

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021224\
 Data File : BM044060.D
 Acq On : 12 Feb 2024 17:06
 Operator : MA/JU
 Sample : 04699-09
 Misc : MDL-MDL-WATER-4PPM
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Feb 13 00:46:19 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	442479	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	2276238	20.000	ng	0.00
39) Acenaphthene-d10	14.551	164	1469404	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	2958263	20.000	ng	0.00
76) Chrysene-d12	21.503	240	2294741	20.000	ng	0.00
86) Perylene-d12	23.897	264	2325064	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	4266439	140.238	ng	0.00
7) Phenol-d6	7.075	99	6143280	158.707	ng	0.00
23) Nitrobenzene-d5	9.075	82	3467552	80.836	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	2150207	135.151	ng	0.00
45) 2-Fluorobiphenyl	13.180	172	7937468	76.237	ng	0.00
79) Terphenyl-d14	19.945	244	10165255	77.656	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.387	88	51117	4.234	ng	99
3) Pyridine	3.793	79	124454	3.904	ng	95
4) n-Nitrosodimethylamine	3.711	42	49182	4.066	ng	# 89
6) Aniline	7.240	93	207874	5.462	ng	97
8) 2-Chlorophenol	7.463	128	128609	4.048	ng	99
9) Benzaldehyde	7.051	77	117548m	5.909	ng	
10) Phenol	7.099	94	186052	4.763	ng	90
11) bis(2-Chloroethyl)ether	7.340	93	144125	4.455	ng	99
12) 1,3-Dichlorobenzene	7.793	146	131249	3.639	ng	96
13) 1,4-Dichlorobenzene	7.940	146	138843	3.819	ng	99
14) 1,2-Dichlorobenzene	8.251	146	131327	3.791	ng	99
15) Benzyl Alcohol	8.151	79	123707m	4.908	ng	
16) 2,2'-oxybis(1-Chloropr...	8.445	45	196939	4.802	ng	99
17) 2-Methylphenol	8.345	107	119815	4.672	ng	95
18) Hexachloroethane	8.975	117	48139	3.536	ng	92
19) n-Nitroso-di-n-propyla...	8.722	70	120919	5.087	ng	97
20) 3+4-Methylphenols	8.675	107	159370	4.515	ng	98
22) Acetophenone	8.734	105	237846	4.117	ng	# 97
24) Nitrobenzene	9.116	77	174151	3.965	ng	99
25) Isophorone	9.640	82	322996	3.910	ng	99
26) 2-Nitrophenol	9.822	139	64124	3.149	ng	95
27) 2,4-Dimethylphenol	9.887	122	116059	4.457	ng	99
28) bis(2-Chloroethoxy)met...	10.134	93	217025	4.063	ng	99
29) 2,4-Dichlorophenol	10.351	162	121545	3.545	ng	96
30) 1,2,4-Trichlorobenzene	10.569	180	133431	3.461	ng	94
31) Naphthalene	10.757	128	464809	3.700	ng	99
32) Benzoic acid	9.951	122	52457	2.000	ng	97
33) 4-Chloroaniline	10.875	127	199427	4.192	ng	97
34) Hexachlorobutadiene	11.034	225	73860	3.347	ng	97
35) Caprolactam	11.651	113	37094	3.362	ng	95
36) 4-Chloro-3-methylphenol	11.998	107	134277	3.617	ng	99
37) 2-Methylnaphthalene	12.369	142	324584	3.879	ng	96
38) 1-Methylnaphthalene	12.586	142	321269	3.907	ng	100
40) 1,2,4,5-Tetrachloroben...	12.733	216	157388	3.685	ng	99
41) Hexachlorocyclopentadiene	12.704	237	69684	3.739	ng	99
43) 2,4,6-Trichlorophenol	12.980	196	92984	3.199	ng	96

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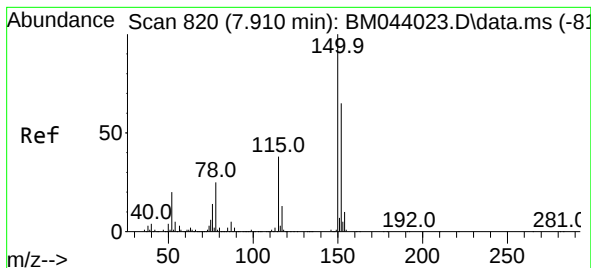
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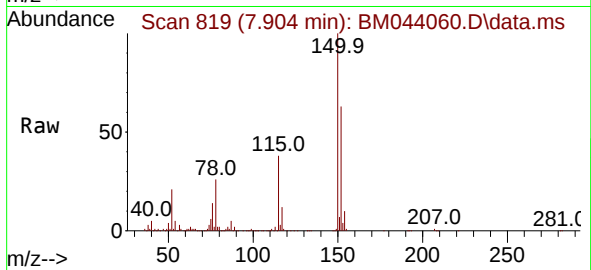
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.045	196	104167	3.266	ng	97
46) 1,1'-Biphenyl	13.386	154	438733	3.784	ng	99
47) 2-Chloronaphthalene	13.428	162	330926	3.603	ng	100
48) 2-Nitroaniline	13.633	65	83841	3.245	ng	# 83
49) Acenaphthylene	14.269	152	546927	3.991	ng	100
50) Dimethylphthalate	14.016	163	412164	3.783	ng	100
51) 2,6-Dinitrotoluene	14.139	165	78670	3.273	ng	90
52) Acenaphthene	14.610	154	316649	3.734	ng	99
53) 3-Nitroaniline	14.463	138	79068	3.061	ng	89
54) 2,4-Dinitrophenol	14.669	184	24404	7.161	ng	94
55) Dibenzofuran	14.945	168	519021	3.954	ng	100
56) 4-Nitrophenol	14.769	139	51309	2.443	ng	88
57) 2,4-Dinitrotoluene	14.922	165	94015	2.993	ng	92
58) Fluorene	15.598	166	399721	3.941	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.169	232	89091	3.559	ng	99
60) Diethylphthalate	15.380	149	409332	3.635	ng	98
61) 4-Chlorophenyl-phenyle...	15.598	204	194908	3.966	ng	99
62) 4-Nitroaniline	15.627	138	72643	2.794	ng	98
63) Azobenzene	15.892	77	389520	3.687	ng	97
65) 4,6-Dinitro-2-methylph...	15.680	198	39695	2.252	ng	93
66) n-Nitrosodiphenylamine	15.816	169	334653	3.723	ng	100
67) 4-Bromophenyl-phenylether	16.498	248	96656	3.305	ng	98
68) Hexachlorobenzene	16.592	284	130629	3.646	ng	99
69) Atrazine	16.774	200	104705	4.302	ng	98
70) Pentachlorophenol	16.945	266	58976	2.530	ng	99
71) Phenanthrene	17.345	178	612934	3.924	ng	98
72) Anthracene	17.433	178	583396	3.772	ng	99
73) Carbazole	17.710	167	534944	3.557	ng	99
74) Di-n-butylphthalate	18.286	149	616301	3.152	ng	99
75) Fluoranthene	19.362	202	626727	3.572	ng	99
77) Benzidine	19.562	184	110502	3.099	ng	99
78) Pyrene	19.727	202	649720	3.676	ng	99
80) Butylbenzylphthalate	20.651	149	220722	2.810	ng	99
81) Benzo(a)anthracene	21.486	228	590515	3.699	ng	100
82) 3,3'-Dichlorobenzidine	21.427	252	167986	3.208	ng	96
83) Chrysene	21.539	228	544402	3.610	ng	99
84) Bis(2-ethylhexyl)phtha...	21.433	149	343655	2.965	ng	99
85) Di-n-octyl phthalate	22.374	149	500917	2.475	ng	97
87) Indeno(1,2,3-cd)pyrene	26.374	276	544775	3.310	ng	100
88) Benzo(b)fluoranthene	23.168	252	524146	3.606	ng	99
89) Benzo(k)fluoranthene	23.215	252	500516	3.624	ng	98
90) Benzo(a)pyrene	23.786	252	428361	3.374	ng	99
91) Dibenzo(a,h)anthracene	26.403	278	464306	3.373	ng	98
92) Benzo(g,h,i)perylene	27.133	276	444511	3.184	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# 81
Delta R.T. -0.006 min
Lab File: BM044060.D
Acq: 12 Feb 2024 17:06

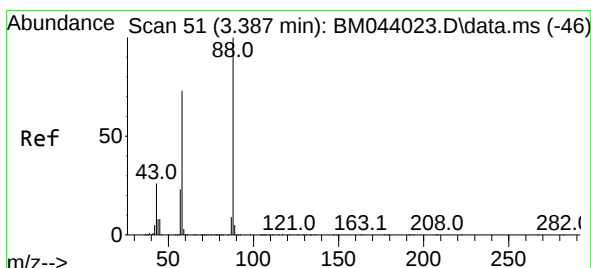
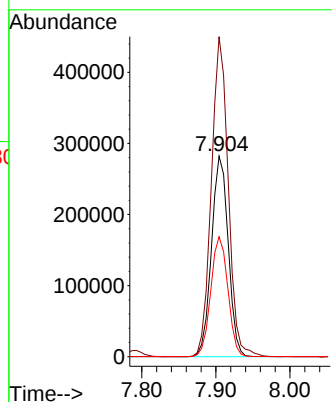
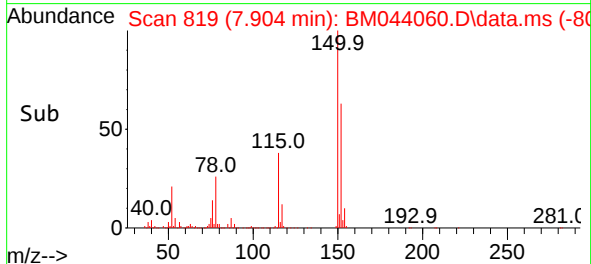
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion: 152 Resp: 442479
Ion Ratio Lower Upper
152 100
150 159.6 122.7 184.1
115 59.9 47.0 70.6

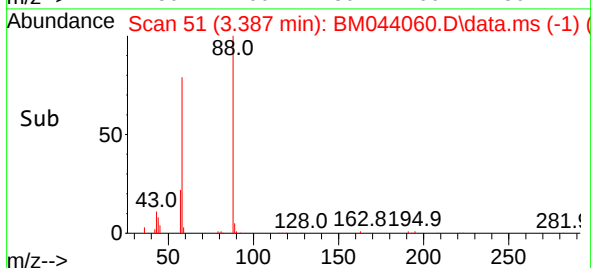
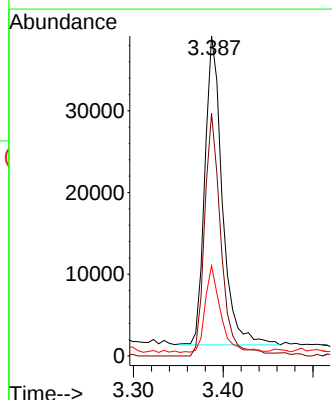
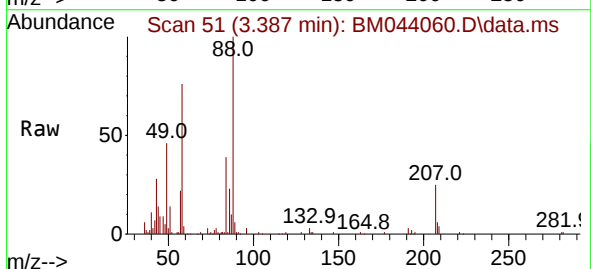
Manual Integrations
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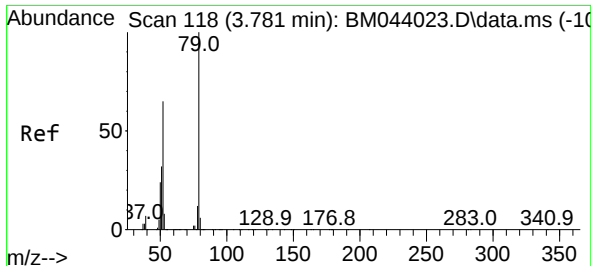
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#2
1,4-Dioxane
Concen: 4.234 ng
RT: 3.387 min Scan# 51
Delta R.T. 0.000 min
Lab File: BM044060.D
Acq: 12 Feb 2024 17:06

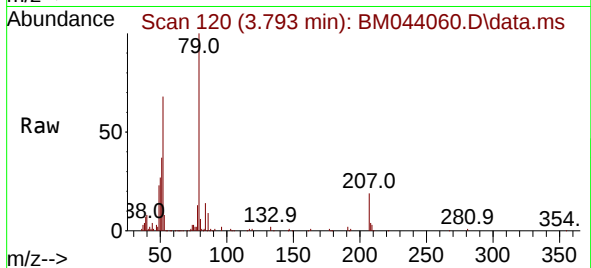
Tgt Ion: 88 Resp: 51117
Ion Ratio Lower Upper
88 100
58 73.4 58.1 87.1
43 24.9 21.1 31.7





#3
Pyridine
Concen: 3.904 ng
RT: 3.793 min Scan# 118
Delta R.T. 0.012 min
Lab File: BM044060.D
Acq: 12 Feb 2024 17:06

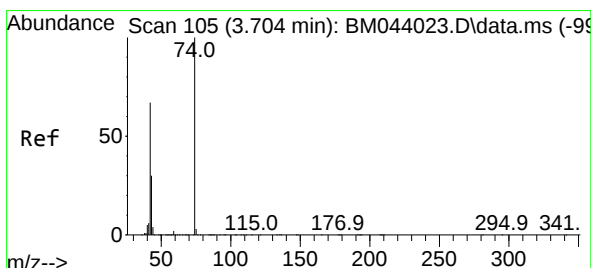
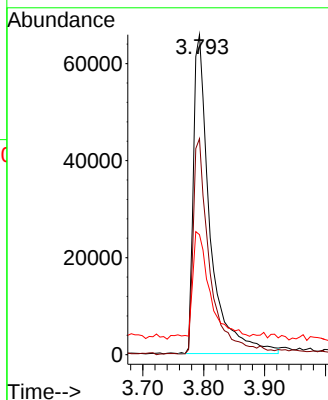
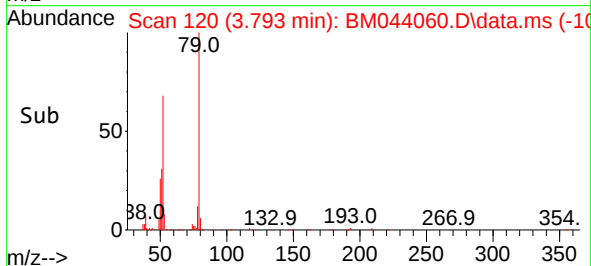
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023



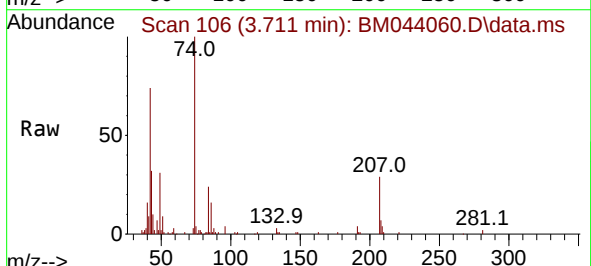
Tgt Ion: 79 Resp: 124454
Ion Ratio Lower Upper
79 100
52 67.5 52.2 78.2
51 37.5 26.2 39.4

Manual Integrations
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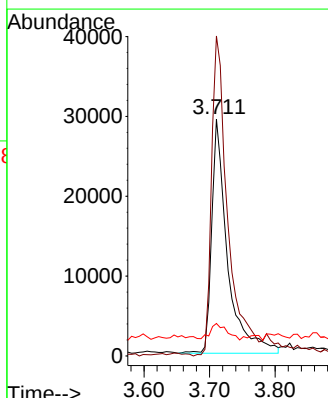
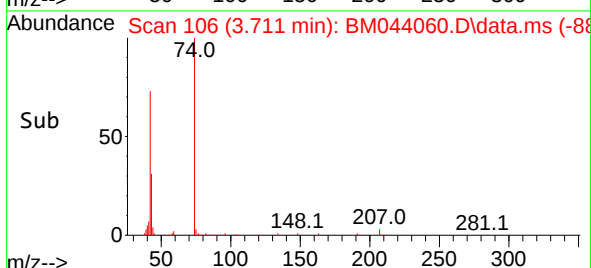
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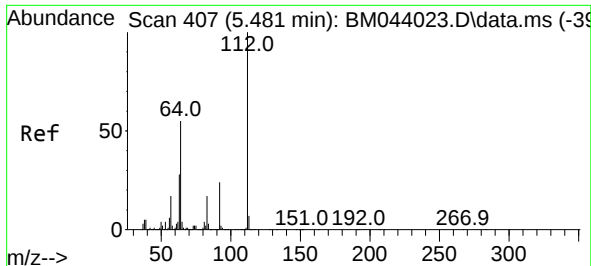


#4
n-Nitrosodimethylamine
Concen: 4.066 ng
RT: 3.711 min Scan# 106
Delta R.T. 0.006 min
Lab File: BM044060.D
Acq: 12 Feb 2024 17:06



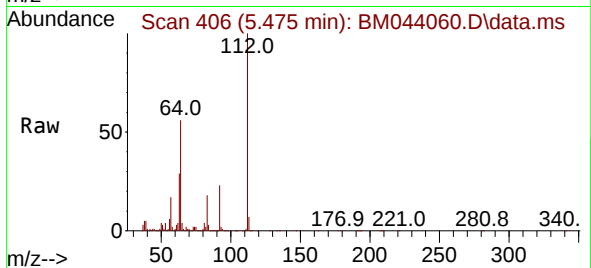
Tgt Ion: 42 Resp: 49182
Ion Ratio Lower Upper
42 100
74 135.2 118.6 178.0
44 13.7 5.6 8.4





#5
2-Fluorophenol
Concen: 140.238 ng
RT: 5.475 min Scan# 407
Delta R.T. -0.006 min
Lab File: BM044060.D
Acq: 12 Feb 2024 17:06

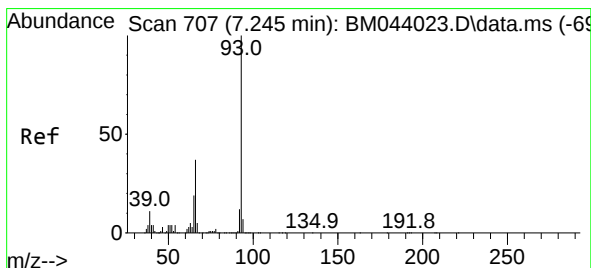
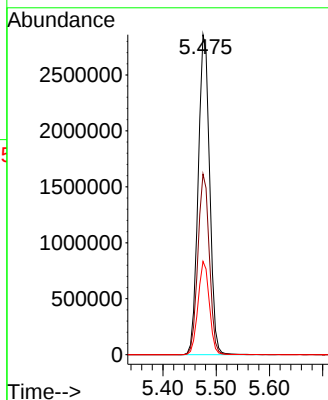
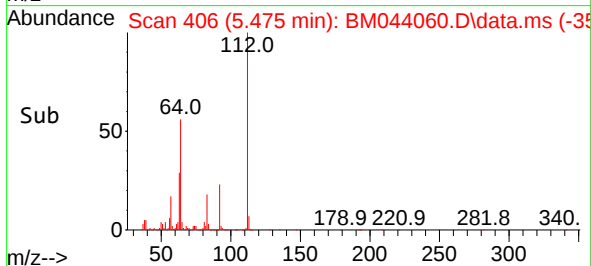
Instrument :
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ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion:112 Resp: 4266439
Ion Ratio Lower Upper
112 100
64 56.5 44.2 66.4
63 29.2 22.6 34.0

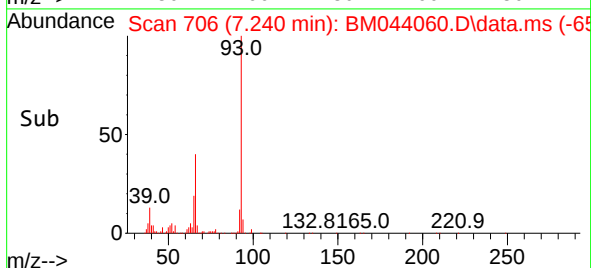
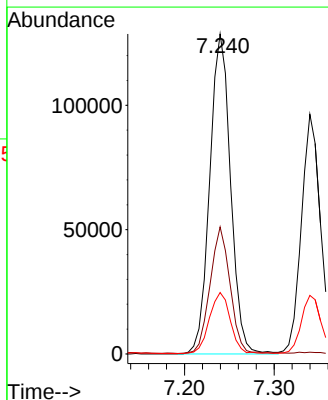
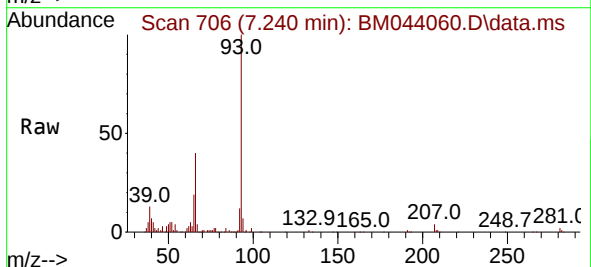
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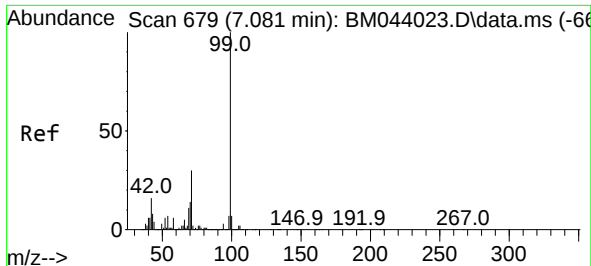
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#6
Aniline
Concen: 5.462 ng
RT: 7.240 min Scan# 706
Delta R.T. -0.006 min
Lab File: BM044060.D
Acq: 12 Feb 2024 17:06

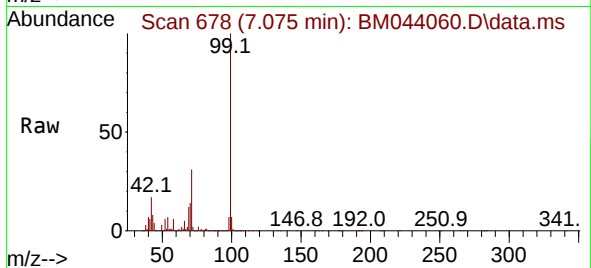
Tgt Ion: 93 Resp: 207874
Ion Ratio Lower Upper
93 100
66 39.7 29.4 44.0
65 19.2 15.2 22.8





#7
Phenol-d6
Concen: 158.707 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM044060.D
Acq: 12 Feb 2024 17:06

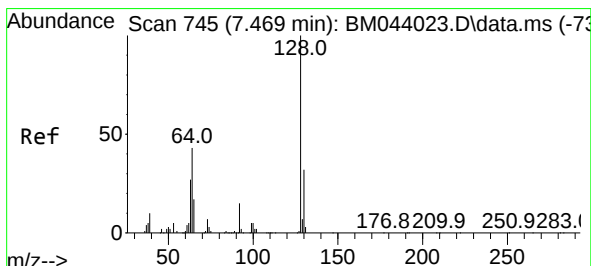
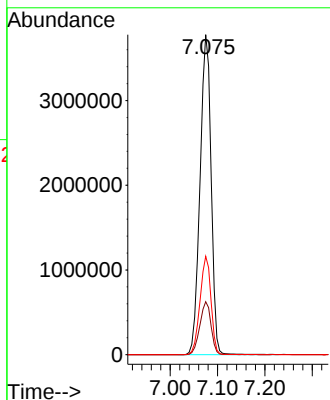
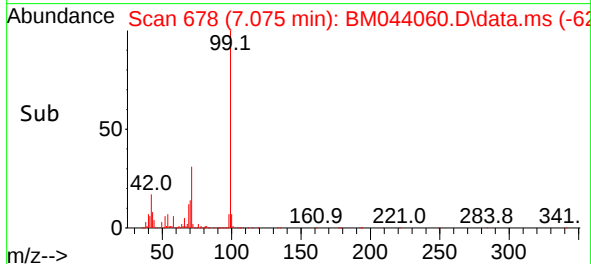
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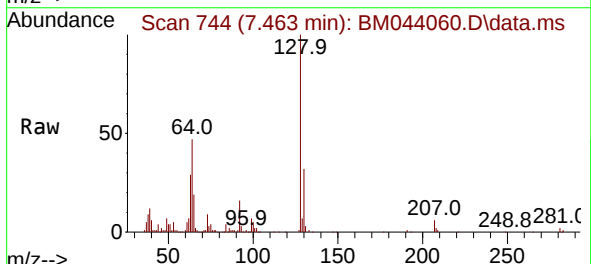
Tgt Ion: 99 Resp: 6143280
Ion Ratio Lower Upper
99 100
42 16.5 12.9 19.3
71 30.8 23.9 35.9

Manual Integrations
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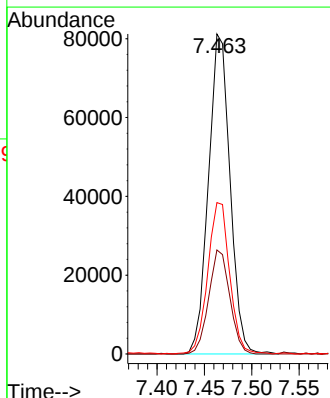
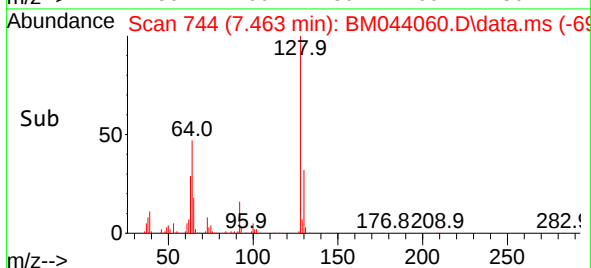
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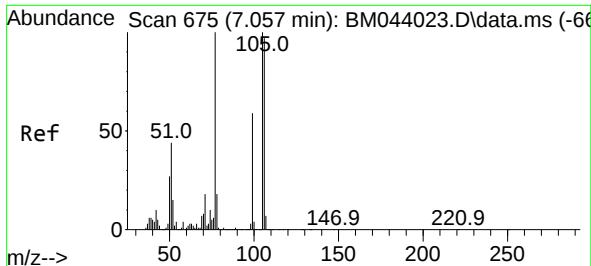


#8
2-Chlorophenol
Concen: 4.048 ng
RT: 7.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BM044060.D
Acq: 12 Feb 2024 17:06



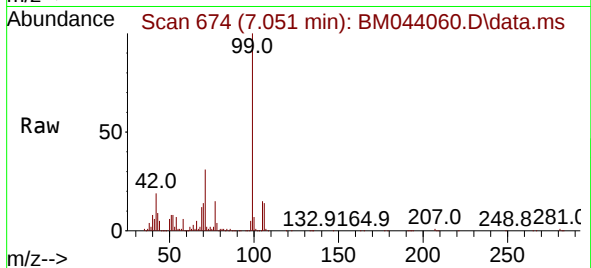
Tgt Ion:128 Resp: 128609
Ion Ratio Lower Upper
128 100
130 32.5 12.1 52.1
64 47.3 26.0 66.0





#9
Benzaldehyde
Concen: 5.909 ng m
RT: 7.051 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM044060.D
Acq: 12 Feb 2024 17:06

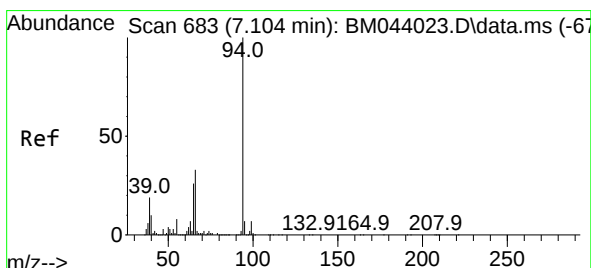
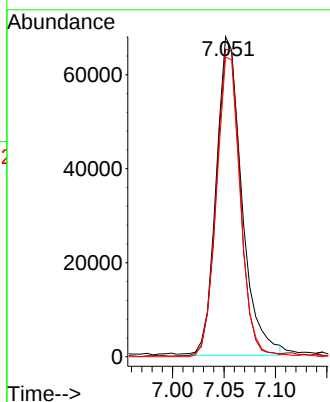
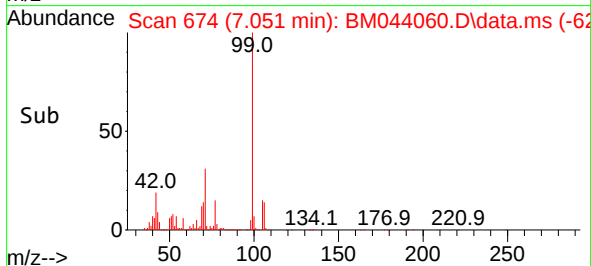
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion: 77 Resp: 117548
Ion Ratio Lower Upper
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106 93.6 76.8 116.8

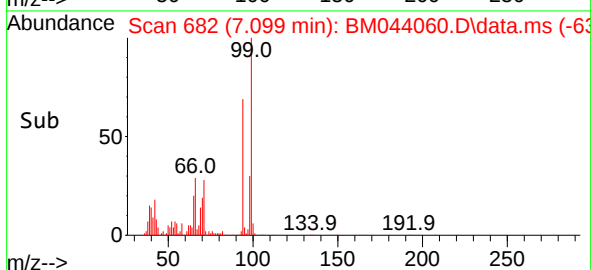
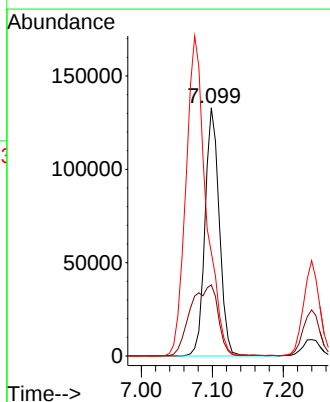
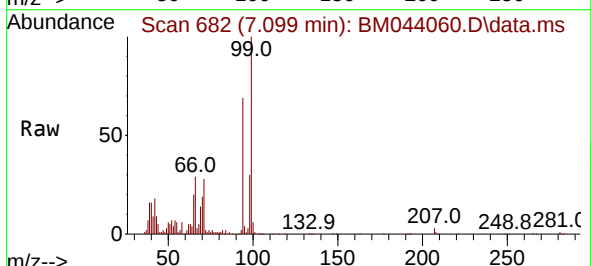
Manual Integrations
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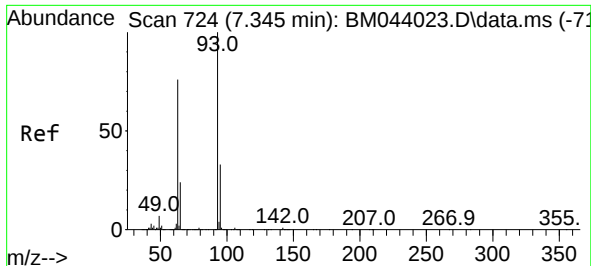
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#10
Phenol
Concen: 4.763 ng
RT: 7.099 min Scan# 682
Delta R.T. -0.006 min
Lab File: BM044060.D
Acq: 12 Feb 2024 17:06

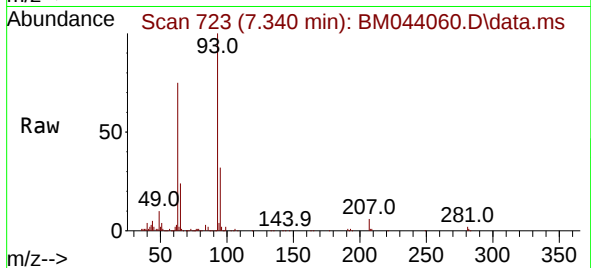
Tgt Ion: 94 Resp: 186052
Ion Ratio Lower Upper
94 100
65 28.6 6.4 46.4
66 41.7 13.2 53.2





#11
bis(2-Chloroethyl)ether
Concen: 4.455 ng
RT: 7.340 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM044060.D
Acq: 12 Feb 2024 17:06

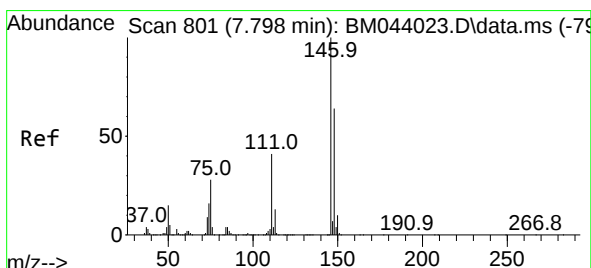
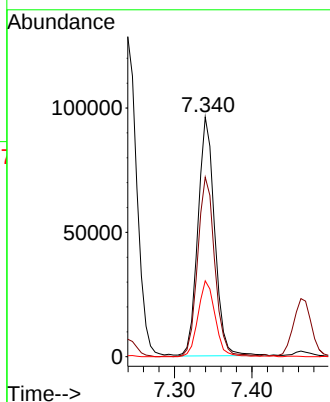
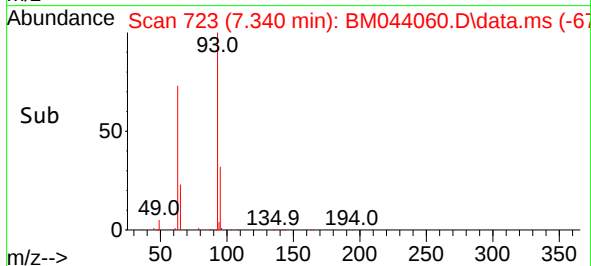
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion: 93 Resp: 144125
Ion Ratio Lower Upper
93 100
63 74.9 55.9 95.9
95 31.7 13.0 53.0

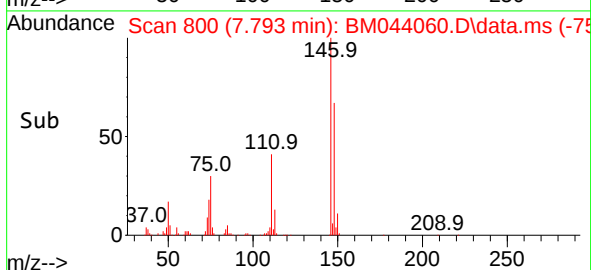
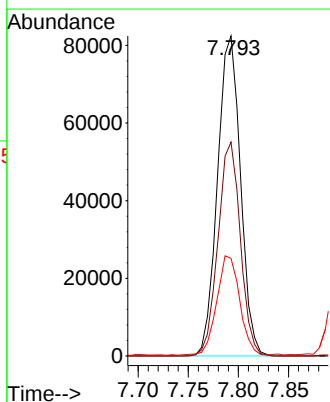
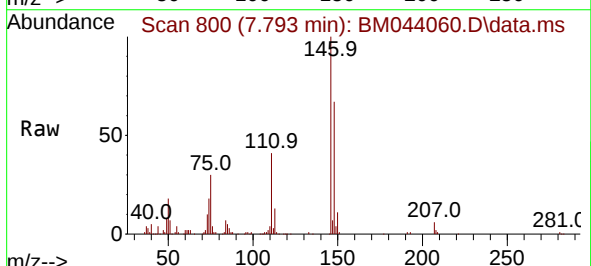
Manual Integrations
APPROVED

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



#12
1,3-Dichlorobenzene
Concen: 3.639 ng
RT: 7.793 min Scan# 800
Delta R.T. -0.006 min
Lab File: BM044060.D
Acq: 12 Feb 2024 17:06

Tgt Ion:146 Resp: 131249
Ion Ratio Lower Upper
146 100
148 66.8 51.3 76.9
75 30.5 22.7 34.1





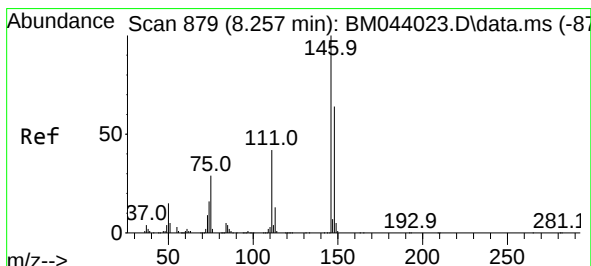
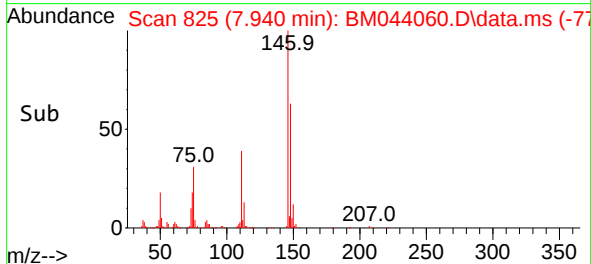
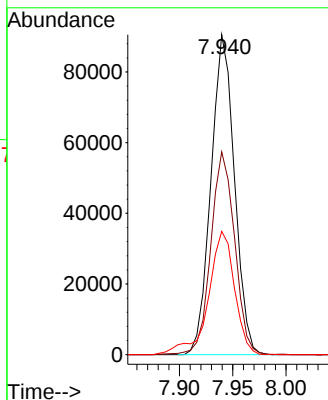
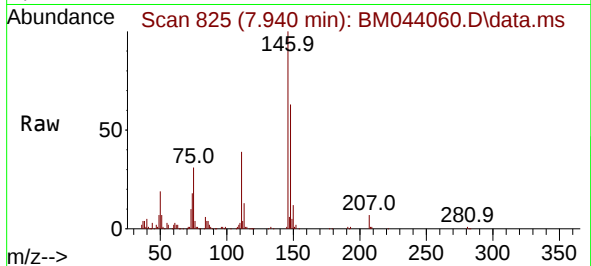
#13
1,4-Dichlorobenzene
Concen: 3.819 ng
RT: 7.940 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM044060.D
Acq: 12 Feb 2024 17:06

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

Tgt Ion:146 Resp: 13884
Ion Ratio Lower Upper
146 100
148 63.4 51.2 76.8
111 38.6 31.2 46.8

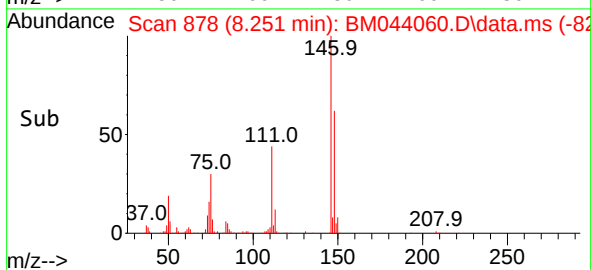
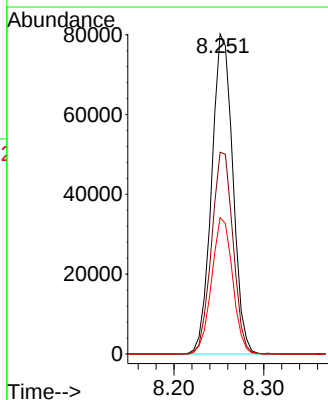
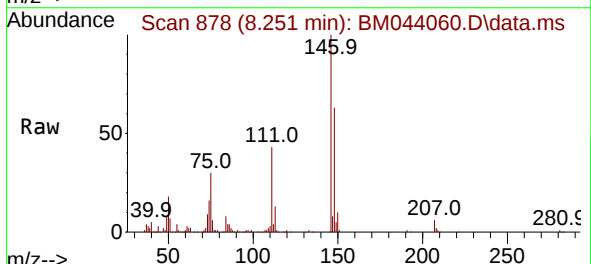
Manual Integrations
APPROVED

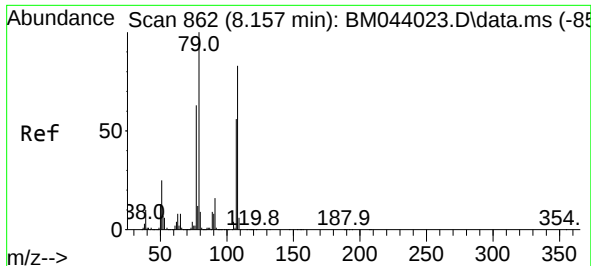
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#14
1,2-Dichlorobenzene
Concen: 3.791 ng
RT: 8.251 min Scan# 878
Delta R.T. -0.006 min
Lab File: BM044060.D
Acq: 12 Feb 2024 17:06

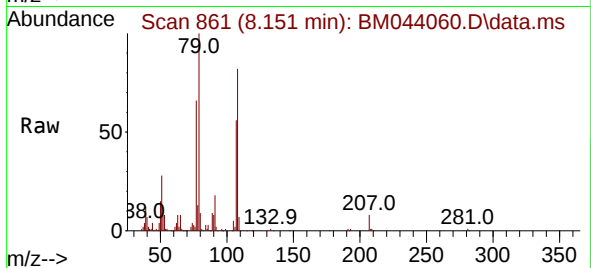
Tgt Ion:146 Resp: 131327
Ion Ratio Lower Upper
146 100
148 63.0 51.4 77.2
111 42.6 33.7 50.5





#15
Benzyl Alcohol
Concen: 4.908 ng m
RT: 8.151 min Scan# 861
Delta R.T. -0.006 min
Lab File: BM044060.D
Acq: 12 Feb 2024 17:06

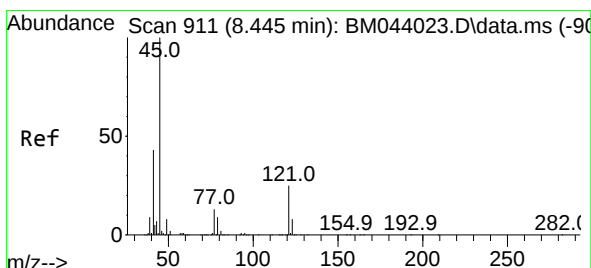
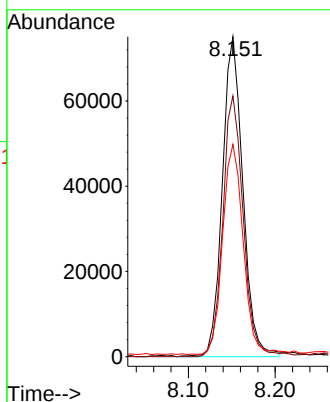
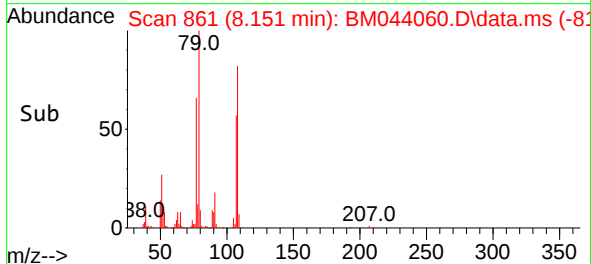
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion: 79 Resp: 12370
Ion Ratio Lower Upper
79 100
108 81.5 66.0 99.0
77 66.3 50.4 75.6

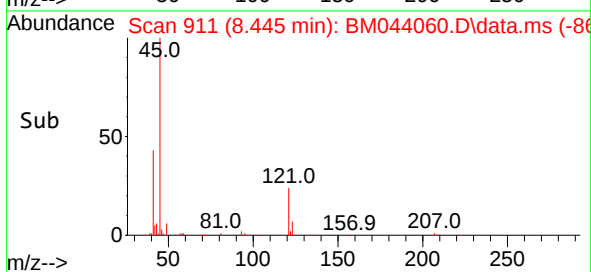
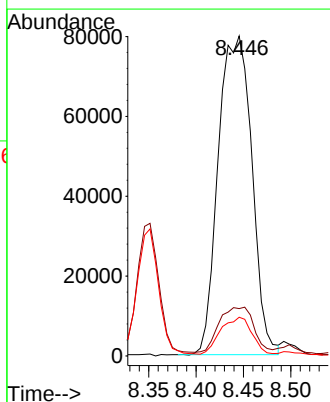
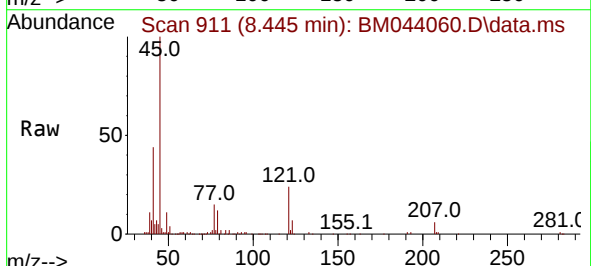
Manual Integrations
APPROVED

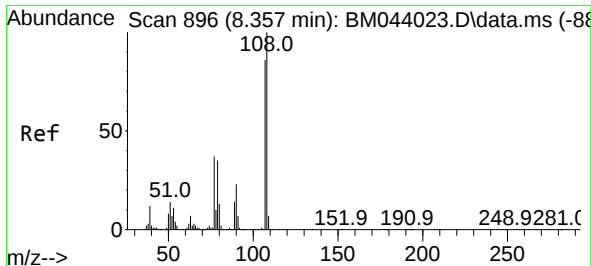
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.802 ng
RT: 8.445 min Scan# 911
Delta R.T. 0.000 min
Lab File: BM044060.D
Acq: 12 Feb 2024 17:06

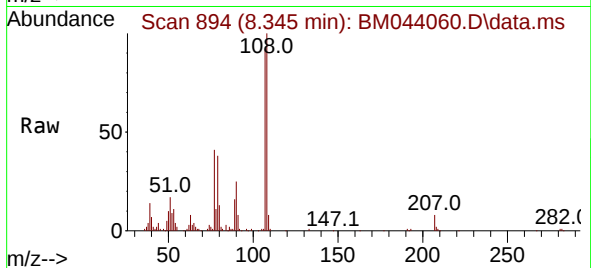
Tgt Ion: 45 Resp: 196939
Ion Ratio Lower Upper
45 100
77 14.8 0.0 35.1
79 12.1 0.0 31.5





#17
2-Methylphenol
Concen: 4.672 ng
RT: 8.345 min Scan# 896
Delta R.T. -0.012 min
Lab File: BM044060.D
Acq: 12 Feb 2024 17:06

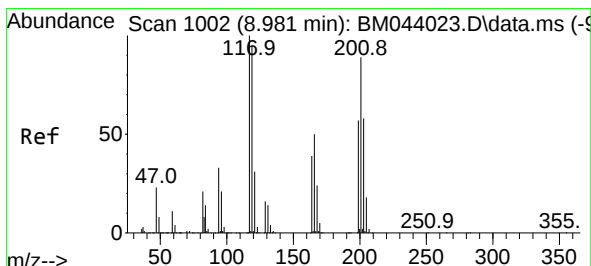
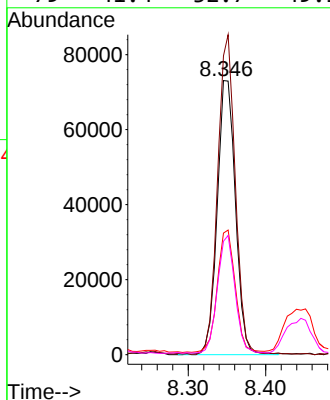
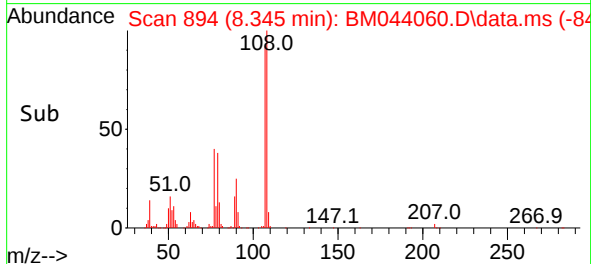
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion:107 Resp: 11981
Ion Ratio Lower Upper
107 100
108 109.1 93.4 140.2
77 44.4 34.7 52.1
79 41.4 32.7 49.1

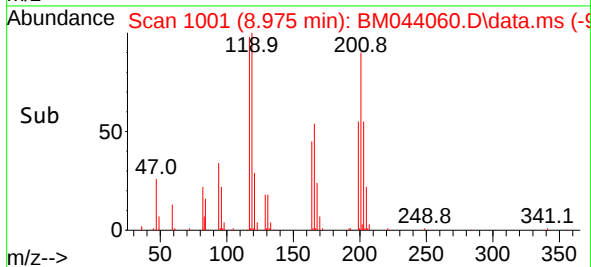
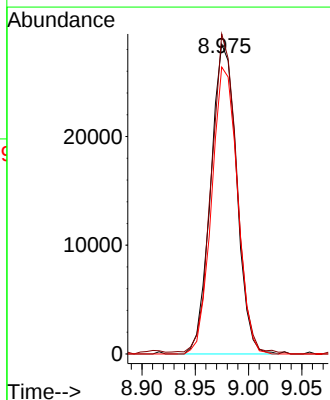
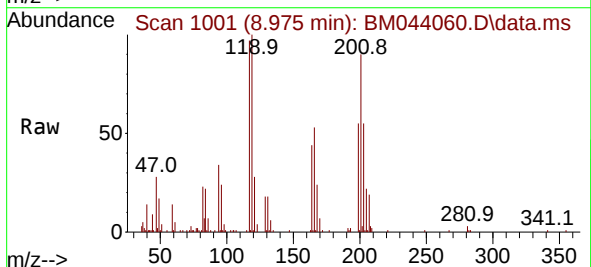
Manual Integrations
APPROVED

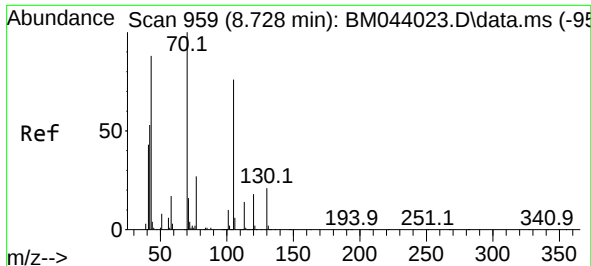
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#18
Hexachloroethane
Concen: 3.536 ng
RT: 8.975 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BM044060.D
Acq: 12 Feb 2024 17:06

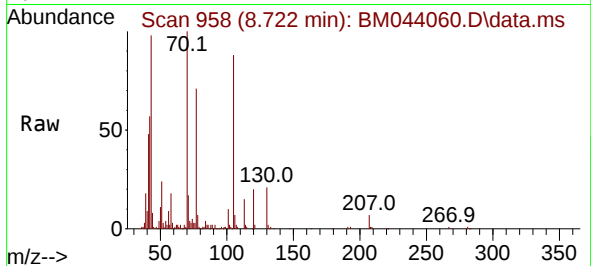
Tgt Ion:117 Resp: 48139
Ion Ratio Lower Upper
117 100
119 103.2 75.7 113.5
201 95.1 71.5 107.3





#19
n-Nitroso-di-n-propylamine
Concen: 5.087 ng
RT: 8.722 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM044060.D
Acq: 12 Feb 2024 17:06

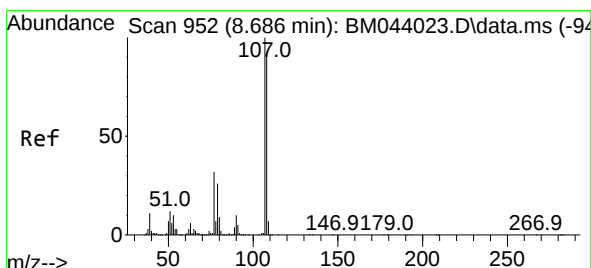
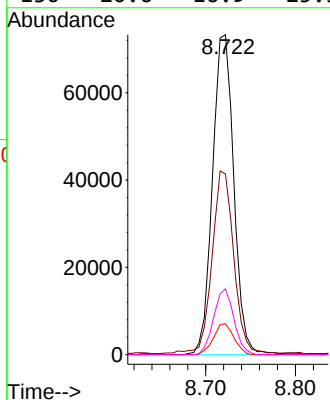
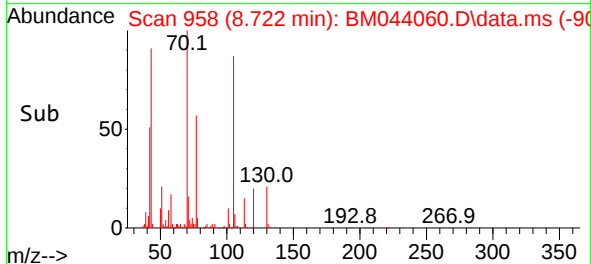
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023



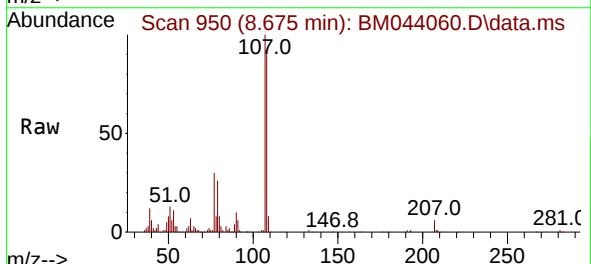
Tgt Ion: 70 Resp: 120919
Ion Ratio Lower Upper
70 100
42 56.5 42.6 64.0
101 9.7 7.8 11.6
130 20.6 16.9 25.3

Manual Integrations
APPROVED

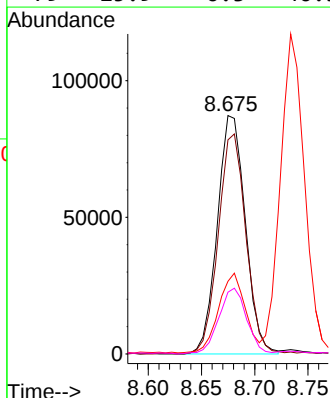
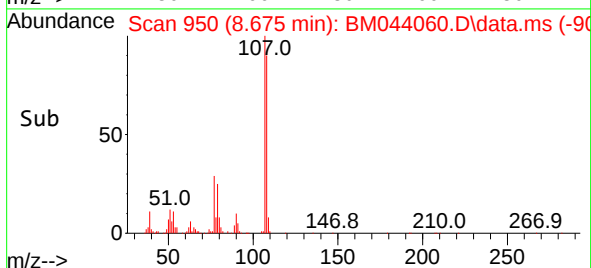
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024

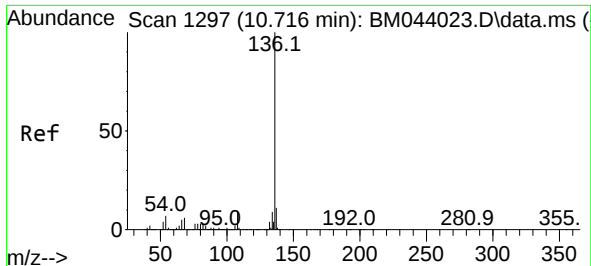


#20
3+4-Methylphenols
Concen: 4.515 ng
RT: 8.675 min Scan# 950
Delta R.T. -0.012 min
Lab File: BM044060.D
Acq: 12 Feb 2024 17:06



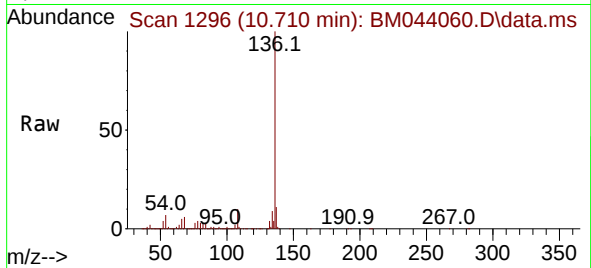
Tgt Ion:107 Resp: 159370
Ion Ratio Lower Upper
107 100
108 89.8 71.5 111.5
77 30.4 11.8 51.8
79 25.9 6.3 46.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BM044060.D
Acq: 12 Feb 2024 17:06

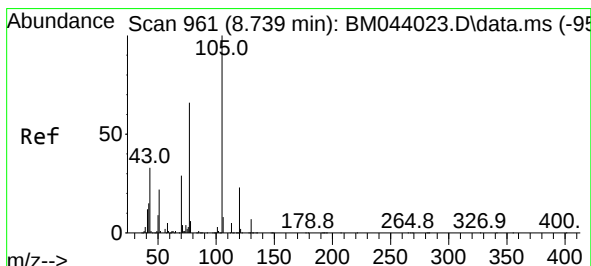
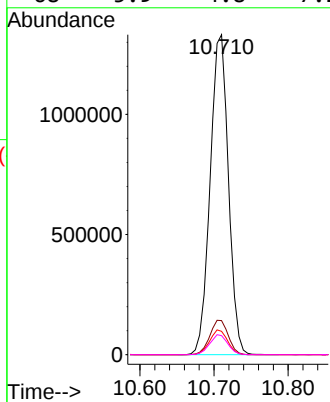
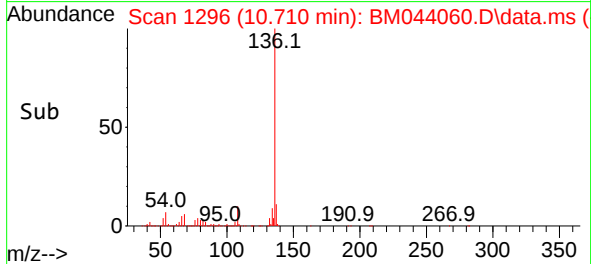
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion:136 Resp: 2276238
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 7.3 5.9 8.9
68 5.9 4.8 7.2

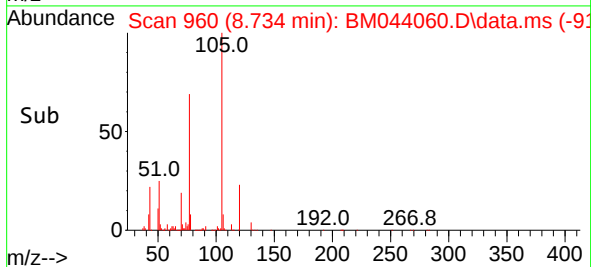
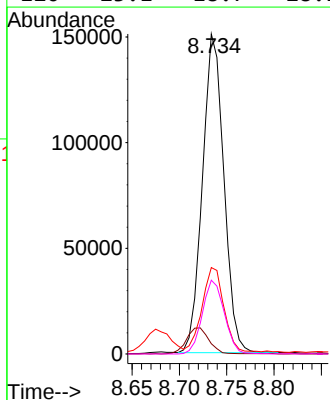
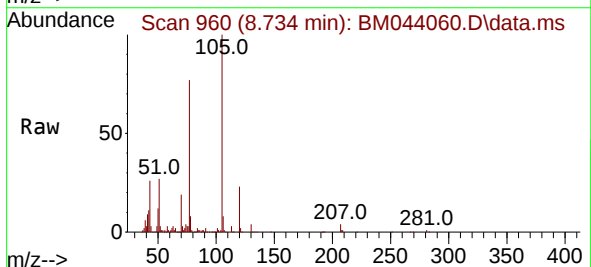
Manual Integrations
APPROVED

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



#22
Acetophenone
Concen: 4.117 ng
RT: 8.734 min Scan# 960
Delta R.T. -0.006 min
Lab File: BM044060.D
Acq: 12 Feb 2024 17:06

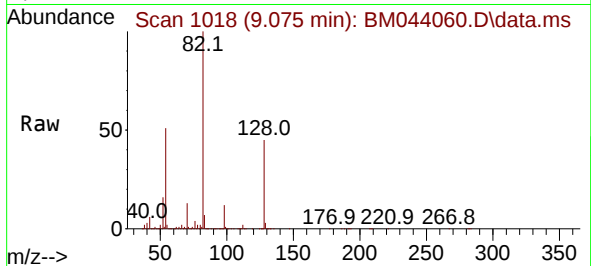
Tgt Ion:105 Resp: 237846
Ion Ratio Lower Upper
105 100
71 3.2 4.0 6.0#
51 27.0 20.1 30.1
120 23.1 18.7 28.1





#23
Nitrobenzene-d5
Concen: 80.836 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BM044060.D
Acq: 12 Feb 2024 17:06

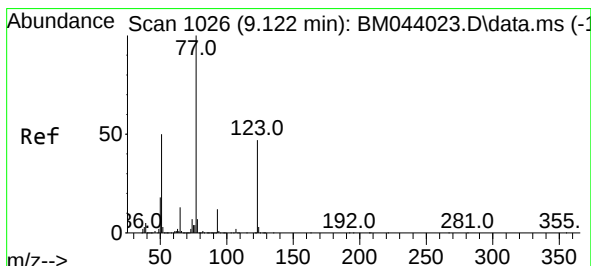
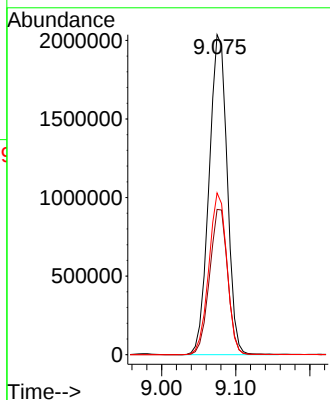
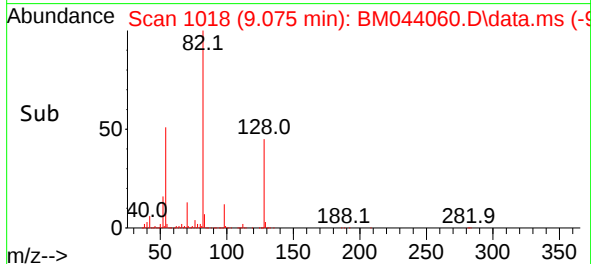
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion: 82 Resp: 346755
Ion Ratio Lower Upper
82 100
128 45.4 37.1 55.7
54 50.6 38.9 58.3

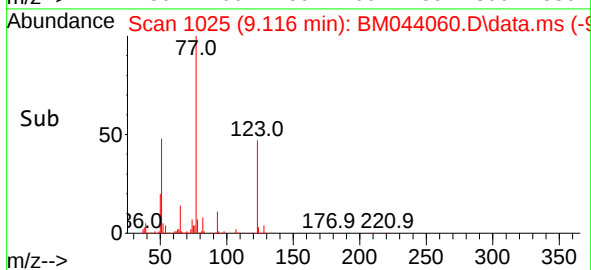
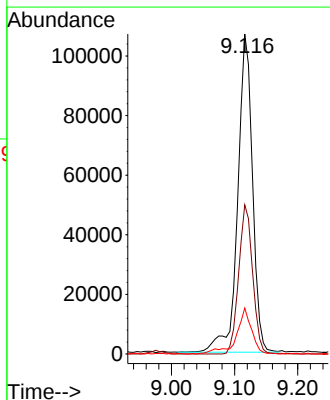
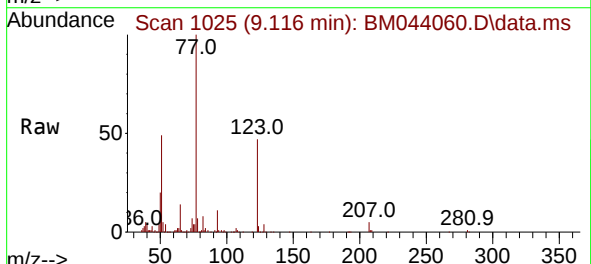
Manual Integrations
APPROVED

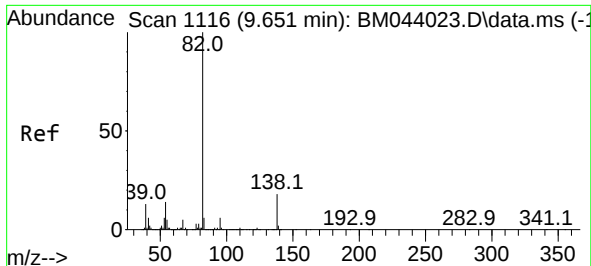
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#24
Nitrobenzene
Concen: 3.965 ng
RT: 9.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BM044060.D
Acq: 12 Feb 2024 17:06

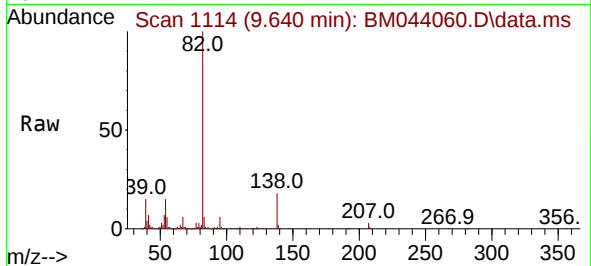
Tgt Ion: 77 Resp: 174151
Ion Ratio Lower Upper
77 100
123 46.6 37.8 56.8
65 14.3 10.5 15.7





#25
Isophorone
Concen: 3.910 ng
RT: 9.640 min Scan# 1114
Delta R.T. -0.012 min
Lab File: BM044060.D
Acq: 12 Feb 2024 17:06

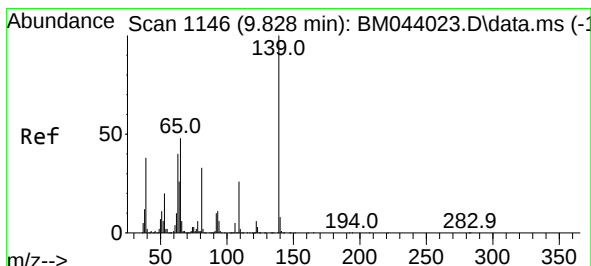
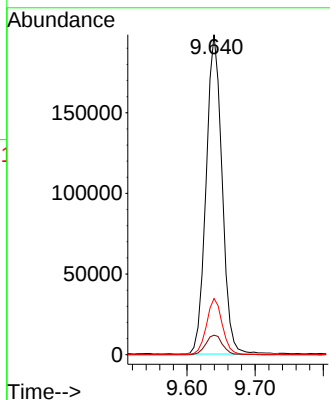
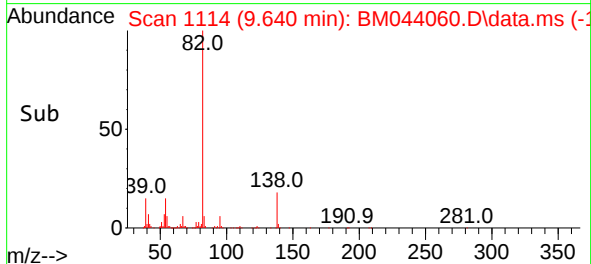
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion: 82 Resp: 322990
Ion Ratio Lower Upper
82 100
95 6.1 5.2 7.8
138 17.5 14.3 21.5

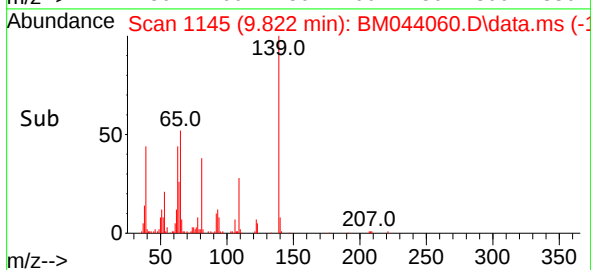
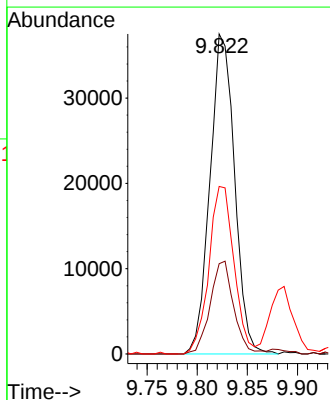
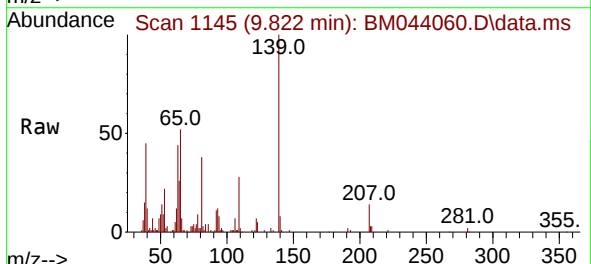
Manual Integrations
APPROVED

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



#26
2-Nitrophenol
Concen: 3.149 ng
RT: 9.822 min Scan# 1145
Delta R.T. -0.006 min
Lab File: BM044060.D
Acq: 12 Feb 2024 17:06

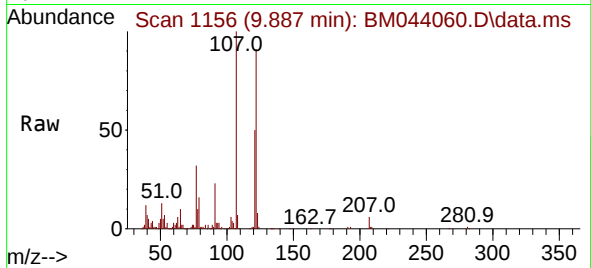
Tgt Ion:139 Resp: 64124
Ion Ratio Lower Upper
139 100
109 28.2 21.2 31.8
65 52.3 38.5 57.7





#27
2,4-Dimethylphenol
Concen: 4.457 ng
RT: 9.887 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BM044060.D
Acq: 12 Feb 2024 17:06

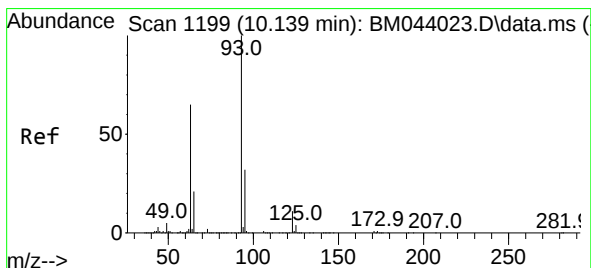
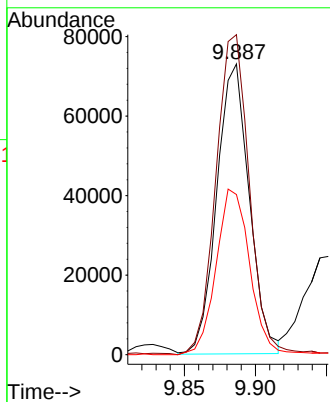
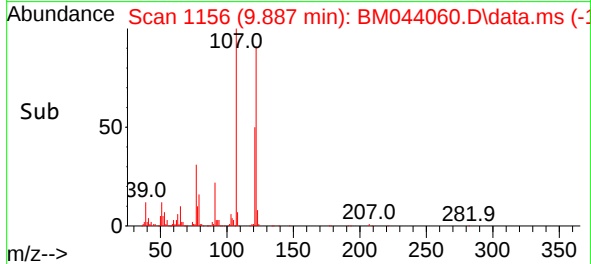
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion:122 Resp: 116059
Ion Ratio Lower Upper
122 100
107 110.1 87.8 131.8
121 55.1 44.7 67.1

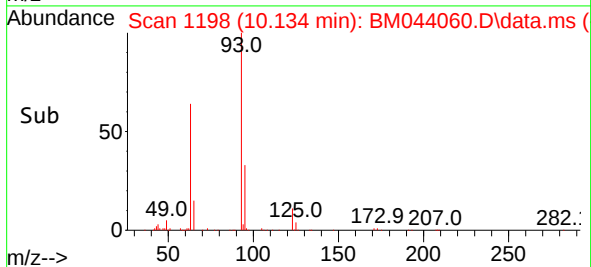
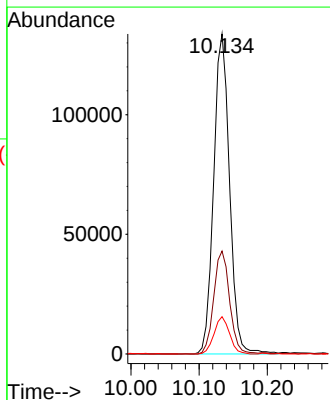
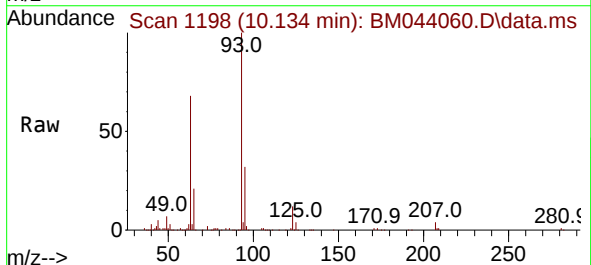
Manual Integrations
APPROVED

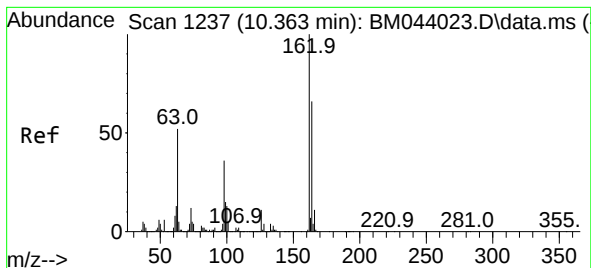
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#28
bis(2-Chloroethoxy)methane
Concen: 4.063 ng
RT: 10.134 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BM044060.D
Acq: 12 Feb 2024 17:06

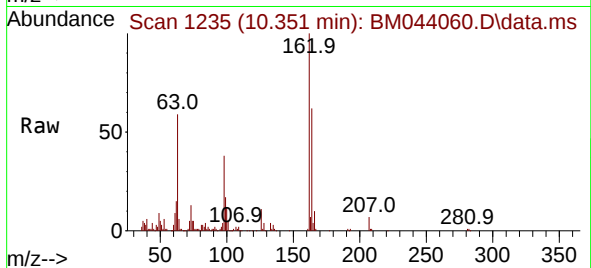
Tgt Ion: 93 Resp: 217025
Ion Ratio Lower Upper
93 100
95 32.2 26.0 39.0
123 11.7 9.2 13.8





#29
2,4-Dichlorophenol
Concen: 3.545 ng
RT: 10.351 min Scan# 1235
Delta R.T. -0.012 min
Lab File: BM044060.D
Acq: 12 Feb 2024 17:06

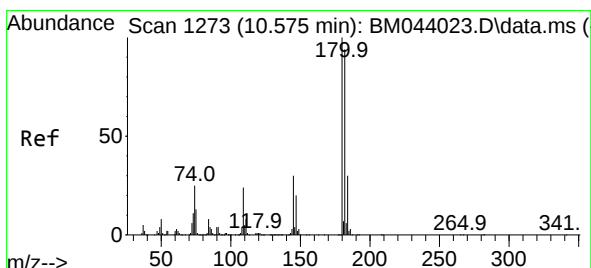
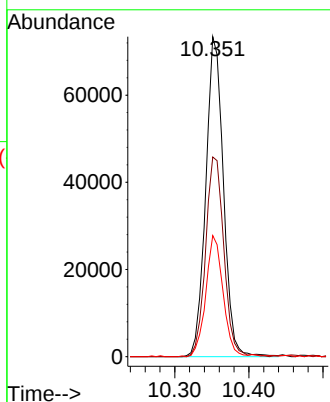
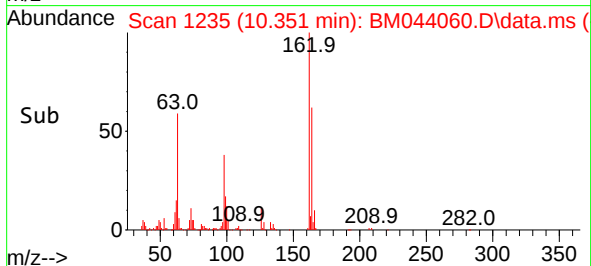
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023



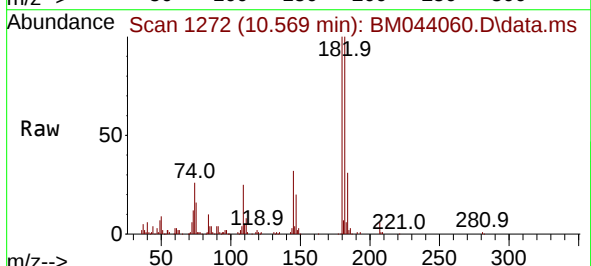
Tgt Ion:162 Resp: 121549
Ion Ratio Lower Upper
162 100
164 62.4 46.1 86.1
98 37.8 15.9 55.9

Manual Integrations
APPROVED

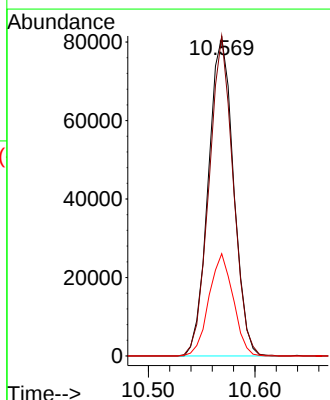
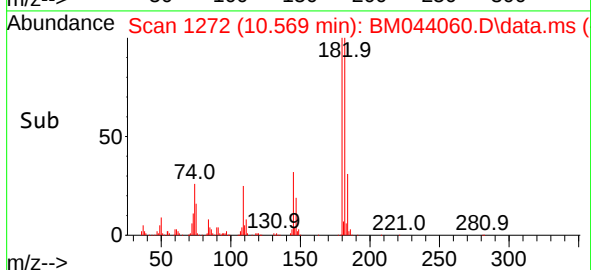
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024

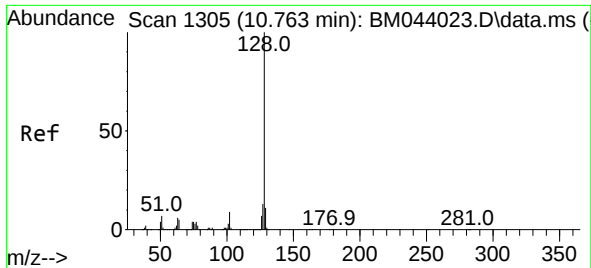


#30
1,2,4-Trichlorobenzene
Concen: 3.461 ng
RT: 10.569 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BM044060.D
Acq: 12 Feb 2024 17:06



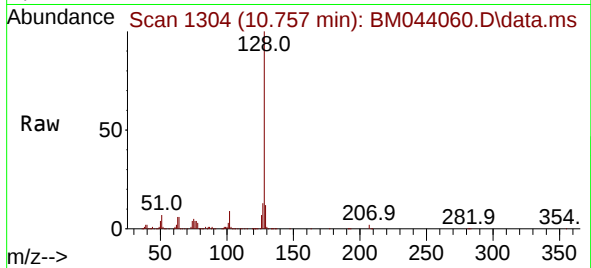
Tgt Ion:180 Resp: 133431
Ion Ratio Lower Upper
180 100
182 100.4 75.2 112.8
145 32.1 24.3 36.5





#31
Naphthalene
Concen: 3.700 ng
RT: 10.757 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BM044060.D
Acq: 12 Feb 2024 17:06

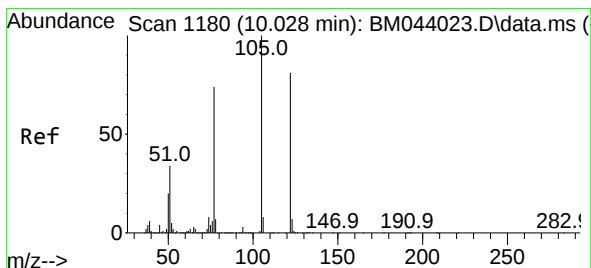
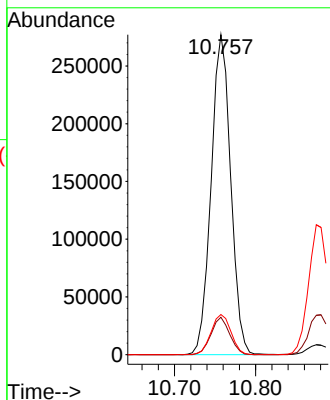
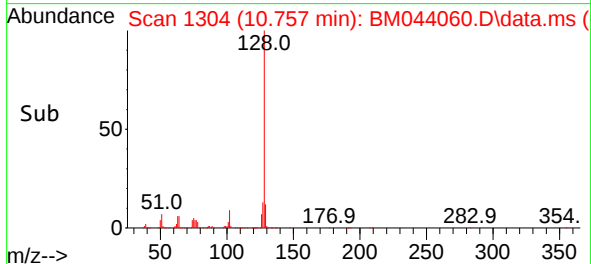
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion:128 Resp: 464809
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.4
127 12.6 10.3 15.5

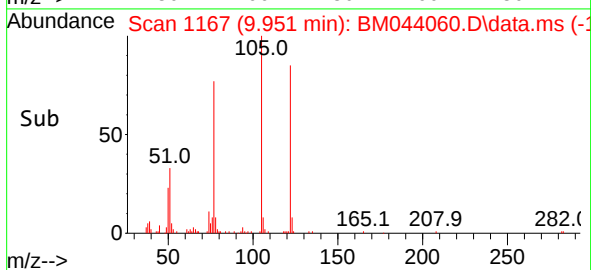
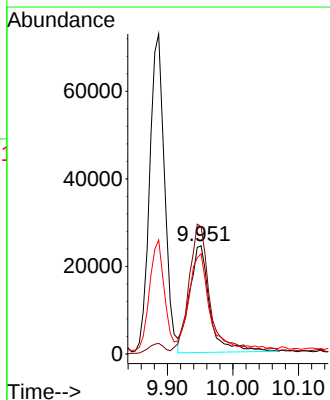
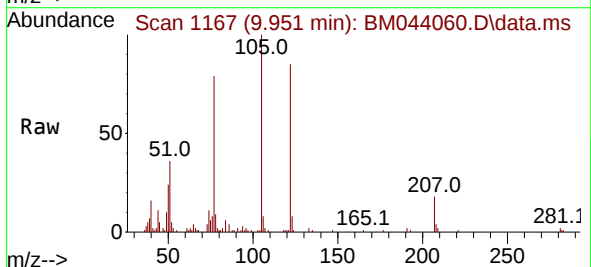
Manual Integrations
APPROVED

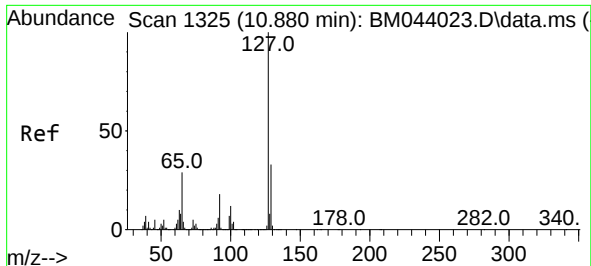
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#32
Benzoic acid
Concen: 2.000 ng
RT: 9.951 min Scan# 1167
Delta R.T. -0.077 min
Lab File: BM044060.D
Acq: 12 Feb 2024 17:06

Tgt Ion:122 Resp: 52457
Ion Ratio Lower Upper
122 100
105 117.7 100.1 140.1
77 92.6 69.6 109.6





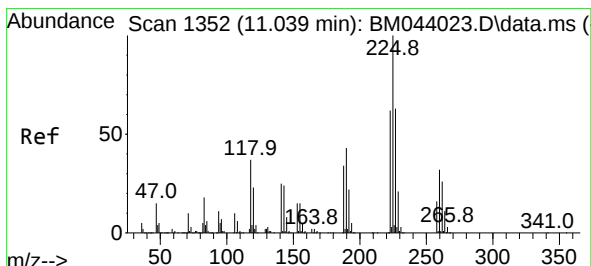
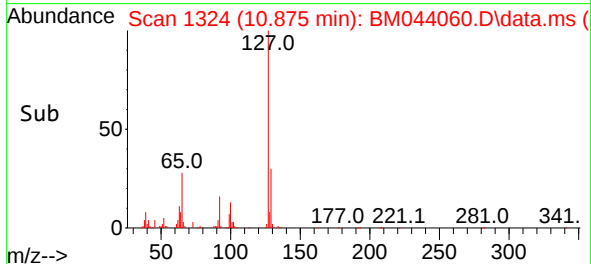
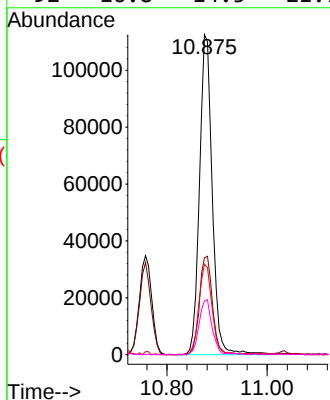
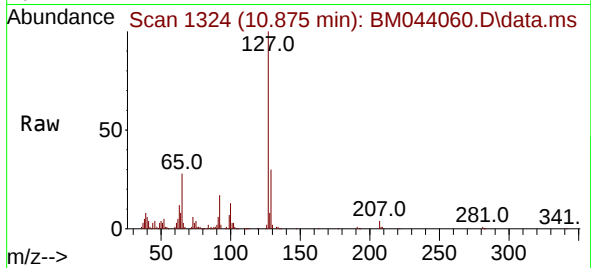
#33
4-Chloroaniline
Concen: 4.192 ng
RT: 10.875 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BM044060.D
Acq: 12 Feb 2024 17:06

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

Tgt Ion:127 Resp: 19942
Ion Ratio Lower Upper
127 100
129 30.3 26.0 39.0
65 28.3 23.0 34.6
92 16.8 14.5 21.7

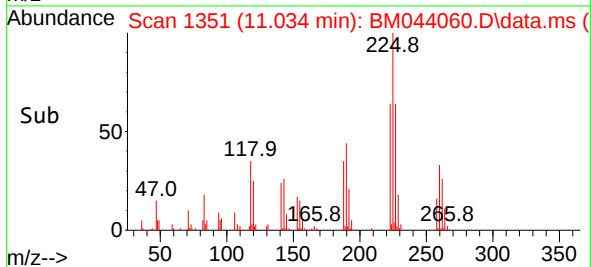
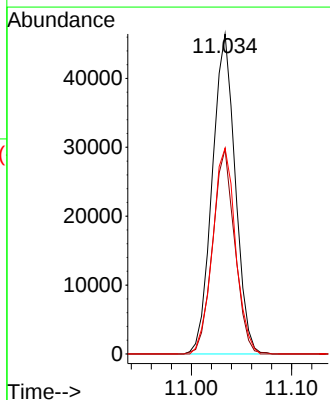
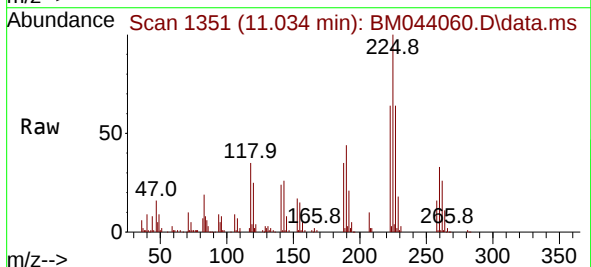
Manual Integrations
APPROVED

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



#34
Hexachlorobutadiene
Concen: 3.347 ng
RT: 11.034 min Scan# 1351
Delta R.T. -0.006 min
Lab File: BM044060.D
Acq: 12 Feb 2024 17:06

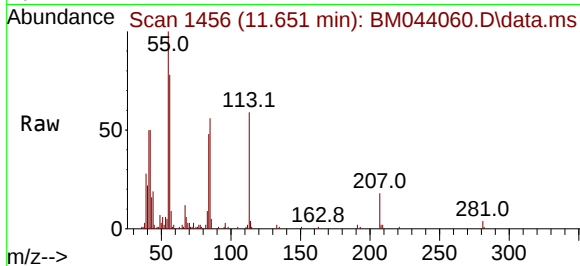
Tgt Ion:225 Resp: 73860
Ion Ratio Lower Upper
225 100
223 66.8 49.9 74.9
227 64.3 50.6 76.0





#35
Caprolactam
Concen: 3.362 ng
RT: 11.651 min Scan# 1456
Delta R.T. -0.023 min
Lab File: BM044060.D
Acq: 12 Feb 2024 17:06

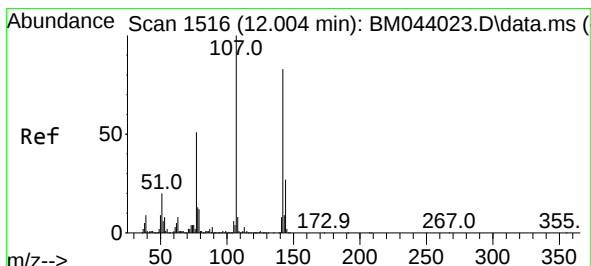
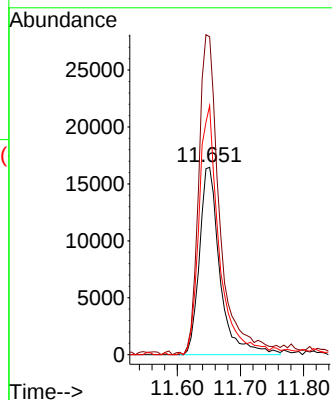
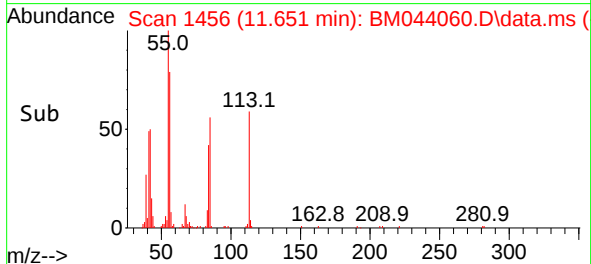
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023



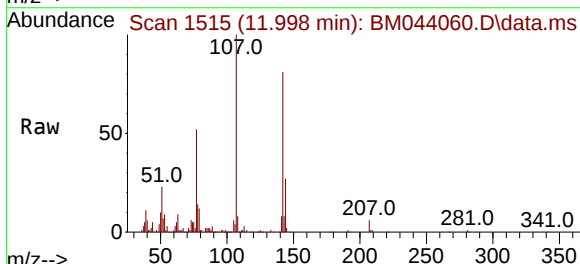
Tgt Ion:113 Resp: 37094
Ion Ratio Lower Upper
113 100
55 169.7 145.6 185.6
56 132.8 103.3 143.3

Manual Integrations
APPROVED

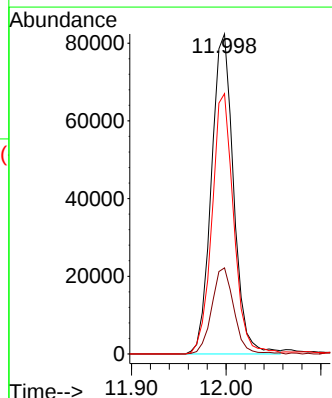
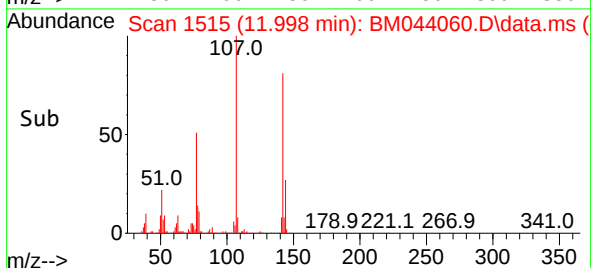
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024

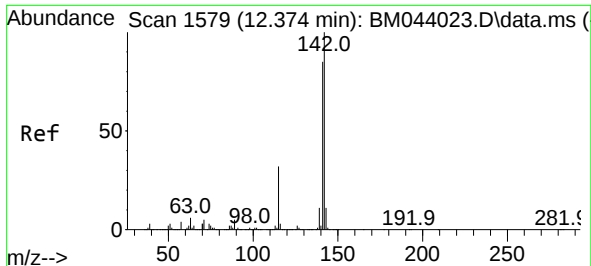


#36
4-Chloro-3-methylphenol
Concen: 3.617 ng
RT: 11.998 min Scan# 1515
Delta R.T. -0.006 min
Lab File: BM044060.D
Acq: 12 Feb 2024 17:06



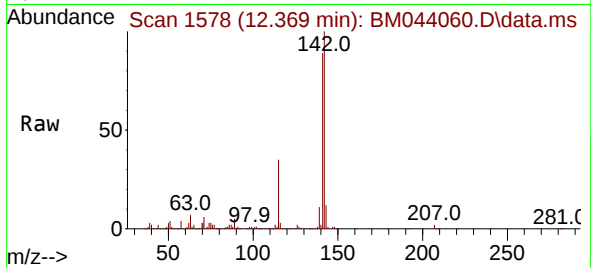
Tgt Ion:107 Resp: 134277
Ion Ratio Lower Upper
107 100
144 26.9 21.3 31.9
142 81.4 66.2 99.4





#37
2-Methylnaphthalene
Concen: 3.879 ng
RT: 12.369 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BM044060.D
Acq: 12 Feb 2024 17:06

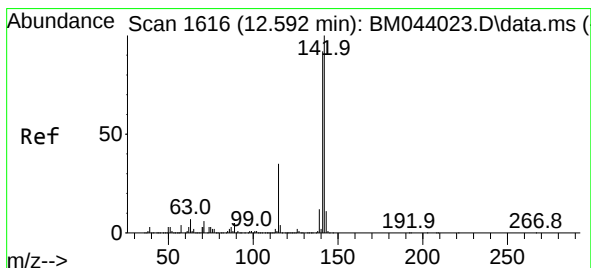
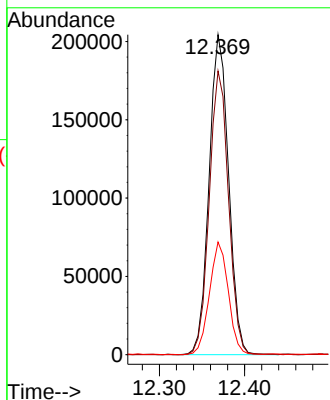
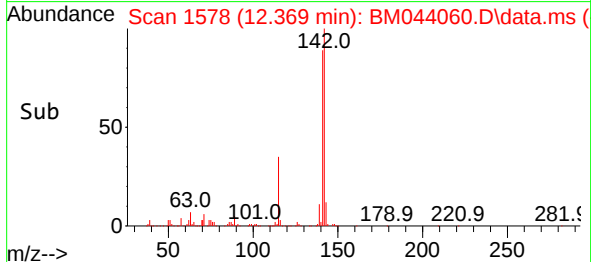
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT4-2023



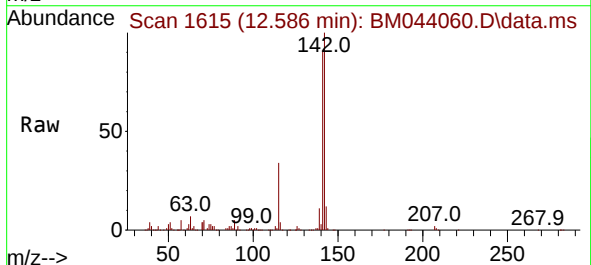
Tgt Ion:142 Resp: 324584
Ion Ratio Lower Upper
142 100
141 88.6 68.3 102.5
115 35.2 25.7 38.5

Manual Integrations
APPROVED

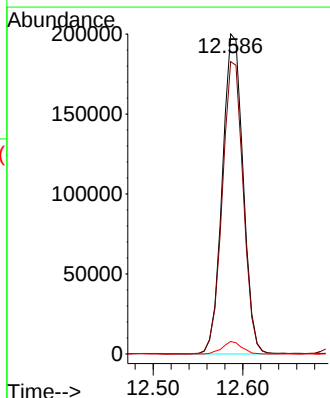
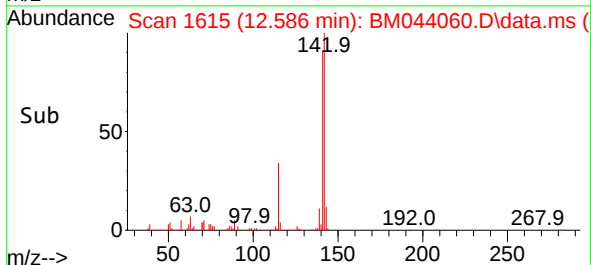
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024

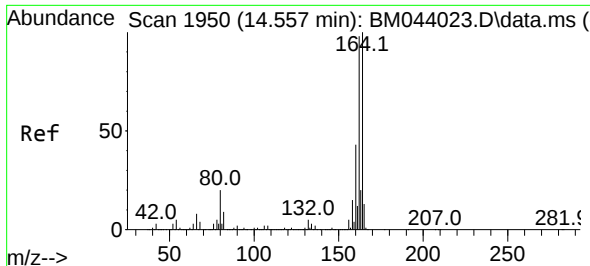


#38
1-Methylnaphthalene
Concen: 3.907 ng
RT: 12.586 min Scan# 1615
Delta R.T. -0.006 min
Lab File: BM044060.D
Acq: 12 Feb 2024 17:06



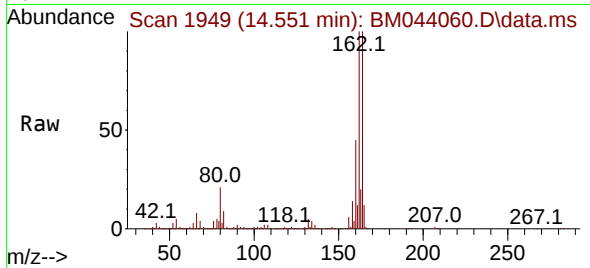
Tgt Ion:142 Resp: 321269
Ion Ratio Lower Upper
142 100
141 91.3 73.4 110.0
116 3.9 3.0 4.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.551 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BM044060.D
Acq: 12 Feb 2024 17:06

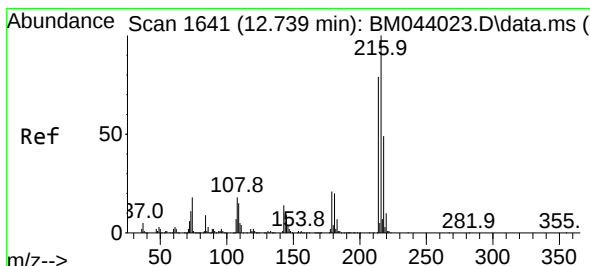
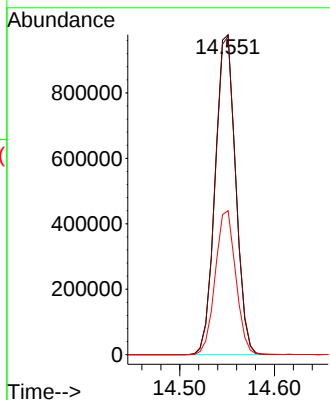
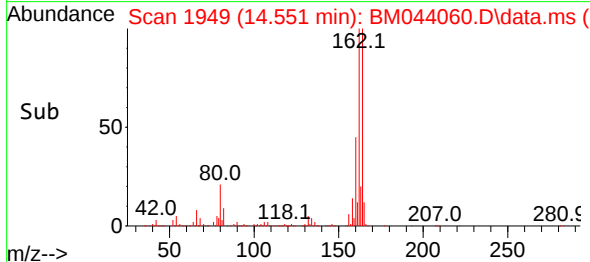
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion:164 Resp: 1469404
Ion Ratio Lower Upper
164 100
162 99.5 78.4 117.6
160 45.0 34.6 51.8

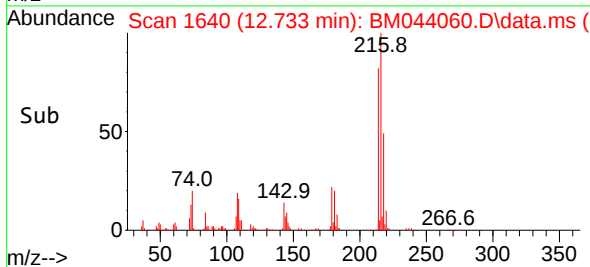
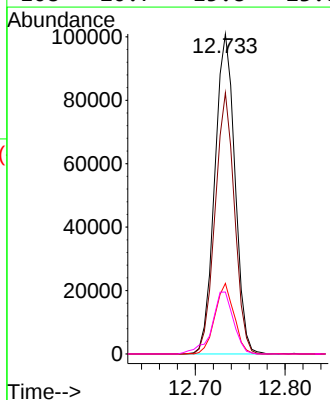
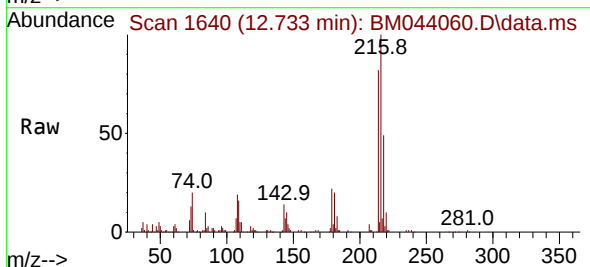
Manual Integrations
APPROVED

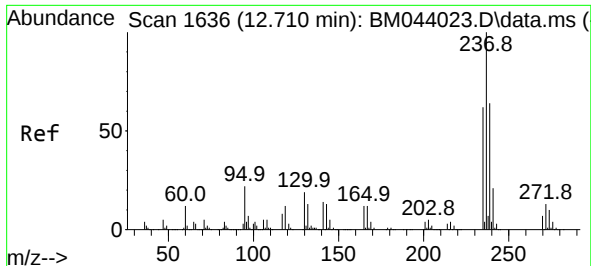
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.685 ng
RT: 12.733 min Scan# 1640
Delta R.T. -0.006 min
Lab File: BM044060.D
Acq: 12 Feb 2024 17:06

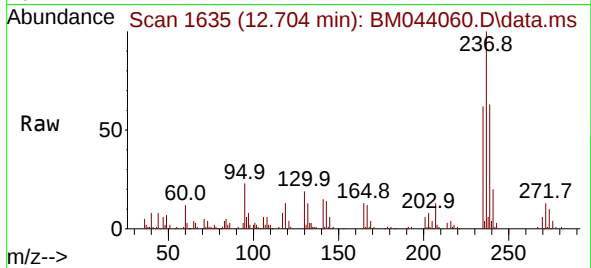
Tgt Ion:216 Resp: 157388
Ion Ratio Lower Upper
216 100
214 78.5 63.1 94.7
179 20.8 17.0 25.6
108 20.7 15.8 23.8





#41
Hexachlorocyclopentadiene
Concen: 3.739 ng
RT: 12.704 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM044060.D
Acq: 12 Feb 2024 17:06

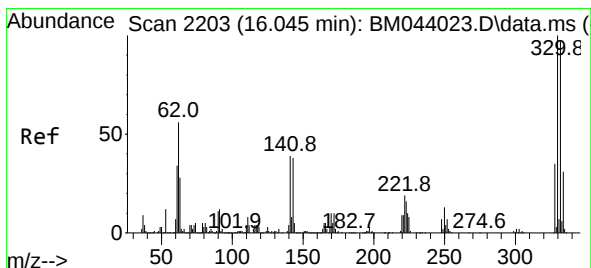
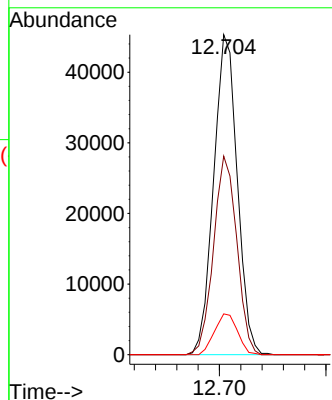
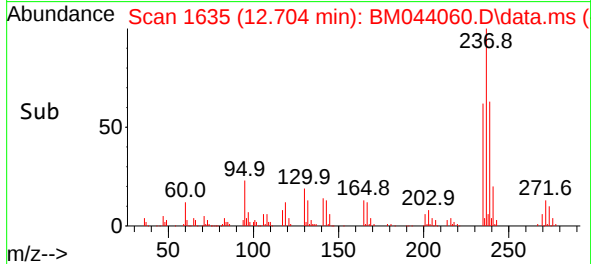
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023



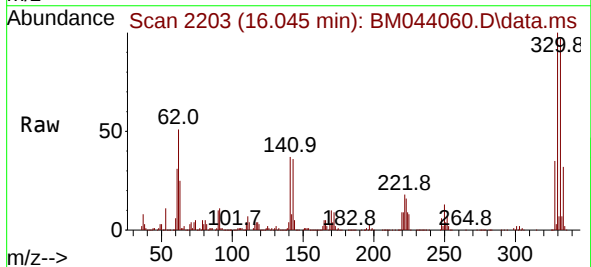
Tgt Ion:237 Resp: 69684
Ion Ratio Lower Upper
237 100
235 62.0 42.4 82.4
272 12.7 0.0 33.3

Manual Integrations
APPROVED

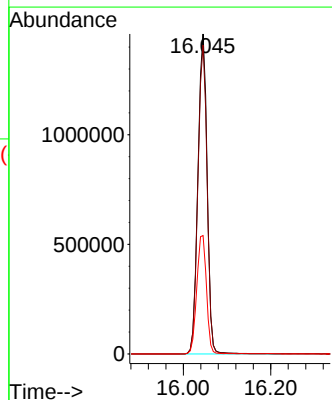
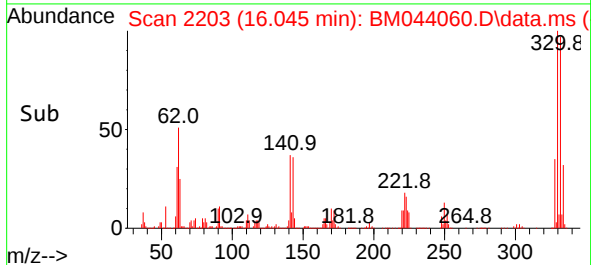
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024

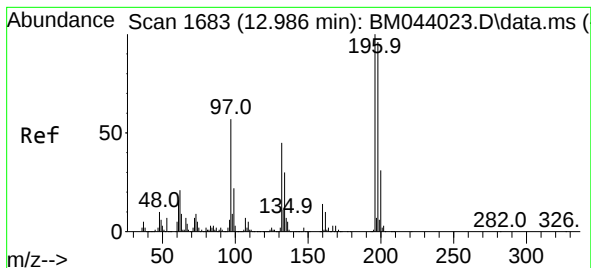


#42
2,4,6-Tribromophenol
Concen: 135.151 ng
RT: 16.045 min Scan# 2203
Delta R.T. 0.000 min
Lab File: BM044060.D
Acq: 12 Feb 2024 17:06



Tgt Ion:330 Resp: 2150207
Ion Ratio Lower Upper
330 100
332 96.4 77.7 116.5
141 38.9 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 3.199 ng

RT: 12.980 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM044060.D

Acq: 12 Feb 2024 17:06

Instrument :

BNA_M

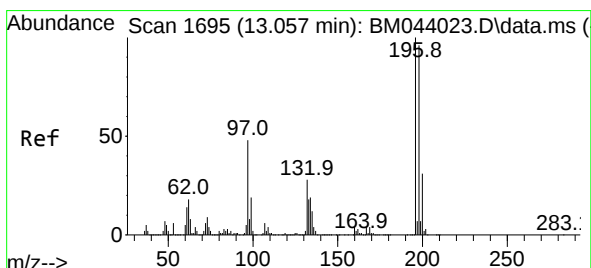
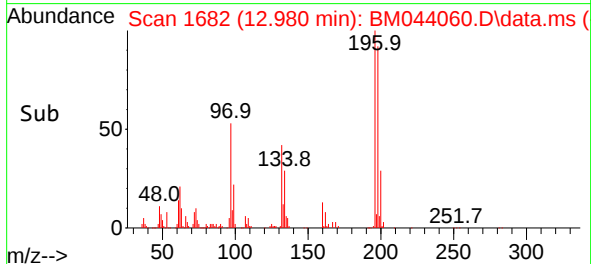
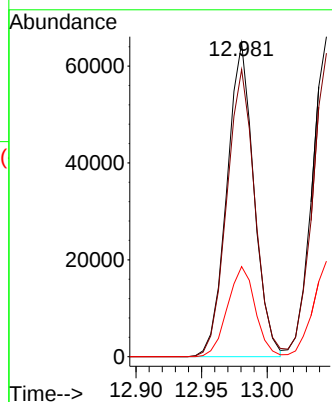
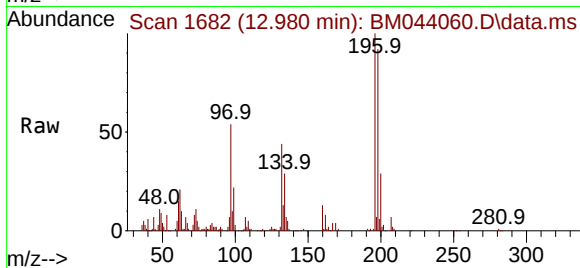
ClientSampleId :

MDL-WATER-03-QT4-2023

Tgt Ion:196 Resp: 92984
 Ion Ratio Lower Upper
 196 100
 198 91.5 76.8 115.2
 200 28.7 24.6 37.0

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



#44

2,4,5-Trichlorophenol

Concen: 3.266 ng

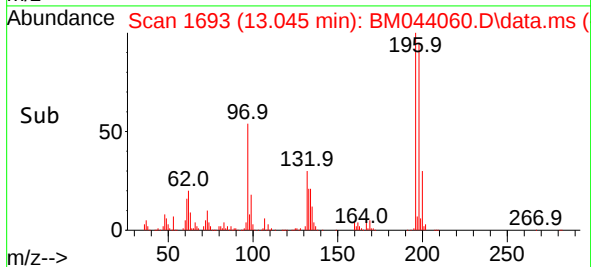
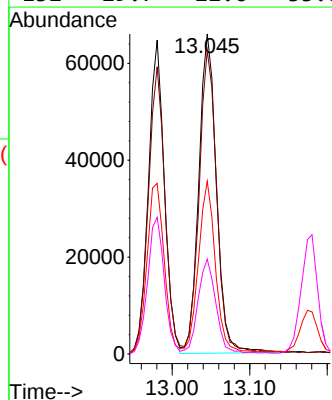
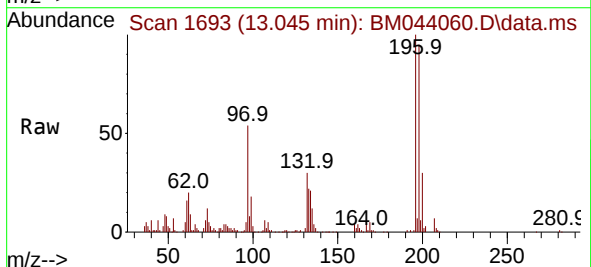
RT: 13.045 min Scan# 1693

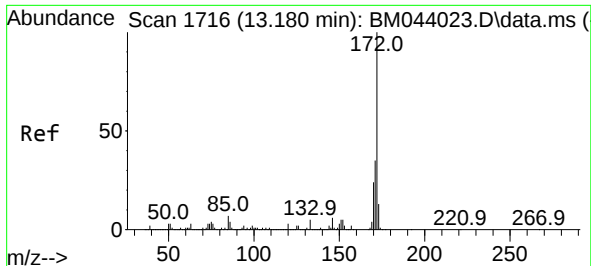
Delta R.T. -0.012 min

Lab File: BM044060.D

Acq: 12 Feb 2024 17:06

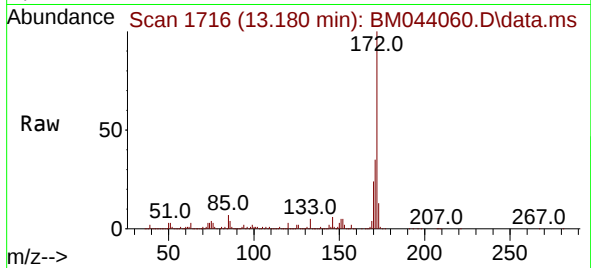
Tgt Ion:196 Resp: 104167
 Ion Ratio Lower Upper
 196 100
 198 94.8 76.9 115.3
 97 54.0 39.0 58.4
 132 29.7 22.6 33.8





#45
2-Fluorobiphenyl
Concen: 76.237 ng
RT: 13.180 min Scan# 1716
Delta R.T. 0.000 min
Lab File: BM044060.D
Acq: 12 Feb 2024 17:06

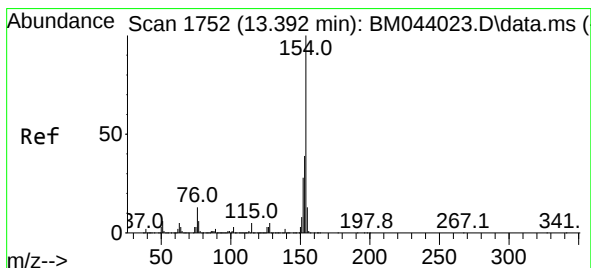
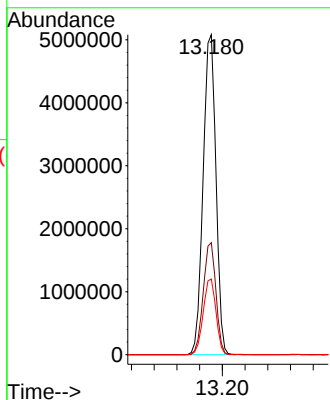
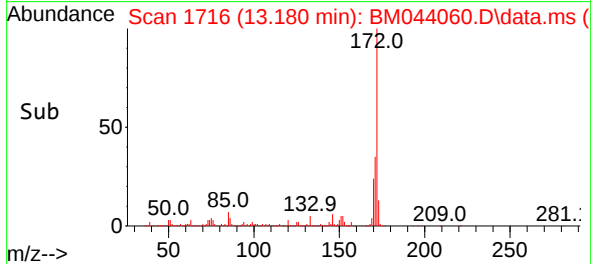
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023



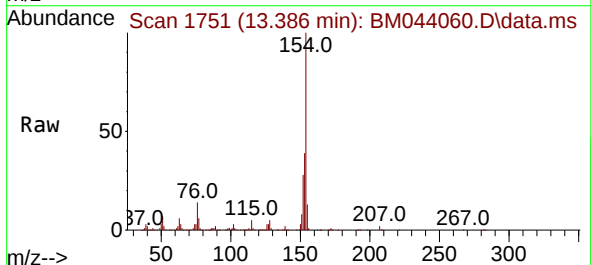
Tgt Ion:172 Resp: 7937468
Ion Ratio Lower Upper
172 100
171 35.0 27.9 41.9
170 23.7 19.0 28.4

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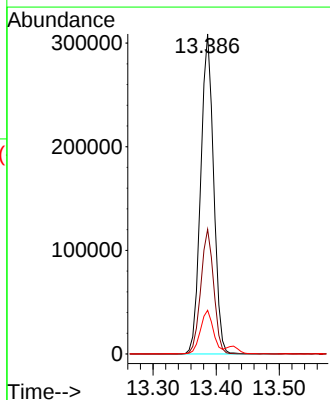
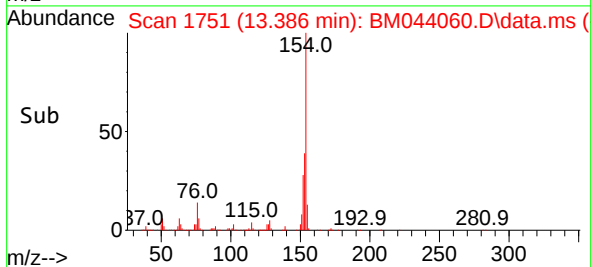
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024

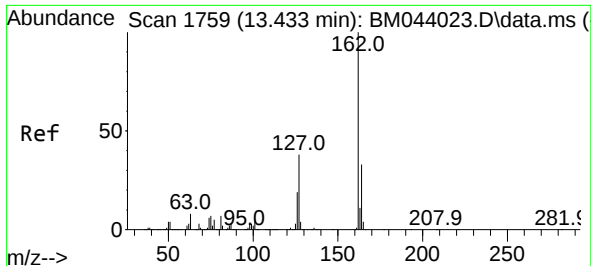


#46
1,1'-Biphenyl
Concen: 3.784 ng
RT: 13.386 min Scan# 1751
Delta R.T. -0.006 min
Lab File: BM044060.D
Acq: 12 Feb 2024 17:06



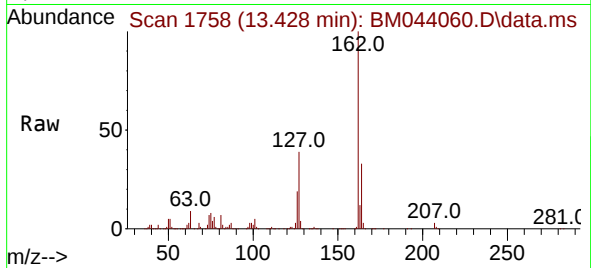
Tgt Ion:154 Resp: 438733
Ion Ratio Lower Upper
154 100
153 38.9 19.4 59.4
76 13.6 0.0 32.9





#47
2-Chloronaphthalene
Concen: 3.603 ng
RT: 13.428 min Scan# 1758
Delta R.T. -0.006 min
Lab File: BM044060.D
Acq: 12 Feb 2024 17:06

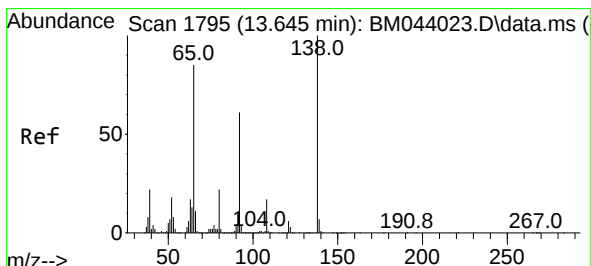
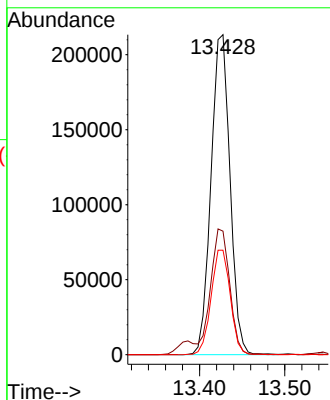
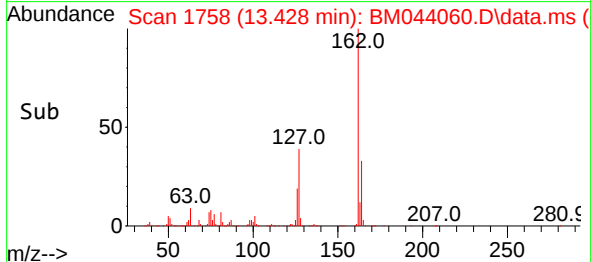
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT4-2023



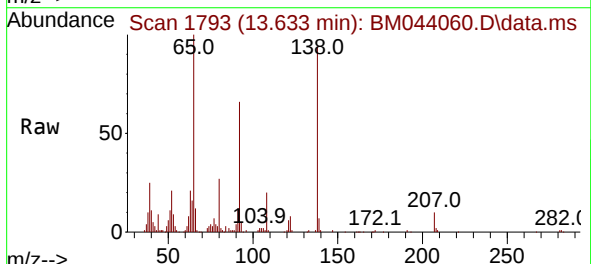
Tgt Ion:162 Resp: 330920
Ion Ratio Lower Upper
162 100
127 38.6 30.9 46.3
164 32.7 26.4 39.6

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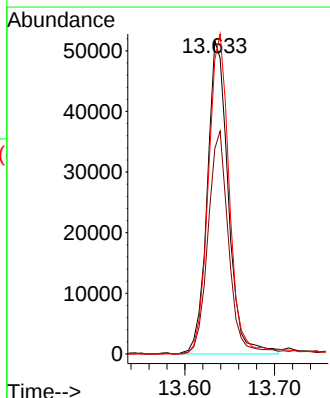
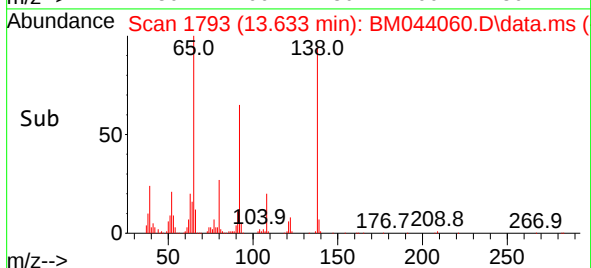
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024

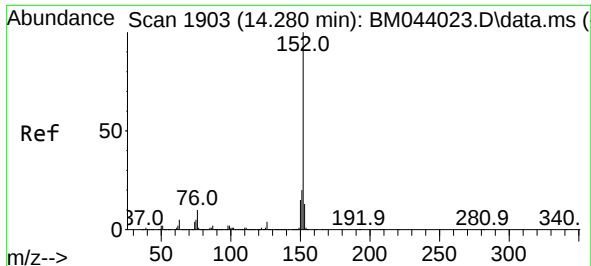


#48
2-Nitroaniline
Concen: 3.245 ng
RT: 13.633 min Scan# 1793
Delta R.T. -0.012 min
Lab File: BM044060.D
Acq: 12 Feb 2024 17:06



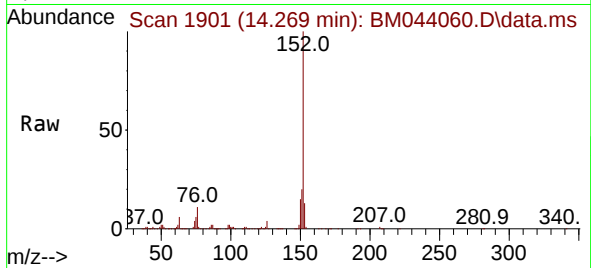
Tgt Ion: 65 Resp: 83841
Ion Ratio Lower Upper
65 100
92 65.7 58.1 87.1
138 94.1 94.6 142.0#





#49
Acenaphthylene
Concen: 3.991 ng
RT: 14.269 min Scan# 1903
Delta R.T. -0.012 min
Lab File: BM044060.D
Acq: 12 Feb 2024 17:06

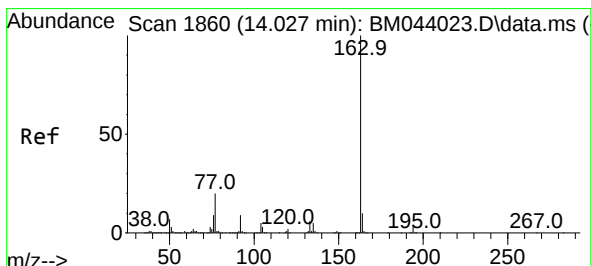
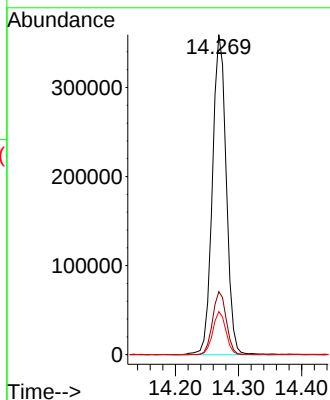
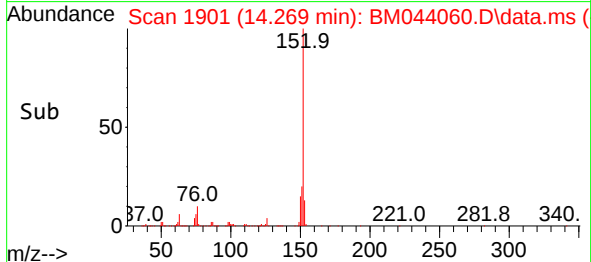
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT4-2023



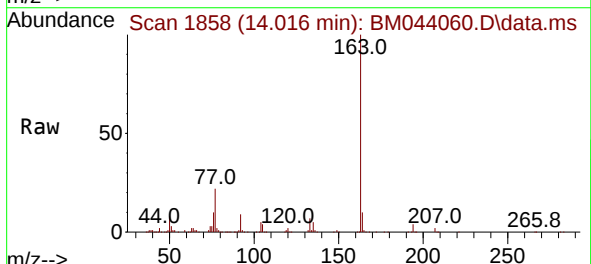
Tgt Ion:152 Resp: 54692
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.6
153 13.5 10.5 15.7

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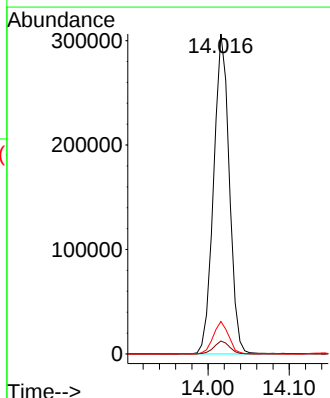
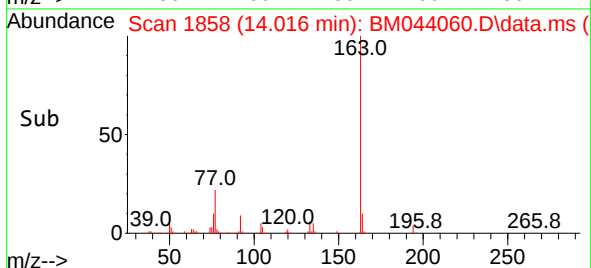
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024

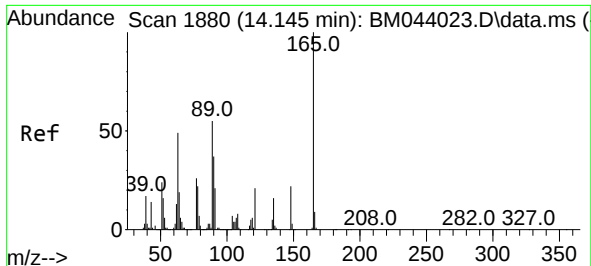


#50
Dimethylphthalate
Concen: 3.783 ng
RT: 14.016 min Scan# 1858
Delta R.T. -0.012 min
Lab File: BM044060.D
Acq: 12 Feb 2024 17:06



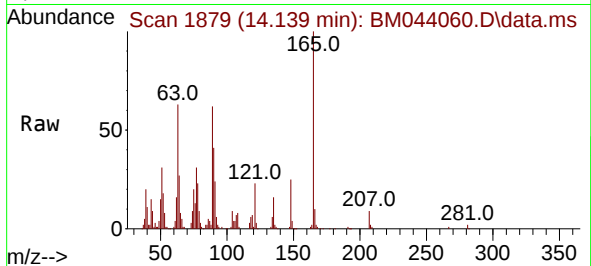
Tgt Ion:163 Resp: 412164
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.1 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 3.273 ng
RT: 14.139 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM044060.D
Acq: 12 Feb 2024 17:06

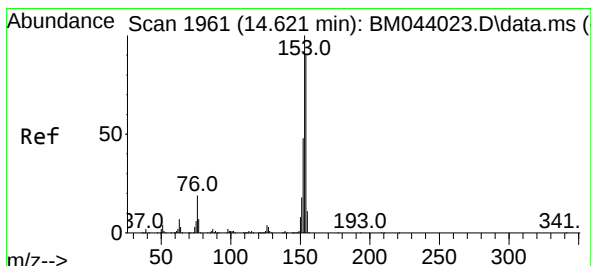
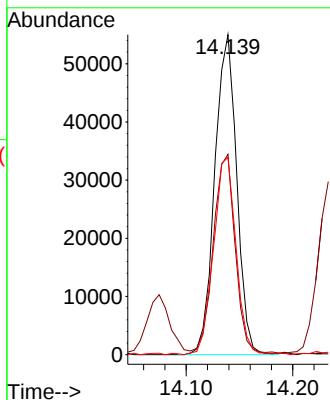
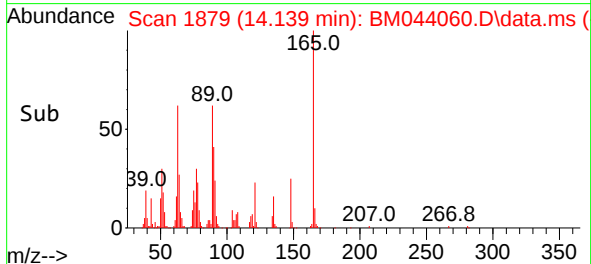
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023



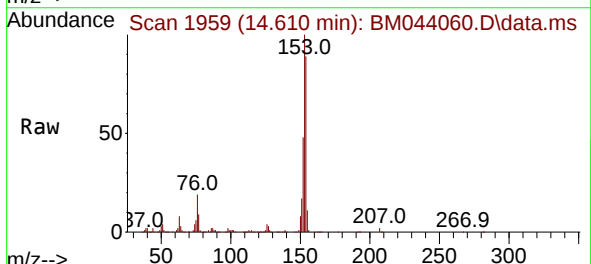
Tgt Ion:165 Resp: 78670
Ion Ratio Lower Upper
165 100
63 62.6 43.5 65.3
89 61.6 44.4 66.6

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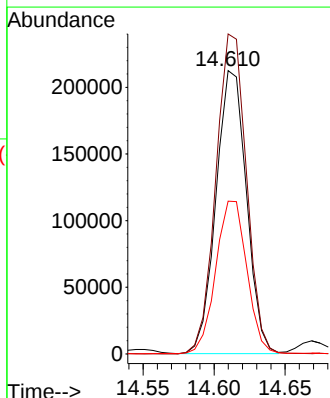
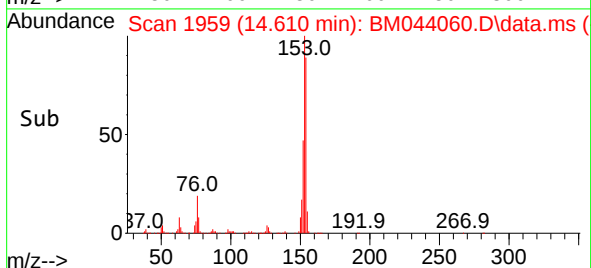
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024

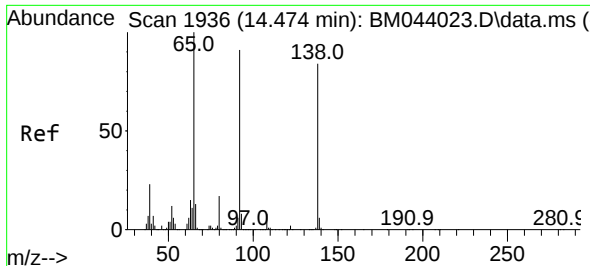


#52
Acenaphthene
Concen: 3.734 ng
RT: 14.610 min Scan# 1959
Delta R.T. -0.012 min
Lab File: BM044060.D
Acq: 12 Feb 2024 17:06



Tgt Ion:154 Resp: 316649
Ion Ratio Lower Upper
154 100
153 112.9 89.3 133.9
152 53.9 43.0 64.6





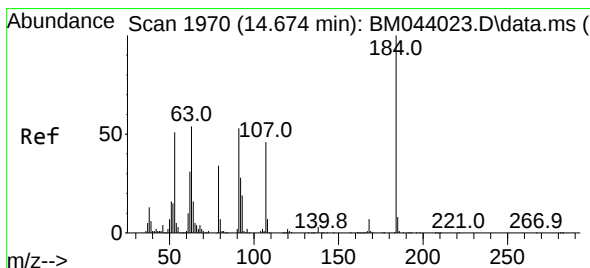
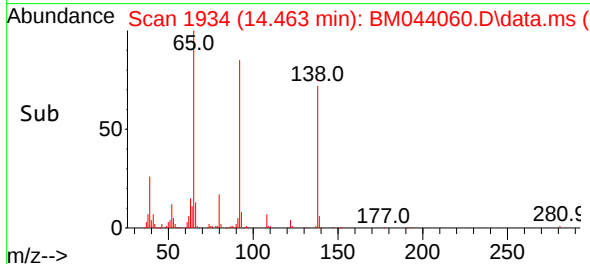
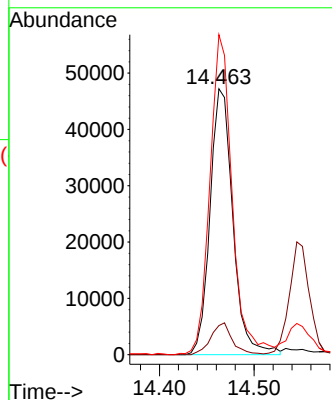
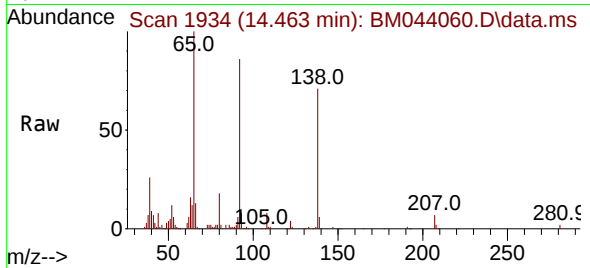
#53
3-Nitroaniline
Concen: 3.061 ng
RT: 14.463 min Scan# 1936
Delta R.T. -0.012 min
Lab File: BM044060.D
Acq: 12 Feb 2024 17:06

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

Tgt Ion:138 Resp: 7906
Ion Ratio Lower Upper
138 100
108 10.9 7.6 11.4
92 120.3 86.5 129.7

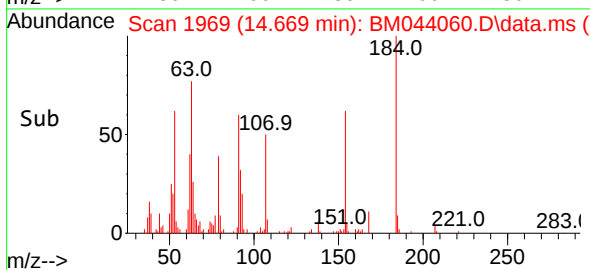
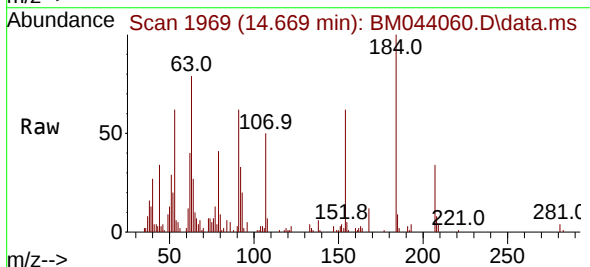
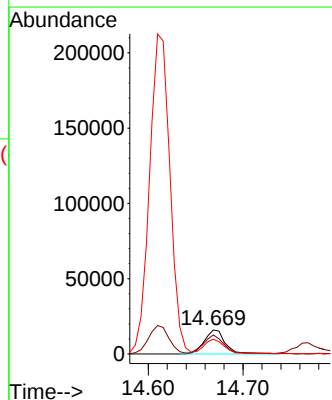
Manual Integrations
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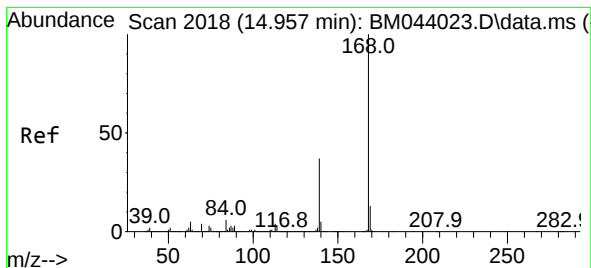
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#54
2,4-Dinitrophenol
Concen: 7.161 ng
RT: 14.669 min Scan# 1969
Delta R.T. -0.005 min
Lab File: BM044060.D
Acq: 12 Feb 2024 17:06

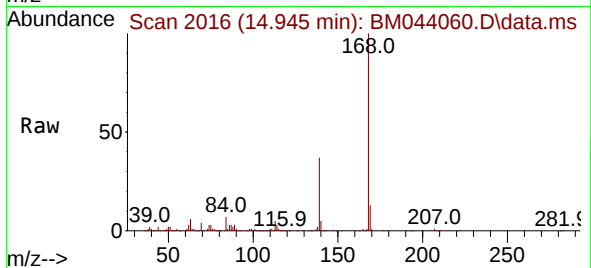
Tgt Ion:184 Resp: 24404
Ion Ratio Lower Upper
184 100
63 79.2 55.4 83.2
154 61.6 49.2 73.8





#55
Dibenzenofuran
Concen: 3.954 ng
RT: 14.945 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BM044060.D
Acq: 12 Feb 2024 17:06

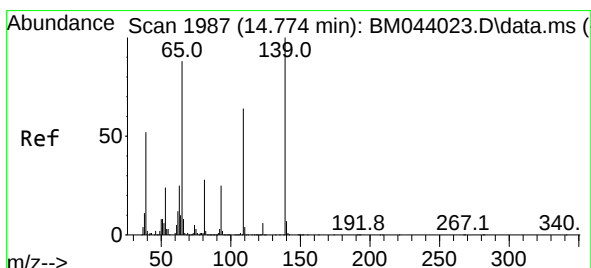
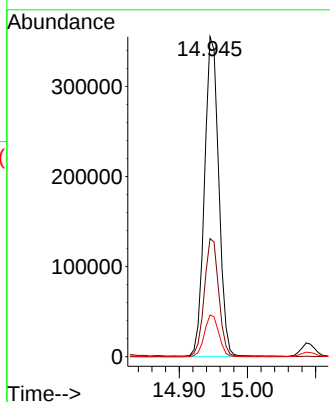
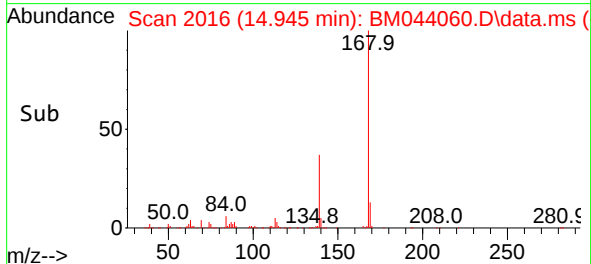
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023



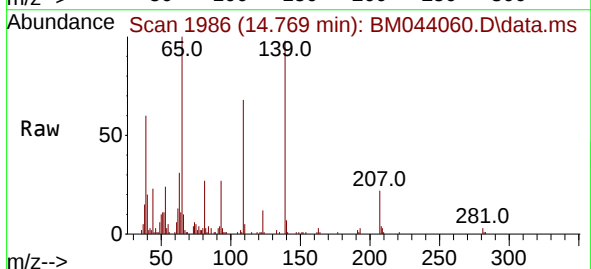
Tgt Ion:168 Resp: 51902
Ion Ratio Lower Upper
168 100
139 36.9 29.6 44.4
169 13.1 10.5 15.7

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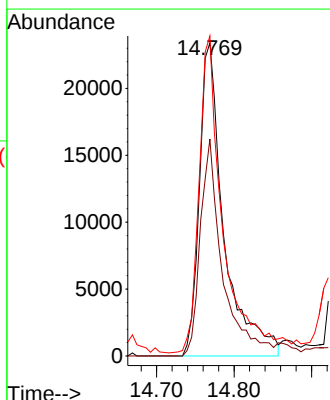
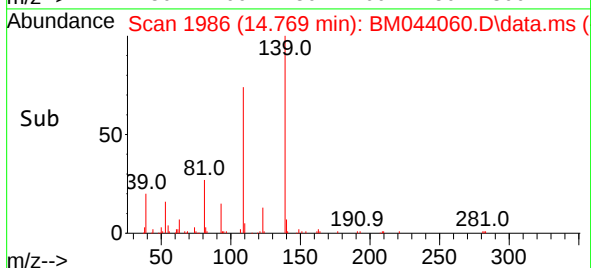
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024

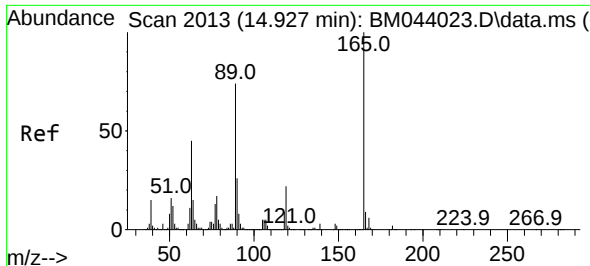


#56
4-Nitrophenol
Concen: 2.443 ng
RT: 14.769 min Scan# 1986
Delta R.T. -0.006 min
Lab File: BM044060.D
Acq: 12 Feb 2024 17:06



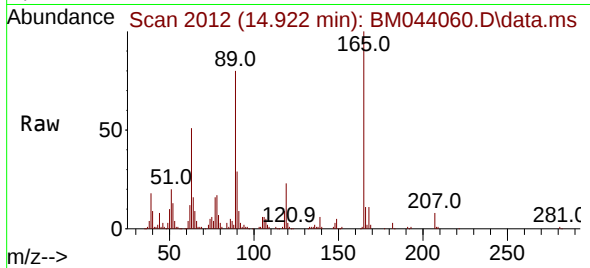
Tgt Ion:139 Resp: 51309
Ion Ratio Lower Upper
139 100
109 69.3 43.8 83.8
65 102.2 67.7 107.7





#57
2,4-Dinitrotoluene
Concen: 2.993 ng
RT: 14.922 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BM044060.D
Acq: 12 Feb 2024 17:06

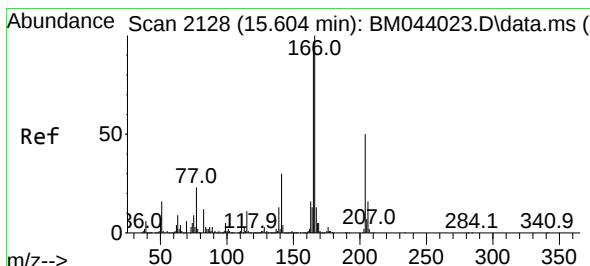
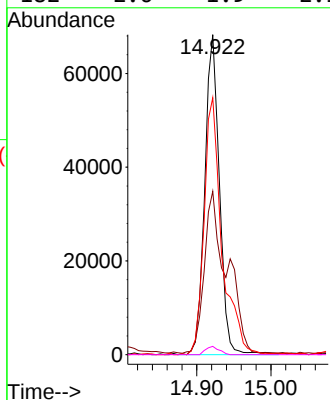
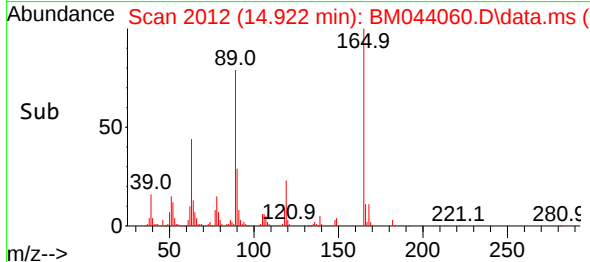
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion:165 Resp: 94015
Ion Ratio Lower Upper
165 100
63 51.0 35.9 53.9
89 80.3 58.9 88.3
182 2.6 1.9 2.9

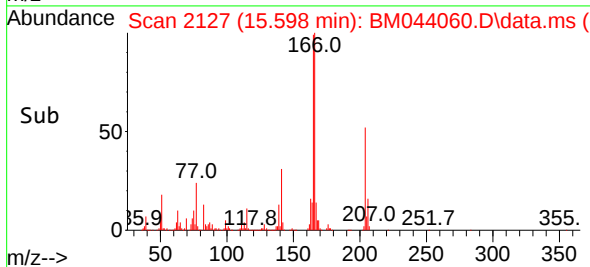
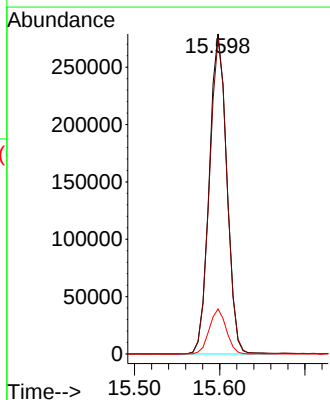
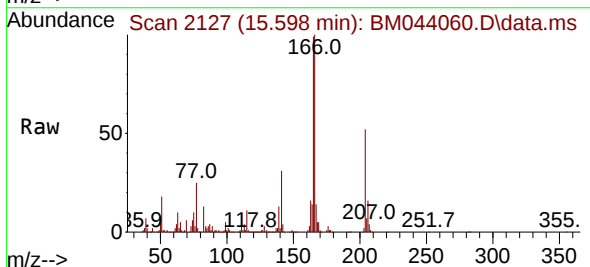
Manual Integrations
APPROVED

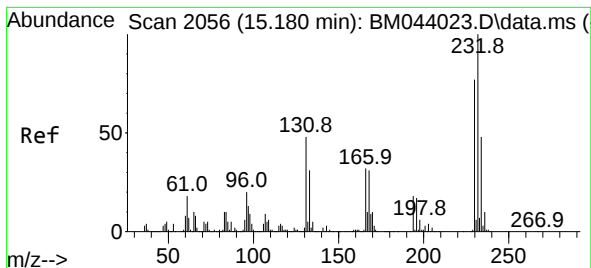
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#58
Fluorene
Concen: 3.941 ng
RT: 15.598 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BM044060.D
Acq: 12 Feb 2024 17:06

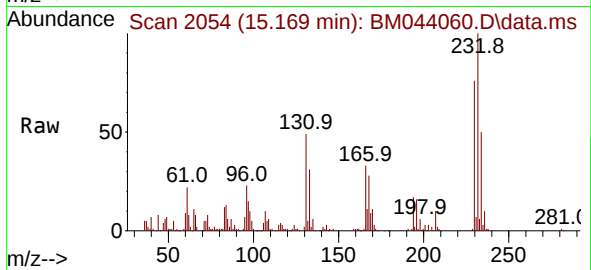
Tgt Ion:166 Resp: 399721
Ion Ratio Lower Upper
166 100
165 98.6 77.7 116.5
167 14.1 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 3.559 ng
RT: 15.169 min Scan# 2054
Delta R.T. -0.012 min
Lab File: BM044060.D
Acq: 12 Feb 2024 17:06

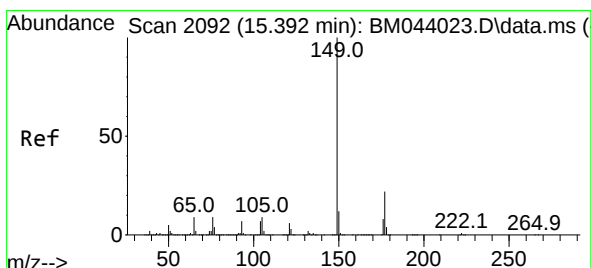
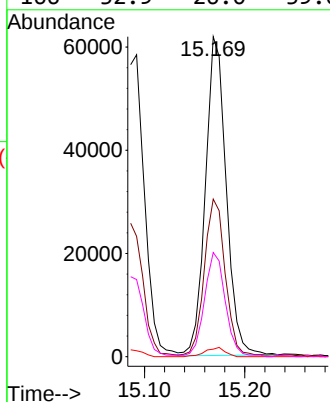
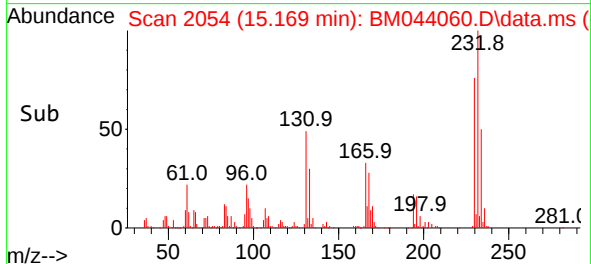
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023



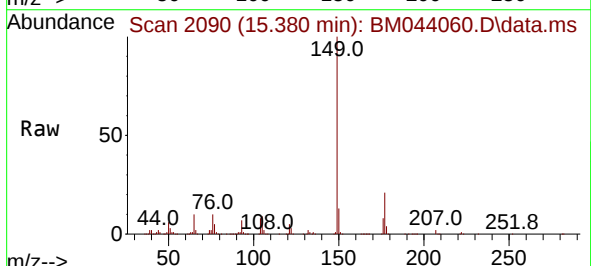
Tgt Ion:232 Resp: 8909
Ion Ratio Lower Upper
232 100
131 49.8 39.5 59.3
130 2.7 2.0 3.0
166 32.9 26.0 39.0

Manual Integrations
APPROVED

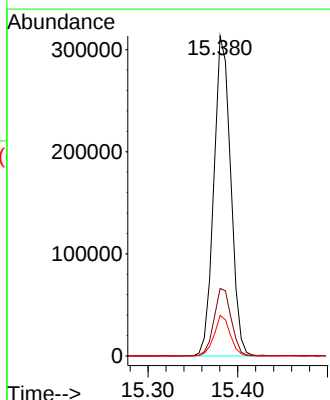
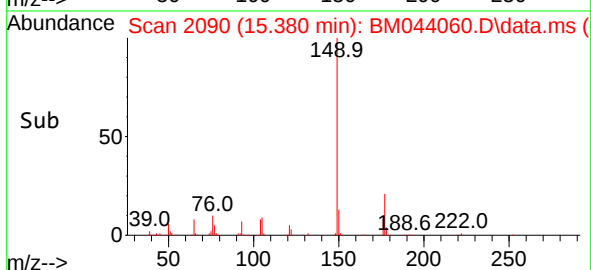
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024

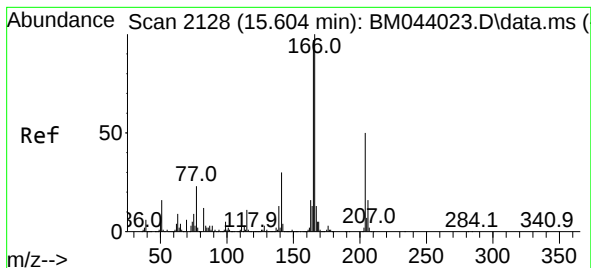


#60
Diethylphthalate
Concen: 3.635 ng
RT: 15.380 min Scan# 2090
Delta R.T. -0.012 min
Lab File: BM044060.D
Acq: 12 Feb 2024 17:06



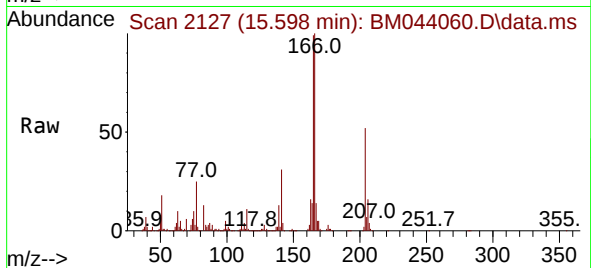
Tgt Ion:149 Resp: 409332
Ion Ratio Lower Upper
149 100
177 21.1 17.5 26.3
150 12.6 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 3.966 ng
RT: 15.598 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BM044060.D
Acq: 12 Feb 2024 17:06

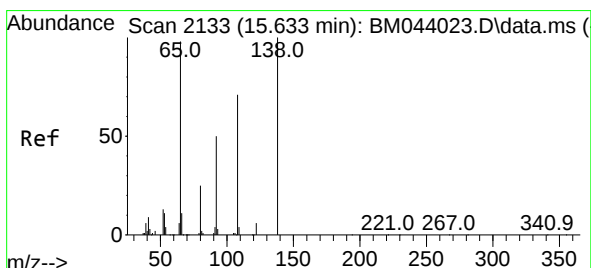
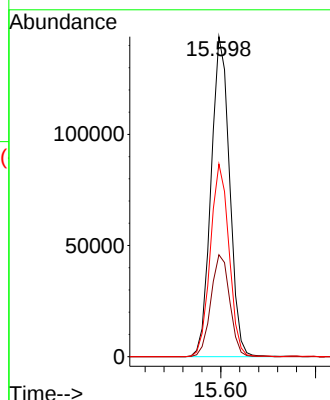
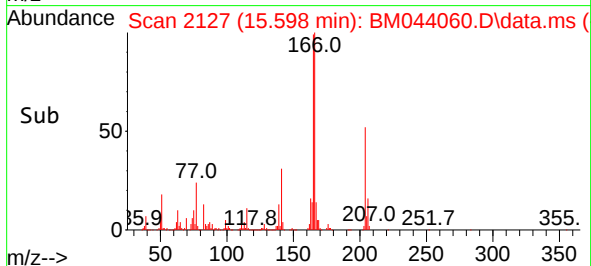
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT4-2023



Tgt Ion:204 Resp: 194908
Ion Ratio Lower Upper
204 100
206 31.8 26.3 39.5
141 60.2 47.7 71.5

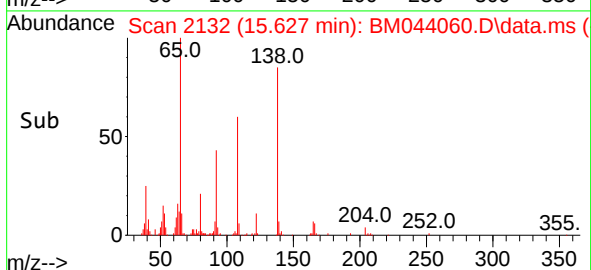
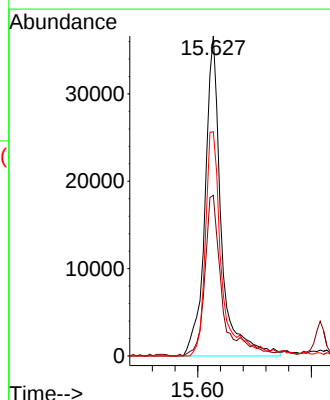
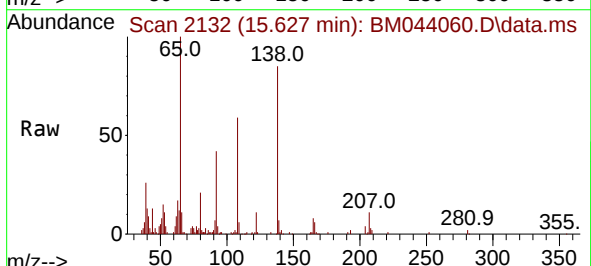
Manual Integrations
APPROVED

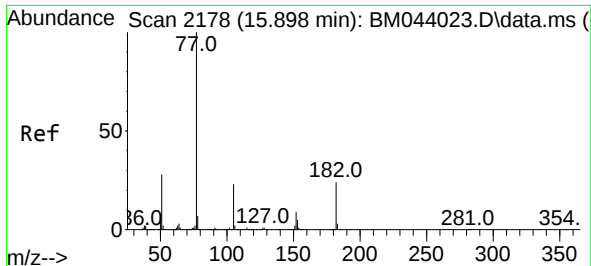
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#62
4-Nitroaniline
Concen: 2.794 ng
RT: 15.627 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BM044060.D
Acq: 12 Feb 2024 17:06

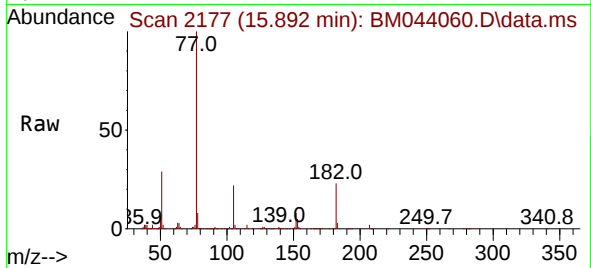
Tgt Ion:138 Resp: 72643
Ion Ratio Lower Upper
138 100
92 50.2 29.6 69.6
108 70.0 47.8 87.8





#63
Azobenzene
Concen: 3.687 ng
RT: 15.892 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BM044060.D
Acq: 12 Feb 2024 17:06

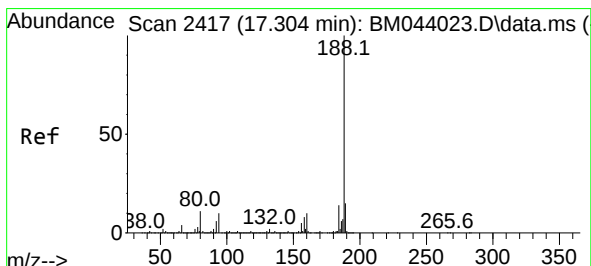
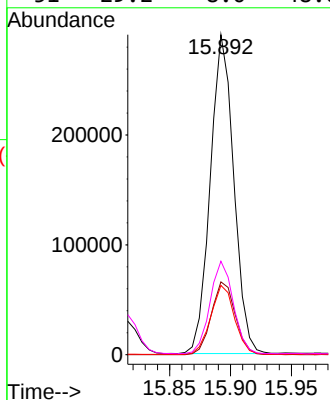
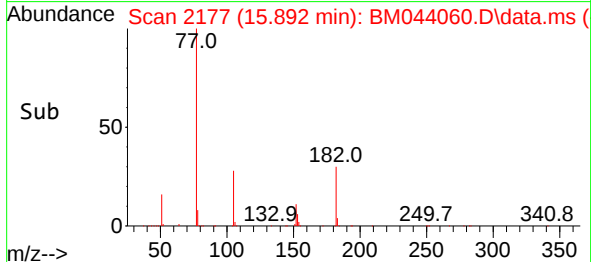
Instrument : BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion: 77 Resp: 389520
Ion Ratio Lower Upper
77 100
182 22.7 4.0 44.0
105 21.7 3.3 43.3
51 29.2 8.0 48.0

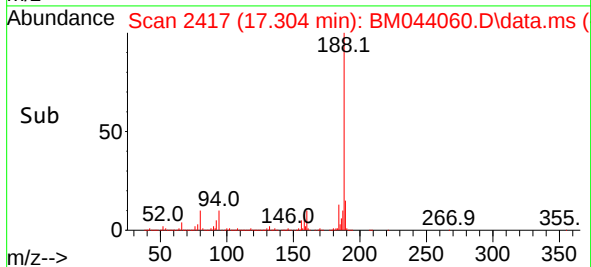
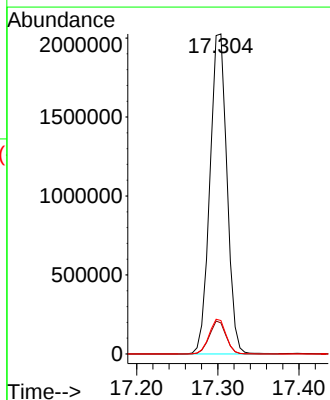
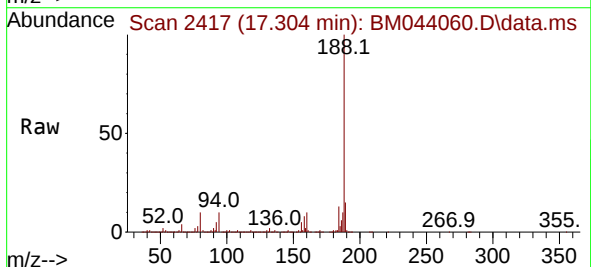
Manual Integrations
APPROVED

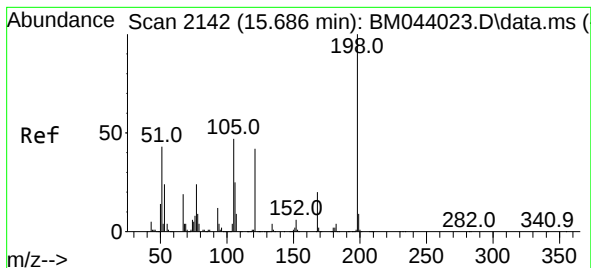
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.304 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BM044060.D
Acq: 12 Feb 2024 17:06

Tgt Ion:188 Resp: 2958263
Ion Ratio Lower Upper
188 100
94 9.7 8.2 12.2
80 10.5 8.8 13.2





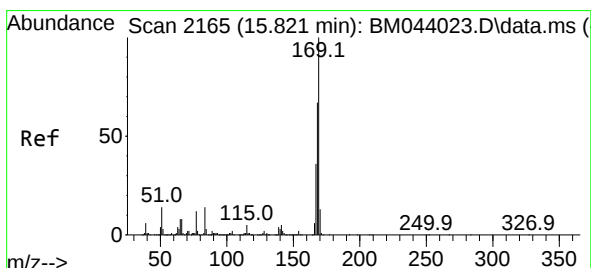
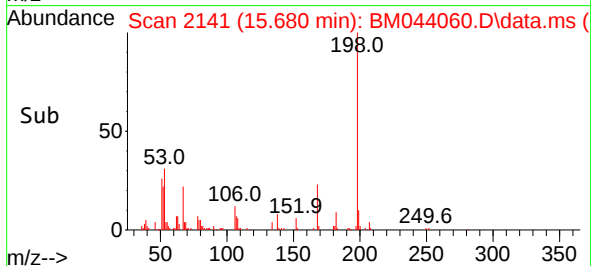
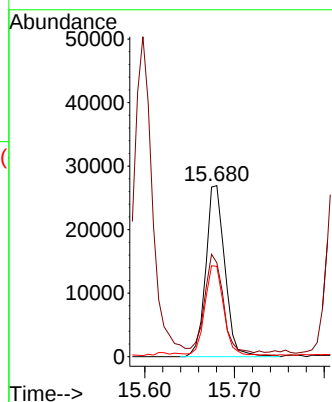
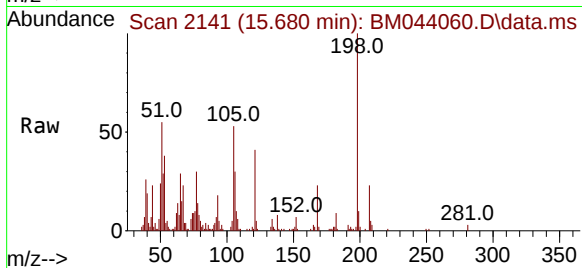
#65
4,6-Dinitro-2-methylphenol
Concen: 2.252 ng
RT: 15.680 min Scan# 2142
Delta R.T. -0.006 min
Lab File: BM044060.D
Acq: 12 Feb 2024 17:06

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

Tgt Ion:198 Resp: 39691
Ion Ratio Lower Upper
198 100
51 54.9 29.9 69.9
105 52.8 28.7 68.7

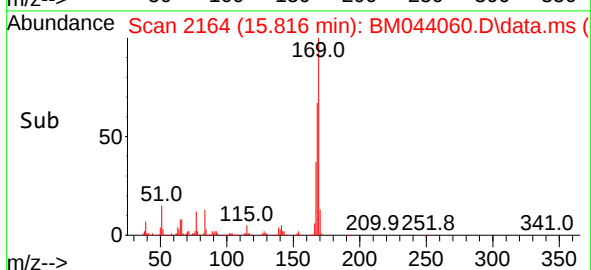
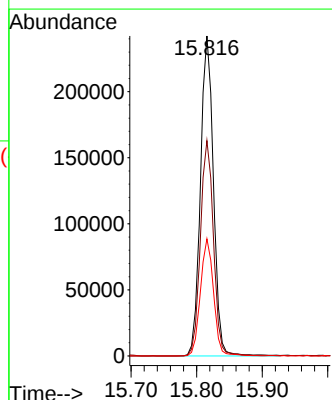
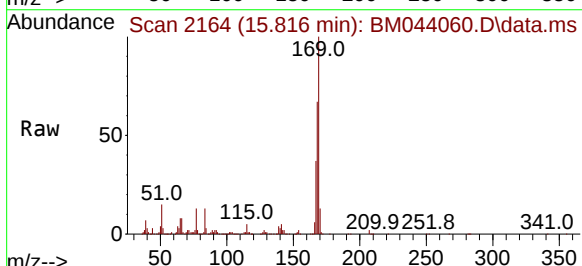
Manual Integrations
APPROVED

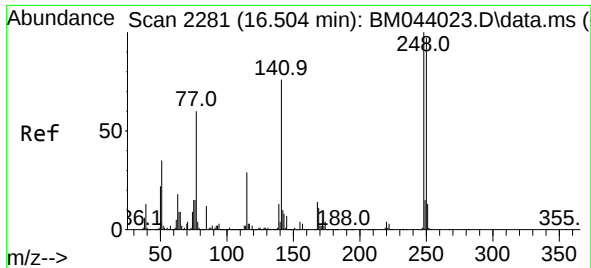
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#66
n-Nitrosodiphenylamine
Concen: 3.723 ng
RT: 15.816 min Scan# 2164
Delta R.T. -0.006 min
Lab File: BM044060.D
Acq: 12 Feb 2024 17:06

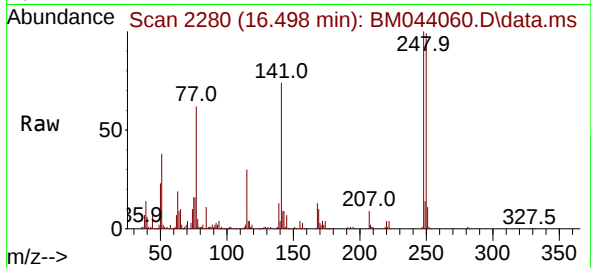
Tgt Ion:169 Resp: 334653
Ion Ratio Lower Upper
169 100
168 67.3 53.8 80.8
167 36.6 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 3.305 ng
RT: 16.498 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM044060.D
Acq: 12 Feb 2024 17:06

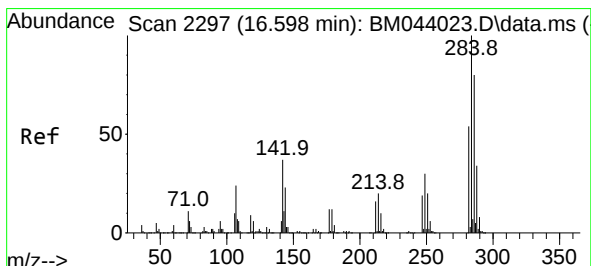
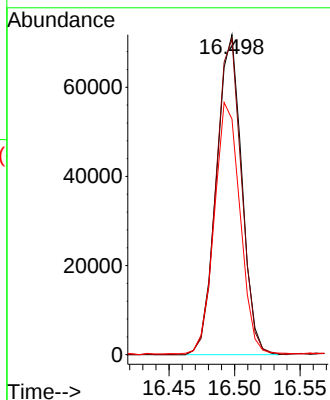
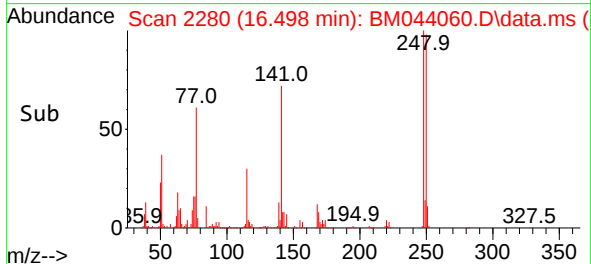
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion:248 Resp: 96650
Ion Ratio Lower Upper
248 100
250 98.6 77.4 116.2
141 73.7 61.0 91.6

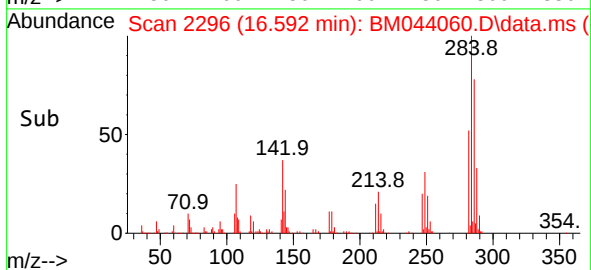
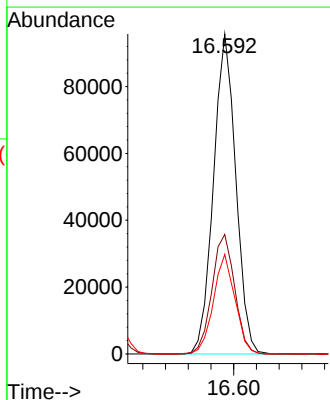
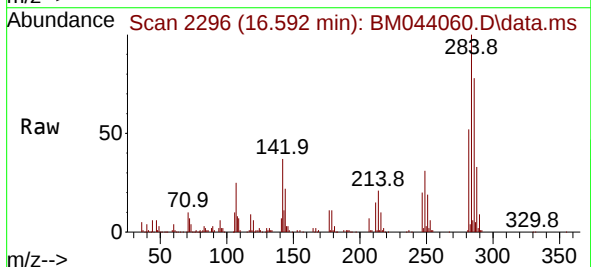
Manual Integrations
APPROVED

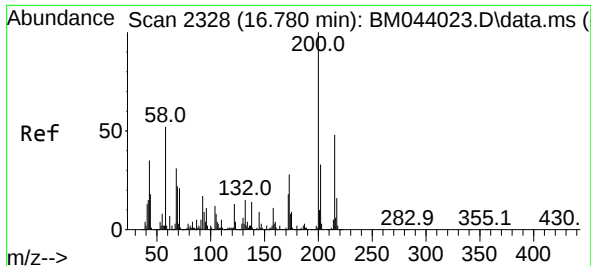
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#68
Hexachlorobenzene
Concen: 3.646 ng
RT: 16.592 min Scan# 2296
Delta R.T. -0.006 min
Lab File: BM044060.D
Acq: 12 Feb 2024 17:06

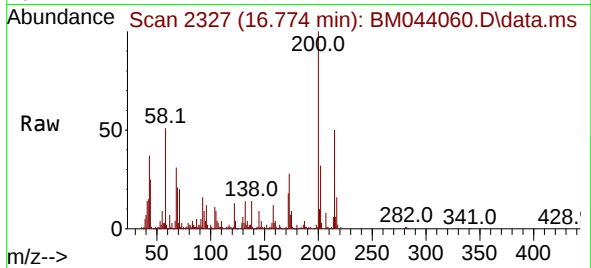
Tgt Ion:284 Resp: 130629
Ion Ratio Lower Upper
284 100
142 37.3 30.0 45.0
249 31.1 24.1 36.1





#69
Atrazine
Concen: 4.302 ng
RT: 16.774 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM044060.D
Acq: 12 Feb 2024 17:06

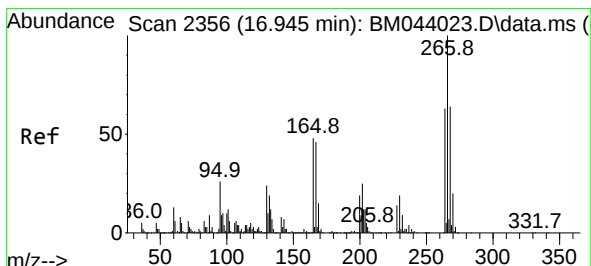
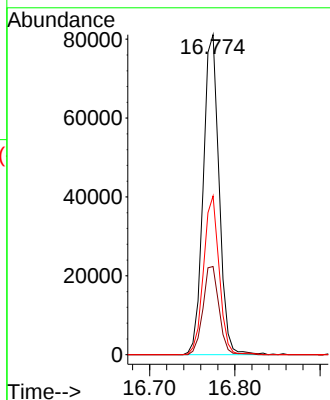
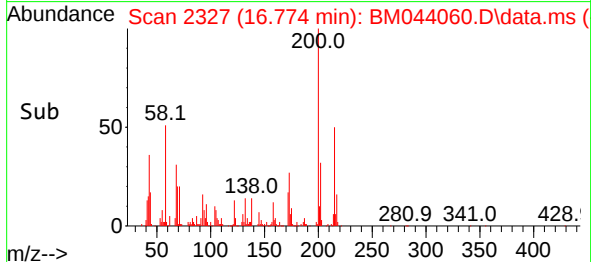
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion:200 Resp: 10470
Ion Ratio Lower Upper
200 100
173 27.6 7.9 47.9
215 49.6 27.9 67.9

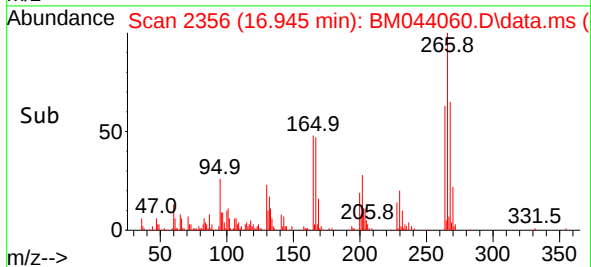
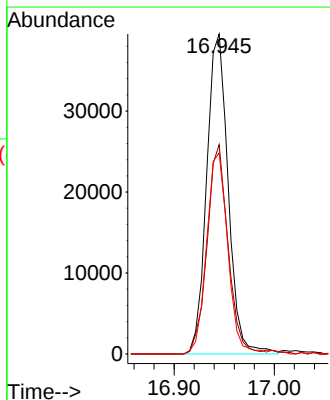
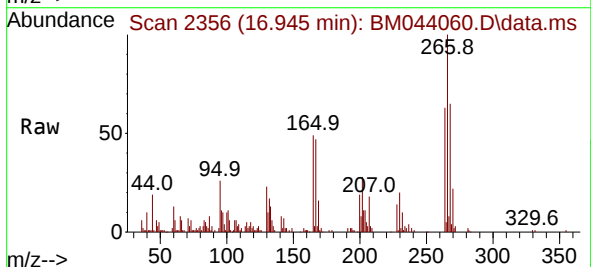
Manual Integrations
APPROVED

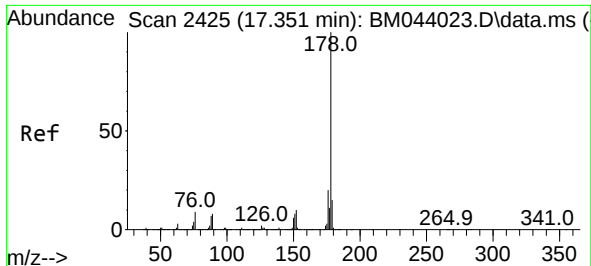
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#70
Pentachlorophenol
Concen: 2.530 ng
RT: 16.945 min Scan# 2356
Delta R.T. 0.000 min
Lab File: BM044060.D
Acq: 12 Feb 2024 17:06

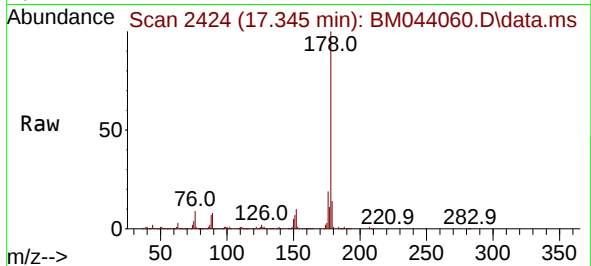
Tgt Ion:266 Resp: 58976
Ion Ratio Lower Upper
266 100
268 65.4 51.1 76.7
264 62.9 50.5 75.7





#71
Phenanthrene
Concen: 3.924 ng
RT: 17.345 min Scan# 2425
Delta R.T. -0.006 min
Lab File: BM044060.D
Acq: 12 Feb 2024 17:06

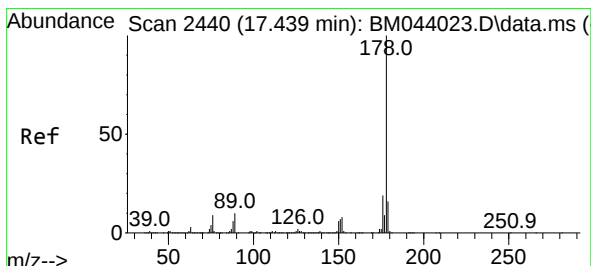
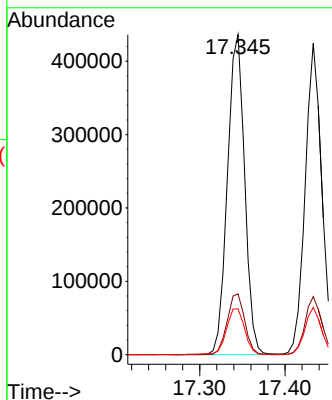
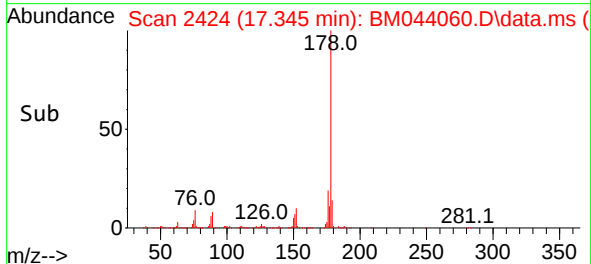
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion:178 Resp: 612934
Ion Ratio Lower Upper
178 100
176 19.0 15.6 23.4
179 14.4 12.2 18.4

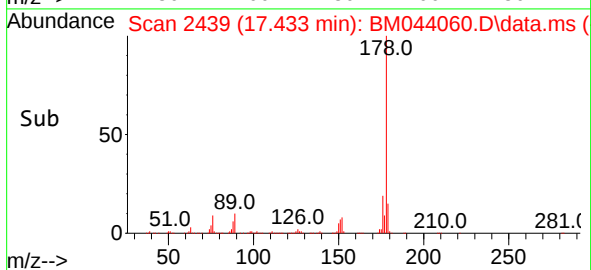
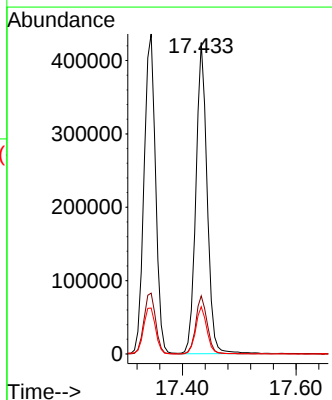
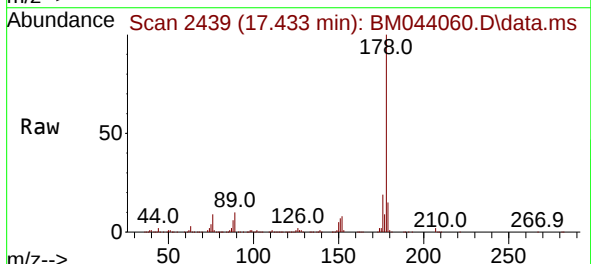
Manual Integrations
APPROVED

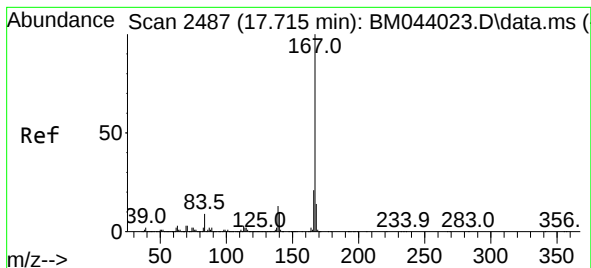
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#72
Anthracene
Concen: 3.772 ng
RT: 17.433 min Scan# 2439
Delta R.T. -0.006 min
Lab File: BM044060.D
Acq: 12 Feb 2024 17:06

Tgt Ion:178 Resp: 583396
Ion Ratio Lower Upper
178 100
176 18.6 15.3 22.9
179 15.2 12.4 18.6





#73

Carbazole

Concen: 3.557 ng

RT: 17.710 min Scan# 2487

Delta R.T. -0.006 min

Lab File: BM044060.D

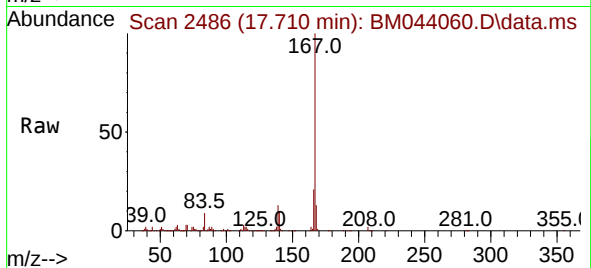
Acq: 12 Feb 2024 17:06

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2023



Tgt Ion:167 Resp: 534944

Ion Ratio Lower Upper

167 100

166 21.3 16.8 25.2

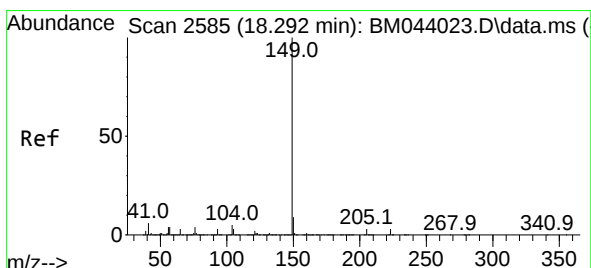
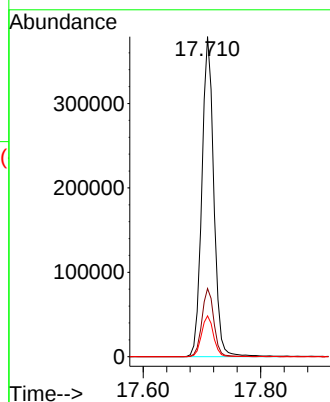
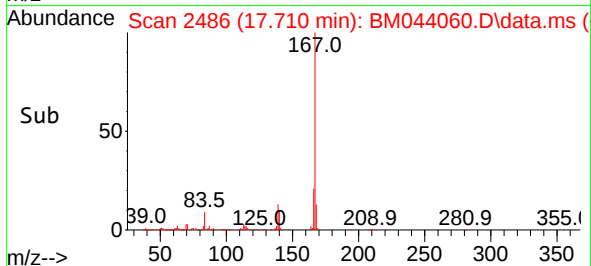
139 12.7 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/14/2024

Supervised By :mohammad ahmed 02/14/2024



#74

Di-n-butylphthalate

Concen: 3.152 ng

RT: 18.286 min Scan# 2584

Delta R.T. -0.006 min

Lab File: BM044060.D

Acq: 12 Feb 2024 17:06

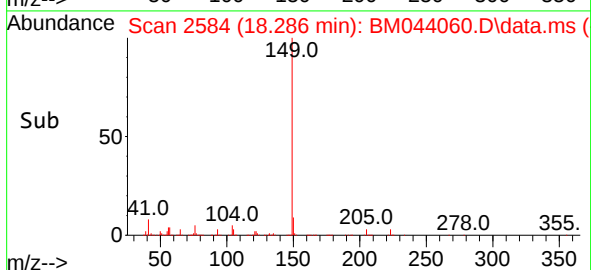
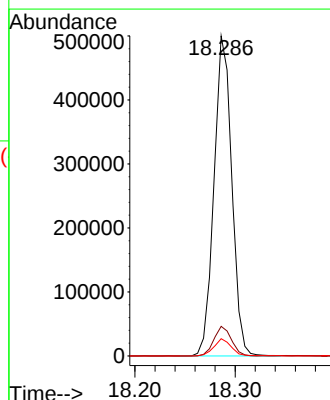
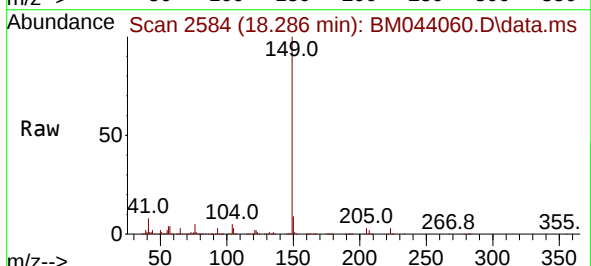
Tgt Ion:149 Resp: 616301

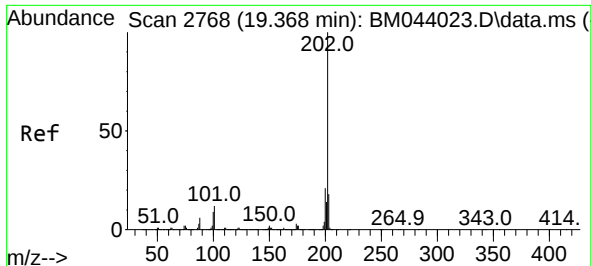
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

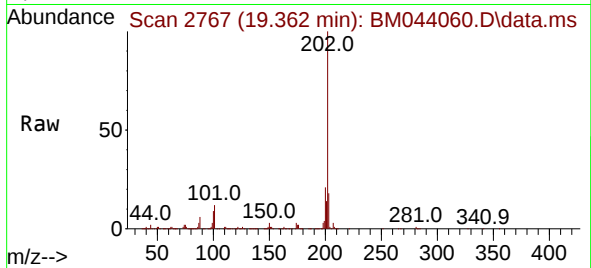
104 5.4 3.8 5.6





#75
Fluoranthene
Concen: 3.572 ng
RT: 19.362 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM044060.D
Acq: 12 Feb 2024 17:06

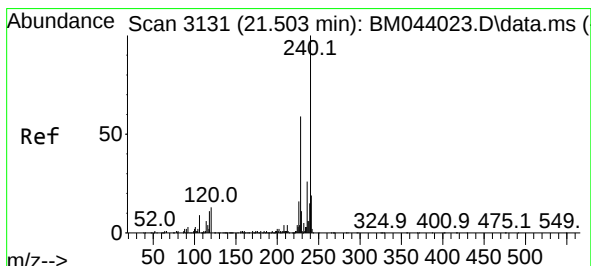
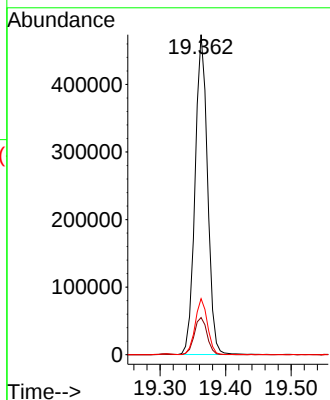
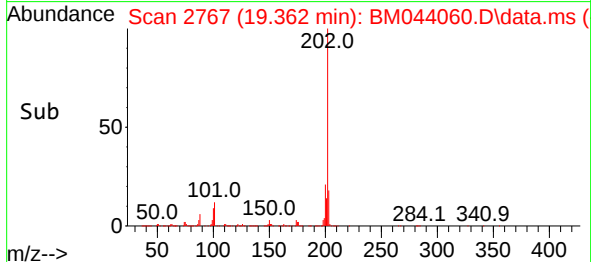
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion:202 Resp: 62672
Ion Ratio Lower Upper
202 100
101 11.6 0.0 32.4
203 17.5 0.0 37.8

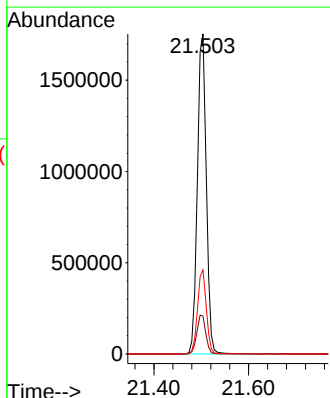
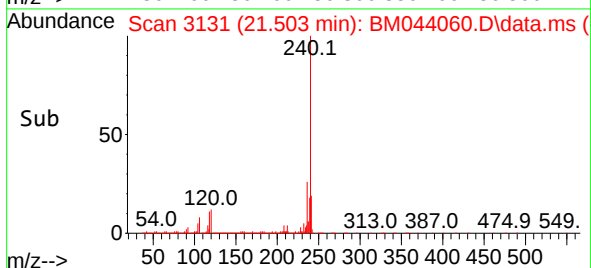
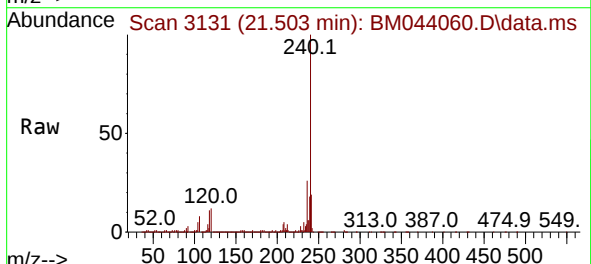
Manual Integrations
APPROVED

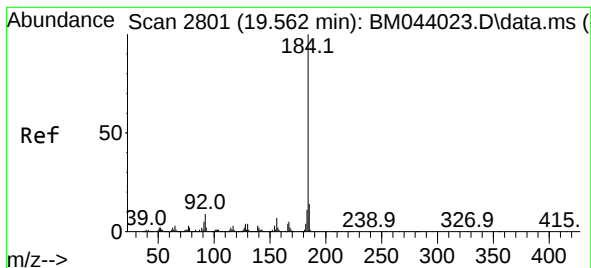
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.503 min Scan# 3131
Delta R.T. 0.000 min
Lab File: BM044060.D
Acq: 12 Feb 2024 17:06

Tgt Ion:240 Resp: 2294741
Ion Ratio Lower Upper
240 100
120 11.9 10.1 15.1
236 26.2 20.6 31.0





#77

Benzidine

Concen: 3.099 ng

RT: 19.562 min Scan# 2801

Delta R.T. 0.000 min

Lab File: BM044060.D

Acq: 12 Feb 2024 17:06

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2023

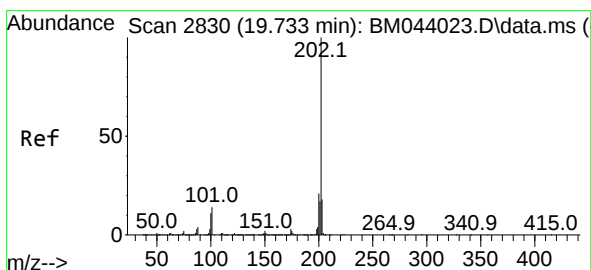
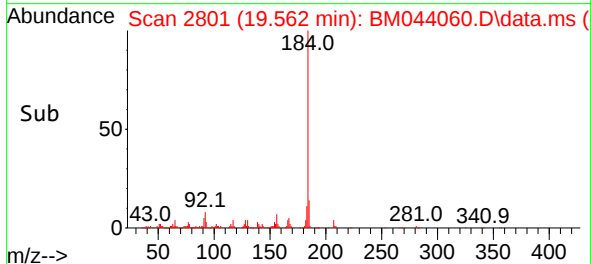
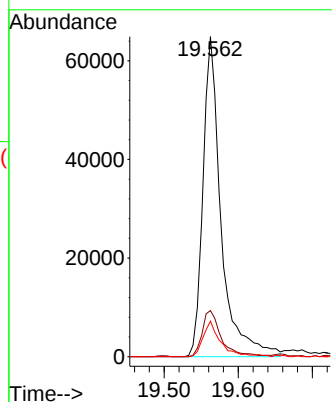
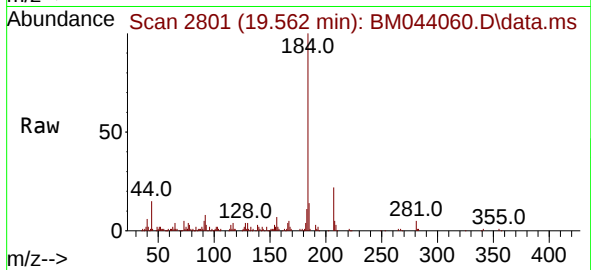
Tgt Ion:	184	Resp:	11050
Ion Ratio	Lower	Upper	
184	100		
185	14.4	11.0	16.6
183	11.1	9.0	13.4

Manual Integrations

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Reviewed By :Yogesh Patel 02/14/2024

Supervised By :mohammad ahmed 02/14/2024



#78

Pyrene

Concen: 3.676 ng

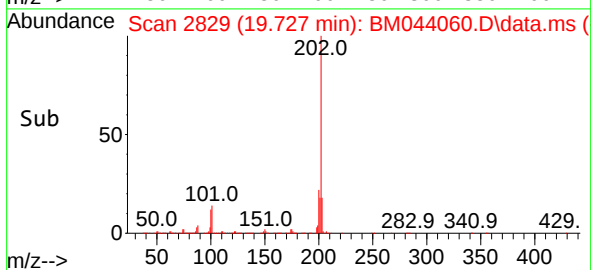
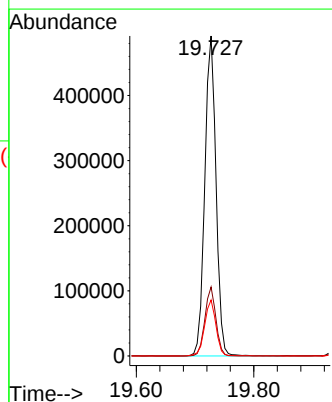
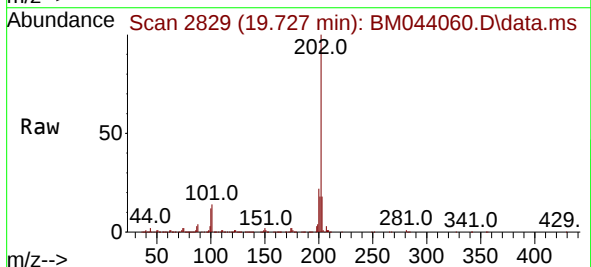
RT: 19.727 min Scan# 2829

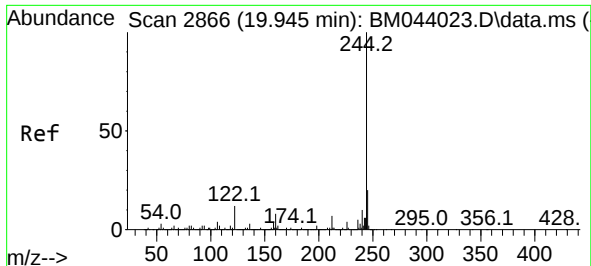
Delta R.T. -0.006 min

Lab File: BM044060.D

Acq: 12 Feb 2024 17:06

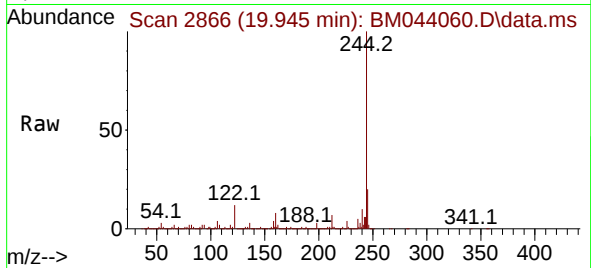
Tgt Ion:	202	Resp:	649720
Ion Ratio	Lower	Upper	
202	100		
200	21.5	16.8	25.2
203	17.5	14.0	21.0





#79
 Terphenyl-d14
 Concen: 77.656 ng
 RT: 19.945 min Scan# 2866
 Delta R.T. 0.000 min
 Lab File: BM044060.D
 Acq: 12 Feb 2024 17:06

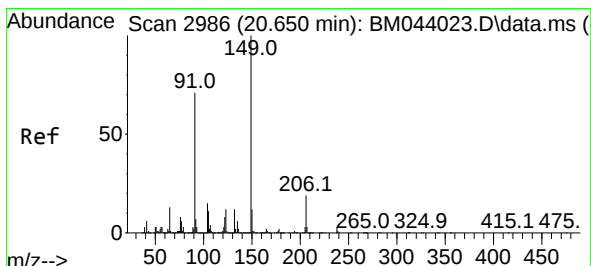
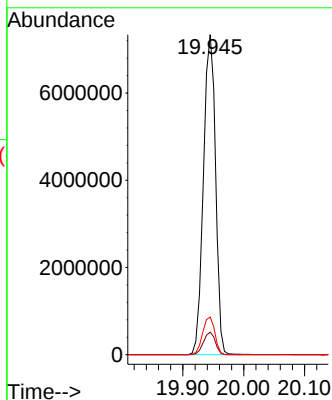
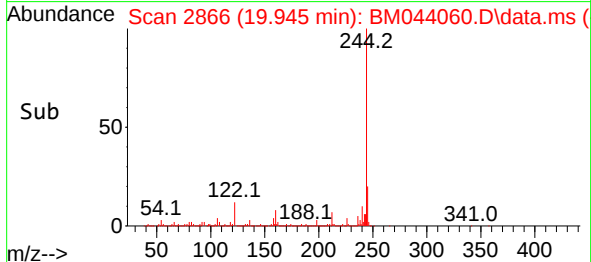
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT4-2023



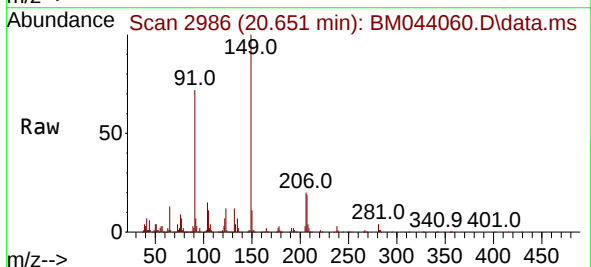
Tgt Ion:244 Resp:1016525
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 11.8 9.5 14.3

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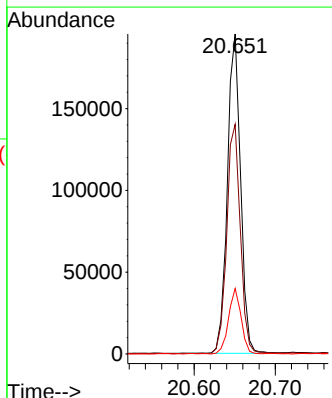
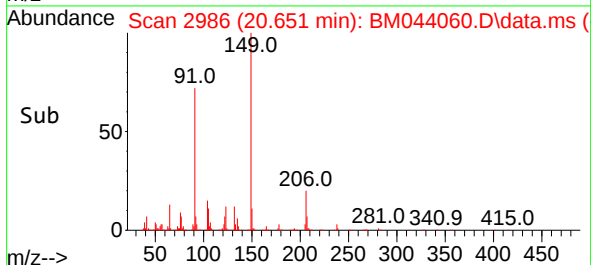
Reviewed By :Yogesh Patel 02/14/2024
 Supervised By :mohammad ahmed 02/14/2024

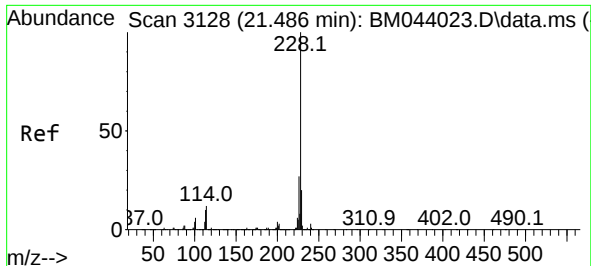


#80
 Butylbenzylphthalate
 Concen: 2.810 ng
 RT: 20.651 min Scan# 2986
 Delta R.T. 0.000 min
 Lab File: BM044060.D
 Acq: 12 Feb 2024 17:06



Tgt Ion:149 Resp: 220722
 Ion Ratio Lower Upper
 149 100
 91 71.8 56.8 85.2
 206 20.4 15.0 22.6





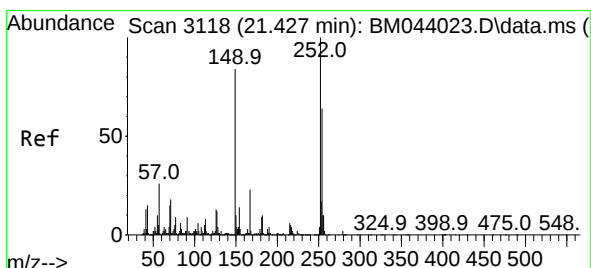
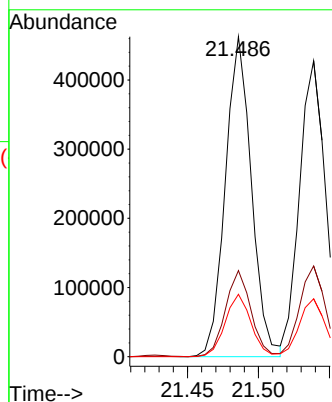
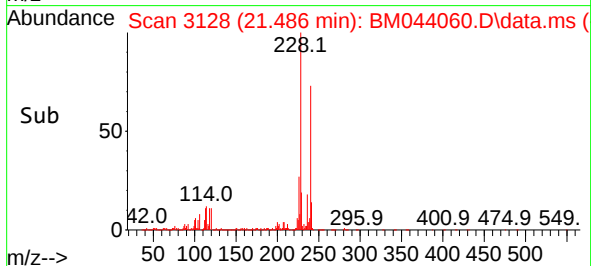
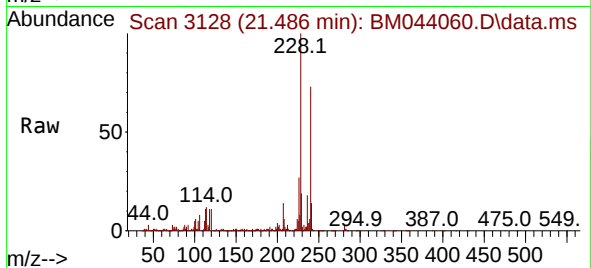
#81
Benzo(a)anthracene
Concen: 3.699 ng
RT: 21.486 min Scan# 3128
Delta R.T. 0.000 min
Lab File: BM044060.D
Acq: 12 Feb 2024 17:06

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

Tgt Ion:228 Resp: 59051
Ion Ratio Lower Upper
228 100
226 26.9 21.4 32.2
229 19.5 15.9 23.9

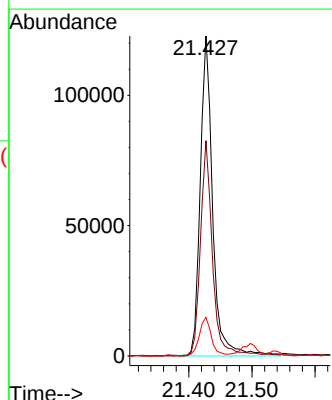
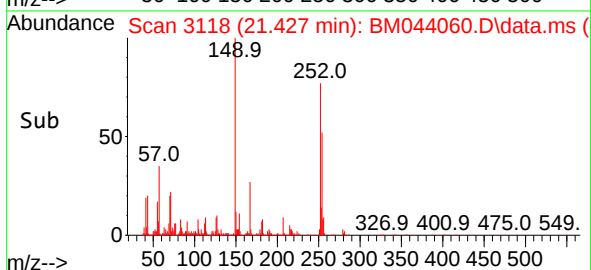
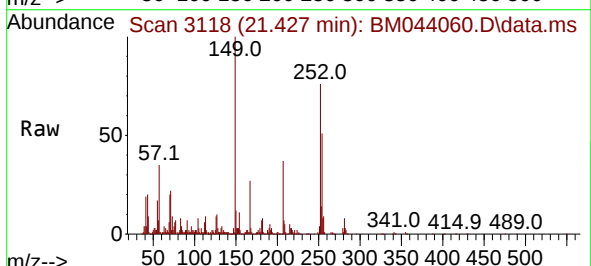
Manual Integrations
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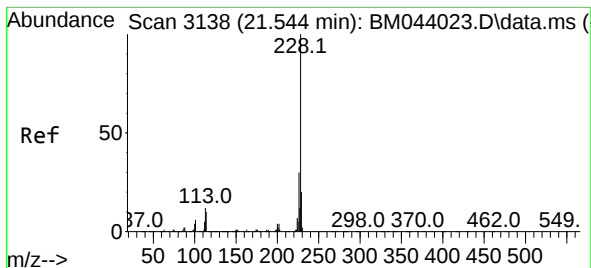
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#82
3,3'-Dichlorobenzidine
Concen: 3.208 ng
RT: 21.427 min Scan# 3118
Delta R.T. 0.000 min
Lab File: BM044060.D
Acq: 12 Feb 2024 17:06

Tgt Ion:252 Resp: 167986
Ion Ratio Lower Upper
252 100
254 67.3 51.2 76.8
126 12.0 10.2 15.4





#83

Chrysene

Concen: 3.610 ng

RT: 21.539 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BM044060.D

Acq: 12 Feb 2024 17:06

Instrument :

BNA_M

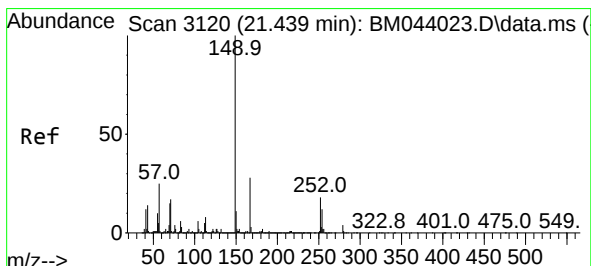
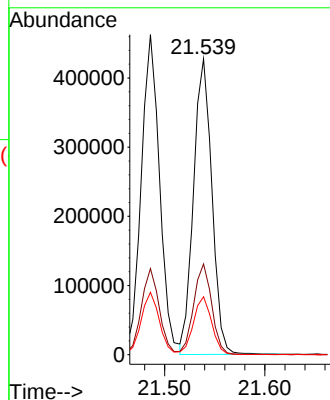
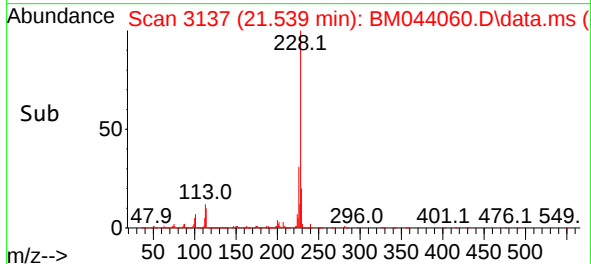
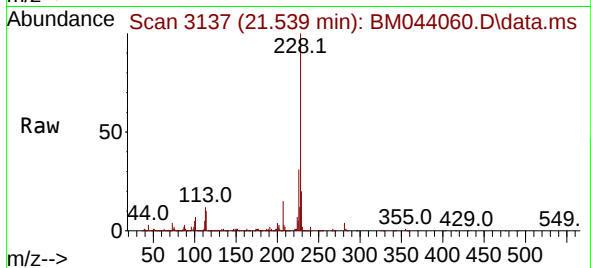
ClientSampleId :

MDL-WATER-03-QT4-2023

Tgt Ion:228 Resp: 544402
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.2 36.2
 229 19.6 15.8 23.8

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.965 ng

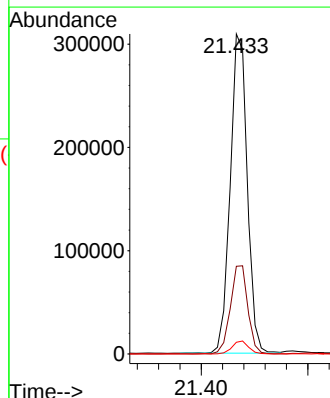
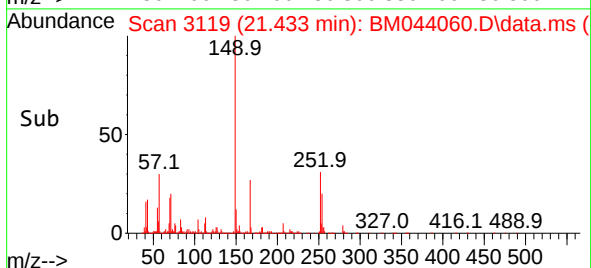
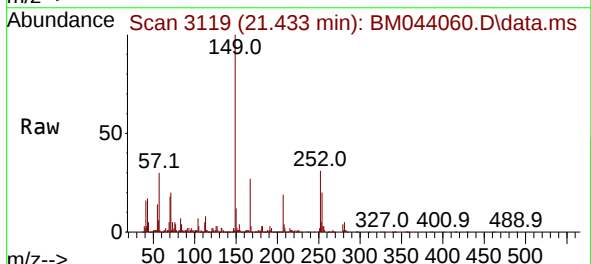
RT: 21.433 min Scan# 3119

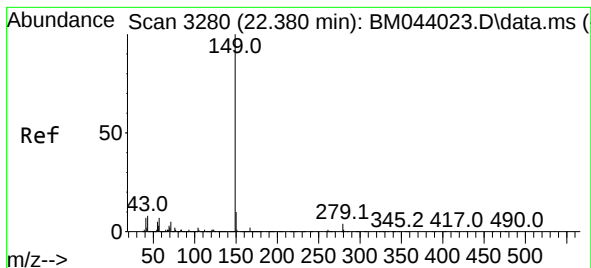
Delta R.T. -0.006 min

Lab File: BM044060.D

Acq: 12 Feb 2024 17:06

Tgt Ion:149 Resp: 343655
 Ion Ratio Lower Upper
 149 100
 167 27.4 22.6 33.8
 279 3.6 3.1 4.7





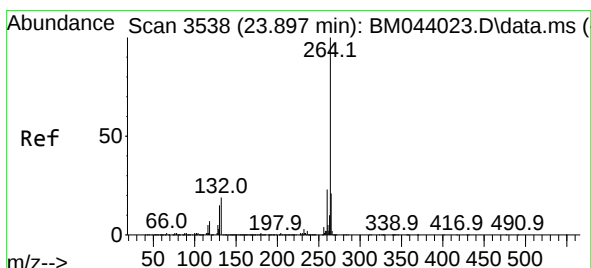
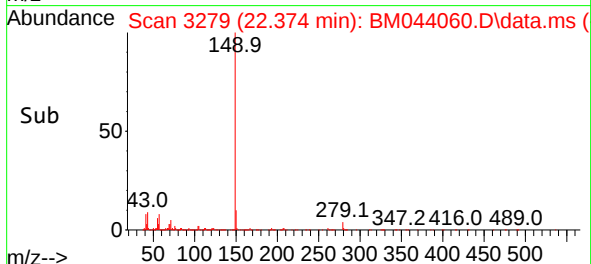
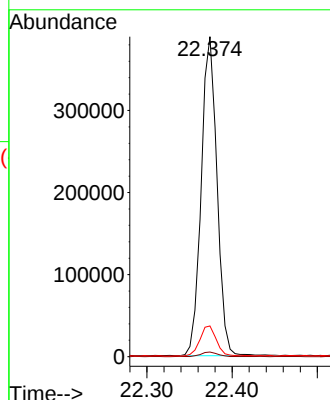
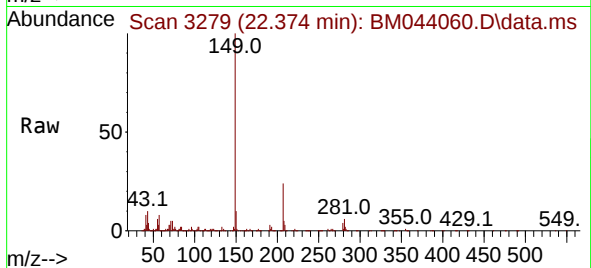
#85
Di-n-octyl phthalate
Concen: 2.475 ng
RT: 22.374 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM044060.D
Acq: 12 Feb 2024 17:06

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

Tgt Ion:149 Resp: 50091
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 10.0 7.0 10.4

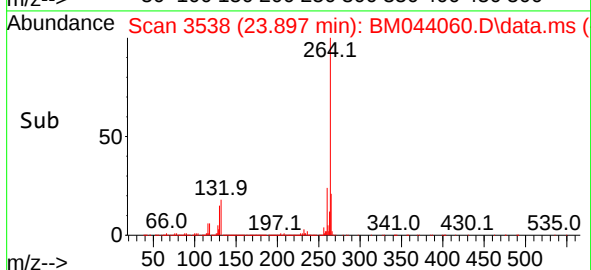
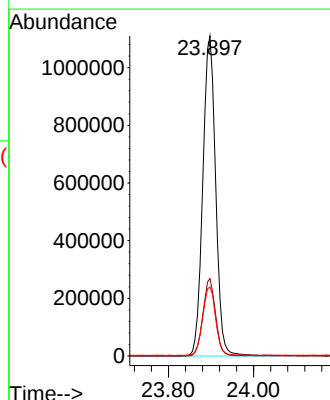
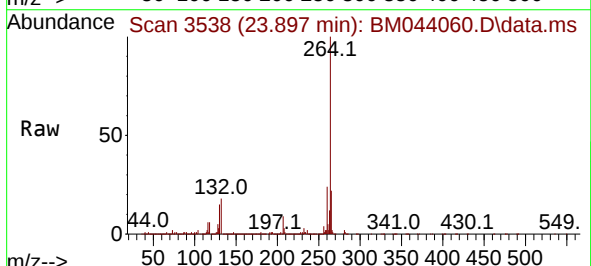
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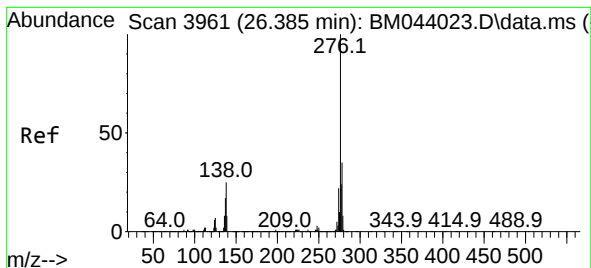
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.897 min Scan# 3538
Delta R.T. 0.000 min
Lab File: BM044060.D
Acq: 12 Feb 2024 17:06

Tgt Ion:264 Resp: 2325064
Ion Ratio Lower Upper
264 100
260 24.2 18.8 28.2
265 21.6 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.310 ng

RT: 26.374 min Scan# 3959

Delta R.T. -0.012 min

Lab File: BM044060.D

Acq: 12 Feb 2024 17:06

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2023

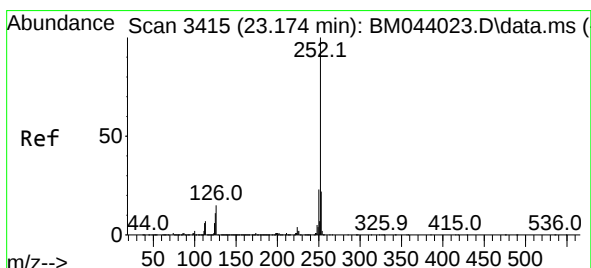
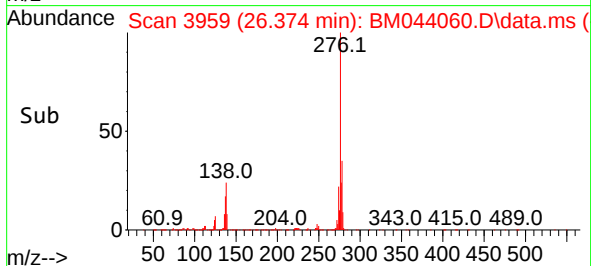
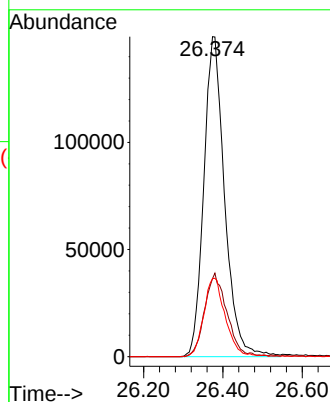
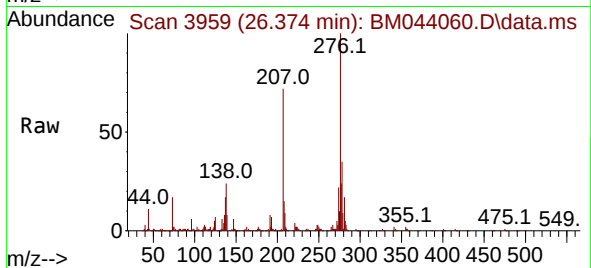
Tgt Ion:	276	Resp:	54477
Ion Ratio	Lower	Upper	
276	100		
138	28.0	22.6	34.0
277	25.3	20.2	30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/14/2024

Supervised By :mohammad ahmed 02/14/2024



#88

Benzo(b)fluoranthene

Concen: 3.606 ng

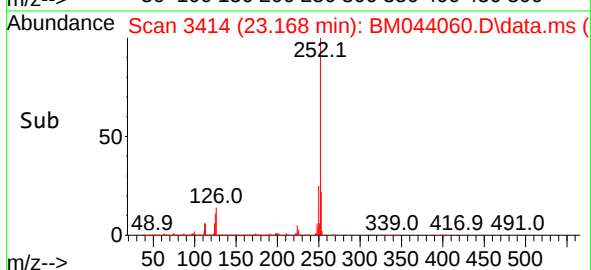
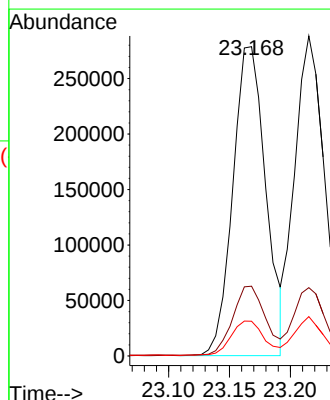
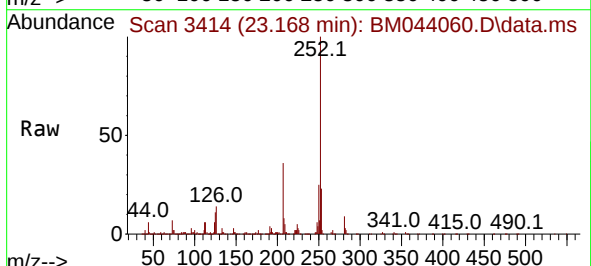
RT: 23.168 min Scan# 3414

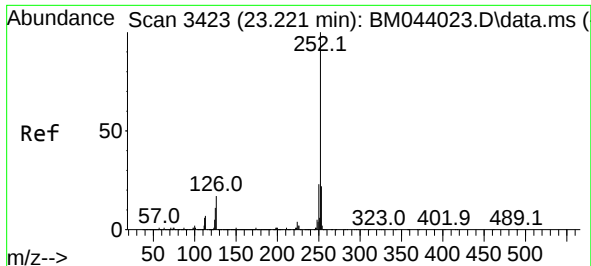
Delta R.T. -0.006 min

Lab File: BM044060.D

Acq: 12 Feb 2024 17:06

Tgt Ion:	252	Resp:	524146
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.6	26.4
125	11.2	8.8	13.2





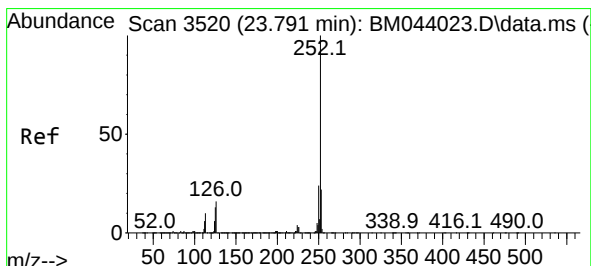
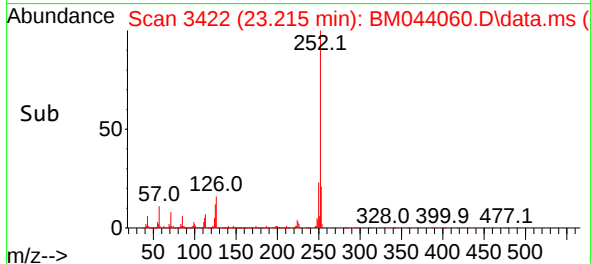
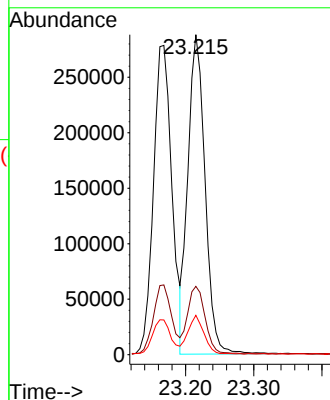
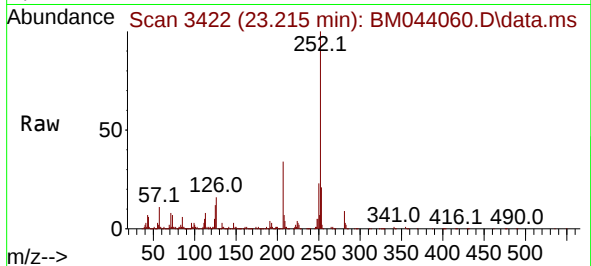
#89
Benzo(k)fluoranthene
Concen: 3.624 ng
RT: 23.215 min Scan# 3423
Delta R.T. -0.006 min
Lab File: BM044060.D
Acq: 12 Feb 2024 17:06

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

Tgt Ion:252 Resp: 500510
Ion Ratio Lower Upper
252 100
253 21.3 17.7 26.5
125 12.3 9.0 13.4

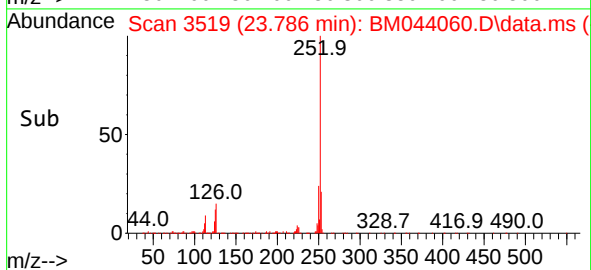
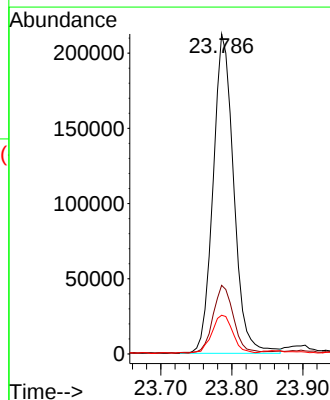
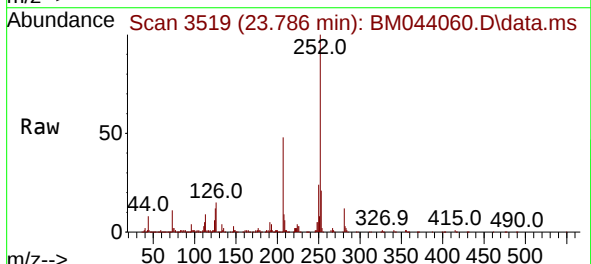
Manual Integrations
APPROVED

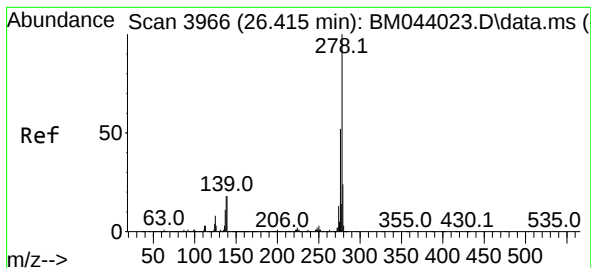
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#90
Benzo(a)pyrene
Concen: 3.374 ng
RT: 23.786 min Scan# 3519
Delta R.T. -0.006 min
Lab File: BM044060.D
Acq: 12 Feb 2024 17:06

Tgt Ion:252 Resp: 428361
Ion Ratio Lower Upper
252 100
253 21.5 17.7 26.5
125 12.1 10.1 15.1





#91

Dibenzo(a,h)anthracene

Concen: 3.373 ng

RT: 26.403 min Scan# 3966

Delta R.T. -0.012 min

Lab File: BM044060.D

Acq: 12 Feb 2024 17:06

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2023

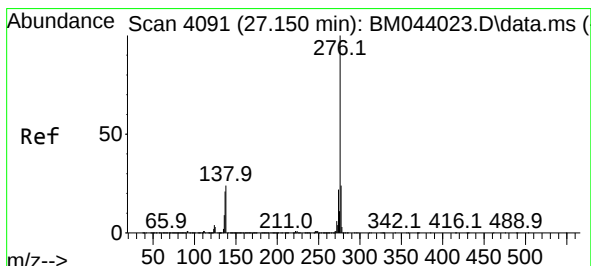
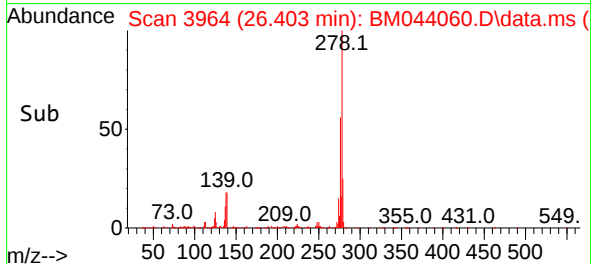
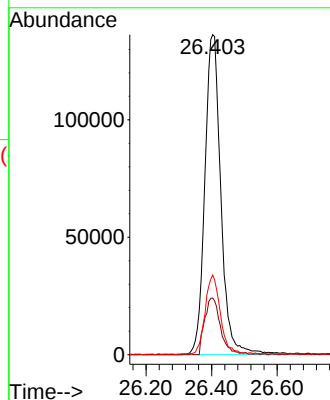
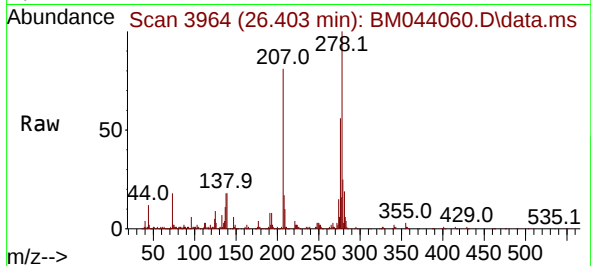
Tgt Ion:	278	Resp:	464300
Ion Ratio	Lower	Upper	
278	100		
139	17.7	14.5	21.7
279	24.9	18.9	28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/14/2024

Supervised By :mohammad ahmed 02/14/2024



#92

Benzo(g,h,i)perylene

Concen: 3.184 ng

RT: 27.133 min Scan# 4088

Delta R.T. -0.017 min

Lab File: BM044060.D

Acq: 12 Feb 2024 17:06

Tgt Ion:	276	Resp:	444511
Ion Ratio	Lower	Upper	
276	100		
277	23.3	19.0	28.4
138	24.5	19.1	28.7

