

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021224\
 Data File : BM044065.D
 Acq On : 12 Feb 2024 20:08
 Operator : MA/JU
 Sample : P1187-09
 Misc : MDL-MDL-WATER-8PPM
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Feb 13 00:49:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 09 02:42:01 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	499341	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	2020448	20.000	ng	0.00
39) Acenaphthene-d10	14.551	164	1141728	20.000	ng	0.00
64) Phenanthrene-d10	17.298	188	2239573	20.000	ng	0.00
76) Chrysene-d12	21.503	240	1862268	20.000	ng	0.00
86) Perylene-d12	23.897	264	2084275	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	2839970	82.720	ng	0.00
7) Phenol-d6	7.075	99	3628486	83.065	ng	0.00
23) Nitrobenzene-d5	9.075	82	2374885	62.372	ng	0.00
42) 2,4,6-Tribromophenol	16.039	330	1028089	83.167	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	4982824	61.594	ng	0.00
79) Terphenyl-d14	19.945	244	6382877	60.085	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.387	88	90386	6.634	ng	97
3) Pyridine	3.787	79	195289	5.429	ng	98
4) n-Nitrosodimethylamine	3.710	42	82653	6.056	ng	# 91
6) Aniline	7.240	93	302978	7.054	ng	98
8) 2-Chlorophenol	7.463	128	211979	5.913	ng	97
9) Benzaldehyde	7.051	77	190077m	8.467	ng	
10) Phenol	7.098	94	269578	6.115	ng	98
11) bis(2-Chloroethyl)ether	7.340	93	216855	5.940	ng	97
12) 1,3-Dichlorobenzene	7.793	146	240813	5.916	ng	98
13) 1,4-Dichlorobenzene	7.940	146	245390	5.981	ng	98
14) 1,2-Dichlorobenzene	8.251	146	231240	5.915	ng	99
15) Benzyl Alcohol	8.151	79	169937	5.975	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.440	45	287167	6.205	ng	100
17) 2-Methylphenol	8.351	107	167376	5.784	ng	98
18) Hexachloroethane	8.975	117	87834	5.717	ng	98
19) n-Nitroso-di-n-propyla...	8.716	70	163060	6.079	ng	97
20) 3+4-Methylphenols	8.681	107	225564	5.663	ng	97
22) Acetophenone	8.734	105	335320	6.538	ng	# 98
24) Nitrobenzene	9.116	77	242386	6.216	ng	98
25) Isophorone	9.640	82	428795	5.848	ng	99
26) 2-Nitrophenol	9.822	139	94037	5.202	ng	95
27) 2,4-Dimethylphenol	9.887	122	158149	6.842	ng	98
28) bis(2-Chloroethoxy)met...	10.134	93	285650	6.024	ng	99
29) 2,4-Dichlorophenol	10.351	162	168338	5.531	ng	97
30) 1,2,4-Trichlorobenzene	10.569	180	205987	6.019	ng	97
31) Naphthalene	10.757	128	679572	6.094	ng	99
32) Benzoic acid	9.951	122	65533	2.814	ng	97
33) 4-Chloroaniline	10.875	127	265620	6.291	ng	99
34) Hexachlorobutadiene	11.034	225	112671	5.752	ng	99
35) Caprolactam	11.645	113	48831	4.986	ng	93
36) 4-Chloro-3-methylphenol	11.992	107	180576	5.480	ng	94
37) 2-Methylnaphthalene	12.369	142	438008	5.897	ng	99
38) 1-Methylnaphthalene	12.586	142	423956	5.809	ng	99
40) 1,2,4,5-Tetrachloroben...	12.733	216	206718	6.229	ng	99
41) Hexachlorocyclopentadiene	12.704	237	99552	6.874	ng	100
43) 2,4,6-Trichlorophenol	12.980	196	120564	5.338	ng	98

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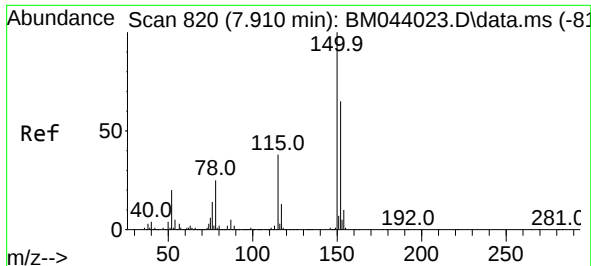
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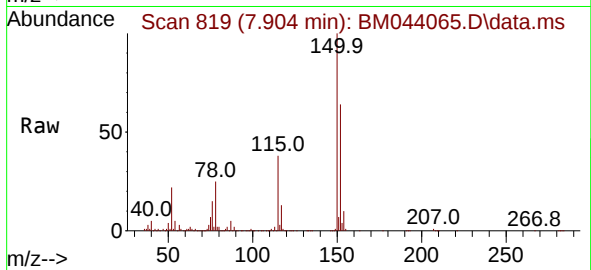
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.045	196	130877	5.281	ng	97
46) 1,1'-Biphenyl	13.386	154	577503	6.410	ng	100
47) 2-Chloronaphthalene	13.422	162	431037	6.040	ng	98
48) 2-Nitroaniline	13.639	65	109586	5.458	ng	91
49) Acenaphthylene	14.269	152	691322	6.493	ng	99
50) Dimethylphthalate	14.016	163	509967	6.024	ng	100
51) 2,6-Dinitrotoluene	14.139	165	99183	5.311	ng	95
52) Acenaphthene	14.610	154	400089	6.072	ng	100
53) 3-Nitroaniline	14.463	138	103100	5.137	ng	95
54) 2,4-Dinitrophenol	14.669	184	33881	8.399	ng	93
55) Dibenzofuran	14.945	168	644594	6.320	ng	98
56) 4-Nitrophenol	14.763	139	73898	4.529	ng	94
57) 2,4-Dinitrotoluene	14.922	165	120159	4.922	ng	93
58) Fluorene	15.598	166	504032	6.396	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.169	232	113342	5.828	ng	99
60) Diethylphthalate	15.380	149	496434	5.674	ng	99
61) 4-Chlorophenyl-phenyle...	15.598	204	241776	6.331	ng	98
62) 4-Nitroaniline	15.627	138	99920	4.945	ng	99
63) Azobenzene	15.892	77	491661	5.990	ng	98
65) 4,6-Dinitro-2-methylph...	15.674	198	52433	3.929	ng	93
66) n-Nitrosodiphenylamine	15.816	169	412783	6.067	ng	99
67) 4-Bromophenyl-phenylether	16.498	248	113467	5.124	ng	98
68) Hexachlorobenzene	16.592	284	159231	5.870	ng	98
69) Atrazine	16.774	200	131998	7.165	ng	99
70) Pentachlorophenol	16.945	266	73691	4.176	ng	99
71) Phenanthrene	17.339	178	752248	6.361	ng	100
72) Anthracene	17.433	178	728848	6.225	ng	99
73) Carbazole	17.710	167	676285	5.939	ng	99
74) Di-n-butylphthalate	18.286	149	766117	5.176	ng	99
75) Fluoranthene	19.362	202	781392	5.882	ng	99
77) Benzidine	19.562	184	276220	9.544	ng	99
78) Pyrene	19.727	202	825209	5.754	ng	99
80) Butylbenzylphthalate	20.651	149	288434	4.524	ng	99
81) Benzo(a)anthracene	21.486	228	787829	6.082	ng	99
82) 3,3'-Dichlorobenzidine	21.427	252	254450	5.987	ng	99
83) Chrysene	21.539	228	725268	5.926	ng	98
84) Bis(2-ethylhexyl)phtha...	21.433	149	461982	4.911	ng	98
85) Di-n-octyl phthalate	22.374	149	706957	4.303	ng	98
87) Indeno(1,2,3-cd)pyrene	26.374	276	856797	5.808	ng	99
88) Benzo(b)fluoranthene	23.168	252	743465	5.706	ng	99
89) Benzo(k)fluoranthene	23.215	252	735700	5.942	ng	100
90) Benzo(a)pyrene	23.792	252	633899	5.570	ng	98
91) Dibenzo(a,h)anthracene	26.403	278	726457	5.887	ng	99
92) Benzo(g,h,i)perylene	27.132	276	696829	5.568	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: BM044065.D
Acq: 12 Feb 2024 20:08

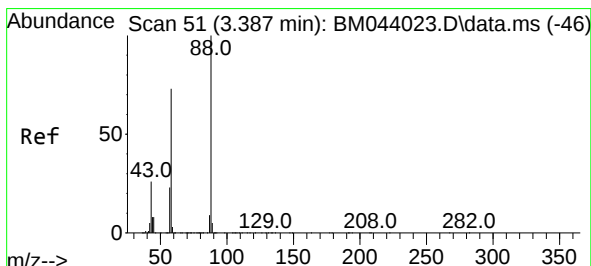
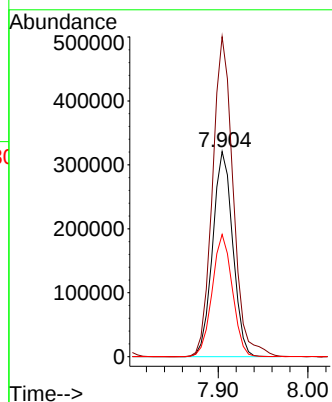
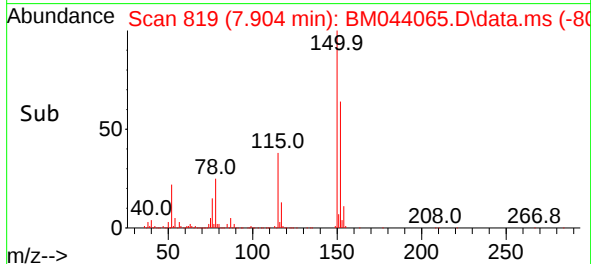
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT1-2024



Tgt Ion:152 Resp: 49934
Ion Ratio Lower Upper
152 100
150 156.0 122.7 184.1
115 59.6 47.0 70.6

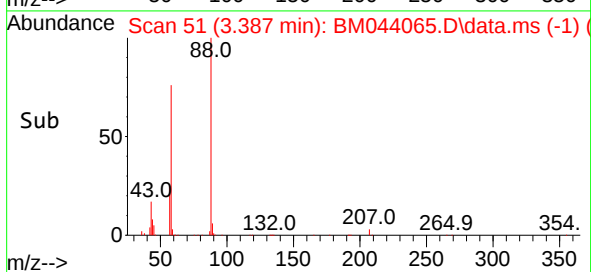
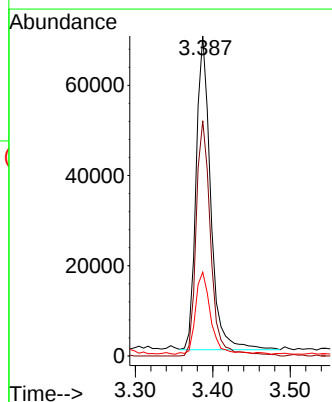
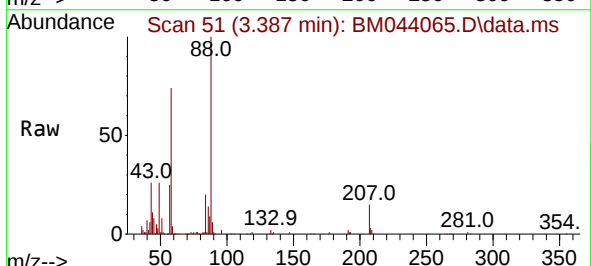
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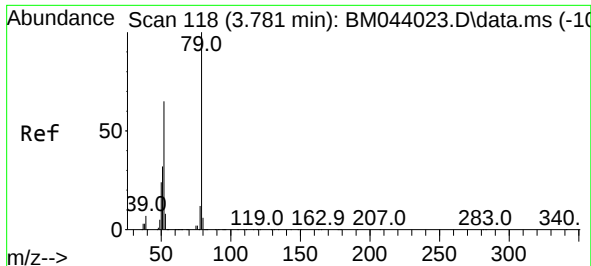
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#2
1,4-Dioxane
Concen: 6.634 ng
RT: 3.387 min Scan# 51
Delta R.T. 0.000 min
Lab File: BM044065.D
Acq: 12 Feb 2024 20:08

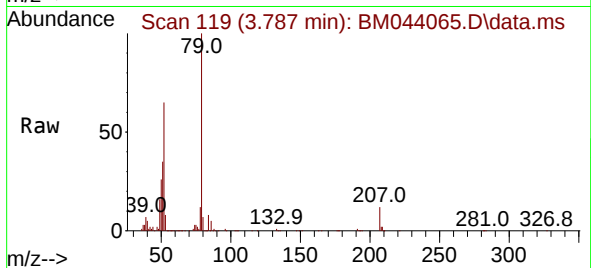
Tgt Ion: 88 Resp: 90386
Ion Ratio Lower Upper
88 100
58 75.1 58.1 87.1
43 27.3 21.1 31.7





#3
Pyridine
Concen: 5.429 ng
RT: 3.787 min Scan# 118
Delta R.T. 0.006 min
Lab File: BM044065.D
Acq: 12 Feb 2024 20:08

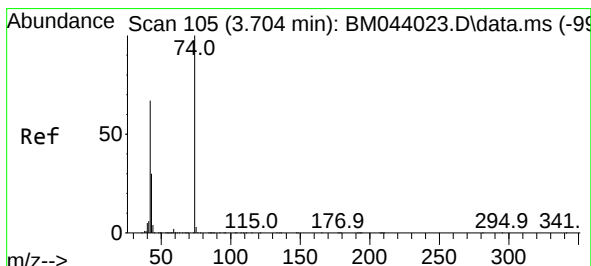
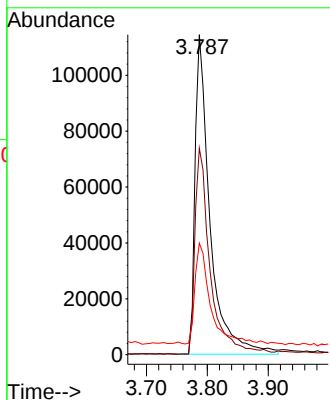
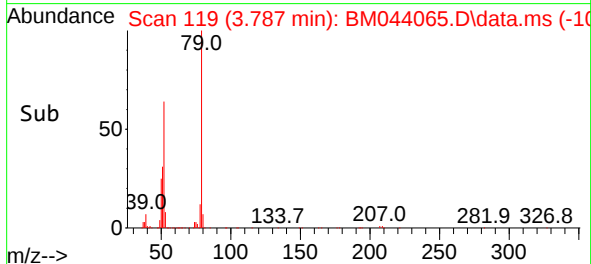
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2024



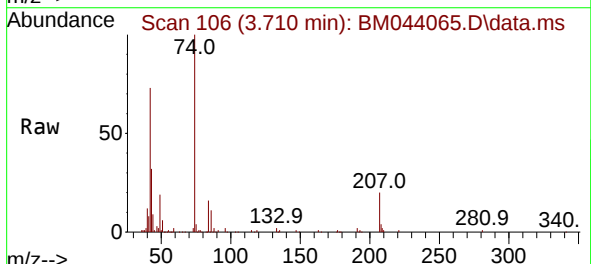
Tgt Ion: 79 Resp: 195289
Ion Ratio Lower Upper
79 100
52 64.6 52.2 78.2
51 34.9 26.2 39.4

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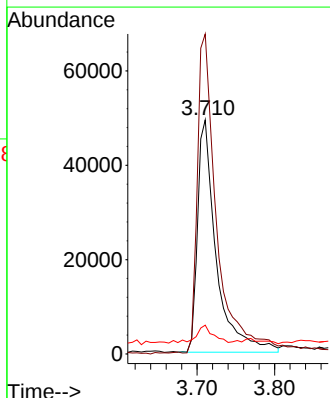
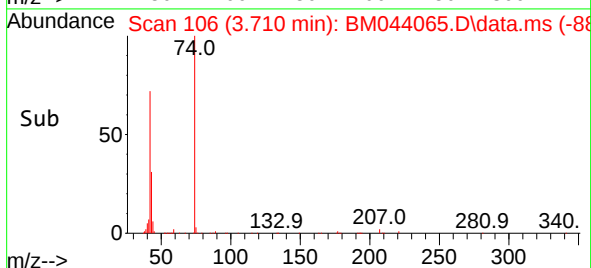
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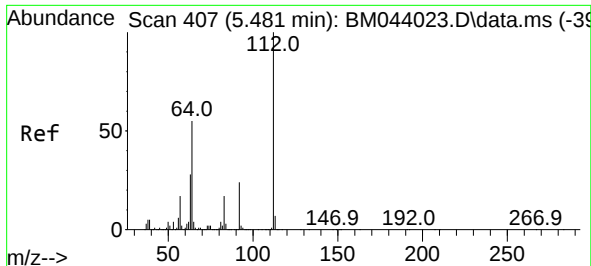


#4
n-Nitrosodimethylamine
Concen: 6.056 ng
RT: 3.710 min Scan# 106
Delta R.T. 0.006 min
Lab File: BM044065.D
Acq: 12 Feb 2024 20:08



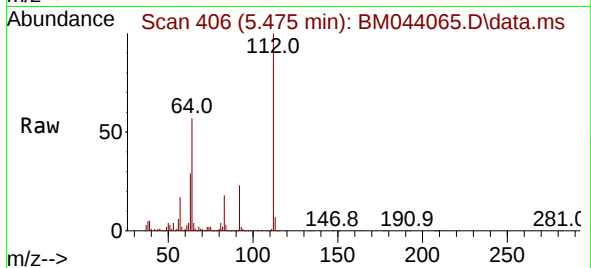
Tgt Ion: 42 Resp: 82653
Ion Ratio Lower Upper
42 100
74 136.7 118.6 178.0
44 12.3 5.6 8.4





#5
2-Fluorophenol
Concen: 82.720 ng
RT: 5.475 min Scan# 407
Delta R.T. -0.006 min
Lab File: BM044065.D
Acq: 12 Feb 2024 20:08

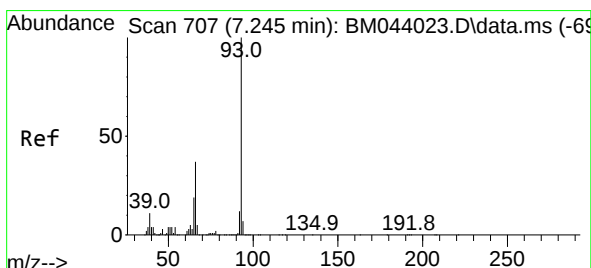
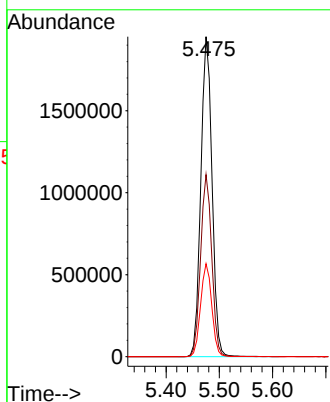
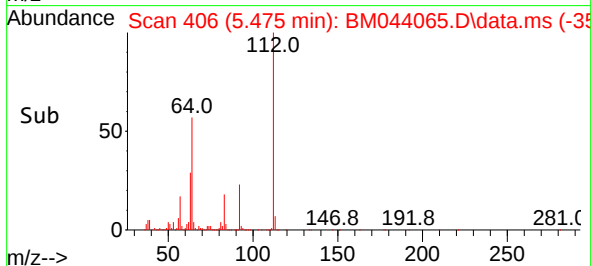
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion:112 Resp: 2839970
Ion Ratio Lower Upper
112 100
64 56.9 44.2 66.4
63 29.1 22.6 34.0

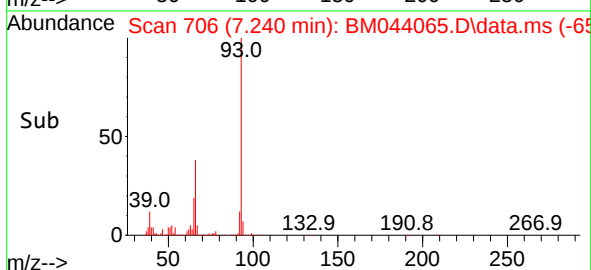
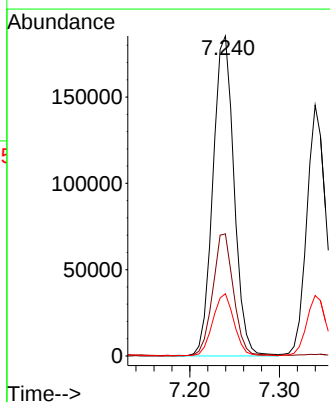
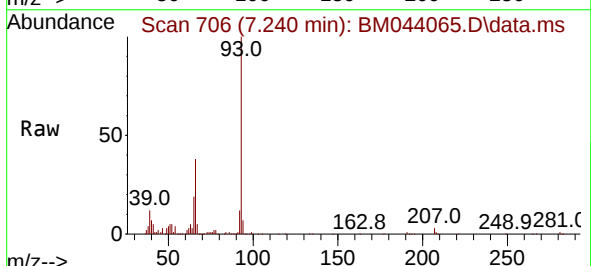
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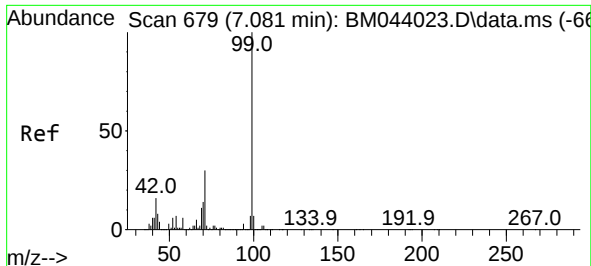
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#6
Aniline
Concen: 7.054 ng
RT: 7.240 min Scan# 706
Delta R.T. -0.006 min
Lab File: BM044065.D
Acq: 12 Feb 2024 20:08

Tgt Ion: 93 Resp: 302978
Ion Ratio Lower Upper
93 100
66 38.2 29.4 44.0
65 19.4 15.2 22.8





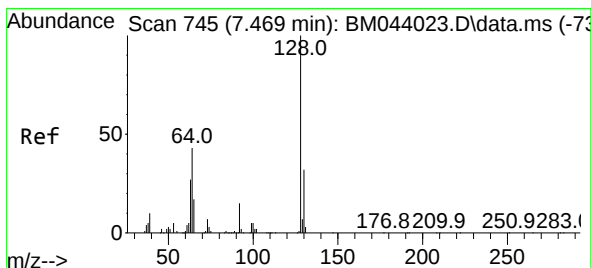
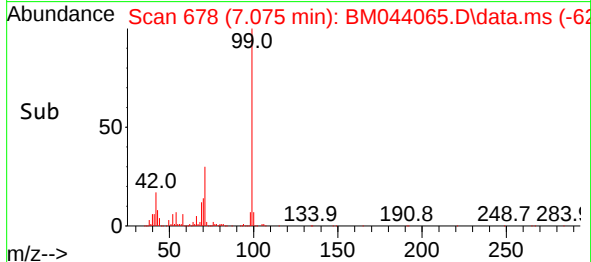
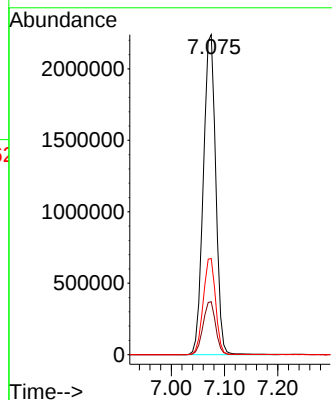
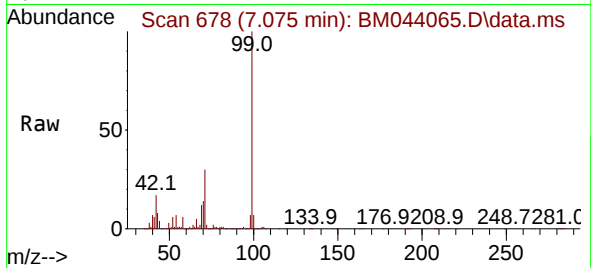
#7
Phenol-d6
Concen: 83.065 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM044065.D
Acq: 12 Feb 2024 20:08

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

Tgt Ion: 99 Resp: 362848
Ion Ratio Lower Upper
99 100
42 16.6 12.9 19.3
71 30.0 23.9 35.9

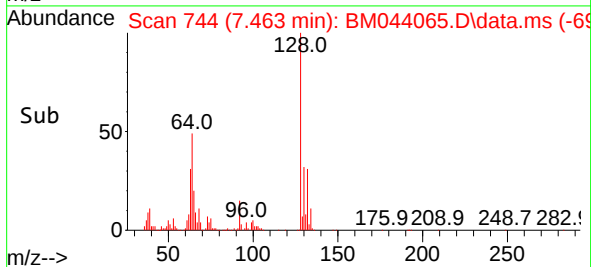
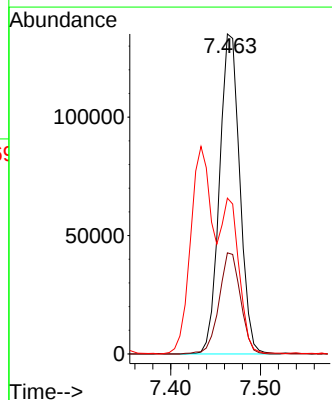
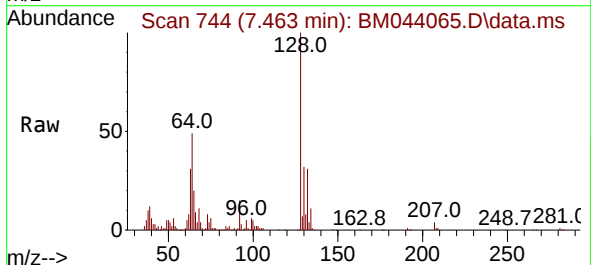
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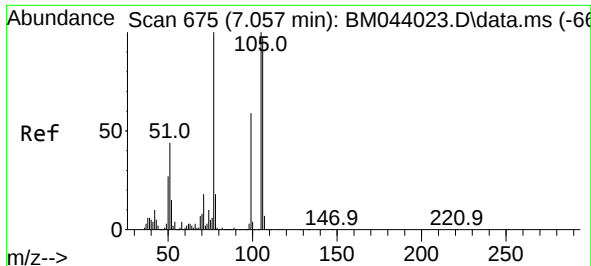
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#8
2-Chlorophenol
Concen: 5.913 ng
RT: 7.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BM044065.D
Acq: 12 Feb 2024 20:08

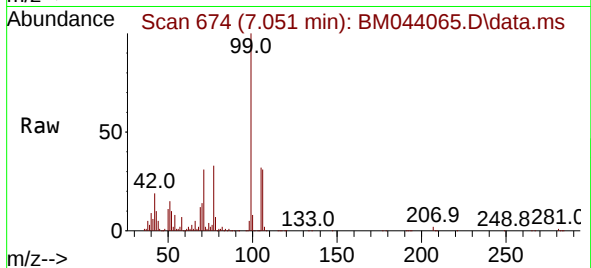
Tgt Ion:128 Resp: 211979
Ion Ratio Lower Upper
128 100
130 31.6 12.1 52.1
64 48.7 26.0 66.0





#9
Benzaldehyde
Concen: 8.467 ng m
RT: 7.051 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM044065.D
Acq: 12 Feb 2024 20:08

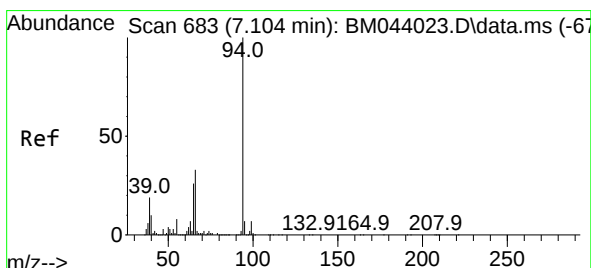
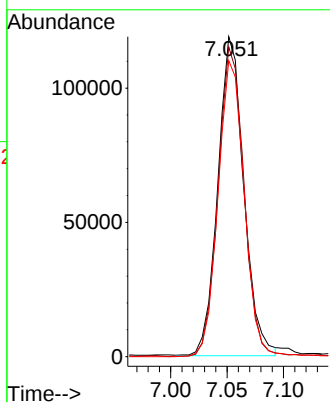
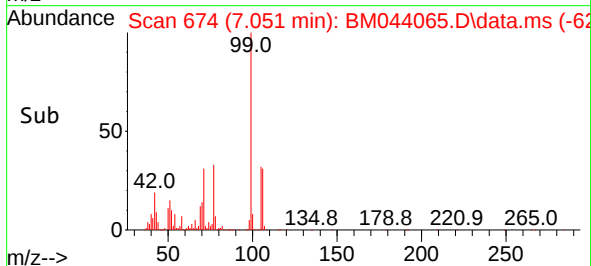
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion: 77 Resp: 19007
Ion Ratio Lower Upper
77 100
105 96.8 80.0 120.0
106 92.5 76.8 116.8

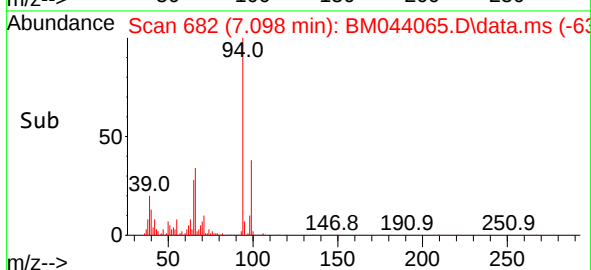
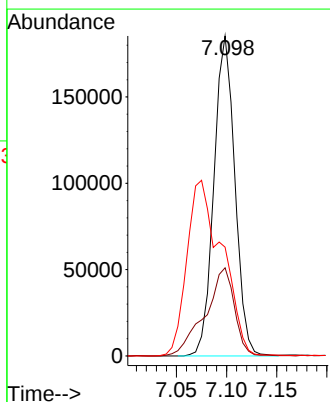
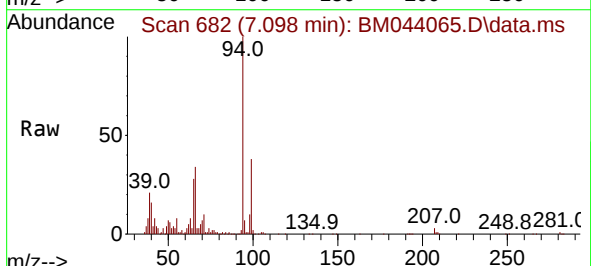
Manual Integrations
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Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#10
Phenol
Concen: 6.115 ng
RT: 7.098 min Scan# 682
Delta R.T. -0.006 min
Lab File: BM044065.D
Acq: 12 Feb 2024 20:08

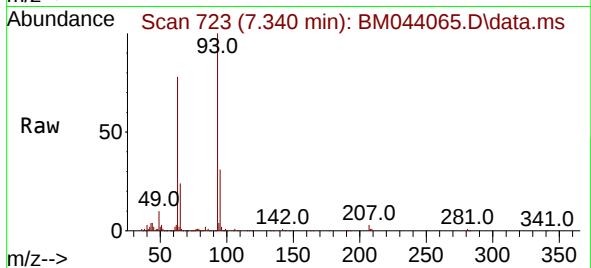
Tgt Ion: 94 Resp: 269578
Ion Ratio Lower Upper
94 100
65 27.5 6.4 46.4
66 34.0 13.2 53.2





#11
bis(2-Chloroethyl)ether
Concen: 5.940 ng
RT: 7.340 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM044065.D
Acq: 12 Feb 2024 20:08

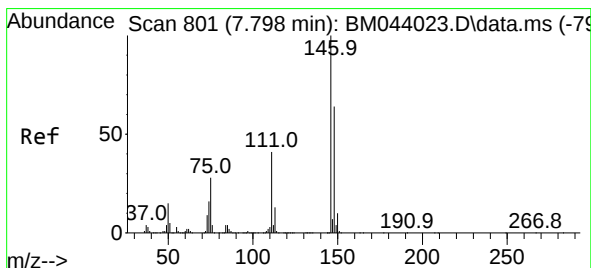
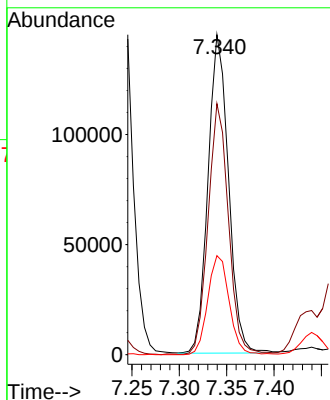
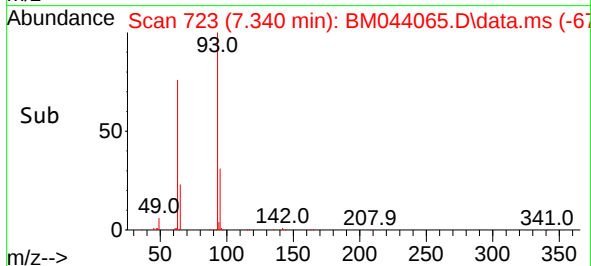
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion: 93 Resp: 21685
Ion Ratio Lower Upper
93 100
63 78.4 55.9 95.9
95 30.9 13.0 53.0

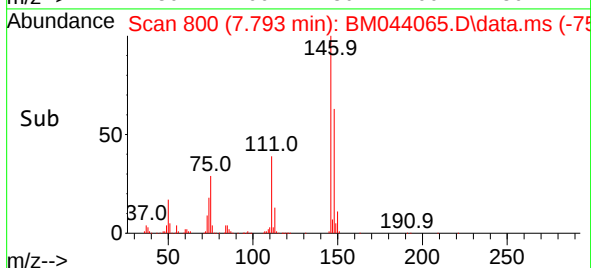
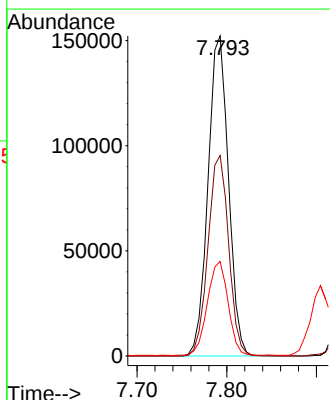
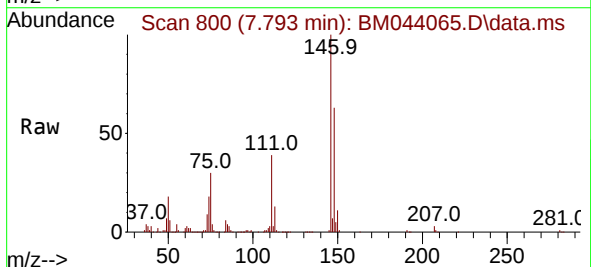
Manual Integrations
APPROVED

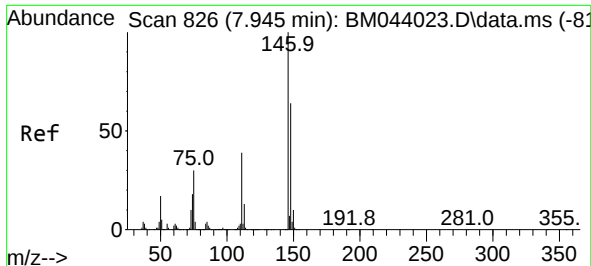
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#12
1,3-Dichlorobenzene
Concen: 5.916 ng
RT: 7.793 min Scan# 800
Delta R.T. -0.006 min
Lab File: BM044065.D
Acq: 12 Feb 2024 20:08

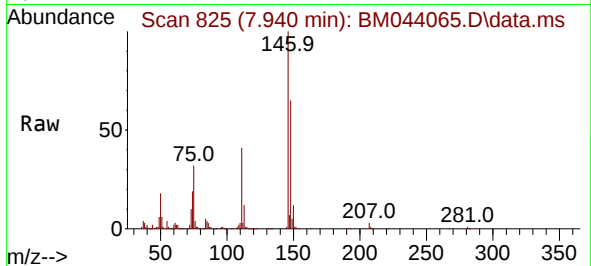
Tgt Ion:146 Resp: 240813
Ion Ratio Lower Upper
146 100
148 62.7 51.3 76.9
75 29.6 22.7 34.1





#13
1,4-Dichlorobenzene
Concen: 5.981 ng
RT: 7.940 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM044065.D
Acq: 12 Feb 2024 20:08

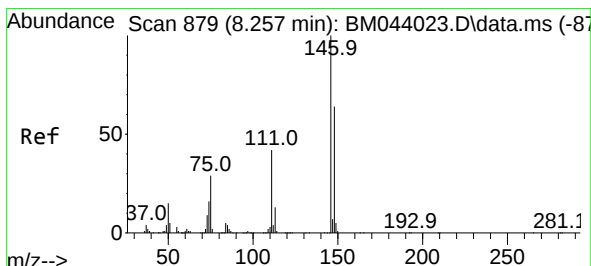
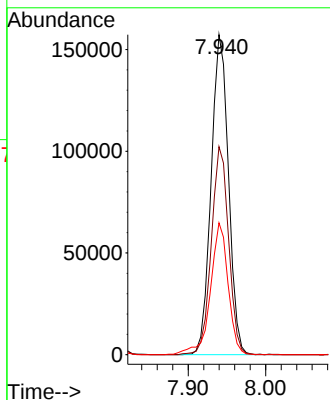
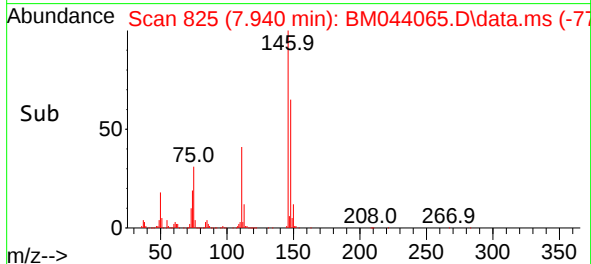
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2024



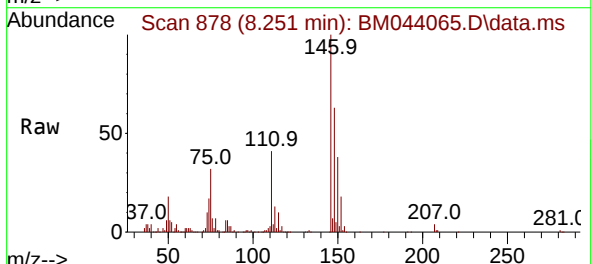
Tgt Ion:146 Resp: 245390
Ion Ratio Lower Upper
146 100
148 65.0 51.2 76.8
111 41.2 31.2 46.8

Manual Integrations
APPROVED

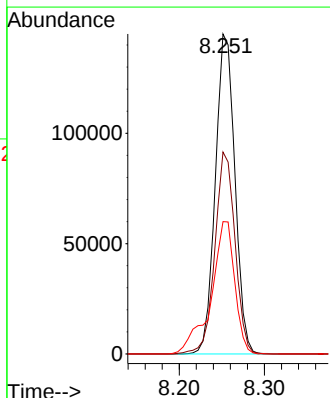
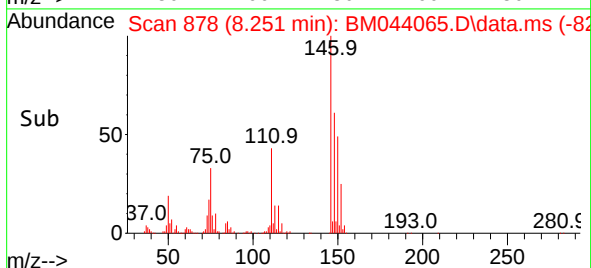
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024

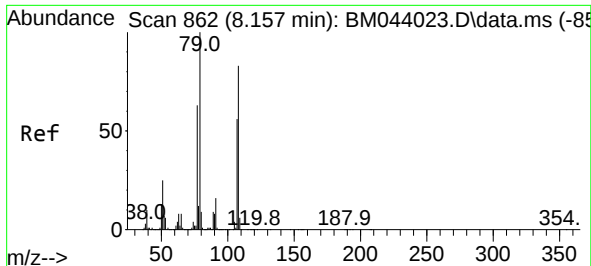


#14
1,2-Dichlorobenzene
Concen: 5.915 ng
RT: 8.251 min Scan# 878
Delta R.T. -0.006 min
Lab File: BM044065.D
Acq: 12 Feb 2024 20:08



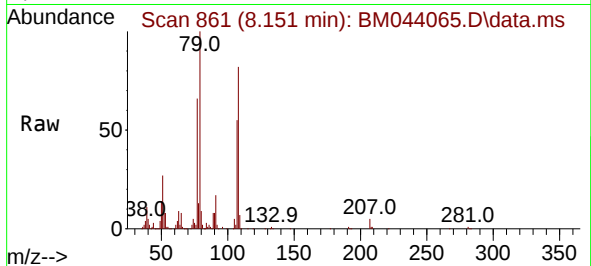
Tgt Ion:146 Resp: 231240
Ion Ratio Lower Upper
146 100
148 63.1 51.4 77.2
111 41.4 33.7 50.5





#15
Benzyl Alcohol
Concen: 5.975 ng
RT: 8.151 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM044065.D
Acq: 12 Feb 2024 20:08

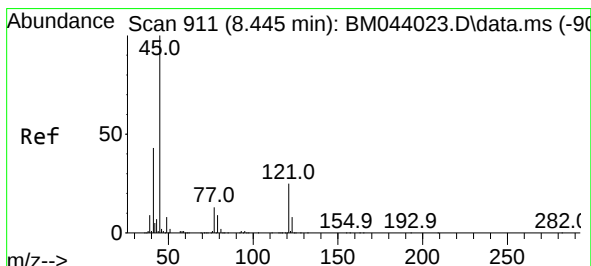
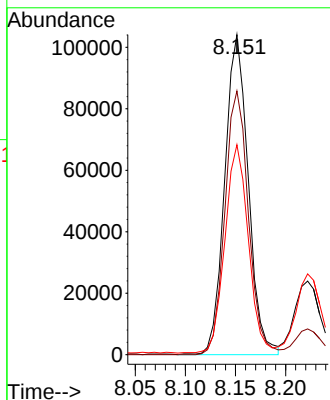
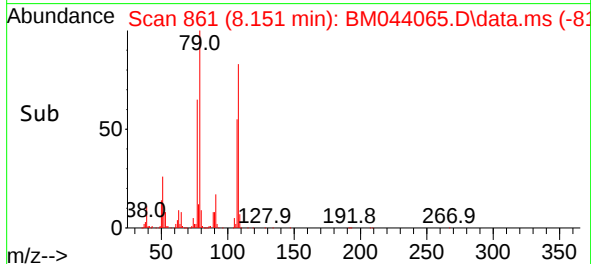
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion: 79 Resp: 16993
Ion Ratio Lower Upper
79 100
108 82.4 66.0 99.0
77 65.6 50.4 75.6

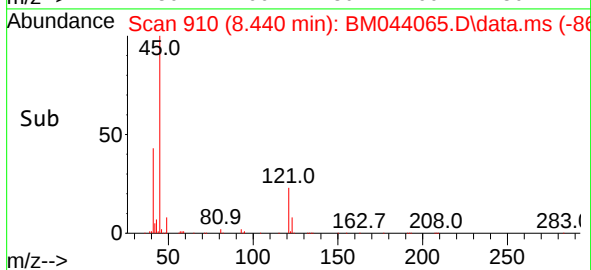
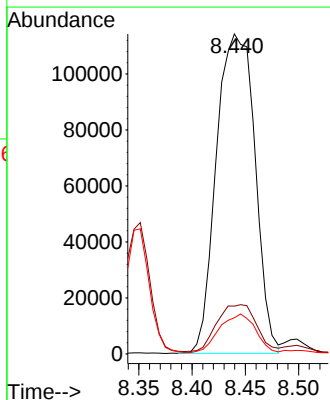
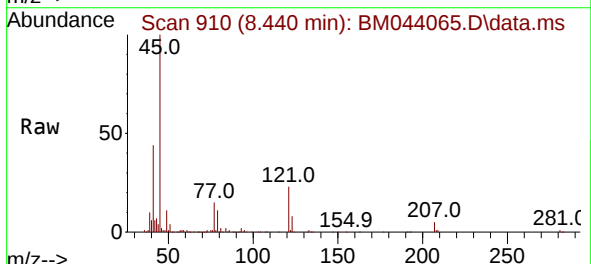
Manual Integrations
APPROVED

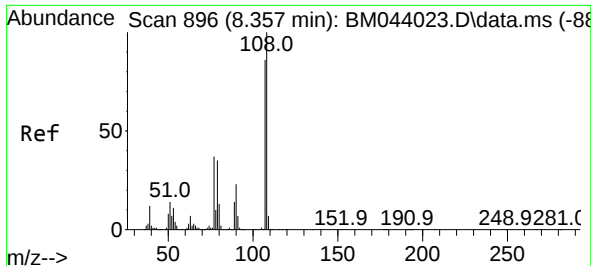
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 6.205 ng
RT: 8.440 min Scan# 910
Delta R.T. -0.006 min
Lab File: BM044065.D
Acq: 12 Feb 2024 20:08

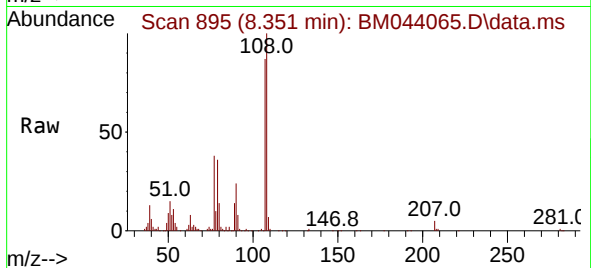
Tgt Ion: 45 Resp: 287167
Ion Ratio Lower Upper
45 100
77 14.9 0.0 35.1
79 11.3 0.0 31.5





#17
2-Methylphenol
Concen: 5.784 ng
RT: 8.351 min Scan# 896
Delta R.T. -0.006 min
Lab File: BM044065.D
Acq: 12 Feb 2024 20:08

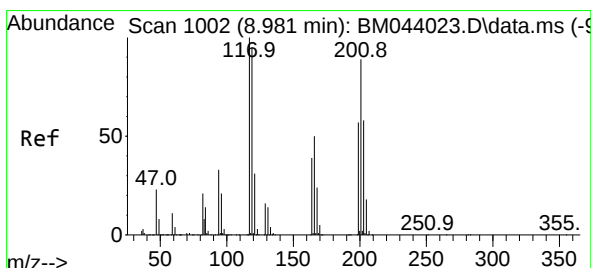
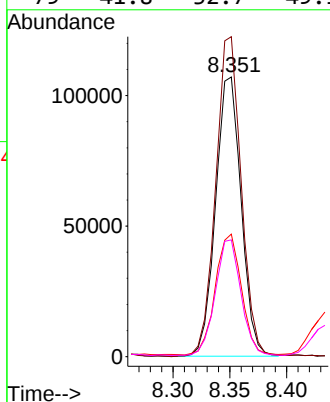
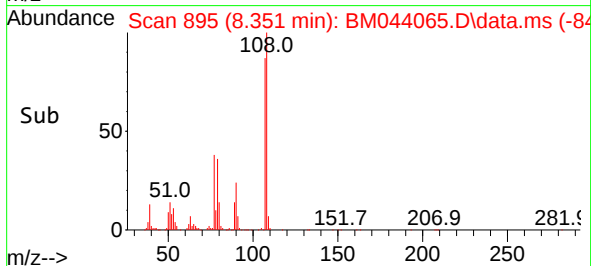
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion:107 Resp: 167370
Ion Ratio Lower Upper
107 100
108 114.4 93.4 140.2
77 43.8 34.7 52.1
79 41.8 32.7 49.1

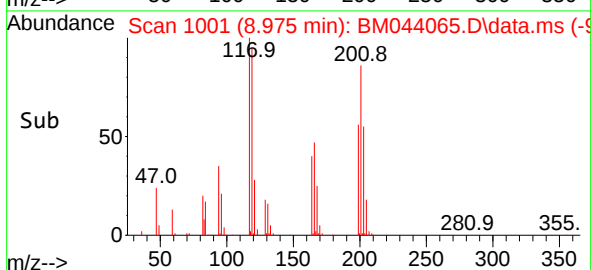
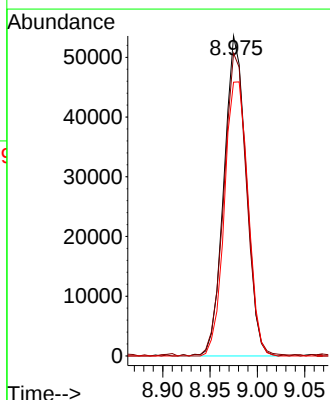
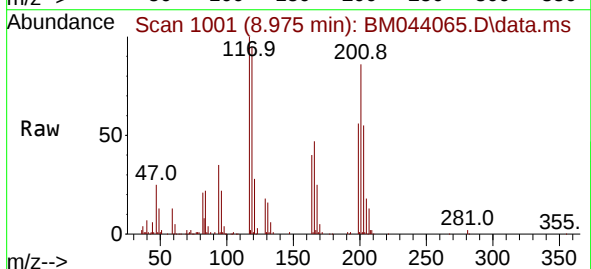
Manual Integrations
APPROVED

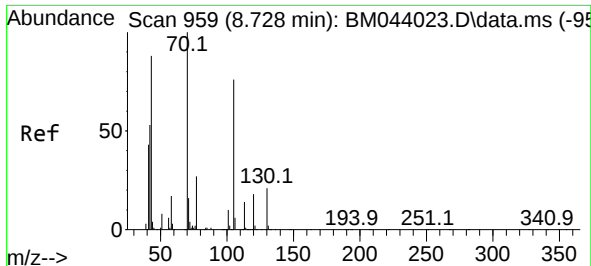
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#18
Hexachloroethane
Concen: 5.717 ng
RT: 8.975 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BM044065.D
Acq: 12 Feb 2024 20:08

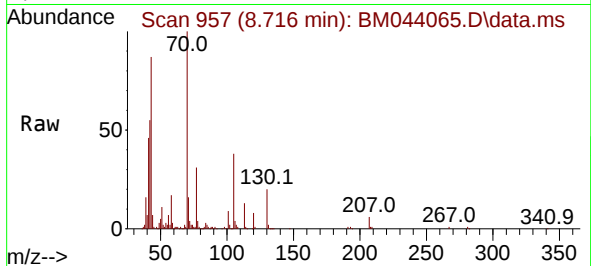
Tgt Ion:117 Resp: 87834
Ion Ratio Lower Upper
117 100
119 94.6 75.7 113.5
201 85.5 71.5 107.3





#19
n-Nitroso-di-n-propylamine
Concen: 6.079 ng
RT: 8.716 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM044065.D
Acq: 12 Feb 2024 20:08

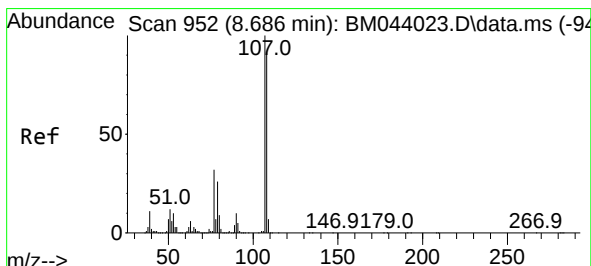
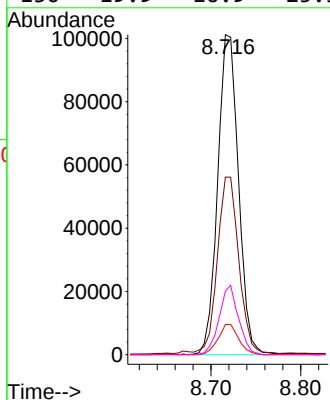
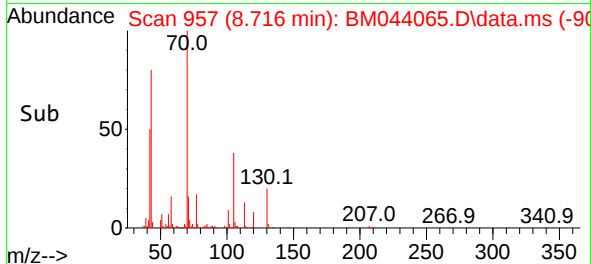
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion: 70 Resp: 163060
Ion Ratio Lower Upper
70 100
42 55.5 42.6 64.0
101 9.4 7.8 11.6
130 19.9 16.9 25.3

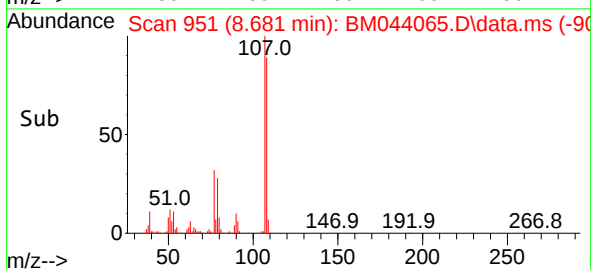
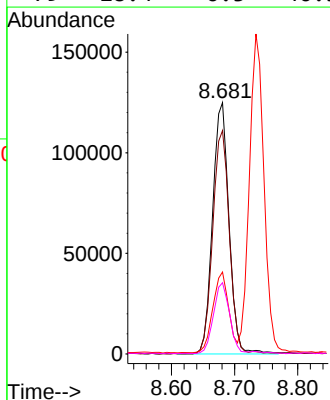
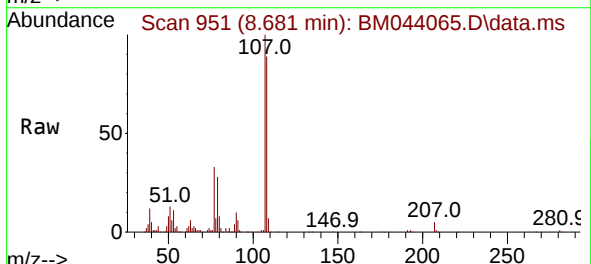
Manual Integrations
APPROVED

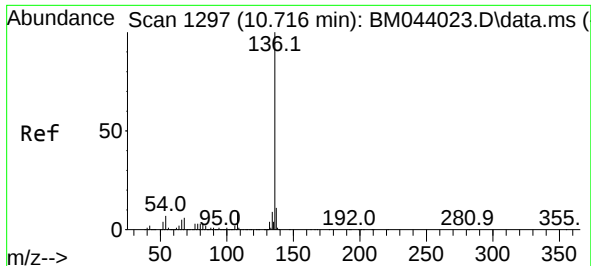
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#20
3+4-Methylphenols
Concen: 5.663 ng
RT: 8.681 min Scan# 951
Delta R.T. -0.006 min
Lab File: BM044065.D
Acq: 12 Feb 2024 20:08

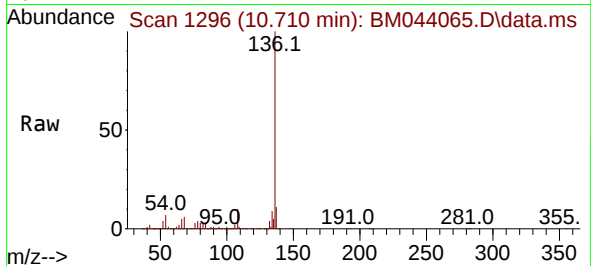
Tgt Ion:107 Resp: 225564
Ion Ratio Lower Upper
107 100
108 88.9 71.5 111.5
77 32.6 11.8 51.8
79 28.4 6.3 46.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM044065.D
Acq: 12 Feb 2024 20:08

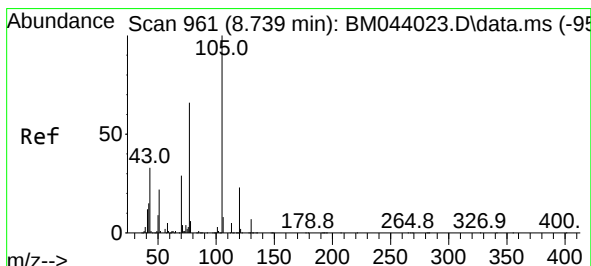
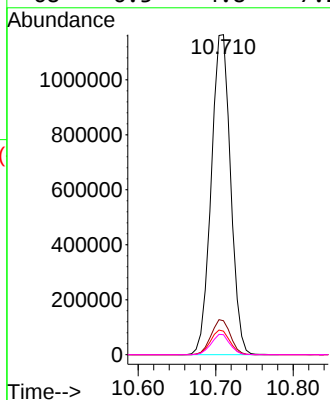
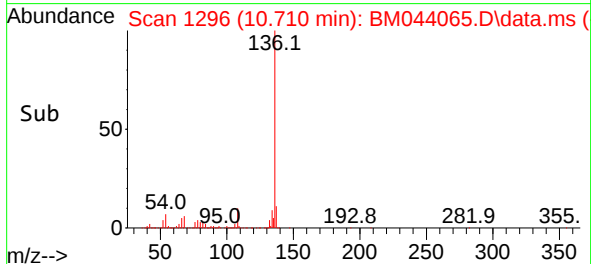
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion:136 Resp: 202044
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 7.3 5.9 8.9
68 6.3 4.8 7.2

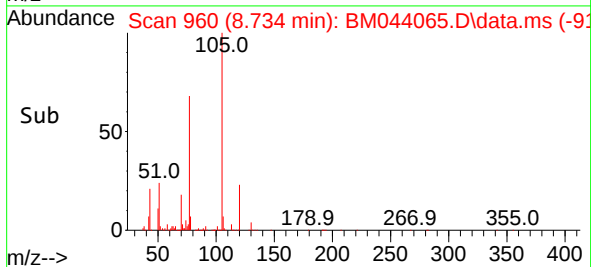
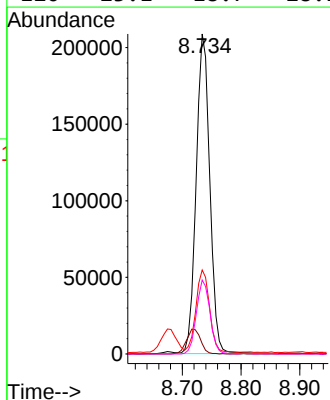
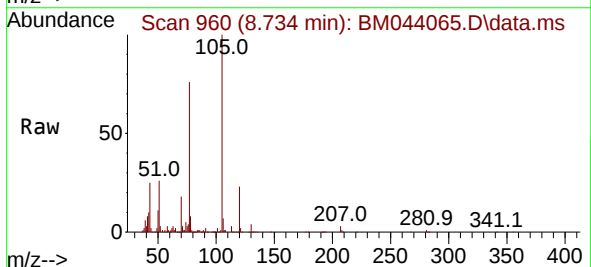
Manual Integrations
APPROVED

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



#22
Acetophenone
Concen: 6.538 ng
RT: 8.734 min Scan# 960
Delta R.T. -0.006 min
Lab File: BM044065.D
Acq: 12 Feb 2024 20:08

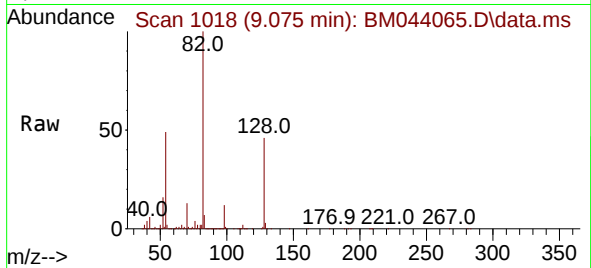
Tgt Ion:105 Resp: 335320
Ion Ratio Lower Upper
105 100
71 3.2 4.0 6.0#
51 26.2 20.1 30.1
120 23.1 18.7 28.1





#23
Nitrobenzene-d5
Concen: 62.372 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BM044065.D
Acq: 12 Feb 2024 20:08

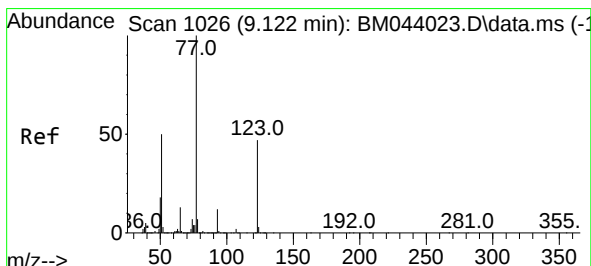
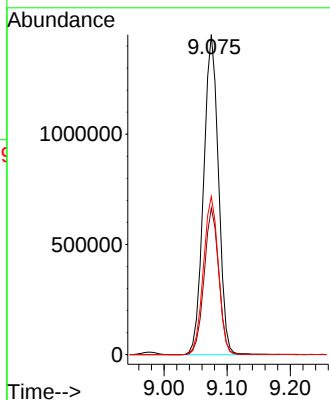
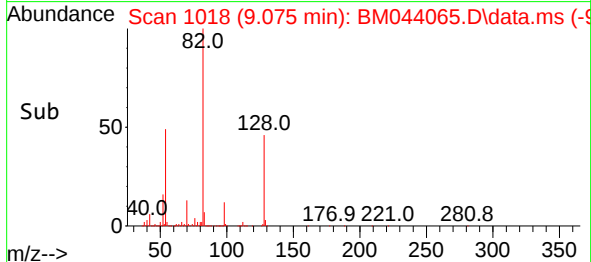
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion: 82 Resp: 237488
Ion Ratio Lower Upper
82 100
128 45.9 37.1 55.7
54 49.4 38.9 58.3

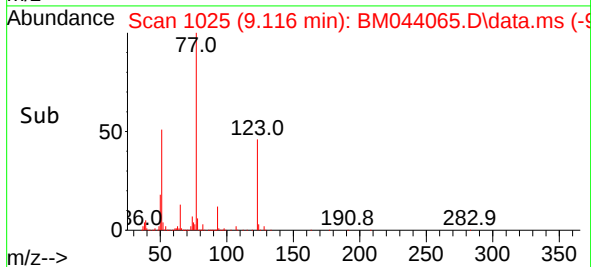
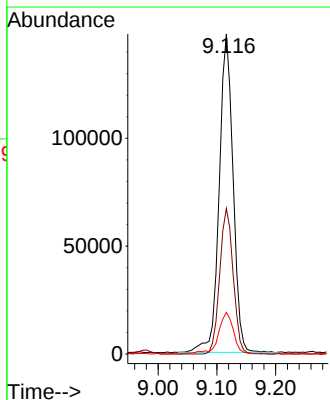
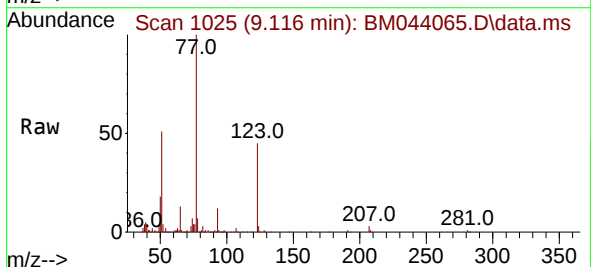
Manual Integrations
APPROVED

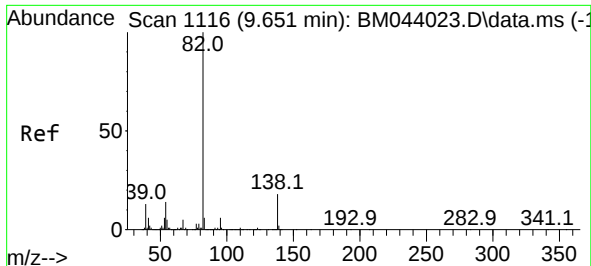
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#24
Nitrobenzene
Concen: 6.216 ng
RT: 9.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BM044065.D
Acq: 12 Feb 2024 20:08

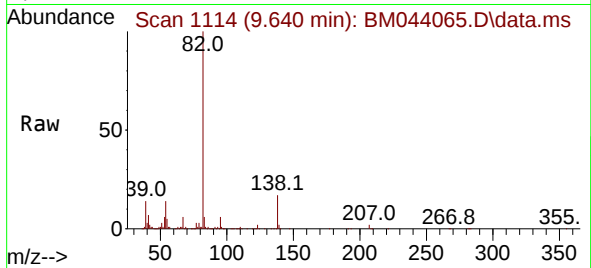
Tgt Ion: 77 Resp: 242386
Ion Ratio Lower Upper
77 100
123 45.4 37.8 56.8
65 13.0 10.5 15.7





#25
Isophorone
Concen: 5.848 ng
RT: 9.640 min Scan# 1114
Delta R.T. -0.012 min
Lab File: BM044065.D
Acq: 12 Feb 2024 20:08

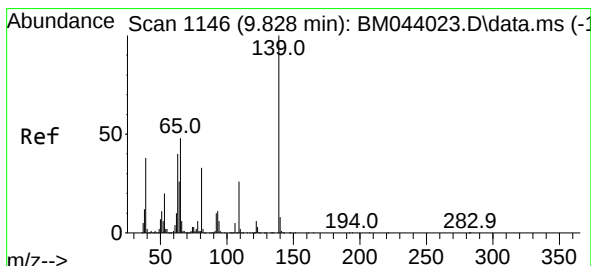
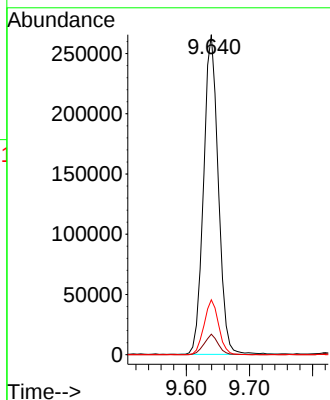
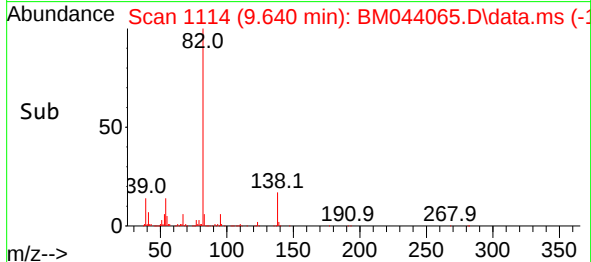
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT1-2024



Tgt Ion: 82 Resp: 42879
Ion Ratio Lower Upper
82 100
95 6.4 5.2 7.8
138 17.1 14.3 21.5

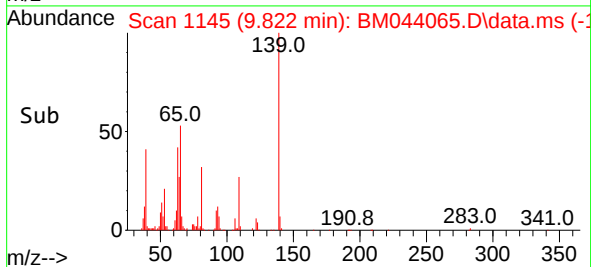
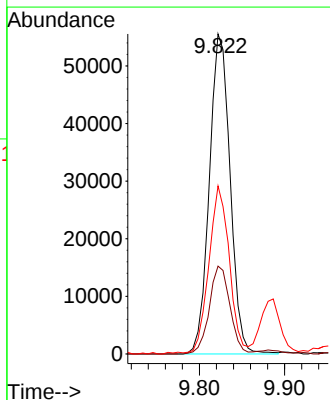
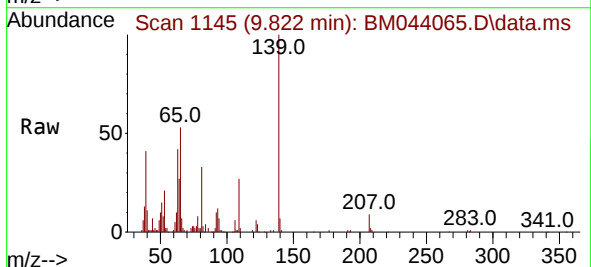
Manual Integrations
APPROVED

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



#26
2-Nitrophenol
Concen: 5.202 ng
RT: 9.822 min Scan# 1145
Delta R.T. -0.006 min
Lab File: BM044065.D
Acq: 12 Feb 2024 20:08

Tgt Ion:139 Resp: 94037
Ion Ratio Lower Upper
139 100
109 27.5 21.2 31.8
65 52.5 38.5 57.7





#27

2,4-Dimethylphenol

Concen: 6.842 ng

RT: 9.887 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BM044065.D

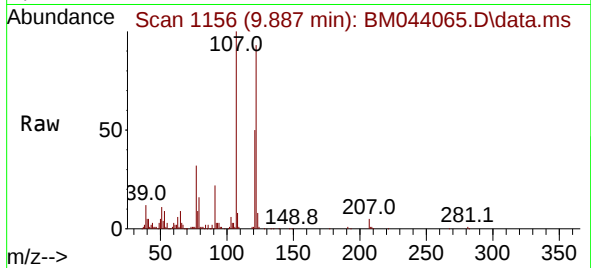
Acq: 12 Feb 2024 20:08

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2024



Tgt Ion:122 Resp: 158149

Ion Ratio Lower Upper

122 100

107 107.5 87.8 131.8

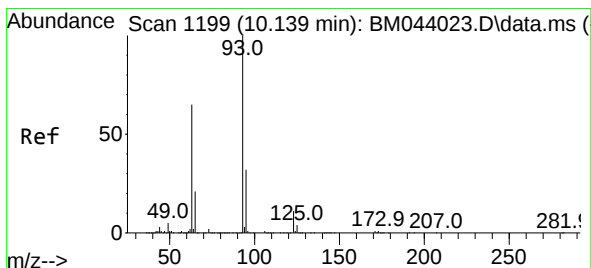
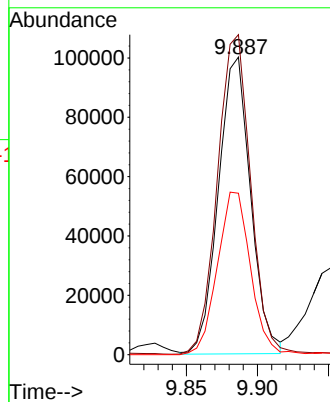
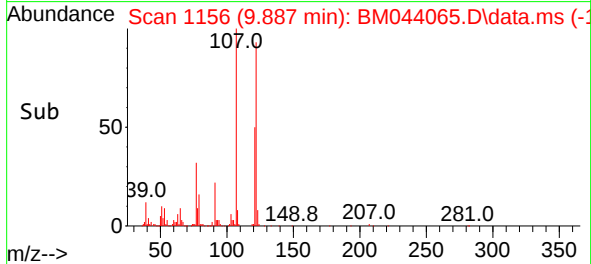
121 54.3 44.7 67.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/14/2024

Supervised By :mohammad ahmed 02/14/2024



#28

bis(2-Chloroethoxy)methane

Concen: 6.024 ng

RT: 10.134 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BM044065.D

Acq: 12 Feb 2024 20:08

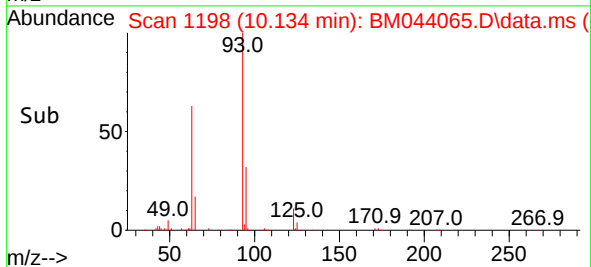
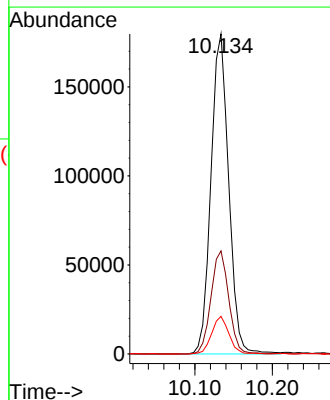
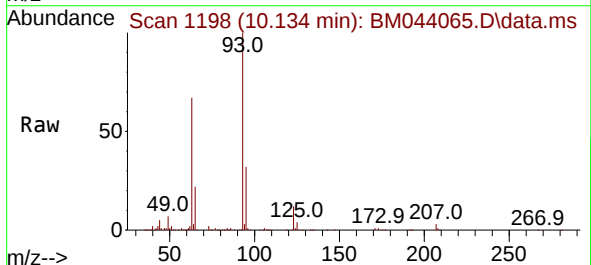
Tgt Ion: 93 Resp: 285650

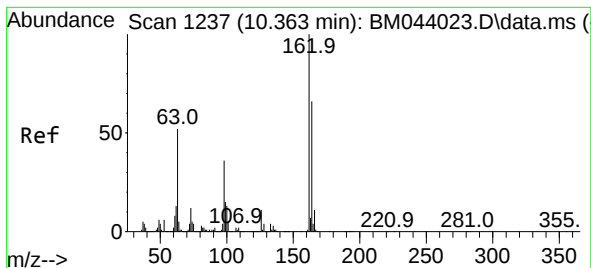
Ion Ratio Lower Upper

93 100

95 32.2 26.0 39.0

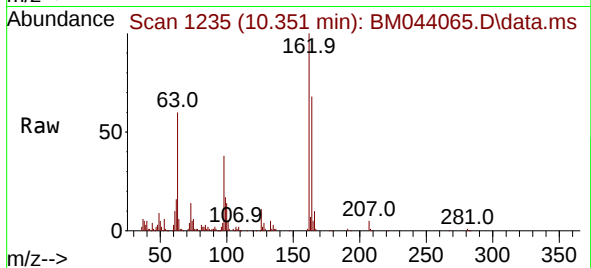
123 11.7 9.2 13.8





#29
2,4-Dichlorophenol
Concen: 5.531 ng
RT: 10.351 min Scan# 1235
Delta R.T. -0.012 min
Lab File: BM044065.D
Acq: 12 Feb 2024 20:08

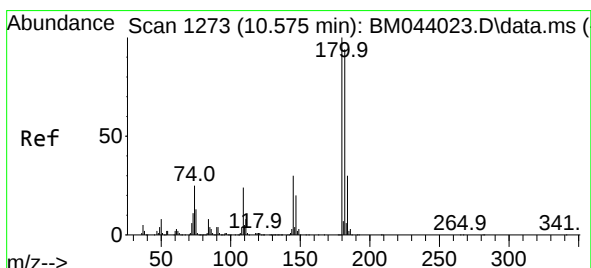
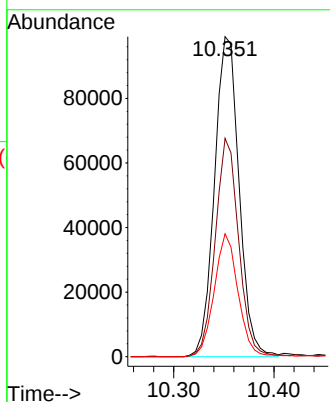
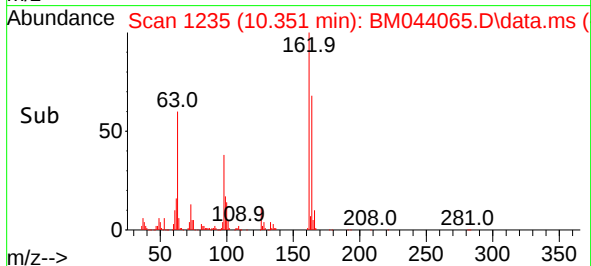
Instrument : BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2024



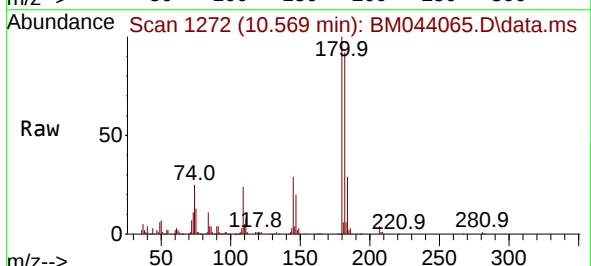
Tgt Ion:162 Resp: 168338
Ion Ratio Lower Upper
162 100
164 68.2 46.1 86.1
98 38.4 15.9 55.9

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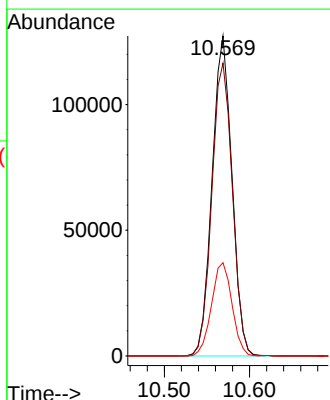
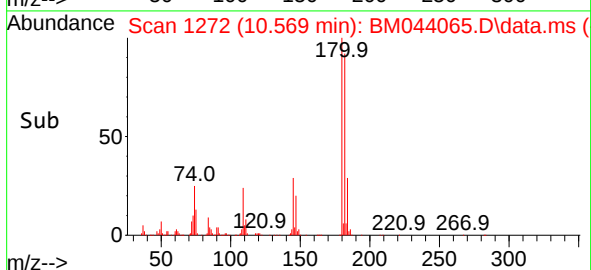
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024

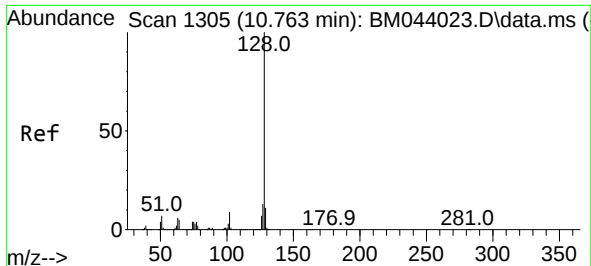


#30
1,2,4-Trichlorobenzene
Concen: 6.019 ng
RT: 10.569 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BM044065.D
Acq: 12 Feb 2024 20:08



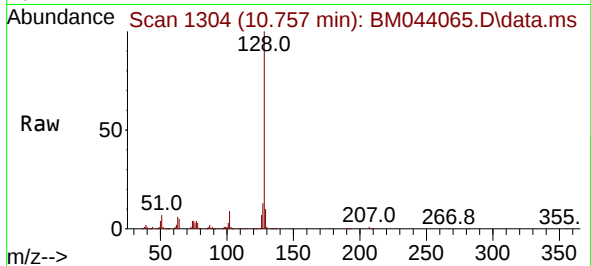
Tgt Ion:180 Resp: 205987
Ion Ratio Lower Upper
180 100
182 91.5 75.2 112.8
145 29.2 24.3 36.5





#31
Naphthalene
Concen: 6.094 ng
RT: 10.757 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BM044065.D
Acq: 12 Feb 2024 20:08

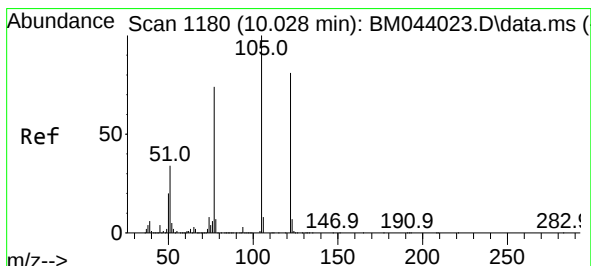
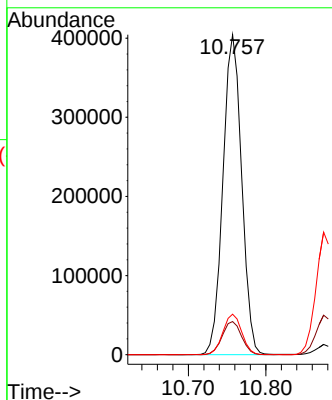
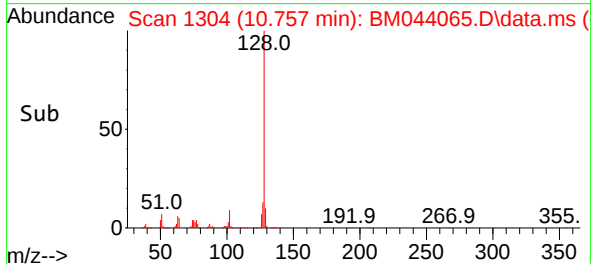
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2024



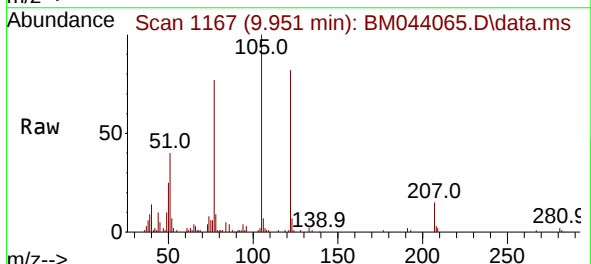
Tgt Ion:128 Resp: 679572
Ion Ratio Lower Upper
128 100
129 10.4 9.0 13.4
127 12.7 10.3 15.5

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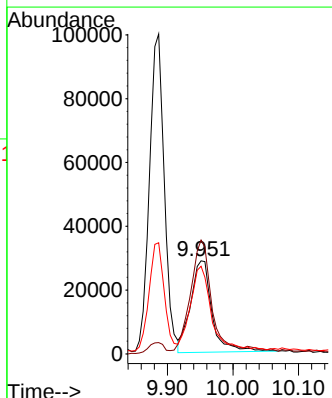
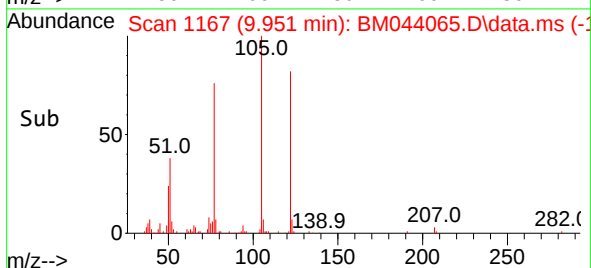
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024

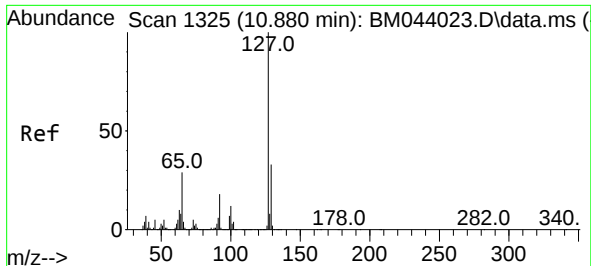


#32
Benzoic acid
Concen: 2.814 ng
RT: 9.951 min Scan# 1167
Delta R.T. -0.077 min
Lab File: BM044065.D
Acq: 12 Feb 2024 20:08



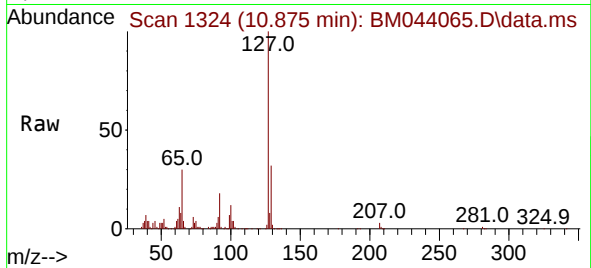
Tgt Ion:122 Resp: 65533
Ion Ratio Lower Upper
122 100
105 122.3 100.1 140.1
77 94.1 69.6 109.6





#33
4-Chloroaniline
Concen: 6.291 ng
RT: 10.875 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BM044065.D
Acq: 12 Feb 2024 20:08

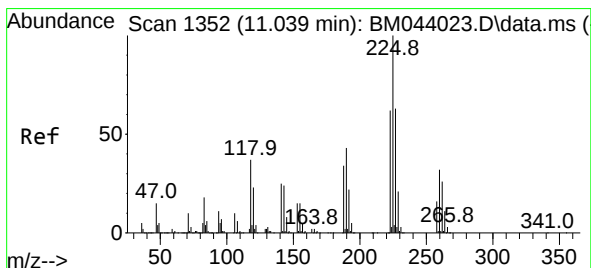
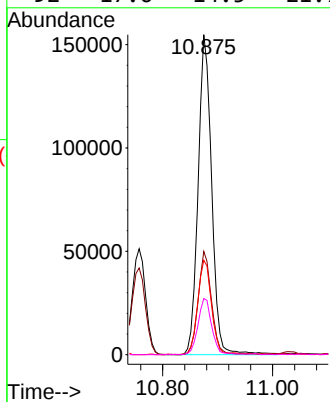
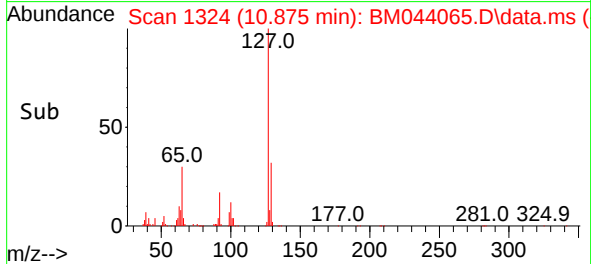
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion:127 Resp: 265620
Ion Ratio Lower Upper
127 100
129 32.2 26.0 39.0
65 29.5 23.0 34.6
92 17.6 14.5 21.7

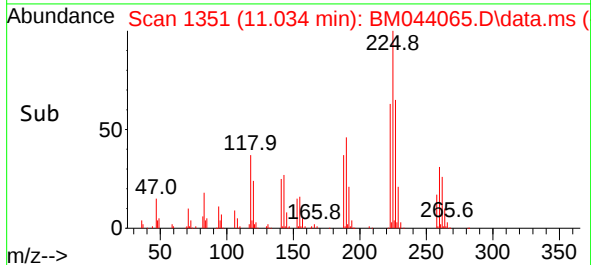
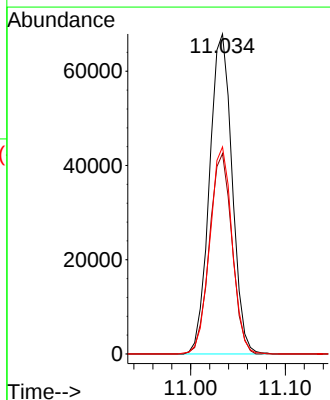
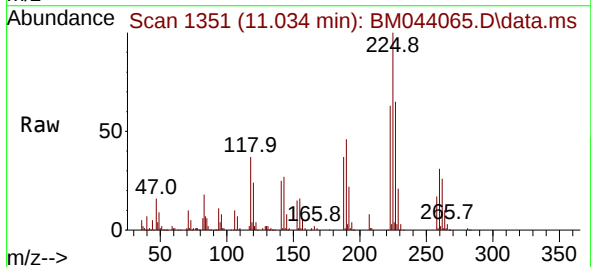
Manual Integrations
APPROVED

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



#34
Hexachlorobutadiene
Concen: 5.752 ng
RT: 11.034 min Scan# 1351
Delta R.T. -0.006 min
Lab File: BM044065.D
Acq: 12 Feb 2024 20:08

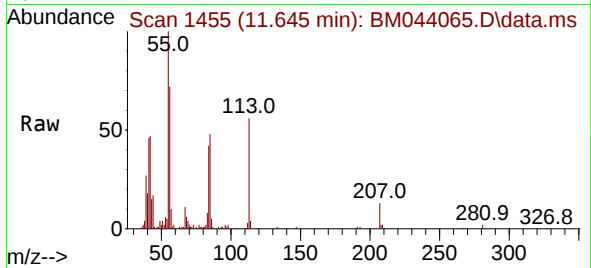
Tgt Ion:225 Resp: 112671
Ion Ratio Lower Upper
225 100
223 62.6 49.9 74.9
227 64.7 50.6 76.0





#35
Caprolactam
Concen: 4.986 ng
RT: 11.645 min Scan# 1455
Delta R.T. -0.029 min
Lab File: BM044065.D
Acq: 12 Feb 2024 20:08

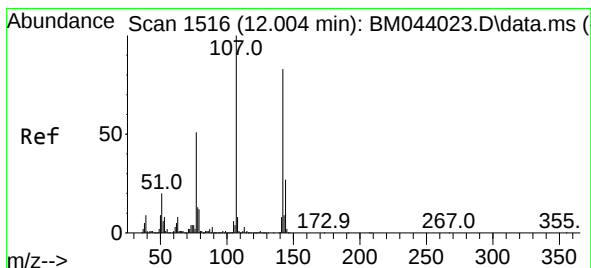
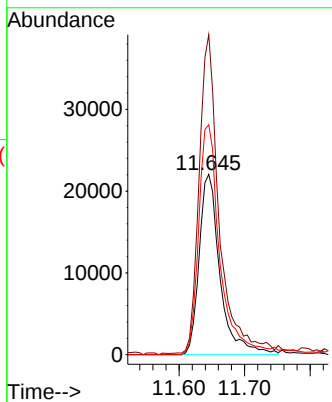
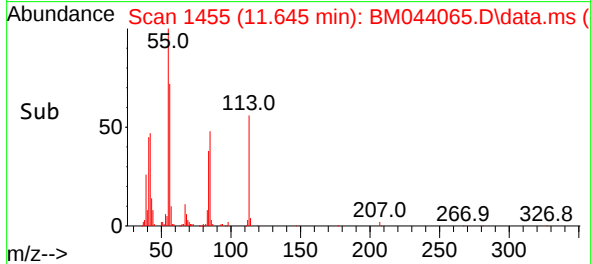
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion:113 Resp: 4883
Ion Ratio Lower Upper
113 100
55 177.5 145.6 185.6
56 127.6 103.3 143.3

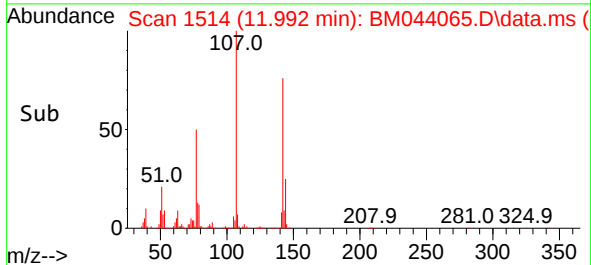
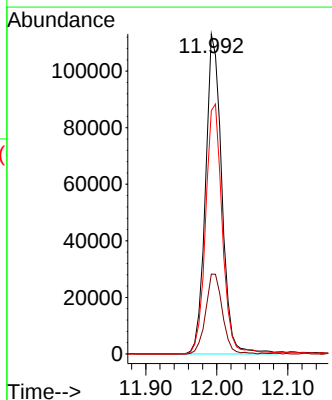
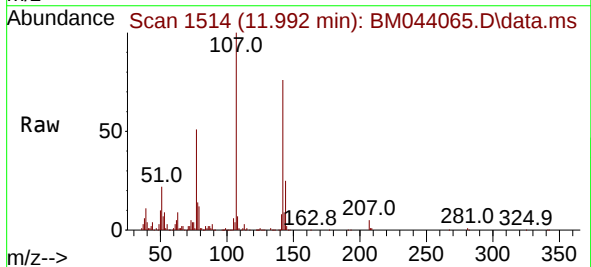
Manual Integrations
APPROVED

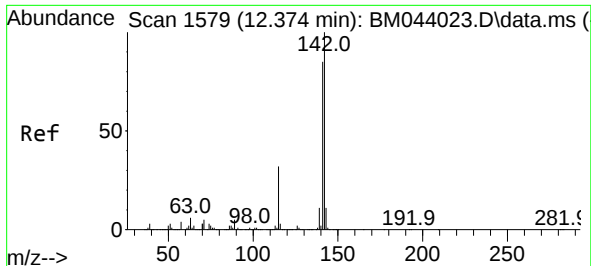
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#36
4-Chloro-3-methylphenol
Concen: 5.480 ng
RT: 11.992 min Scan# 1514
Delta R.T. -0.012 min
Lab File: BM044065.D
Acq: 12 Feb 2024 20:08

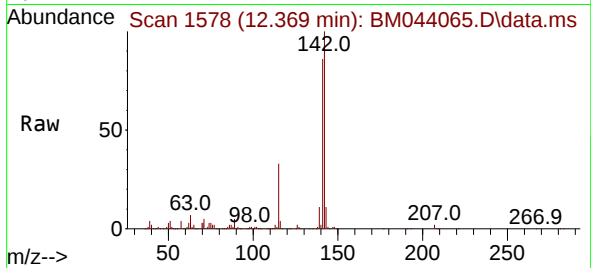
Tgt Ion:107 Resp: 180576
Ion Ratio Lower Upper
107 100
144 25.0 21.3 31.9
142 76.1 66.2 99.4





#37
2-Methylnaphthalene
Concen: 5.897 ng
RT: 12.369 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BM044065.D
Acq: 12 Feb 2024 20:08

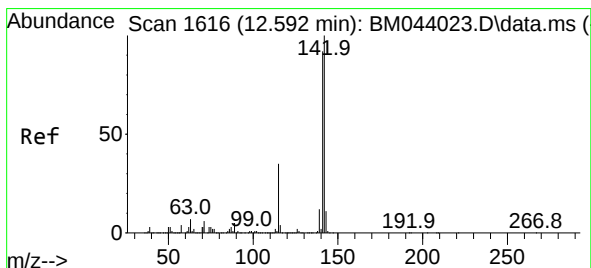
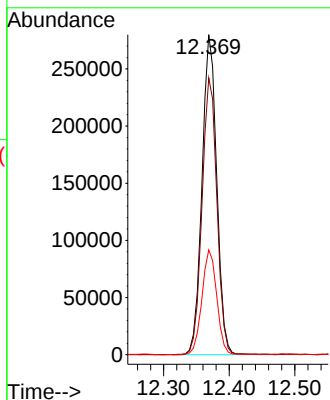
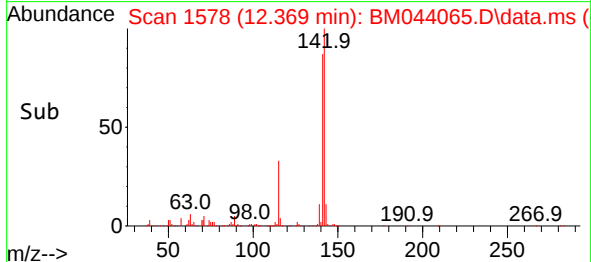
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT1-2024



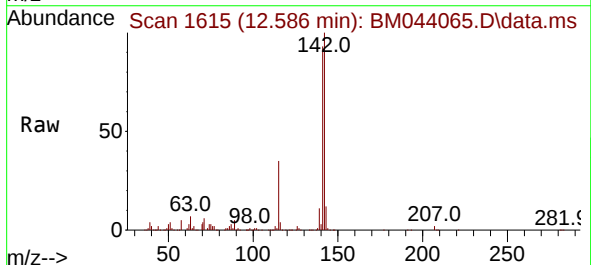
Tgt Ion:142 Resp: 438008
Ion Ratio Lower Upper
142 100
141 86.5 68.3 102.5
115 32.8 25.7 38.5

Manual Integrations
APPROVED

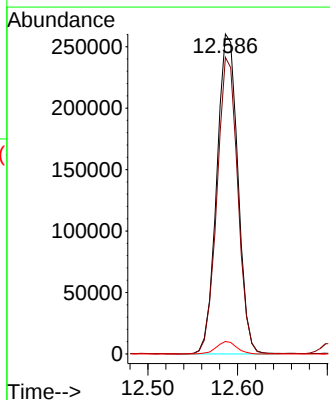
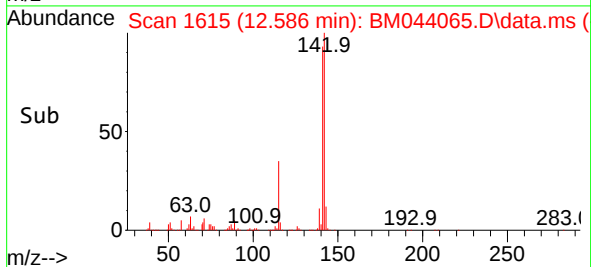
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024

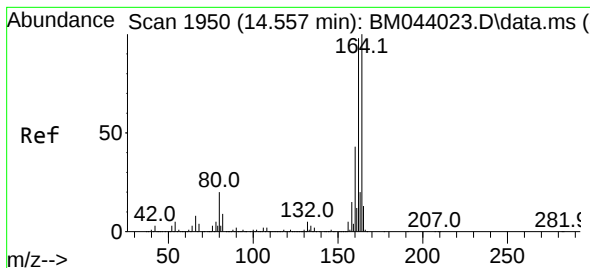


#38
1-Methylnaphthalene
Concen: 5.809 ng
RT: 12.586 min Scan# 1615
Delta R.T. -0.006 min
Lab File: BM044065.D
Acq: 12 Feb 2024 20:08



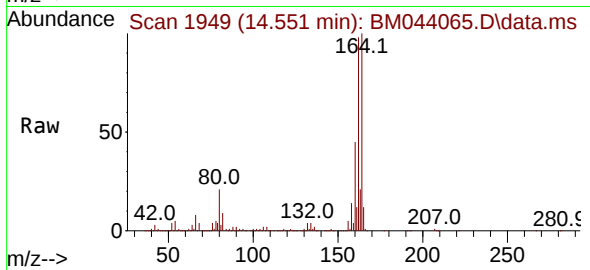
Tgt Ion:142 Resp: 423956
Ion Ratio Lower Upper
142 100
141 92.7 73.4 110.0
116 3.9 3.0 4.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.551 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BM044065.D
Acq: 12 Feb 2024 20:08

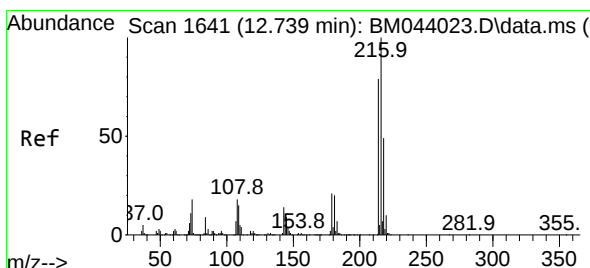
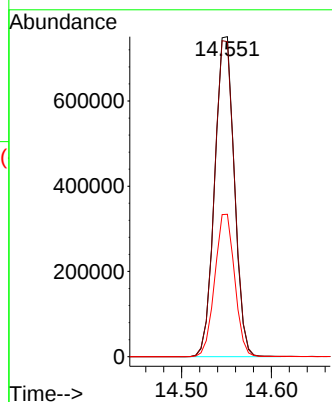
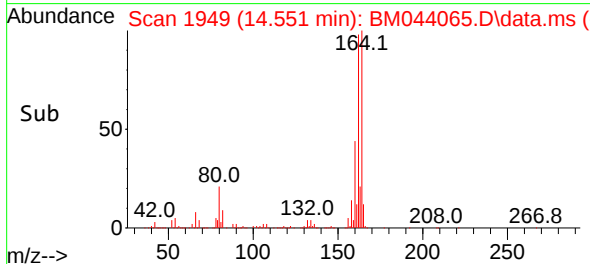
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion:164 Resp: 1141728
Ion Ratio Lower Upper
164 100
162 98.4 78.4 117.6
160 44.5 34.6 51.8

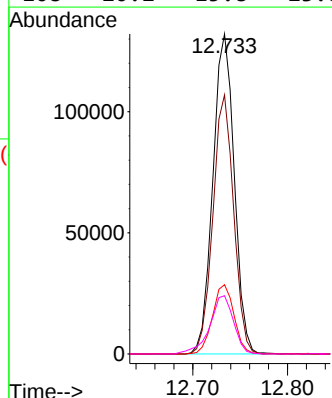
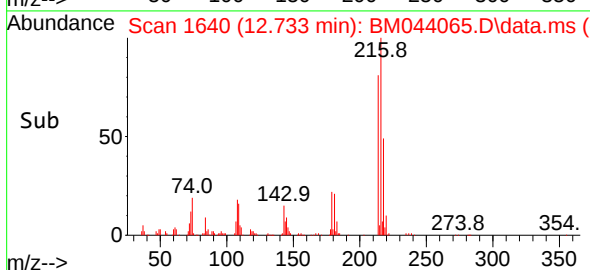
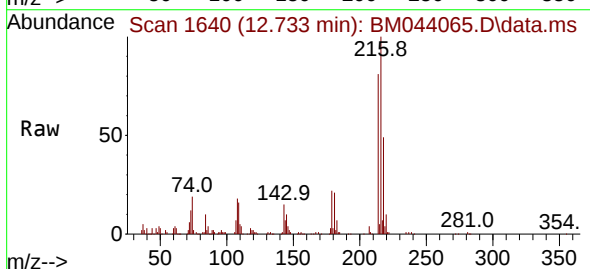
Manual Integrations
APPROVED

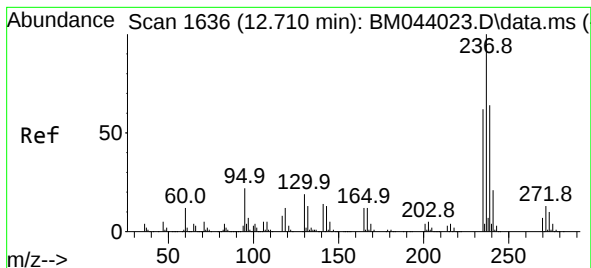
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 6.229 ng
RT: 12.733 min Scan# 1640
Delta R.T. -0.006 min
Lab File: BM044065.D
Acq: 12 Feb 2024 20:08

Tgt Ion:216 Resp: 206718
Ion Ratio Lower Upper
216 100
214 78.5 63.1 94.7
179 21.8 17.0 25.6
108 20.2 15.8 23.8





#41

Hexachlorocyclopentadiene

Concen: 6.874 ng

RT: 12.704 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM044065.D

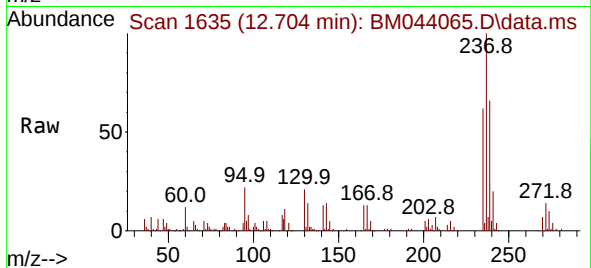
Acq: 12 Feb 2024 20:08

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2024



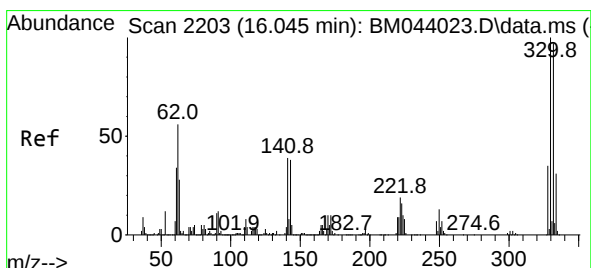
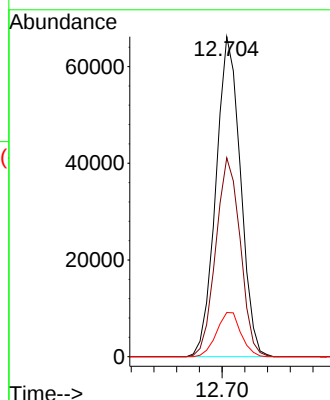
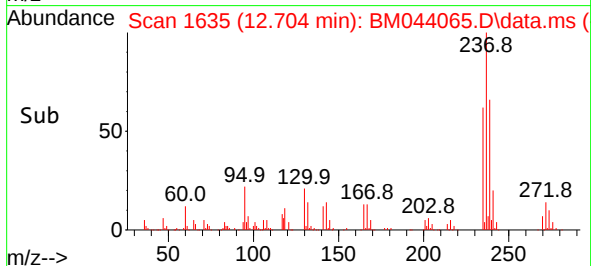
Tgt Ion:	237	Resp:	9955
Ion Ratio	Lower	Upper	
237	100		
235	62.1	42.4	82.4
272	13.8	0.0	33.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/14/2024

Supervised By :mohammad ahmed 02/14/2024



#42

2,4,6-Tribromophenol

Concen: 83.167 ng

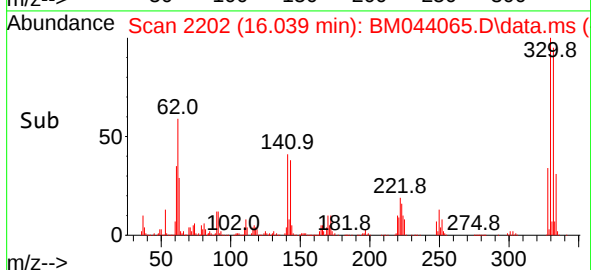
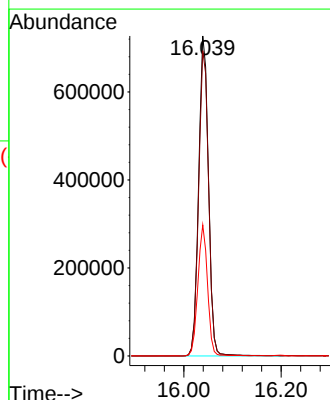
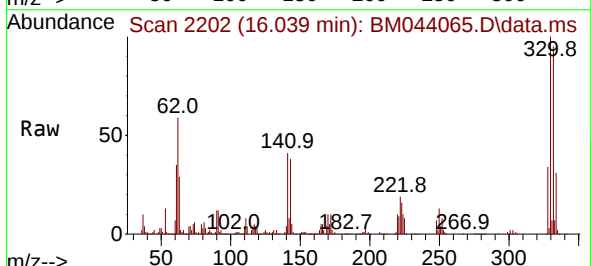
RT: 16.039 min Scan# 2202

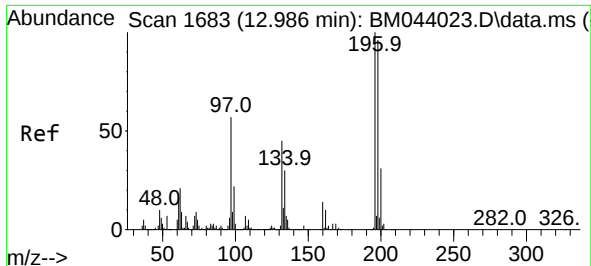
Delta R.T. -0.006 min

Lab File: BM044065.D

Acq: 12 Feb 2024 20:08

Tgt Ion:	330	Resp:	1028089
Ion Ratio	Lower	Upper	
330	100		
332	96.1	77.7	116.5
141	40.2	31.0	46.4





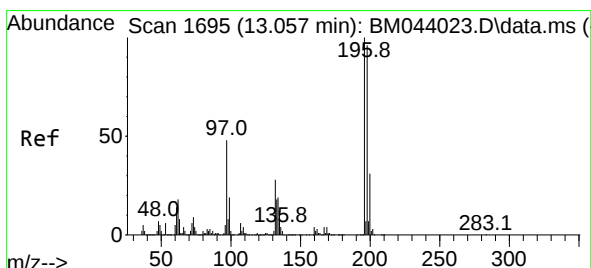
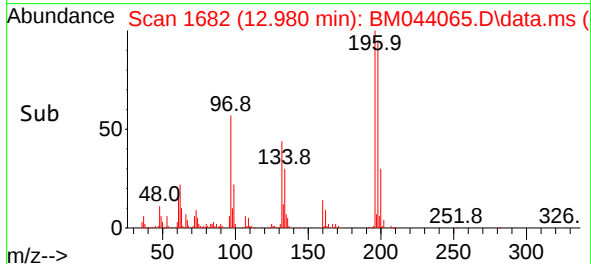
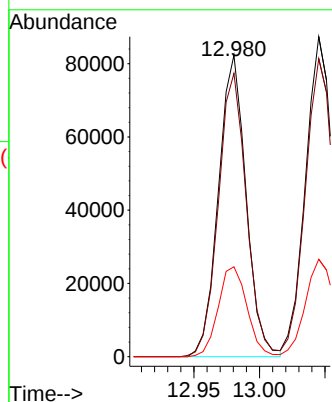
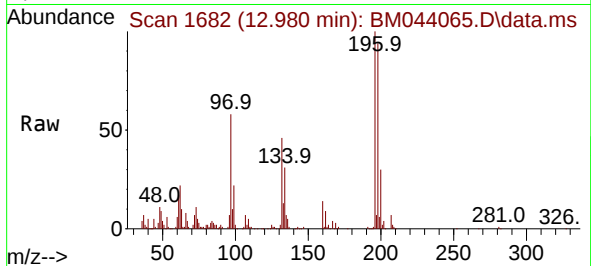
#43
2,4,6-Trichlorophenol
Concen: 5.338 ng
RT: 12.980 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM044065.D
Acq: 12 Feb 2024 20:08

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

Tgt Ion:196 Resp: 120564
Ion Ratio Lower Upper
196 100
198 93.9 76.8 115.2
200 29.8 24.6 37.0

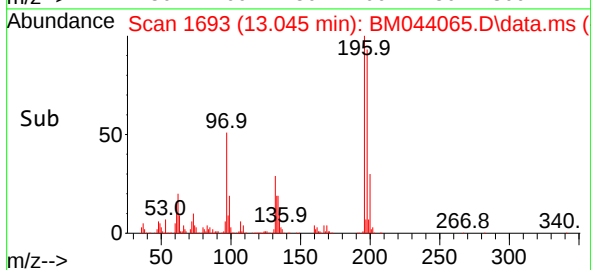
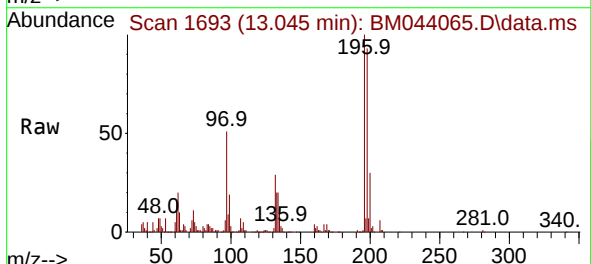
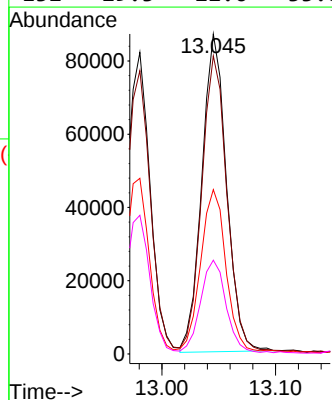
Manual Integrations
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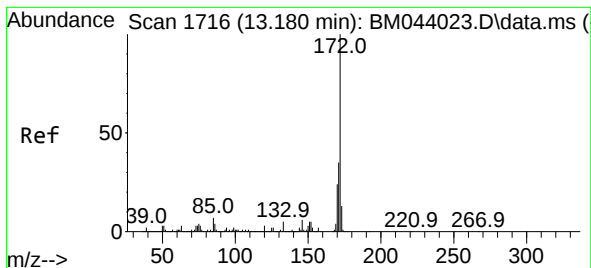
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#44
2,4,5-Trichlorophenol
Concen: 5.281 ng
RT: 13.045 min Scan# 1693
Delta R.T. -0.012 min
Lab File: BM044065.D
Acq: 12 Feb 2024 20:08

Tgt Ion:196 Resp: 130877
Ion Ratio Lower Upper
196 100
198 93.2 76.9 115.3
97 51.3 39.0 58.4
132 29.3 22.6 33.8





#45

2-Fluorobiphenyl

Concen: 61.594 ng

RT: 13.175 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM044065.D

Acq: 12 Feb 2024 20:08

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2024

Tgt Ion:172 Resp: 4982824

Ion Ratio Lower Upper

172 100

171 34.8 27.9 41.9

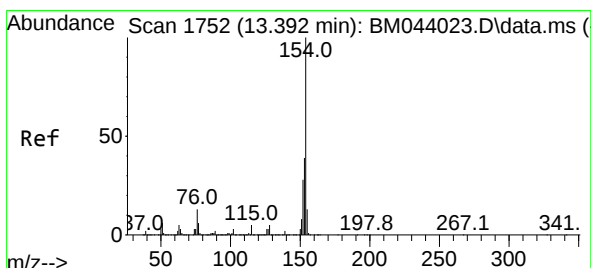
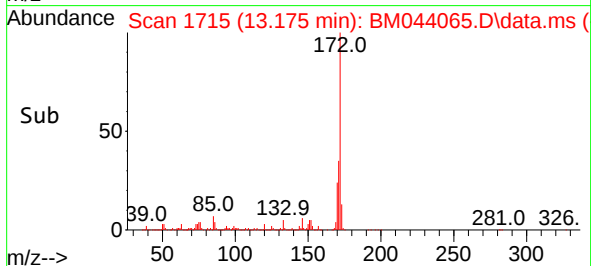
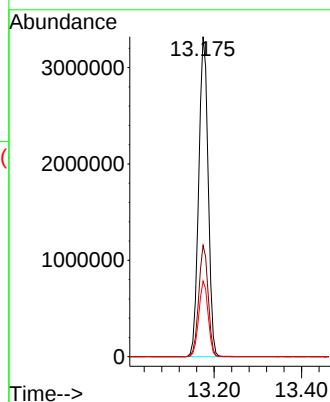
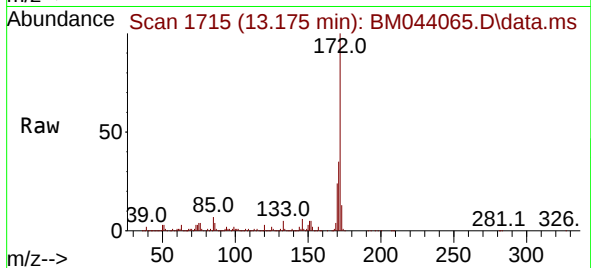
170 23.7 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/14/2024

Supervised By :mohammad ahmed 02/14/2024



#46

1,1'-Biphenyl

Concen: 6.410 ng

RT: 13.386 min Scan# 1751

Delta R.T. -0.006 min

Lab File: BM044065.D

Acq: 12 Feb 2024 20:08

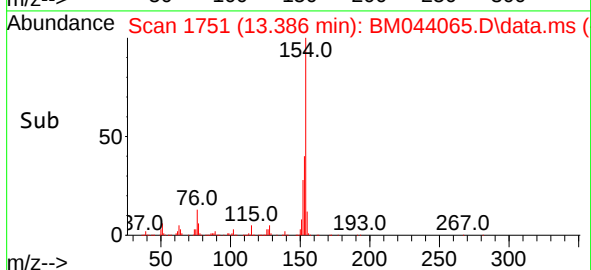
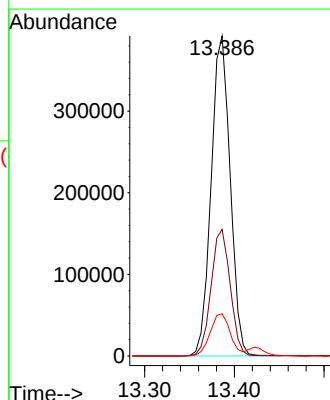
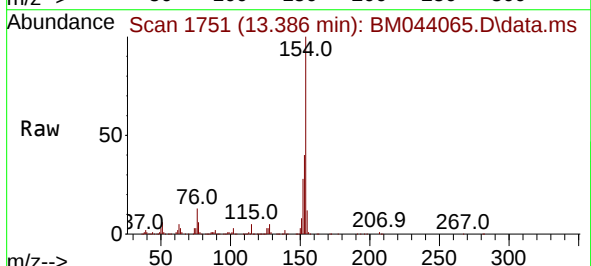
Tgt Ion:154 Resp: 577503

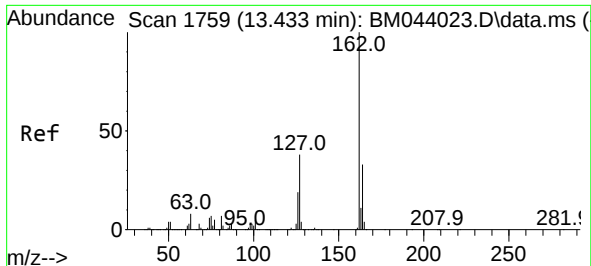
Ion Ratio Lower Upper

154 100

153 39.6 19.4 59.4

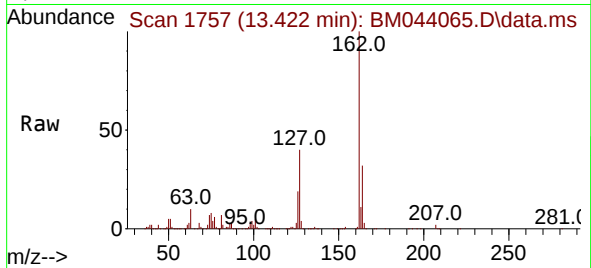
76 13.2 0.0 32.9





#47
2-Chloronaphthalene
Concen: 6.040 ng
RT: 13.422 min Scan# 1757
Delta R.T. -0.012 min
Lab File: BM044065.D
Acq: 12 Feb 2024 20:08

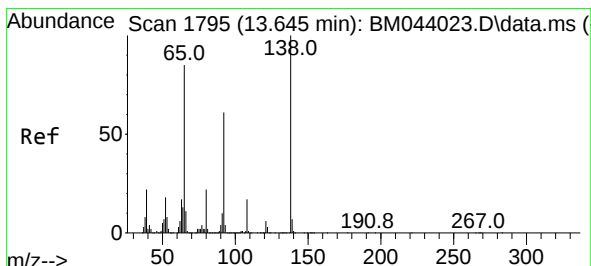
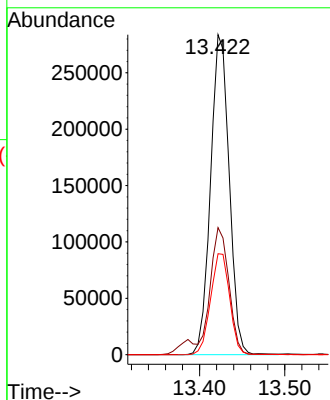
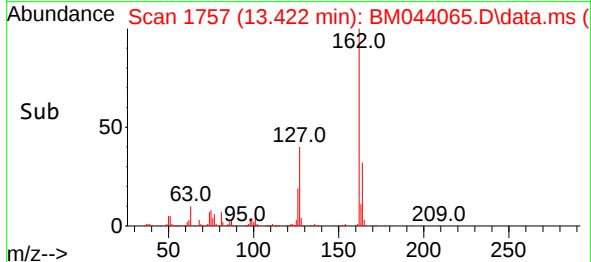
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT1-2024



Tgt Ion:162 Resp: 43103
Ion Ratio Lower Upper
162 100
127 39.7 30.9 46.3
164 31.5 26.4 39.6

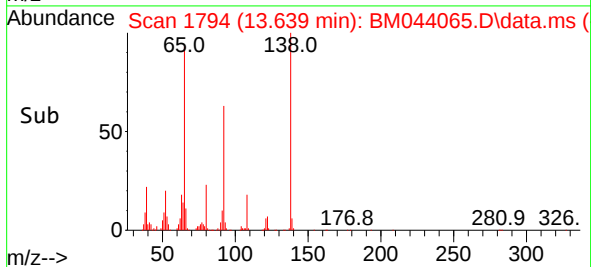
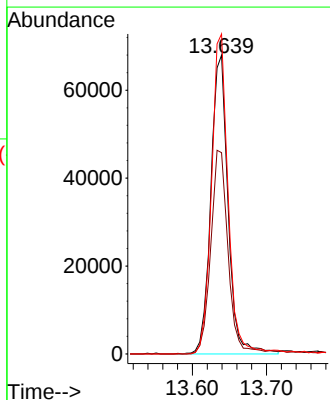
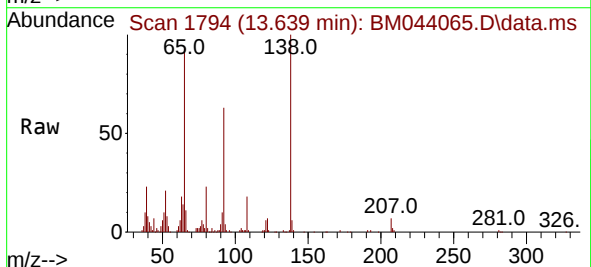
Manual Integrations
APPROVED

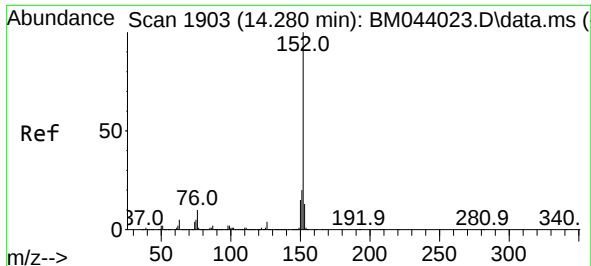
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#48
2-Nitroaniline
Concen: 5.458 ng
RT: 13.639 min Scan# 1794
Delta R.T. -0.006 min
Lab File: BM044065.D
Acq: 12 Feb 2024 20:08

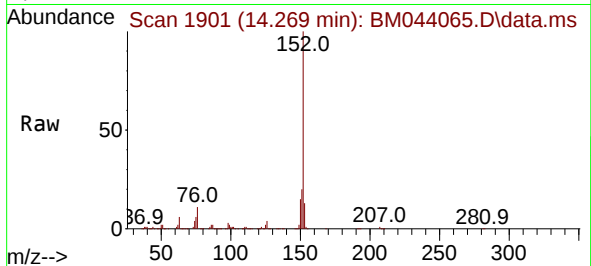
Tgt Ion: 65 Resp: 109586
Ion Ratio Lower Upper
65 100
92 67.3 58.1 87.1
138 107.1 94.6 142.0





#49
Acenaphthylene
Concen: 6.493 ng
RT: 14.269 min Scan# 1903
Delta R.T. -0.012 min
Lab File: BM044065.D
Acq: 12 Feb 2024 20:08

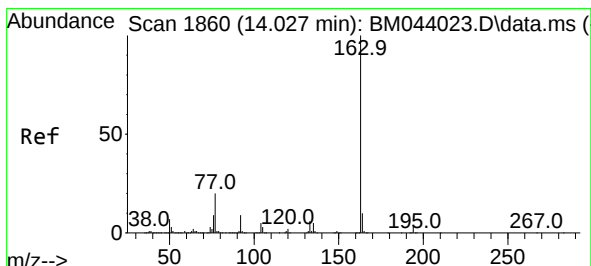
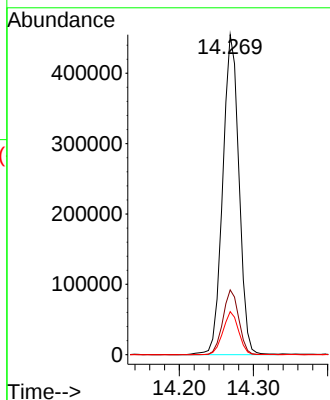
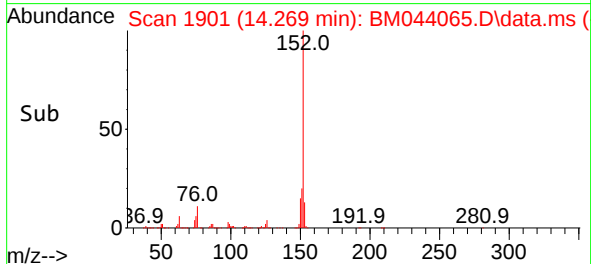
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2024



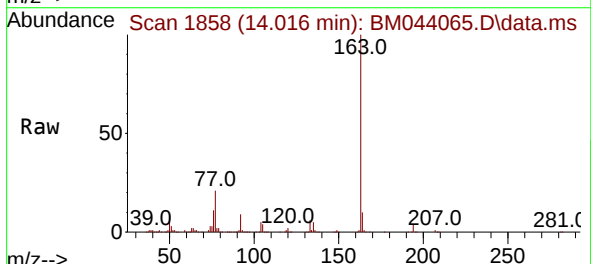
Tgt Ion:152 Resp: 69132
Ion Ratio Lower Upper
152 100
151 20.2 15.8 23.6
153 13.4 10.5 15.7

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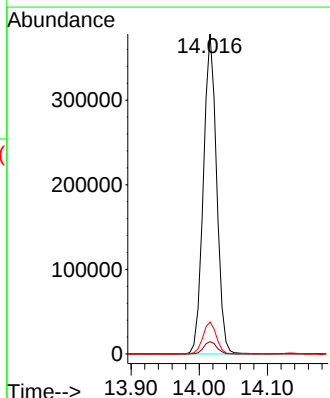
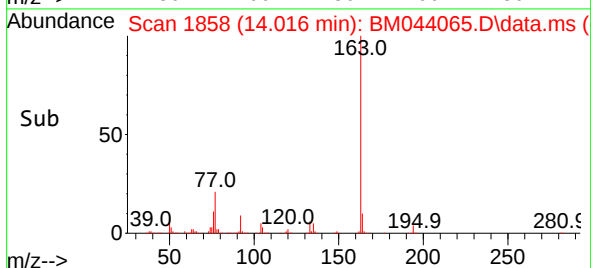
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024

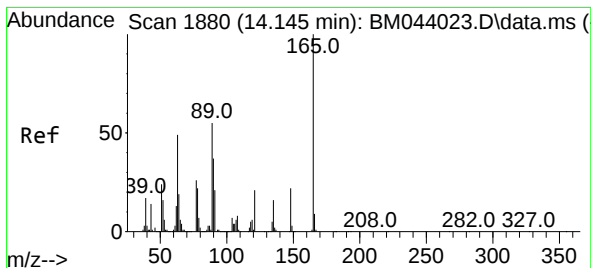


#50
Dimethylphthalate
Concen: 6.024 ng
RT: 14.016 min Scan# 1858
Delta R.T. -0.012 min
Lab File: BM044065.D
Acq: 12 Feb 2024 20:08



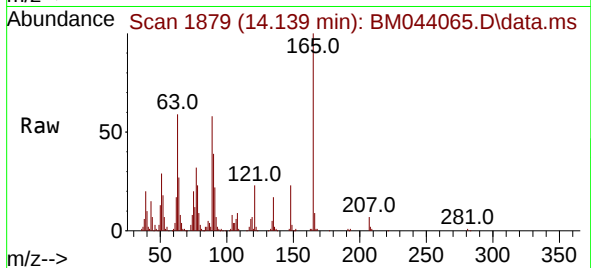
Tgt Ion:163 Resp: 509967
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.0 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 5.311 ng
RT: 14.139 min Scan# 1880
Delta R.T. -0.006 min
Lab File: BM044065.D
Acq: 12 Feb 2024 20:08

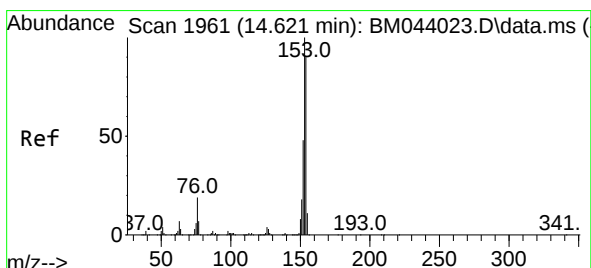
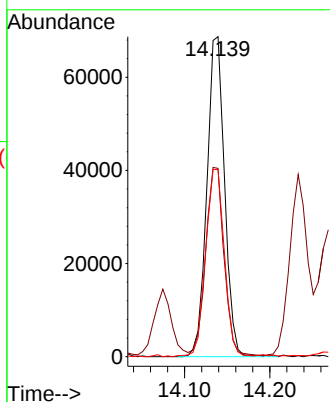
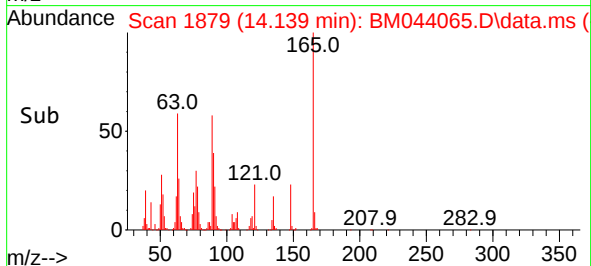
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT1-2024



Tgt Ion:165 Resp: 9918
Ion Ratio Lower Upper
165 100
63 58.9 43.5 65.3
89 58.5 44.4 66.6

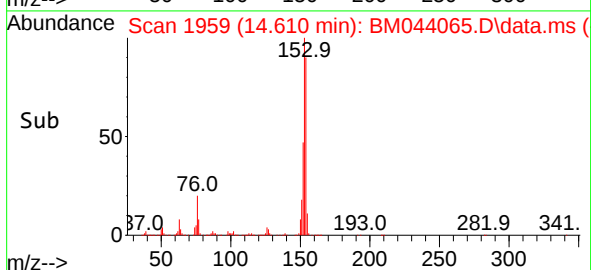
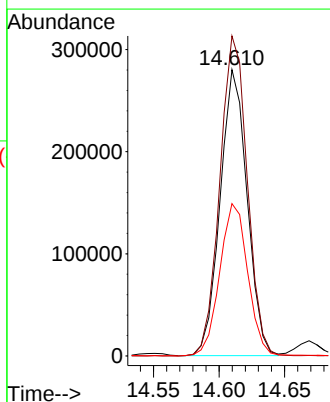
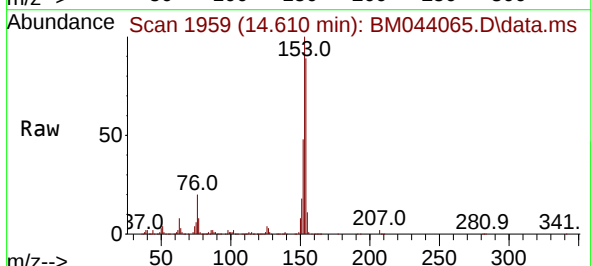
Manual Integrations
APPROVED

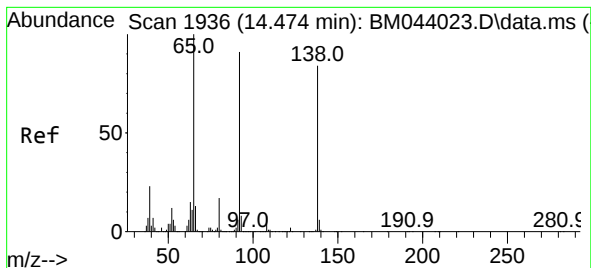
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#52
Acenaphthene
Concen: 6.072 ng
RT: 14.610 min Scan# 1959
Delta R.T. -0.012 min
Lab File: BM044065.D
Acq: 12 Feb 2024 20:08

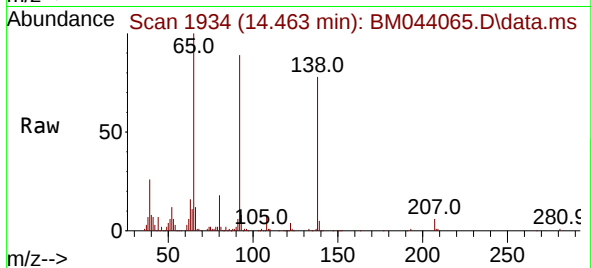
Tgt Ion:154 Resp: 400089
Ion Ratio Lower Upper
154 100
153 111.8 89.3 133.9
152 53.2 43.0 64.6





#53
3-Nitroaniline
Concen: 5.137 ng
RT: 14.463 min Scan# 1936
Delta R.T. -0.012 min
Lab File: BM044065.D
Acq: 12 Feb 2024 20:08

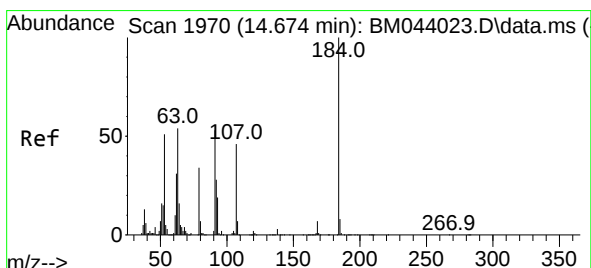
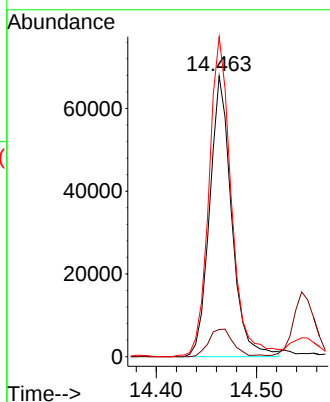
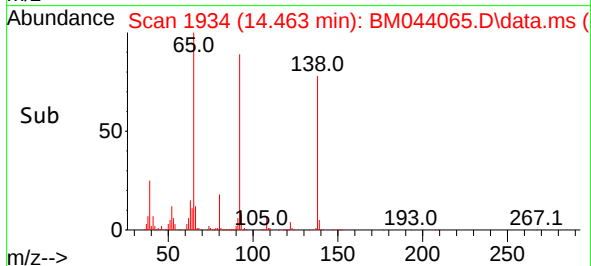
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT1-2024



Tgt Ion:138 Resp: 103100
Ion Ratio Lower Upper
138 100
108 9.7 7.6 11.4
92 114.0 86.5 129.7

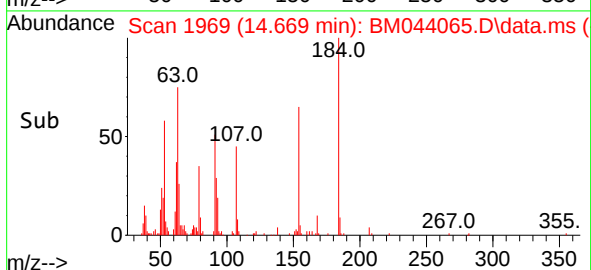
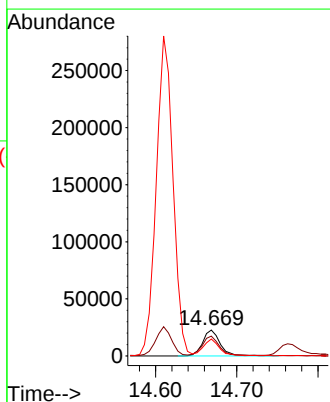
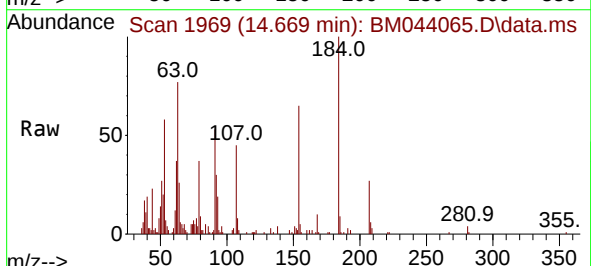
Manual Integrations
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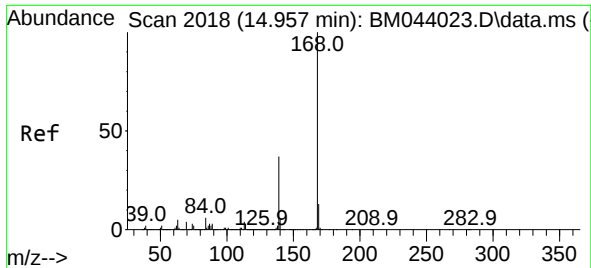
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#54
2,4-Dinitrophenol
Concen: 8.399 ng
RT: 14.669 min Scan# 1969
Delta R.T. -0.005 min
Lab File: BM044065.D
Acq: 12 Feb 2024 20:08

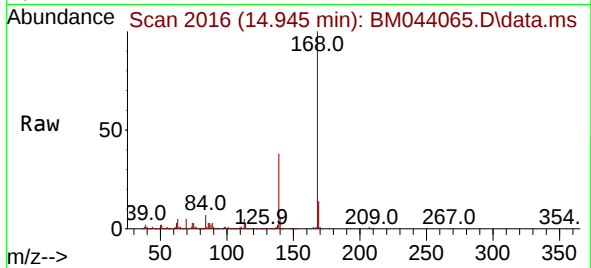
Tgt Ion:184 Resp: 33881
Ion Ratio Lower Upper
184 100
63 76.5 55.4 83.2
154 65.5 49.2 73.8





#55
Dibenzenofuran
Concen: 6.320 ng
RT: 14.945 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BM044065.D
Acq: 12 Feb 2024 20:08

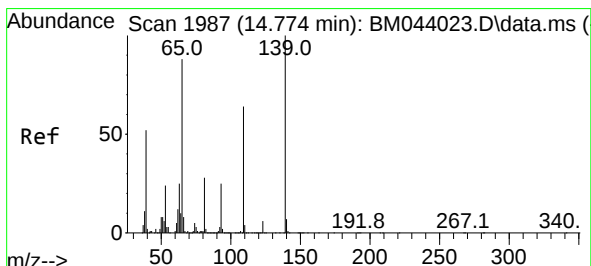
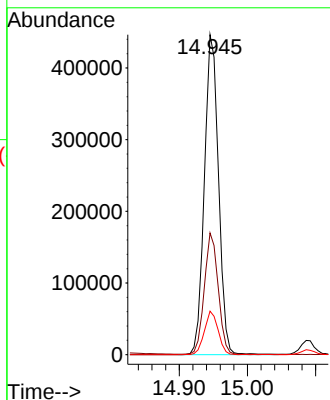
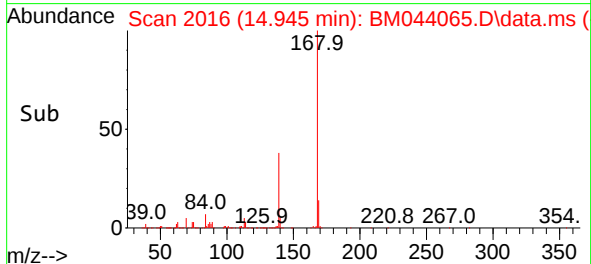
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2024



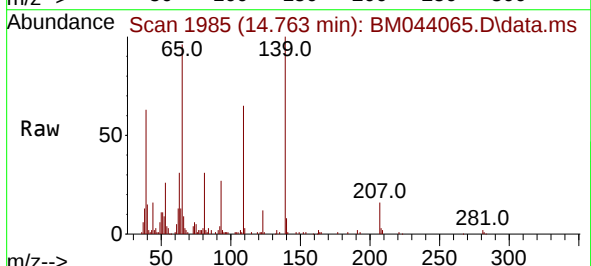
Tgt Ion:168 Resp: 644594
Ion Ratio Lower Upper
168 100
139 38.1 29.6 44.4
169 13.6 10.5 15.7

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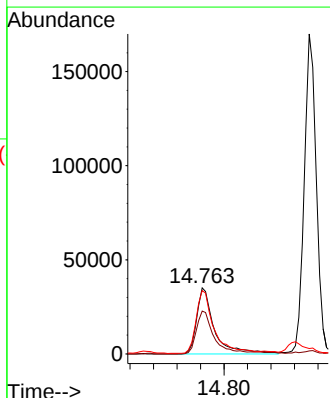
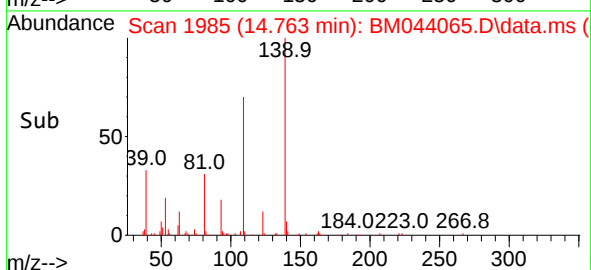
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024

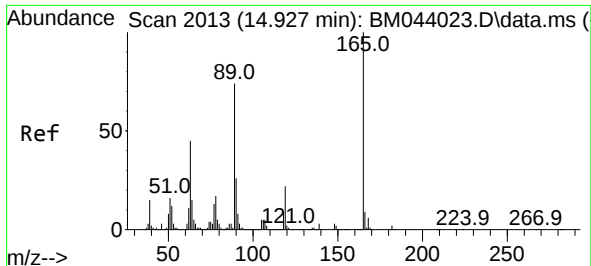


#56
4-Nitrophenol
Concen: 4.529 ng
RT: 14.763 min Scan# 1985
Delta R.T. -0.012 min
Lab File: BM044065.D
Acq: 12 Feb 2024 20:08



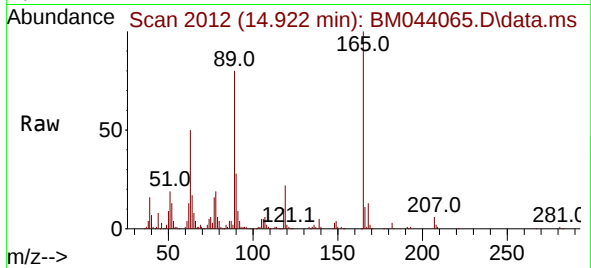
Tgt Ion:139 Resp: 73898
Ion Ratio Lower Upper
139 100
109 64.9 43.8 83.8
65 95.9 67.7 107.7





#57
2,4-Dinitrotoluene
Concen: 4.922 ng
RT: 14.922 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BM044065.D
Acq: 12 Feb 2024 20:08

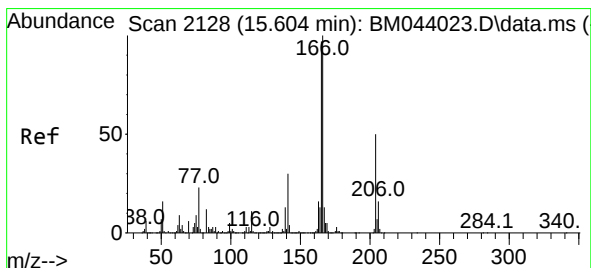
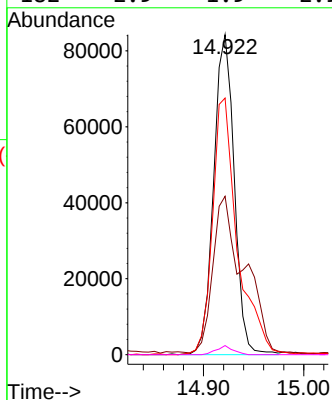
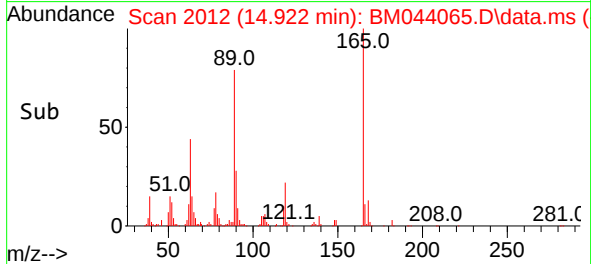
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion:165 Resp: 12015
Ion Ratio Lower Upper
165 100
63 49.5 35.9 53.9
89 80.2 58.9 88.3
182 2.9 1.9 2.9

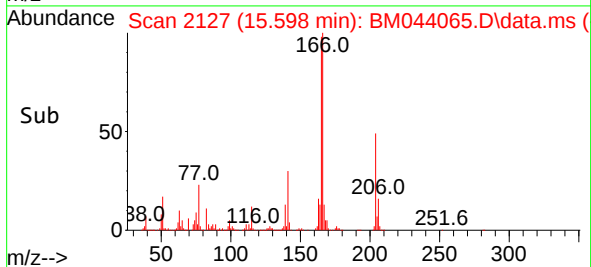
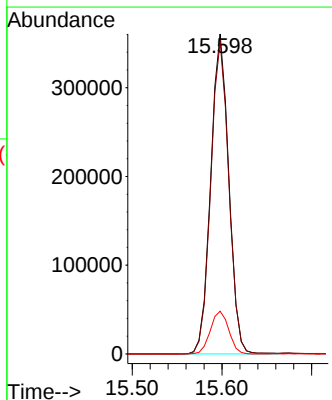
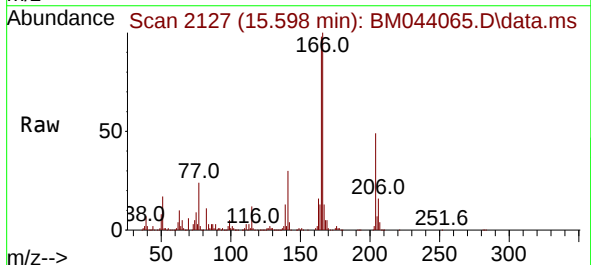
Manual Integrations
APPROVED

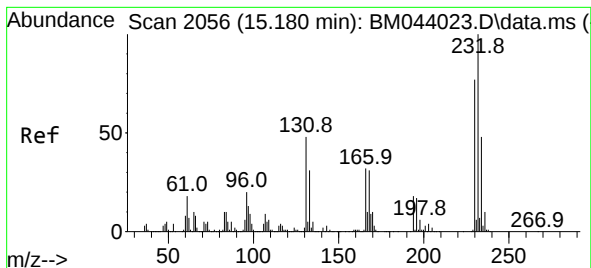
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#58
Fluorene
Concen: 6.396 ng
RT: 15.598 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BM044065.D
Acq: 12 Feb 2024 20:08

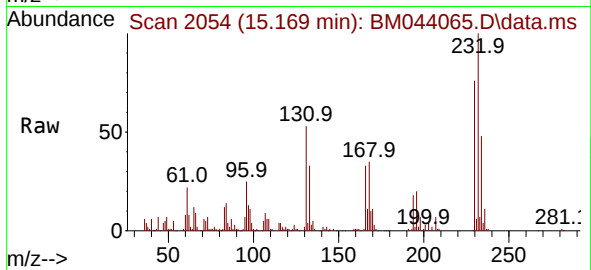
Tgt Ion:166 Resp: 504032
Ion Ratio Lower Upper
166 100
165 97.6 77.7 116.5
167 13.3 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 5.828 ng
RT: 15.169 min Scan# 2054
Delta R.T. -0.012 min
Lab File: BM044065.D
Acq: 12 Feb 2024 20:08

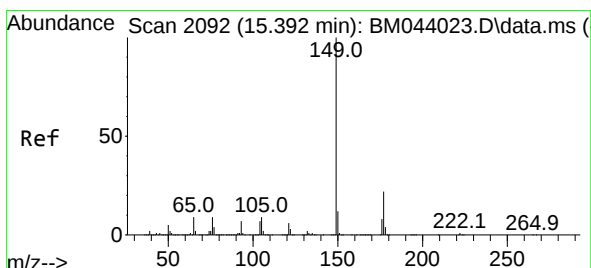
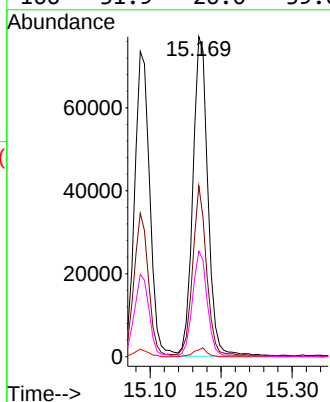
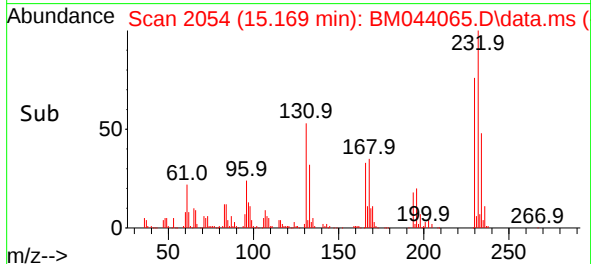
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion:232 Resp: 11334
Ion Ratio Lower Upper
232 100
131 49.5 39.5 59.3
130 2.4 2.0 3.0
166 31.9 26.0 39.0

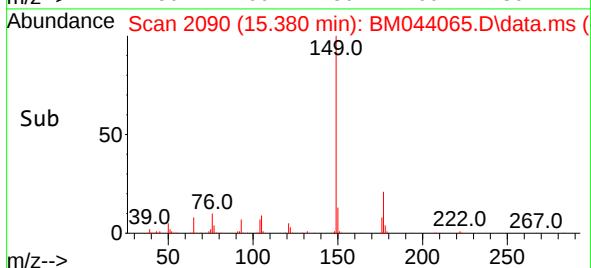
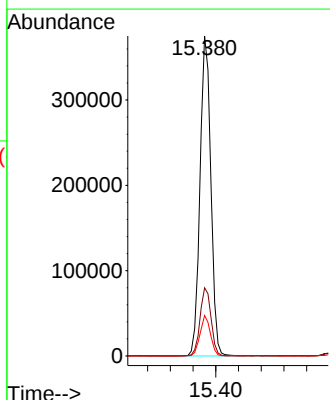
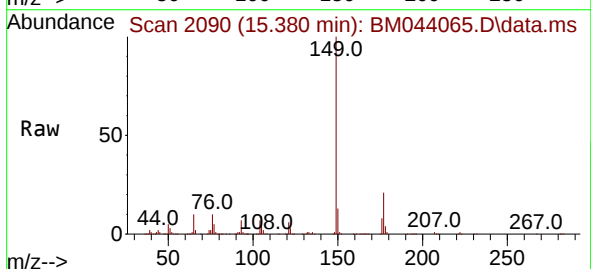
Manual Integrations
APPROVED

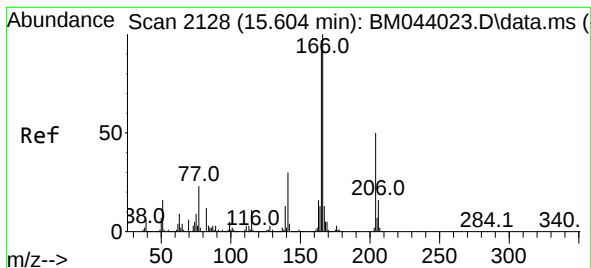
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#60
Diethylphthalate
Concen: 5.674 ng
RT: 15.380 min Scan# 2090
Delta R.T. -0.012 min
Lab File: BM044065.D
Acq: 12 Feb 2024 20:08

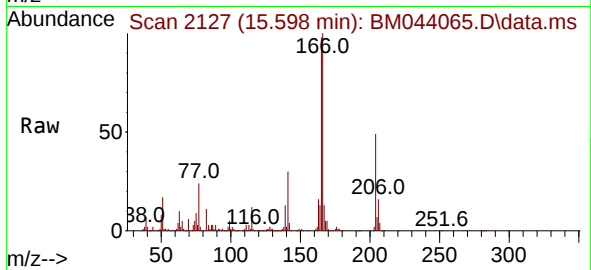
Tgt Ion:149 Resp: 496434
Ion Ratio Lower Upper
149 100
177 21.3 17.5 26.3
150 12.6 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 6.331 ng
RT: 15.598 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BM044065.D
Acq: 12 Feb 2024 20:08

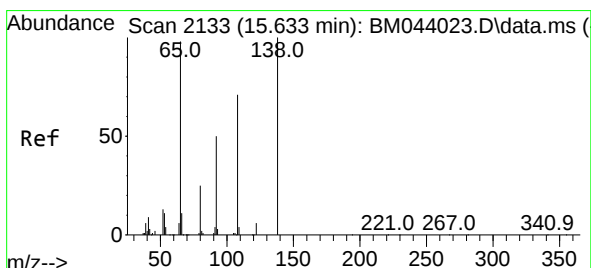
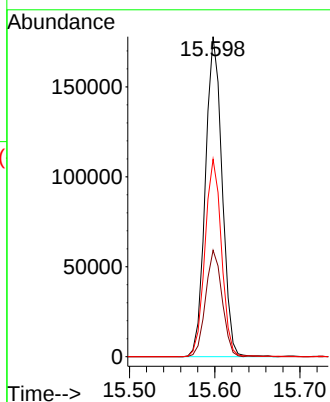
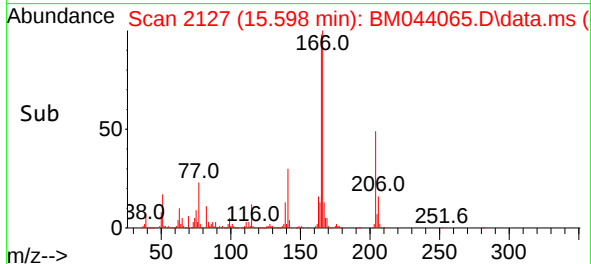
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion:204 Resp: 241770
Ion Ratio Lower Upper
204 100
206 33.2 26.3 39.5
141 61.7 47.7 71.5

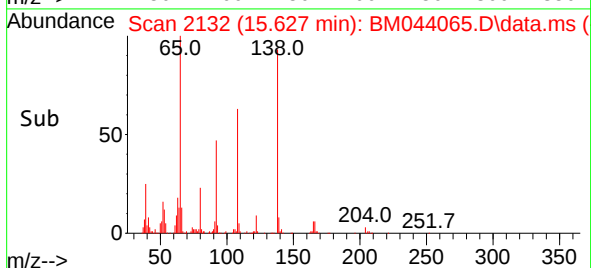
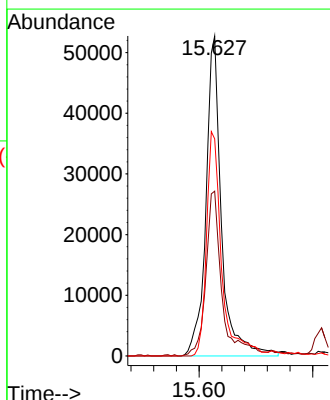
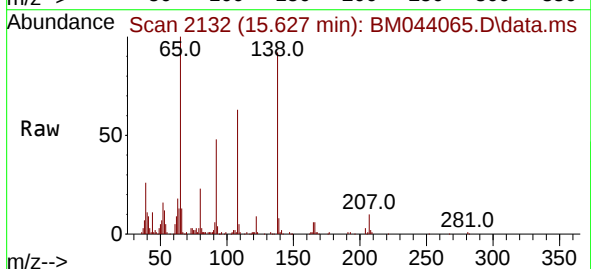
Manual Integrations
APPROVED

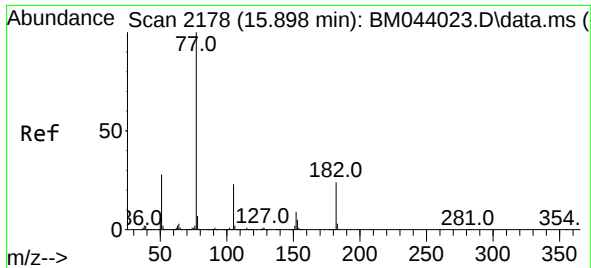
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#62
4-Nitroaniline
Concen: 4.945 ng
RT: 15.627 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BM044065.D
Acq: 12 Feb 2024 20:08

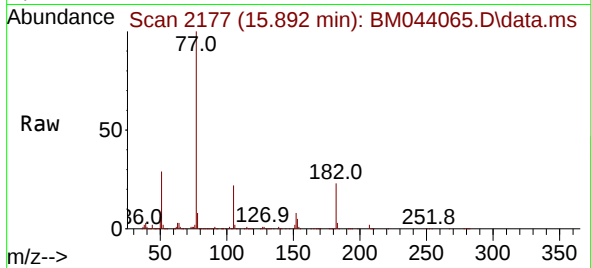
Tgt Ion:138 Resp: 99920
Ion Ratio Lower Upper
138 100
92 51.5 29.6 69.6
108 67.8 47.8 87.8





#63
Azobenzene
Concen: 5.990 ng
RT: 15.892 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BM044065.D
Acq: 12 Feb 2024 20:08

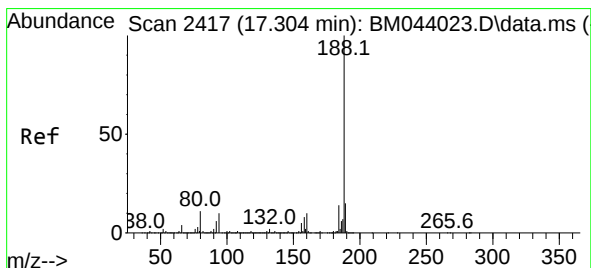
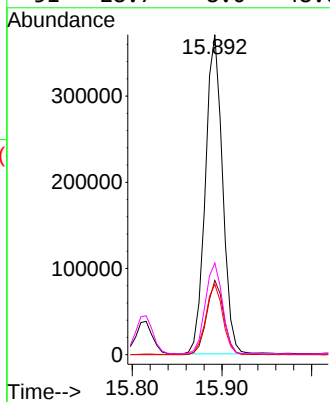
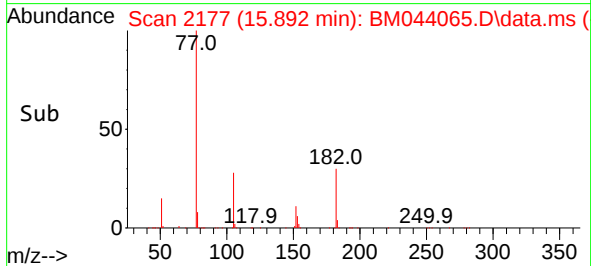
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion: 77 Resp: 49166
Ion Ratio Lower Upper
77 100
182 23.2 4.0 44.0
105 21.9 3.3 43.3
51 28.7 8.0 48.0

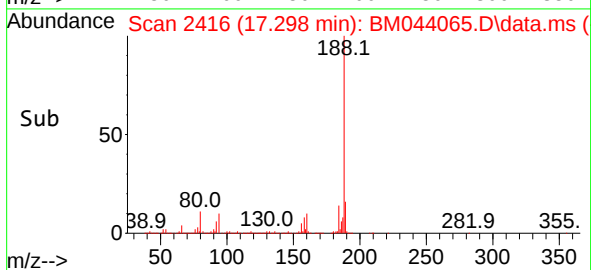
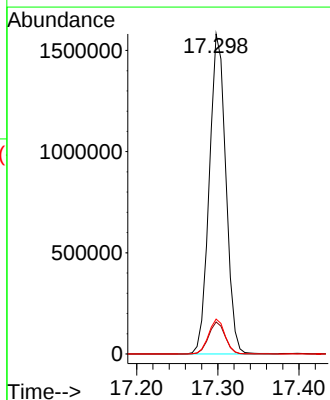
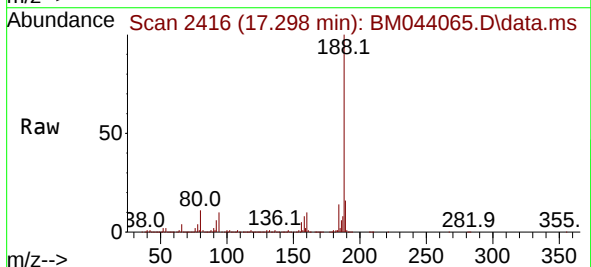
Manual Integrations
APPROVED

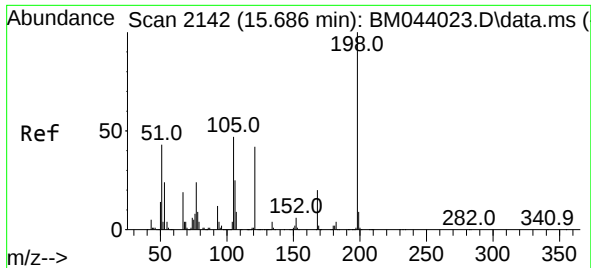
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.298 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BM044065.D
Acq: 12 Feb 2024 20:08

Tgt Ion:188 Resp: 2239573
Ion Ratio Lower Upper
188 100
94 10.0 8.2 12.2
80 10.9 8.8 13.2





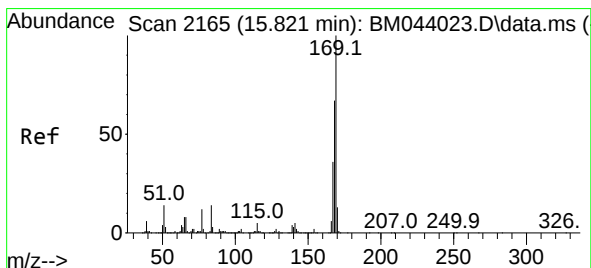
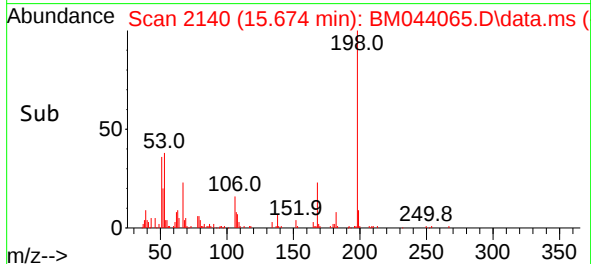
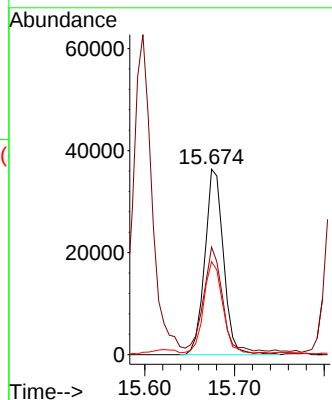
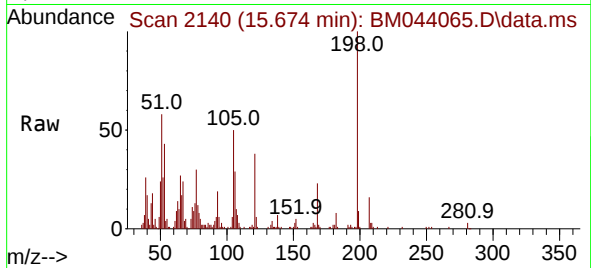
#65
4,6-Dinitro-2-methylphenol
Concen: 3.929 ng
RT: 15.674 min Scan# 2140
Delta R.T. -0.012 min
Lab File: BM044065.D
Acq: 12 Feb 2024 20:08

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

Tgt Ion:198 Resp: 52431
Ion Ratio Lower Upper
198 100
51 58.0 29.9 69.9
105 50.1 28.7 68.7

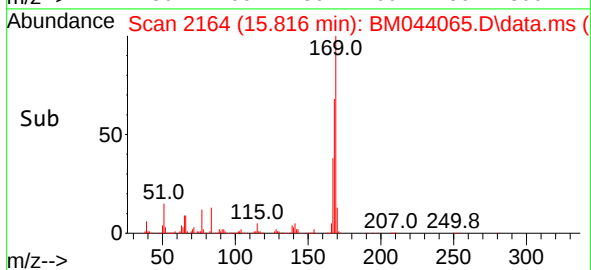
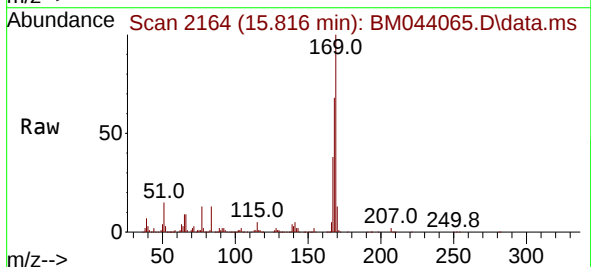
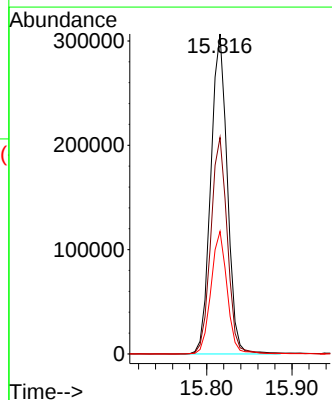
Manual Integrations
APPROVED

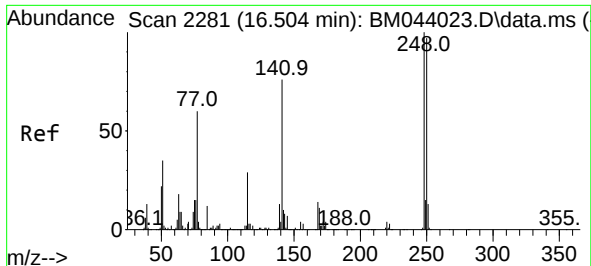
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#66
n-Nitrosodiphenylamine
Concen: 6.067 ng
RT: 15.816 min Scan# 2164
Delta R.T. -0.006 min
Lab File: BM044065.D
Acq: 12 Feb 2024 20:08

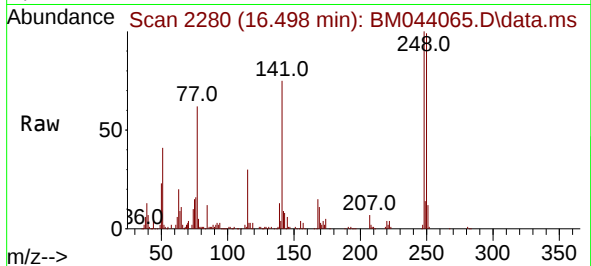
Tgt Ion:169 Resp: 412783
Ion Ratio Lower Upper
169 100
168 67.7 53.8 80.8
167 38.3 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 5.124 ng
RT: 16.498 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM044065.D
Acq: 12 Feb 2024 20:08

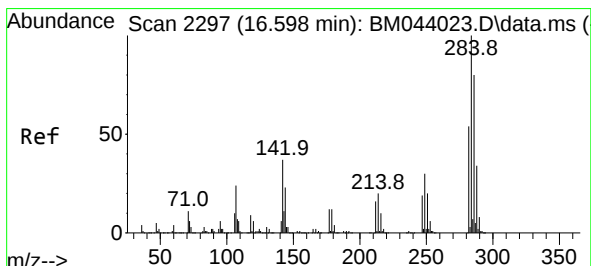
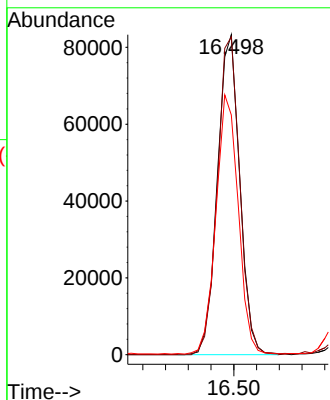
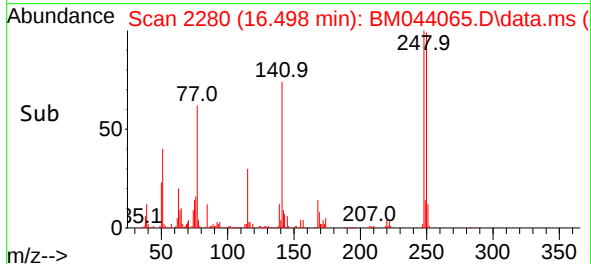
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion:248 Resp: 11346
Ion Ratio Lower Upper
248 100
250 99.3 77.4 116.2
141 74.9 61.0 91.6

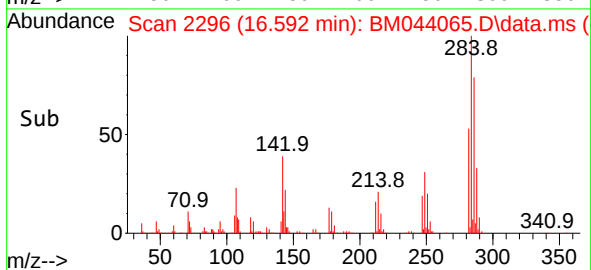
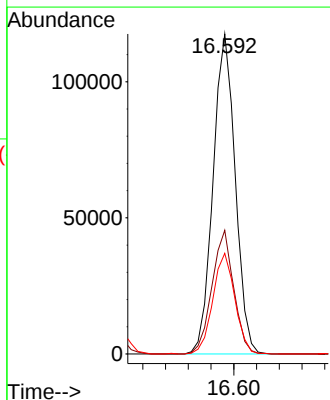
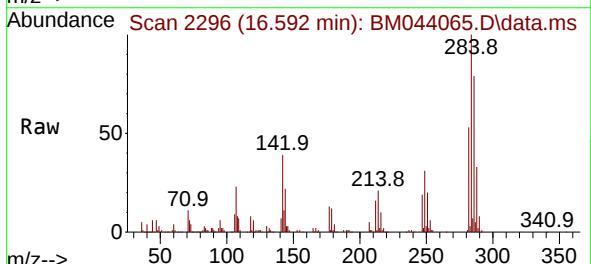
Manual Integrations
APPROVED

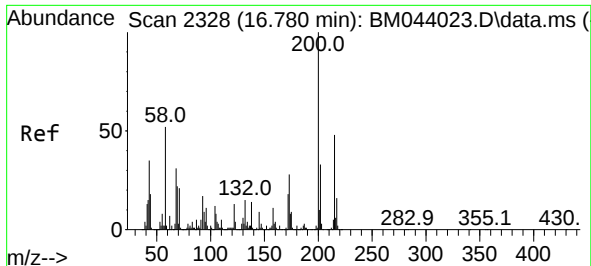
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#68
Hexachlorobenzene
Concen: 5.870 ng
RT: 16.592 min Scan# 2296
Delta R.T. -0.006 min
Lab File: BM044065.D
Acq: 12 Feb 2024 20:08

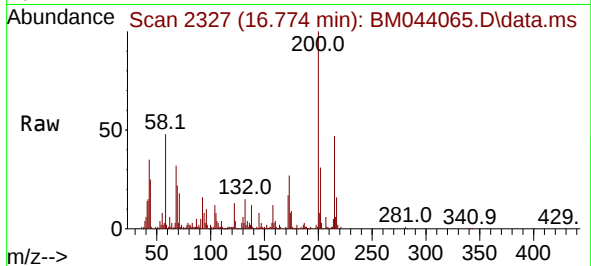
Tgt Ion:284 Resp: 159231
Ion Ratio Lower Upper
284 100
142 38.7 30.0 45.0
249 31.5 24.1 36.1





#69
Atrazine
Concen: 7.165 ng
RT: 16.774 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM044065.D
Acq: 12 Feb 2024 20:08

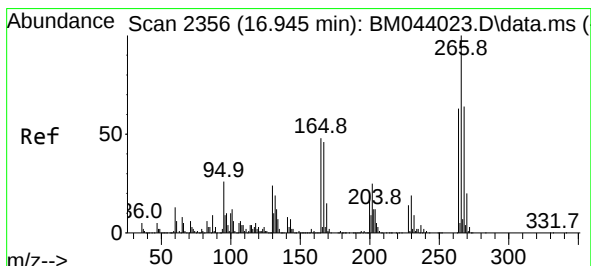
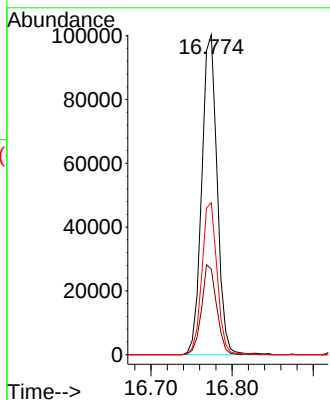
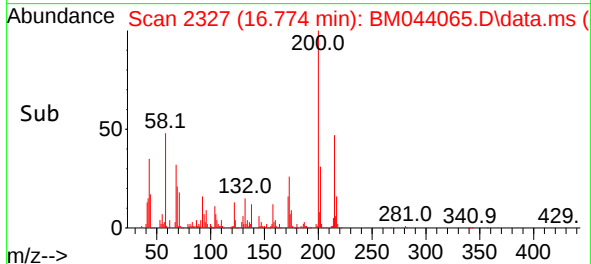
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion:200 Resp: 131998
Ion Ratio Lower Upper
200 100
173 26.8 7.9 47.9
215 47.5 27.9 67.9

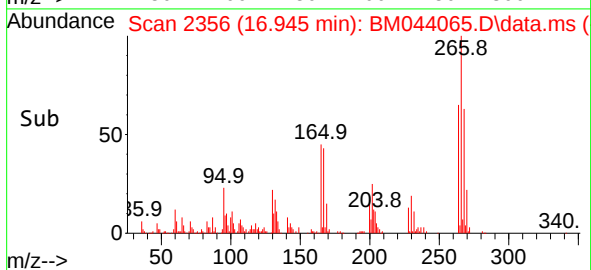
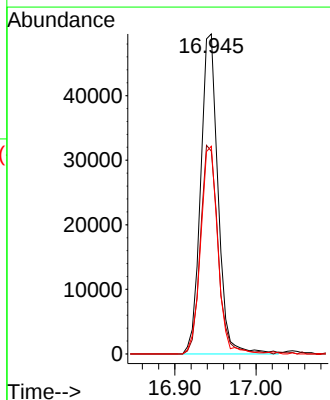
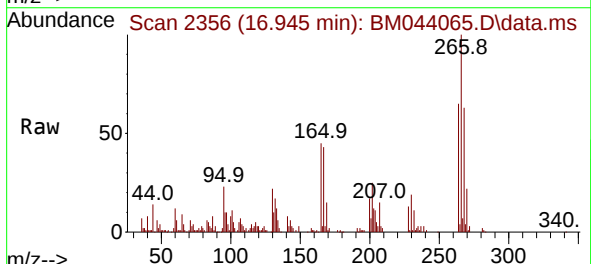
Manual Integrations
APPROVED

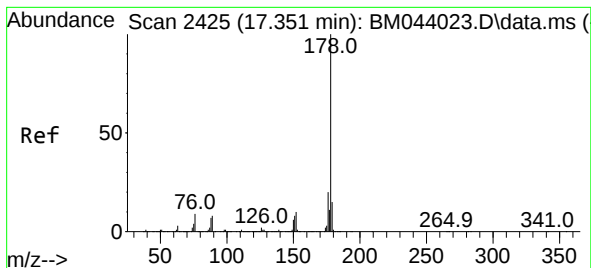
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#70
Pentachlorophenol
Concen: 4.176 ng
RT: 16.945 min Scan# 2356
Delta R.T. 0.000 min
Lab File: BM044065.D
Acq: 12 Feb 2024 20:08

Tgt Ion:266 Resp: 73691
Ion Ratio Lower Upper
266 100
268 63.4 51.1 76.7
264 64.9 50.5 75.7





#71

Phenanthrene

Concen: 6.361 ng

RT: 17.339 min Scan# 2423

Delta R.T. -0.012 min

Lab File: BM044065.D

Acq: 12 Feb 2024 20:08

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2024

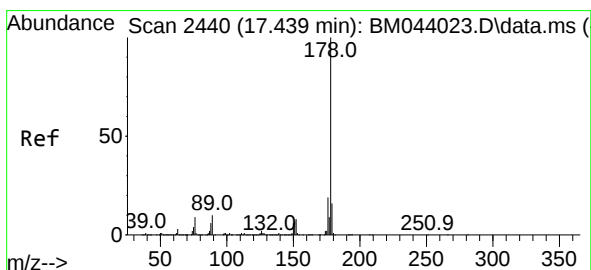
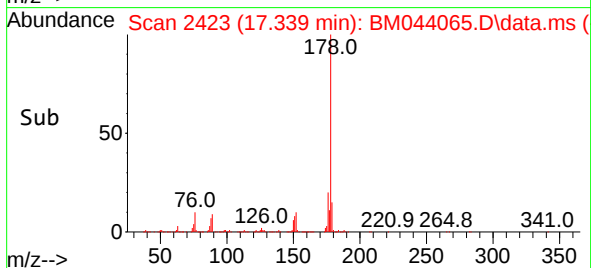
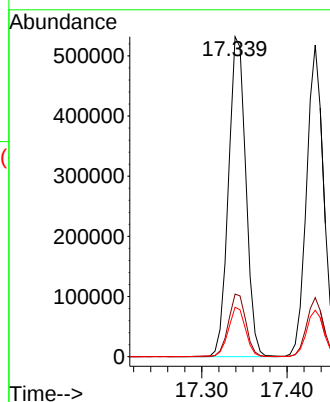
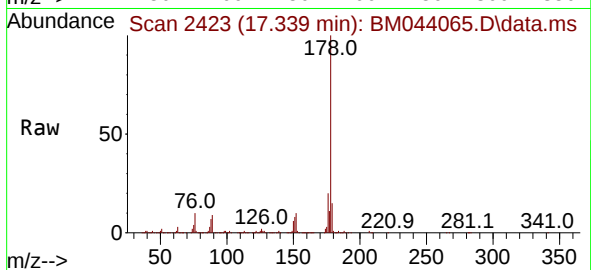
Tgt Ion:178 Resp: 752248
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 15.4 12.2 18.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/14/2024

Supervised By :mohammad ahmed 02/14/2024



#72

Anthracene

Concen: 6.225 ng

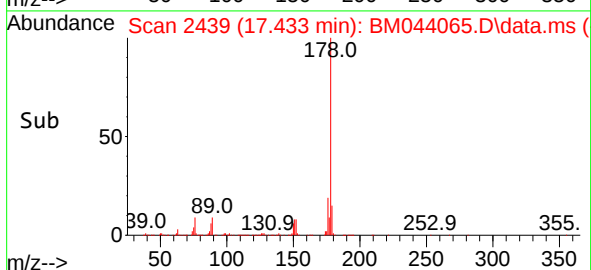
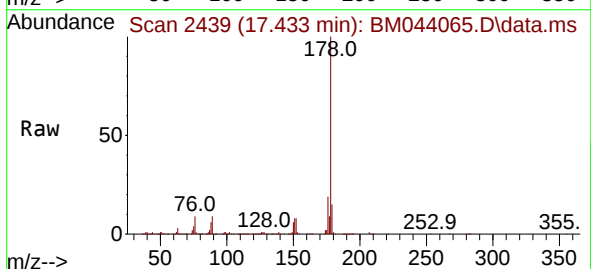
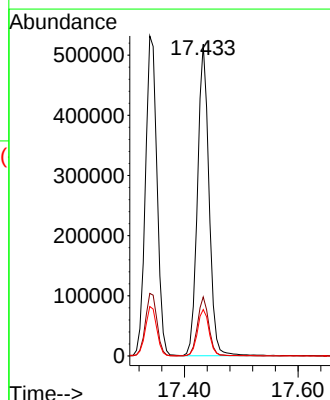
RT: 17.433 min Scan# 2439

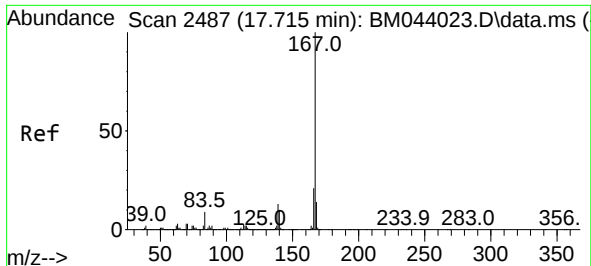
Delta R.T. -0.006 min

Lab File: BM044065.D

Acq: 12 Feb 2024 20:08

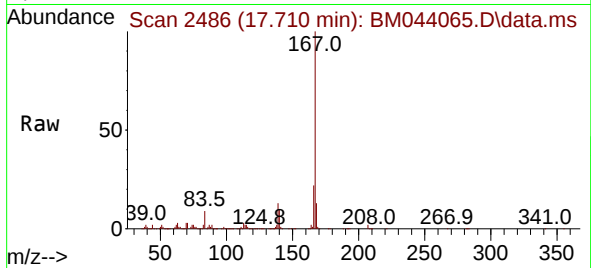
Tgt Ion:178 Resp: 728848
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 14.9 12.4 18.6





#73
 Carbazole
 Concen: 5.939 ng
 RT: 17.710 min Scan# 2487
 Delta R.T. -0.006 min
 Lab File: BM044065.D
 Acq: 12 Feb 2024 20:08

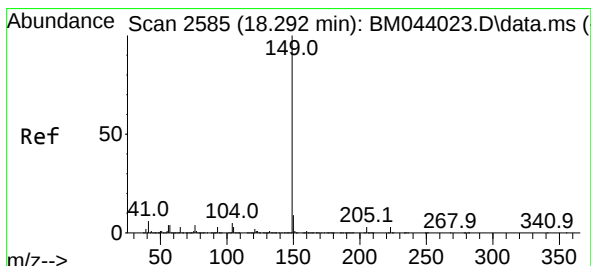
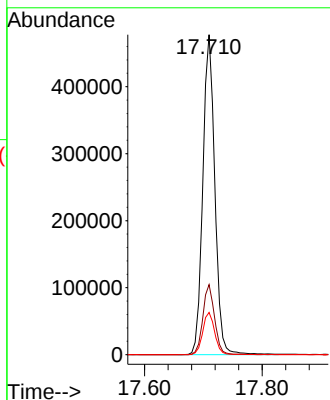
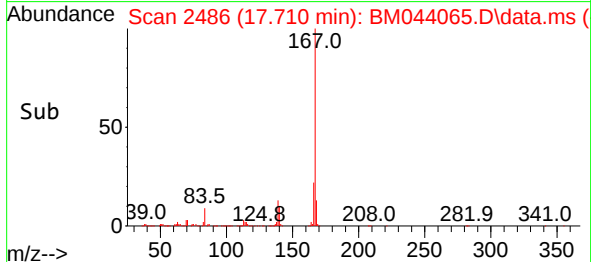
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT1-2024



Tgt Ion:167 Resp: 676285
 Ion Ratio Lower Upper
 167 100
 166 21.9 16.8 25.2
 139 13.2 10.4 15.6

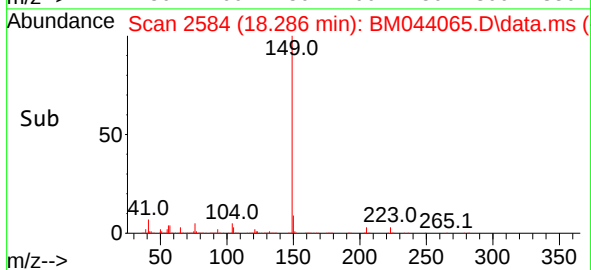
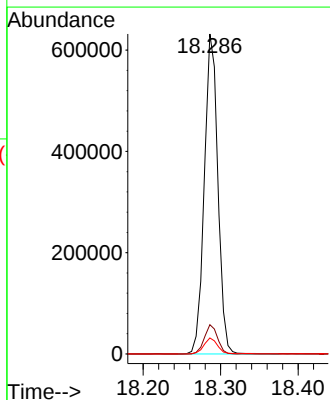
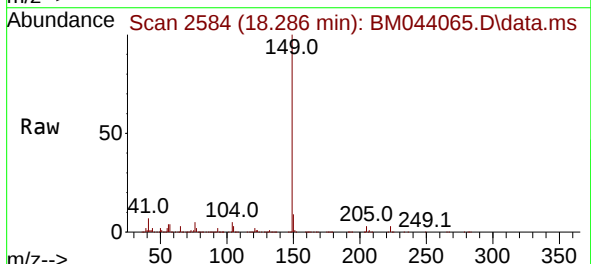
Manual Integrations
 APPROVED

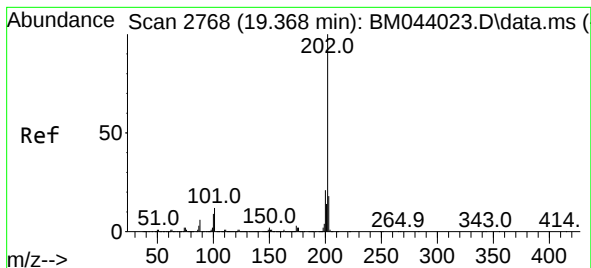
Reviewed By :Yogesh Patel 02/14/2024
 Supervised By :mohammad ahmed 02/14/2024



#74
 Di-n-butylphthalate
 Concen: 5.176 ng
 RT: 18.286 min Scan# 2584
 Delta R.T. -0.006 min
 Lab File: BM044065.D
 Acq: 12 Feb 2024 20:08

Tgt Ion:149 Resp: 766117
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 5.0 3.8 5.6





#75

Fluoranthene

Concen: 5.882 ng

RT: 19.362 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM044065.D

Acq: 12 Feb 2024 20:08

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2024

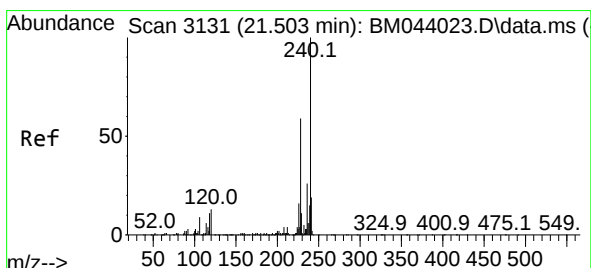
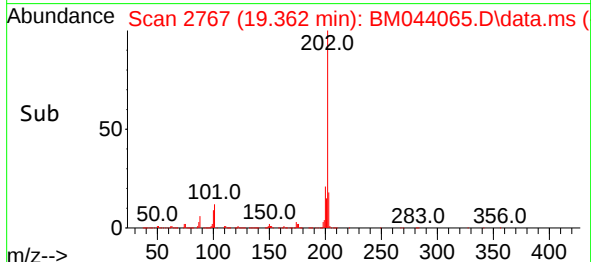
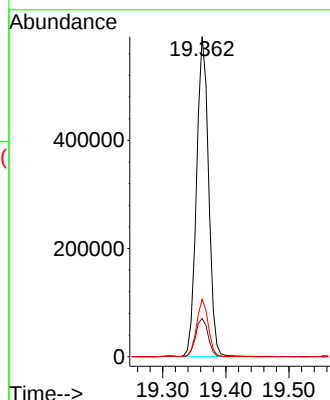
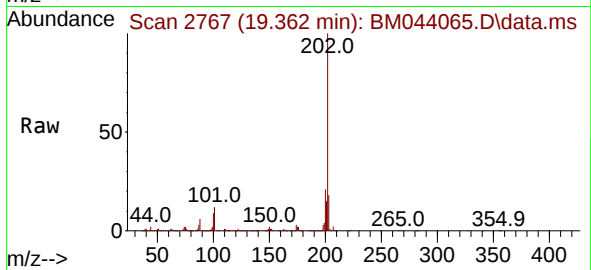
Tgt Ion:202 Resp: 781392
 Ion Ratio Lower Upper
 202 100
 101 11.9 0.0 32.4
 203 17.9 0.0 37.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/14/2024

Supervised By :mohammad ahmed 02/14/2024



#76

Chrysene-d12

Concen: 20.000 ng

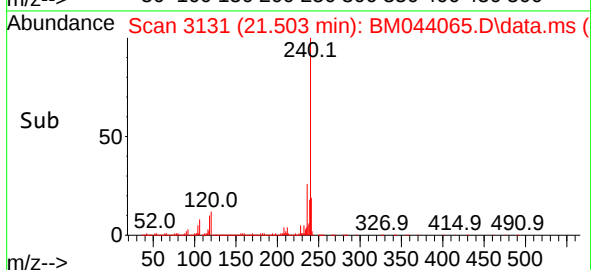
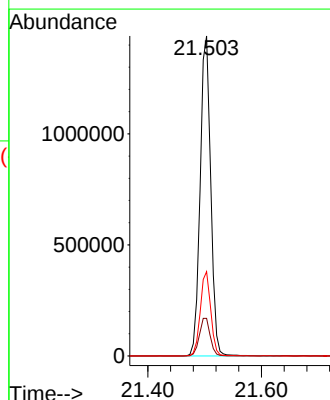
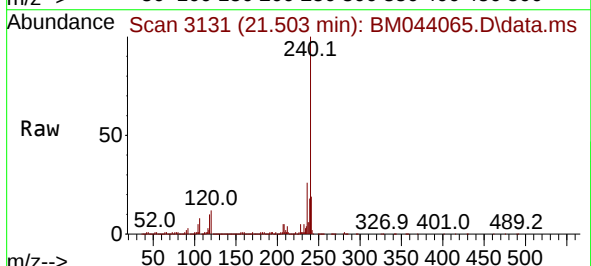
RT: 21.503 min Scan# 3131

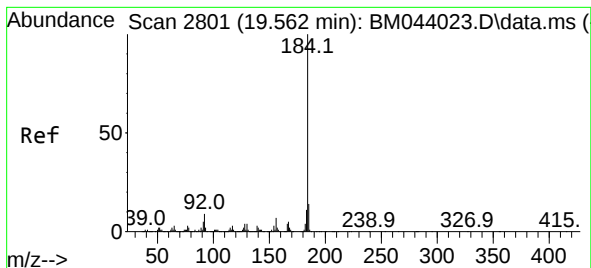
Delta R.T. 0.000 min

Lab File: BM044065.D

Acq: 12 Feb 2024 20:08

Tgt Ion:240 Resp: 1862268
 Ion Ratio Lower Upper
 240 100
 120 11.8 10.1 15.1
 236 26.4 20.6 31.0





#77

Benzidine

Concen: 9.544 ng

RT: 19.562 min Scan# 2801

Delta R.T. 0.000 min

Lab File: BM044065.D

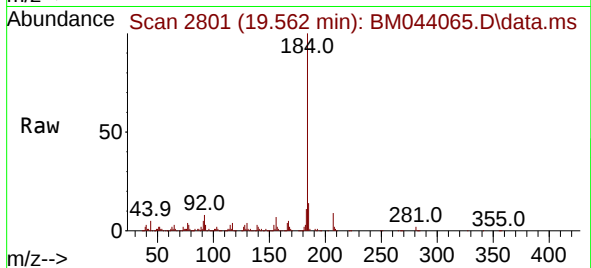
Acq: 12 Feb 2024 20:08

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2024



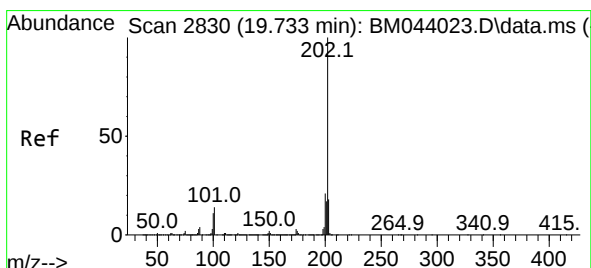
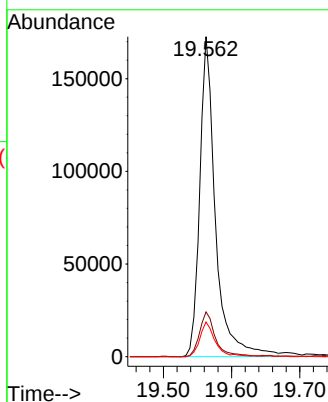
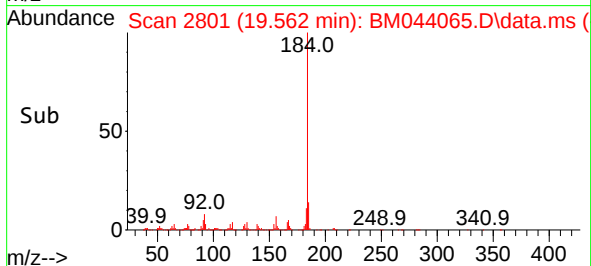
Tgt Ion:	184	Resp:	276220
Ion Ratio	Lower	Upper	
184	100		
185	14.0	11.0	16.6
183	10.8	9.0	13.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/14/2024

Supervised By :mohammad ahmed 02/14/2024



#78

Pyrene

Concen: 5.754 ng

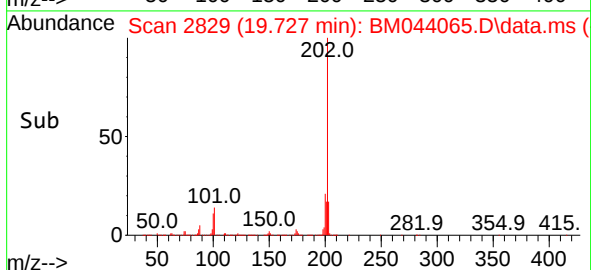
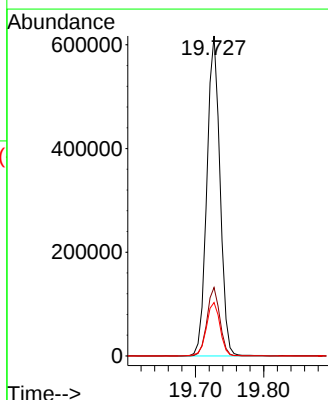
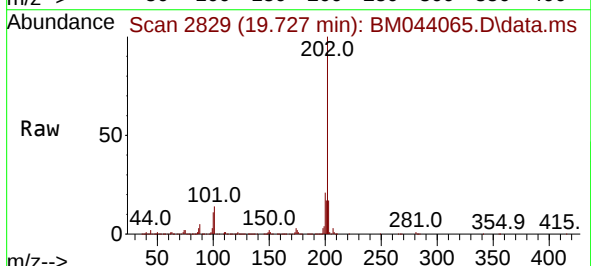
RT: 19.727 min Scan# 2829

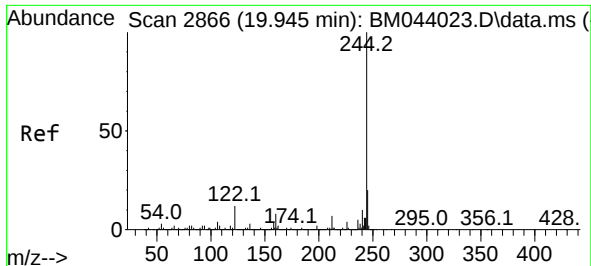
Delta R.T. -0.006 min

Lab File: BM044065.D

Acq: 12 Feb 2024 20:08

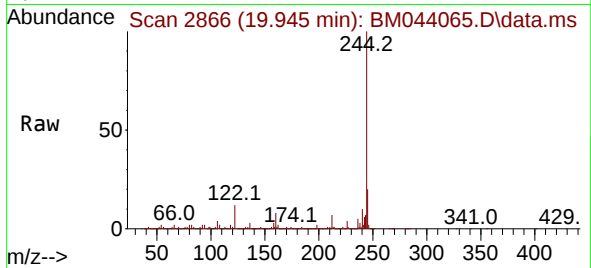
Tgt Ion:	202	Resp:	825209
Ion Ratio	Lower	Upper	
202	100		
200	21.4	16.8	25.2
203	16.7	14.0	21.0





#79
Terphenyl-d14
Concen: 60.085 ng
RT: 19.945 min Scan# 2866
Delta R.T. 0.000 min
Lab File: BM044065.D
Acq: 12 Feb 2024 20:08

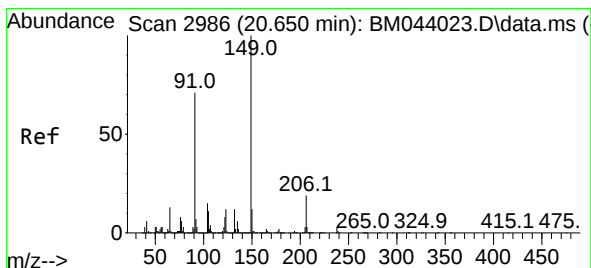
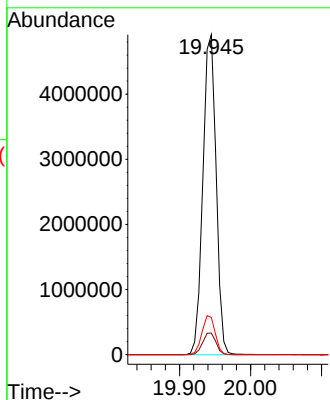
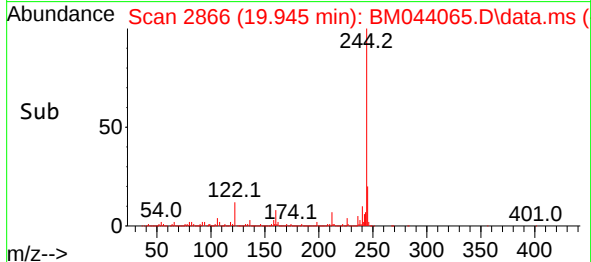
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion:244 Resp: 638287
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.2
122 11.6 9.5 14.3

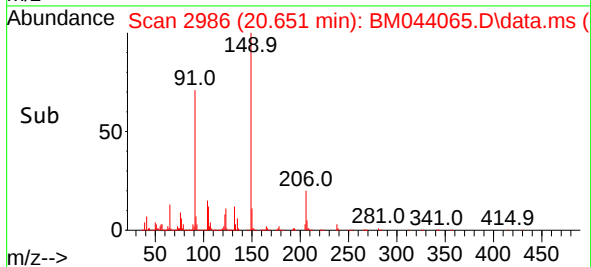
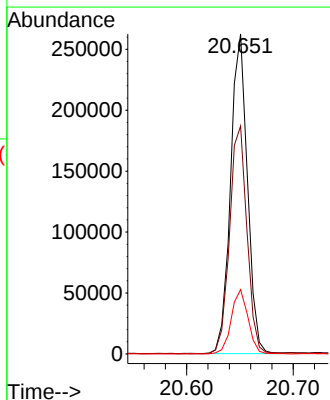
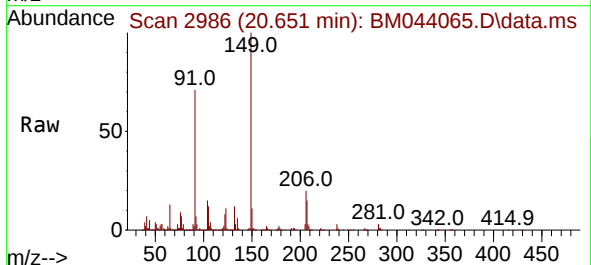
Manual Integrations
APPROVED

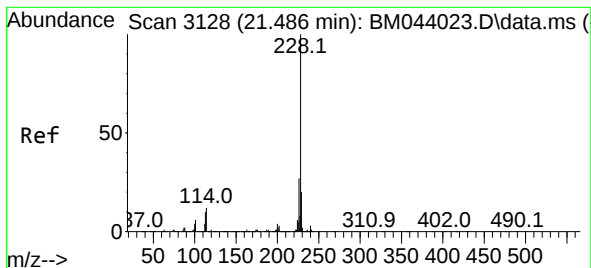
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024



#80
Butylbenzylphthalate
Concen: 4.524 ng
RT: 20.651 min Scan# 2986
Delta R.T. 0.000 min
Lab File: BM044065.D
Acq: 12 Feb 2024 20:08

Tgt Ion:149 Resp: 288434
Ion Ratio Lower Upper
149 100
91 71.2 56.8 85.2
206 20.1 15.0 22.6





#81

Benzo(a)anthracene

Concen: 6.082 ng

RT: 21.486 min Scan# 3128

Delta R.T. 0.000 min

Lab File: BM044065.D

Acq: 12 Feb 2024 20:08

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2024

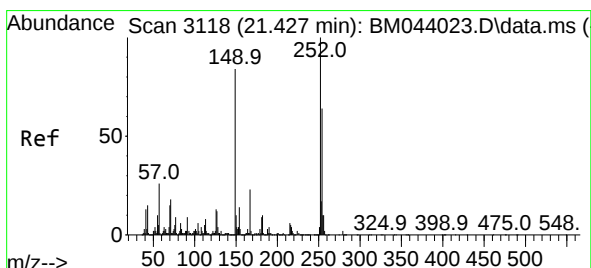
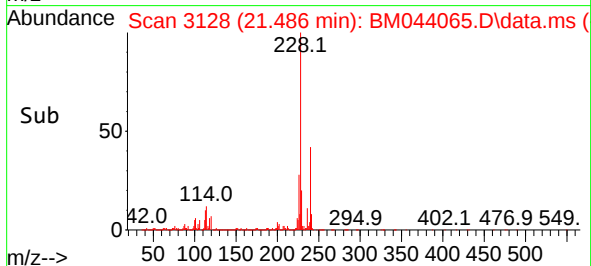
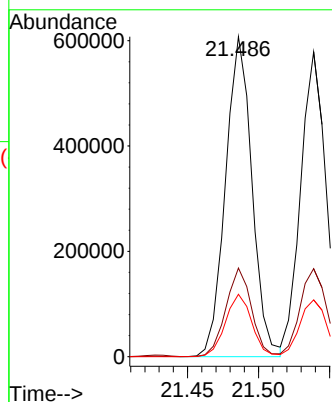
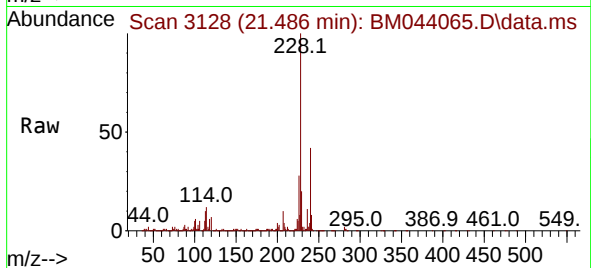
Tgt Ion:	228	Resp:	787829
Ion Ratio	Lower	Upper	
228	100		
226	27.7	21.4	32.2
229	19.5	15.9	23.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/14/2024

Supervised By :mohammad ahmed 02/14/2024



#82

3,3'-Dichlorobenzidine

Concen: 5.987 ng

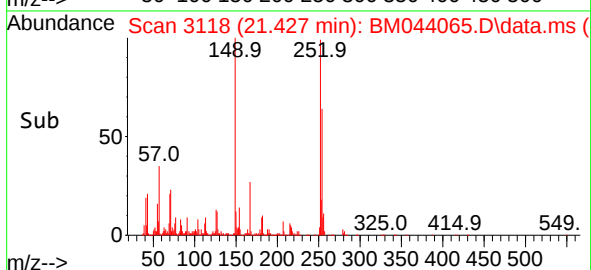
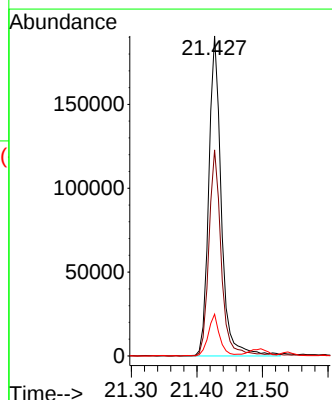
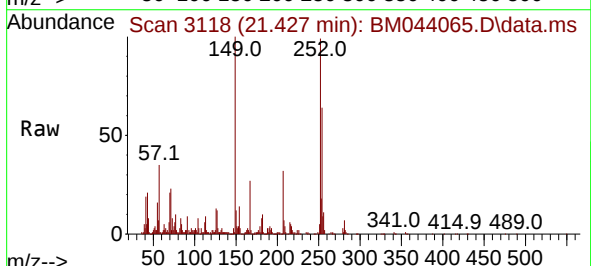
RT: 21.427 min Scan# 3118

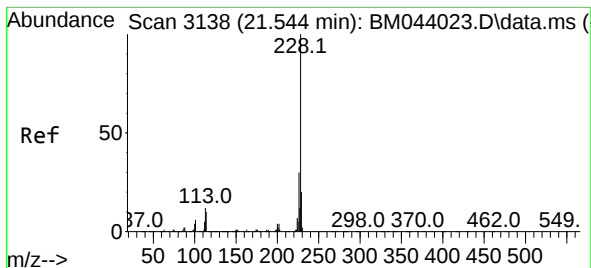
Delta R.T. 0.000 min

Lab File: BM044065.D

Acq: 12 Feb 2024 20:08

Tgt Ion:	252	Resp:	254450
Ion Ratio	Lower	Upper	
252	100		
254	64.4	51.2	76.8
126	13.1	10.2	15.4





#83

Chrysene

Concen: 5.926 ng

RT: 21.539 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BM044065.D

Acq: 12 Feb 2024 20:08

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2024

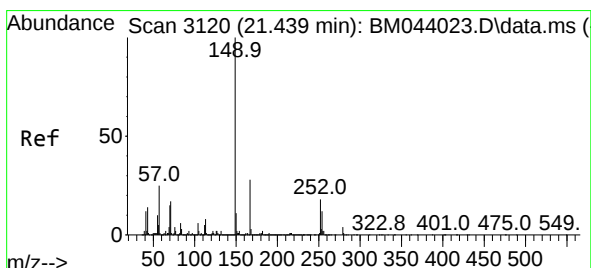
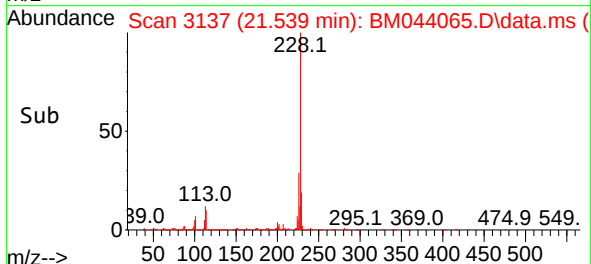
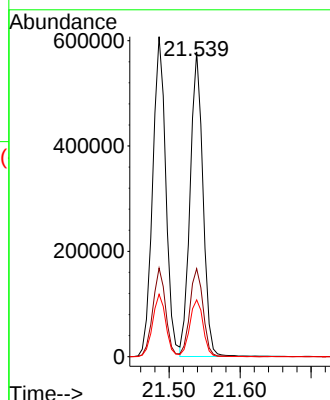
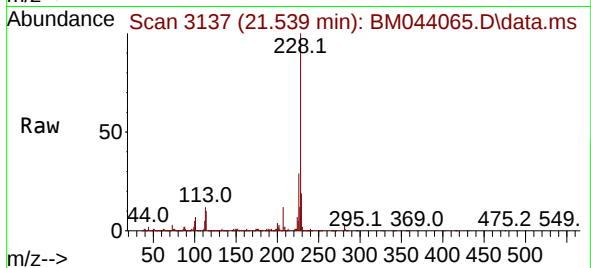
Tgt Ion:228 Resp: 725268
 Ion Ratio Lower Upper
 228 100
 226 28.9 24.2 36.2
 229 18.6 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/14/2024

Supervised By :mohammad ahmed 02/14/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.911 ng

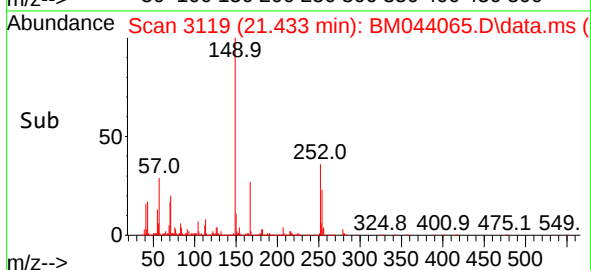
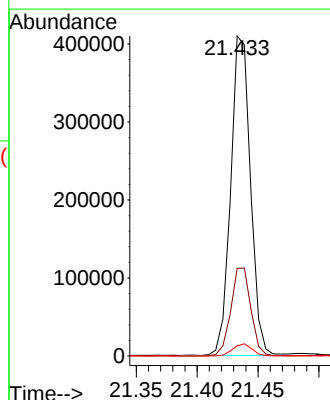
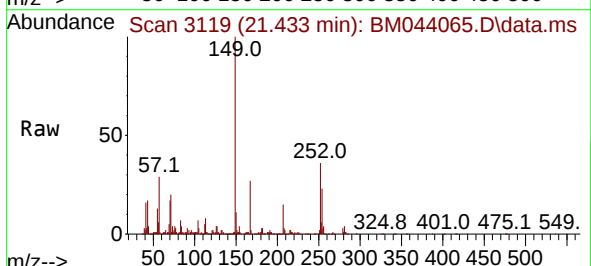
RT: 21.433 min Scan# 3119

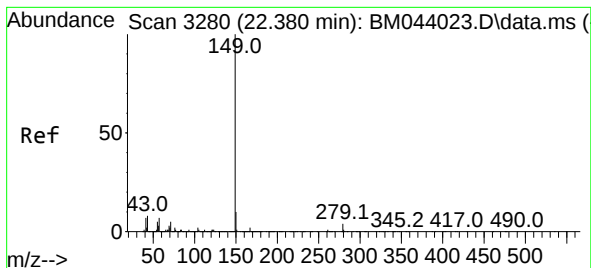
Delta R.T. -0.006 min

Lab File: BM044065.D

Acq: 12 Feb 2024 20:08

Tgt Ion:149 Resp: 461982
 Ion Ratio Lower Upper
 149 100
 167 27.3 22.6 33.8
 279 3.2 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 4.303 ng

RT: 22.374 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM044065.D

Acq: 12 Feb 2024 20:08

Instrument :

BNA_M

ClientSampleId :

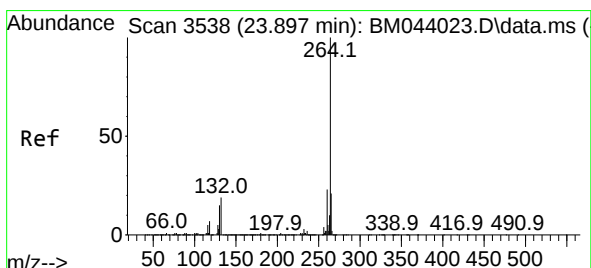
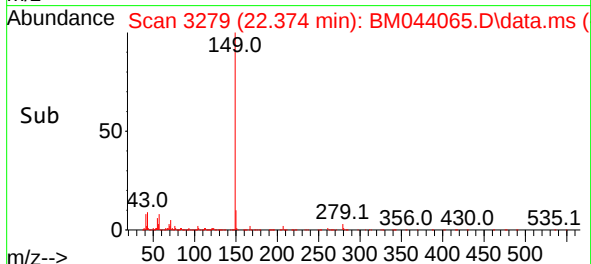
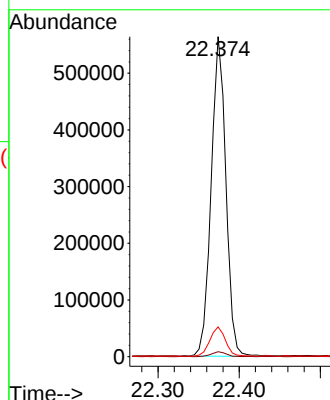
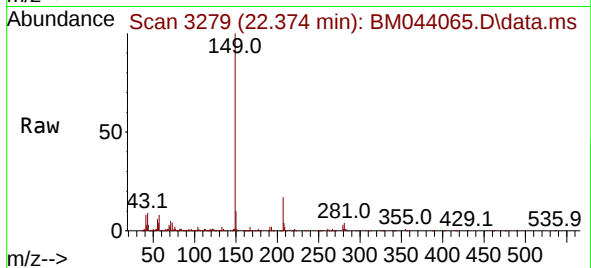
MDL-WATER-03-QT1-2024

Tgt Ion:149	Resp: 70695
Ion Ratio	Lower Upper
149 100	
167 1.6	1.2 1.8
43 9.5	7.0 10.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/14/2024

Supervised By :mohammad ahmed 02/14/2024



#86

Perylene-d12

Concen: 20.000 ng

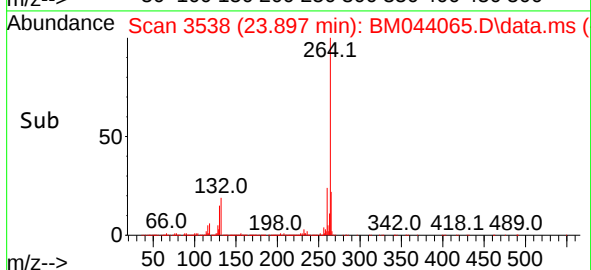
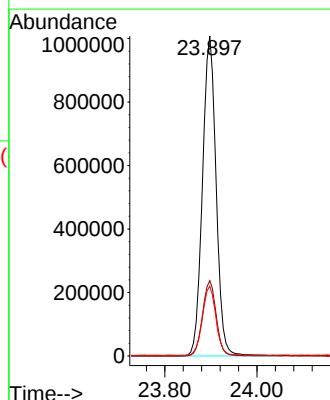
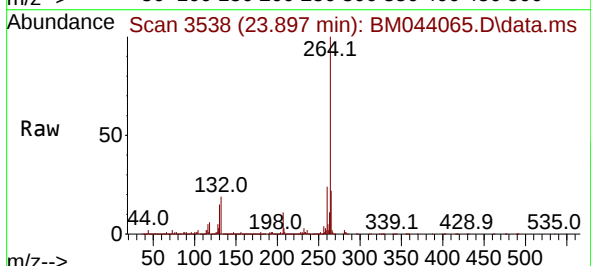
RT: 23.897 min Scan# 3538

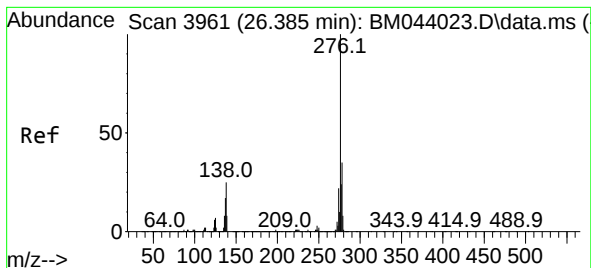
Delta R.T. 0.000 min

Lab File: BM044065.D

Acq: 12 Feb 2024 20:08

Tgt Ion:264	Resp: 2084275
Ion Ratio	Lower Upper
264 100	
260 23.5	18.8 28.2
265 21.8	17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 5.808 ng

RT: 26.374 min Scan# 3959

Delta R.T. -0.012 min

Lab File: BM044065.D

Acq: 12 Feb 2024 20:08

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2024

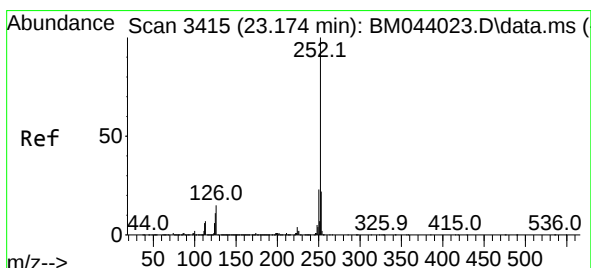
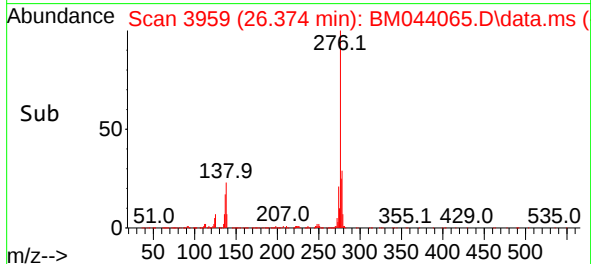
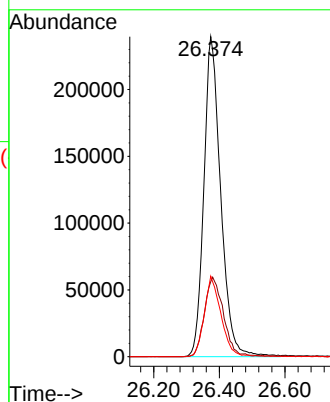
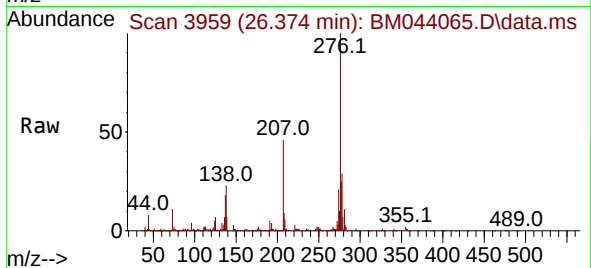
Tgt Ion:	276	Resp:	85679
Ion Ratio	Lower	Upper	
276	100		
138	28.1	22.6	34.0
277	24.7	20.2	30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/14/2024

Supervised By :mohammad ahmed 02/14/2024



#88

Benzo(b)fluoranthene

Concen: 5.706 ng

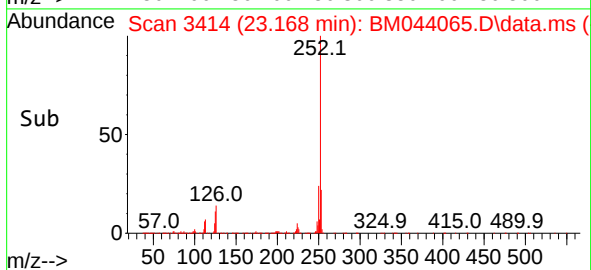
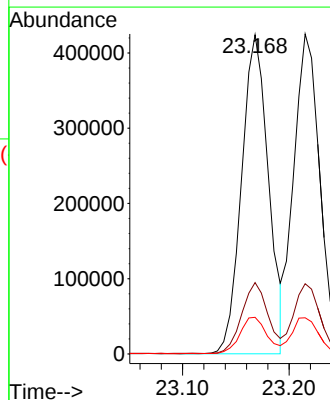
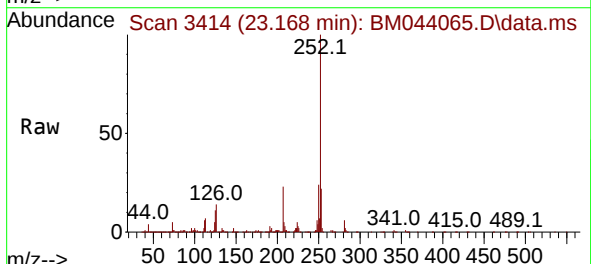
RT: 23.168 min Scan# 3414

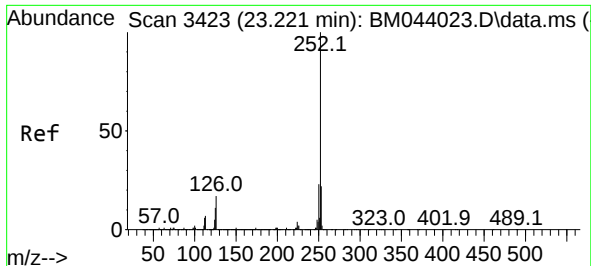
Delta R.T. -0.006 min

Lab File: BM044065.D

Acq: 12 Feb 2024 20:08

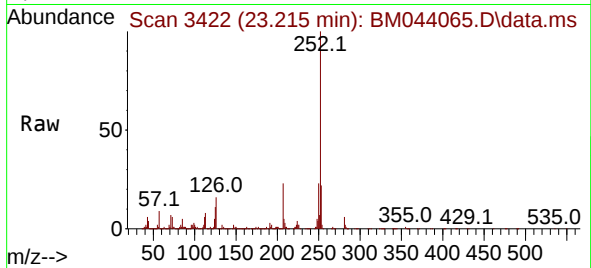
Tgt Ion:	252	Resp:	743465
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.6	26.4
125	11.5	8.8	13.2





#89
Benzo(k)fluoranthene
Concen: 5.942 ng
RT: 23.215 min Scan# 3423
Delta R.T. -0.006 min
Lab File: BM044065.D
Acq: 12 Feb 2024 20:08

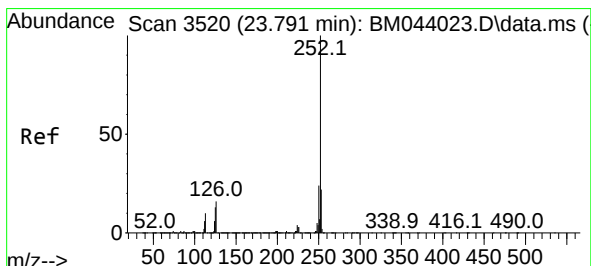
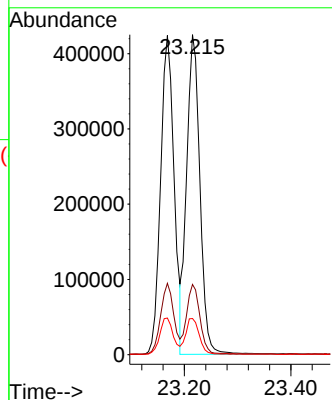
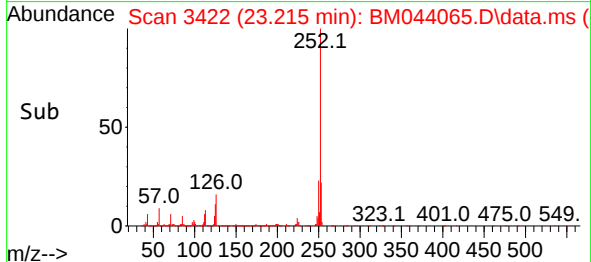
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2024



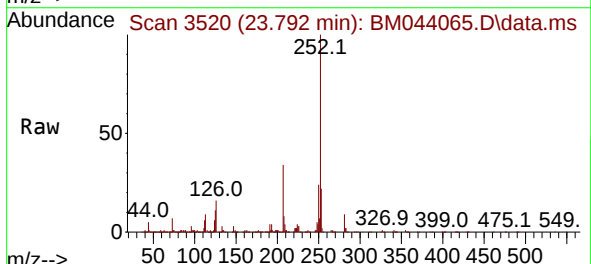
Tgt Ion:252 Resp: 735700
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 11.3 9.0 13.4

Manual Integrations
APPROVED

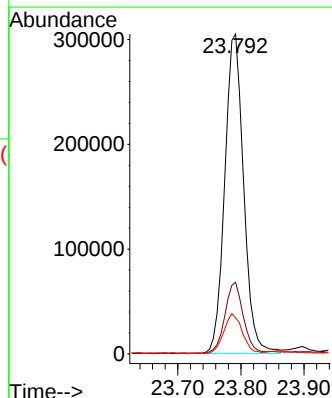
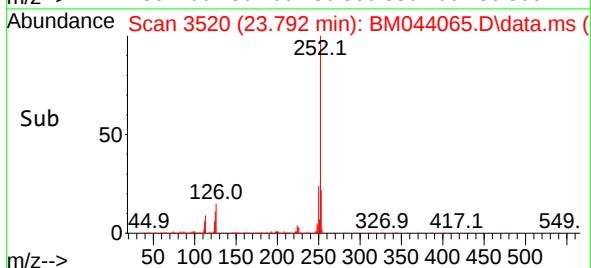
Reviewed By :Yogesh Patel 02/14/2024
Supervised By :mohammad ahmed 02/14/2024

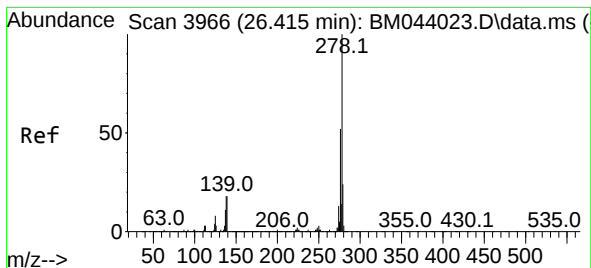


#90
Benzo(a)pyrene
Concen: 5.570 ng
RT: 23.792 min Scan# 3520
Delta R.T. 0.000 min
Lab File: BM044065.D
Acq: 12 Feb 2024 20:08



Tgt Ion:252 Resp: 633899
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 11.3 10.1 15.1





#91

Dibenzo(a,h)anthracene

Concen: 5.887 ng

RT: 26.403 min Scan# 3966

Delta R.T. -0.012 min

Lab File: BM044065.D

Acq: 12 Feb 2024 20:08

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2024

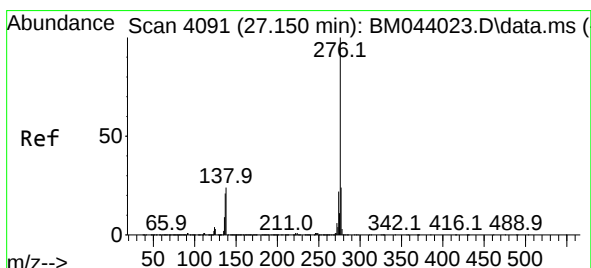
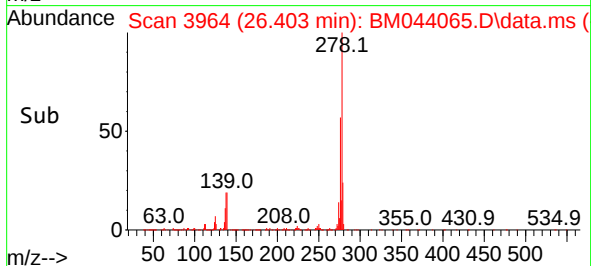
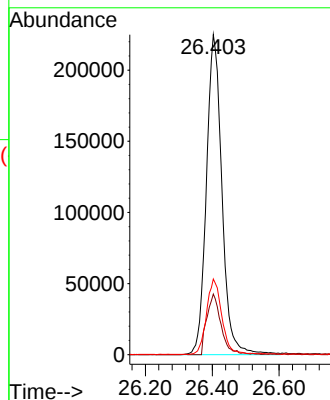
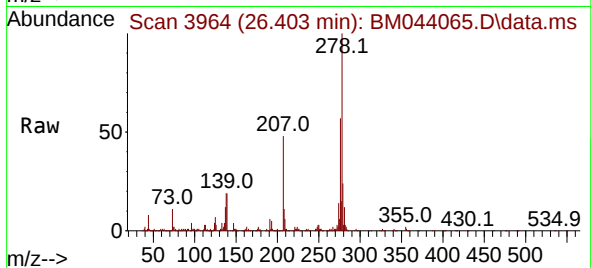
Tgt Ion:	278	Resp:	72645
Ion Ratio	Lower	Upper	
278	100		
139	19.0	14.5	21.7
279	23.6	18.9	28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/14/2024

Supervised By :mohammad ahmed 02/14/2024



#92

Benzo(g,h,i)perylene

Concen: 5.568 ng

RT: 27.132 min Scan# 4088

Delta R.T. -0.017 min

Lab File: BM044065.D

Acq: 12 Feb 2024 20:08

Tgt Ion:	276	Resp:	696829
Ion Ratio	Lower	Upper	
276	100		
277	23.3	19.0	28.4
138	24.4	19.1	28.7

