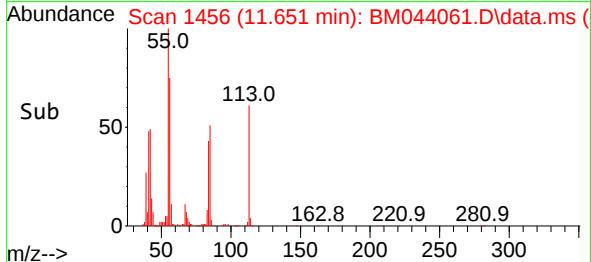
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023



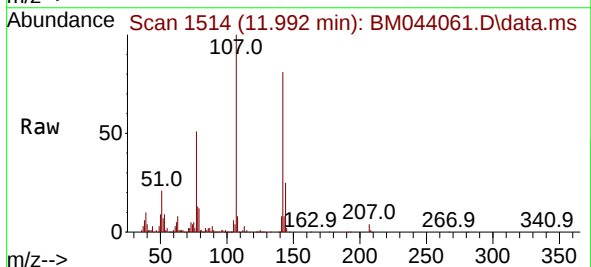
Tgt Ion:113 Resp: 6398
Ion Ratio Lower Upper
113 100
55 165.7 145.6 185.6
56 123.5 103.3 143.3

Manual Integrations
APPROVED

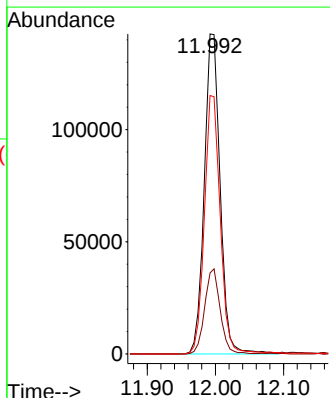
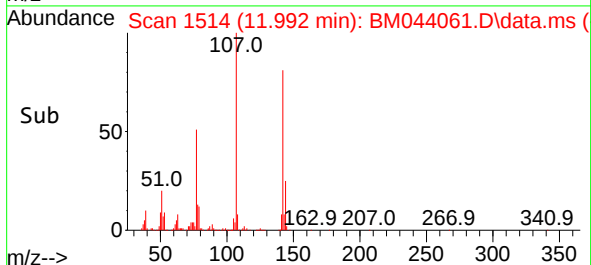
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024

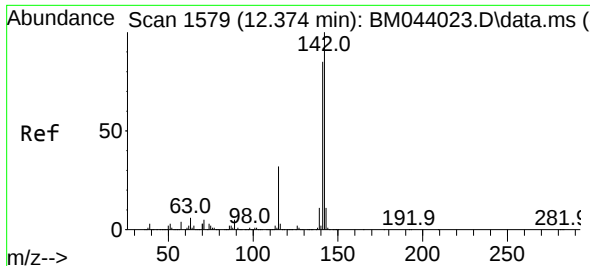


#36
4-Chloro-3-methylphenol
Concen: 5.928 ng
RT: 11.992 min Scan# 1514
Delta R.T. -0.012 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43



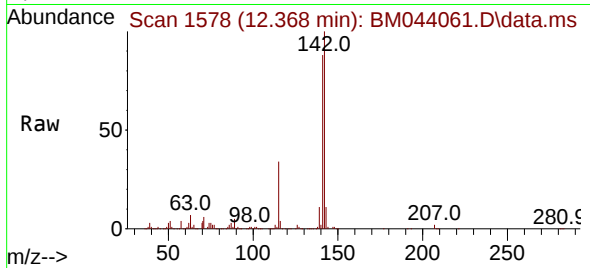
Tgt Ion:107 Resp: 231416
Ion Ratio Lower Upper
107 100
144 25.3 21.3 31.9
142 80.7 66.2 99.4





#37
2-Methylnaphthalene
Concen: 6.089 ng
RT: 12.368 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

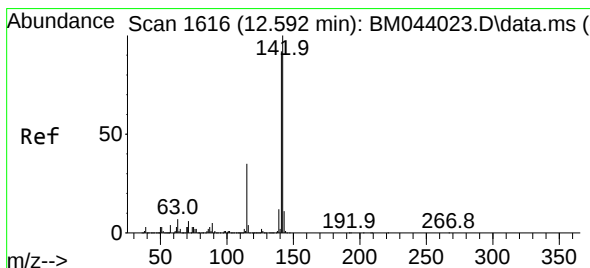
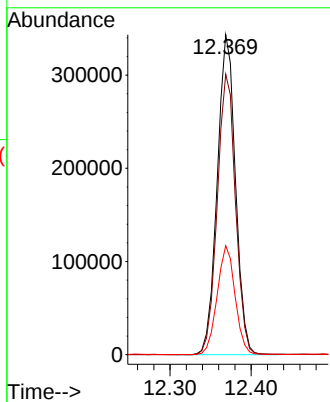
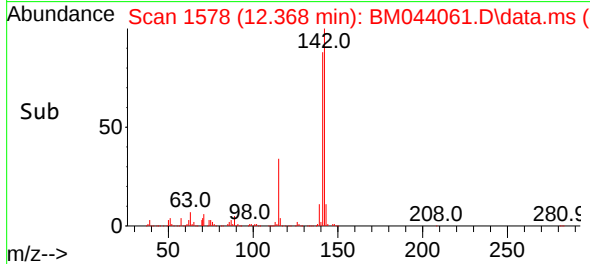
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023



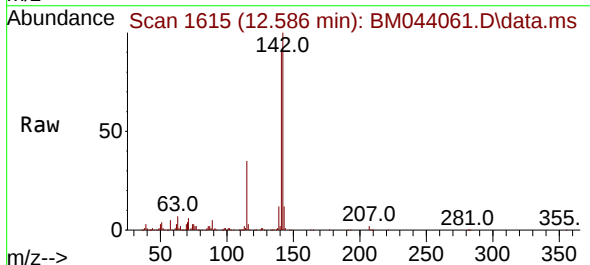
Tgt Ion:142 Resp: 53583
Ion Ratio Lower Upper
142 100
141 87.6 68.3 102.5
115 34.1 25.7 38.5

Manual Integrations
APPROVED

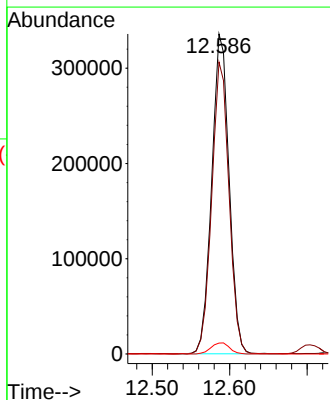
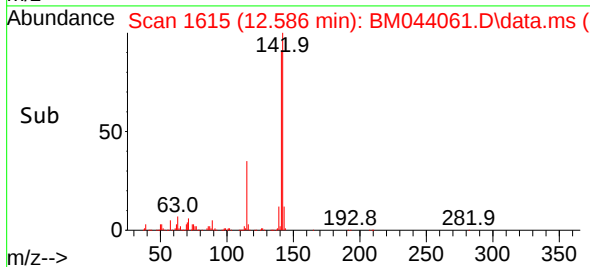
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024

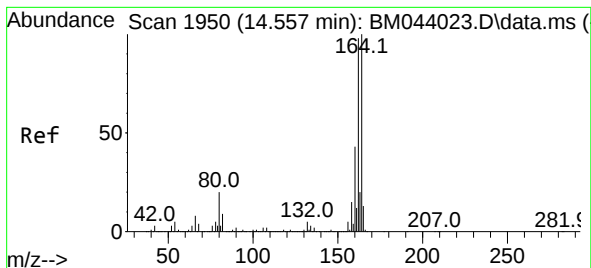


#38
1-Methylnaphthalene
Concen: 6.034 ng
RT: 12.586 min Scan# 1615
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43



Tgt Ion:142 Resp: 521730
Ion Ratio Lower Upper
142 100
141 91.2 73.4 110.0
116 3.4 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.551 min Scan# 1950

Delta R.T. -0.006 min

Lab File: BM044061.D

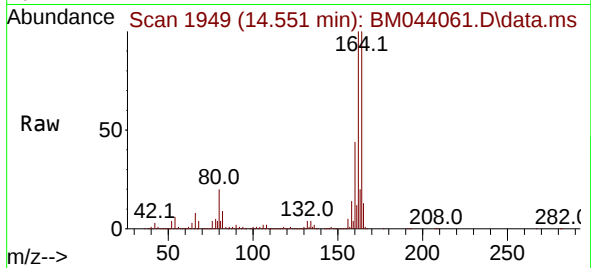
Acq: 12 Feb 2024 17:43

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2023



Tgt Ion:164 Resp: 1438998

Ion Ratio Lower Upper

164 100

162 100.4 78.4 117.6

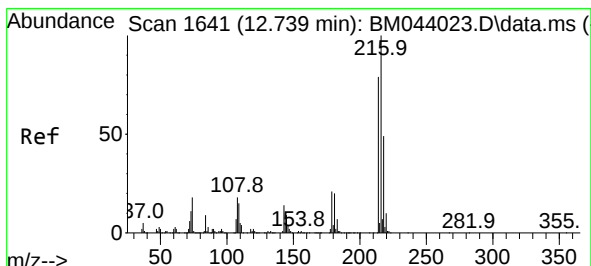
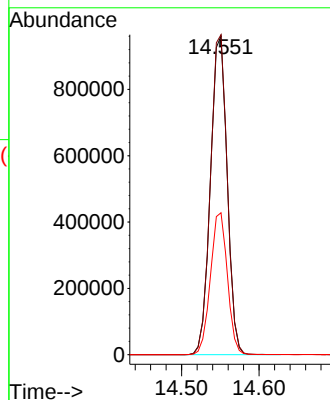
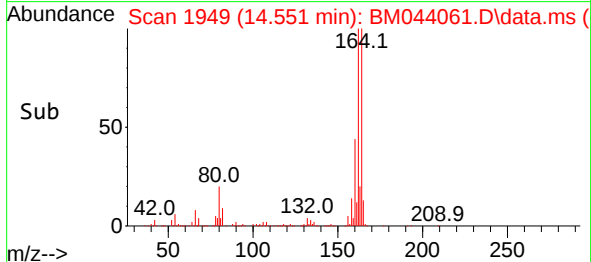
160 44.6 34.6 51.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/14/2024

Supervised By :mohammad ahmed 02/14/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 6.055 ng

RT: 12.733 min Scan# 1640

Delta R.T. -0.006 min

Lab File: BM044061.D

Acq: 12 Feb 2024 17:43

Tgt Ion:216 Resp: 253266

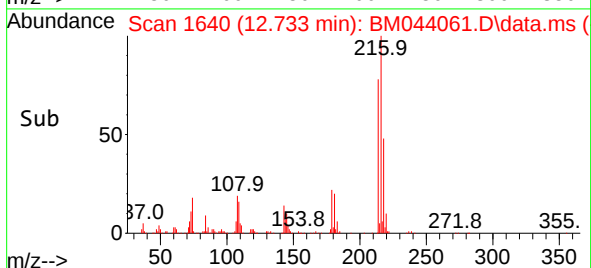
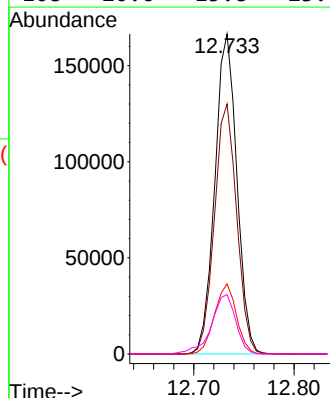
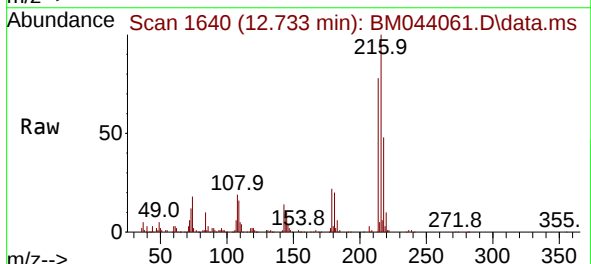
Ion Ratio Lower Upper

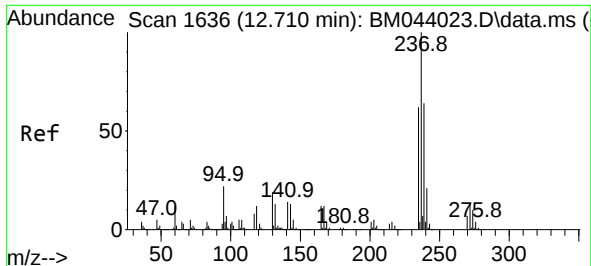
216 100

214 79.0 63.1 94.7

179 21.8 17.0 25.6

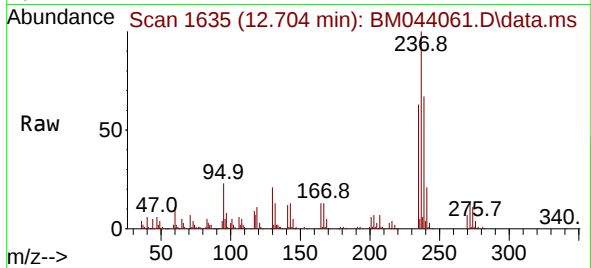
108 20.6 15.8 23.8





#41
Hexachlorocyclopentadiene
Concen: 6.537 ng
RT: 12.704 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

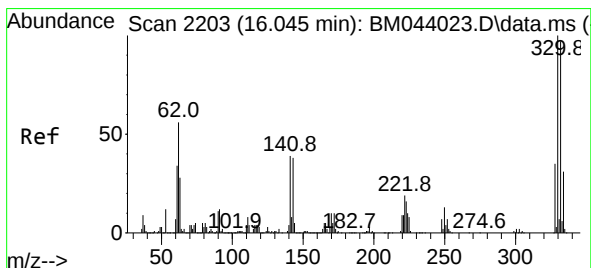
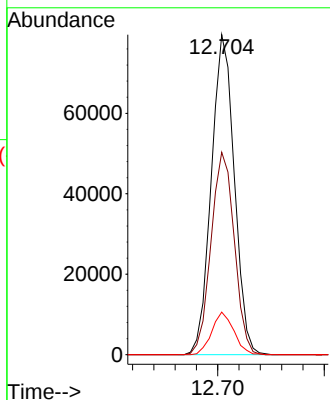
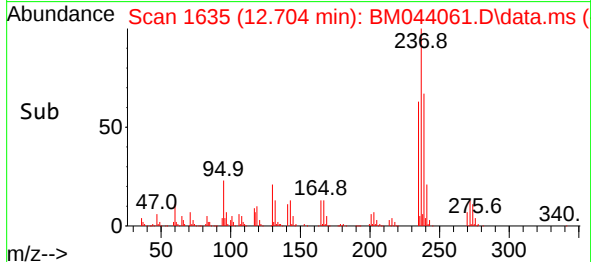
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion:237 Resp: 119330
Ion Ratio Lower Upper
237 100
235 63.2 42.4 82.4
272 13.3 0.0 33.3

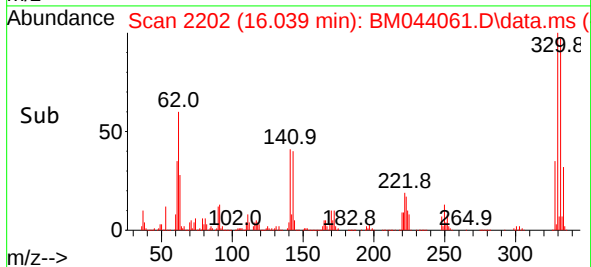
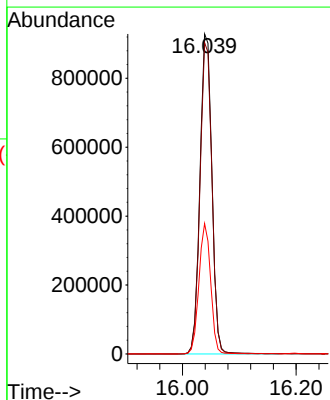
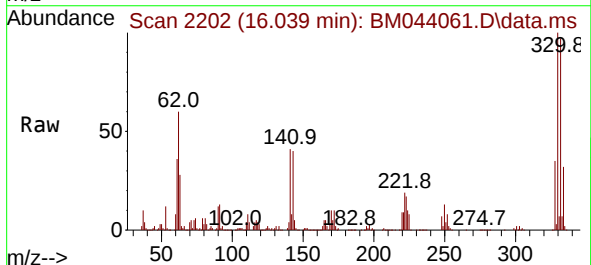
Manual Integrations
APPROVED

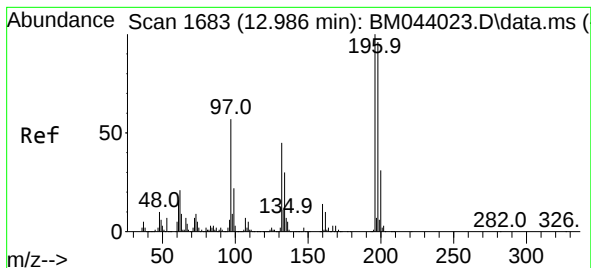
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#42
2,4,6-Tribromophenol
Concen: 87.006 ng
RT: 16.039 min Scan# 2202
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

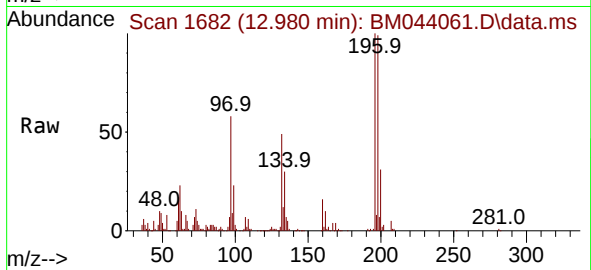
Tgt Ion:330 Resp: 1355589
Ion Ratio Lower Upper
330 100
332 97.2 77.7 116.5
141 40.1 31.0 46.4





#43
2,4,6-Trichlorophenol
Concen: 5.378 ng
RT: 12.980 min Scan# 1682
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

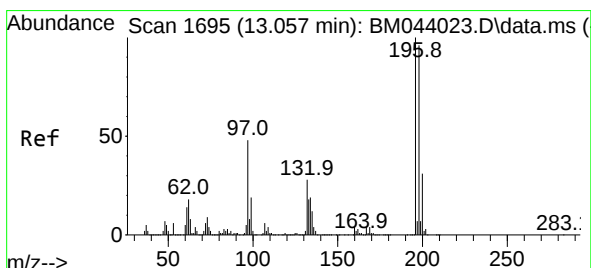
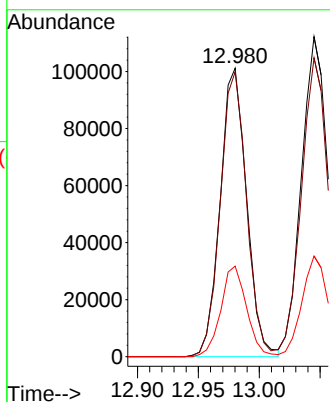
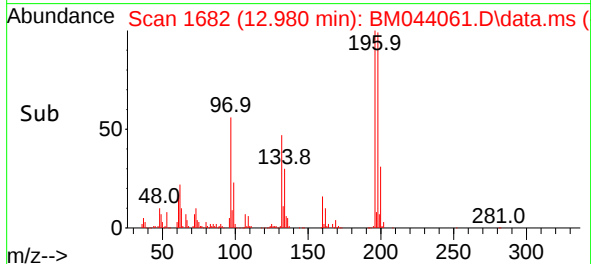
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023



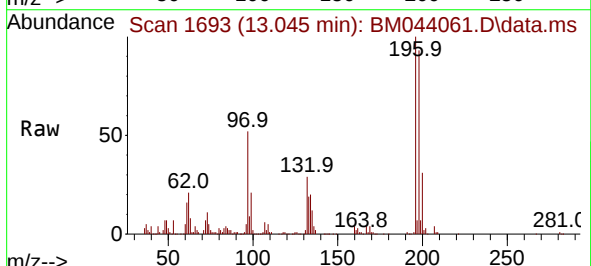
Tgt Ion:196 Resp: 15309
Ion Ratio Lower Upper
196 100
198 98.7 76.8 115.2
200 31.4 24.6 37.0

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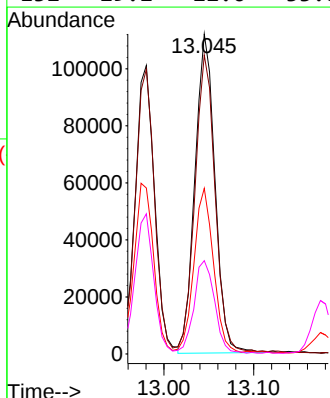
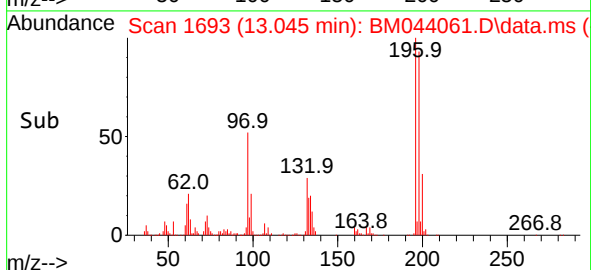
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024

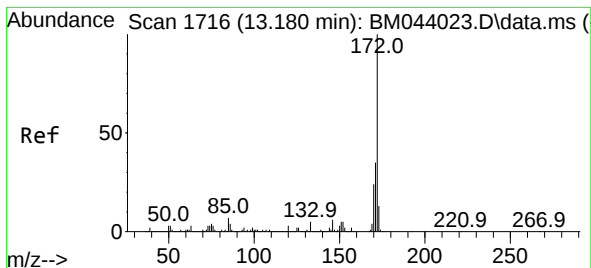


#44
2,4,5-Trichlorophenol
Concen: 5.558 ng
RT: 13.045 min Scan# 1693
Delta R.T. -0.012 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43



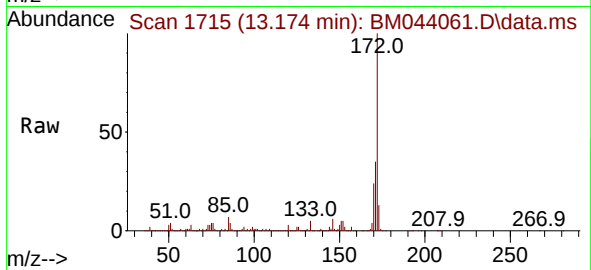
Tgt Ion:196 Resp: 173616
Ion Ratio Lower Upper
196 100
198 93.4 76.9 115.3
97 51.8 39.0 58.4
132 29.2 22.6 33.8





#45
2-Fluorobiphenyl
Concen: 59.873 ng
RT: 13.174 min Scan# 1716
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

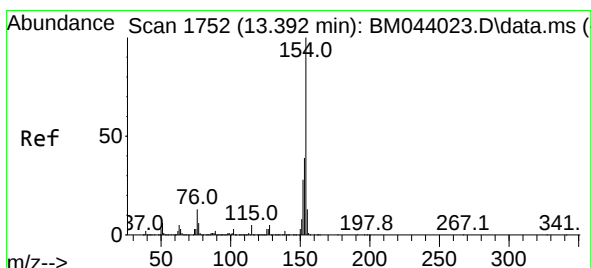
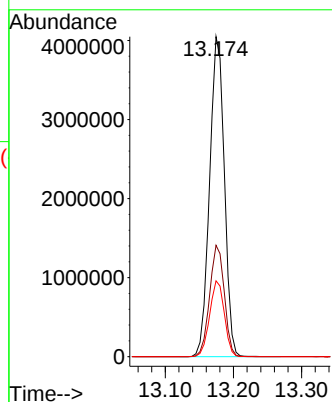
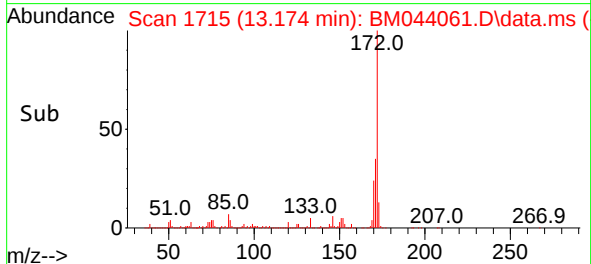
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023



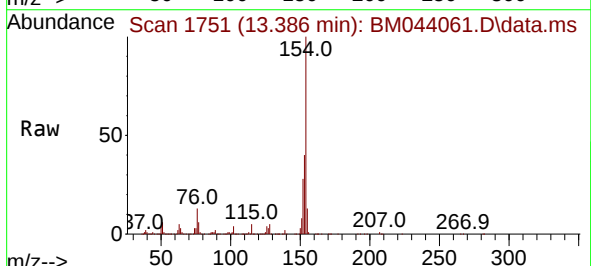
Tgt Ion:172 Resp: 610466
Ion Ratio Lower Upper
172 100
171 34.8 27.9 41.9
170 23.7 19.0 28.4

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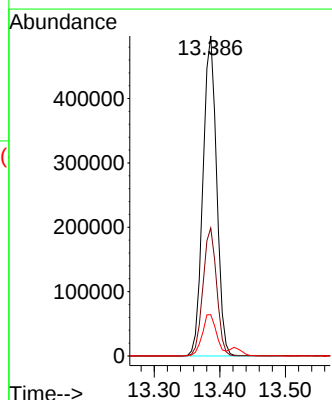
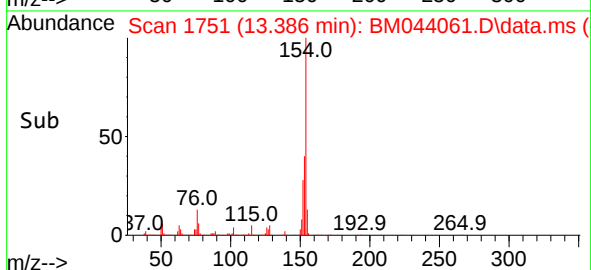
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024

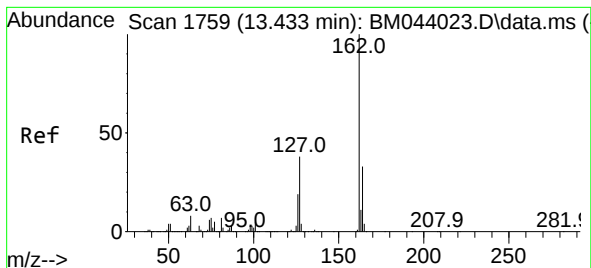


#46
1,1'-Biphenyl
Concen: 6.381 ng
RT: 13.386 min Scan# 1751
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43



Tgt Ion:154 Resp: 724541
Ion Ratio Lower Upper
154 100
153 40.0 19.4 59.4
76 12.9 0.0 32.9





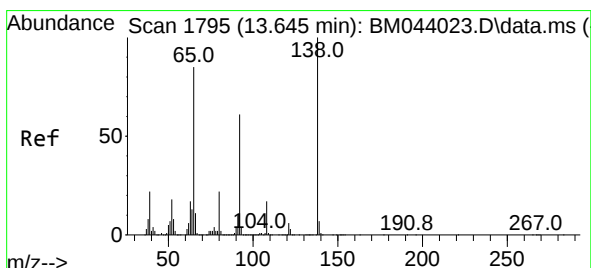
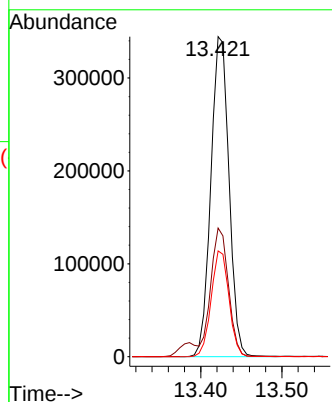
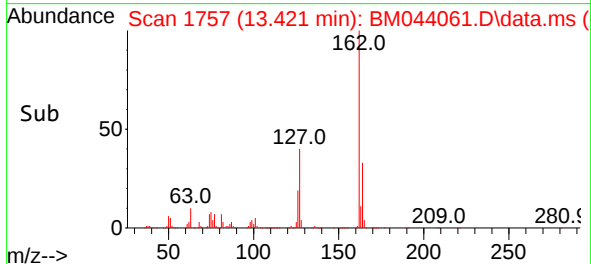
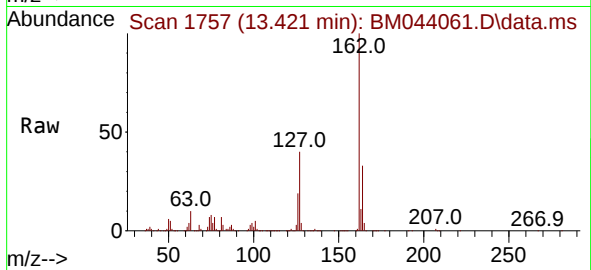
#47
2-Chloronaphthalene
Concen: 5.953 ng
RT: 13.421 min Scan# 1757
Delta R.T. -0.012 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT4-2023

Tgt Ion:162 Resp: 53541
Ion Ratio Lower Upper
162 100
127 40.2 30.9 46.3
164 33.0 26.4 39.6

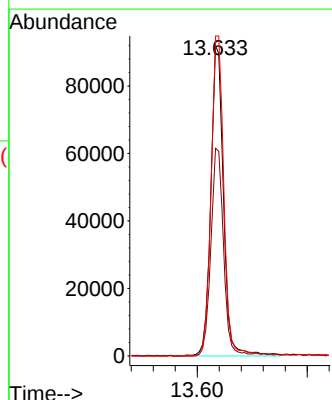
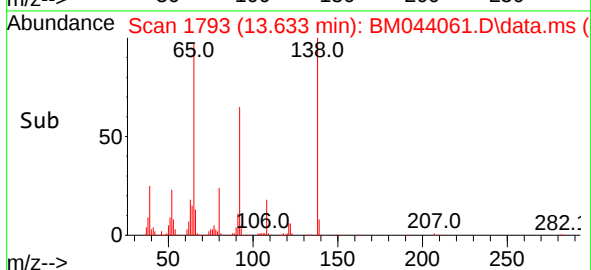
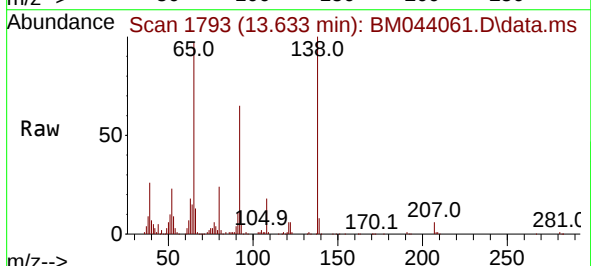
Manual Integrations
APPROVED

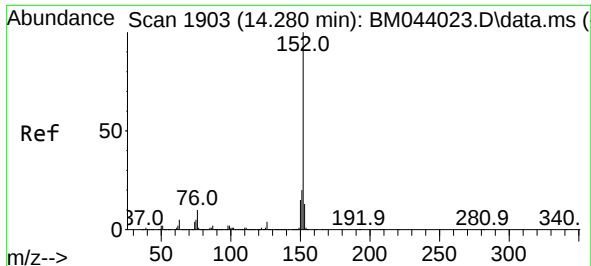
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#48
2-Nitroaniline
Concen: 5.818 ng
RT: 13.633 min Scan# 1793
Delta R.T. -0.012 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

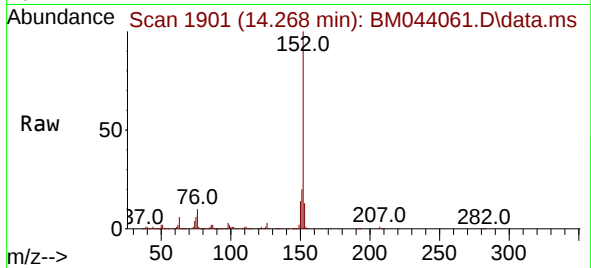
Tgt Ion: 65 Resp: 147213
Ion Ratio Lower Upper
65 100
92 66.9 58.1 87.1
138 103.1 94.6 142.0





#49
Acenaphthylene
Concen: 6.616 ng
RT: 14.268 min Scan# 1901
Delta R.T. -0.012 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

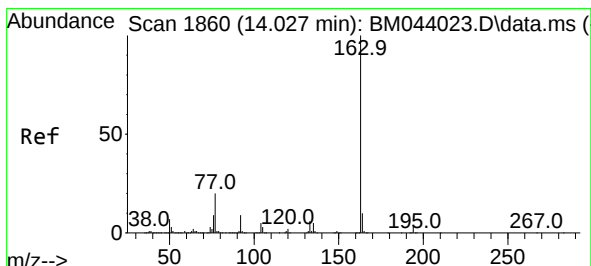
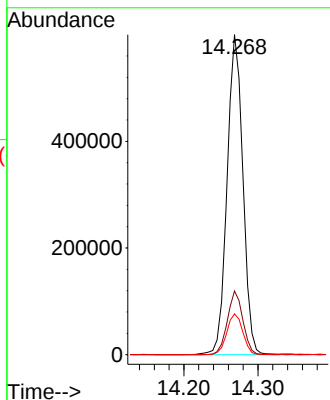
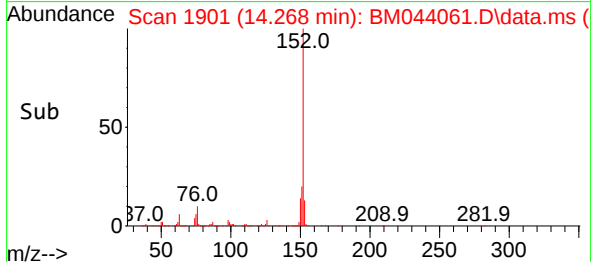
Instrument : BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023



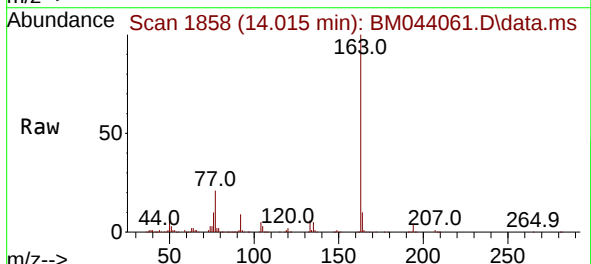
Tgt Ion:152 Resp: 887750
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.6
153 12.8 10.5 15.7

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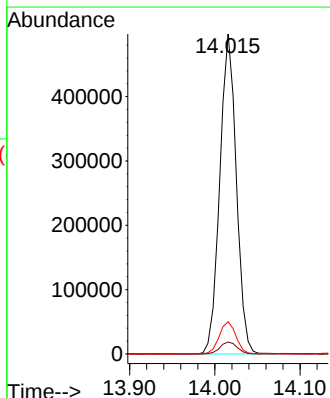
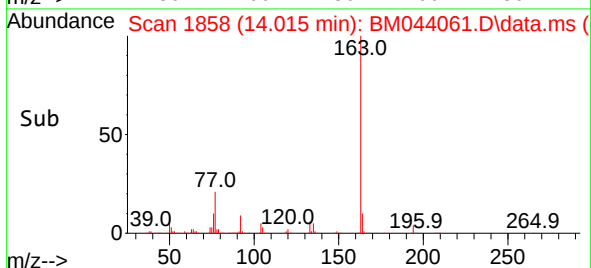
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024

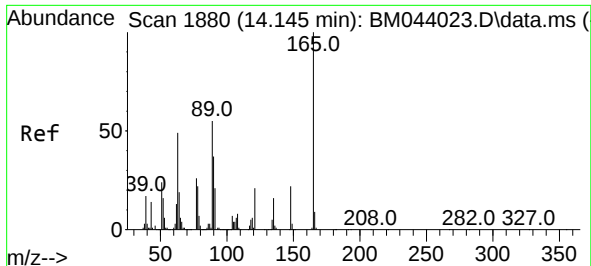


#50
Dimethylphthalate
Concen: 6.291 ng
RT: 14.015 min Scan# 1858
Delta R.T. -0.012 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43



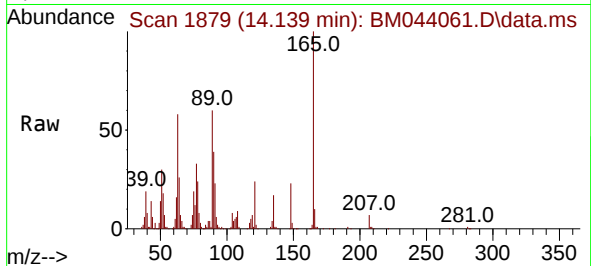
Tgt Ion:163 Resp: 671195
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.0 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 5.568 ng
RT: 14.139 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

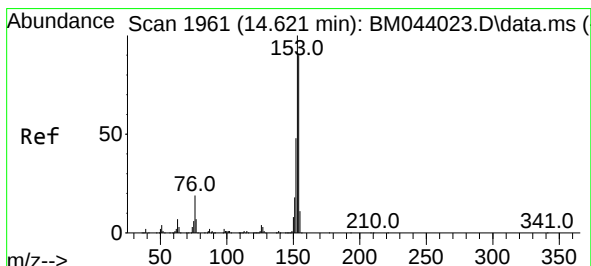
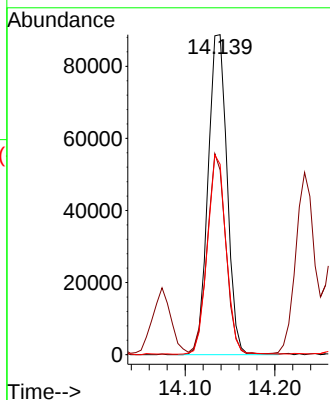
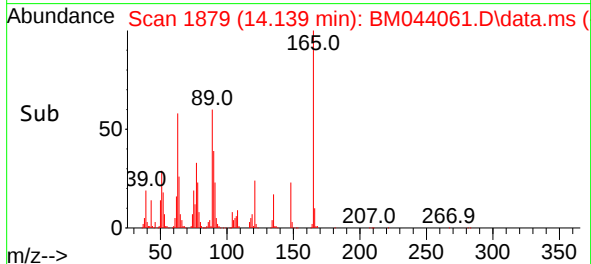
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion:165 Resp: 131060
Ion Ratio Lower Upper
165 100
63 57.7 43.5 65.3
89 59.5 44.4 66.6

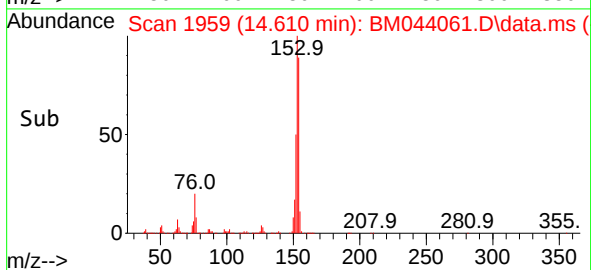
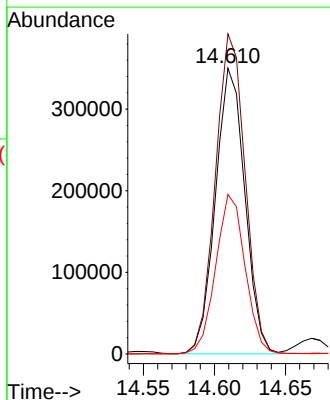
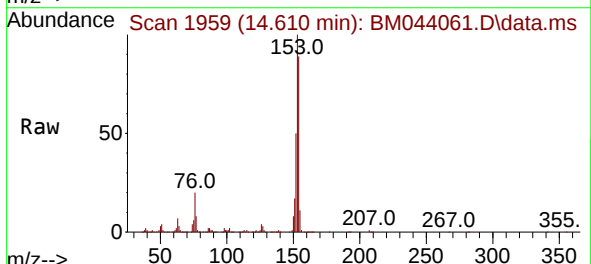
Manual Integrations
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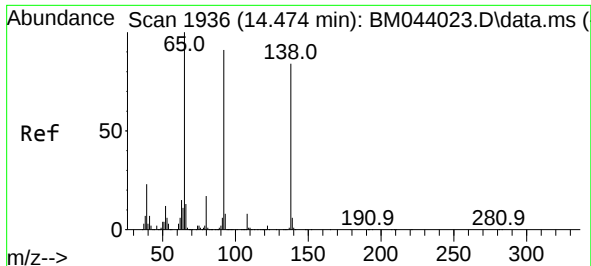
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#52
Acenaphthene
Concen: 6.065 ng
RT: 14.610 min Scan# 1959
Delta R.T. -0.012 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

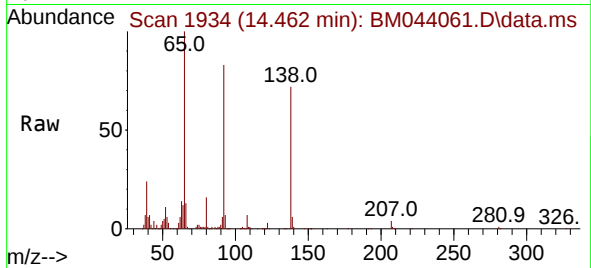
Tgt Ion:154 Resp: 503731
Ion Ratio Lower Upper
154 100
153 112.0 89.3 133.9
152 55.8 43.0 64.6





#53
3-Nitroaniline
Concen: 5.728 ng
RT: 14.462 min Scan# 1936
Delta R.T. -0.012 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

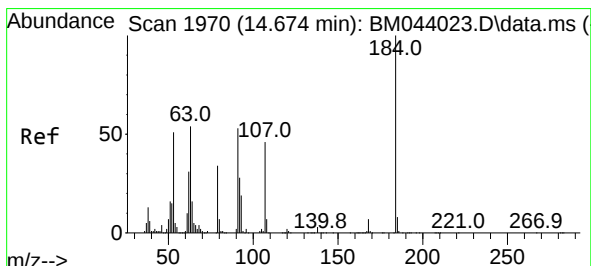
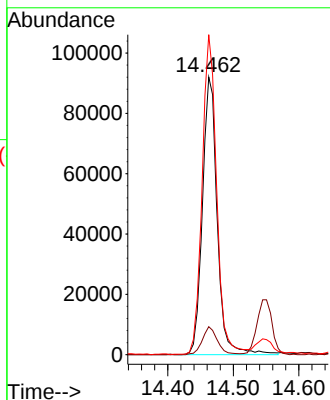
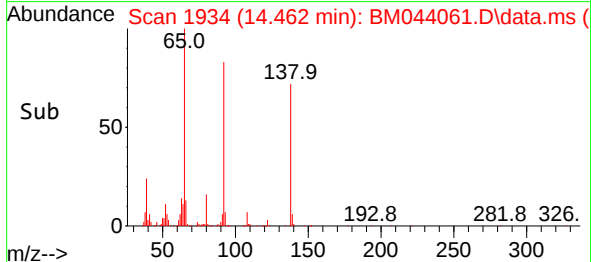
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion:138 Resp: 14490
Ion Ratio Lower Upper
138 100
108 10.1 7.6 11.4
92 115.3 86.5 129.7

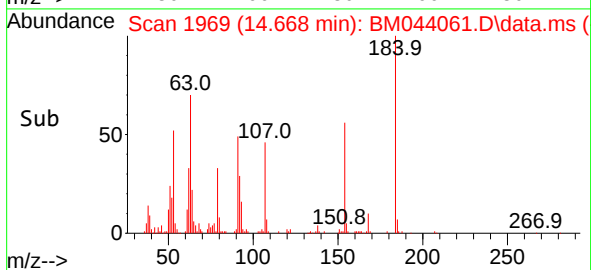
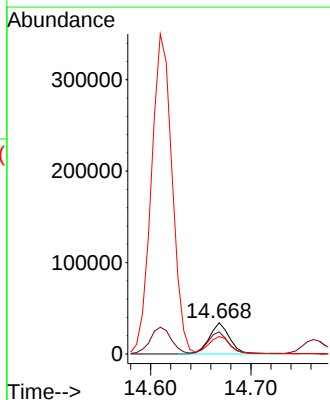
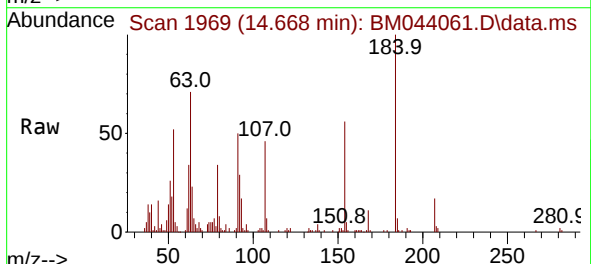
Manual Integrations
APPROVED

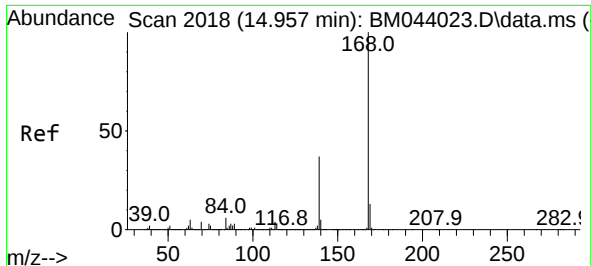
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#54
2,4-Dinitrophenol
Concen: 8.742 ng
RT: 14.668 min Scan# 1969
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

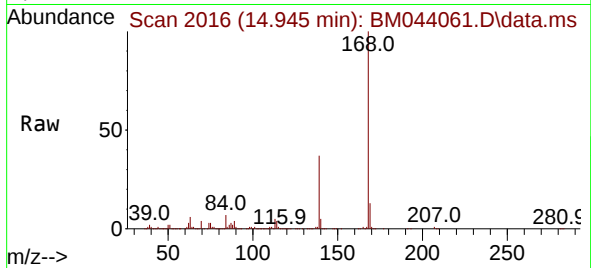
Tgt Ion:184 Resp: 47912
Ion Ratio Lower Upper
184 100
63 70.9 55.4 83.2
154 56.1 49.2 73.8





#55
Dibenzenofuran
Concen: 6.506 ng
RT: 14.945 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

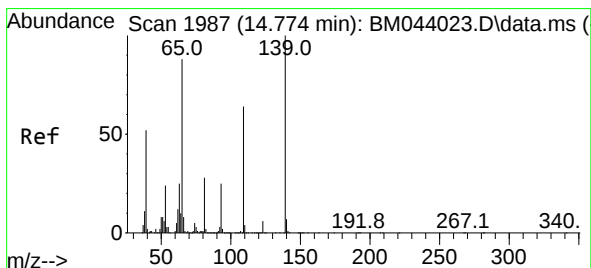
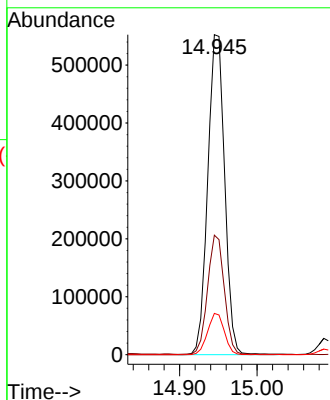
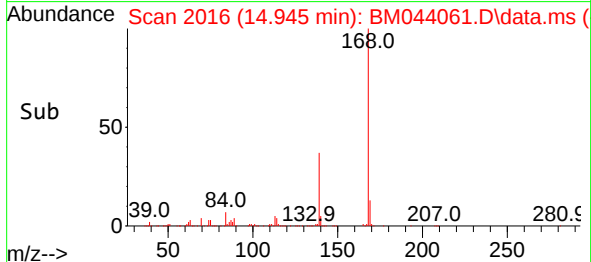
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023



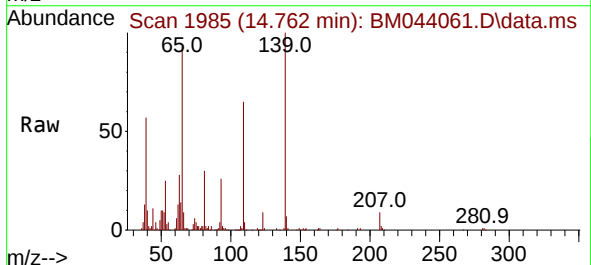
Tgt Ion:168 Resp: 836358
Ion Ratio Lower Upper
168 100
139 37.4 29.6 44.4
169 12.9 10.5 15.7

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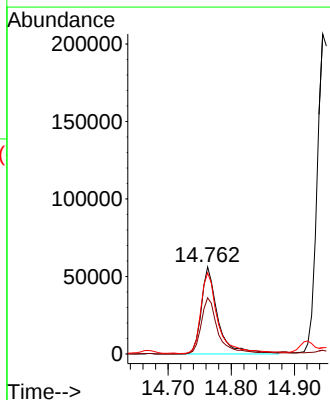
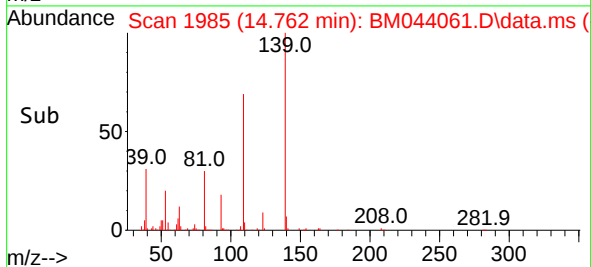
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024

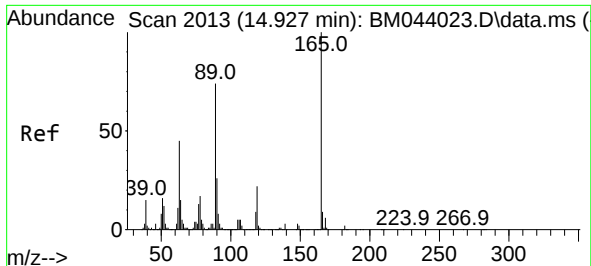


#56
4-Nitrophenol
Concen: 4.967 ng
RT: 14.762 min Scan# 1985
Delta R.T. -0.012 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43



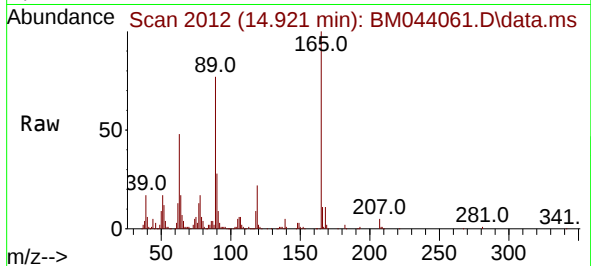
Tgt Ion:139 Resp: 102139
Ion Ratio Lower Upper
139 100
109 64.5 43.8 83.8
65 93.2 67.7 107.7





#57
2,4-Dinitrotoluene
Concen: 5.407 ng
RT: 14.921 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

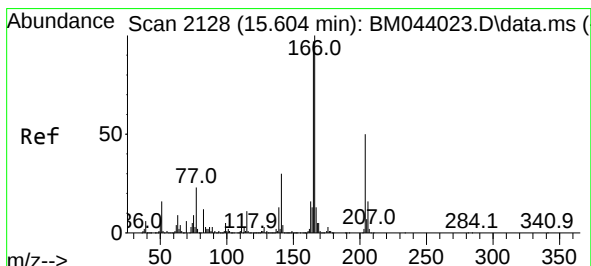
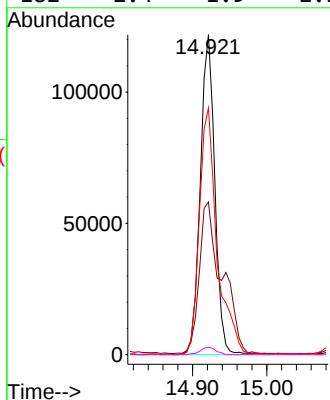
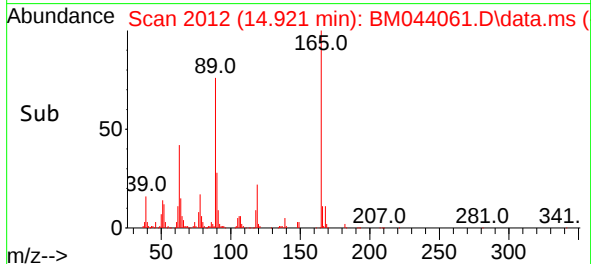
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion:165 Resp: 166364
Ion Ratio Lower Upper
165 100
63 47.7 35.9 53.9
89 77.1 58.9 88.3
182 2.4 1.9 2.9

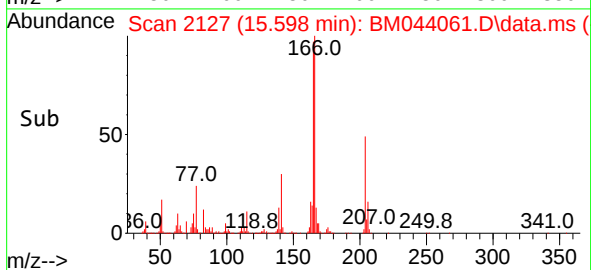
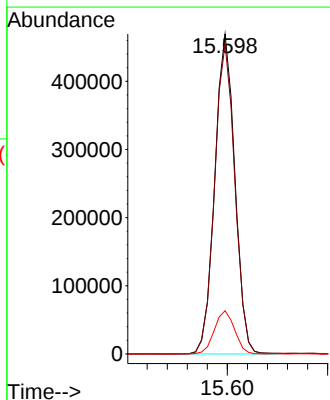
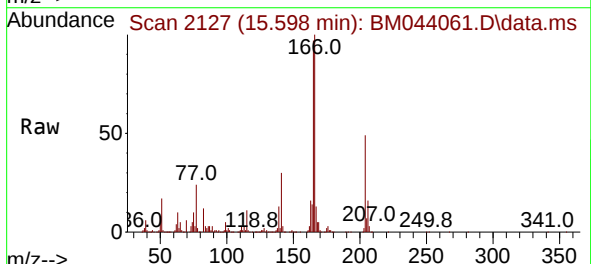
Manual Integrations
APPROVED

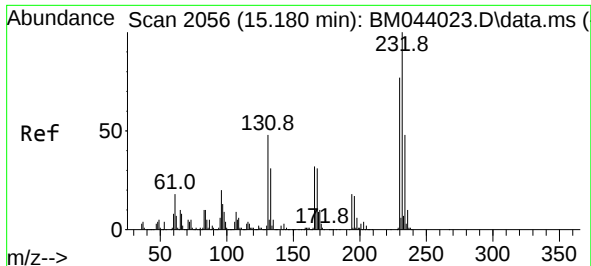
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#58
Fluorene
Concen: 6.575 ng
RT: 15.598 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

Tgt Ion:166 Resp: 653112
Ion Ratio Lower Upper
166 100
165 96.9 77.7 116.5
167 13.5 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 6.170 ng

RT: 15.168 min Scan# 2056

Delta R.T. -0.012 min

Lab File: BM044061.D

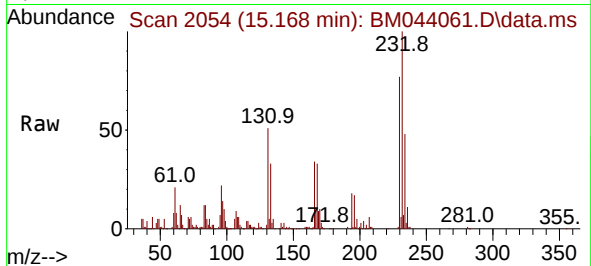
Acq: 12 Feb 2024 17:43

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2023



Tgt Ion:232 Resp: 151230

Ion Ratio Lower Upper

232 100

131 50.3 39.5 59.3

130 2.4 2.0 3.0

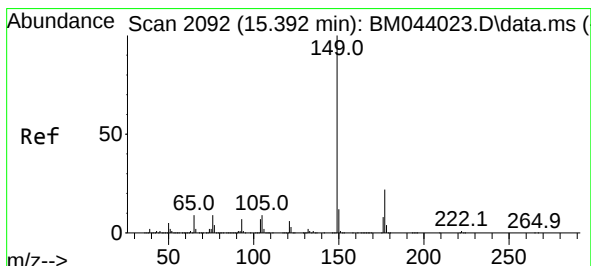
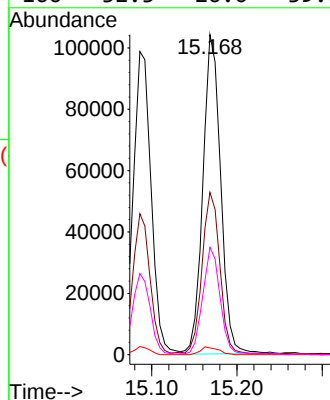
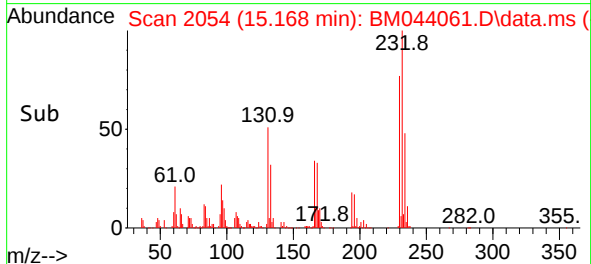
166 32.3 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/14/2024

Supervised By :mohammad ahmed 02/14/2024



#60

Diethylphthalate

Concen: 6.067 ng

RT: 15.380 min Scan# 2090

Delta R.T. -0.012 min

Lab File: BM044061.D

Acq: 12 Feb 2024 17:43

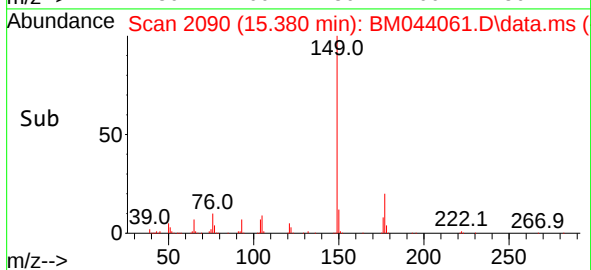
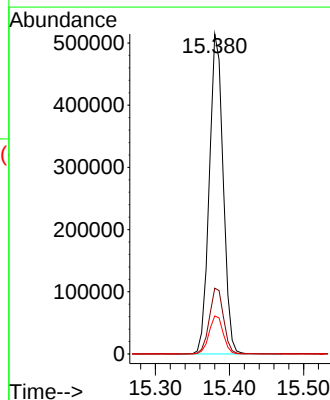
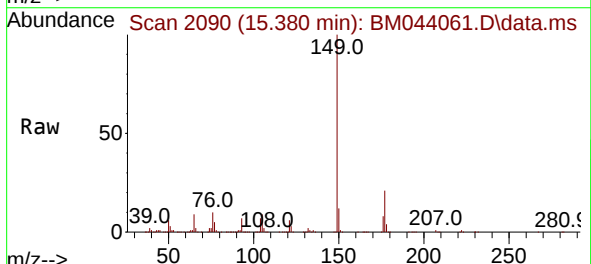
Tgt Ion:149 Resp: 668933

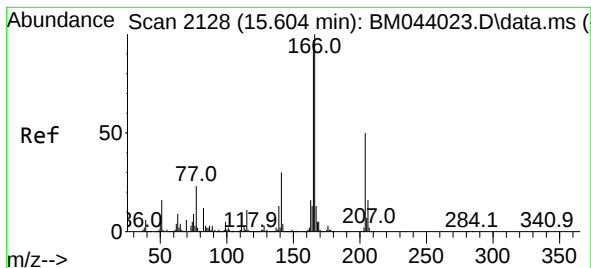
Ion Ratio Lower Upper

149 100

177 20.6 17.5 26.3

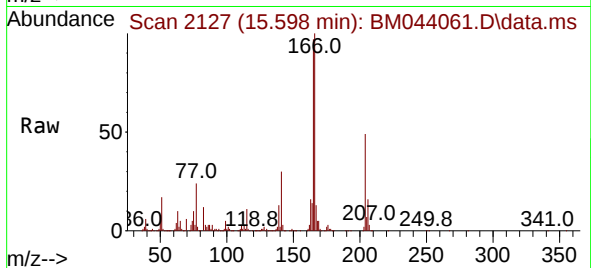
150 11.9 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 6.484 ng
RT: 15.598 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

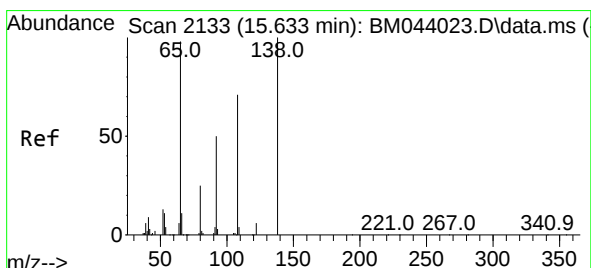
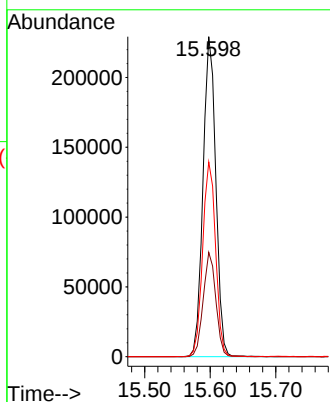
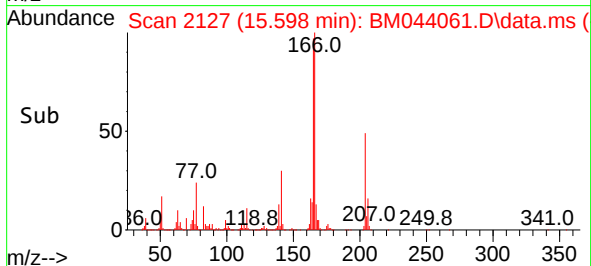
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion:204 Resp: 312069
Ion Ratio Lower Upper
204 100
206 32.6 26.3 39.5
141 60.8 47.7 71.5

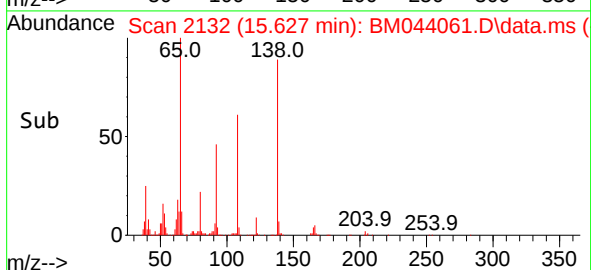
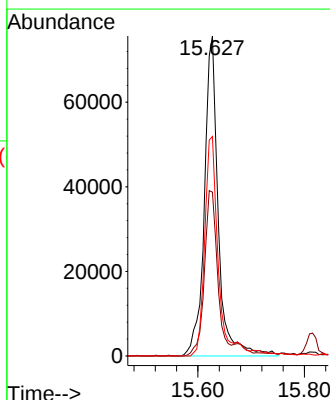
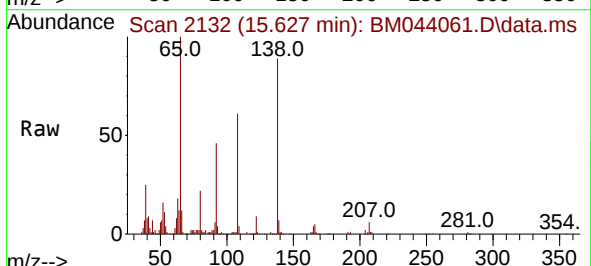
Manual Integrations
APPROVED

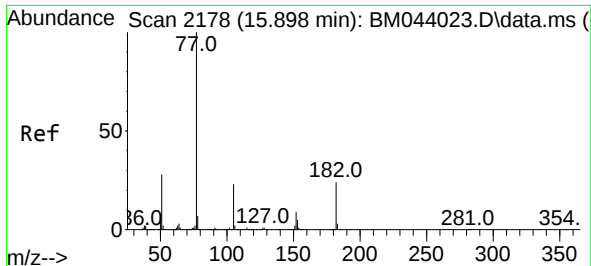
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#62
4-Nitroaniline
Concen: 5.404 ng
RT: 15.627 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

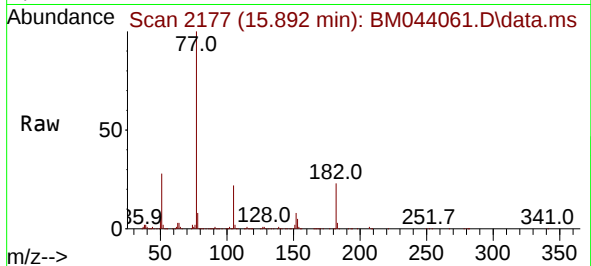
Tgt Ion:138 Resp: 137602
Ion Ratio Lower Upper
138 100
92 51.2 29.6 69.6
108 68.6 47.8 87.8





#63
Azobenzene
Concen: 6.292 ng
RT: 15.892 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

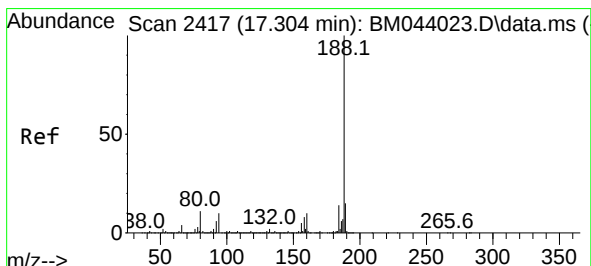
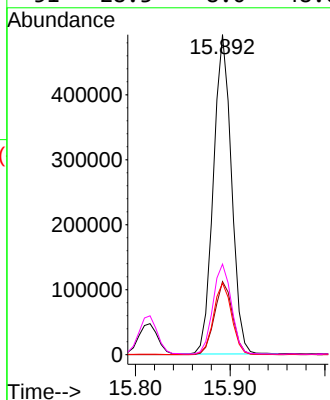
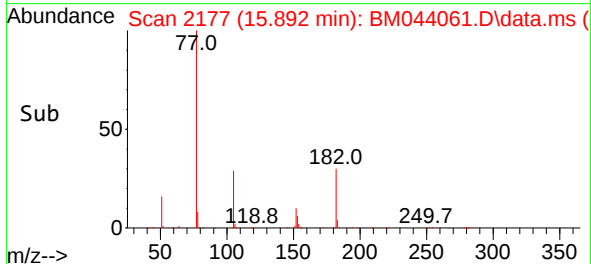
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion: 77 Resp: 65090
Ion Ratio Lower Upper
77 100
182 22.9 4.0 44.0
105 22.3 3.3 43.3
51 28.3 8.0 48.0

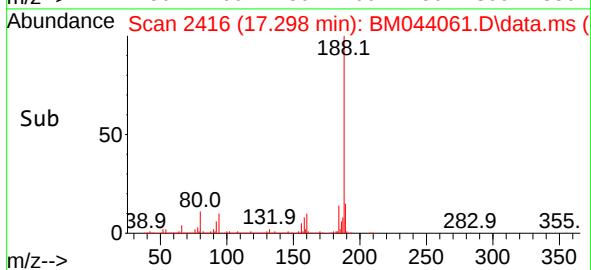
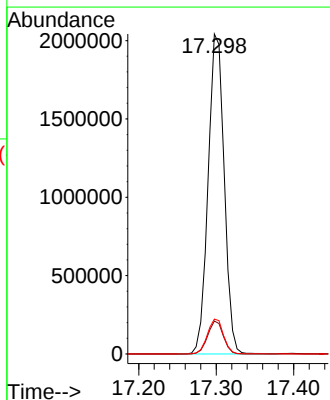
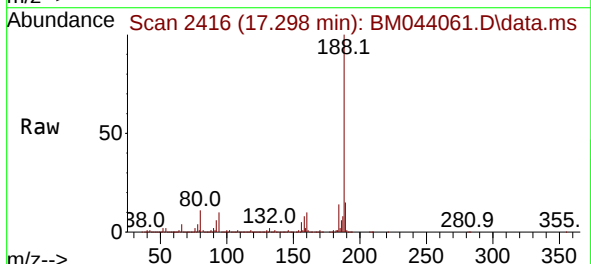
Manual Integrations
APPROVED

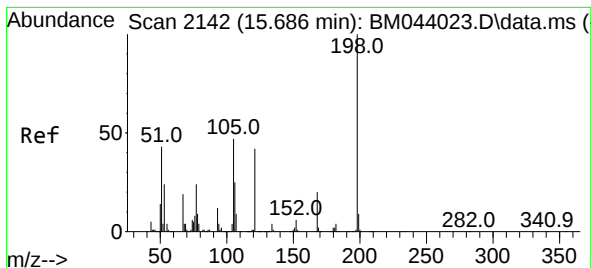
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.298 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

Tgt Ion:188 Resp: 2952447
Ion Ratio Lower Upper
188 100
94 10.3 8.2 12.2
80 10.9 8.8 13.2





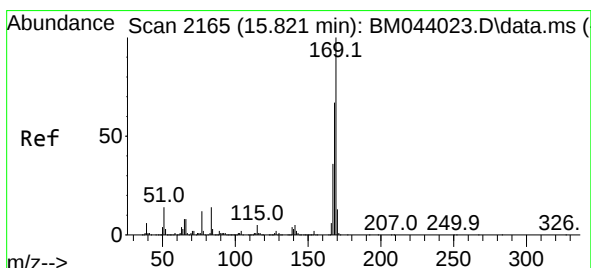
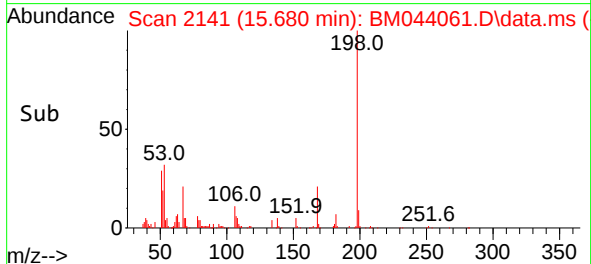
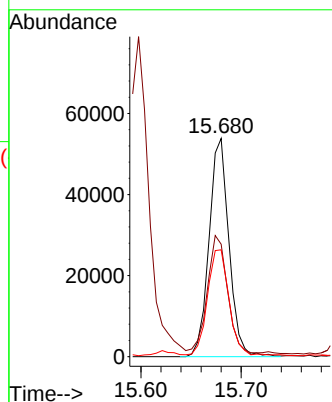
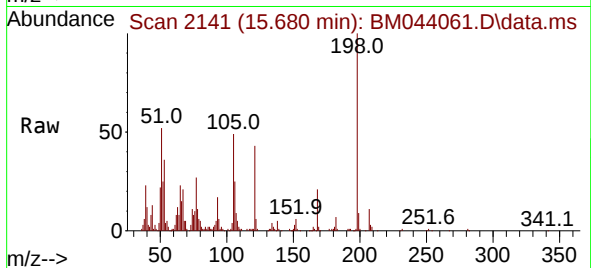
#65
4,6-Dinitro-2-methylphenol
Concen: 4.219 ng
RT: 15.680 min Scan# 2142
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023

Tgt Ion:198 Resp: 74221
Ion Ratio Lower Upper
198 100
51 51.5 29.9 69.9
105 49.0 28.7 68.7

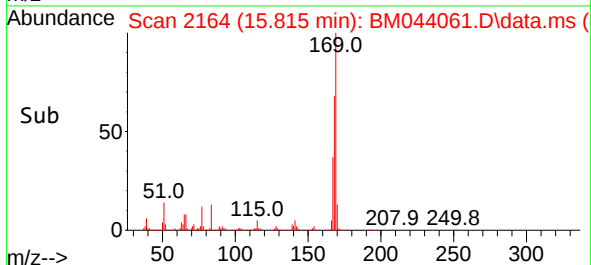
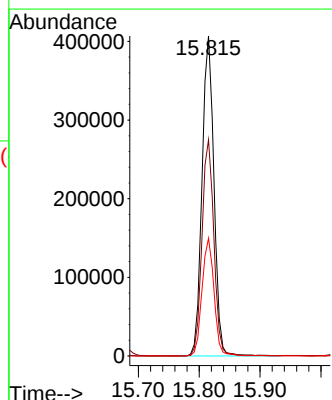
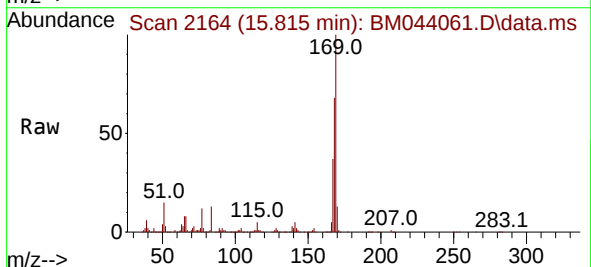
Manual Integrations
APPROVED

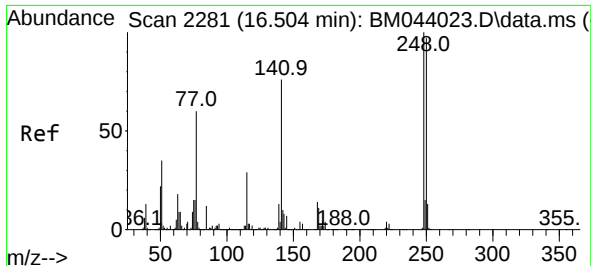
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#66
n-Nitrosodiphenylamine
Concen: 6.144 ng
RT: 15.815 min Scan# 2164
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

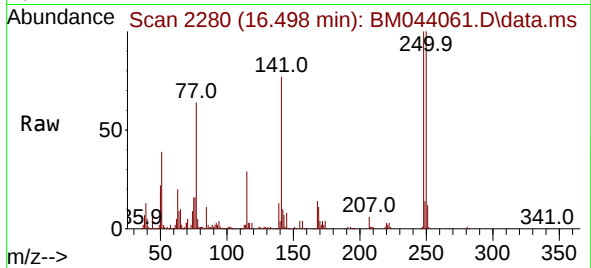
Tgt Ion:169 Resp: 551103
Ion Ratio Lower Upper
169 100
168 67.6 53.8 80.8
167 36.8 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 5.303 ng
RT: 16.498 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

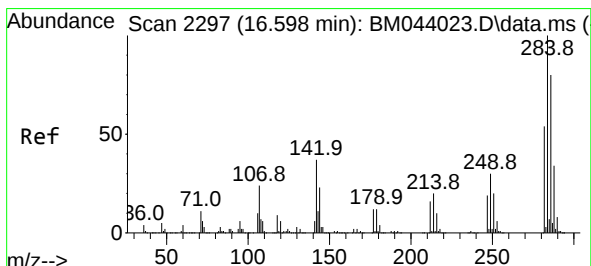
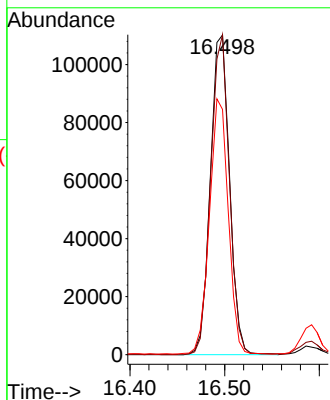
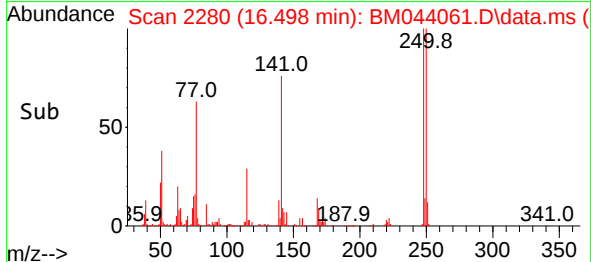
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023



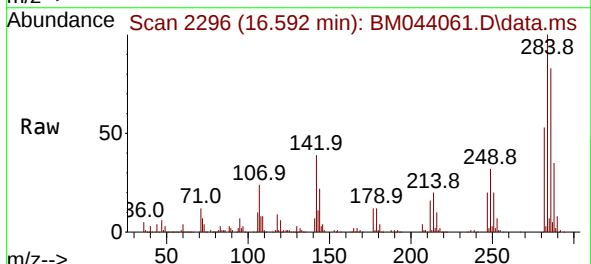
Tgt Ion:248 Resp: 15481
Ion Ratio Lower Upper
248 100
250 100.1 77.4 116.2
141 76.8 61.0 91.6

Manual Integrations
APPROVED

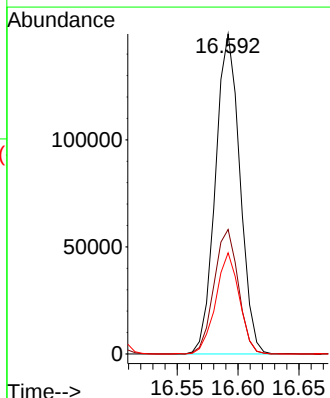
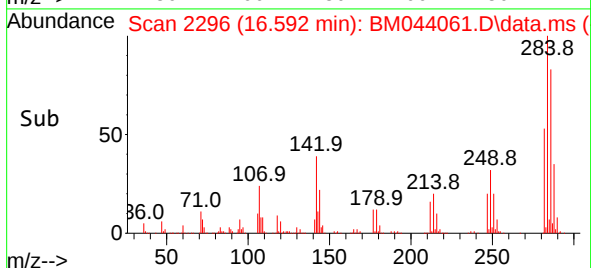
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024

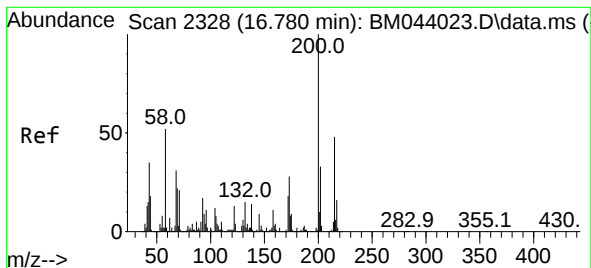


#68
Hexachlorobenzene
Concen: 5.843 ng
RT: 16.592 min Scan# 2296
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43



Tgt Ion:284 Resp: 208919
Ion Ratio Lower Upper
284 100
142 38.9 30.0 45.0
249 31.6 24.1 36.1





#69

Atrazine

Concen: 7.419 ng

RT: 16.774 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM044061.D

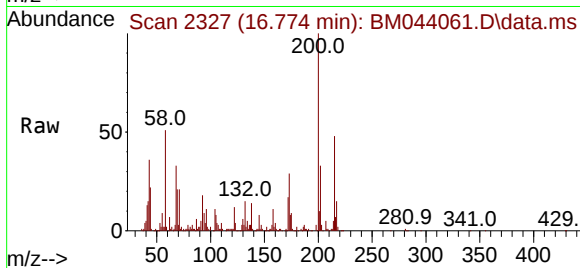
Acq: 12 Feb 2024 17:43

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2023



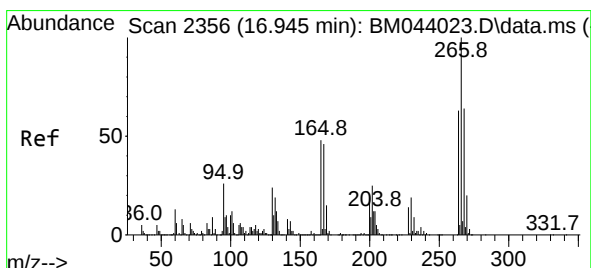
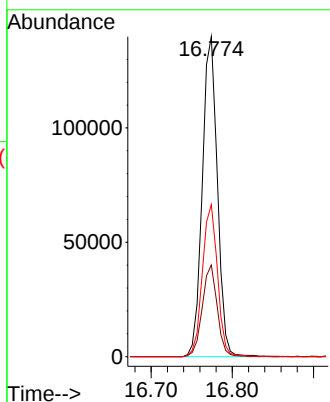
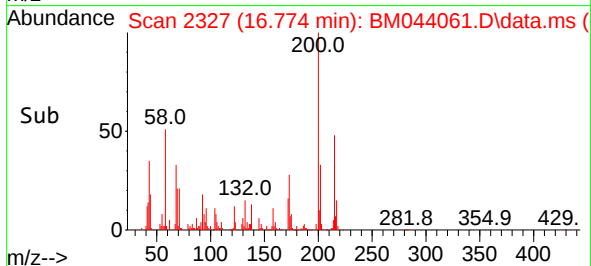
Tgt Ion:	200	Resp:	18020
Ion Ratio	Lower	Upper	
200	100		
173	28.6	7.9	47.9
215	47.5	27.9	67.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/14/2024

Supervised By :mohammad ahmed 02/14/2024



#70

Pentachlorophenol

Concen: 4.640 ng

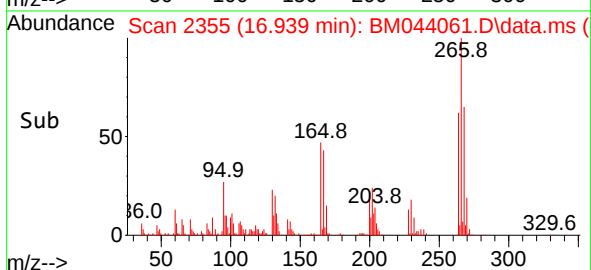
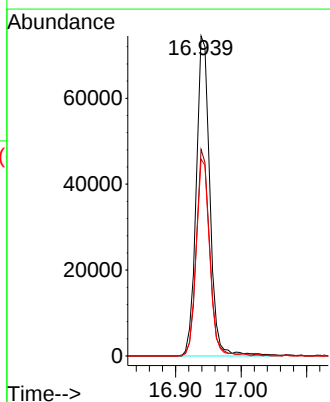
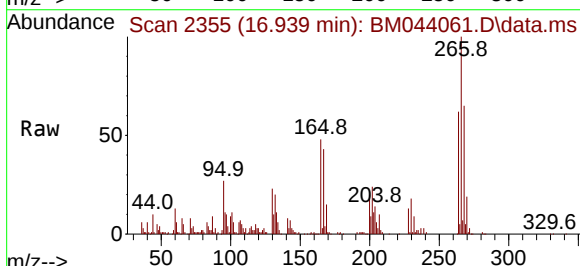
RT: 16.939 min Scan# 2355

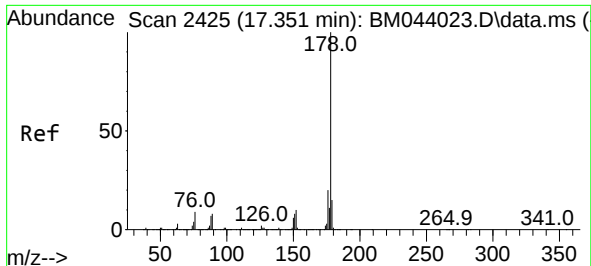
Delta R.T. -0.006 min

Lab File: BM044061.D

Acq: 12 Feb 2024 17:43

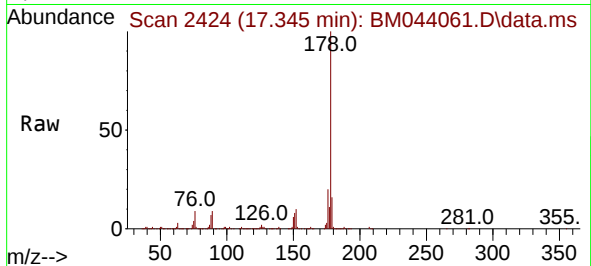
Tgt Ion:	266	Resp:	107930
Ion Ratio	Lower	Upper	
266	100		
268	64.6	51.1	76.7
264	61.6	50.5	75.7





#71
Phenanthrene
Concen: 6.428 ng
RT: 17.345 min Scan# 2425
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

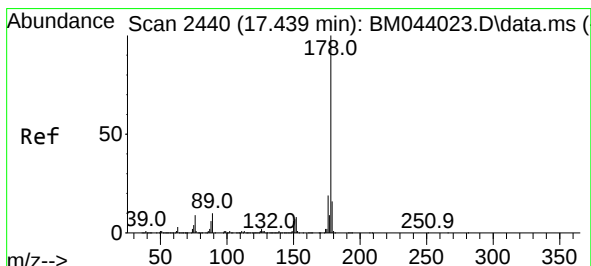
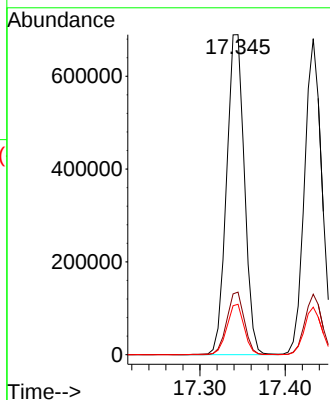
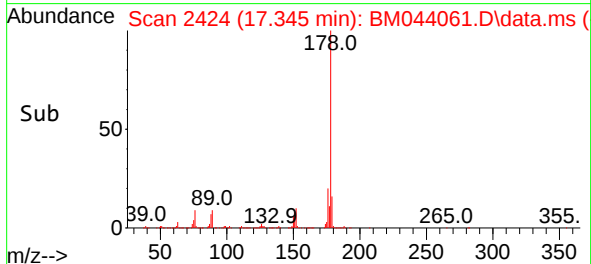
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion:178 Resp: 100211
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 15.8 12.2 18.4

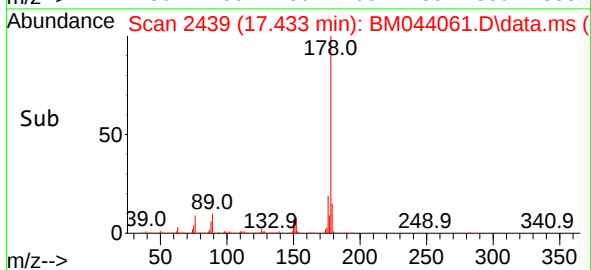
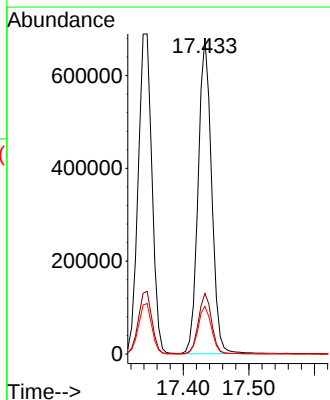
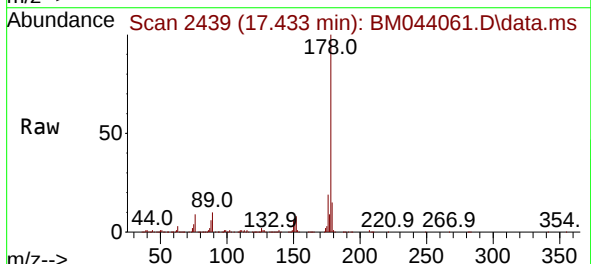
Manual Integrations
APPROVED

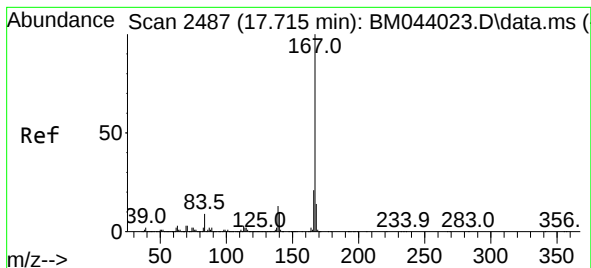
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#72
Anthracene
Concen: 6.287 ng
RT: 17.433 min Scan# 2439
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

Tgt Ion:178 Resp: 970372
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.0 12.4 18.6





#73

Carbazole

Concen: 6.065 ng

RT: 17.709 min Scan# 2486

Delta R.T. -0.006 min

Lab File: BM044061.D

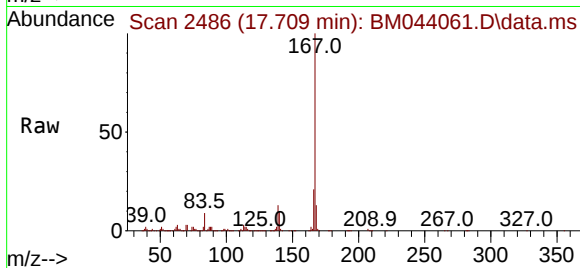
Acq: 12 Feb 2024 17:43

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2023



Tgt Ion:167 Resp: 91032

Ion Ratio Lower Upper

167 100

166 21.4 16.8 25.2

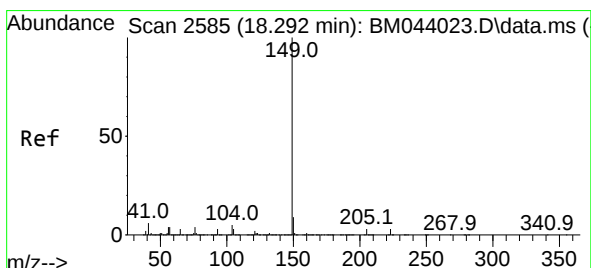
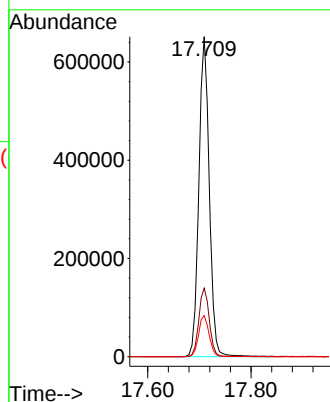
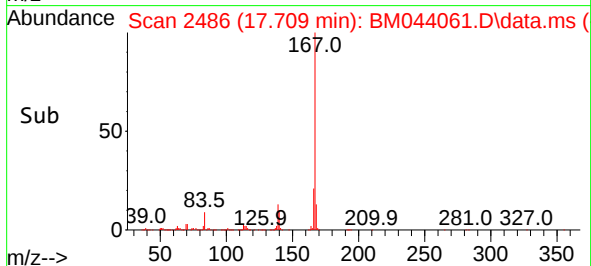
139 12.8 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/14/2024

Supervised By :mohammad ahmed 02/14/2024



#74

Di-n-butylphthalate

Concen: 5.615 ng

RT: 18.286 min Scan# 2584

Delta R.T. -0.006 min

Lab File: BM044061.D

Acq: 12 Feb 2024 17:43

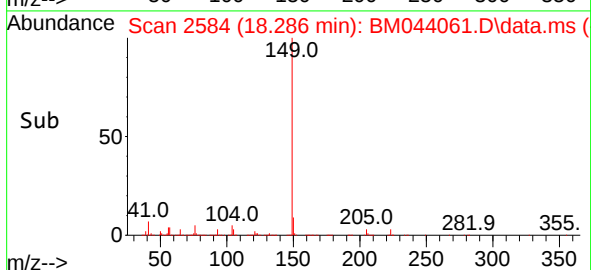
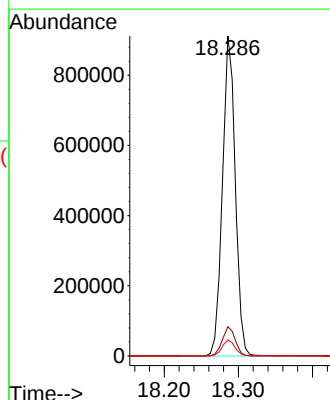
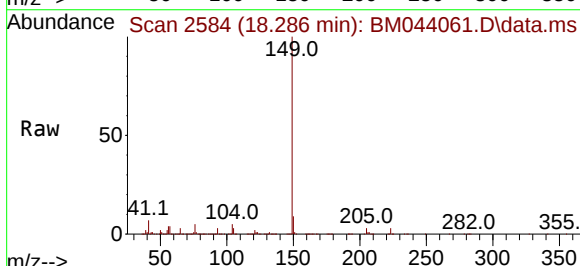
Tgt Ion:149 Resp: 1095463

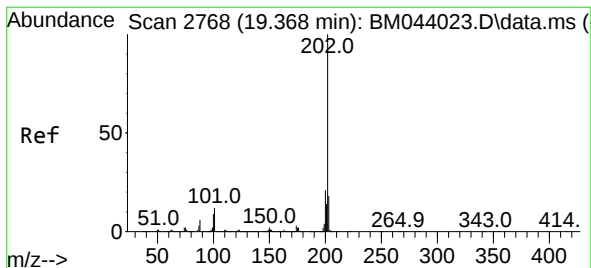
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

104 5.0 3.8 5.6





#75

Fluoranthene

Concen: 6.063 ng

RT: 19.362 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM044061.D

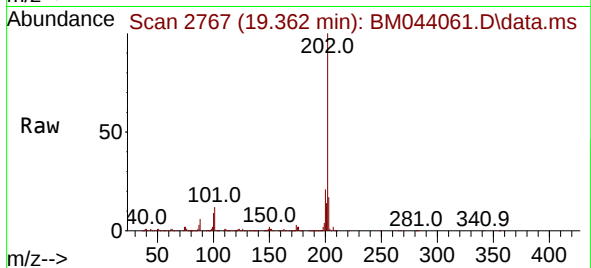
Acq: 12 Feb 2024 17:43

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2023



Tgt Ion:202 Resp: 106174

Ion Ratio Lower Upper

202 100

101 12.0 0.0 32.4

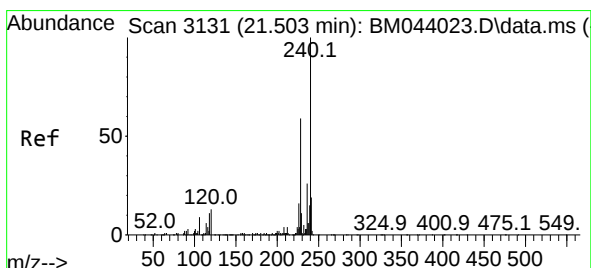
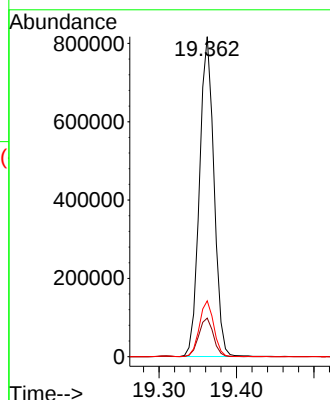
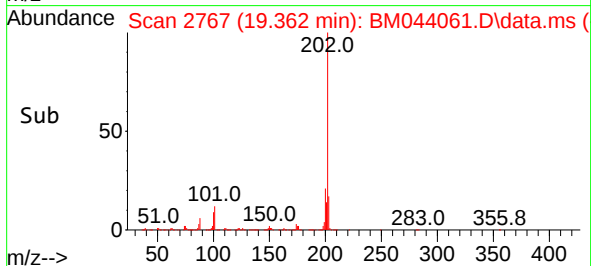
203 17.5 0.0 37.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/14/2024

Supervised By :mohammad ahmed 02/14/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.503 min Scan# 3131

Delta R.T. -0.000 min

Lab File: BM044061.D

Acq: 12 Feb 2024 17:43

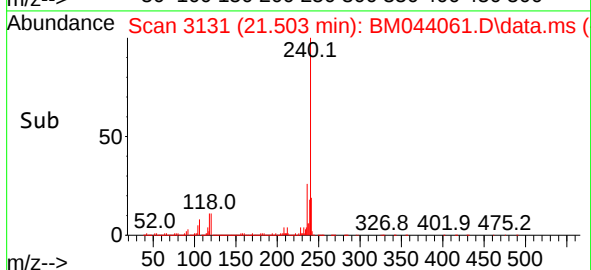
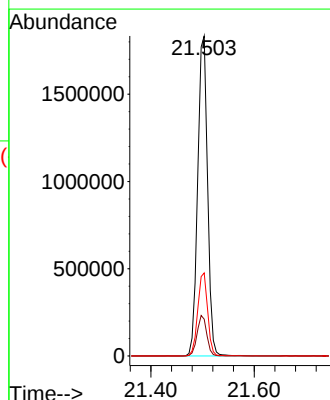
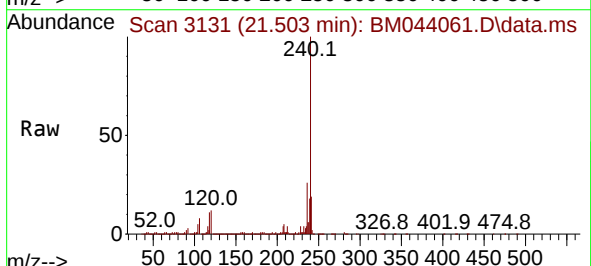
Tgt Ion:240 Resp: 2428483

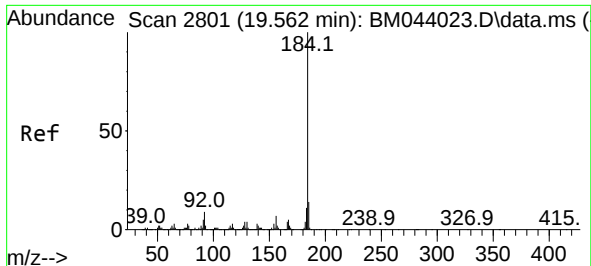
Ion Ratio Lower Upper

240 100

120 11.5 10.1 15.1

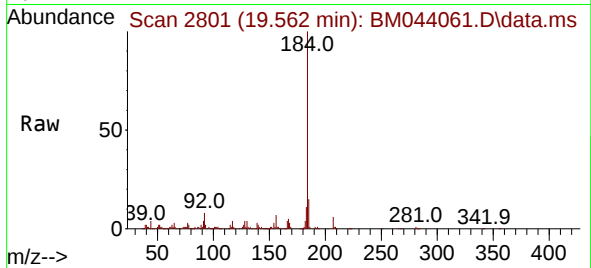
236 26.0 20.6 31.0





#77
Benzidine
Concen: 9.814 ng
RT: 19.562 min Scan# 2801
Delta R.T. -0.000 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

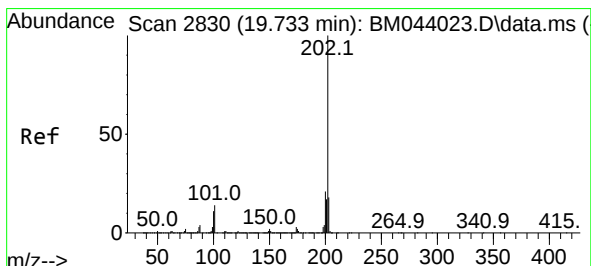
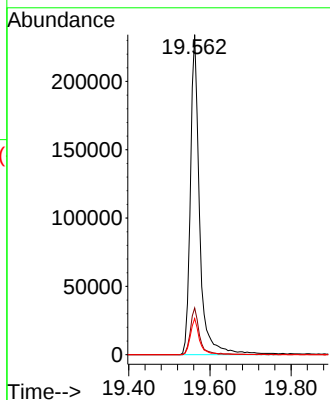
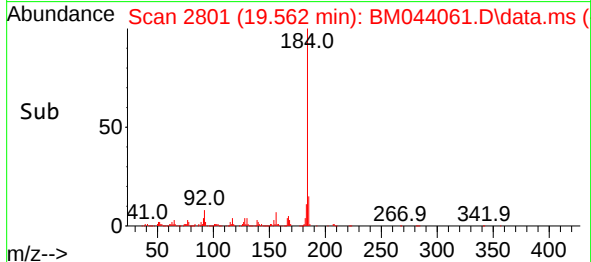
Instrument : BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023



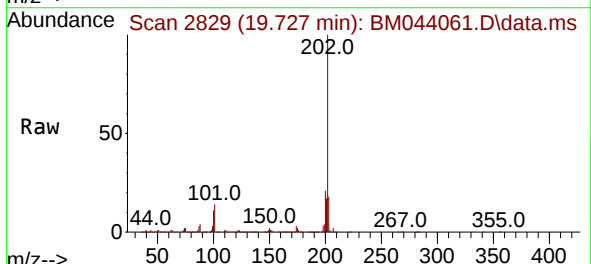
Tgt Ion:184 Resp: 370374
Ion Ratio Lower Upper
184 100
185 14.6 11.0 16.6
183 11.3 9.0 13.4

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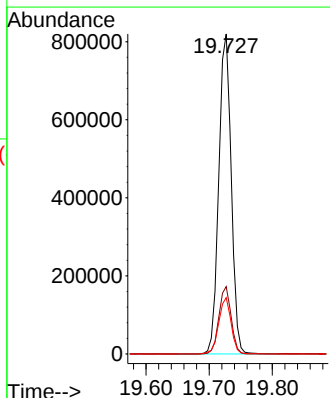
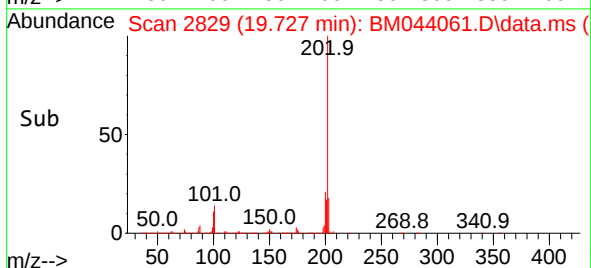
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024

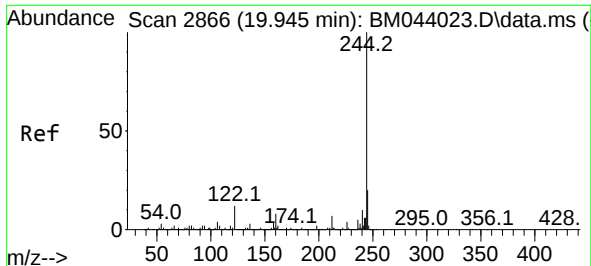


#78
Pyrene
Concen: 5.985 ng
RT: 19.727 min Scan# 2829
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43



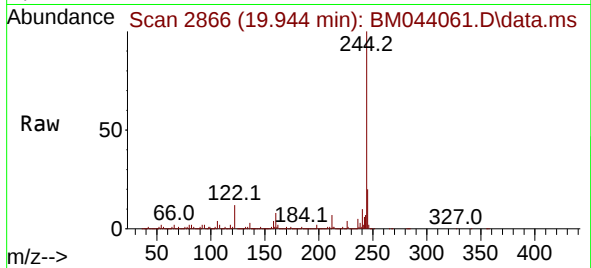
Tgt Ion:202 Resp: 1119451
Ion Ratio Lower Upper
202 100
200 21.1 16.8 25.2
203 17.6 14.0 21.0





#79
 Terphenyl-d14
 Concen: 60.062 ng
 RT: 19.944 min Scan# 2866
 Delta R.T. -0.000 min
 Lab File: BM044061.D
 Acq: 12 Feb 2024 17:43

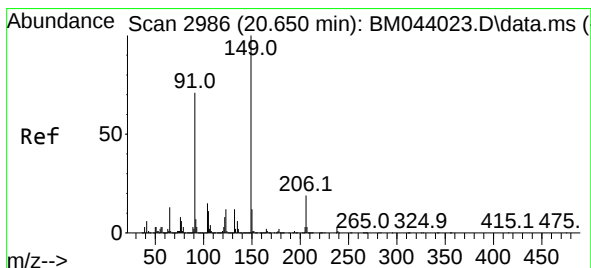
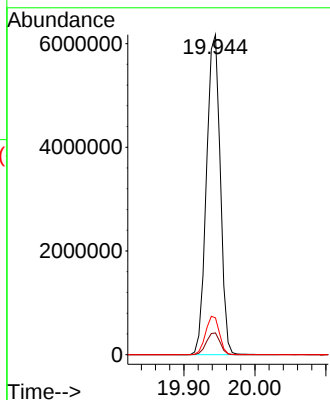
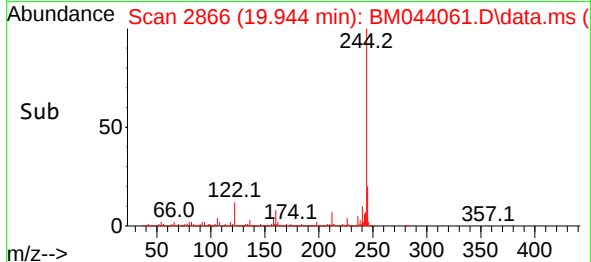
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT4-2023



Tgt Ion:244 Resp: 8320370
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 11.5 9.5 14.3

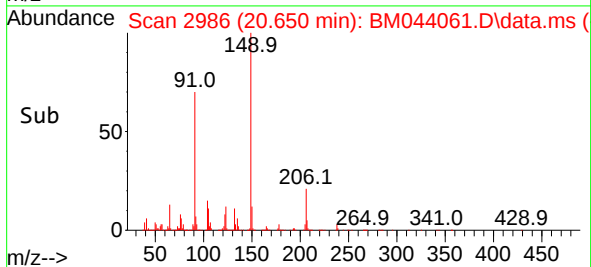
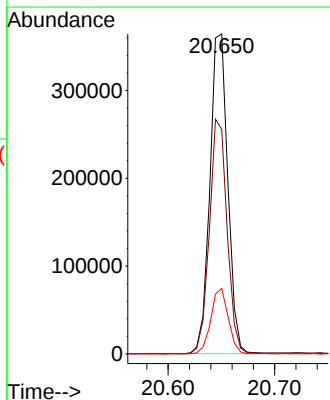
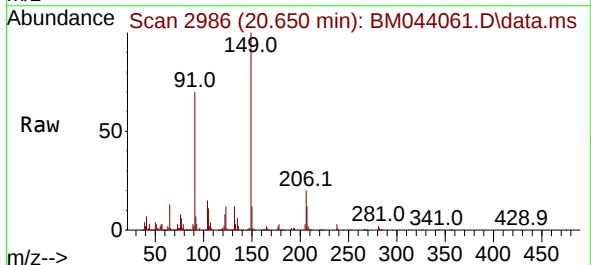
Manual Integrations
 APPROVED

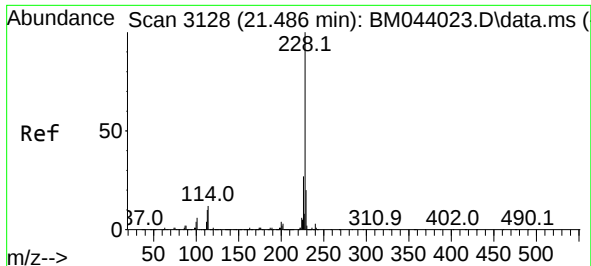
Reviewed By :Yogesh Patel 02/14/2024
 Supervised By :mohammad ahmed 02/14/2024



#80
 Butylbenzylphthalate
 Concen: 5.099 ng
 RT: 20.650 min Scan# 2986
 Delta R.T. -0.000 min
 Lab File: BM044061.D
 Acq: 12 Feb 2024 17:43

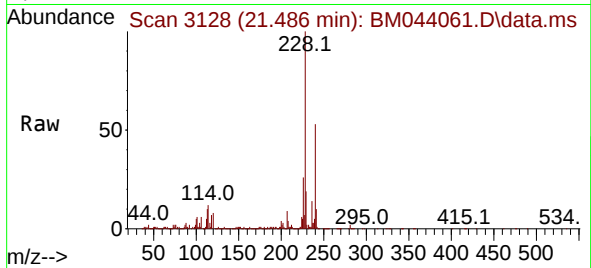
Tgt Ion:149 Resp: 423927
 Ion Ratio Lower Upper
 149 100
 91 70.2 56.8 85.2
 206 20.5 15.0 22.6





#81
Benzo(a)anthracene
Concen: 6.128 ng
RT: 21.486 min Scan# 3128
Delta R.T. -0.000 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

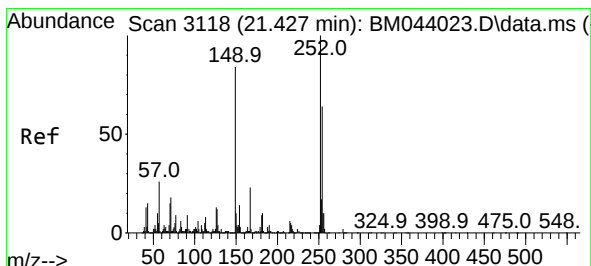
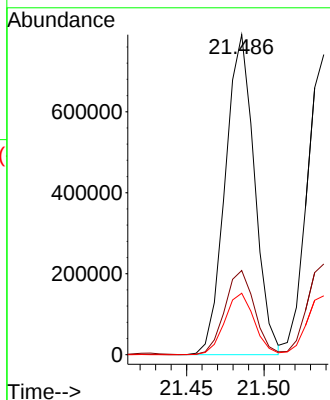
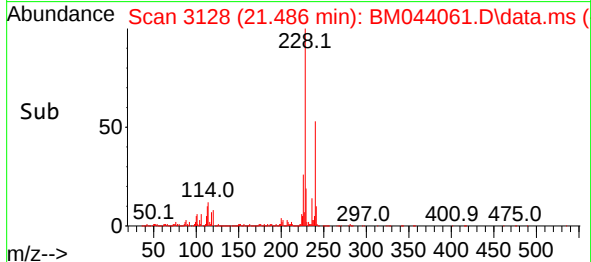
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion:228 Resp: 103513
Ion Ratio Lower Upper
228 100
226 26.3 21.4 32.2
229 19.2 15.9 23.9

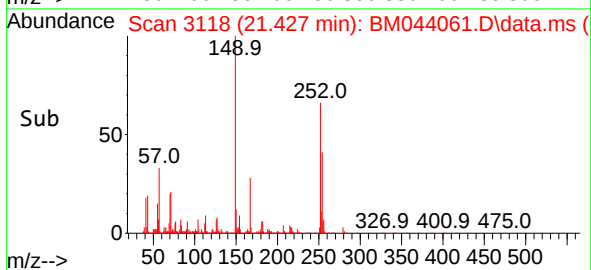
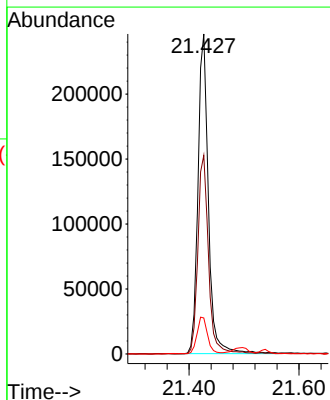
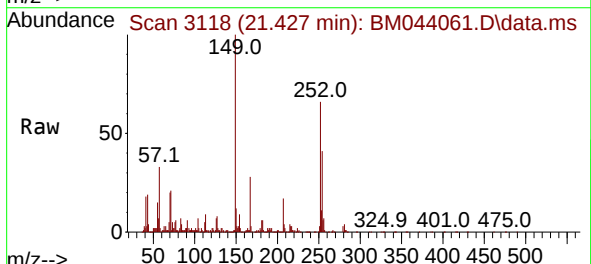
Manual Integrations
APPROVED

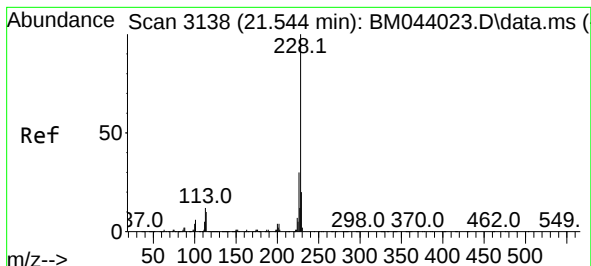
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#82
3,3'-Dichlorobenzidine
Concen: 5.859 ng
RT: 21.427 min Scan# 3118
Delta R.T. -0.000 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

Tgt Ion:252 Resp: 324721
Ion Ratio Lower Upper
252 100
254 62.0 51.2 76.8
126 11.3 10.2 15.4





#83

Chrysene

Concen: 6.001 ng

RT: 21.538 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BM044061.D

Acq: 12 Feb 2024 17:43

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2023

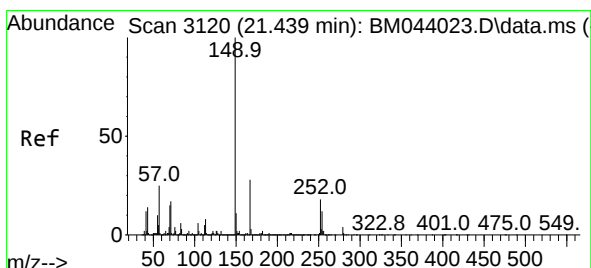
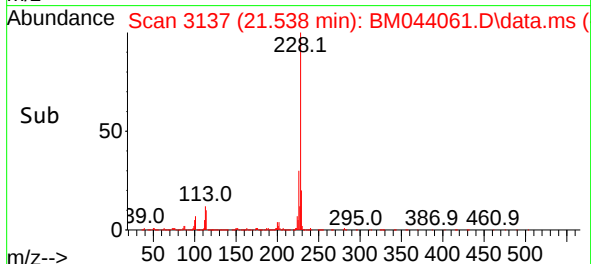
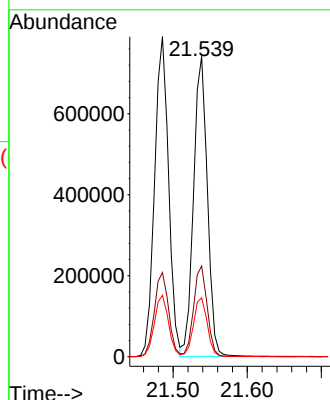
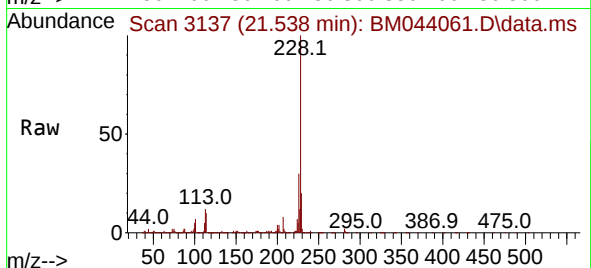
Tgt Ion:228 Resp: 957688
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.2 36.2
 229 19.6 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/14/2024

Supervised By :mohammad ahmed 02/14/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.354 ng

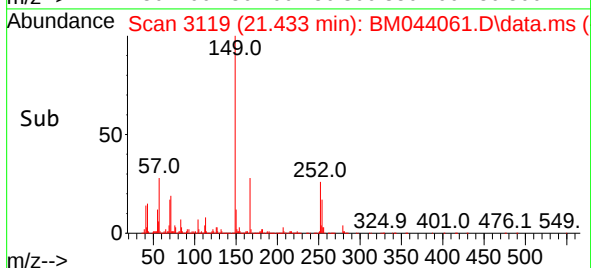
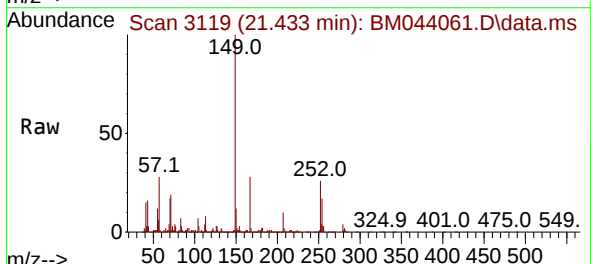
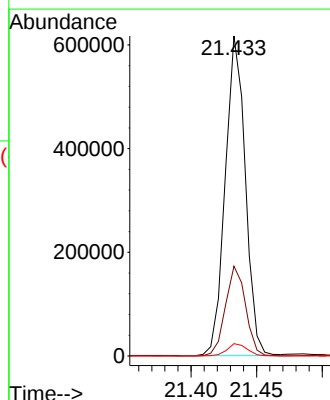
RT: 21.433 min Scan# 3119

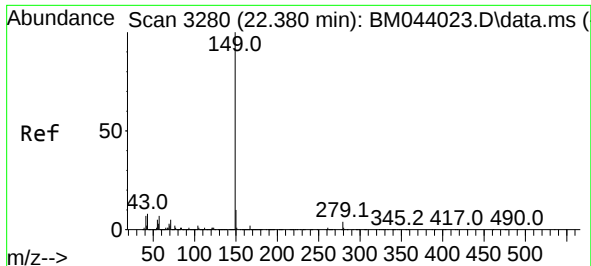
Delta R.T. -0.006 min

Lab File: BM044061.D

Acq: 12 Feb 2024 17:43

Tgt Ion:149 Resp: 656700
 Ion Ratio Lower Upper
 149 100
 167 28.1 22.6 33.8
 279 3.9 3.1 4.7





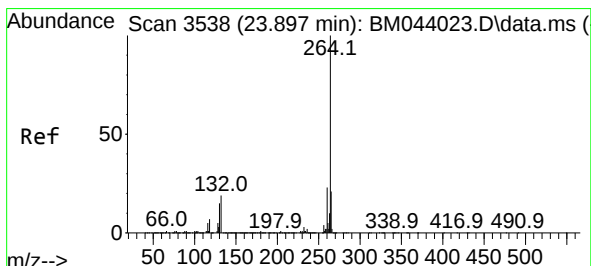
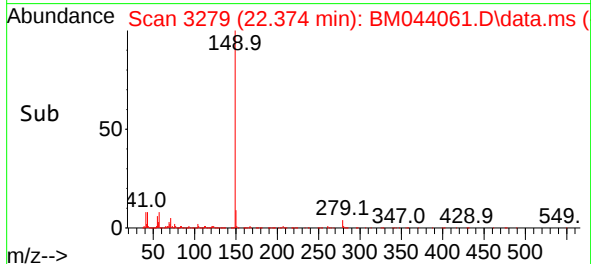
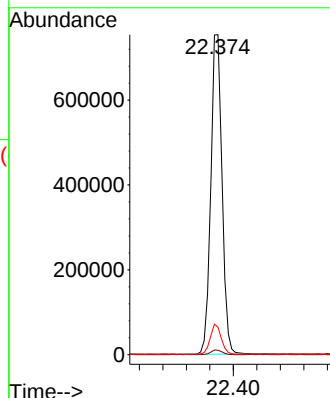
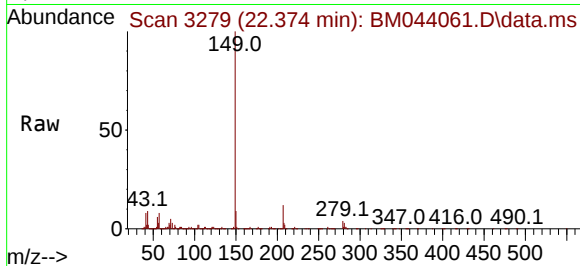
#85
Di-n-octyl phthalate
Concen: 4.660 ng
RT: 22.374 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023

Tgt Ion:149 Resp: 99826
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.4 7.0 10.4

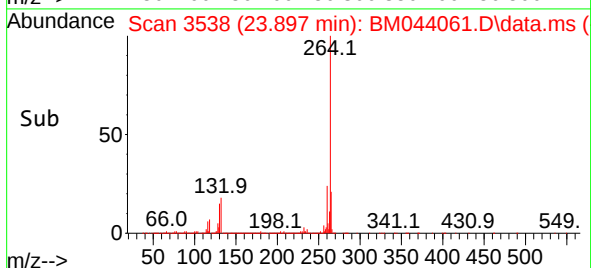
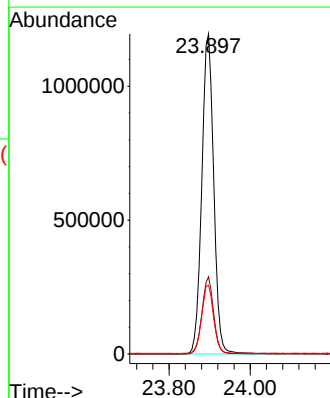
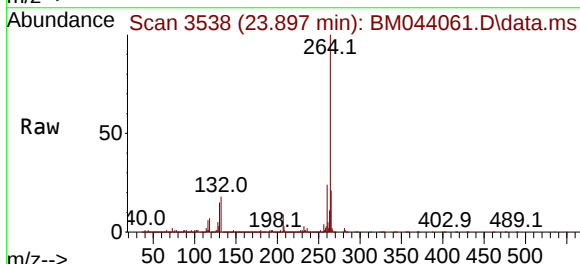
Manual Integrations
APPROVED

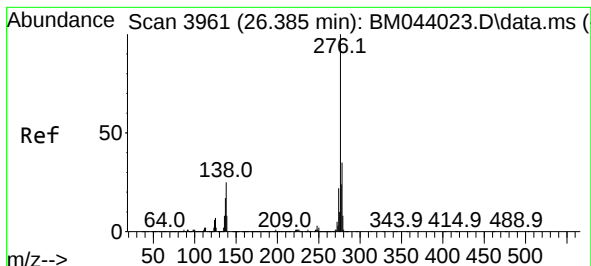
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.897 min Scan# 3538
Delta R.T. -0.000 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

Tgt Ion:264 Resp: 2442312
Ion Ratio Lower Upper
264 100
260 24.1 18.8 28.2
265 21.4 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 5.244 ng

RT: 26.373 min Scan# 3959

Delta R.T. -0.012 min

Lab File: BM044061.D

Acq: 12 Feb 2024 17:43

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2023

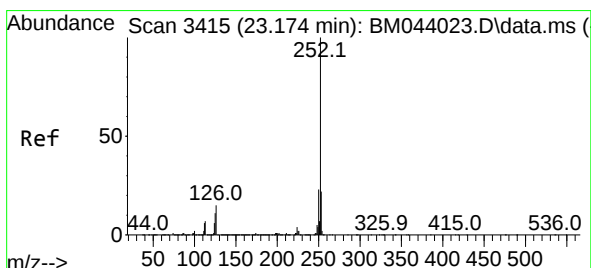
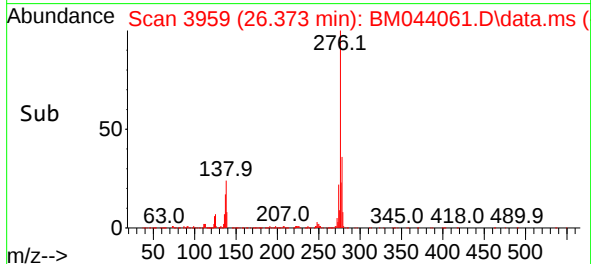
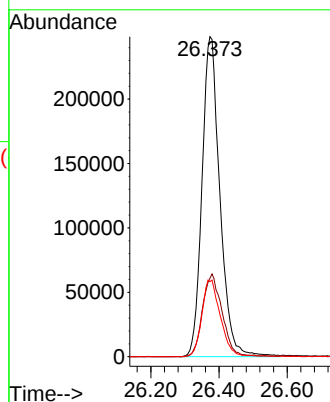
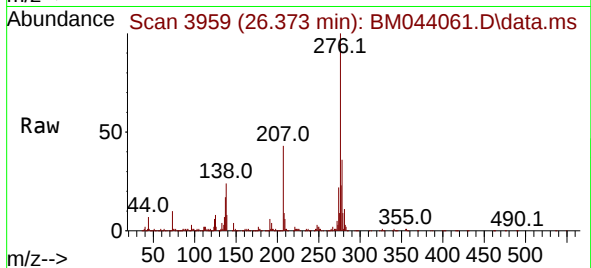
Tgt Ion:	276	Resp:	906474
Ion Ratio	Lower	Upper	
276	100		
138	28.1	22.6	34.0
277	24.9	20.2	30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/14/2024

Supervised By :mohammad ahmed 02/14/2024



#88

Benzo(b)fluoranthene

Concen: 6.078 ng

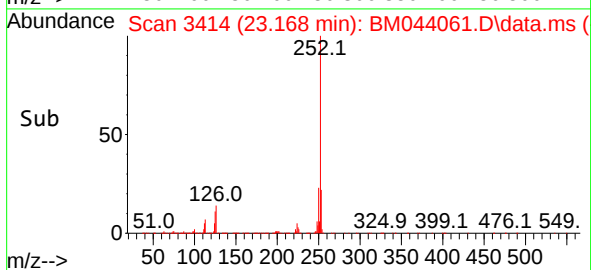
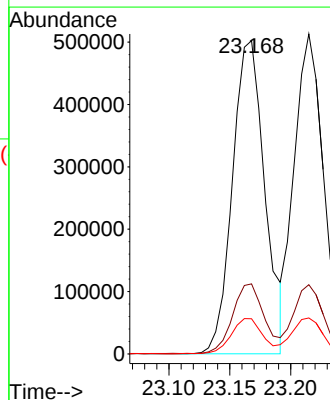
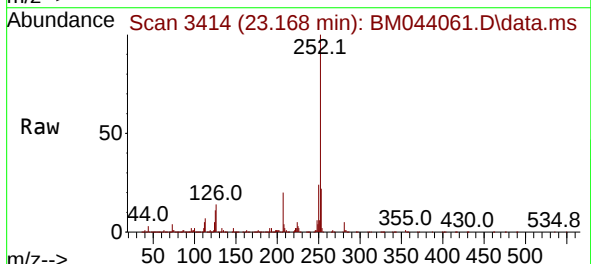
RT: 23.168 min Scan# 3414

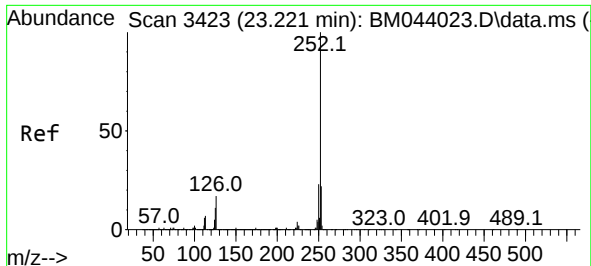
Delta R.T. -0.006 min

Lab File: BM044061.D

Acq: 12 Feb 2024 17:43

Tgt Ion:	252	Resp:	927868
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.6	26.4
125	11.3	8.8	13.2





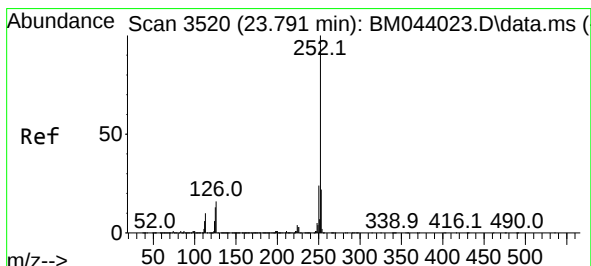
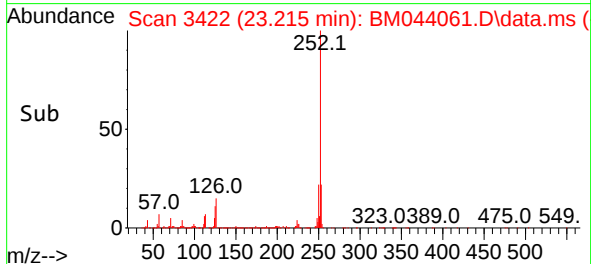
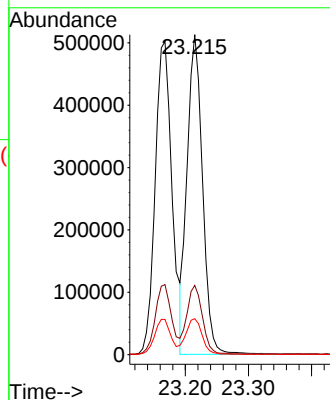
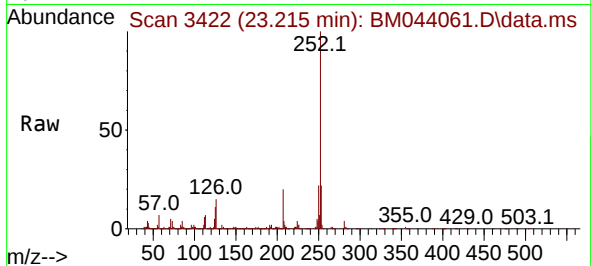
#89
Benzo(k)fluoranthene
Concen: 6.015 ng
RT: 23.215 min Scan# 3423
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023

Tgt Ion:252 Resp: 872548
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 11.2 9.0 13.4

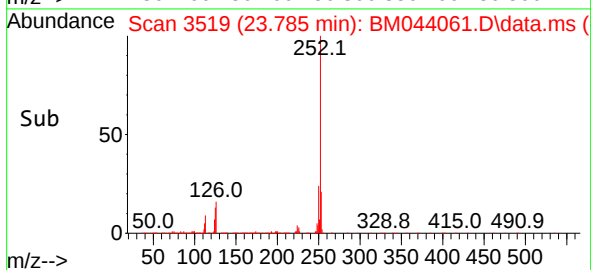
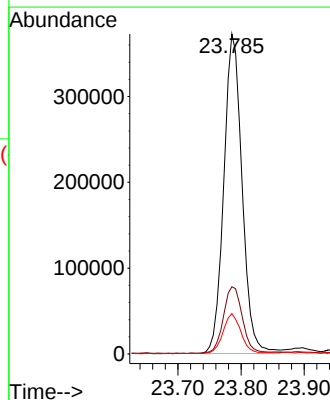
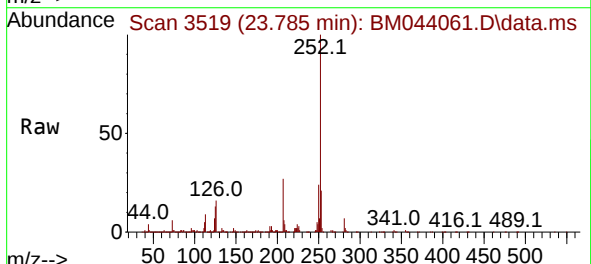
Manual Integrations
APPROVED

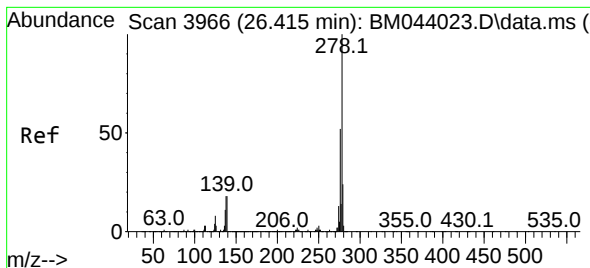
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#90
Benzo(a)pyrene
Concen: 5.627 ng
RT: 23.785 min Scan# 3519
Delta R.T. -0.006 min
Lab File: BM044061.D
Acq: 12 Feb 2024 17:43

Tgt Ion:252 Resp: 750329
Ion Ratio Lower Upper
252 100
253 21.0 17.7 26.5
125 12.6 10.1 15.1





#91

Dibenzo(a,h)anthracene

Concen: 5.297 ng

RT: 26.403 min Scan# 3966

Delta R.T. -0.012 min

Lab File: BM044061.D

Acq: 12 Feb 2024 17:43

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2023

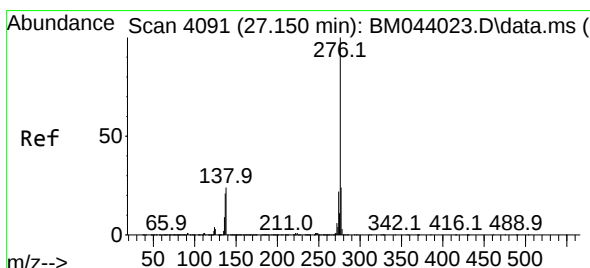
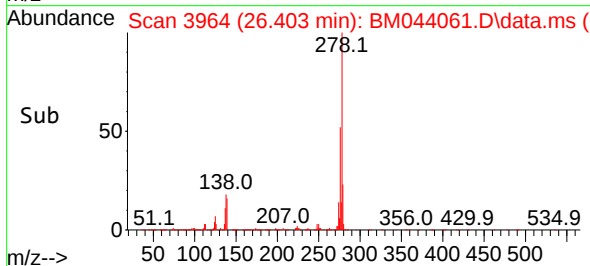
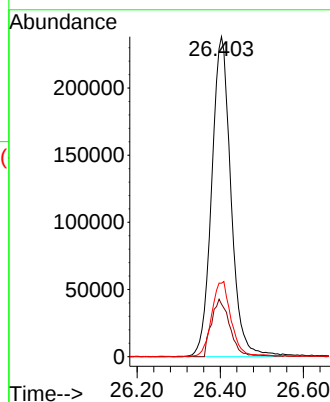
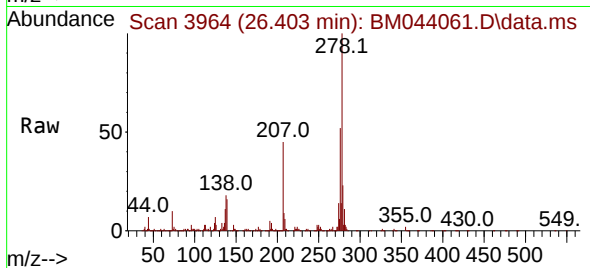
Tgt Ion:	278	Resp:	76587
Ion Ratio	Lower	Upper	
278	100		
139	16.4	14.5	21.7
279	23.0	18.9	28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/14/2024

Supervised By :mohammad ahmed 02/14/2024



#92

Benzo(g,h,i)perylene

Concen: 4.971 ng

RT: 27.132 min Scan# 4088

Delta R.T. -0.018 min

Lab File: BM044061.D

Acq: 12 Feb 2024 17:43

Tgt Ion:	276	Resp:	728979
Ion Ratio	Lower	Upper	
276	100		
277	23.2	19.0	28.4
138	24.6	19.1	28.7

