

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021224\
 Data File : BM044055.D
 Acq On : 12 Feb 2024 14:05
 Operator : MA/JU
 Sample : 03572-09
 Misc : MDL-MDL-WATER-8PPM
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT3-2023

Manual Integrations
 APPROVED

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

Quant Time: Feb 12 14:42:14 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	473028	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	1917278	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	1074269	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	2105289	20.000	ng	0.00
76) Chrysene-d12	21.498	240	1713198	20.000	ng	0.00
86) Perylene-d12	23.892	264	1913465	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	2718835	83.597	ng	0.00
7) Phenol-d6	7.075	99	3466042	83.760	ng	0.00
23) Nitrobenzene-d5	9.075	82	2254992	62.410	ng	0.00
42) 2,4,6-Tribromophenol	16.039	330	972506	83.610	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	4705375	61.817	ng	0.00
79) Terphenyl-d14	19.939	244	5928454	60.663	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	85044	6.589	ng	99
3) Pyridine	3.787	79	196779	5.775	ng	98
4) n-Nitrosodimethylamine	3.710	42	80020	6.189	ng	# 96
6) Aniline	7.240	93	286300	7.037	ng	98
8) 2-Chlorophenol	7.469	128	202976	5.976	ng	98
9) Benzaldehyde	7.051	77	179734m	8.452	ng	
10) Phenol	7.098	94	255811	6.125	ng	97
11) bis(2-Chloroethyl)ether	7.340	93	209521	6.058	ng	98
12) 1,3-Dichlorobenzene	7.793	146	225828	5.856	ng	97
13) 1,4-Dichlorobenzene	7.940	146	231378	5.953	ng	99
14) 1,2-Dichlorobenzene	8.251	146	218569	5.901	ng	98
15) Benzyl Alcohol	8.151	79	159426	5.917	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.445	45	271628	6.196	ng	100
17) 2-Methylphenol	8.351	107	159139	5.805	ng	97
18) Hexachloroethane	8.975	117	82447	5.665	ng	98
19) n-Nitroso-di-n-propyla...	8.716	70	150400	5.919	ng	99
20) 3+4-Methylphenols	8.681	107	211761	5.612	ng	100
22) Acetophenone	8.734	105	310483	6.380	ng	# 96
24) Nitrobenzene	9.116	77	230206	6.222	ng	98
25) Isophorone	9.640	82	398856	5.733	ng	100
26) 2-Nitrophenol	9.822	139	86969	5.070	ng	94
27) 2,4-Dimethylphenol	9.887	122	148720	6.780	ng	94
28) bis(2-Chloroethoxy)met...	10.134	93	274866	6.109	ng	97
29) 2,4-Dichlorophenol	10.351	162	160905	5.572	ng	97
30) 1,2,4-Trichlorobenzene	10.569	180	191282	5.890	ng	98
31) Naphthalene	10.757	128	642979	6.076	ng	99
32) Benzoic acid	9.957	122	69578m	3.149	ng	
33) 4-Chloroaniline	10.875	127	247291	6.172	ng	98
34) Hexachlorobutadiene	11.034	225	103813	5.585	ng	98
35) Caprolactam	11.645	113	43609	4.693	ng	96
36) 4-Chloro-3-methylphenol	11.998	107	166558	5.326	ng	100
37) 2-Methylnaphthalene	12.369	142	413033	5.860	ng	96
38) 1-Methylnaphthalene	12.586	142	406307	5.866	ng	99
40) 1,2,4,5-Tetrachloroben...	12.733	216	197072	6.311	ng	99
41) Hexachlorocyclopentadiene	12.704	237	98461	7.225	ng	97
43) 2,4,6-Trichlorophenol	12.980	196	111542	5.249	ng	99

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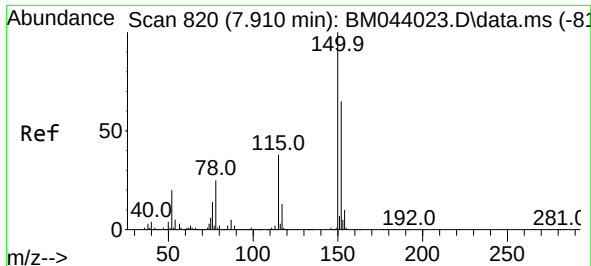
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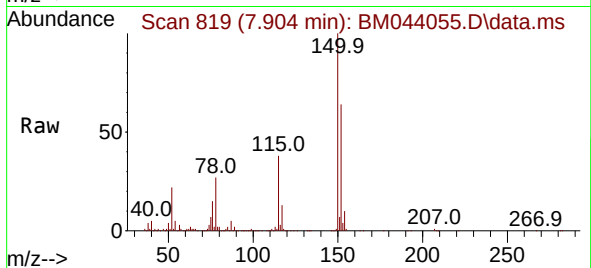
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.045	196	125826	5.396	ng	97
46) 1,1'-Biphenyl	13.386	154	543864	6.416	ng	99
47) 2-Chloronaphthalene	13.422	162	410398	6.112	ng	99
48) 2-Nitroaniline	13.633	65	101903	5.394	ng	88
49) Acenaphthylene	14.269	152	654113	6.530	ng	99
50) Dimethylphthalate	14.016	163	483537	6.071	ng	99
51) 2,6-Dinitrotoluene	14.139	165	90281	5.137	ng	91
52) Acenaphthene	14.610	154	378069	6.098	ng	98
53) 3-Nitroaniline	14.463	138	98669	5.224	ng	92
54) 2,4-Dinitrophenol	14.669	184	31083	8.328	ng	92
55) Dibenzofuran	14.945	168	609358	6.350	ng	99
56) 4-Nitrophenol	14.763	139	69776	4.545	ng	92
57) 2,4-Dinitrotoluene	14.922	165	110842	4.826	ng	# 90
58) Fluorene	15.598	166	471184	6.354	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.169	232	105193	5.749	ng	99
60) Diethylphthalate	15.380	149	461394	5.605	ng	98
61) 4-Chlorophenyl-phenyle...	15.598	204	227786	6.340	ng	99
62) 4-Nitroaniline	15.627	138	91736	4.826	ng	99
63) Azobenzene	15.892	77	456602	5.912	ng	98
65) 4,6-Dinitro-2-methylph...	15.680	198	48624	3.876	ng	97
66) n-Nitrosodiphenylamine	15.816	169	391610	6.123	ng	99
67) 4-Bromophenyl-phenylether	16.498	248	109712	5.271	ng	97
68) Hexachlorobenzene	16.592	284	149630	5.868	ng	98
69) Atrazine	16.774	200	117292	6.772	ng	99
70) Pentachlorophenol	16.945	266	69720	4.203	ng	100
71) Phenanthrene	17.339	178	712717	6.411	ng	99
72) Anthracene	17.433	178	682714	6.203	ng	99
73) Carbazole	17.710	167	625395	5.843	ng	100
74) Di-n-butylphthalate	18.286	149	695725	5.001	ng	99
75) Fluoranthene	19.362	202	728419	5.833	ng	99
77) Benzidine	19.562	184	258382	9.705	ng	98
78) Pyrene	19.727	202	765299	5.800	ng	100
80) Butylbenzylphthalate	20.651	149	259876	4.431	ng	98
81) Benzo(a)anthracene	21.486	228	722901	6.066	ng	98
82) 3,3'-Dichlorobenzidine	21.427	252	227160	5.810	ng	99
83) Chrysene	21.539	228	675672	6.001	ng	99
84) Bis(2-ethylhexyl)phtha...	21.433	149	394941	4.564	ng	99
85) Di-n-octyl phthalate	22.374	149	623007	4.122	ng	98
87) Indeno(1,2,3-cd)pyrene	26.374	276	792643	5.853	ng	99
88) Benzo(b)fluoranthene	23.168	252	712505	5.957	ng	99
89) Benzo(k)fluoranthene	23.215	252	638229	5.615	ng	99
90) Benzo(a)pyrene	23.786	252	582317	5.574	ng	99
91) Dibenzo(a,h)anthracene	26.403	278	671104	5.924	ng	99
92) Benzo(g,h,i)perylene	27.132	276	649507	5.653	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

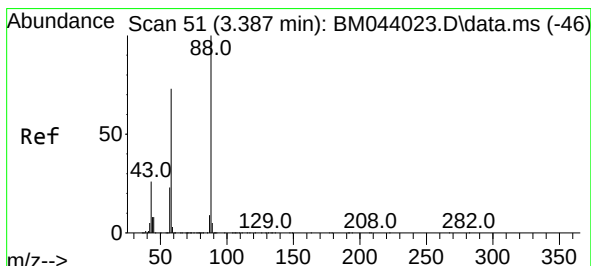
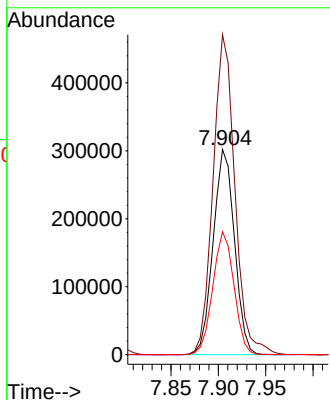
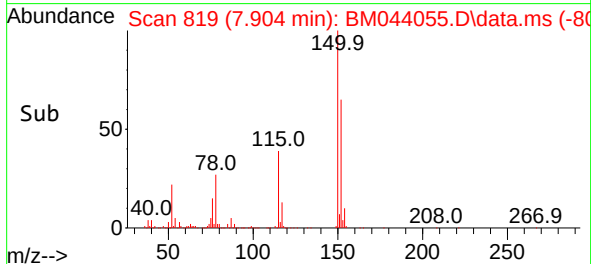
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023



Tgt Ion:152 Resp: 473028
Ion Ratio Lower Upper
152 100
150 155.9 122.7 184.1
115 59.9 47.0 70.6

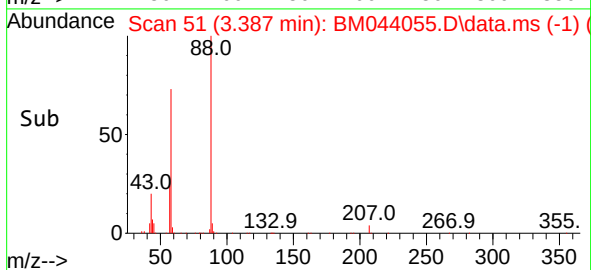
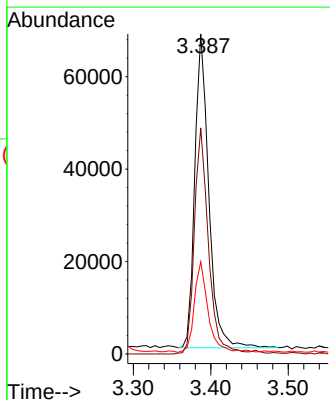
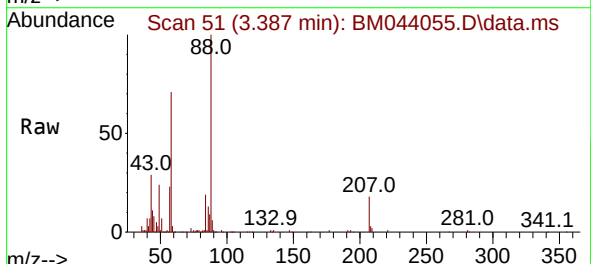
Manual Integrations
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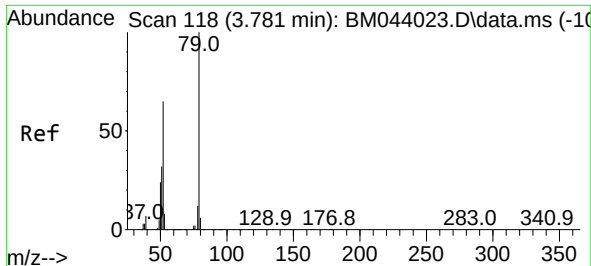
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#2
1,4-Dioxane
Concen: 6.589 ng
RT: 3.387 min Scan# 51
Delta R.T. 0.000 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

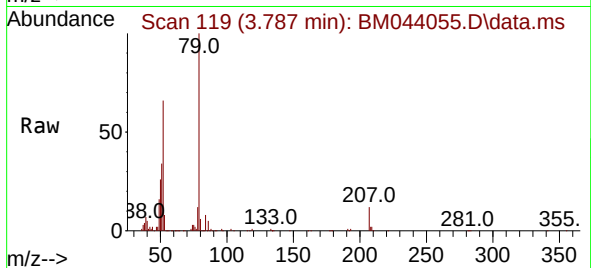
Tgt Ion: 88 Resp: 85044
Ion Ratio Lower Upper
88 100
58 72.3 58.1 87.1
43 28.6 21.1 31.7





#3
Pyridine
Concen: 5.775 ng
RT: 3.787 min Scan# 118
Delta R.T. 0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

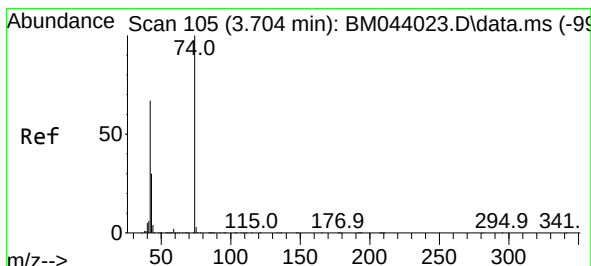
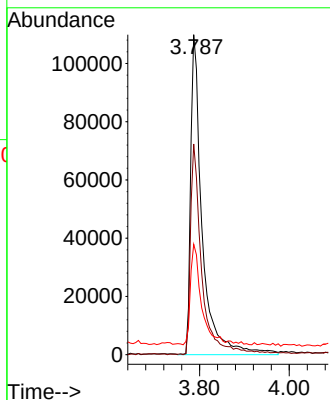
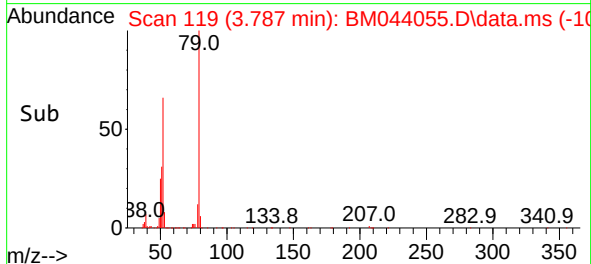
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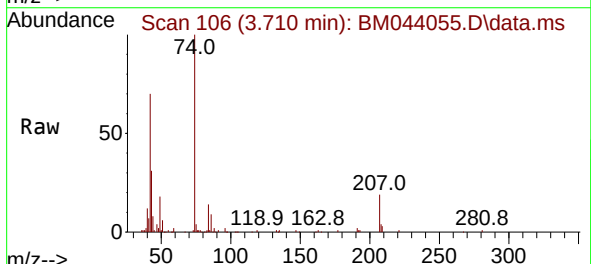
Tgt Ion: 79 Resp: 196779
Ion Ratio Lower Upper
79 100
52 65.9 52.2 78.2
51 34.5 26.2 39.4

Manual Integrations
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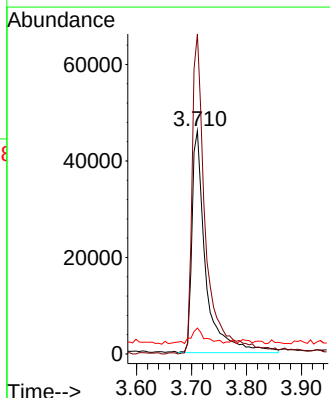
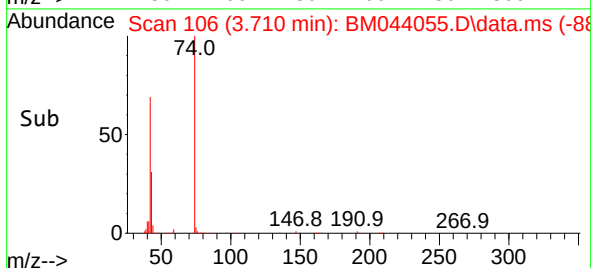
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Supervised By :mohammad ahmed 02/14/2024

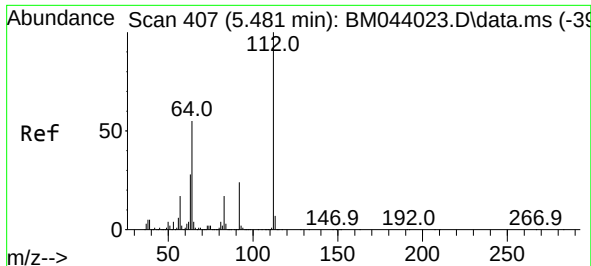


#4
n-Nitrosodimethylamine
Concen: 6.189 ng
RT: 3.710 min Scan# 106
Delta R.T. 0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05



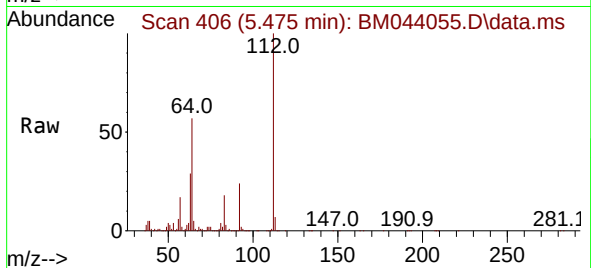
Tgt Ion: 42 Resp: 80020
Ion Ratio Lower Upper
42 100
74 143.4 118.6 178.0
44 11.6 5.6 8.4





#5
2-Fluorophenol
Concen: 83.597 ng
RT: 5.475 min Scan# 407
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

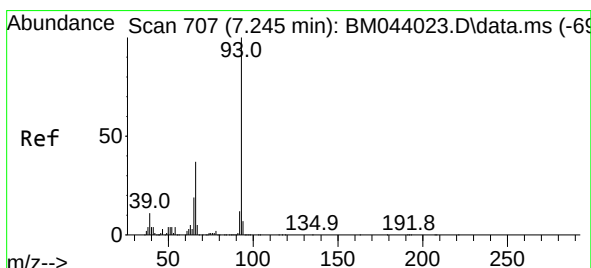
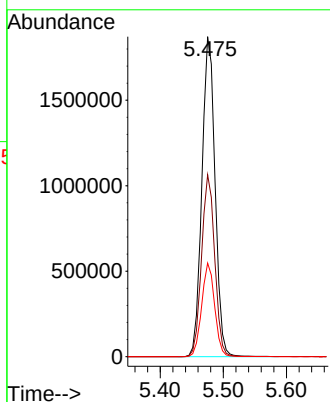
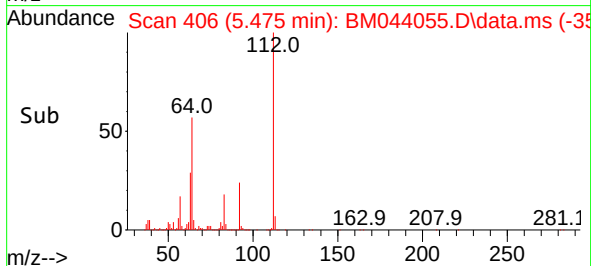
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023



Tgt Ion:112 Resp: 271883
Ion Ratio Lower Upper
112 100
64 56.8 44.2 66.4
63 29.3 22.6 34.0

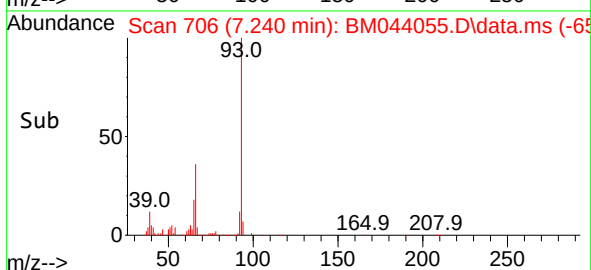
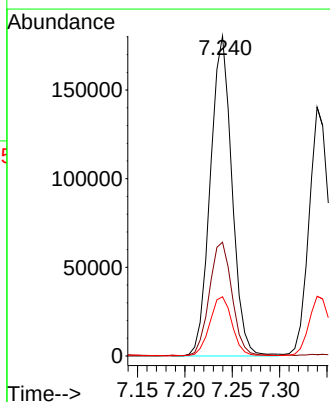
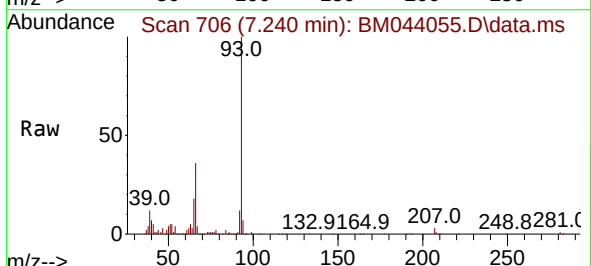
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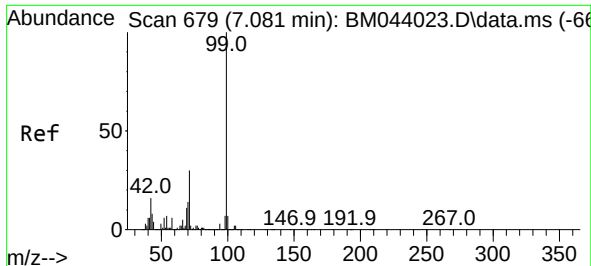
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#6
Aniline
Concen: 7.037 ng
RT: 7.240 min Scan# 706
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

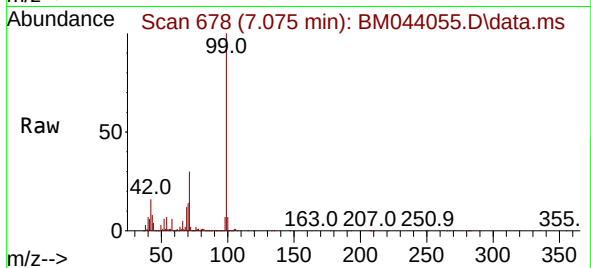
Tgt Ion: 93 Resp: 286300
Ion Ratio Lower Upper
93 100
66 35.5 29.4 44.0
65 18.5 15.2 22.8





#7
Phenol-d6
Concen: 83.760 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

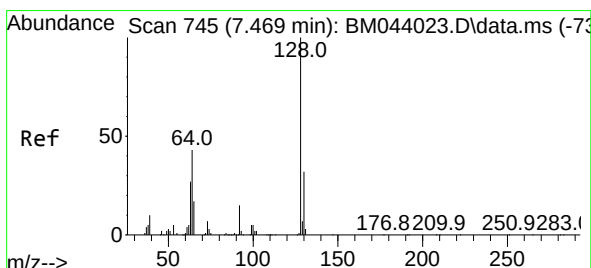
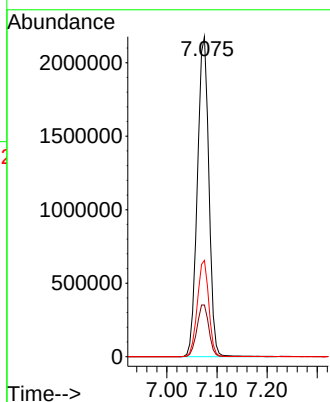
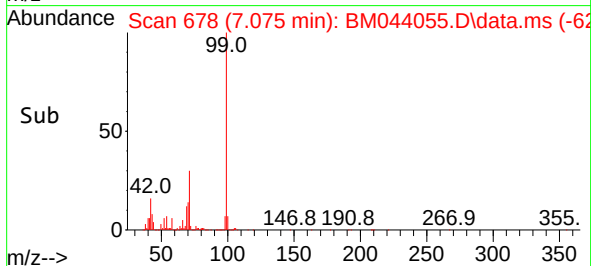
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023



Tgt Ion: 99 Resp: 346604
Ion Ratio Lower Upper
99 100
42 16.2 12.9 19.3
71 30.1 23.9 35.9

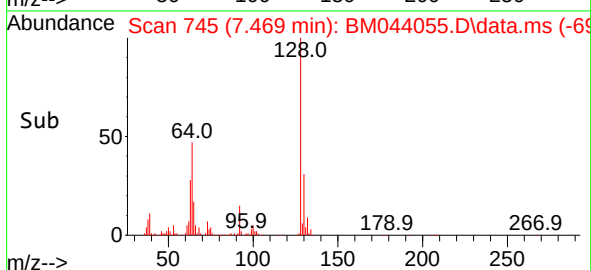
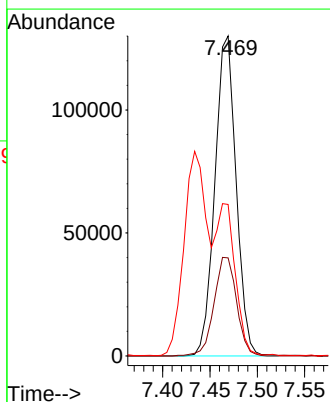
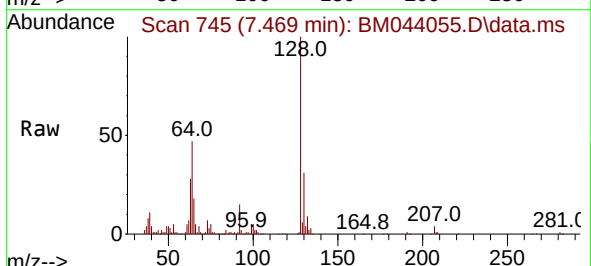
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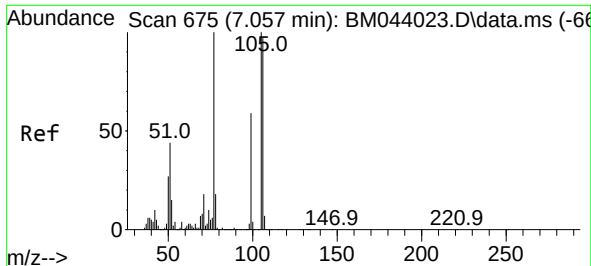
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#8
2-Chlorophenol
Concen: 5.976 ng
RT: 7.469 min Scan# 745
Delta R.T. 0.000 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

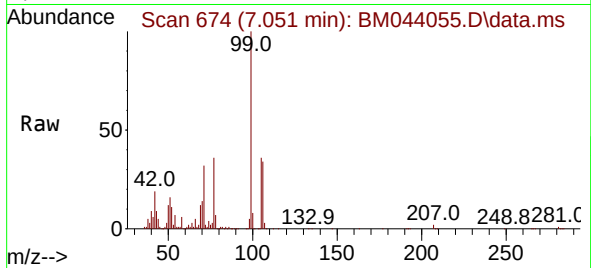
Tgt Ion:128 Resp: 202976
Ion Ratio Lower Upper
128 100
130 30.6 12.1 52.1
64 47.3 26.0 66.0





#9
Benzaldehyde
Concen: 8.452 ng m
RT: 7.051 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

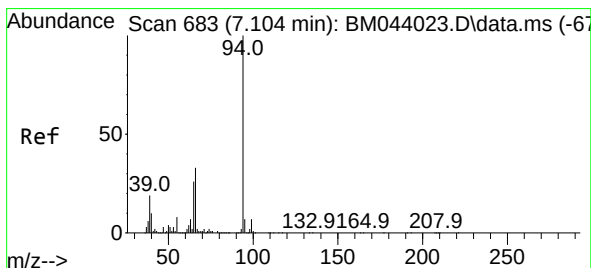
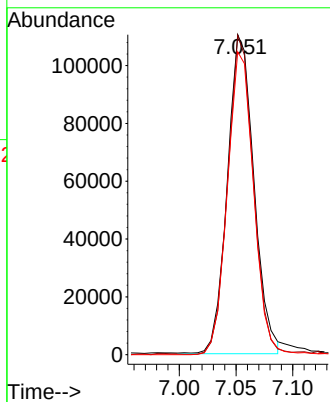
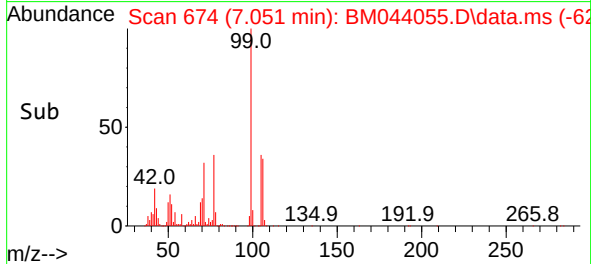
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023



Tgt Ion: 77 Resp: 179734
Ion Ratio Lower Upper
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105 99.8 80.0 120.0
106 94.6 76.8 116.8

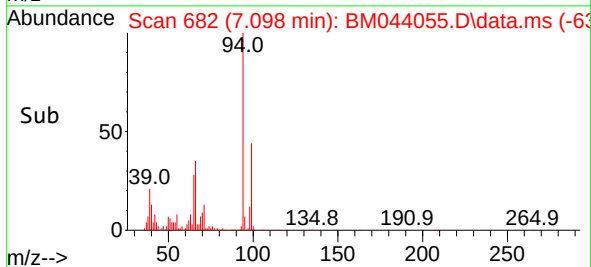
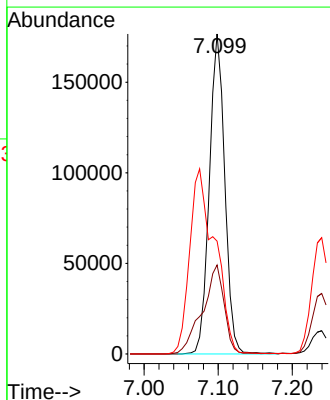
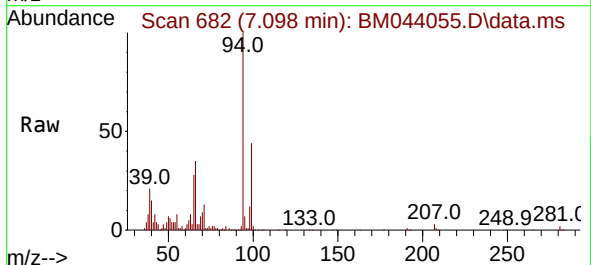
Manual Integrations
APPROVED

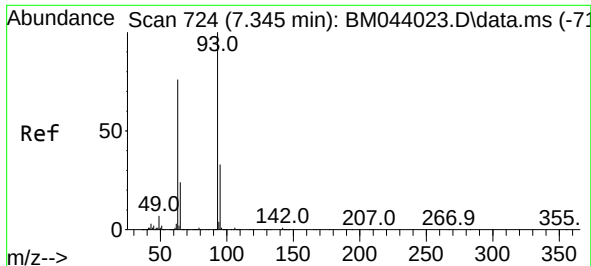
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#10
Phenol
Concen: 6.125 ng
RT: 7.098 min Scan# 682
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

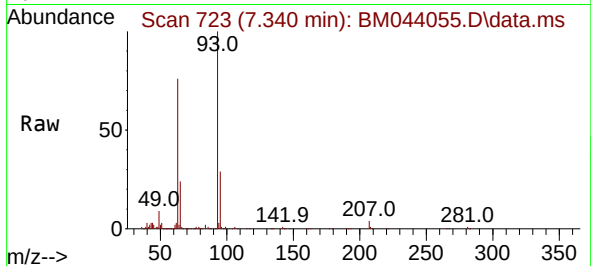
Tgt Ion: 94 Resp: 255811
Ion Ratio Lower Upper
94 100
65 27.8 6.4 46.4
66 35.3 13.2 53.2





#11
bis(2-Chloroethyl)ether
Concen: 6.058 ng
RT: 7.340 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

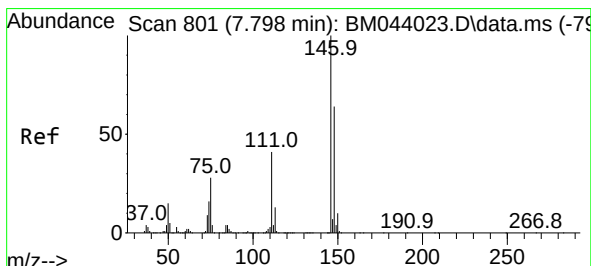
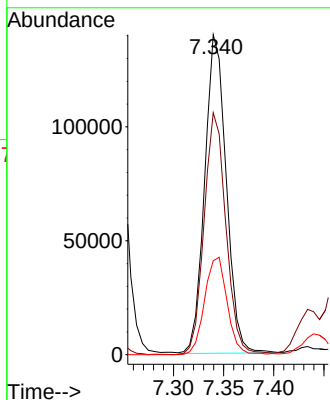
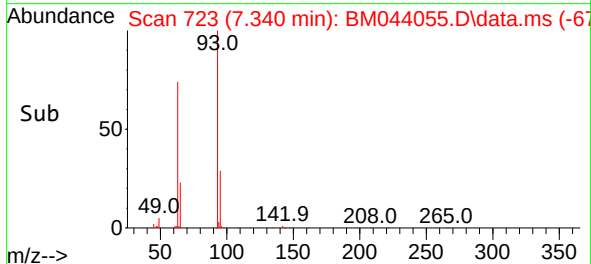
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023



Tgt Ion: 93 Resp: 20952
Ion Ratio Lower Upper
93 100
63 75.6 55.9 95.9
95 29.3 13.0 53.0

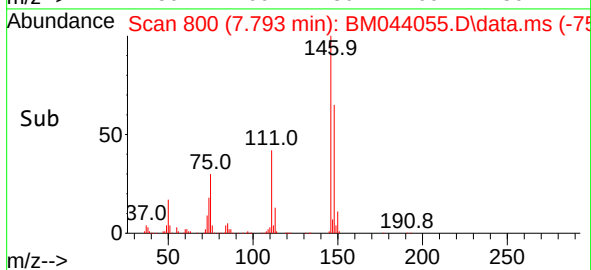
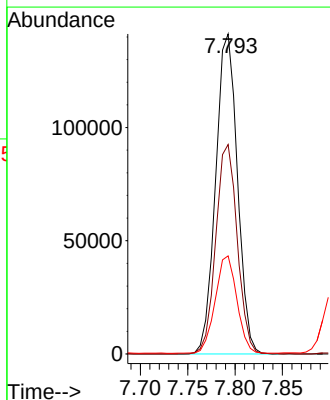
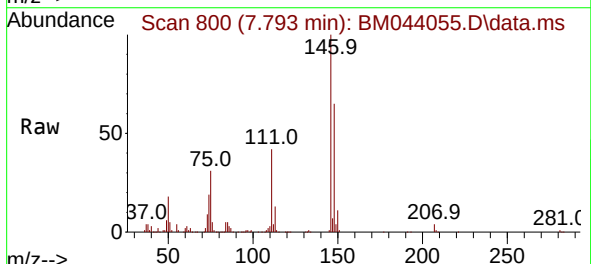
Manual Integrations
APPROVED

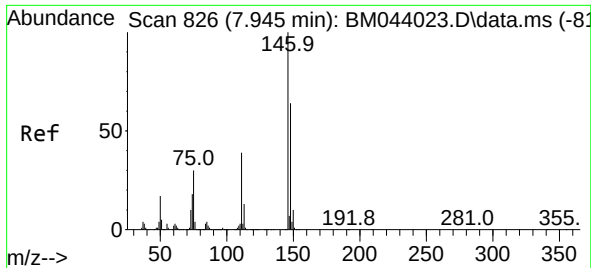
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#12
1,3-Dichlorobenzene
Concen: 5.856 ng
RT: 7.793 min Scan# 800
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

Tgt Ion:146 Resp: 225828
Ion Ratio Lower Upper
146 100
148 65.5 51.3 76.9
75 30.7 22.7 34.1





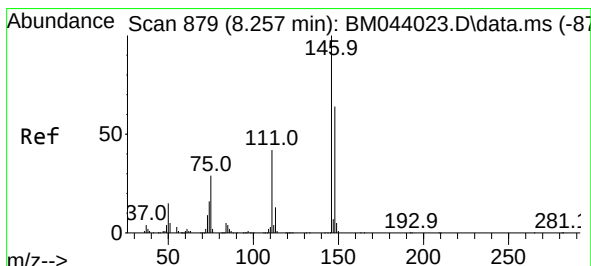
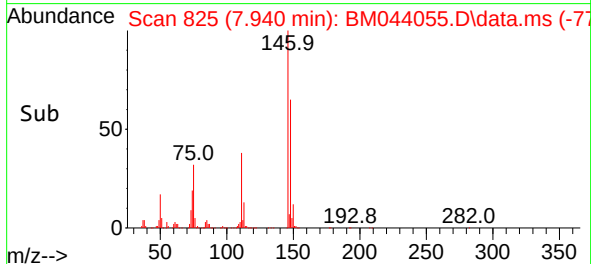
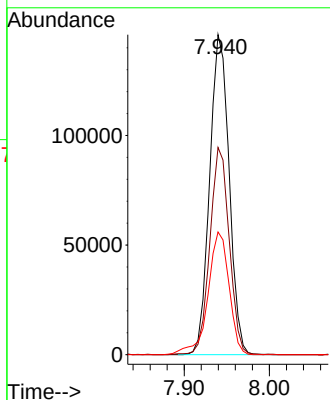
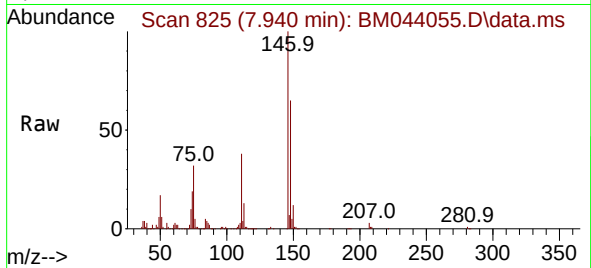
#13
1,4-Dichlorobenzene
Concen: 5.953 ng
RT: 7.940 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023

Tgt Ion:146 Resp: 231378
Ion Ratio Lower Upper
146 100
148 64.8 51.2 76.8
111 38.4 31.2 46.8

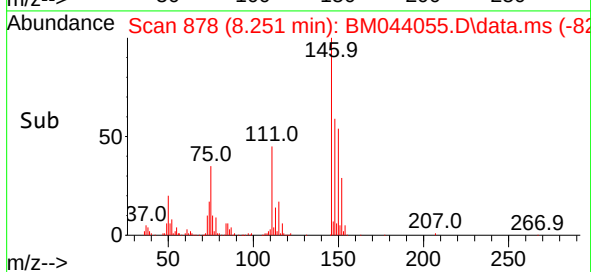
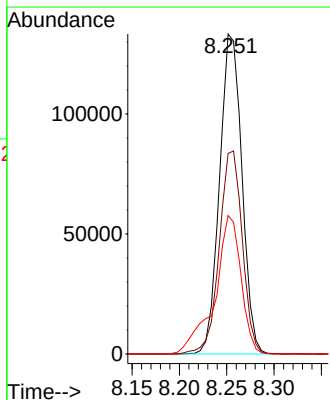
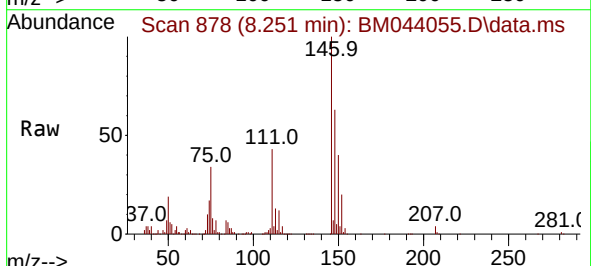
Manual Integrations
APPROVED

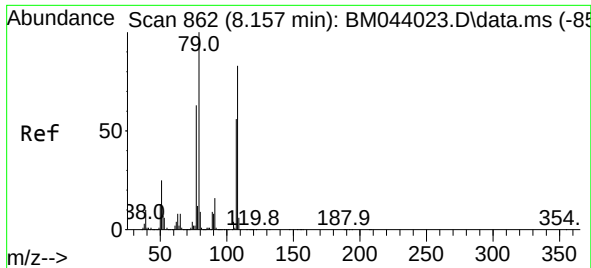
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#14
1,2-Dichlorobenzene
Concen: 5.901 ng
RT: 8.251 min Scan# 878
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

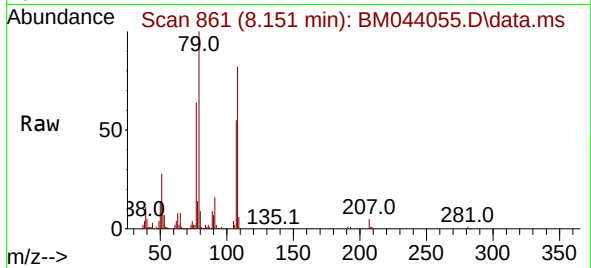
Tgt Ion:146 Resp: 218569
Ion Ratio Lower Upper
146 100
148 62.7 51.4 77.2
111 43.2 33.7 50.5





#15
Benzyl Alcohol
Concen: 5.917 ng
RT: 8.151 min Scan# 861
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

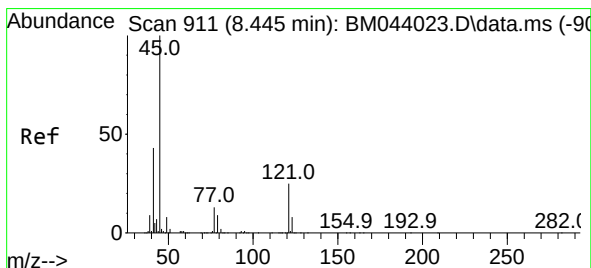
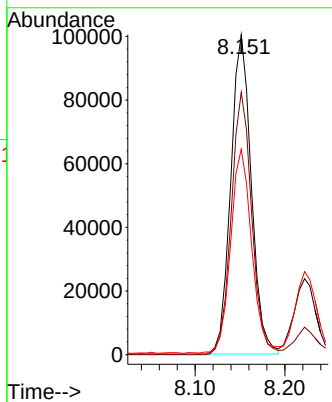
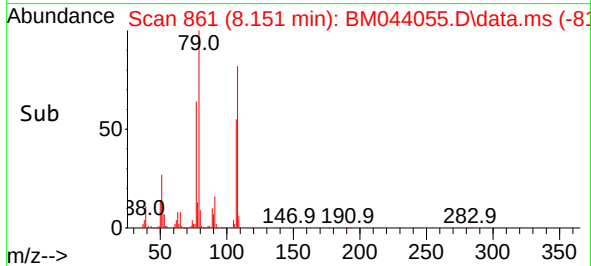
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT3-2023



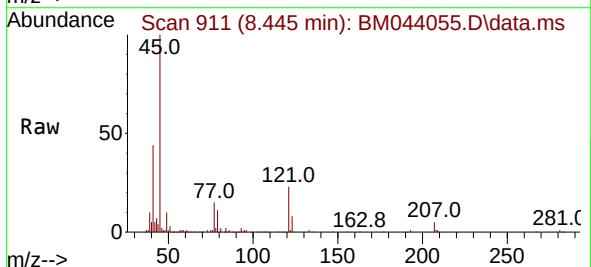
Tgt Ion: 79 Resp: 159420
Ion Ratio Lower Upper
79 100
108 81.9 66.0 99.0
77 64.2 50.4 75.6

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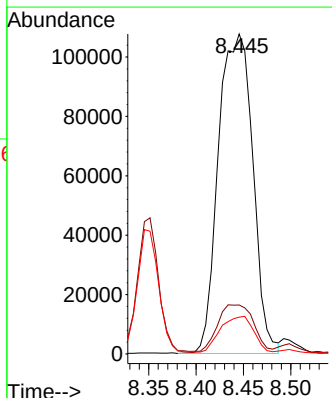
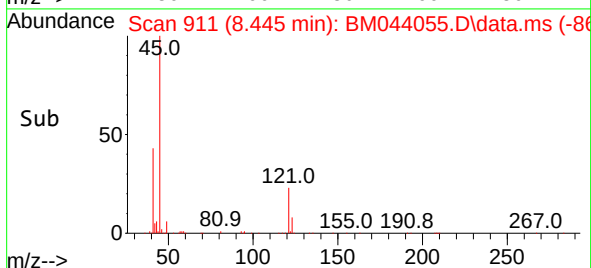
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024

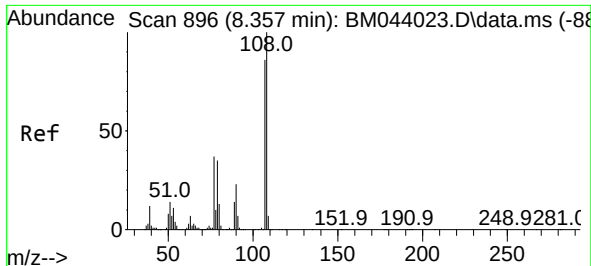


#16
2,2'-oxybis(1-Chloropropane)
Concen: 6.196 ng
RT: 8.445 min Scan# 911
Delta R.T. 0.000 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05



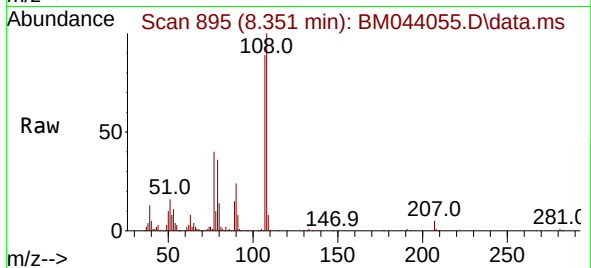
Tgt Ion: 45 Resp: 271628
Ion Ratio Lower Upper
45 100
77 15.3 0.0 35.1
79 11.5 0.0 31.5





#17
2-Methylphenol
Concen: 5.805 ng
RT: 8.351 min Scan# 896
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

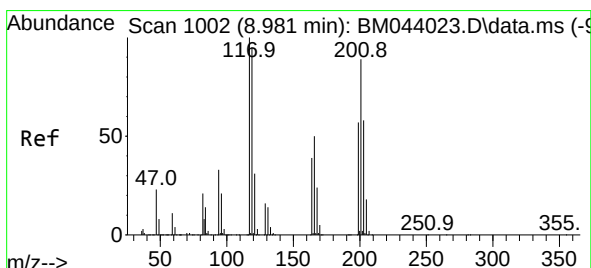
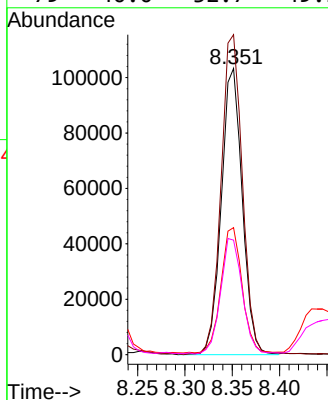
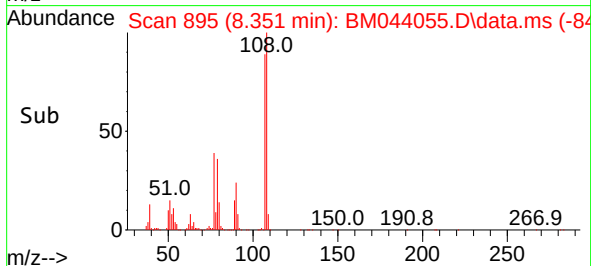
Instrument : BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023



Tgt Ion:107 Resp: 159139
Ion Ratio Lower Upper
107 100
108 111.8 93.4 140.2
77 44.4 34.7 52.1
79 40.0 32.7 49.1

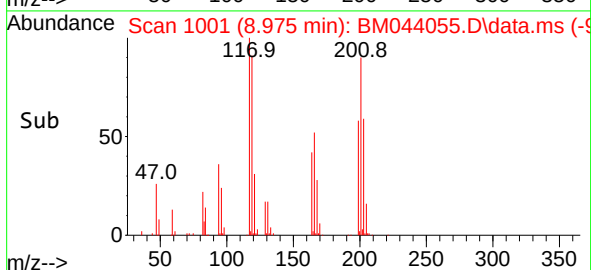
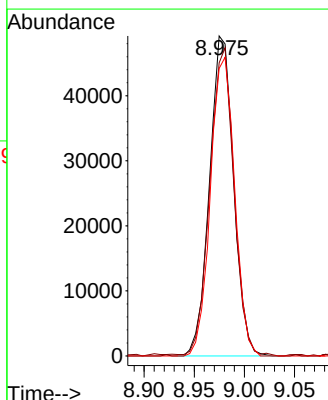
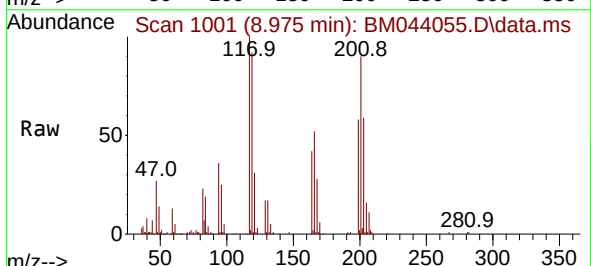
Manual Integrations
APPROVED

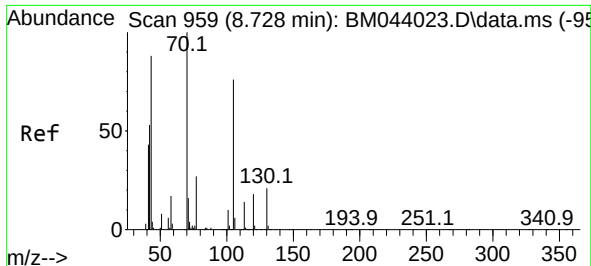
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#18
Hexachloroethane
Concen: 5.665 ng
RT: 8.975 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

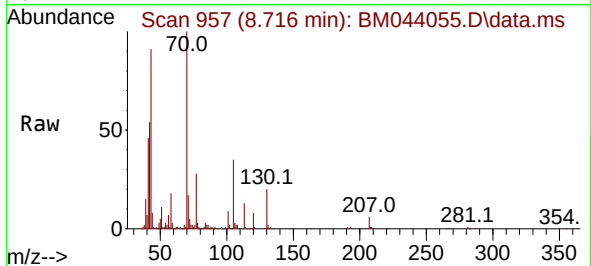
Tgt Ion:117 Resp: 82447
Ion Ratio Lower Upper
117 100
119 91.6 75.7 113.5
201 89.8 71.5 107.3





#19
n-Nitroso-di-n-propylamine
Concen: 5.919 ng
RT: 8.716 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

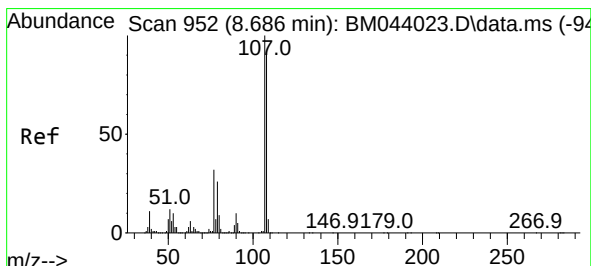
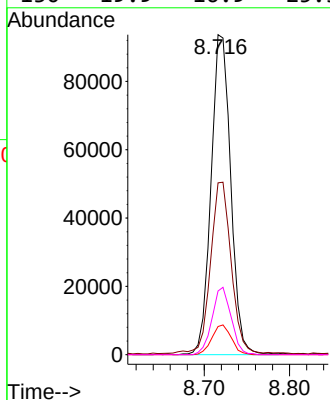
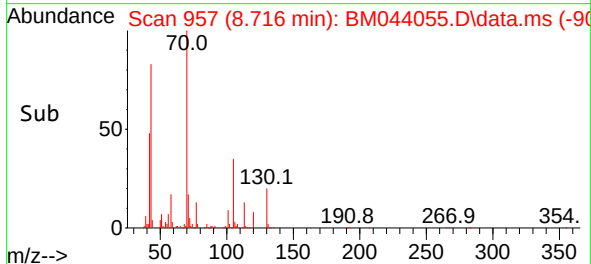
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023



Tgt Ion: 70 Resp: 150400
Ion Ratio Lower Upper
70 100
42 53.7 42.6 64.0
101 8.8 7.8 11.6
130 19.9 16.9 25.3

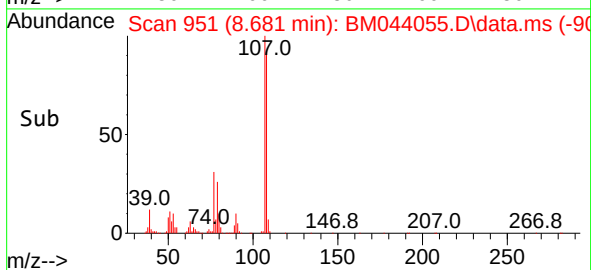
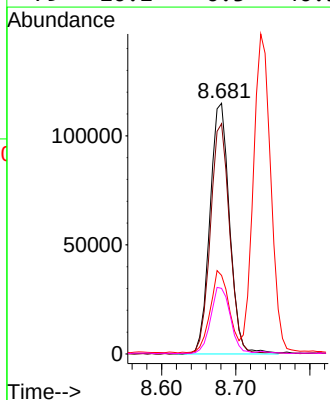
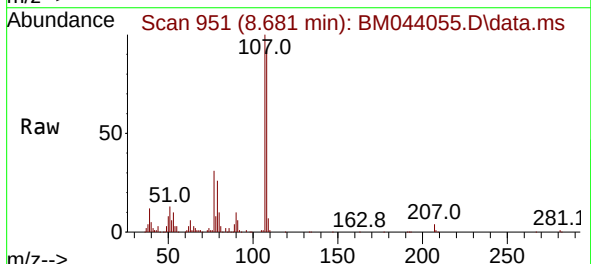
Manual Integrations
APPROVED

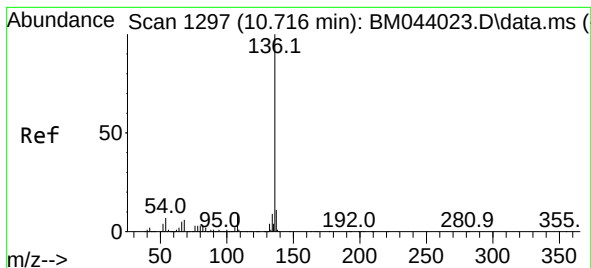
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#20
3+4-Methylphenols
Concen: 5.612 ng
RT: 8.681 min Scan# 951
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

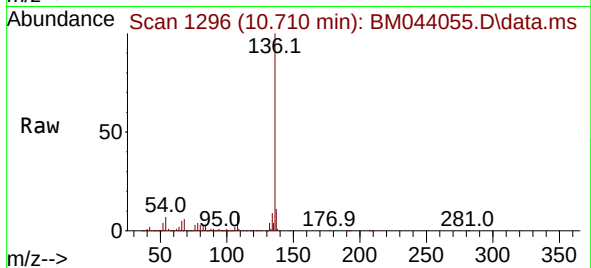
Tgt Ion:107 Resp: 211761
Ion Ratio Lower Upper
107 100
108 91.8 71.5 111.5
77 31.3 11.8 51.8
79 26.2 6.3 46.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

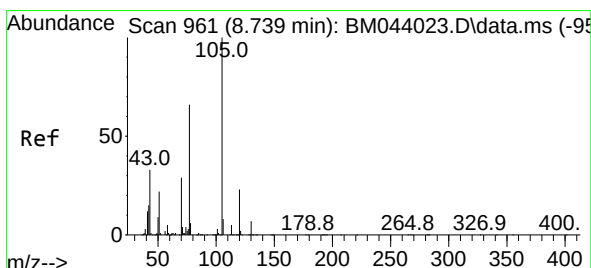
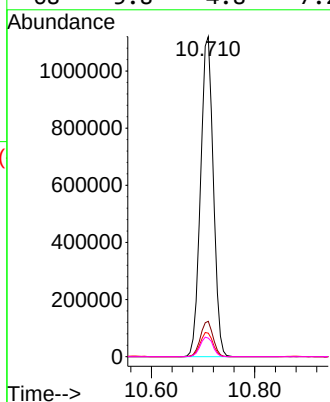
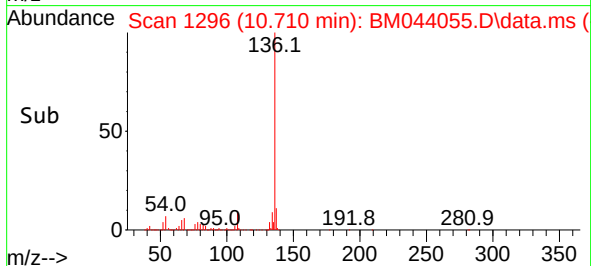
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT3-2023



Tgt Ion:136 Resp: 1917278
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.4 5.9 8.9
68 5.8 4.8 7.2

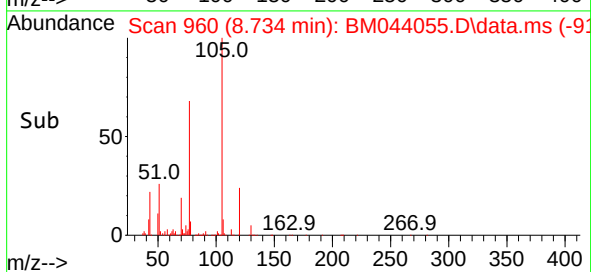
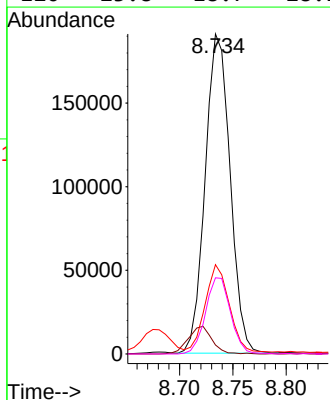
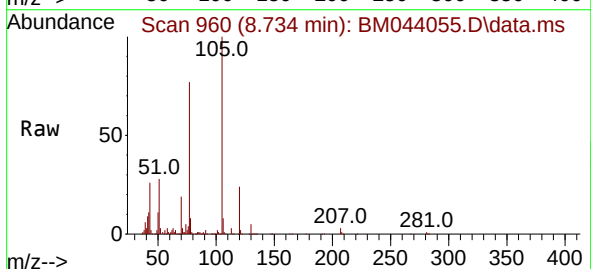
Manual Integrations
APPROVED

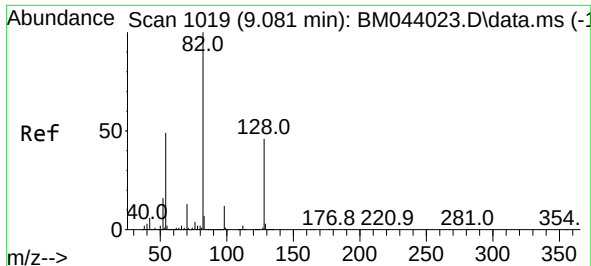
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#22
Acetophenone
Concen: 6.380 ng
RT: 8.734 min Scan# 960
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

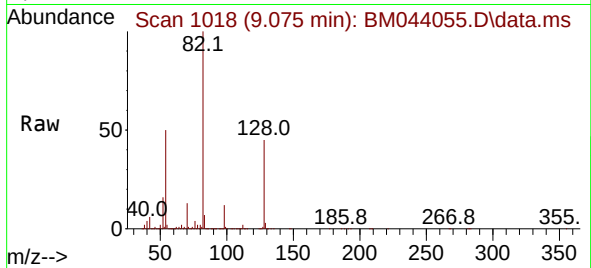
Tgt Ion:105 Resp: 310483
Ion Ratio Lower Upper
105 100
71 2.8 4.0 6.0#
51 27.9 20.1 30.1
120 23.8 18.7 28.1





#23
Nitrobenzene-d5
Concen: 62.410 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

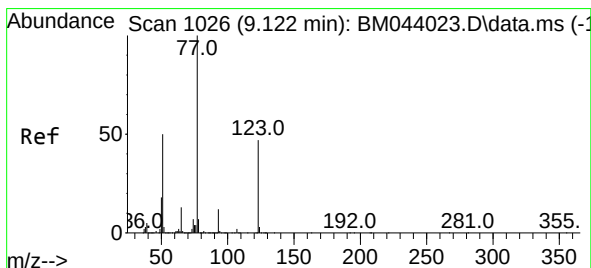
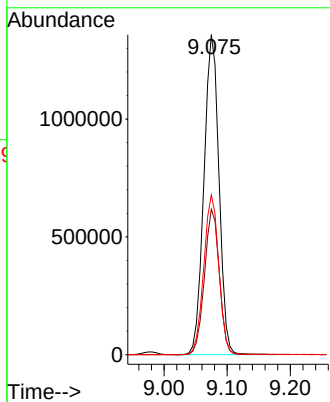
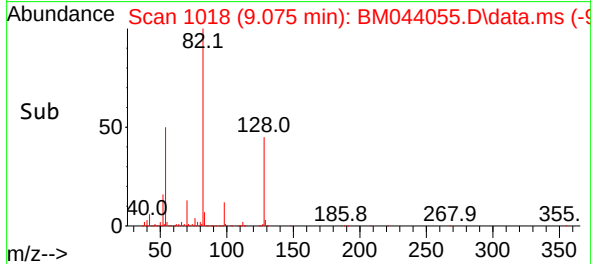
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023



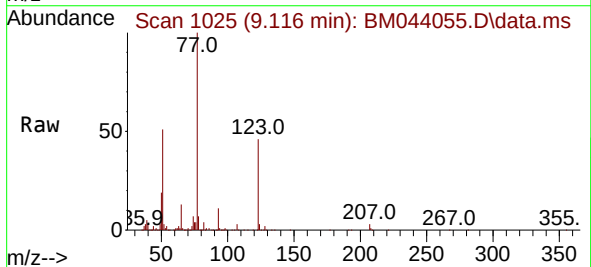
Tgt Ion: 82 Resp: 225499
Ion Ratio Lower Upper
82 100
128 45.5 37.1 55.7
54 50.0 38.9 58.3

Manual Integrations
APPROVED

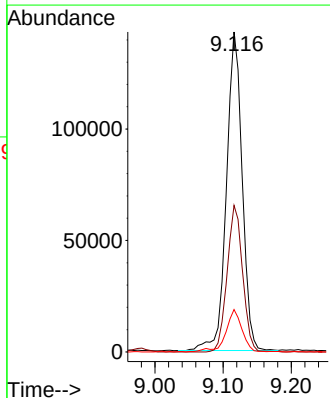
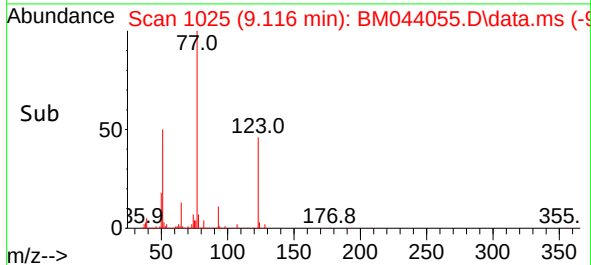
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024

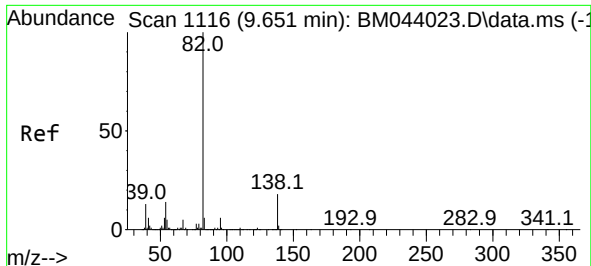


#24
Nitrobenzene
Concen: 6.222 ng
RT: 9.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05



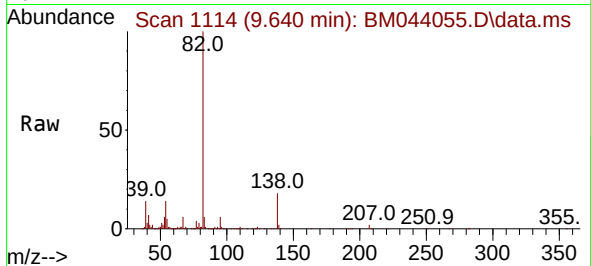
Tgt Ion: 77 Resp: 230206
Ion Ratio Lower Upper
77 100
123 45.8 37.8 56.8
65 13.2 10.5 15.7





#25
Isophorone
Concen: 5.733 ng
RT: 9.640 min Scan# 1114
Delta R.T. -0.012 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

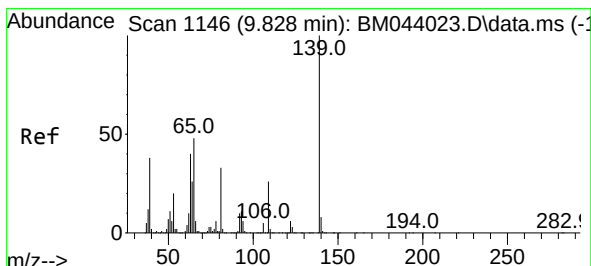
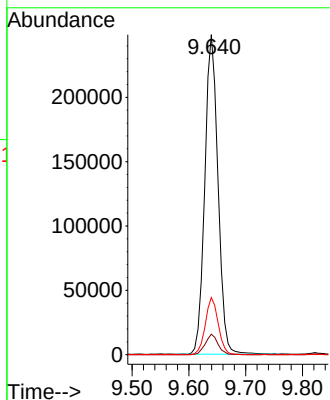
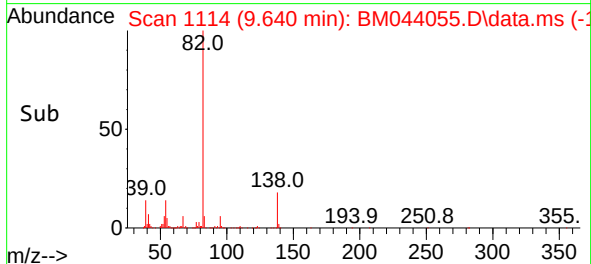
Instrument : BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023



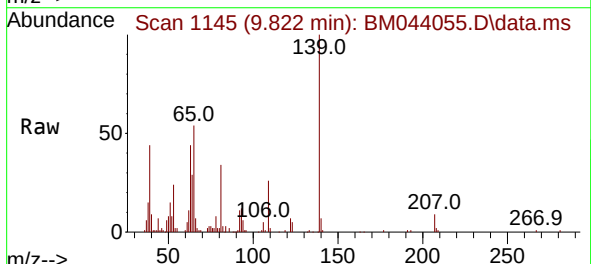
Tgt Ion: 82 Resp: 398850
Ion Ratio Lower Upper
82 100
95 6.4 5.2 7.8
138 17.9 14.3 21.5

Manual Integrations
APPROVED

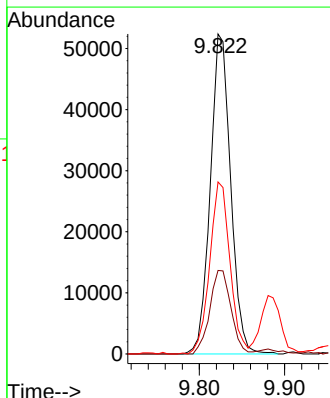
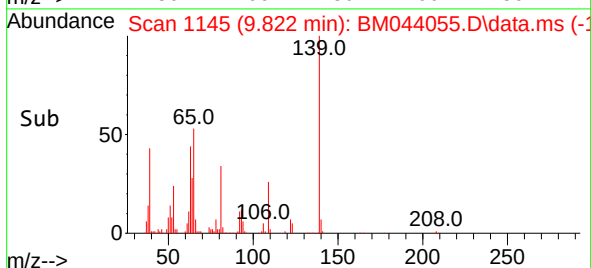
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024

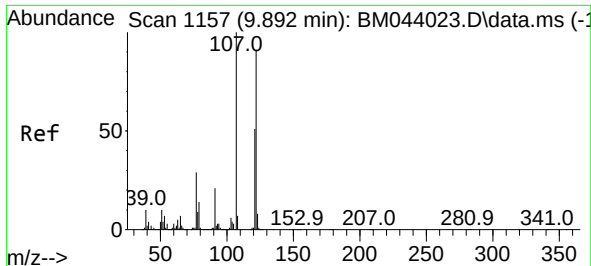


#26
2-Nitrophenol
Concen: 5.070 ng
RT: 9.822 min Scan# 1145
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05



Tgt Ion:139 Resp: 86969
Ion Ratio Lower Upper
139 100
109 26.1 21.2 31.8
65 53.7 38.5 57.7





#27

2,4-Dimethylphenol

Concen: 6.780 ng

RT: 9.887 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BM044055.D

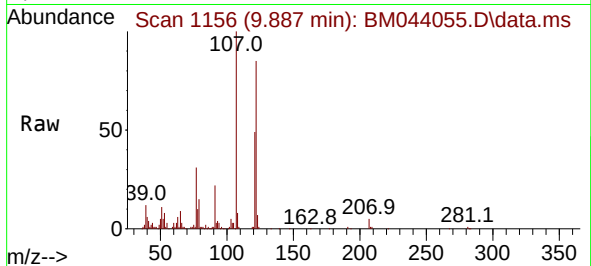
Acq: 12 Feb 2024 14:05

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2023



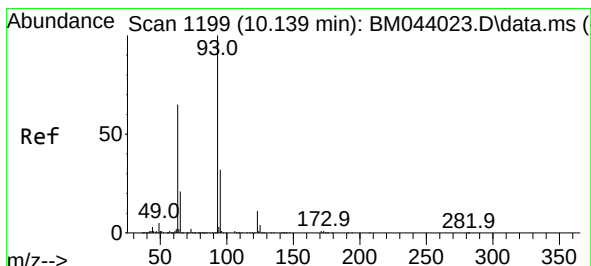
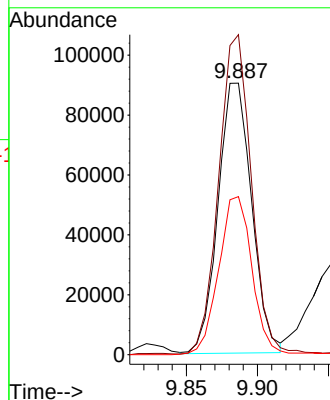
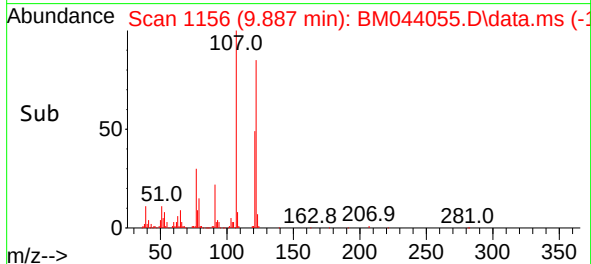
Tgt Ion:	122	Resp:	148720
Ion	Ratio	Lower	Upper
122	100		
107	117.9	87.8	131.8
121	58.2	44.7	67.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/14/2024

Supervised By :mohammad ahmed 02/14/2024



#28

bis(2-Chloroethoxy)methane

Concen: 6.109 ng

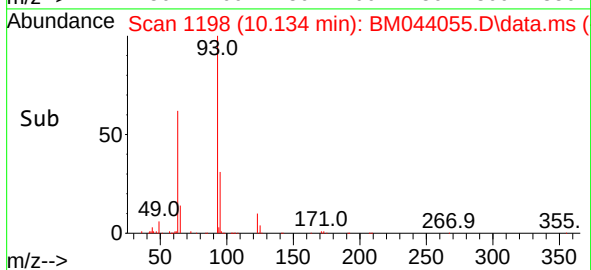
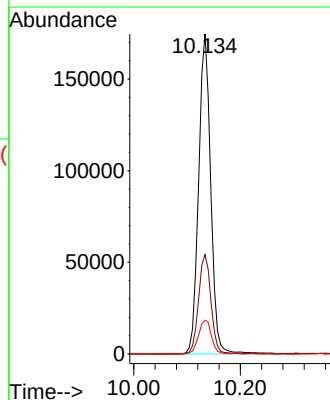
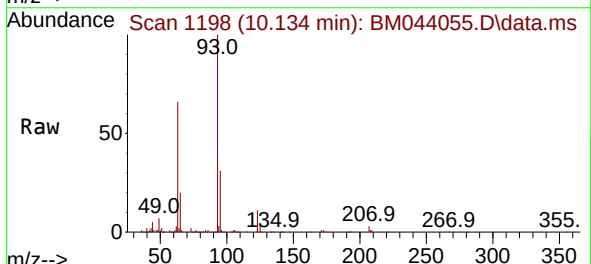
RT: 10.134 min Scan# 1198

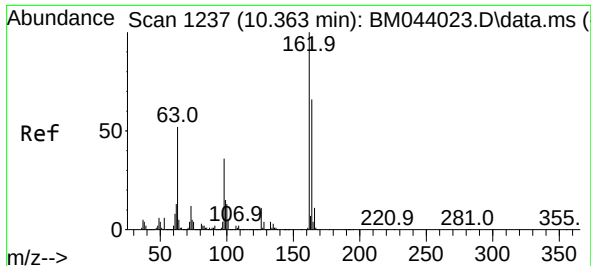
Delta R.T. -0.006 min

Lab File: BM044055.D

Acq: 12 Feb 2024 14:05

Tgt Ion:	93	Resp:	274866
Ion	Ratio	Lower	Upper
93	100		
95	31.1	26.0	39.0
123	10.5	9.2	13.8





#29

2,4-Dichlorophenol

Concen: 5.572 ng

RT: 10.351 min Scan# 1235

Delta R.T. -0.012 min

Lab File: BM044055.D

Acq: 12 Feb 2024 14:05

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2023

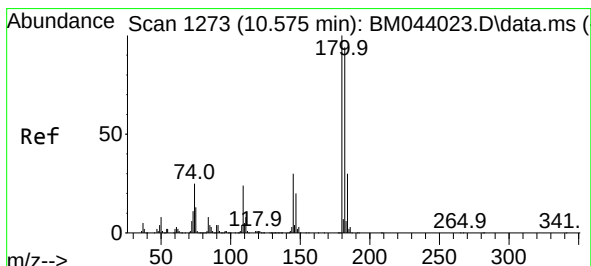
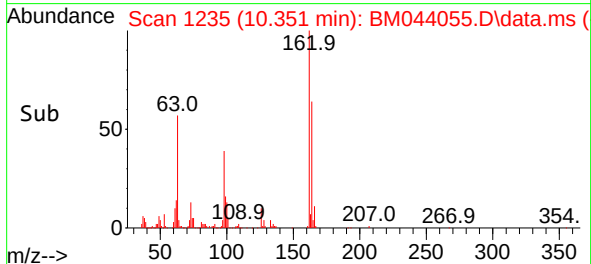
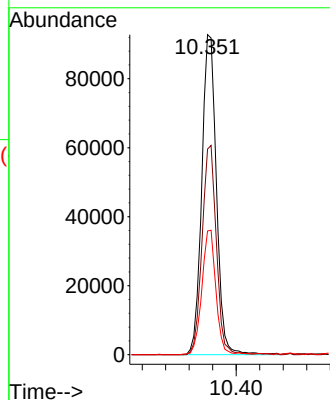
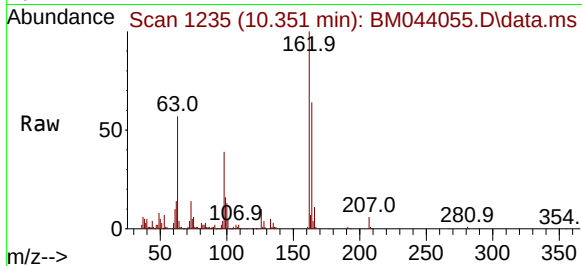
Tgt Ion:162 Resp: 16090
 Ion Ratio Lower Upper
 162 100
 164 64.3 46.1 86.1
 98 38.7 15.9 55.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/14/2024

Supervised By :mohammad ahmed 02/14/2024



#30

1,2,4-Trichlorobenzene

Concen: 5.890 ng

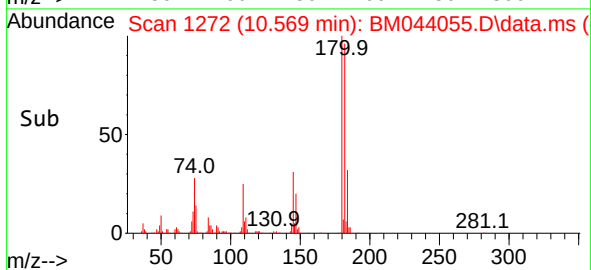
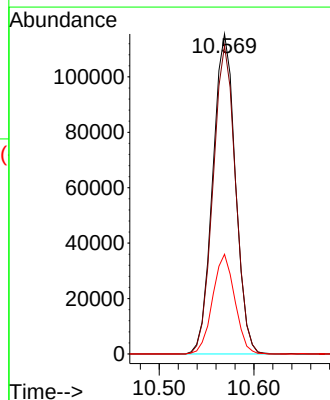
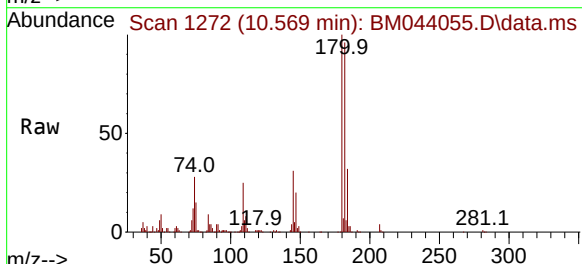
RT: 10.569 min Scan# 1272

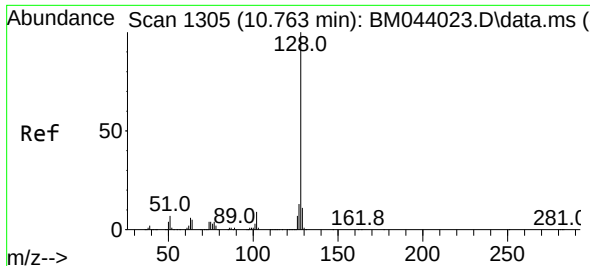
Delta R.T. -0.006 min

Lab File: BM044055.D

Acq: 12 Feb 2024 14:05

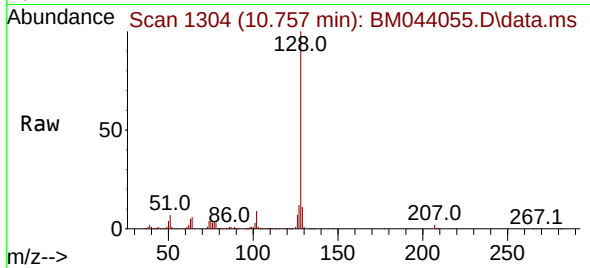
Tgt Ion:180 Resp: 191282
 Ion Ratio Lower Upper
 180 100
 182 96.3 75.2 112.8
 145 31.1 24.3 36.5





#31
Naphthalene
Concen: 6.076 ng
RT: 10.757 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

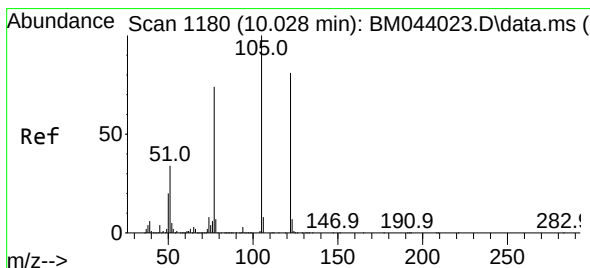
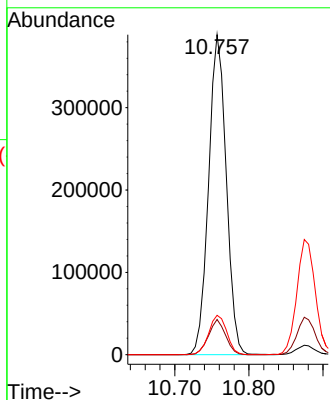
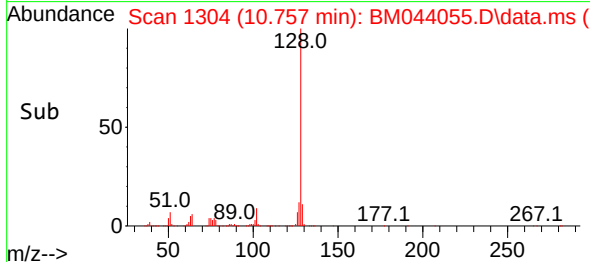
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023



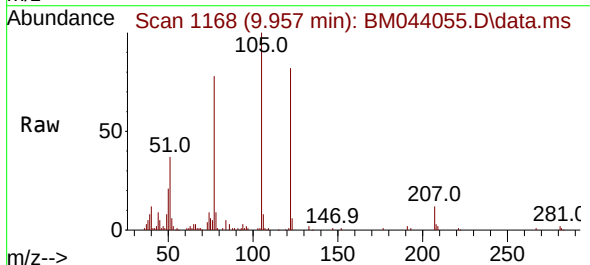
Tgt Ion:128 Resp: 642979
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 12.3 10.3 15.5

Manual Integrations
APPROVED

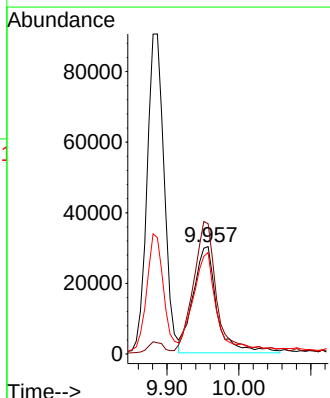
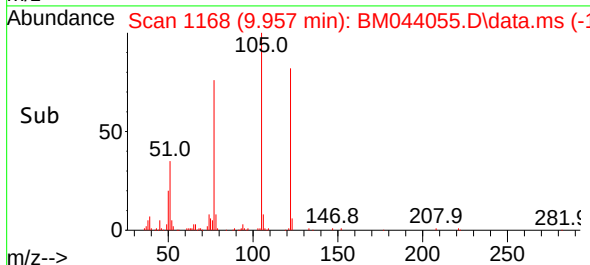
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024

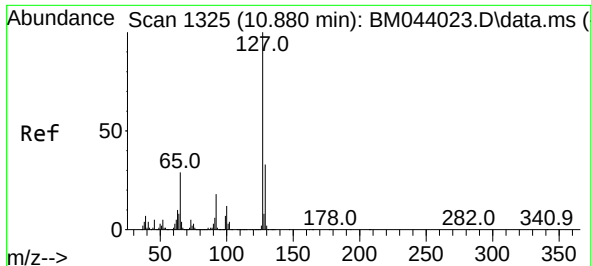


#32
Benzoic acid
Concen: 3.149 ng m
RT: 9.957 min Scan# 1168
Delta R.T. -0.071 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05



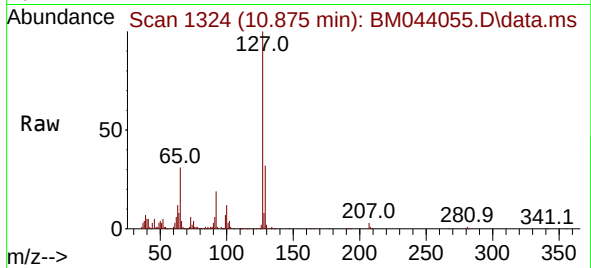
Tgt Ion:122 Resp: 69578
Ion Ratio Lower Upper
122 100
105 121.4 100.1 140.1
77 94.6 69.6 109.6





#33
4-Chloroaniline
Concen: 6.172 ng
RT: 10.875 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

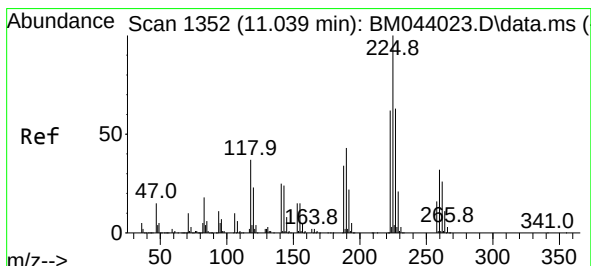
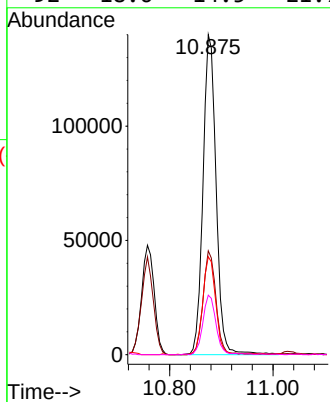
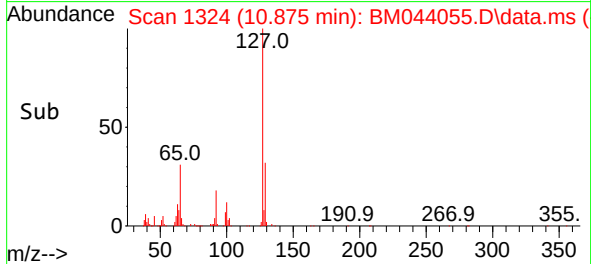
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023



Tgt Ion:127 Resp: 24729
Ion Ratio Lower Upper
127 100
129 32.4 26.0 39.0
65 30.6 23.0 34.6
92 18.6 14.5 21.7

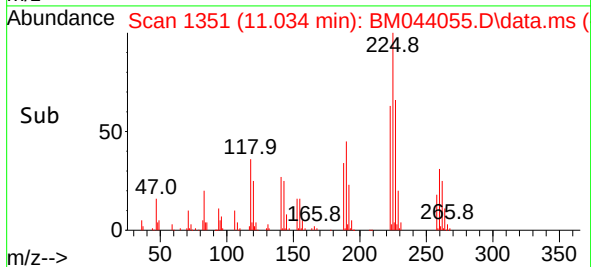
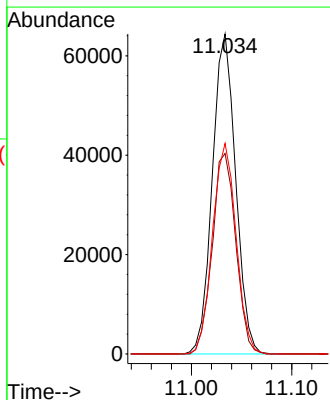
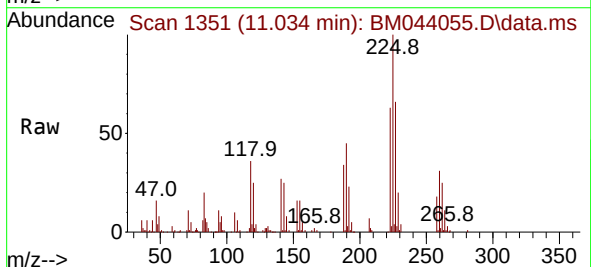
Manual Integrations
APPROVED

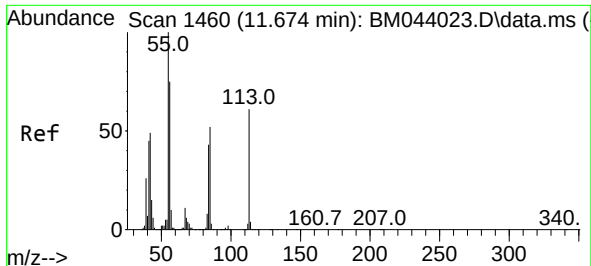
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#34
Hexachlorobutadiene
Concen: 5.585 ng
RT: 11.034 min Scan# 1351
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

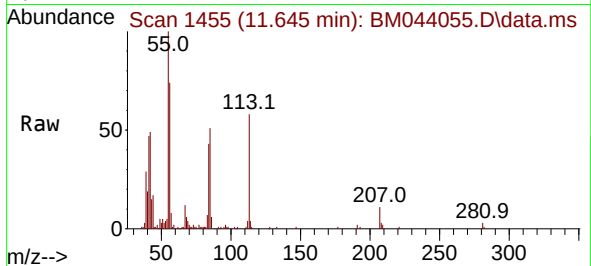
Tgt Ion:225 Resp: 103813
Ion Ratio Lower Upper
225 100
223 62.7 49.9 74.9
227 65.8 50.6 76.0





#35
Caprolactam
Concen: 4.693 ng
RT: 11.645 min Scan# 1460
Delta R.T. -0.029 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

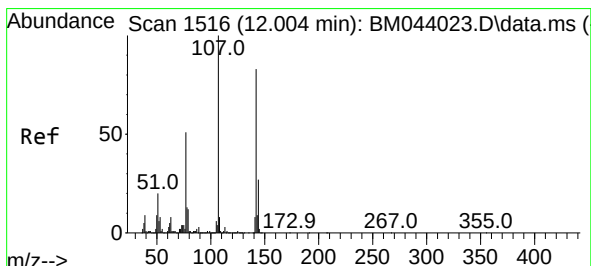
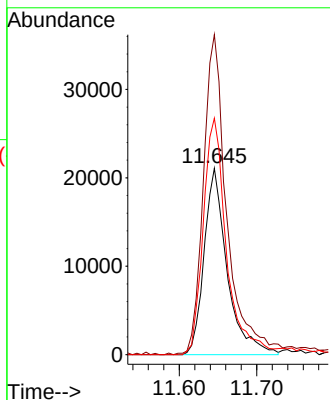
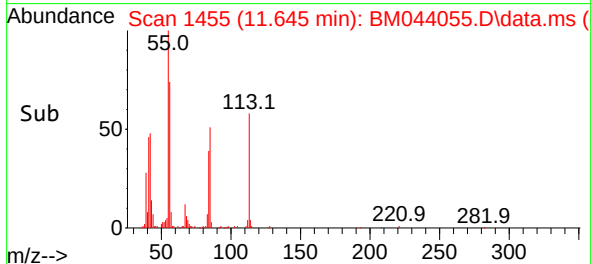
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023



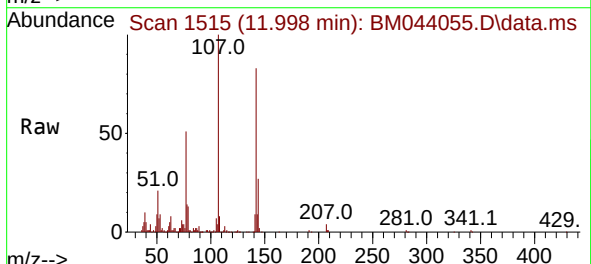
Tgt Ion:113 Resp: 43609
Ion Ratio Lower Upper
113 100
55 171.7 145.6 185.6
56 126.9 103.3 143.3

Manual Integrations
APPROVED

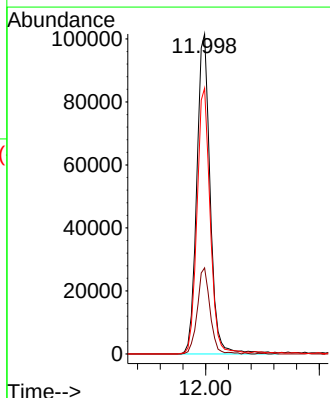
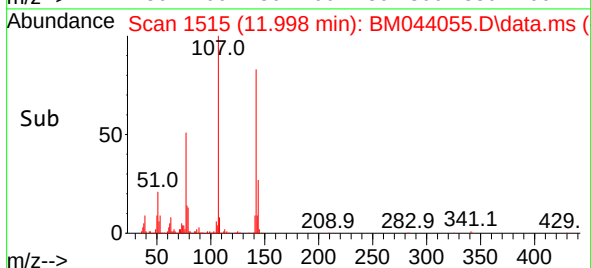
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024

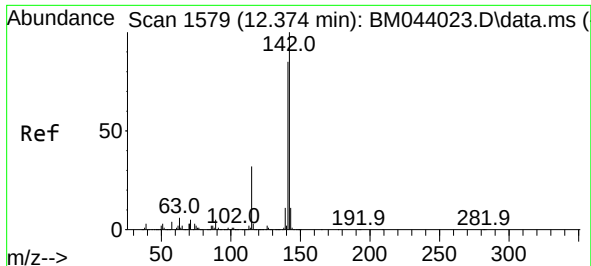


#36
4-Chloro-3-methylphenol
Concen: 5.326 ng
RT: 11.998 min Scan# 1515
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05



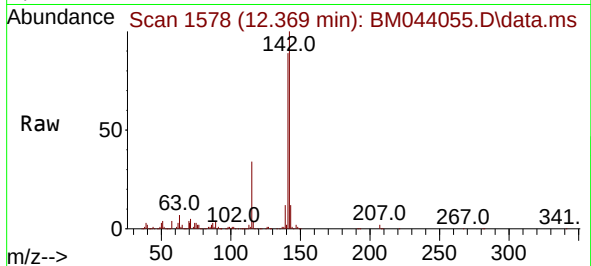
Tgt Ion:107 Resp: 166558
Ion Ratio Lower Upper
107 100
144 26.9 21.3 31.9
142 83.1 66.2 99.4





#37
2-Methylnaphthalene
Concen: 5.860 ng
RT: 12.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

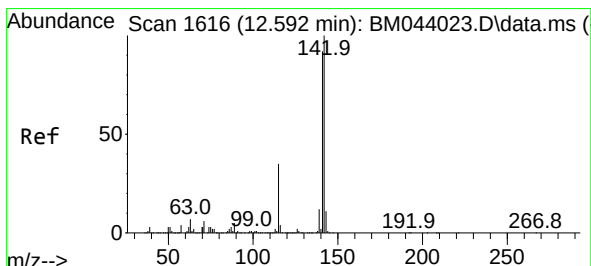
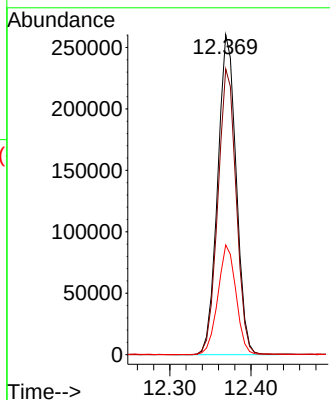
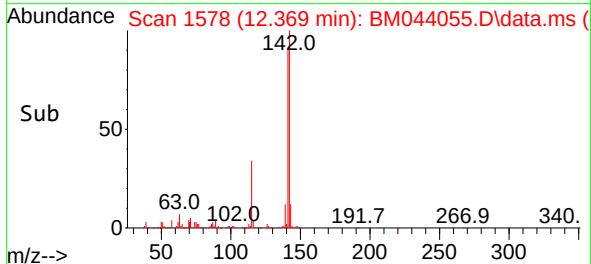
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023



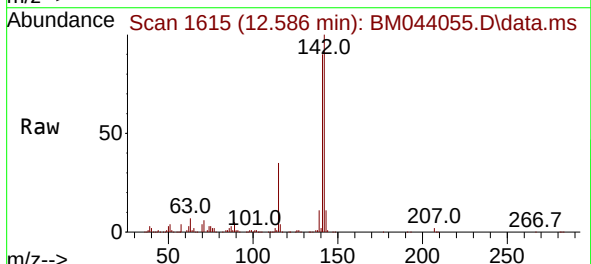
Tgt Ion:142 Resp: 41303
Ion Ratio Lower Upper
142 100
141 89.3 68.3 102.5
115 34.3 25.7 38.5

Manual Integrations
APPROVED

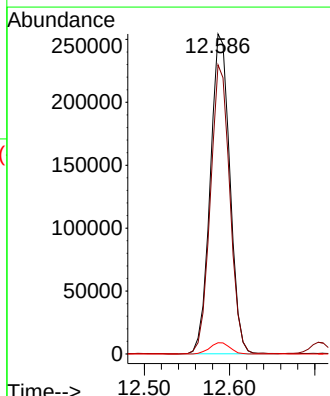
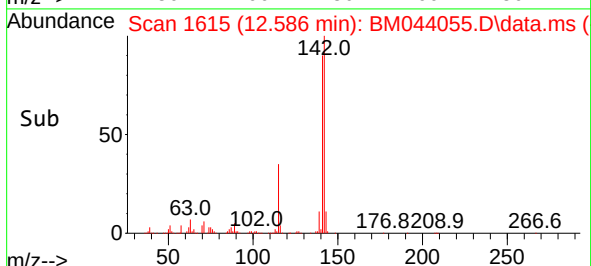
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024

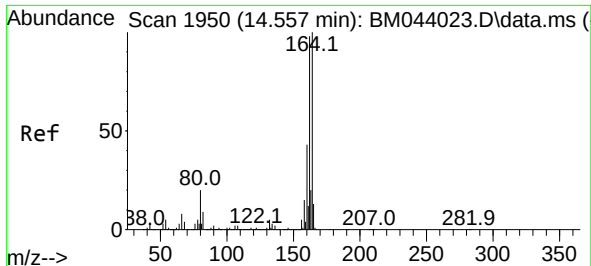


#38
1-Methylnaphthalene
Concen: 5.866 ng
RT: 12.586 min Scan# 1615
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05



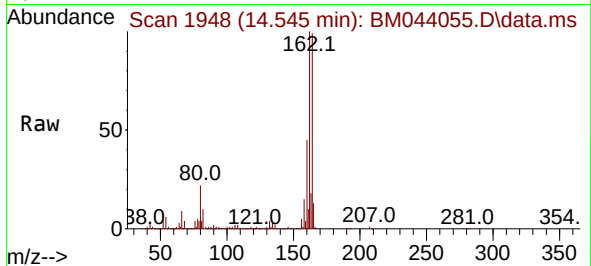
Tgt Ion:142 Resp: 406307
Ion Ratio Lower Upper
142 100
141 90.3 73.4 110.0
116 3.5 3.0 4.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.545 min Scan# 1950
Delta R.T. -0.012 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

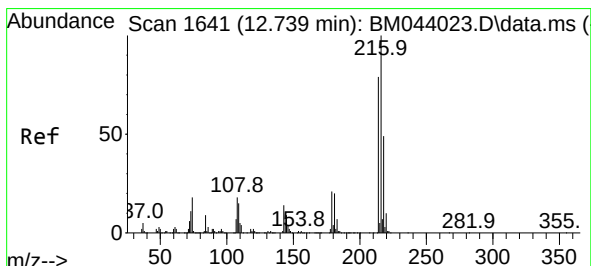
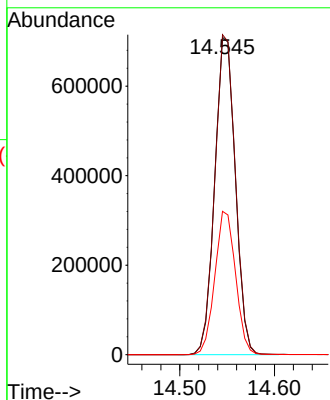
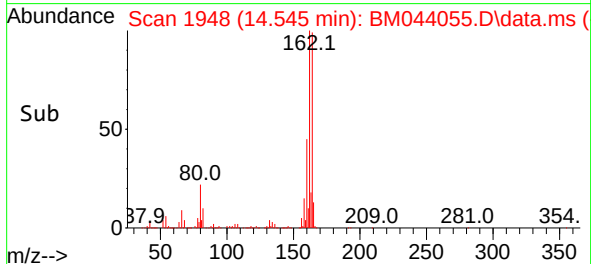
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023



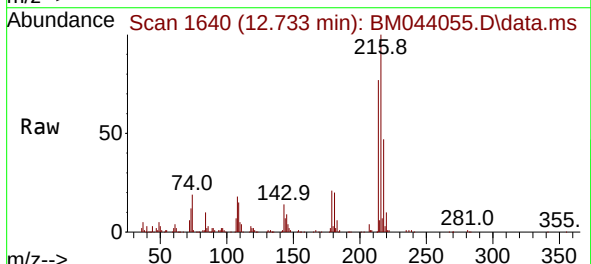
Tgt Ion:164 Resp: 1074269
Ion Ratio Lower Upper
164 100
162 100.8 78.4 117.6
160 45.1 34.6 51.8

Manual Integrations
APPROVED

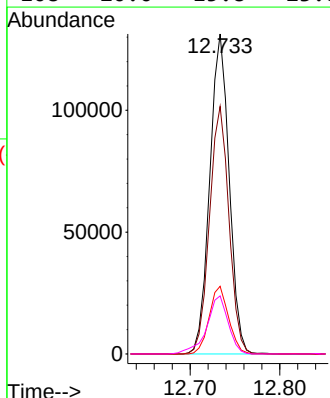
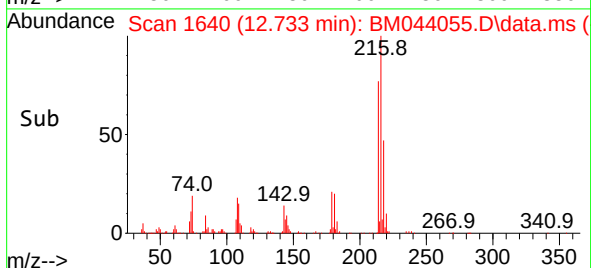
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024

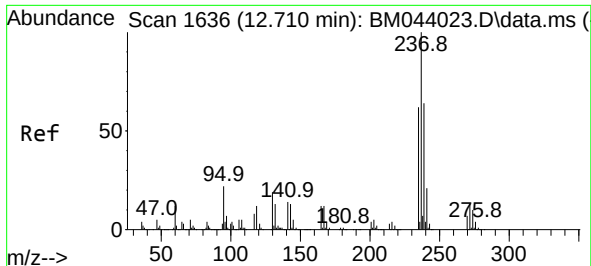


#40
1,2,4,5-Tetrachlorobenzene
Concen: 6.311 ng
RT: 12.733 min Scan# 1640
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05



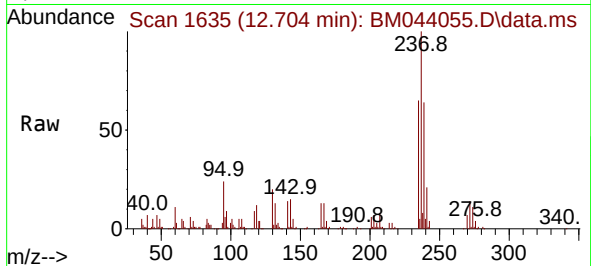
Tgt Ion:216 Resp: 197072
Ion Ratio Lower Upper
216 100
214 77.6 63.1 94.7
179 21.2 17.0 25.6
108 20.0 15.8 23.8





#41
Hexachlorocyclopentadiene
Concen: 7.225 ng
RT: 12.704 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

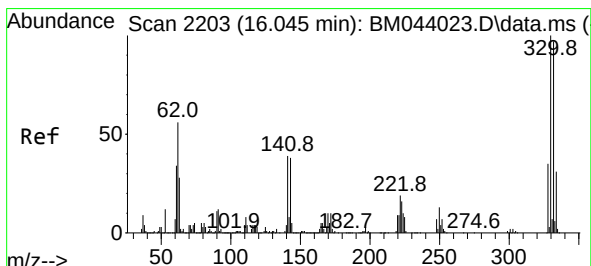
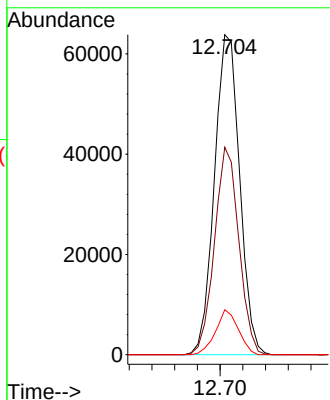
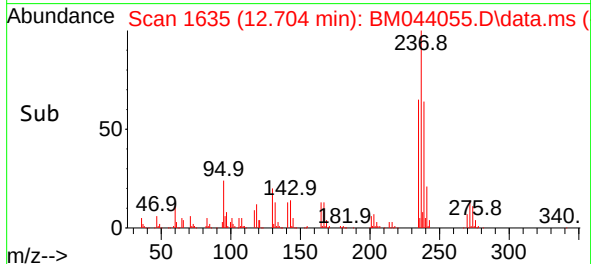
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023



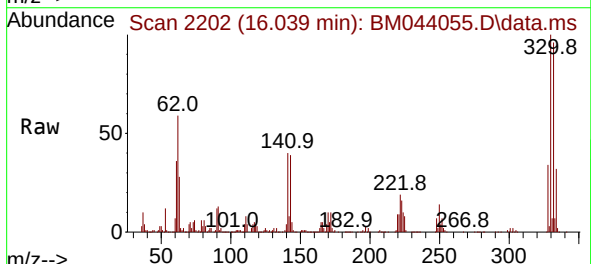
Tgt Ion:237 Resp: 9846
Ion Ratio Lower Upper
237 100
235 64.8 42.4 82.4
272 14.1 0.0 33.3

Manual Integrations
APPROVED

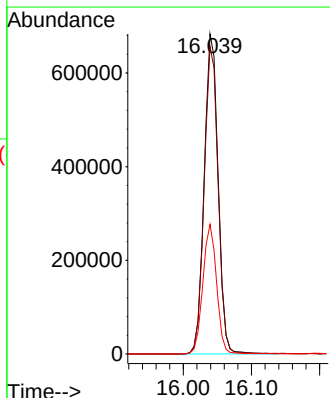
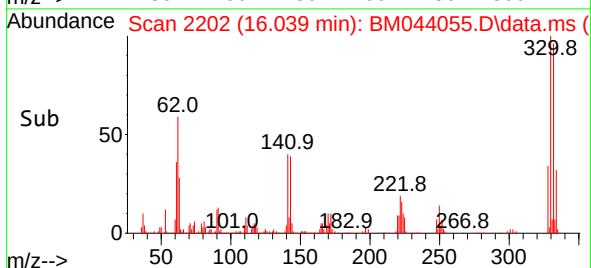
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024

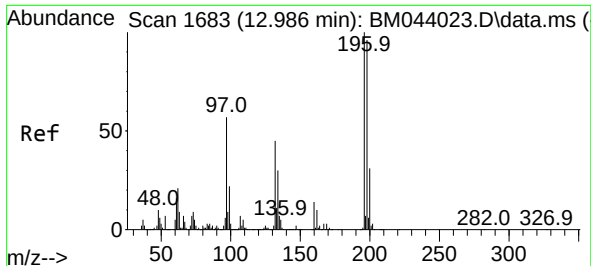


#42
2,4,6-Tribromophenol
Concen: 83.610 ng
RT: 16.039 min Scan# 2202
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05



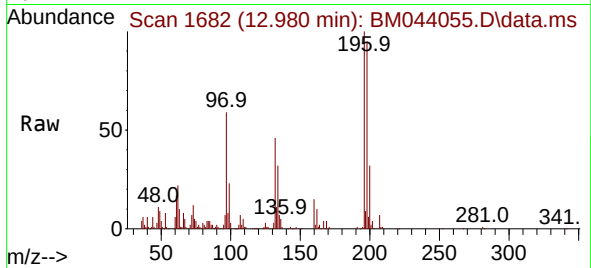
Tgt Ion:330 Resp: 972506
Ion Ratio Lower Upper
330 100
332 96.4 77.7 116.5
141 40.0 31.0 46.4





#43
2,4,6-Trichlorophenol
Concen: 5.249 ng
RT: 12.980 min Scan# 1682
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

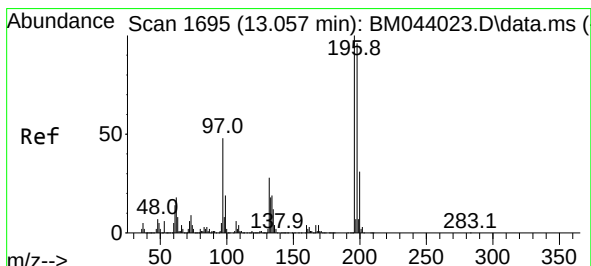
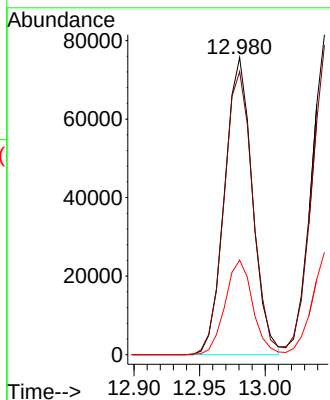
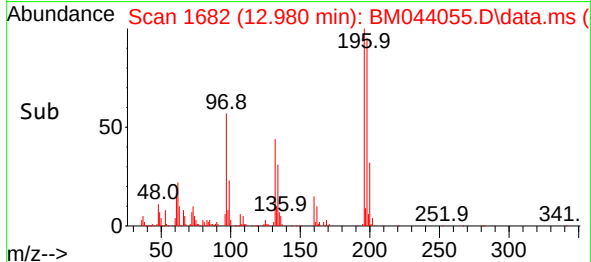
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023



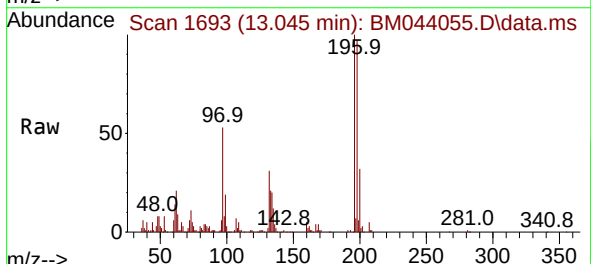
Tgt Ion:196 Resp: 11154
Ion Ratio Lower Upper
196 100
198 95.3 76.8 115.2
200 31.8 24.6 37.0

Manual Integrations
APPROVED

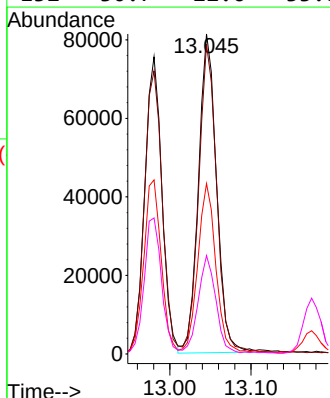
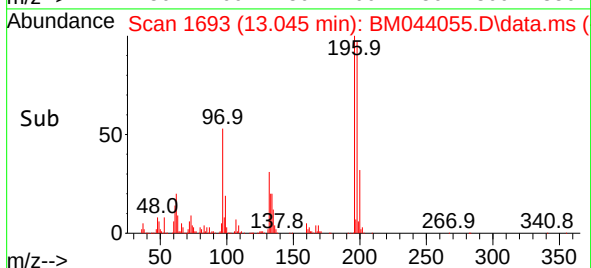
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024

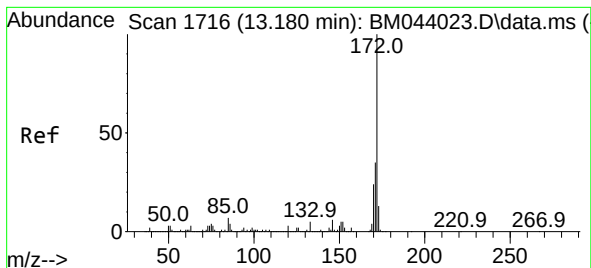


#44
2,4,5-Trichlorophenol
Concen: 5.396 ng
RT: 13.045 min Scan# 1693
Delta R.T. -0.012 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05



Tgt Ion:196 Resp: 125826
Ion Ratio Lower Upper
196 100
198 96.8 76.9 115.3
97 53.3 39.0 58.4
132 30.7 22.6 33.8





#45

2-Fluorobiphenyl

Concen: 61.817 ng

RT: 13.175 min Scan# 1715

Delta R.T. -0.006 min

Lab File: BM044055.D

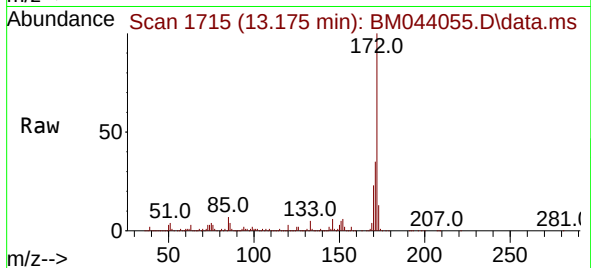
Acq: 12 Feb 2024 14:05

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2023



Tgt Ion:172 Resp: 470537

Ion Ratio Lower Upper

172 100

171 35.2 27.9 41.9

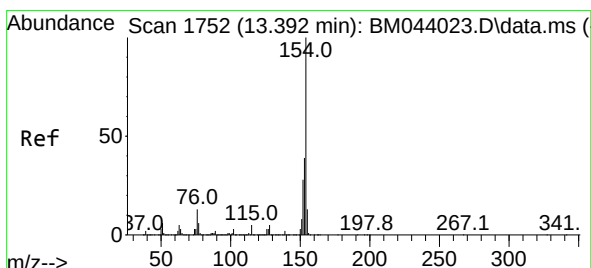
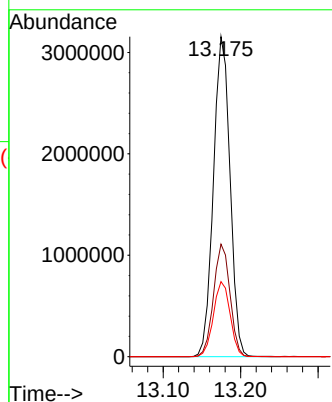
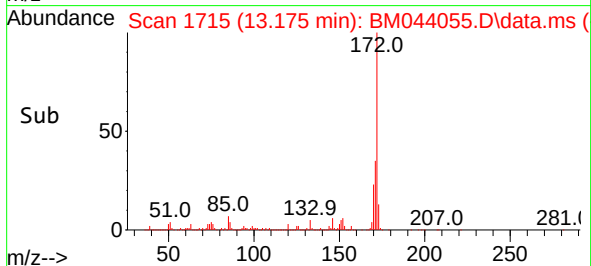
170 23.5 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/14/2024

Supervised By :mohammad ahmed 02/14/2024



#46

1,1'-Biphenyl

Concen: 6.416 ng

RT: 13.386 min Scan# 1751

Delta R.T. -0.006 min

Lab File: BM044055.D

Acq: 12 Feb 2024 14:05

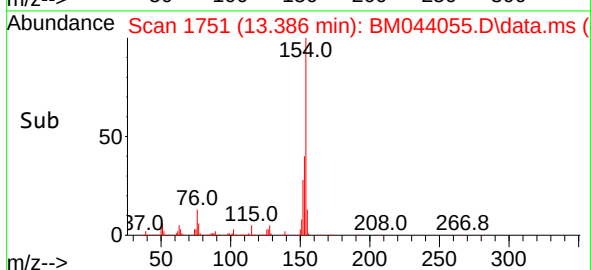
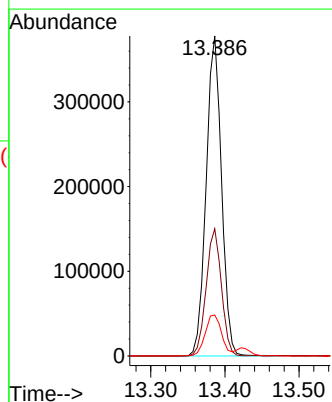
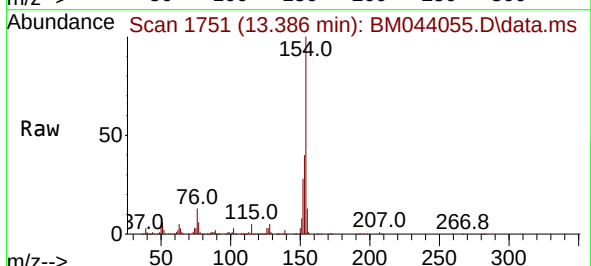
Tgt Ion:154 Resp: 543864

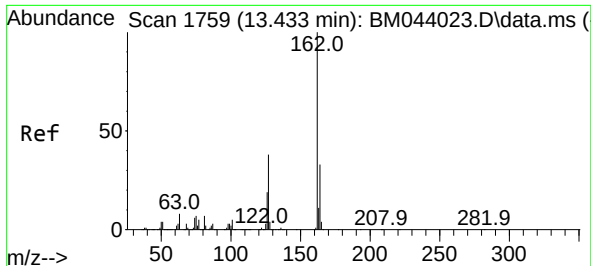
Ion Ratio Lower Upper

154 100

153 39.8 19.4 59.4

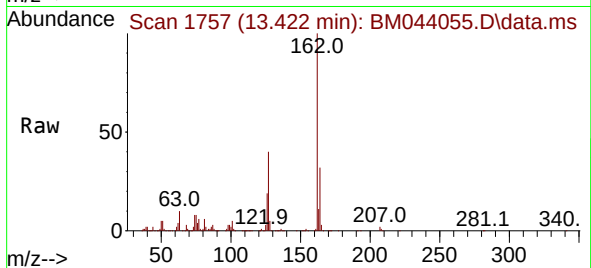
76 12.8 0.0 32.9





#47
2-Chloronaphthalene
Concen: 6.112 ng
RT: 13.422 min Scan# 1757
Delta R.T. -0.012 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

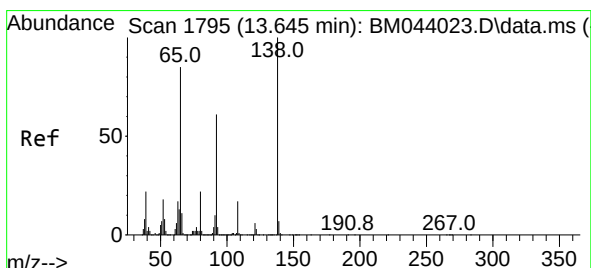
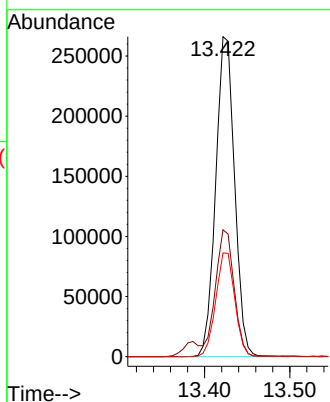
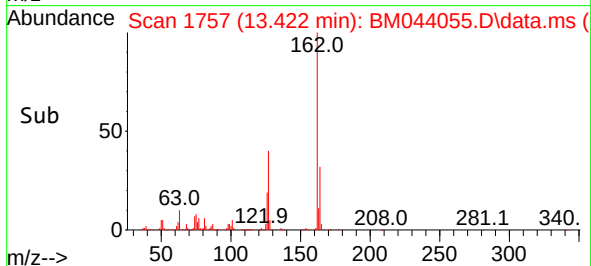
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT3-2023



Tgt Ion:162 Resp: 410398
Ion Ratio Lower Upper
162 100
127 39.7 30.9 46.3
164 32.4 26.4 39.6

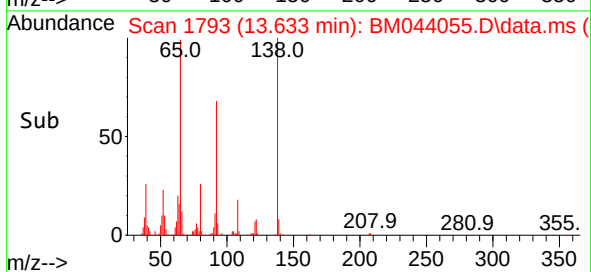
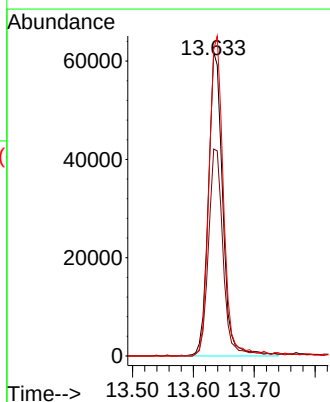
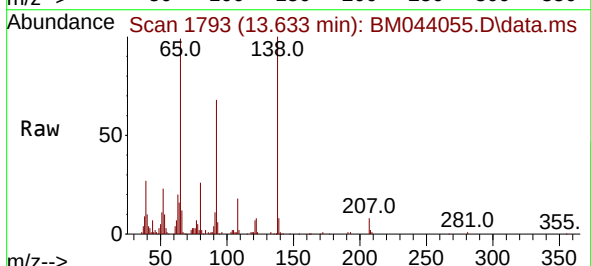
Manual Integrations
APPROVED

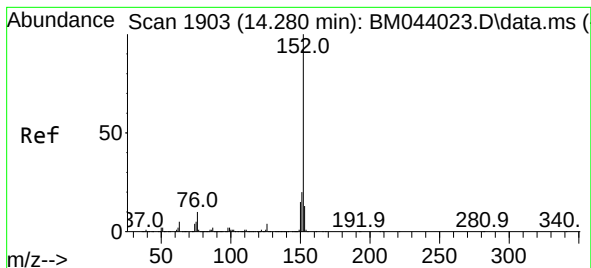
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#48
2-Nitroaniline
Concen: 5.394 ng
RT: 13.633 min Scan# 1793
Delta R.T. -0.012 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

Tgt Ion: 65 Resp: 101903
Ion Ratio Lower Upper
65 100
92 68.1 58.1 87.1
138 100.8 94.6 142.0





#49

Acenaphthylene

Concen: 6.530 ng

RT: 14.269 min Scan# 1901

Delta R.T. -0.012 min

Lab File: BM044055.D

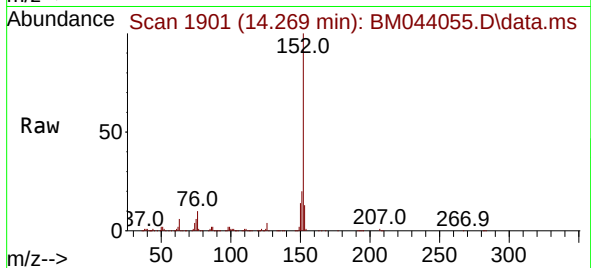
Acq: 12 Feb 2024 14:05

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2023



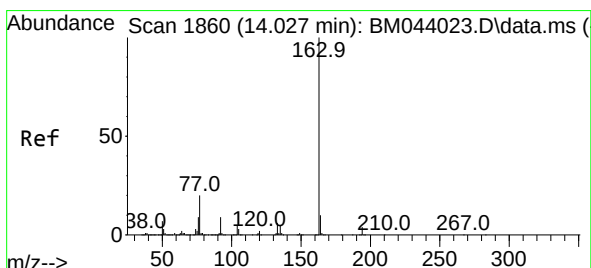
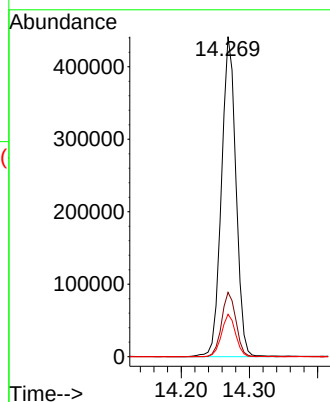
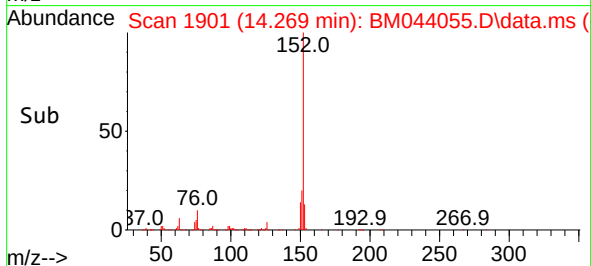
Tgt Ion:	152	Resp:	65411
Ion Ratio	Lower	Upper	
152	100		
151	20.1	15.8	23.6
153	13.2	10.5	15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/14/2024

Supervised By :mohammad ahmed 02/14/2024



#50

Dimethylphthalate

Concen: 6.071 ng

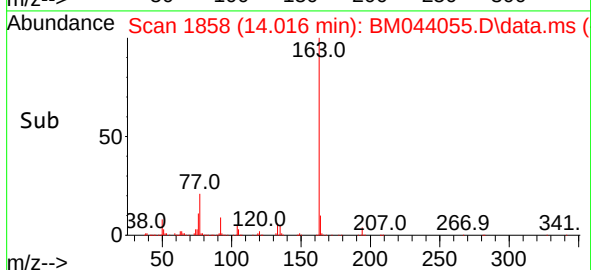
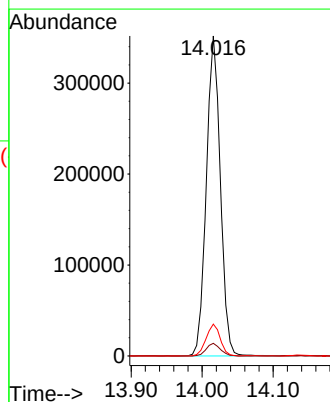
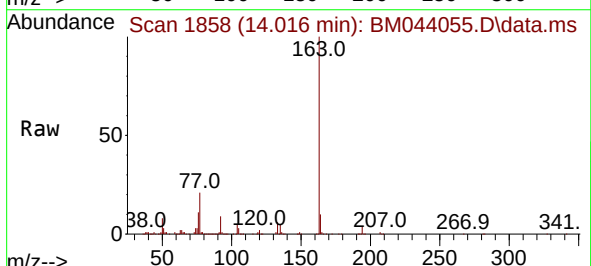
RT: 14.016 min Scan# 1858

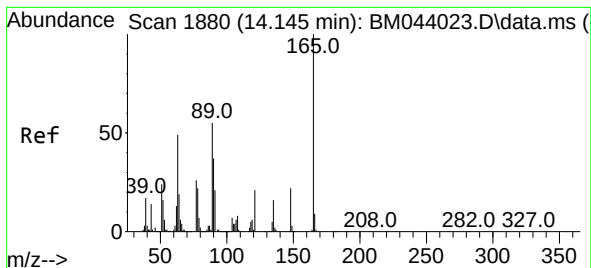
Delta R.T. -0.012 min

Lab File: BM044055.D

Acq: 12 Feb 2024 14:05

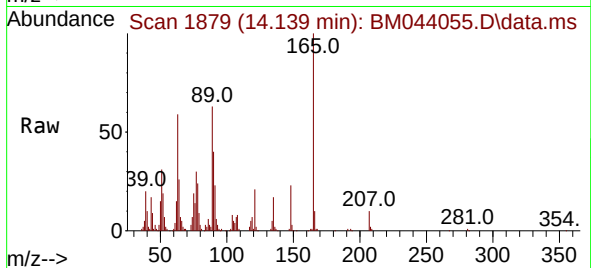
Tgt Ion:	163	Resp:	483537
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.1	4.7
164	10.0	8.2	12.2





#51
2,6-Dinitrotoluene
Concen: 5.137 ng
RT: 14.139 min Scan# 1880
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

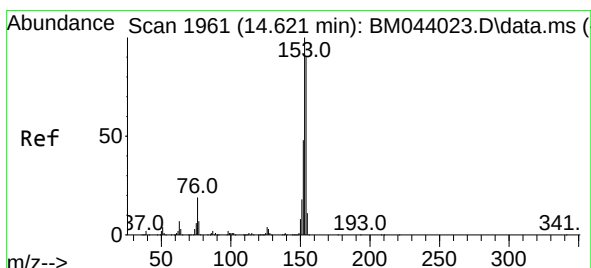
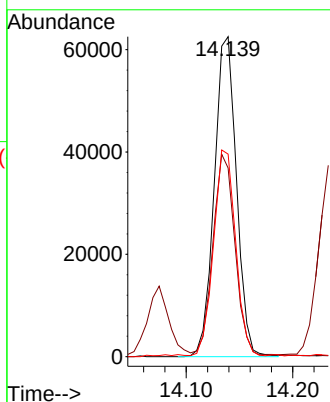
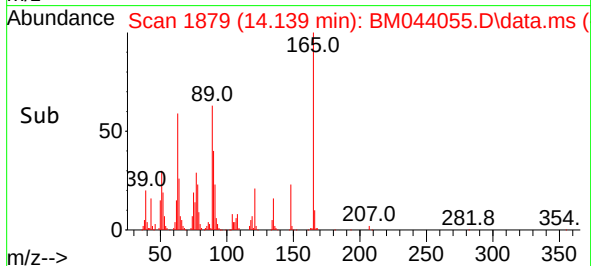
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023



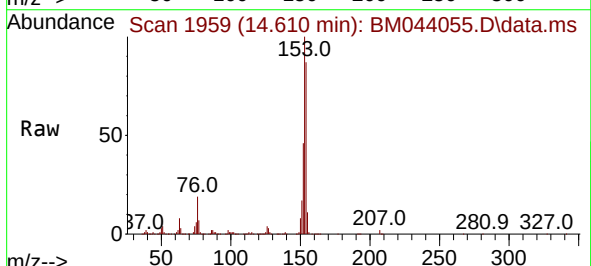
Tgt Ion:165 Resp: 9028
Ion Ratio Lower Upper
165 100
63 59.0 43.5 65.3
89 63.3 44.4 66.6

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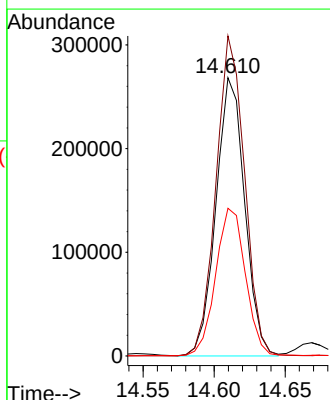
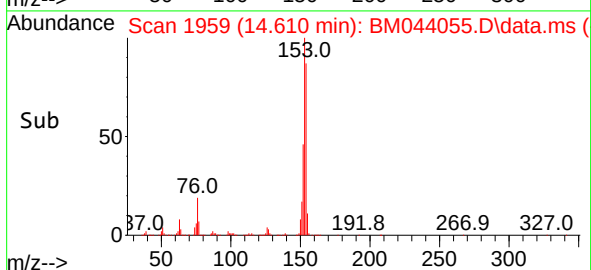
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024

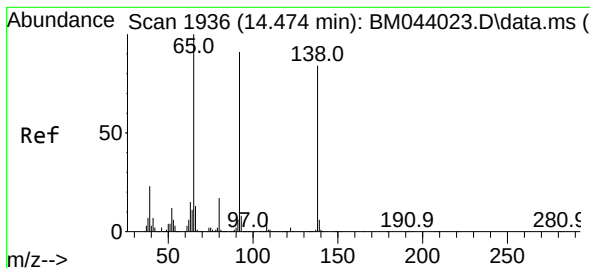


#52
Acenaphthene
Concen: 6.098 ng
RT: 14.610 min Scan# 1959
Delta R.T. -0.012 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05



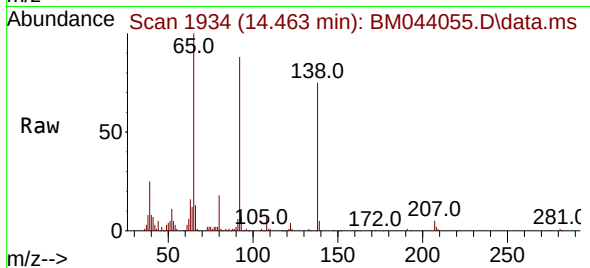
Tgt Ion:154 Resp: 378069
Ion Ratio Lower Upper
154 100
153 115.0 89.3 133.9
152 53.1 43.0 64.6





#53
3-Nitroaniline
Concen: 5.224 ng
RT: 14.463 min Scan# 1936
Delta R.T. -0.012 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

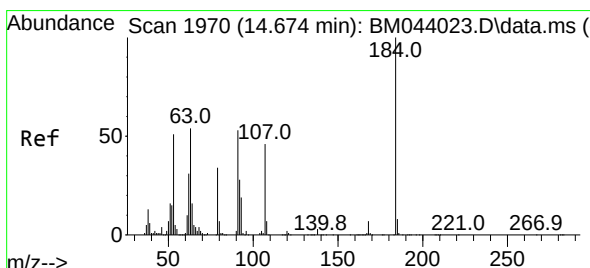
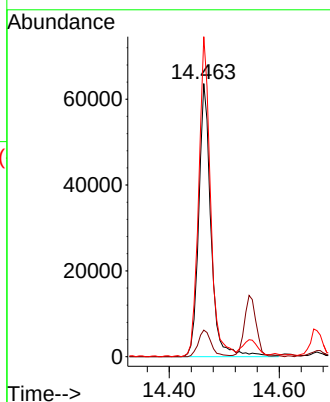
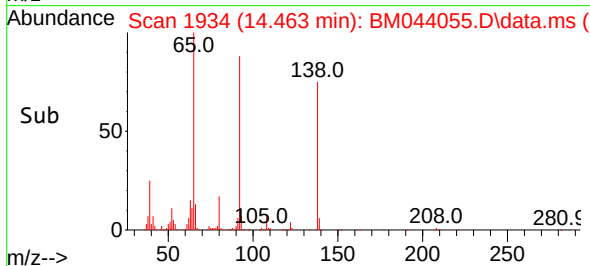
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023



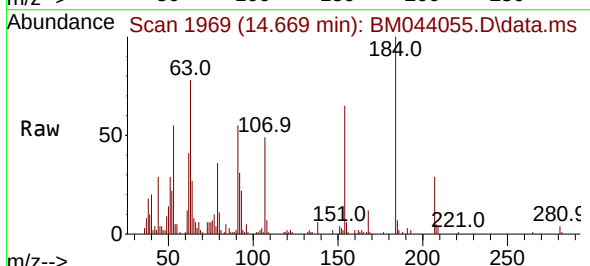
Tgt Ion:138 Resp: 98669
Ion Ratio Lower Upper
138 100
108 9.7 7.6 11.4
92 117.1 86.5 129.7

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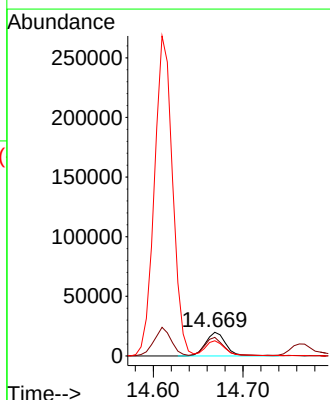
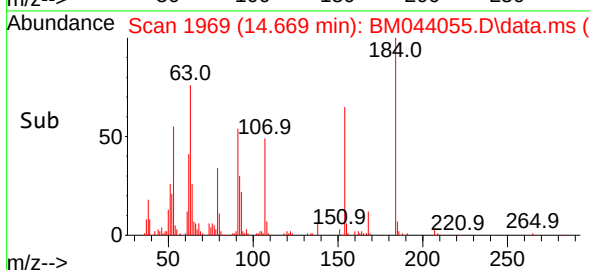
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024

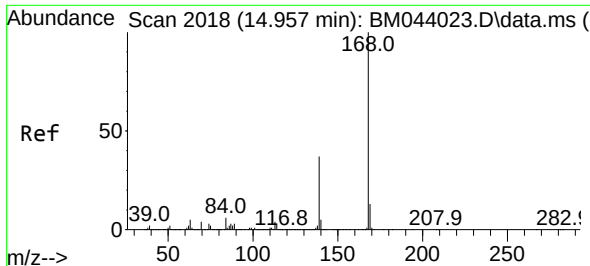


#54
2,4-Dinitrophenol
Concen: 8.328 ng
RT: 14.669 min Scan# 1969
Delta R.T. -0.005 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05



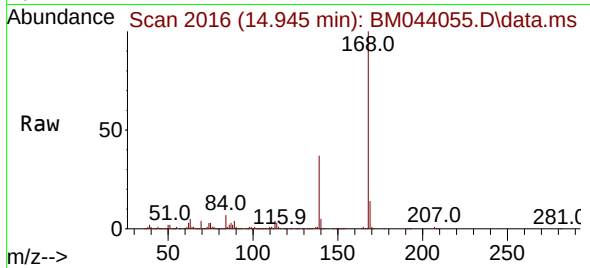
Tgt Ion:184 Resp: 31083
Ion Ratio Lower Upper
184 100
63 78.3 55.4 83.2
154 64.5 49.2 73.8





#55
Dibenzofuran
Concen: 6.350 ng
RT: 14.945 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

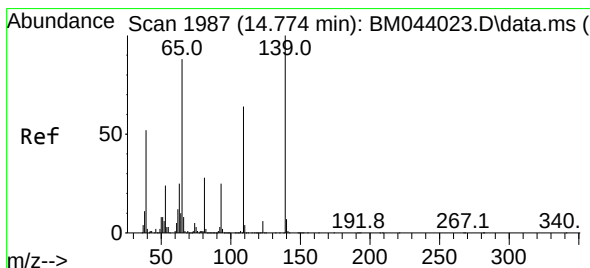
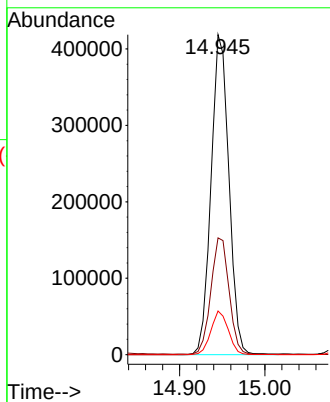
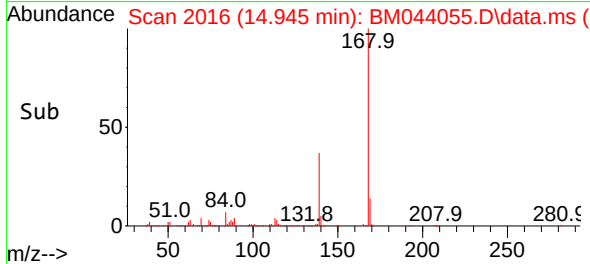
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023



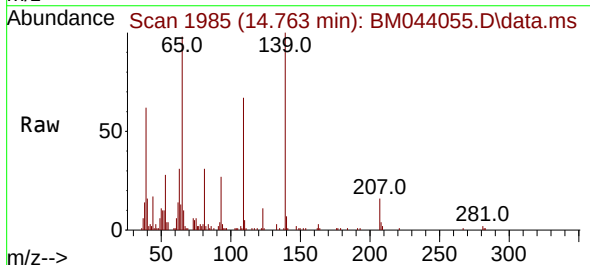
Tgt Ion:168 Resp: 609358
Ion Ratio Lower Upper
168 100
139 36.5 29.6 44.4
169 13.6 10.5 15.7

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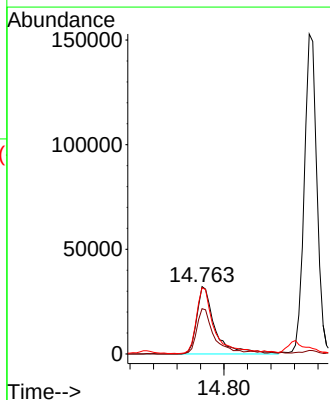
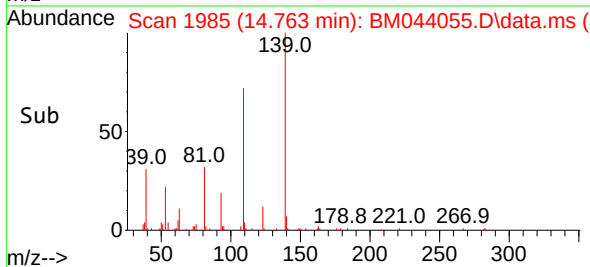
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024

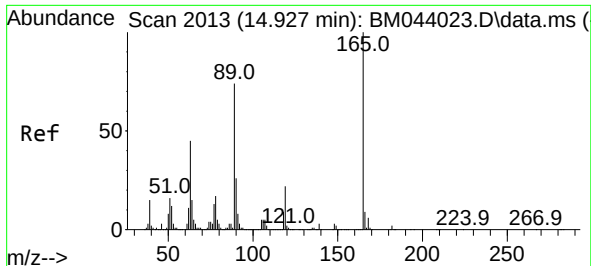


#56
4-Nitrophenol
Concen: 4.545 ng
RT: 14.763 min Scan# 1985
Delta R.T. -0.012 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05



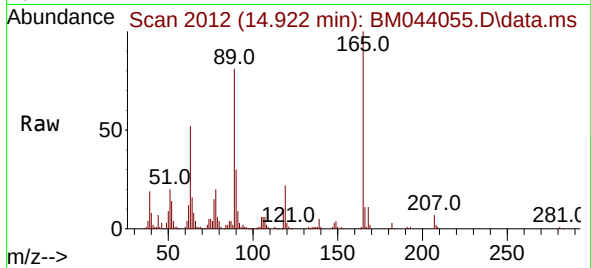
Tgt Ion:139 Resp: 69776
Ion Ratio Lower Upper
139 100
109 67.2 43.8 83.8
65 98.4 67.7 107.7





#57
2,4-Dinitrotoluene
Concen: 4.826 ng
RT: 14.922 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

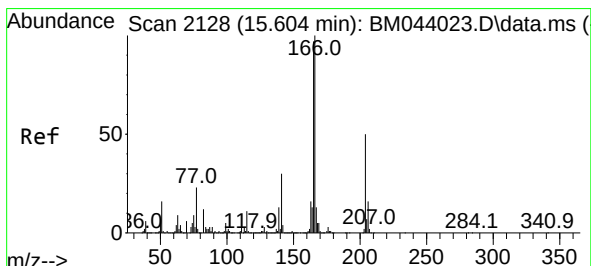
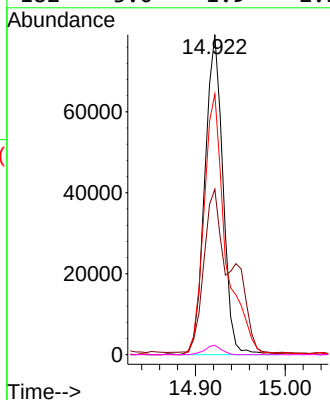
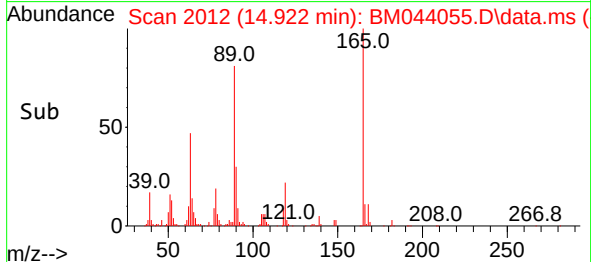
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023



Tgt Ion:165 Resp: 11084
Ion Ratio Lower Upper
165 100
63 51.7 35.9 53.9
89 81.5 58.9 88.3
182 3.0 1.9 2.9#

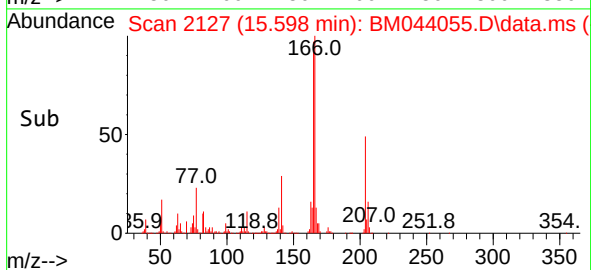
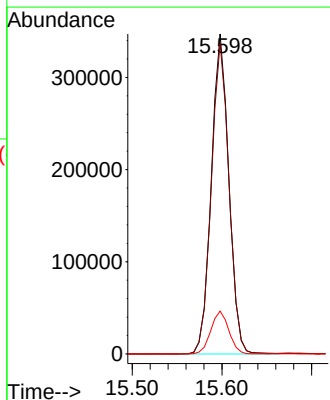
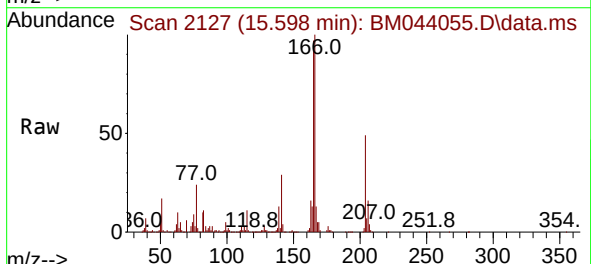
Manual Integrations
APPROVED

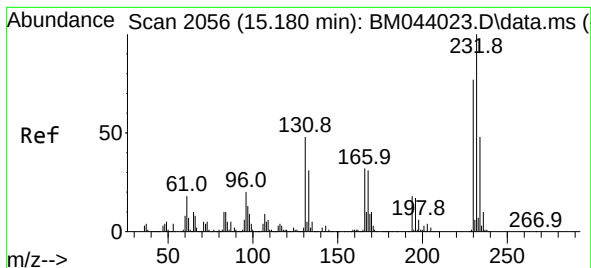
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#58
Fluorene
Concen: 6.354 ng
RT: 15.598 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

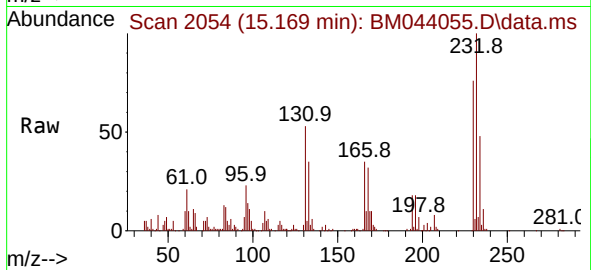
Tgt Ion:166 Resp: 471184
Ion Ratio Lower Upper
166 100
165 97.2 77.7 116.5
167 13.4 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 5.749 ng
RT: 15.169 min Scan# 2056
Delta R.T. -0.012 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

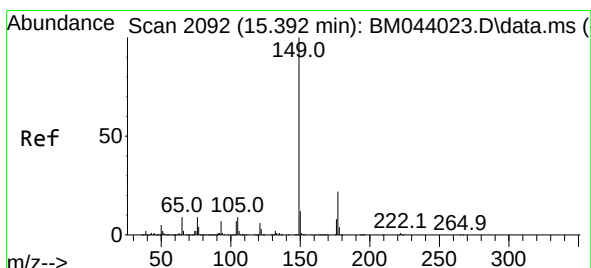
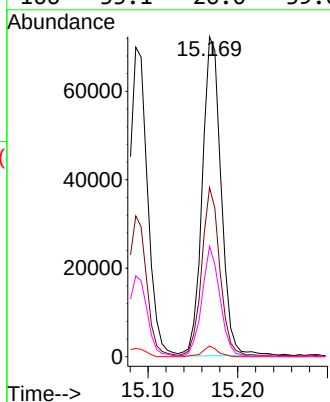
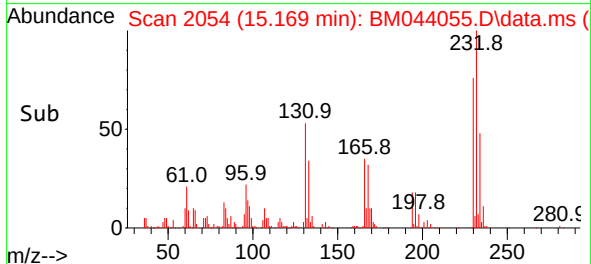
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023



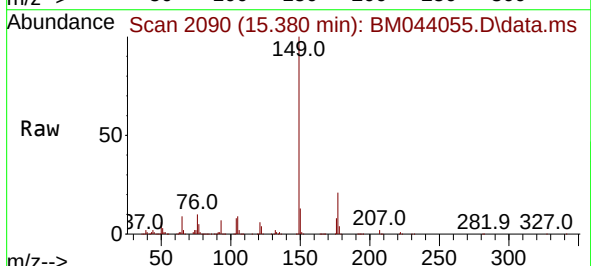
Tgt Ion:232 Resp: 10519
Ion Ratio Lower Upper
232 100
131 50.5 39.5 59.3
130 2.7 2.0 3.0
166 33.1 26.0 39.0

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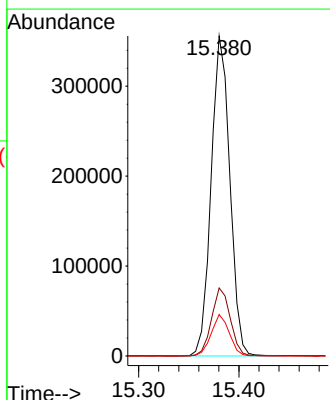
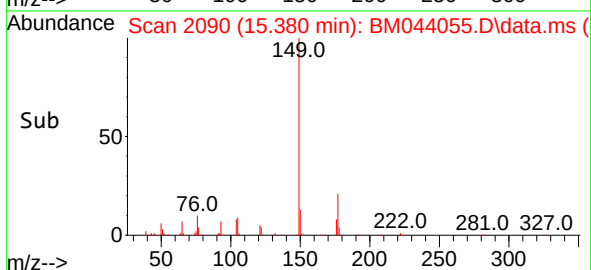
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024

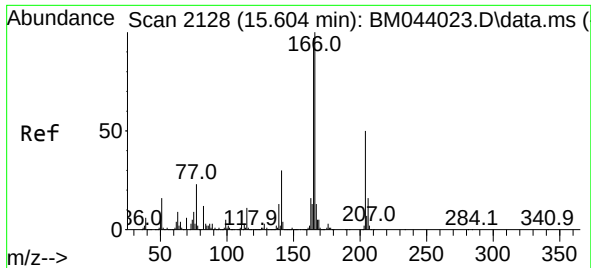


#60
Diethylphthalate
Concen: 5.605 ng
RT: 15.380 min Scan# 2090
Delta R.T. -0.012 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05



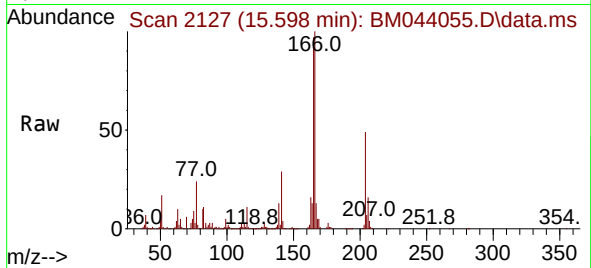
Tgt Ion:149 Resp: 461394
Ion Ratio Lower Upper
149 100
177 21.2 17.5 26.3
150 13.0 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 6.340 ng
RT: 15.598 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

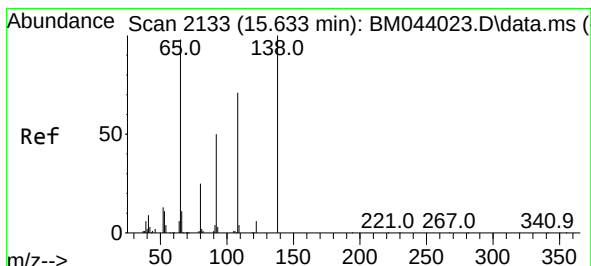
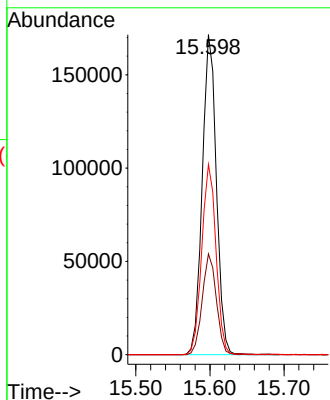
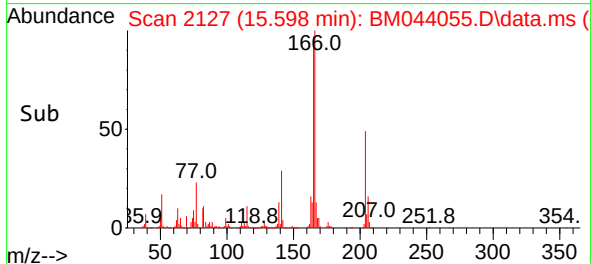
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023



Tgt Ion:204 Resp: 227780
Ion Ratio Lower Upper
204 100
206 31.5 26.3 39.5
141 59.4 47.7 71.5

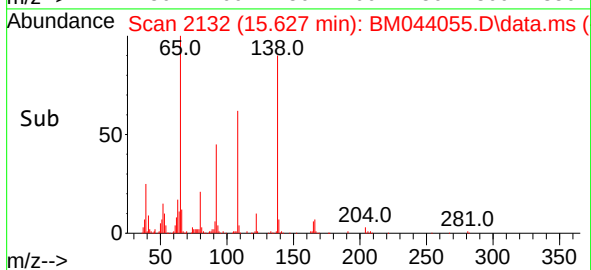
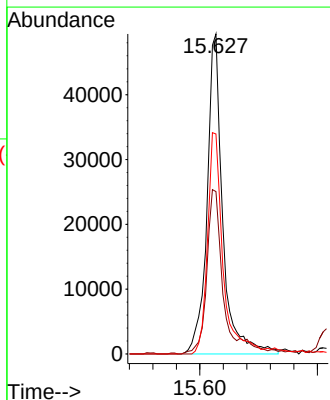
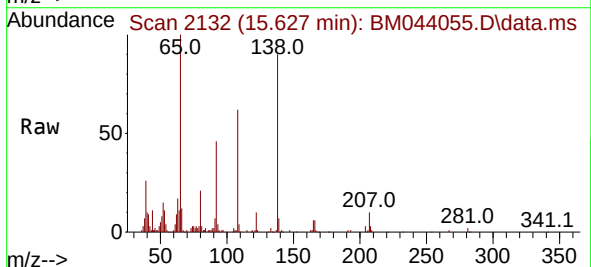
Manual Integrations
APPROVED

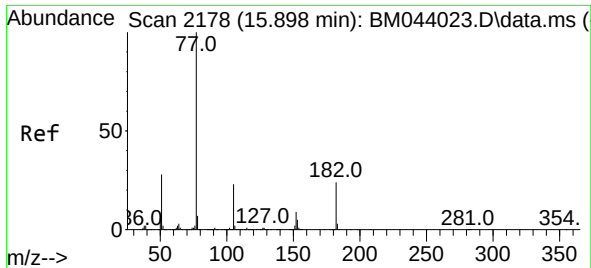
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#62
4-Nitroaniline
Concen: 4.826 ng
RT: 15.627 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

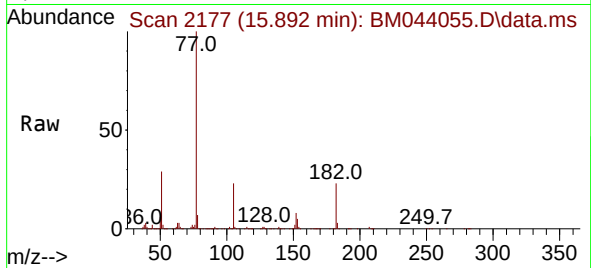
Tgt Ion:138 Resp: 91736
Ion Ratio Lower Upper
138 100
92 50.7 29.6 69.6
108 68.7 47.8 87.8





#63
Azobenzene
Concen: 5.912 ng
RT: 15.892 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

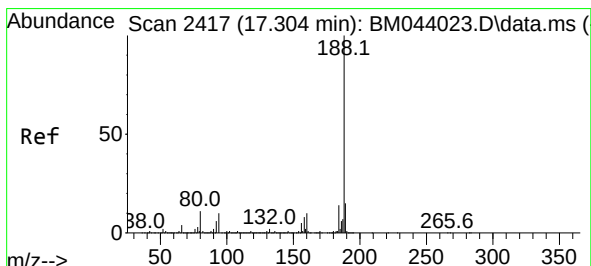
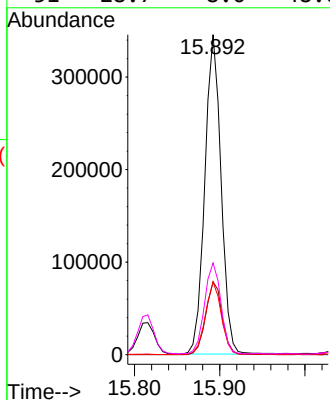
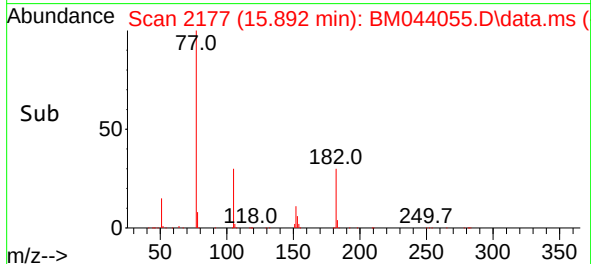
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023



Tgt Ion: 77 Resp: 45660
Ion Ratio Lower Upper
77 100
182 22.8 4.0 44.0
105 22.7 3.3 43.3
51 28.7 8.0 48.0

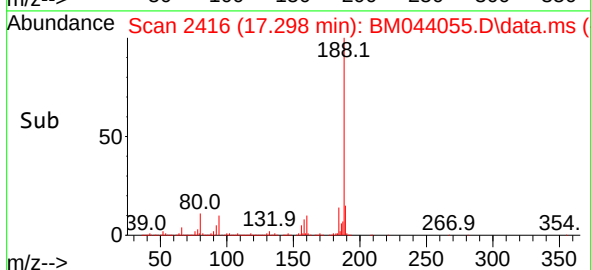
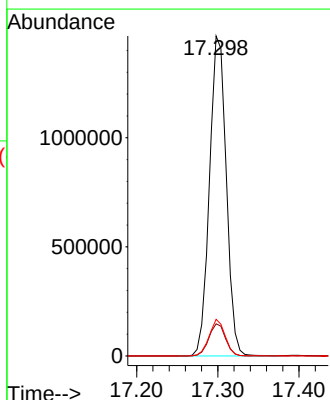
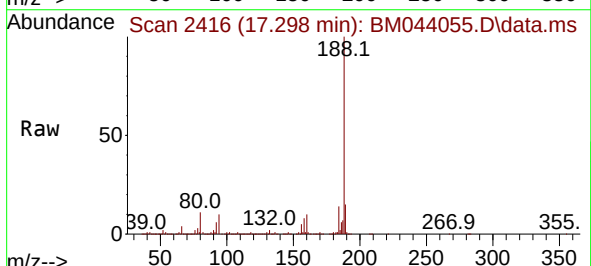
Manual Integrations
APPROVED

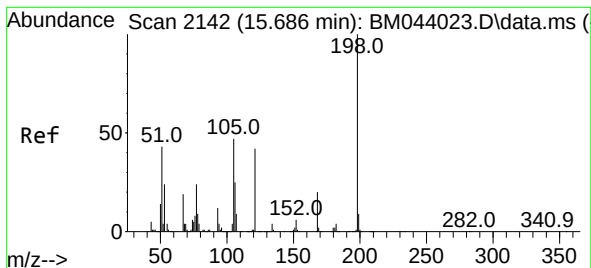
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.298 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

Tgt Ion:188 Resp: 2105289
Ion Ratio Lower Upper
188 100
94 10.1 8.2 12.2
80 11.4 8.8 13.2





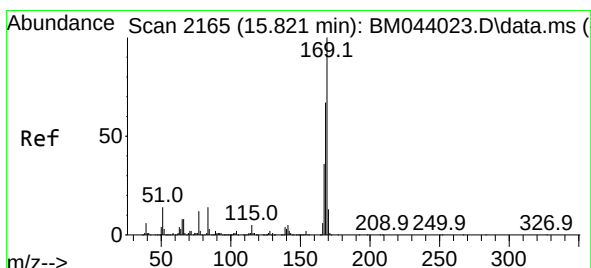
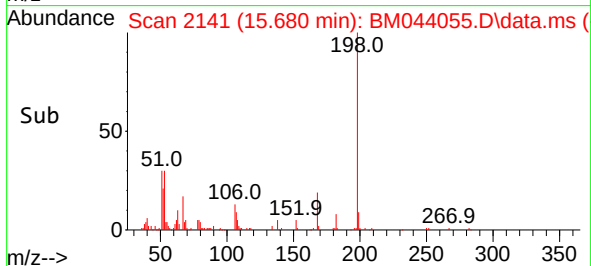
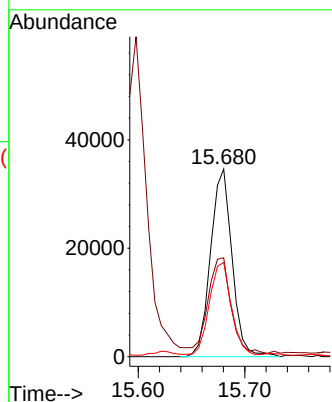
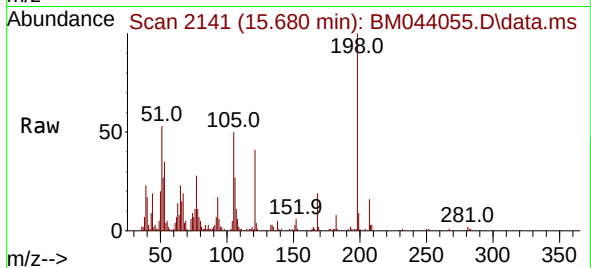
#65
4,6-Dinitro-2-methylphenol
Concen: 3.876 ng
RT: 15.680 min Scan# 2142
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT3-2023

Tgt Ion:198 Resp: 48624
Ion Ratio Lower Upper
198 100
51 52.7 29.9 69.9
105 50.2 28.7 68.7

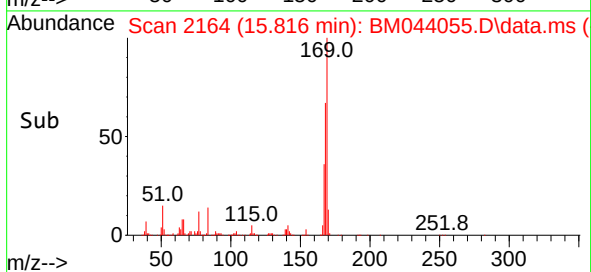
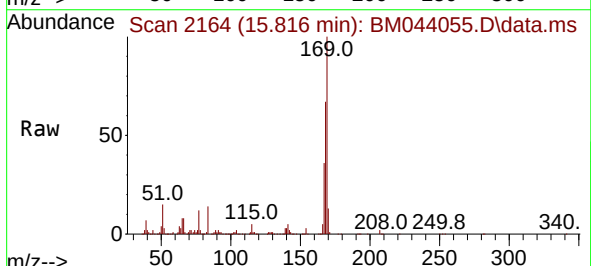
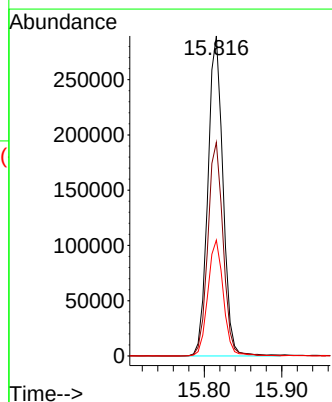
Manual Integrations
APPROVED

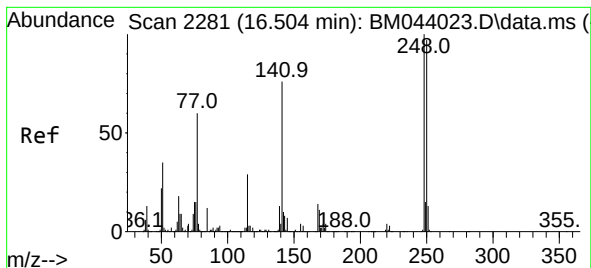
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#66
n-Nitrosodiphenylamine
Concen: 6.123 ng
RT: 15.816 min Scan# 2164
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

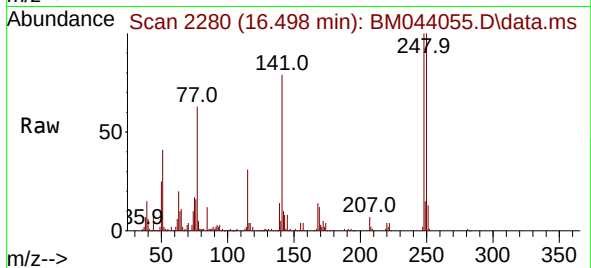
Tgt Ion:169 Resp: 391610
Ion Ratio Lower Upper
169 100
168 66.7 53.8 80.8
167 36.2 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 5.271 ng
RT: 16.498 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

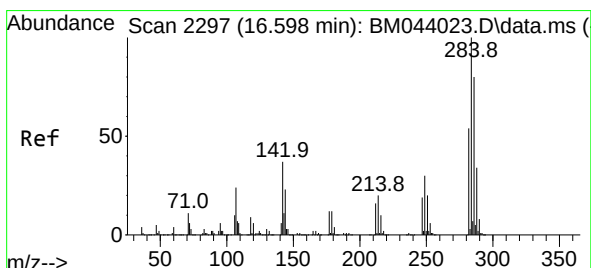
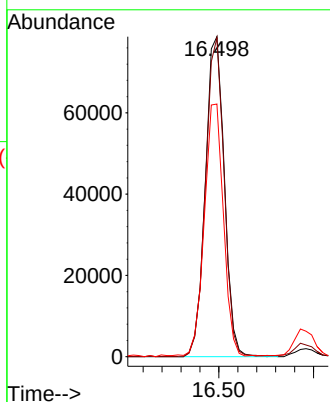
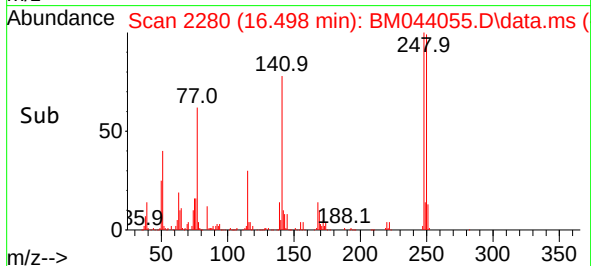
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023



Tgt Ion:248 Resp: 10971
Ion Ratio Lower Upper
248 100
250 99.6 77.4 116.2
141 78.9 61.0 91.6

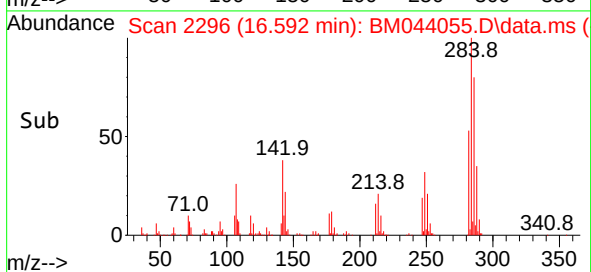
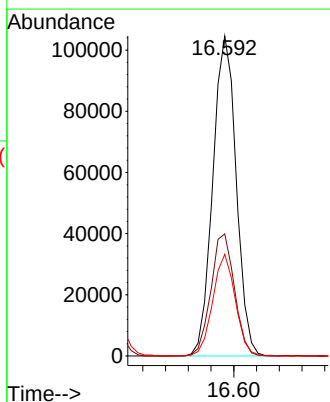
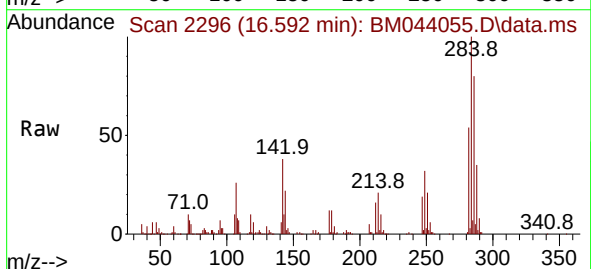
Manual Integrations
APPROVED

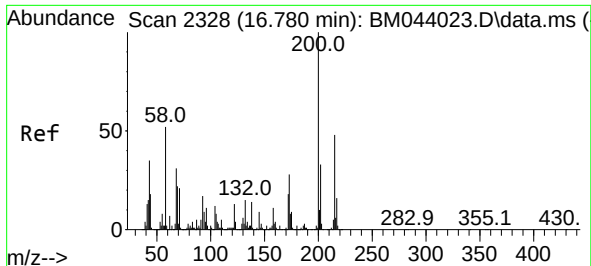
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#68
Hexachlorobenzene
Concen: 5.868 ng
RT: 16.592 min Scan# 2296
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

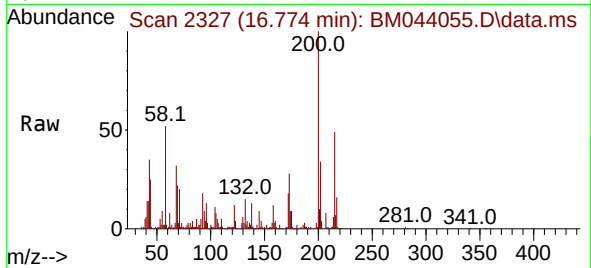
Tgt Ion:284 Resp: 149630
Ion Ratio Lower Upper
284 100
142 38.2 30.0 45.0
249 31.8 24.1 36.1





#69
 Atrazine
 Concen: 6.772 ng
 RT: 16.774 min Scan# 211
 Delta R.T. -0.006 min
 Lab File: BM044055.D
 Acq: 12 Feb 2024 14:05

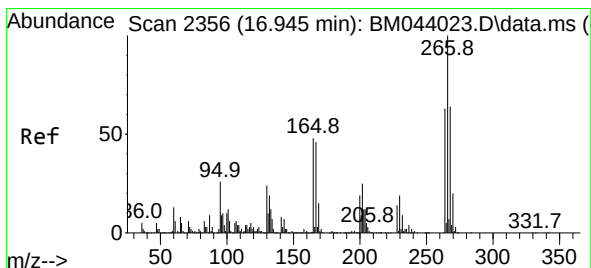
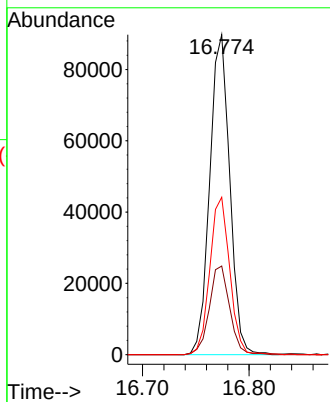
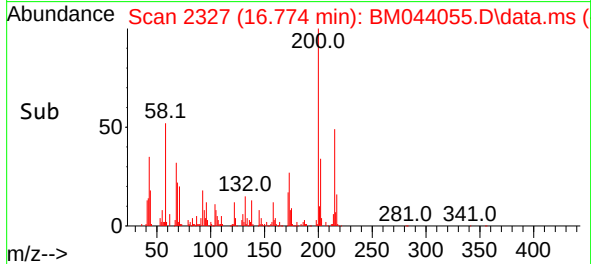
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT3-2023



Tgt Ion:200 Resp: 117292
 Ion Ratio Lower Upper
 200 100
 173 27.7 7.9 47.9
 215 49.2 27.9 67.9

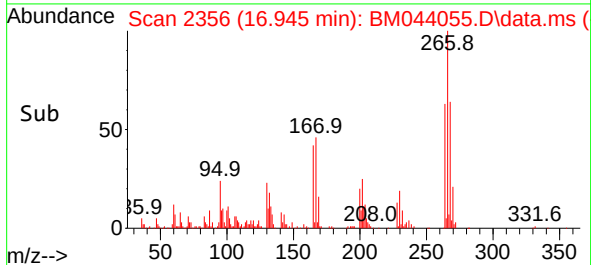
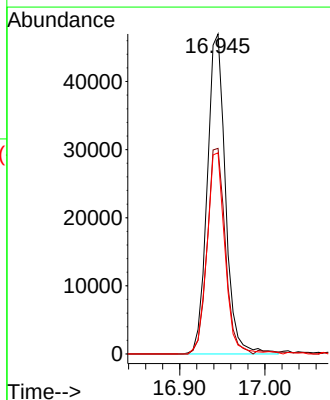
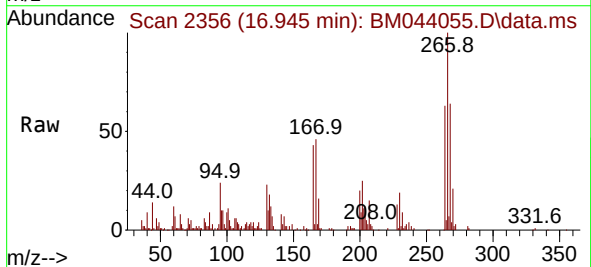
Manual Integrations
 APPROVED

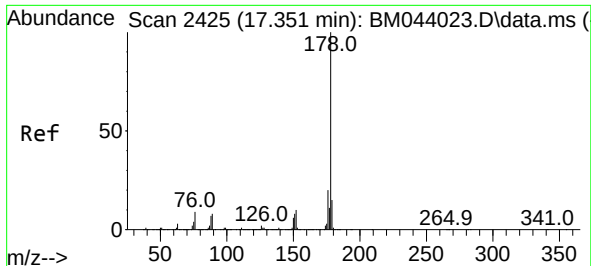
Reviewed By :Yogesh Patel 02/14/2024
 Supervised By :mohammad ahmed 02/14/2024



#70
 Pentachlorophenol
 Concen: 4.203 ng
 RT: 16.945 min Scan# 2356
 Delta R.T. 0.000 min
 Lab File: BM044055.D
 Acq: 12 Feb 2024 14:05

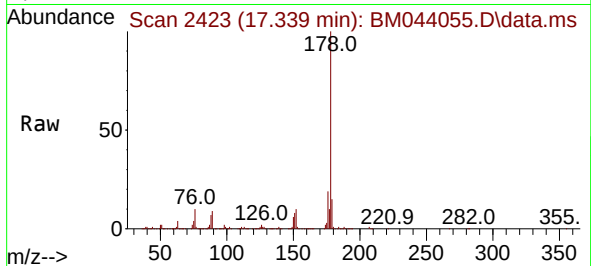
Tgt Ion:266 Resp: 69720
 Ion Ratio Lower Upper
 266 100
 268 64.2 51.1 76.7
 264 62.8 50.5 75.7





#71
Phenanthrene
Concen: 6.411 ng
RT: 17.339 min Scan# 2423
Delta R.T. -0.012 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

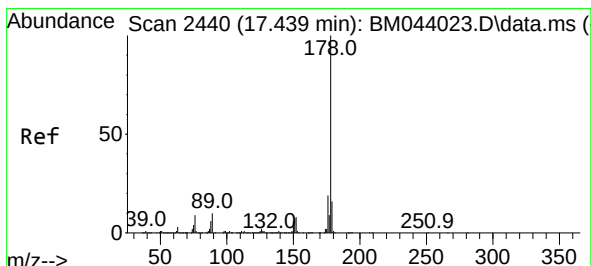
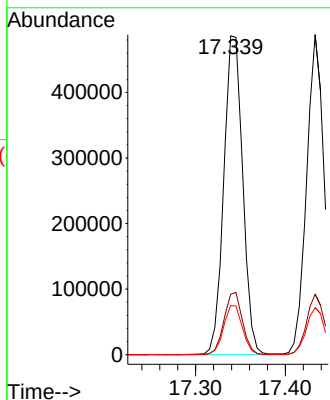
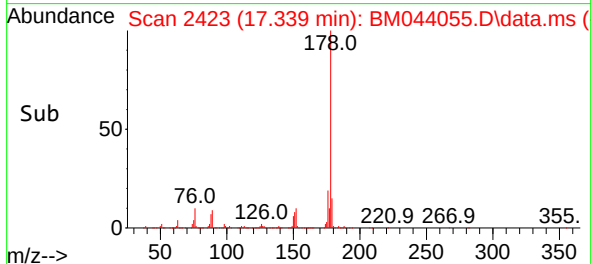
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023



Tgt Ion:178 Resp: 71271
Ion Ratio Lower Upper
178 100
176 19.0 15.6 23.4
179 15.4 12.2 18.4

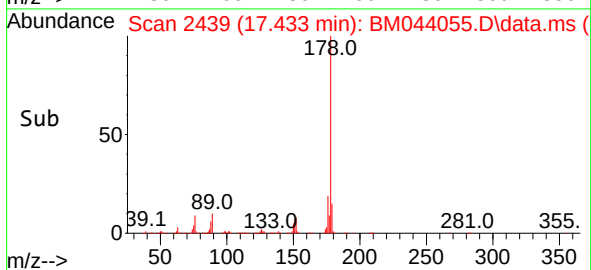
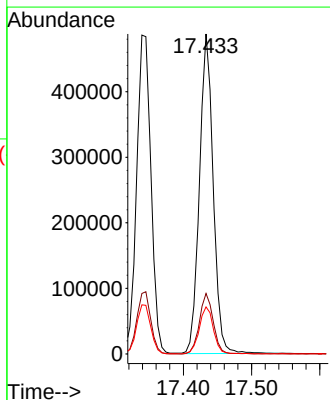
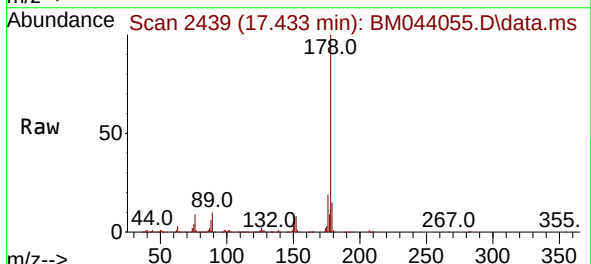
Manual Integrations
APPROVED

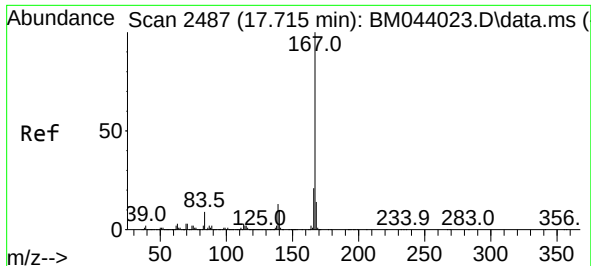
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#72
Anthracene
Concen: 6.203 ng
RT: 17.433 min Scan# 2439
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

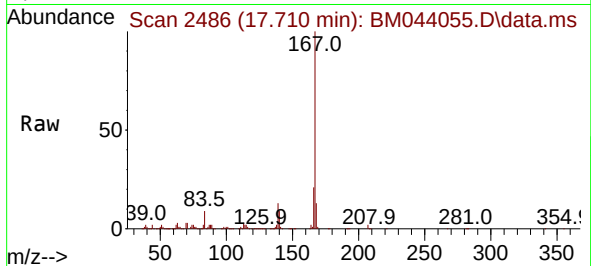
Tgt Ion:178 Resp: 682714
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 14.7 12.4 18.6





#73
 Carbazole
 Concen: 5.843 ng
 RT: 17.710 min Scan# 2487
 Delta R.T. -0.006 min
 Lab File: BM044055.D
 Acq: 12 Feb 2024 14:05

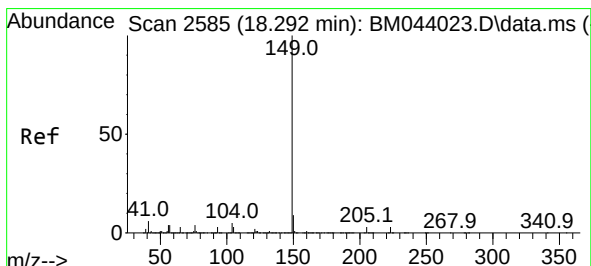
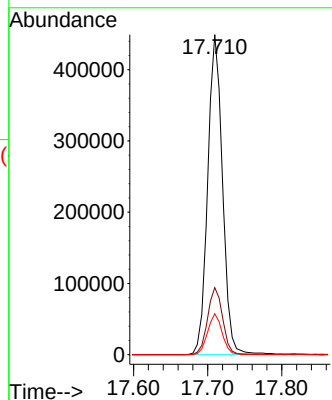
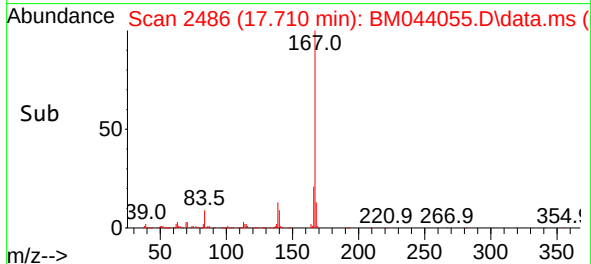
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT3-2023



Tgt Ion:167 Resp: 625395
 Ion Ratio Lower Upper
 167 100
 166 21.0 16.8 25.2
 139 12.8 10.4 15.6

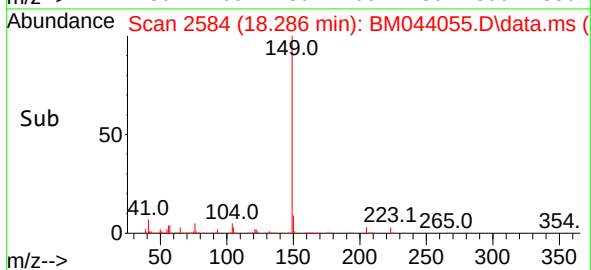
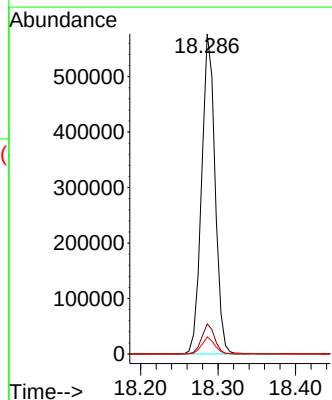
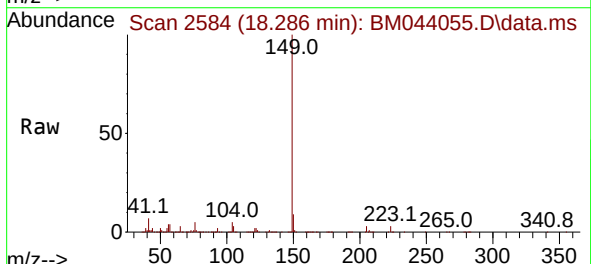
Manual Integrations
 APPROVED

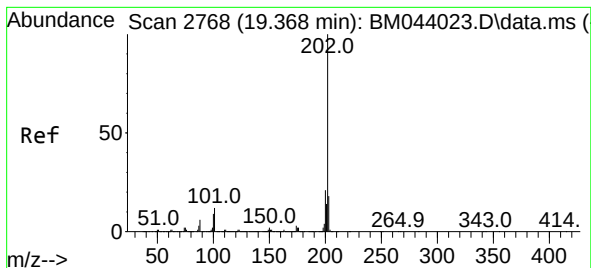
Reviewed By :Yogesh Patel 02/14/2024
 Supervised By :mohammad ahmed 02/14/2024



#74
 Di-n-butylphthalate
 Concen: 5.001 ng
 RT: 18.286 min Scan# 2584
 Delta R.T. -0.006 min
 Lab File: BM044055.D
 Acq: 12 Feb 2024 14:05

Tgt Ion:149 Resp: 695725
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 5.3 3.8 5.6





#75

Fluoranthene

Concen: 5.833 ng

RT: 19.362 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM044055.D

Acq: 12 Feb 2024 14:05

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2023

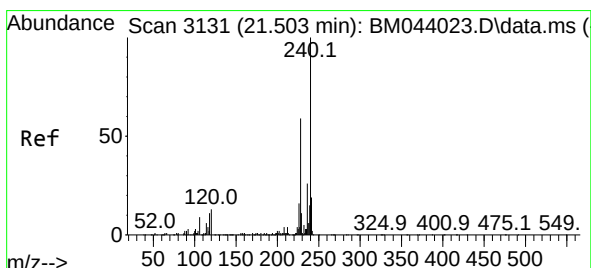
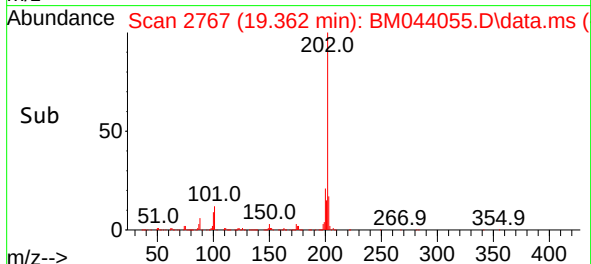
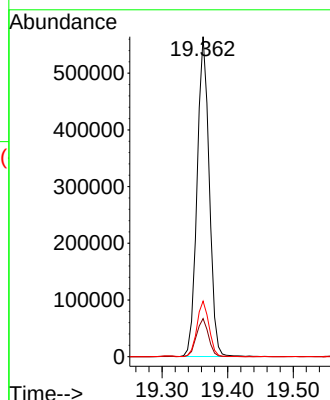
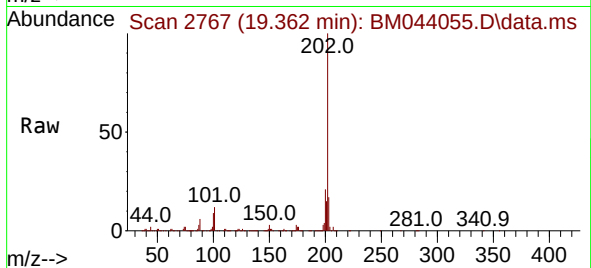
Tgt Ion:	202	Resp:	728419
Ion Ratio	Lower	Upper	
202	100		
101	11.9	0.0	32.4
203	17.3	0.0	37.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/14/2024

Supervised By :mohammad ahmed 02/14/2024



#76

Chrysene-d12

Concen: 20.000 ng

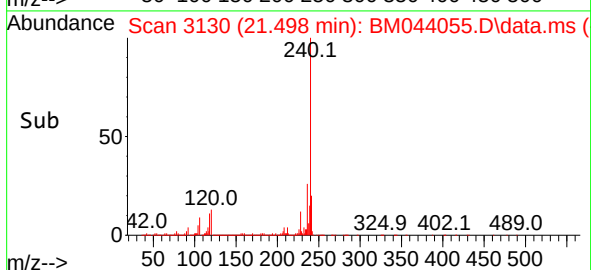
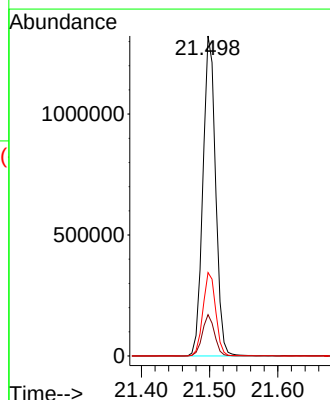
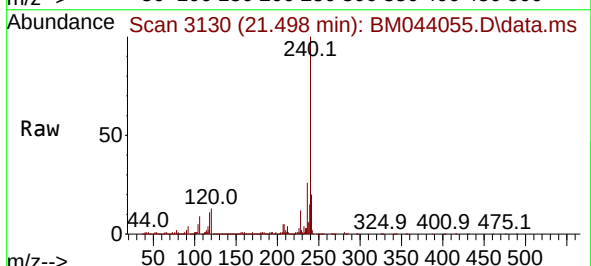
RT: 21.498 min Scan# 3130

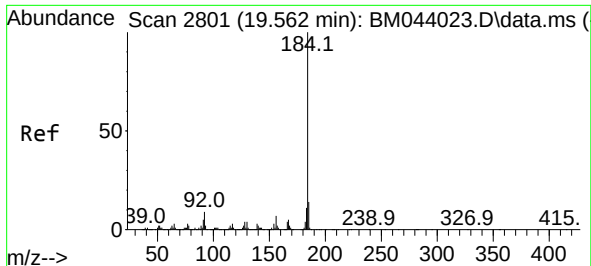
Delta R.T. -0.006 min

Lab File: BM044055.D

Acq: 12 Feb 2024 14:05

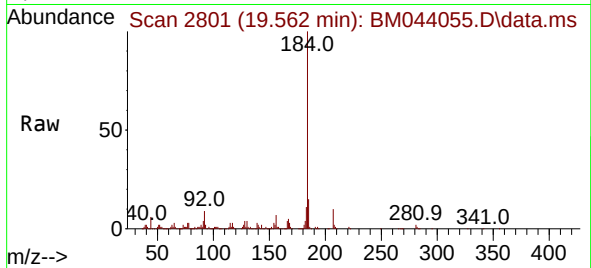
Tgt Ion:	240	Resp:	1713198
Ion Ratio	Lower	Upper	
240	100		
120	12.9	10.1	15.1
236	26.1	20.6	31.0





#77
Benzidine
Concen: 9.705 ng
RT: 19.562 min Scan# 2801
Delta R.T. 0.000 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

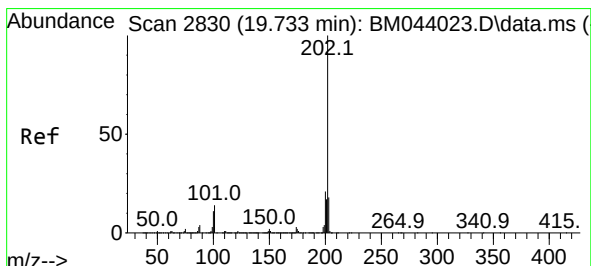
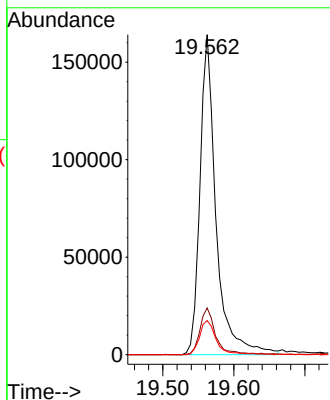
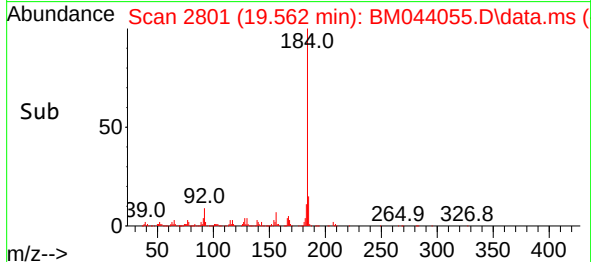
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023



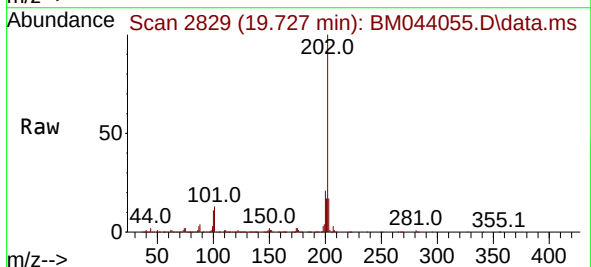
Tgt Ion:184 Resp: 25838
Ion Ratio Lower Upper
184 100
185 14.6 11.0 16.6
183 10.7 9.0 13.4

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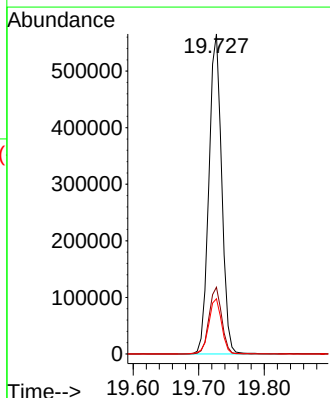
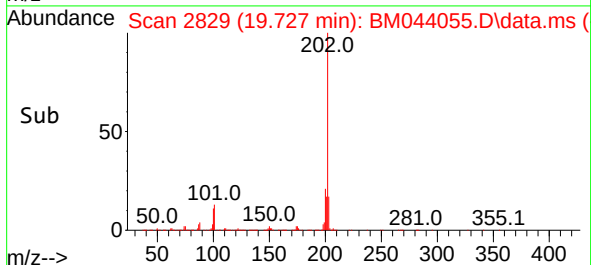
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024

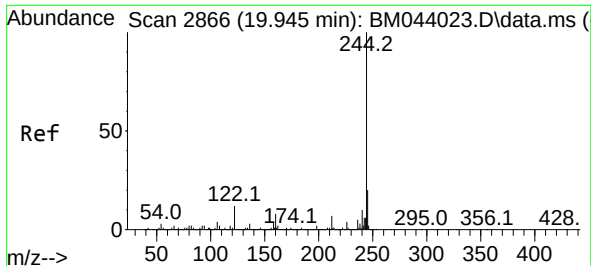


#78
Pyrene
Concen: 5.800 ng
RT: 19.727 min Scan# 2829
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05



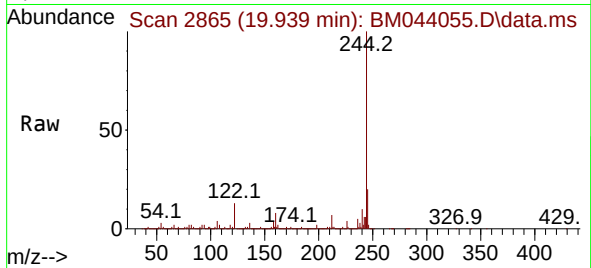
Tgt Ion:202 Resp: 765299
Ion Ratio Lower Upper
202 100
200 20.9 16.8 25.2
203 17.3 14.0 21.0





#79
 Terphenyl-d14
 Concen: 60.663 ng
 RT: 19.939 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM044055.D
 Acq: 12 Feb 2024 14:05

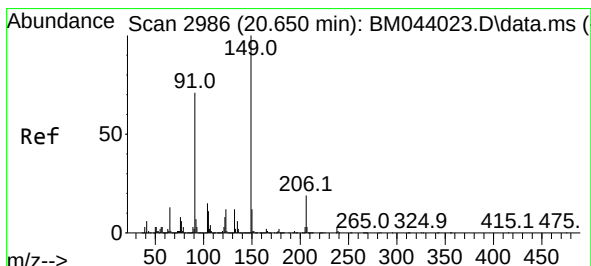
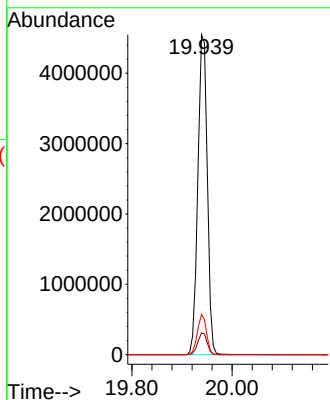
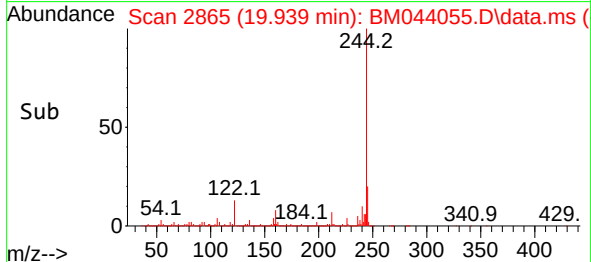
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT3-2023



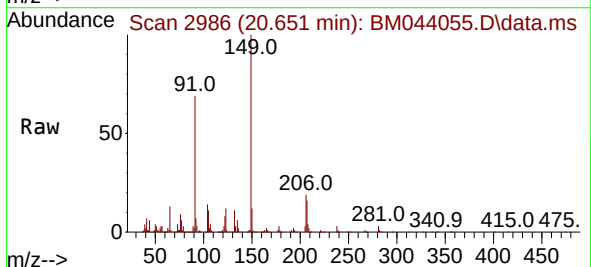
Tgt Ion:244 Resp: 592845
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 12.6 9.5 14.3

Manual Integrations
 APPROVED

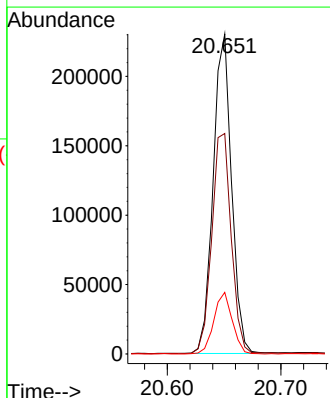
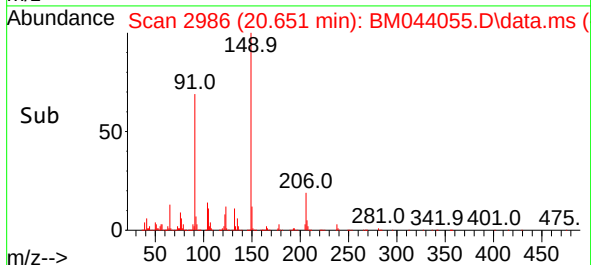
Reviewed By :Yogesh Patel 02/14/2024
 Supervised By :mohammad ahmed 02/14/2024

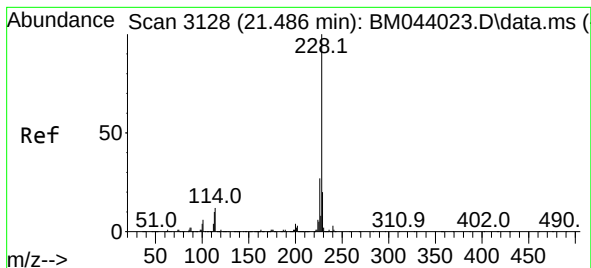


#80
 Butylbenzylphthalate
 Concen: 4.431 ng
 RT: 20.651 min Scan# 2986
 Delta R.T. 0.000 min
 Lab File: BM044055.D
 Acq: 12 Feb 2024 14:05



Tgt Ion:149 Resp: 259876
 Ion Ratio Lower Upper
 149 100
 91 68.9 56.8 85.2
 206 19.2 15.0 22.6





#81

Benzo(a)anthracene

Concen: 6.066 ng

RT: 21.486 min Scan# 3128

Delta R.T. 0.000 min

Lab File: BM044055.D

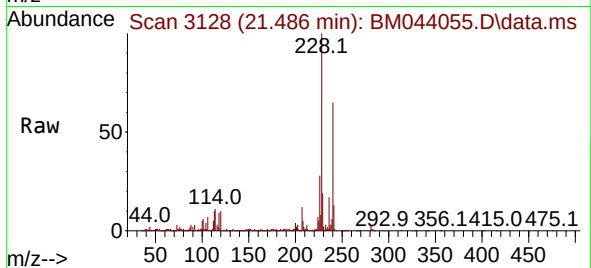
Acq: 12 Feb 2024 14:05

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2023



Tgt Ion:228 Resp: 72290

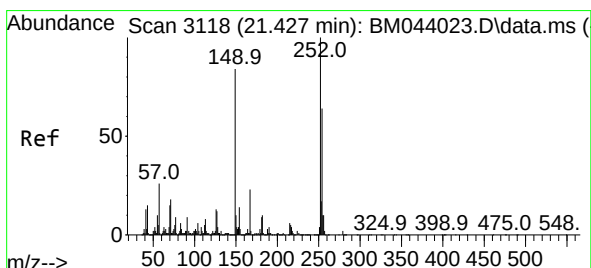
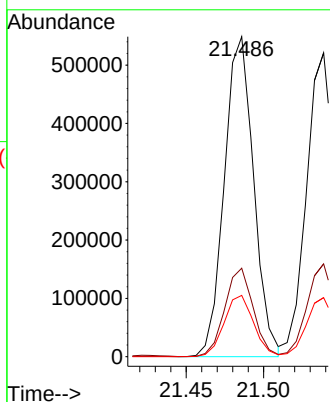
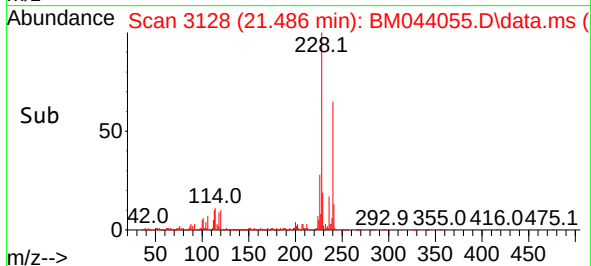
Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.4	32.2
229	19.2	15.9	23.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/14/2024

Supervised By :mohammad ahmed 02/14/2024



#82

3,3'-Dichlorobenzidine

Concen: 5.810 ng

RT: 21.427 min Scan# 3118

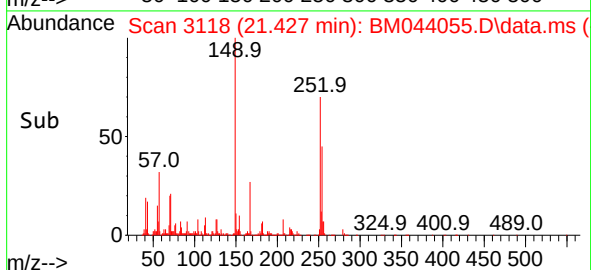
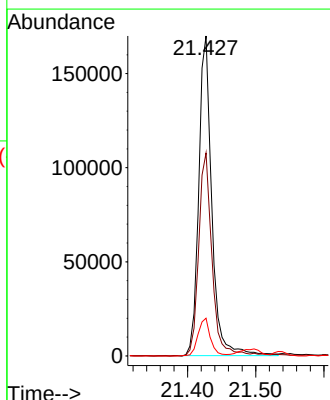
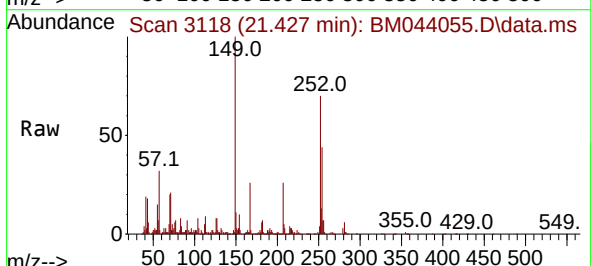
Delta R.T. 0.000 min

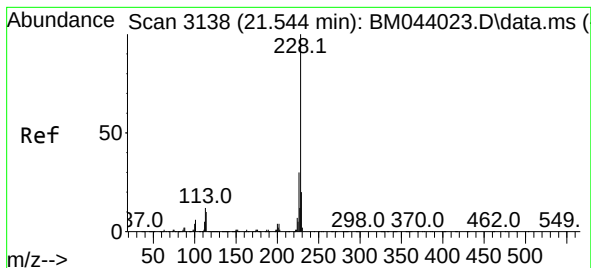
Lab File: BM044055.D

Acq: 12 Feb 2024 14:05

Tgt Ion:252 Resp: 227160

Ion	Ratio	Lower	Upper
252	100		
254	63.5	51.2	76.8
126	11.8	10.2	15.4





#83

Chrysene

Concen: 6.001 ng

RT: 21.539 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BM044055.D

Acq: 12 Feb 2024 14:05

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2023

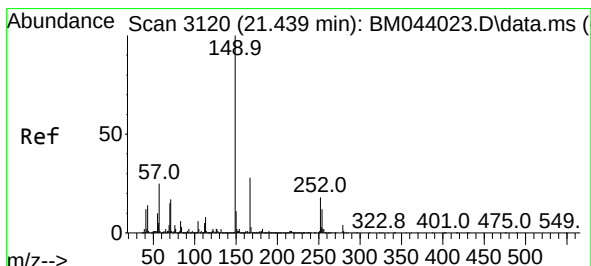
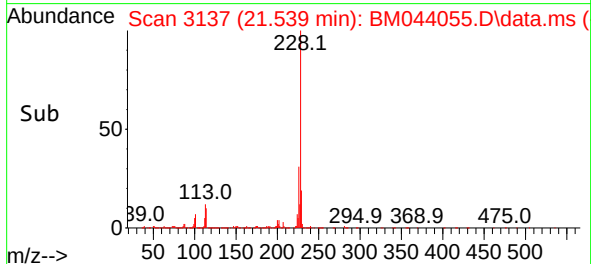
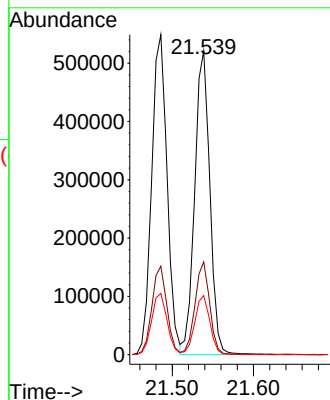
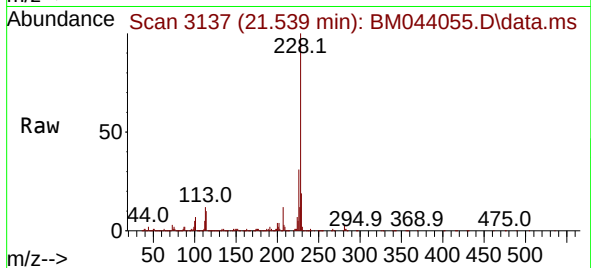
Tgt Ion:228 Resp: 675672
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.2 36.2
 229 19.4 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/14/2024

Supervised By :mohammad ahmed 02/14/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.564 ng

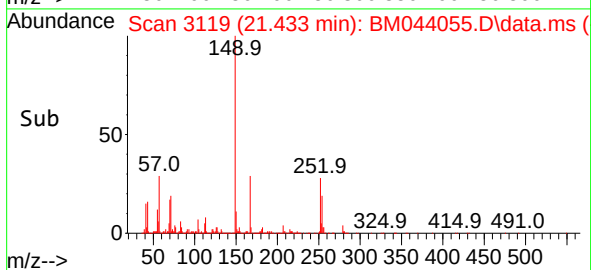
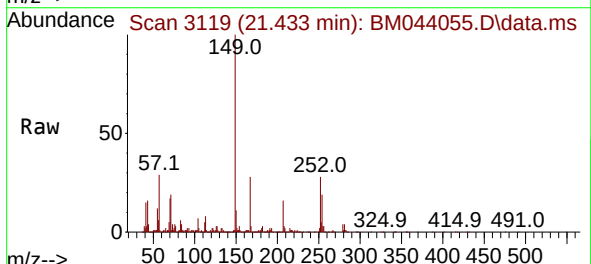
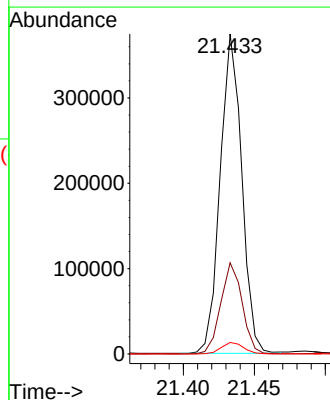
RT: 21.433 min Scan# 3119

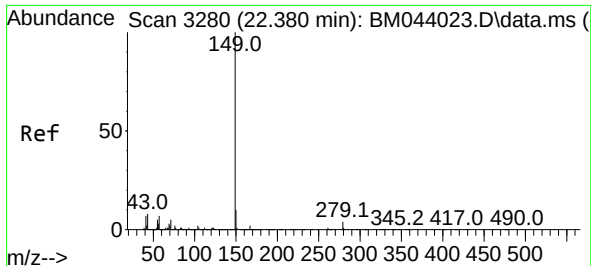
Delta R.T. -0.006 min

Lab File: BM044055.D

Acq: 12 Feb 2024 14:05

Tgt Ion:149 Resp: 394941
 Ion Ratio Lower Upper
 149 100
 167 28.5 22.6 33.8
 279 3.6 3.1 4.7





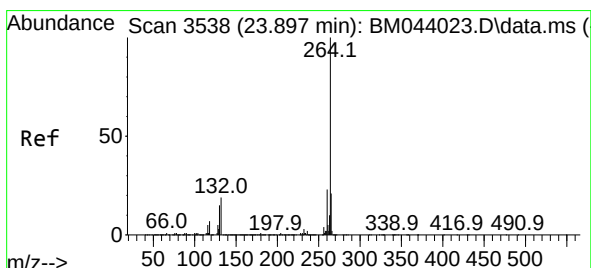
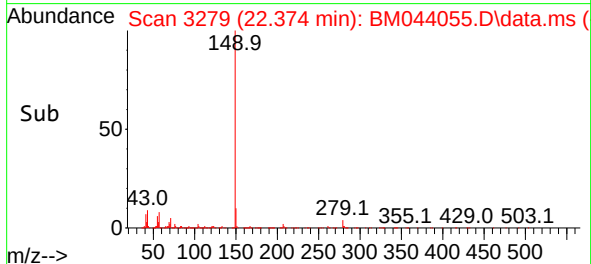
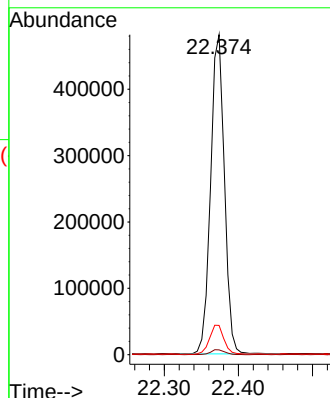
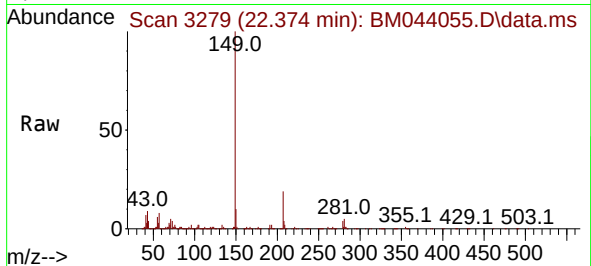
#85
Di-n-octyl phthalate
Concen: 4.122 ng
RT: 22.374 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023

Tgt Ion:149 Resp: 62300
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.5 7.0 10.4

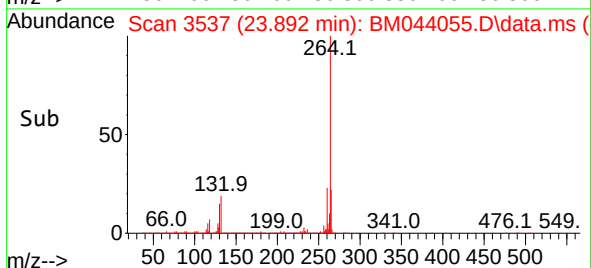
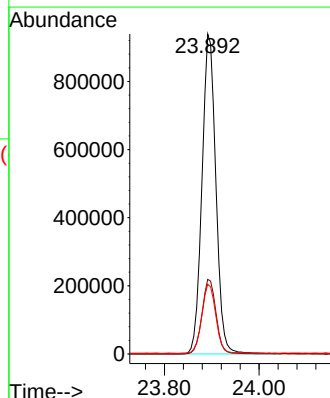
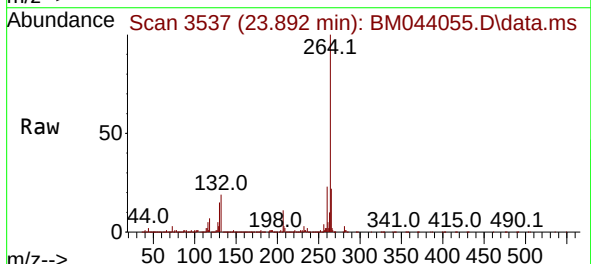
Manual Integrations
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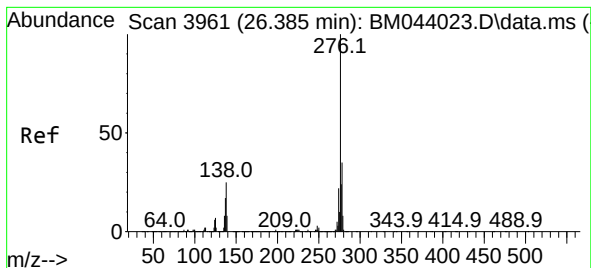
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.892 min Scan# 3537
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

Tgt Ion:264 Resp: 1913465
Ion Ratio Lower Upper
264 100
260 23.3 18.8 28.2
265 21.8 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 5.853 ng

RT: 26.374 min Scan# 3959

Delta R.T. -0.012 min

Lab File: BM044055.D

Acq: 12 Feb 2024 14:05

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2023

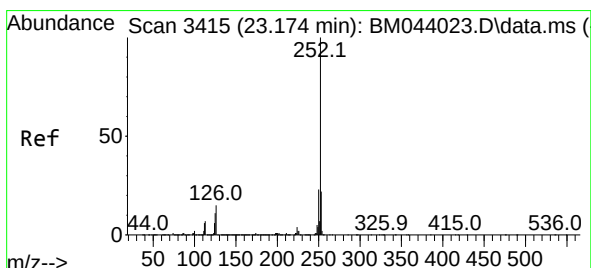
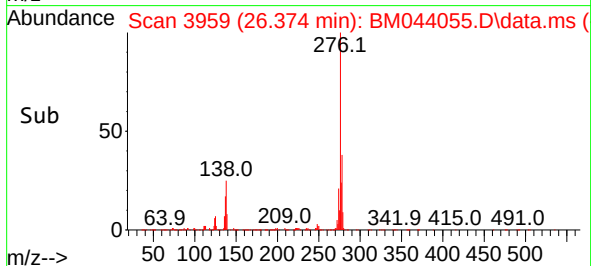
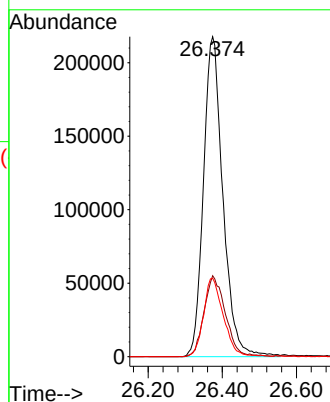
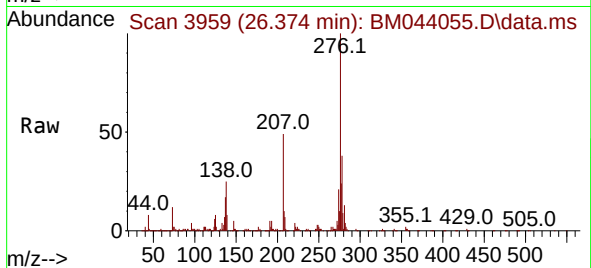
Tgt Ion:	276	Resp:	79264
Ion Ratio	Lower	Upper	
276	100		
138	27.9	22.6	34.0
277	25.1	20.2	30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/14/2024

Supervised By :mohammad ahmed 02/14/2024



#88

Benzo(b)fluoranthene

Concen: 5.957 ng

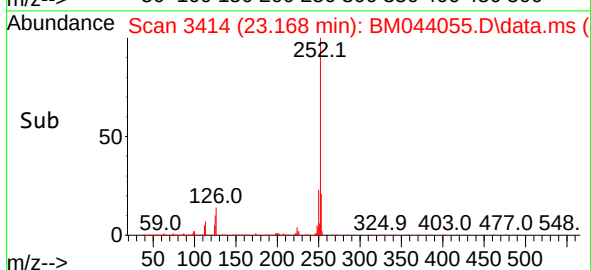
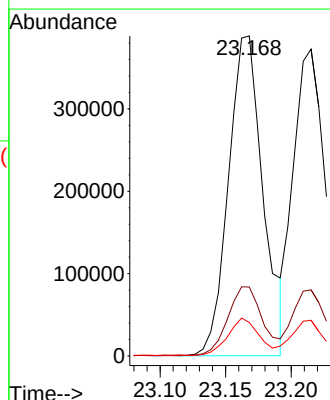
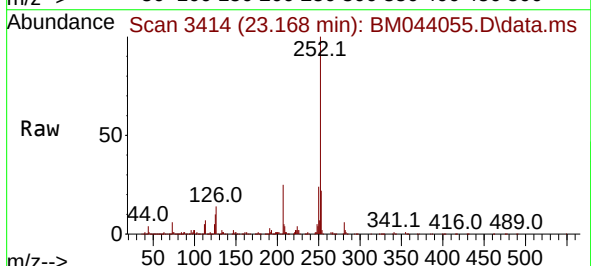
RT: 23.168 min Scan# 3414

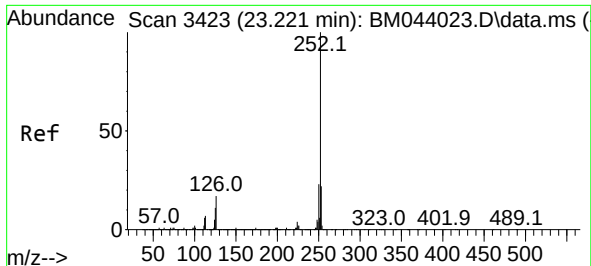
Delta R.T. -0.006 min

Lab File: BM044055.D

Acq: 12 Feb 2024 14:05

Tgt Ion:	252	Resp:	712505
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.6	26.4
125	10.4	8.8	13.2





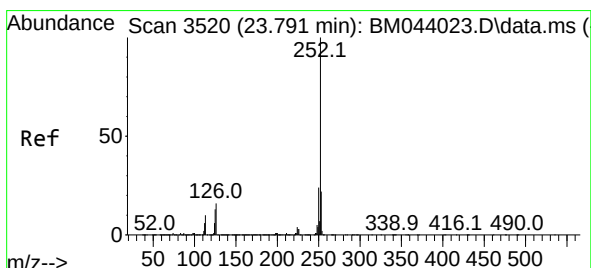
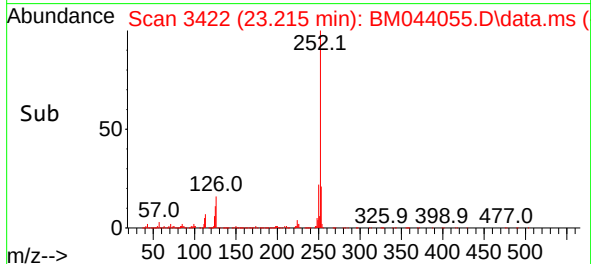
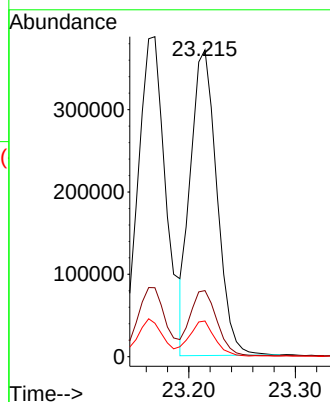
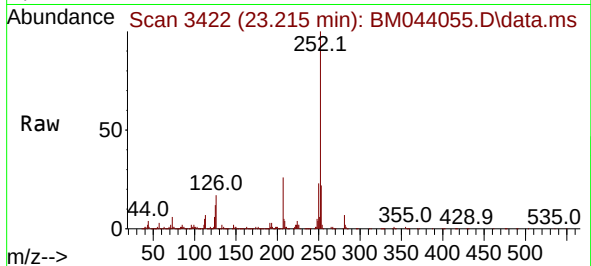
#89
Benzo(k)fluoranthene
Concen: 5.615 ng
RT: 23.215 min Scan# 3423
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

Instrument : BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2023

Tgt Ion:252 Resp: 638229
Ion Ratio Lower Upper
252 100
253 21.5 17.7 26.5
125 11.6 9.0 13.4

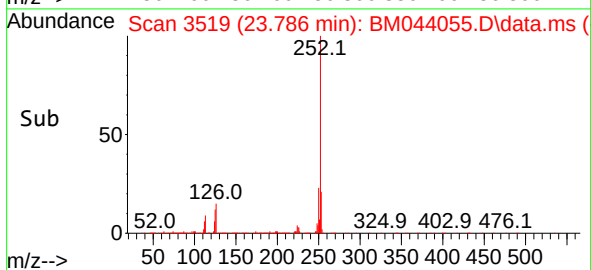
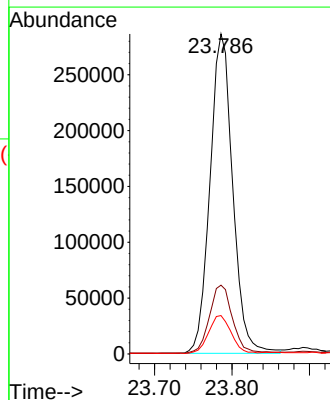
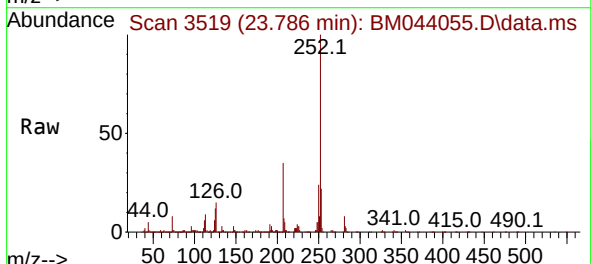
Manual Integrations
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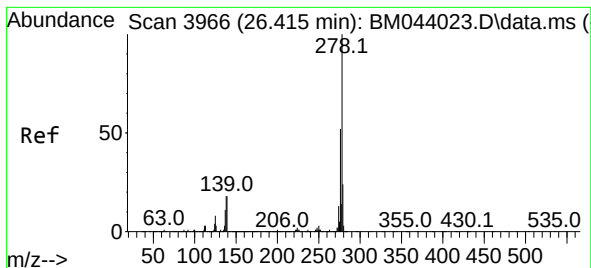
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#90
Benzo(a)pyrene
Concen: 5.574 ng
RT: 23.786 min Scan# 3519
Delta R.T. -0.006 min
Lab File: BM044055.D
Acq: 12 Feb 2024 14:05

Tgt Ion:252 Resp: 582317
Ion Ratio Lower Upper
252 100
253 21.5 17.7 26.5
125 12.0 10.1 15.1





#91

Dibenzo(a,h)anthracene

Concen: 5.924 ng

RT: 26.403 min Scan# 3966

Delta R.T. -0.012 min

Lab File: BM044055.D

Acq: 12 Feb 2024 14:05

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2023

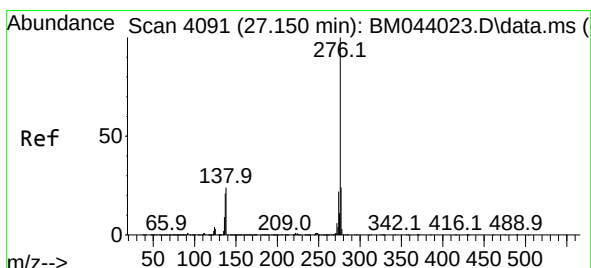
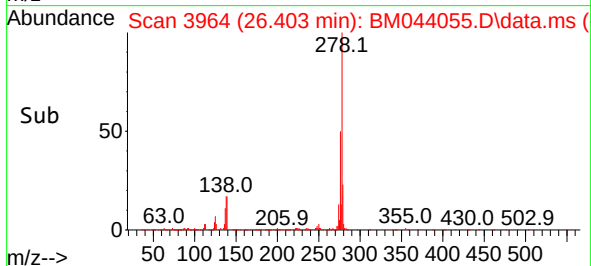
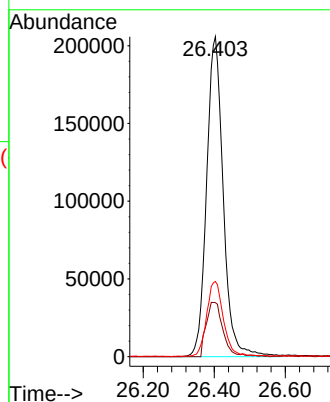
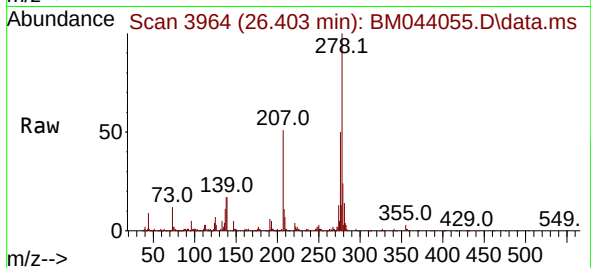
Tgt Ion:	278	Resp:	671104
Ion Ratio	Lower	Upper	
278	100		
139	16.9	14.5	21.7
279	23.5	18.9	28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/14/2024

Supervised By :mohammad ahmed 02/14/2024



#92

Benzo(g,h,i)perylene

Concen: 5.653 ng

RT: 27.132 min Scan# 4088

Delta R.T. -0.017 min

Lab File: BM044055.D

Acq: 12 Feb 2024 14:05

Tgt Ion:	276	Resp:	649507
Ion Ratio	Lower	Upper	
276	100		
277	24.0	19.0	28.4
138	24.8	19.1	28.7

