

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031722\
 Data File : BM034273.D
 Acq On : 17 Mar 2022 13:06
 Operator : CG/JU
 Sample : N1645-09
 Misc : MDL-MDL-WATER 4ppm
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT1-2022

Quant Time: Mar 17 13:35:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 16 02:38:26 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 03/21/2022
 Supervised By : Jagrut Upadhyay 03/22/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.948	152	158105	20.000	ng	0.00
21) Naphthalene-d8	10.760	136	679560	20.000	ng	0.00
39) Acenaphthene-d10	14.583	164	462220	20.000	ng	0.00
64) Phenanthrene-d10	17.324	188	967547	20.000	ng	0.00
76) Chrysene-d12	21.494	240	955199	20.000	ng	0.00
86) Perylene-d12	23.912	264	894838	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.495	112	1580807	179.369	ng	0.00
7) Phenol-d6	7.107	99	2233217	176.981	ng	0.00
23) Nitrobenzene-d5	9.107	82	1308195	93.725	ng	0.00
42) 2,4,6-Tribromophenol	16.071	330	1141021	183.145	ng	0.00
45) 2-Fluorobiphenyl	13.219	172	3185435	94.173	ng	0.00
79) Terphenyl-d14	19.947	244	5274192	95.943	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.354	88	16791	4.211	ng	95
3) Pyridine	3.772	79	40450	3.749	ng	# 90
4) n-Nitrosodimethylamine	3.672	42	21439	4.185	ng	# 86
6) Aniline	7.266	93	67092	4.653	ng	98
8) 2-Chlorophenol	7.507	128	43656	4.235	ng	99
9) Benzaldehyde	7.072	77	44917m	6.607	ng	
10) Phenol	7.131	94	55412	4.415	ng	93
11) bis(2-Chloroethyl)ether	7.360	93	46203	4.485	ng	99
12) 1,3-Dichlorobenzene	7.836	146	52025	4.449	ng	99
13) 1,4-Dichlorobenzene	7.984	146	52093	4.352	ng	98
14) 1,2-Dichlorobenzene	8.301	146	50145	4.297	ng	99
15) Benzyl Alcohol	8.184	79	37849	3.769	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.478	45	62625	4.430	ng	98
17) 2-Methylphenol	8.384	107	35136	3.997	ng	99
18) Hexachloroethane	9.036	117	18422	4.173	ng	92
19) n-Nitroso-di-n-propyla...	8.754	70	38762	4.247	ng	98
20) 3+4-Methylphenols	8.713	107	45866	3.773	ng	97
22) Acetophenone	8.766	105	75013	4.301	ng	96
24) Nitrobenzene	9.148	77	61240	4.699	ng	99
25) Isophorone	9.678	82	102467	4.387	ng	99
26) 2-Nitrophenol	9.866	139	19457	3.367	ng	97
27) 2,4-Dimethylphenol	9.925	122	38841	4.292	ng	94
28) bis(2-Chloroethoxy)met...	10.160	93	60024	4.014	ng	99
29) 2,4-Dichlorophenol	10.401	162	37928	3.607	ng	99
30) 1,2,4-Trichlorobenzene	10.625	180	49178	4.115	ng	95
31) Naphthalene	10.807	128	150614	4.254	ng	100
32) Benzoic acid	9.983	122	16242m	2.171	ng	
33) 4-Chloroaniline	10.913	127	51545	3.691	ng	98
34) Hexachlorobutadiene	11.107	225	30757	4.063	ng	96
35) Caprolactam	11.666	113	12308	3.368	ng	92
36) 4-Chloro-3-methylphenol	12.036	107	44041	3.655	ng	99
37) 2-Methylnaphthalene	12.419	142	108369	4.290	ng	98
38) 1-Methylnaphthalene	12.636	142	105670	4.276	ng	97
40) 1,2,4,5-Tetrachloroben...	12.789	216	57421	4.117	ng	99
41) Hexachlorocyclopentadiene	12.771	237	34165	4.230	ng	98
43) 2,4,6-Trichlorophenol	13.019	196	32951	3.422	ng	99

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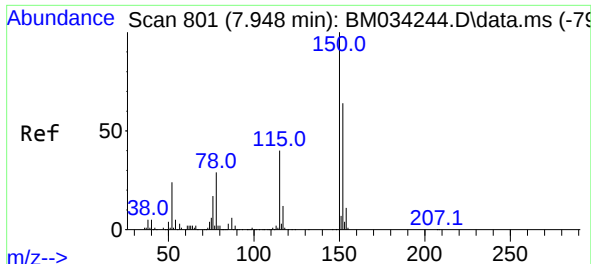
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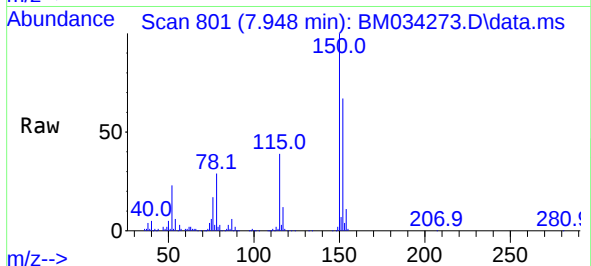
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.089	196	36139	3.496	ng	95
46) 1,1'-Biphenyl	13.424	154	151468	4.298	ng	97
47) 2-Chloronaphthalene	13.466	162	111173	4.110	ng	99
48) 2-Nitroaniline	13.660	65	25519	3.086	ng	96
49) Acenaphthylene	14.307	152	178488	4.233	ng	99
50) Dimethylphthalate	14.036	163	147184	4.184	ng	99
51) 2,6-Dinitrotoluene	14.154	165	27133	3.760	ng	95
52) Acenaphthene	14.648	154	111984	3.943	ng	99
53) 3-Nitroaniline	14.483	138	19423	2.683	ng #	97
55) Dibenzofuran	14.983	168	173658	4.103	ng	100
56) 4-Nitrophenol	14.783	139	13072m	2.227	ng	
57) 2,4-Dinitrotoluene	14.936	165	33182	3.402	ng	90
58) Fluorene	15.630	166	142698	4.153	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.207	232	33942	3.641	ng	99
60) Diethylphthalate	15.401	149	148276	4.108	ng	99
61) 4-Chlorophenyl-phenyle...	15.624	204	72396	4.127	ng	99
62) 4-Nitroaniline	15.636	138	17755m	2.549	ng	
63) Azobenzene	15.918	77	135552	3.895	ng	99
65) 4,6-Dinitro-2-methylph...	15.701	198	15441	2.454	ng	96
66) n-Nitrosodiphenylamine	15.836	169	120896	3.933	ng	97
67) 4-Bromophenyl-phenylether	16.512	248	43310	3.894	ng	98
68) Hexachlorobenzene	16.636	284	51958	4.188	ng	99
69) Atrazine	16.777	200	42060	4.151	ng	96
70) Pentachlorophenol	16.977	266	26066	3.286	ng	97
71) Phenanthrene	17.365	178	222079	4.099	ng	99
72) Anthracene	17.459	178	211893	4.018	ng	99
73) Carbazole	17.724	167	165584	3.366	ng	99
74) Di-n-butylphthalate	18.295	149	231068	3.779	ng	99
75) Fluoranthene	19.377	202	247151	4.069	ng	100
77) Benzidine	19.565	184	47937m	3.425	ng	
78) Pyrene	19.742	202	266400	3.958	ng	98
80) Butylbenzylphthalate	20.630	149	95574	3.358	ng	96
81) Benzo(a)anthracene	21.483	228	242167	4.017	ng	99
82) 3,3'-Dichlorobenzidine	21.418	252	71230	3.537	ng	100
83) Chrysene	21.530	228	256092	4.160	ng	98
84) Bis(2-ethylhexyl)phtha...	21.412	149	149170	3.549	ng	100
85) Di-n-octyl phthalate	22.336	149	242936	3.641	ng	99
87) Indeno(1,2,3-cd)pyrene	26.424	276	177345	3.081	ng	99
88) Benzo(b)fluoranthene	23.171	252	221617	4.142	ng	98
89) Benzo(k)fluoranthene	23.224	252	221596	3.909	ng	100
90) Benzo(a)pyrene	23.800	252	196484	4.331	ng	98
91) Dibenzo(a,h)anthracene	26.441	278	159283	3.413	ng	96
92) Benzo(g,h,i)perylene	27.194	276	170612	3.532	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.948 min Scan# 801
Delta R.T. 0.000 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06

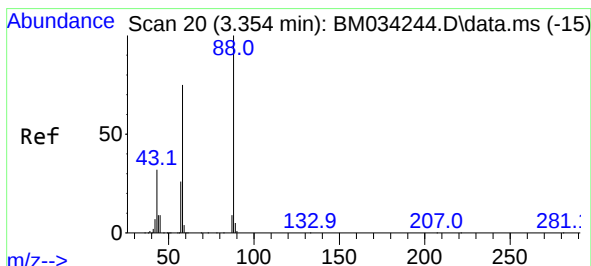
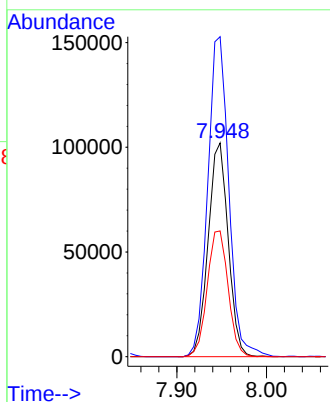
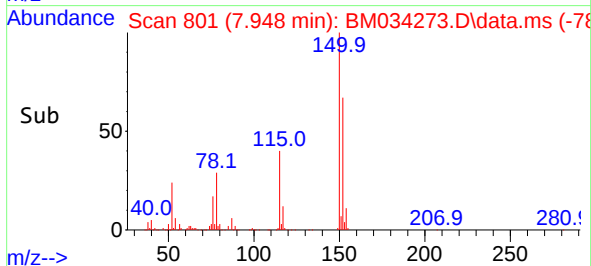
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2022



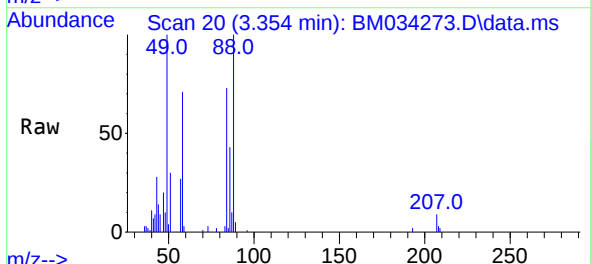
Tgt Ion:152 Resp: 15810
Ion Ratio Lower Upper
152 100
150 149.7 125.4 188.2
115 58.9 50.1 75.1

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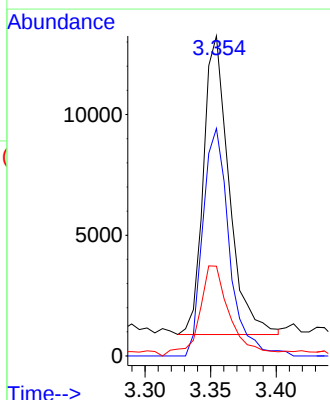
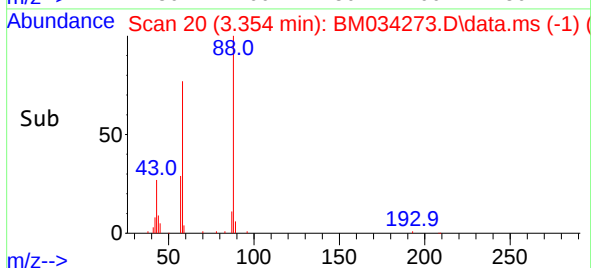
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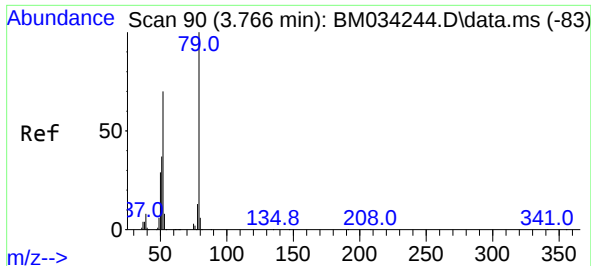


#2
1,4-Dioxane
Concen: 4.211 ng
RT: 3.354 min Scan# 20
Delta R.T. 0.000 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06



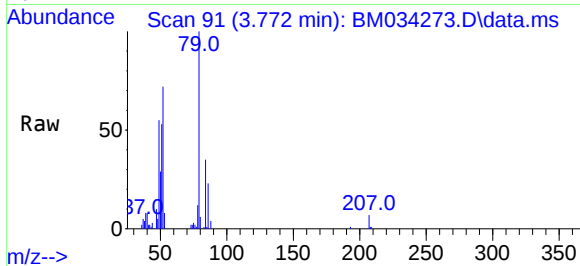
Tgt Ion: 88 Resp: 16791
Ion Ratio Lower Upper
88 100
58 79.0 60.4 90.6
43 35.9 25.4 38.0





#3
Pyridine
Concen: 3.749 ng
RT: 3.772 min Scan# 91
Delta R.T. 0.006 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06

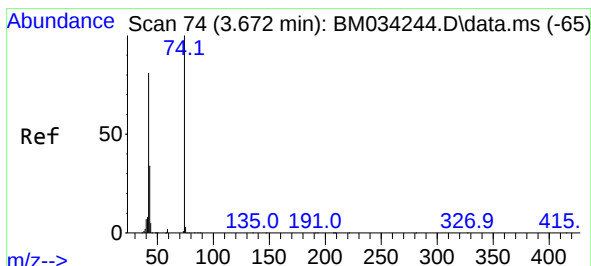
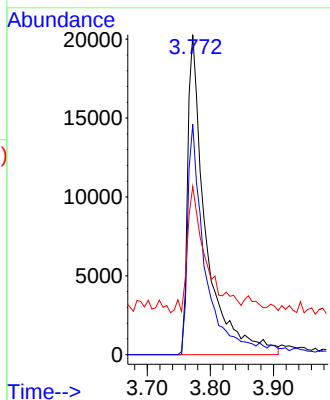
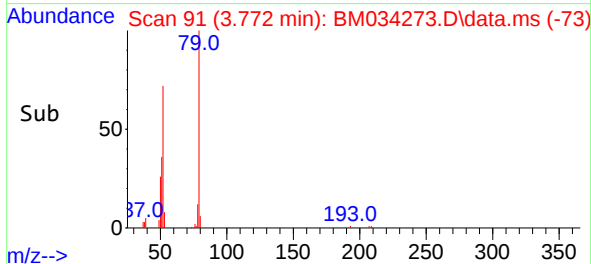
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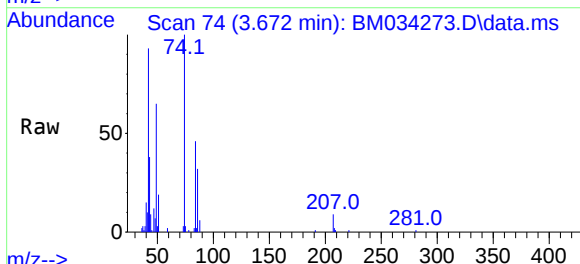
Tgt Ion: 79 Resp: 40450
Ion Ratio Lower Upper
79 100
52 72.0 56.1 84.1
51 52.6 30.4 45.6

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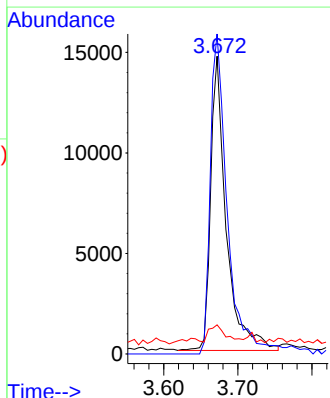
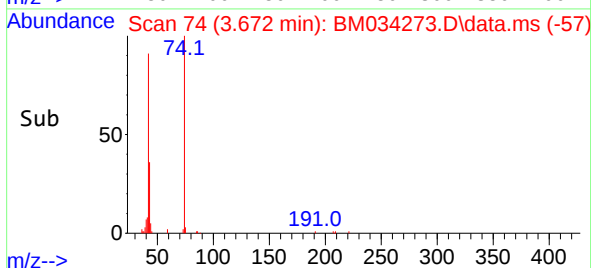
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Supervised By :Jagrut Upadhyay 03/22/2022

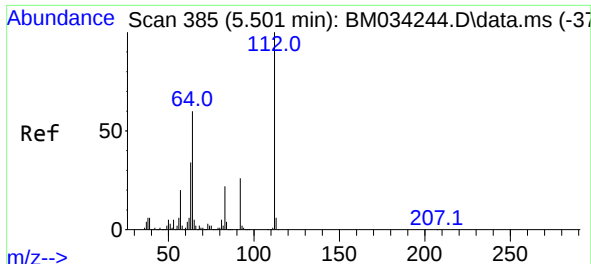


#4
n-Nitrosodimethylamine
Concen: 4.185 ng
RT: 3.672 min Scan# 74
Delta R.T. -0.000 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06



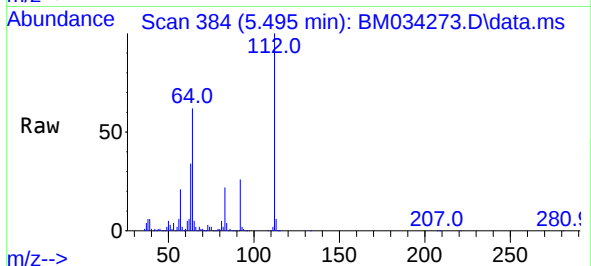
Tgt Ion: 42 Resp: 21439
Ion Ratio Lower Upper
42 100
74 107.5 99.3 148.9
44 9.8 5.0 7.6





#5
2-Fluorophenol
Concen: 179.369 ng
RT: 5.495 min Scan# 385
Delta R.T. -0.006 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06

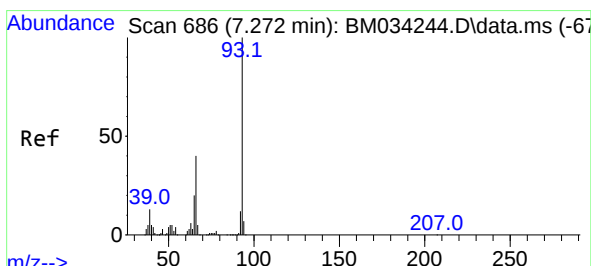
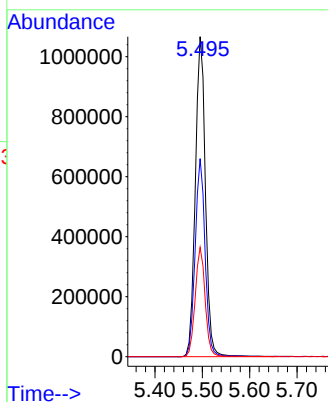
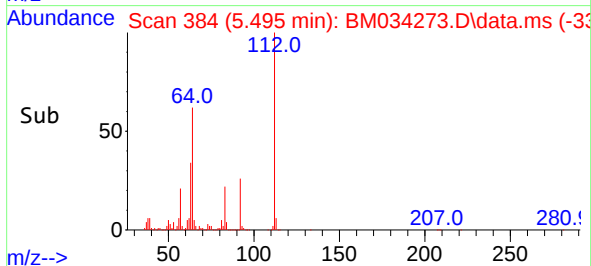
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2022



Tgt Ion: 112 Resp: 158080
Ion Ratio Lower Upper
112 100
64 61.9 47.9 71.9
63 34.2 27.1 40.7

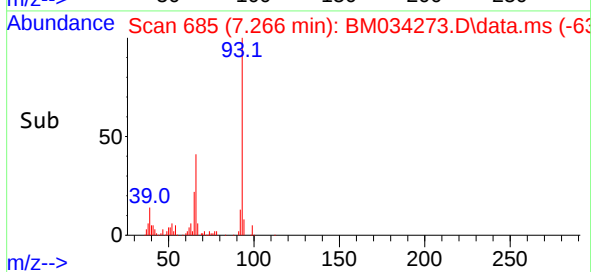
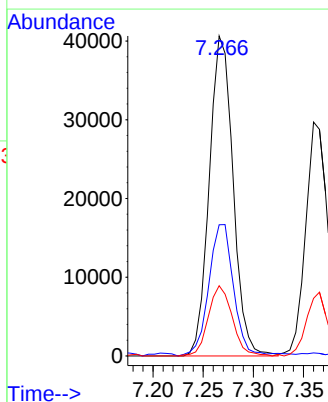
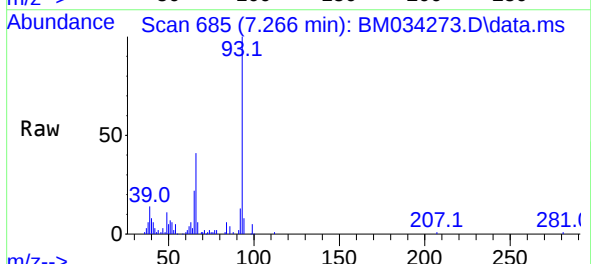
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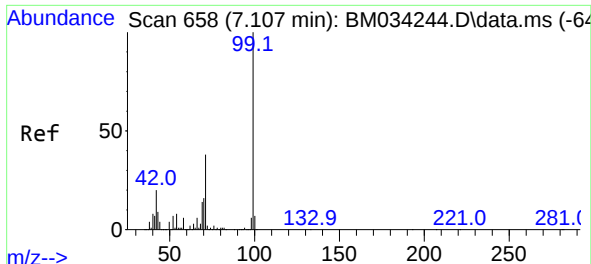
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#6
Aniline
Concen: 4.653 ng
RT: 7.266 min Scan# 685
Delta R.T. -0.006 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06

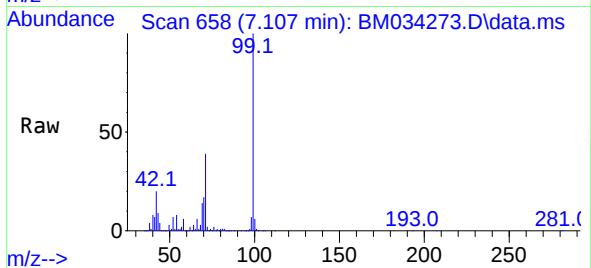
Tgt Ion: 93 Resp: 67092
Ion Ratio Lower Upper
93 100
66 41.0 31.9 47.9
65 22.0 16.2 24.4





#7
Phenol-d6
Concen: 176.981 ng
RT: 7.107 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06

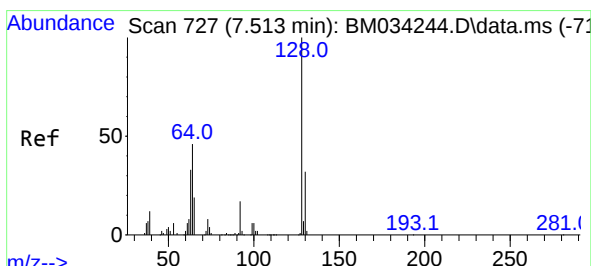
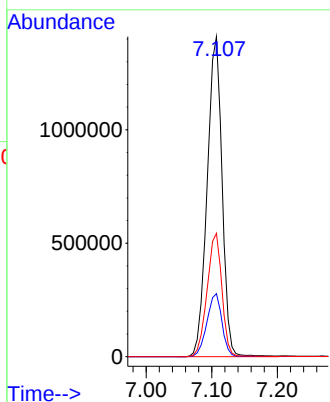
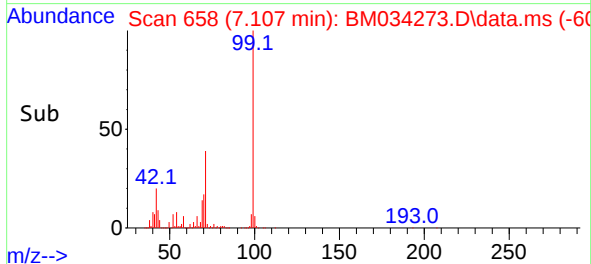
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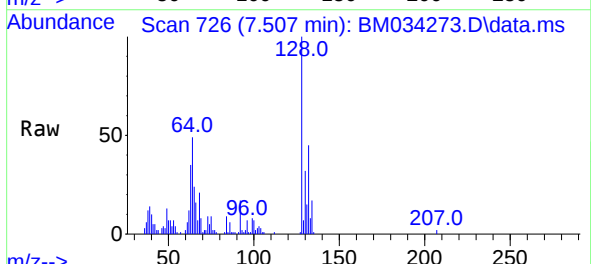
Tgt Ion: 99 Resp: 223321
Ion Ratio Lower Upper
99 100
42 19.7 15.6 23.4
71 38.6 30.6 46.0

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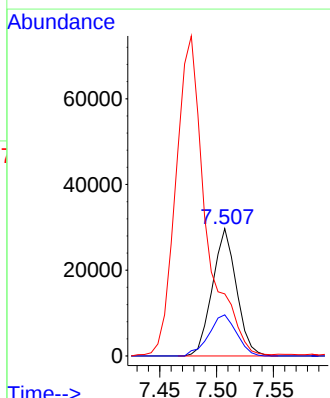
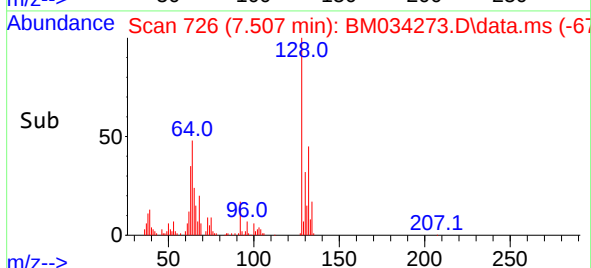
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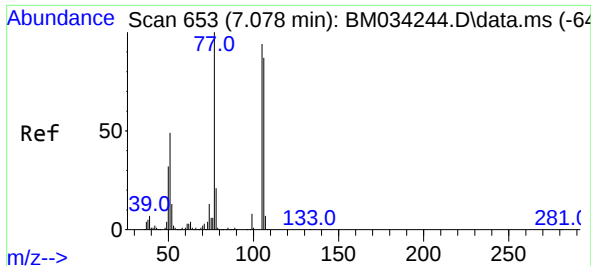


#8
2-Chlorophenol
Concen: 4.235 ng
RT: 7.507 min Scan# 726
Delta R.T. -0.006 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06



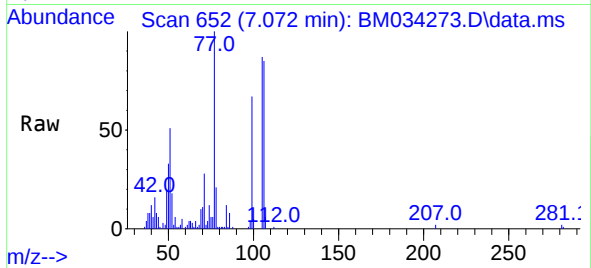
Tgt Ion:128 Resp: 43656
Ion Ratio Lower Upper
128 100
130 32.3 12.3 52.3
64 48.7 28.1 68.1





#9
Benzaldehyde
Concen: 6.607 ng m
RT: 7.072 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06

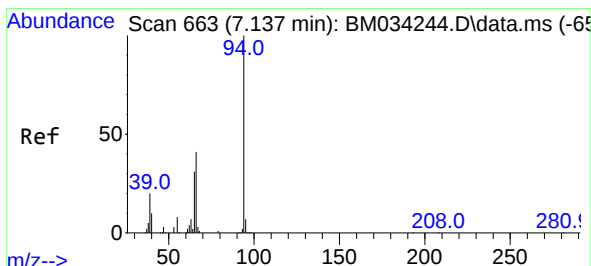
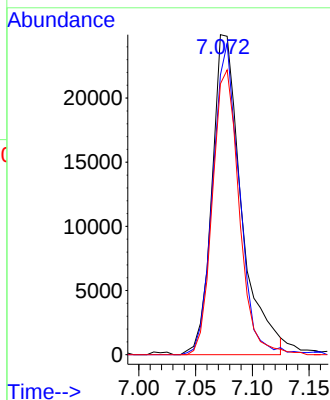
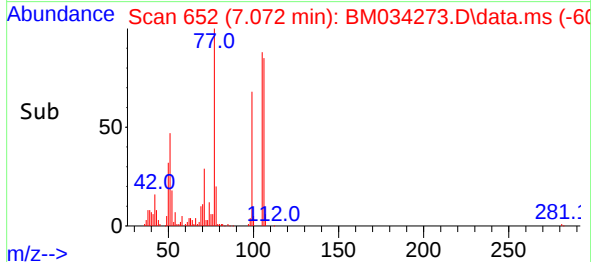
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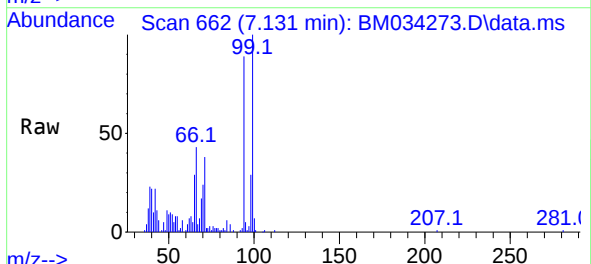
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Ion Ratio Lower Upper
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105 87.5 73.9 113.9
106 84.6 67.2 107.2

Manual Integrations
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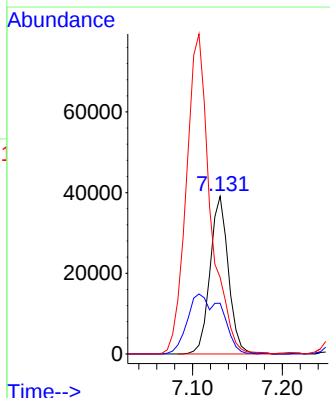
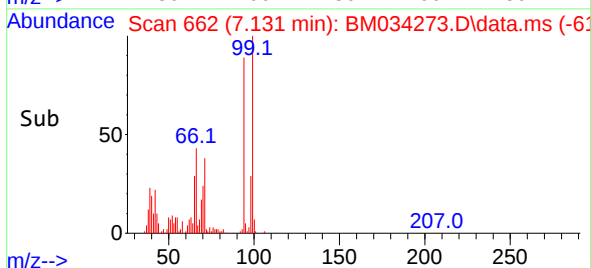
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

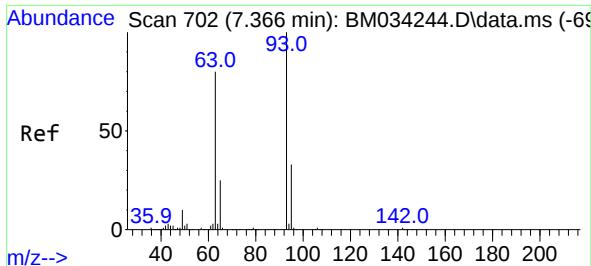


#10
Phenol
Concen: 4.415 ng
RT: 7.131 min Scan# 662
Delta R.T. -0.006 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06



Tgt Ion: 94 Resp: 55412
Ion Ratio Lower Upper
94 100
65 32.2 10.9 50.9
66 48.5 22.0 62.0





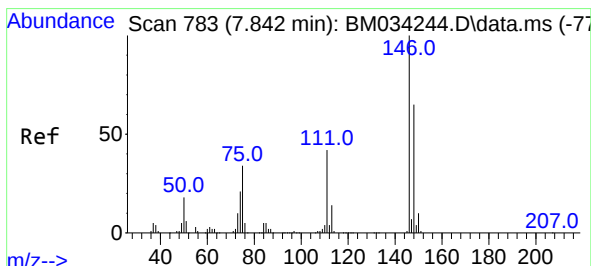
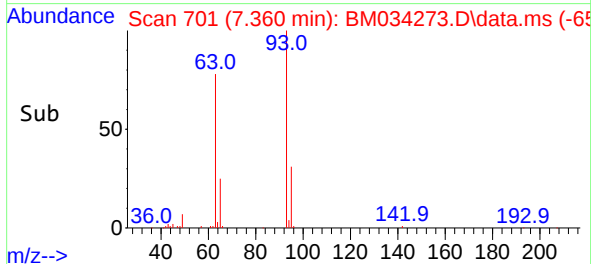
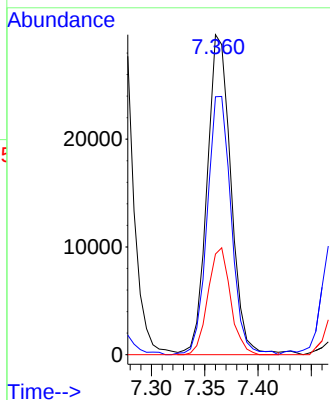
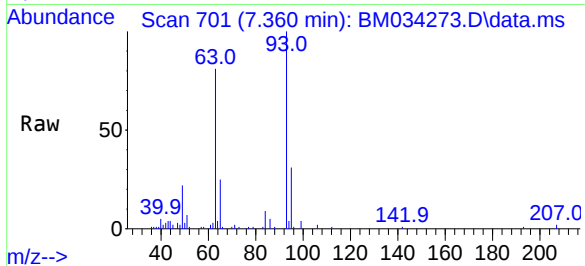
#11
bis(2-Chloroethyl)ether
Concen: 4.485 ng
RT: 7.360 min Scan# 702
Delta R.T. -0.006 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2022

Tgt Ion: 93 Resp: 4620
Ion Ratio Lower Upper
93 100
63 80.6 59.6 99.6
95 31.4 12.6 52.6

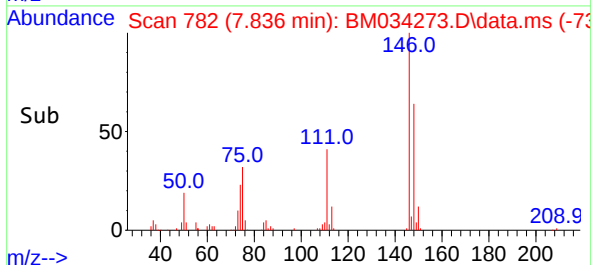
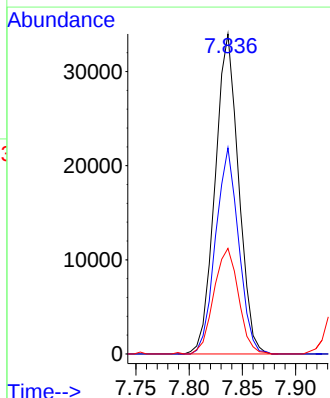
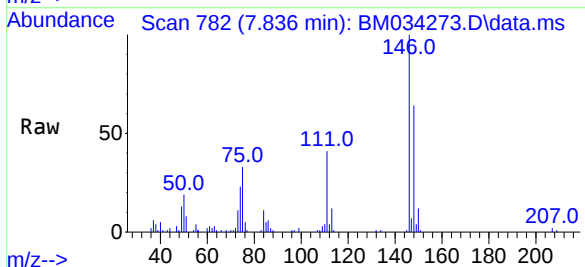
Manual Integrations
APPROVED

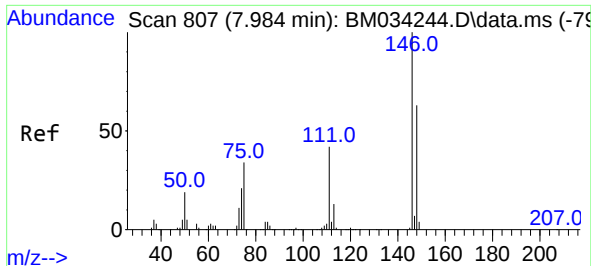
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#12
1,3-Dichlorobenzene
Concen: 4.449 ng
RT: 7.836 min Scan# 782
Delta R.T. -0.006 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06

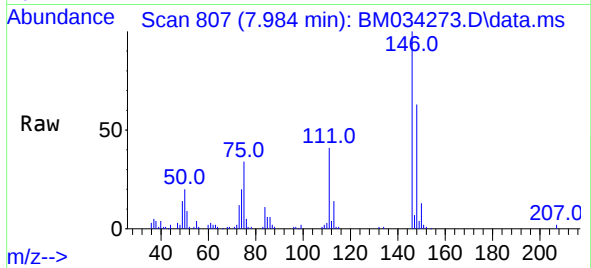
Tgt Ion:146 Resp: 52025
Ion Ratio Lower Upper
146 100
148 64.4 51.8 77.8
75 33.0 27.1 40.7





#13
1,4-Dichlorobenzene
Concen: 4.352 ng
RT: 7.984 min Scan# 807
Delta R.T. -0.000 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06

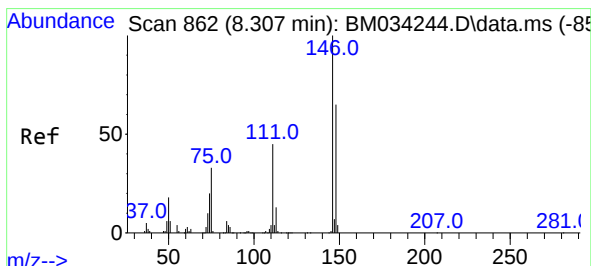
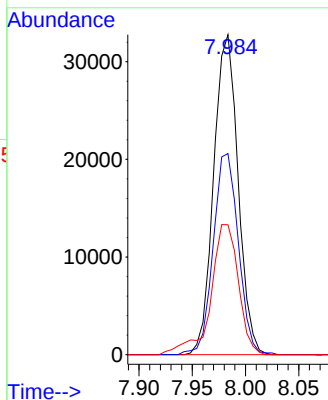
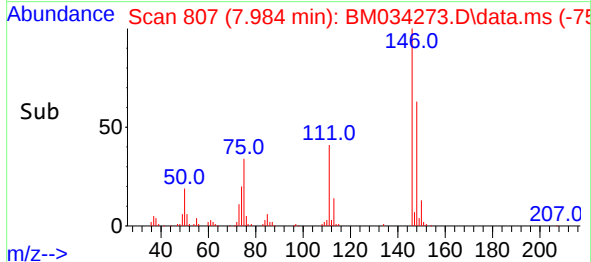
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2022



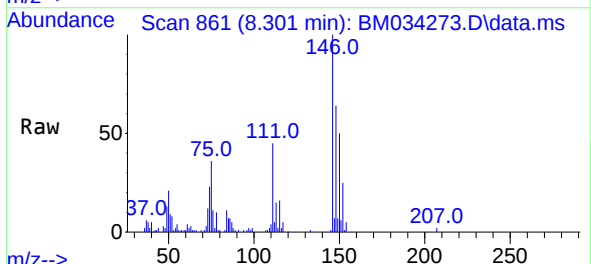
Tgt Ion:146 Resp: 52093
Ion Ratio Lower Upper
146 100
148 62.8 50.6 76.0
111 40.6 34.0 51.0

Manual Integrations
APPROVED

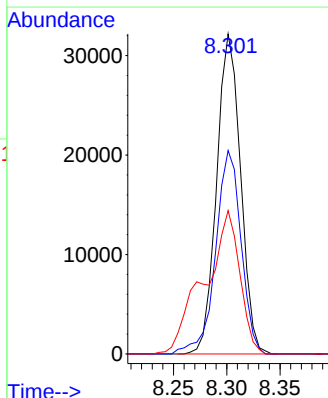
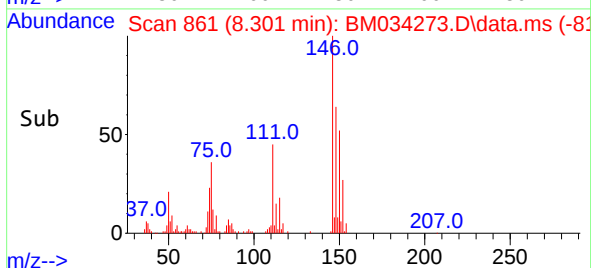
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

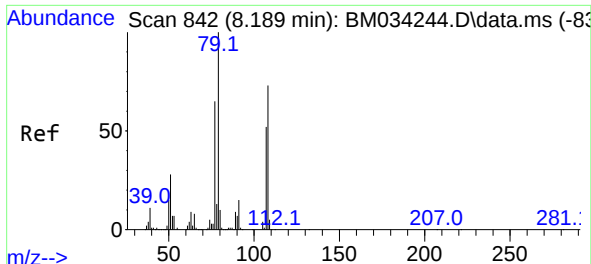


#14
1,2-Dichlorobenzene
Concen: 4.297 ng
RT: 8.301 min Scan# 861
Delta R.T. -0.006 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06



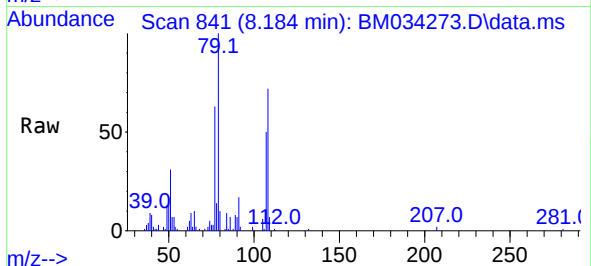
Tgt Ion:146 Resp: 50145
Ion Ratio Lower Upper
146 100
148 63.6 52.2 78.4
111 44.8 35.8 53.8





#15
Benzyl Alcohol
Concen: 3.769 ng
RT: 8.184 min Scan# 842
Delta R.T. -0.006 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06

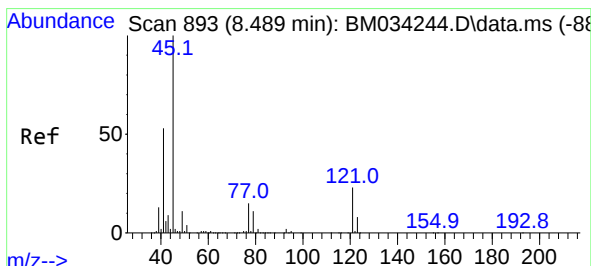
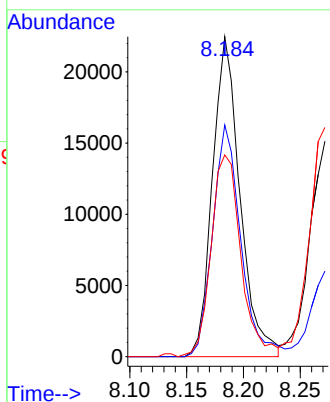
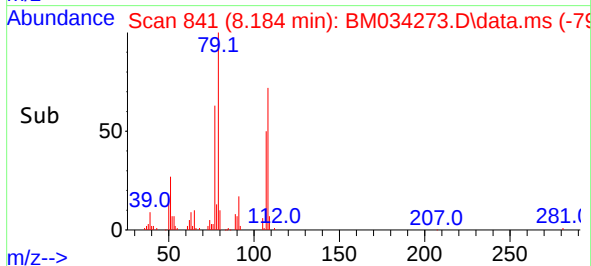
Instrument : BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2022



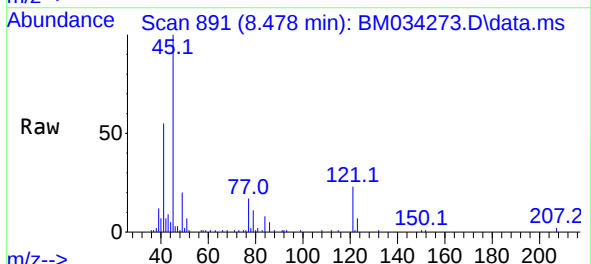
Tgt Ion: 79 Resp: 37849
Ion Ratio Lower Upper
79 100
108 72.4 58.1 87.1
77 63.1 51.8 77.6

Manual Integrations
APPROVED

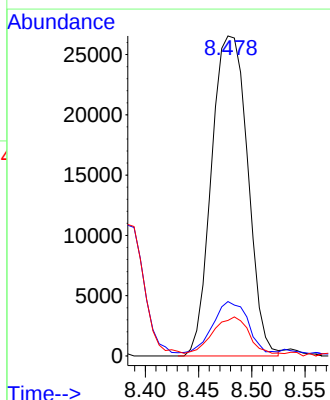
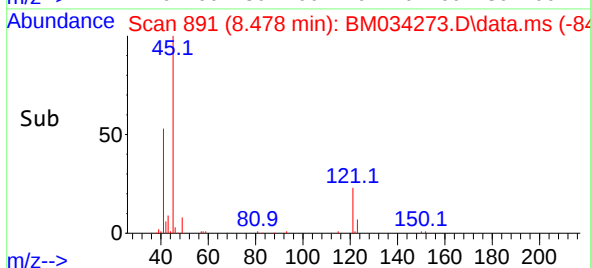
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

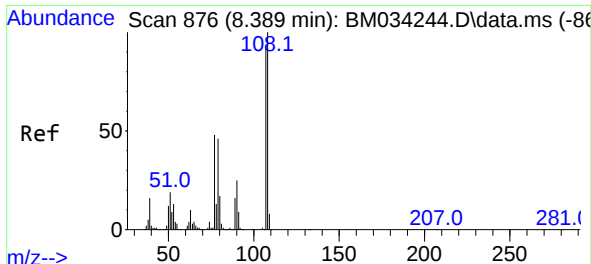


#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.430 ng
RT: 8.478 min Scan# 891
Delta R.T. -0.012 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06



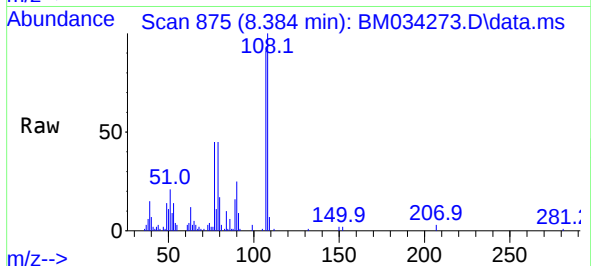
Tgt Ion: 45 Resp: 62625
Ion Ratio Lower Upper
45 100
77 17.0 0.0 35.7
79 11.1 0.0 31.7





#17
2-Methylphenol
Concen: 3.997 ng
RT: 8.384 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2022

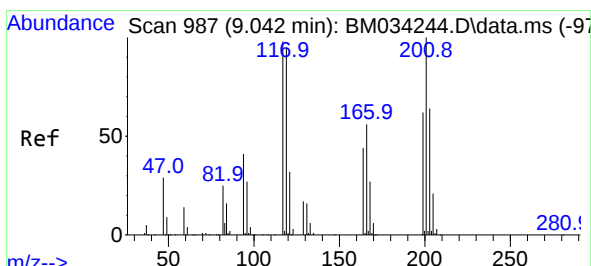
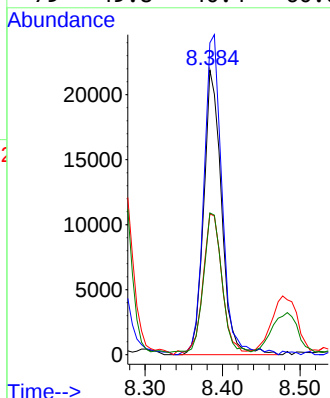
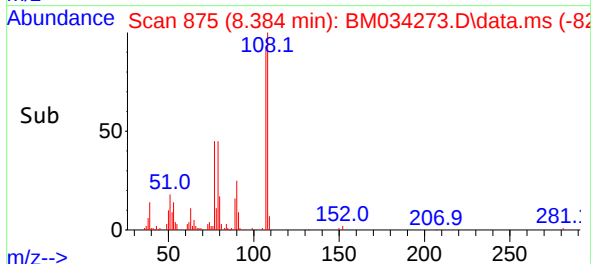


Tgt Ion:107 Resp: 35130

Ion	Ratio	Lower	Upper
107	100		
108	109.5	87.3	130.9
77	49.5	41.6	62.4
79	49.8	40.4	60.6

Manual Integrations
APPROVED

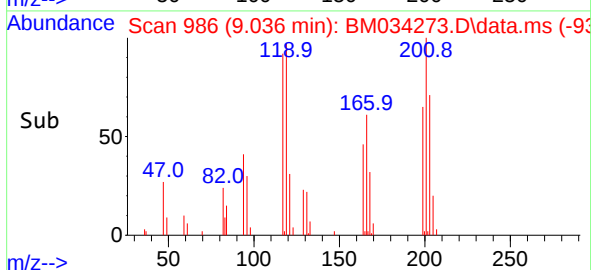
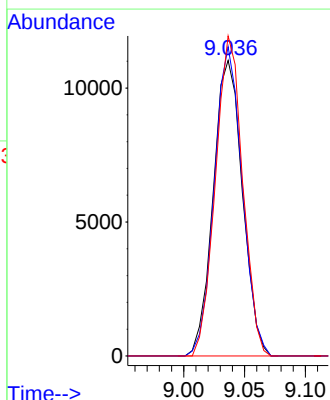
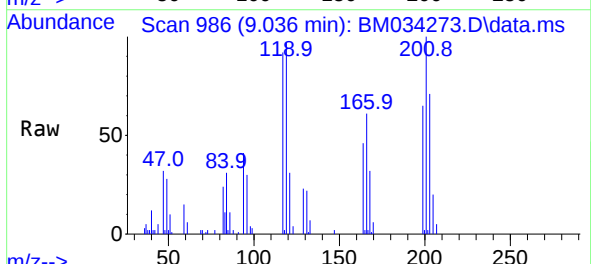
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

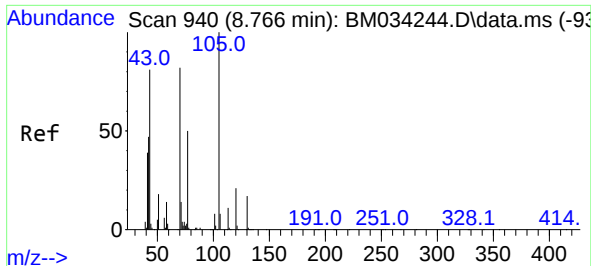


#18
Hexachloroethane
Concen: 4.173 ng
RT: 9.036 min Scan# 986
Delta R.T. -0.006 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06

Tgt Ion:117 Resp: 18422

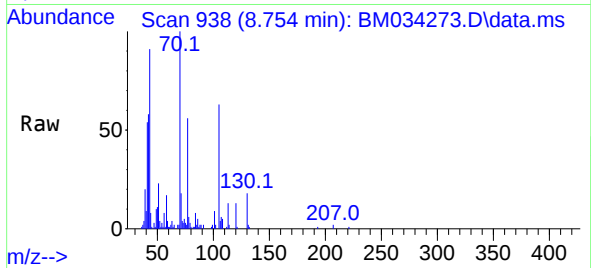
Ion	Ratio	Lower	Upper
117	100		
119	104.7	77.4	116.0
201	110.1	81.6	122.4





#19
n-Nitroso-di-n-propylamine
Concen: 4.247 ng
RT: 8.754 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06

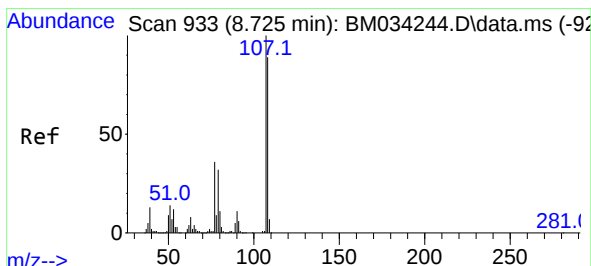
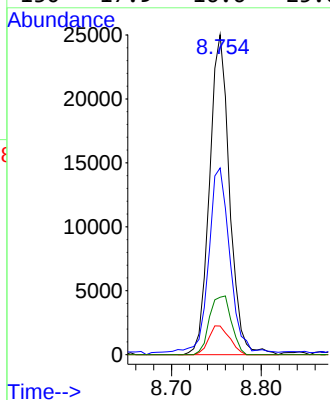
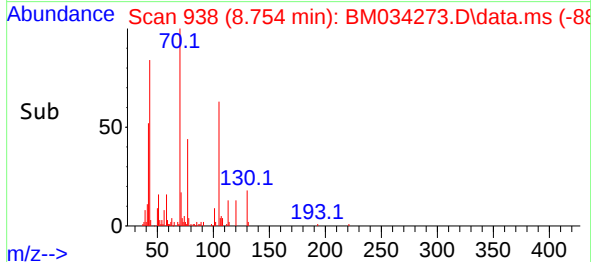
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2022



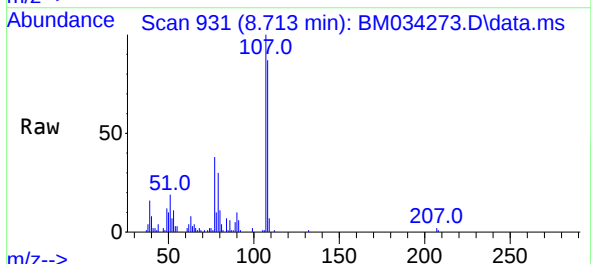
Tgt Ion: 70 Resp: 38762
Ion Ratio Lower Upper
70 100
42 58.3 46.7 70.1
101 8.9 7.8 11.6
130 17.9 16.6 25.0

Manual Integrations
APPROVED

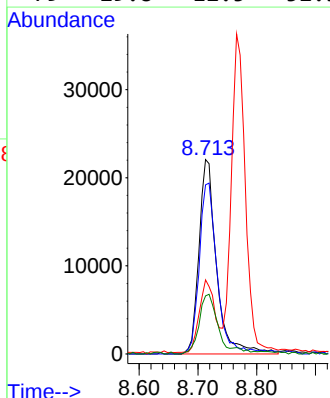
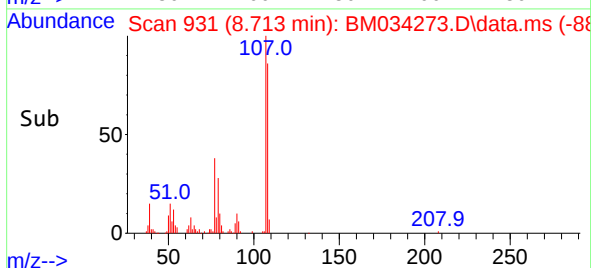
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

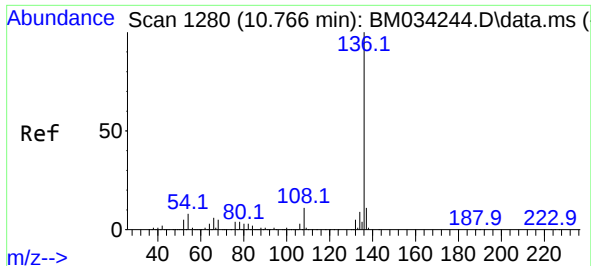


#20
3+4-Methylphenols
Concen: 3.773 ng
RT: 8.713 min Scan# 931
Delta R.T. -0.012 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06



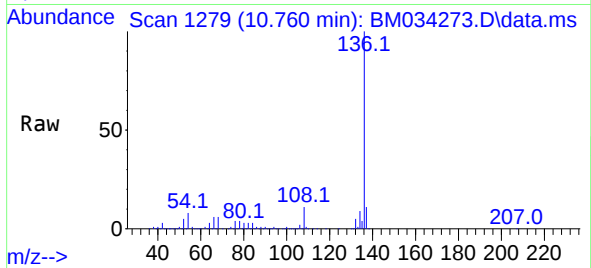
Tgt Ion:107 Resp: 45866
Ion Ratio Lower Upper
107 100
108 87.0 69.2 109.2
77 38.1 16.5 56.5
79 29.8 12.5 52.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.760 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06

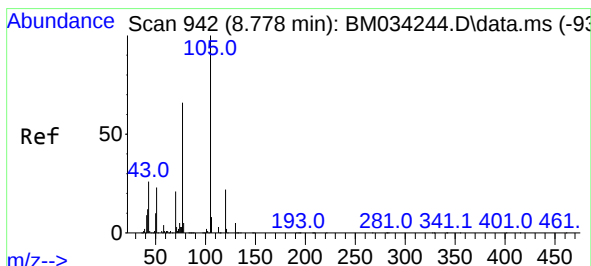
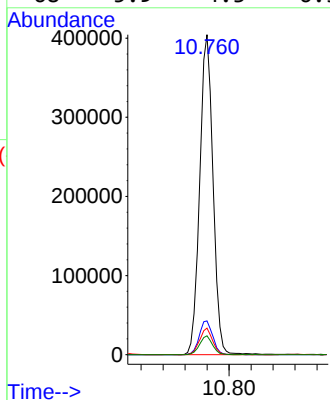
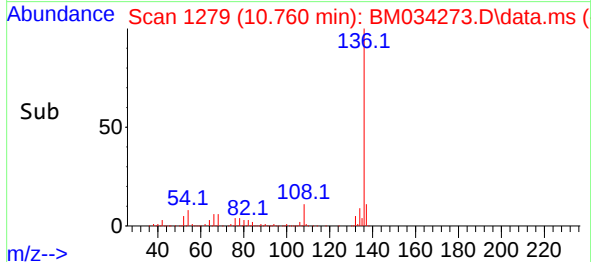
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2022



Tgt Ion:136 Resp: 679560
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.3 6.2 9.4
68 5.9 4.3 6.5

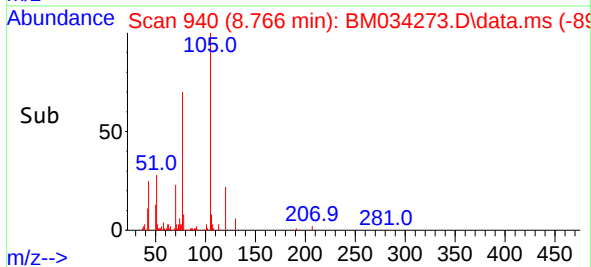
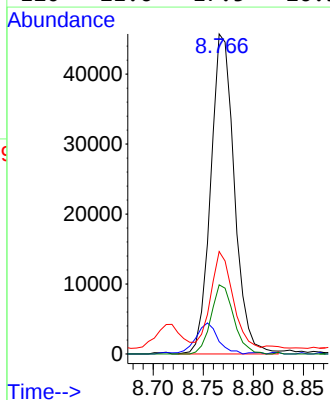
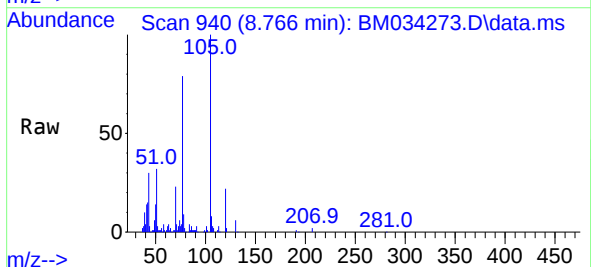
Manual Integrations
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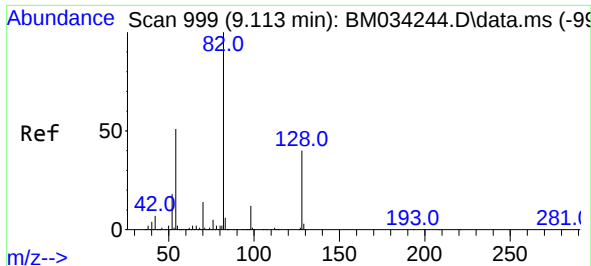
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#22
Acetophenone
Concen: 4.301 ng
RT: 8.766 min Scan# 940
Delta R.T. -0.012 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06

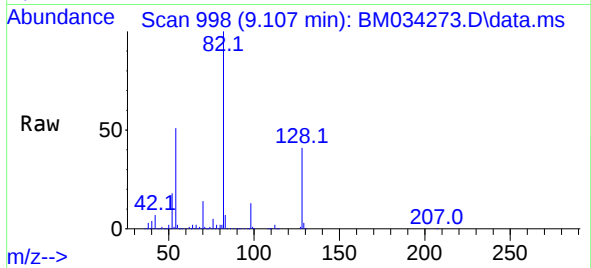
Tgt Ion:105 Resp: 75013
Ion Ratio Lower Upper
105 100
71 3.8 3.0 4.4
51 32.0 22.6 33.8
120 21.6 17.5 26.3





#23
Nitrobenzene-d5
Concen: 93.725 ng
RT: 9.107 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06

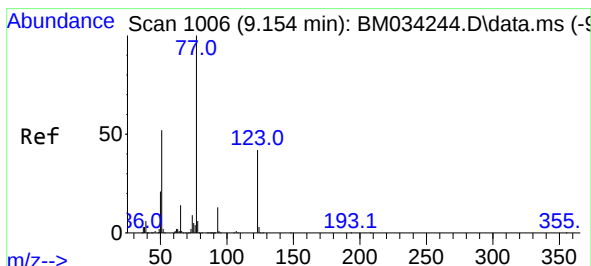
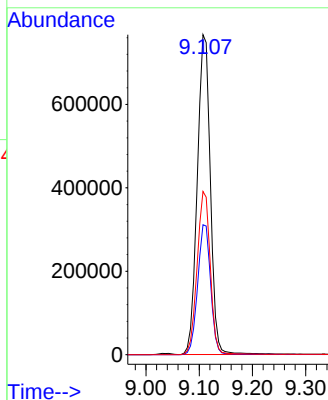
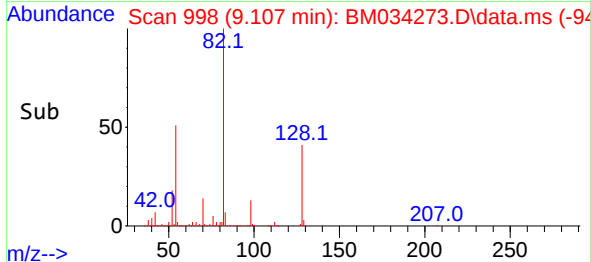
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2022



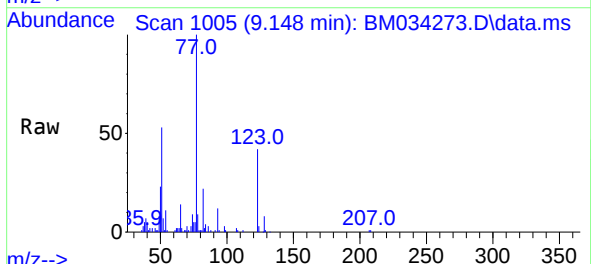
Tgt Ion: 82 Resp: 130819
Ion Ratio Lower Upper
82 100
128 40.6 31.9 47.9
54 51.0 40.6 61.0

Manual Integrations
APPROVED

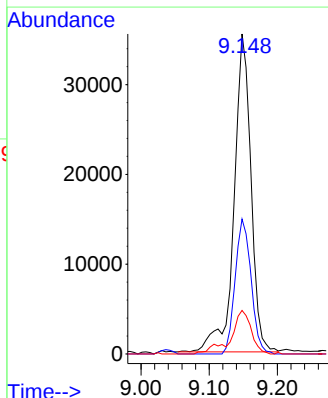
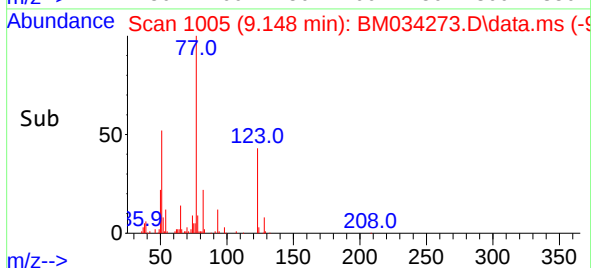
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

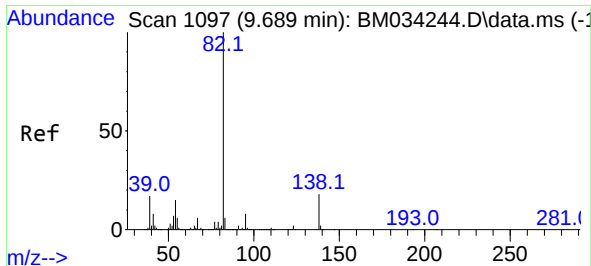


#24
Nitrobenzene
Concen: 4.699 ng
RT: 9.148 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06



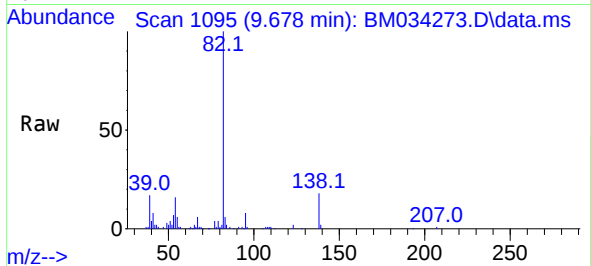
Tgt Ion: 77 Resp: 61240
Ion Ratio Lower Upper
77 100
123 42.2 33.3 49.9
65 13.6 11.0 16.4





#25
Isophorone
Concen: 4.387 ng
RT: 9.678 min Scan# 1095
Delta R.T. -0.012 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06

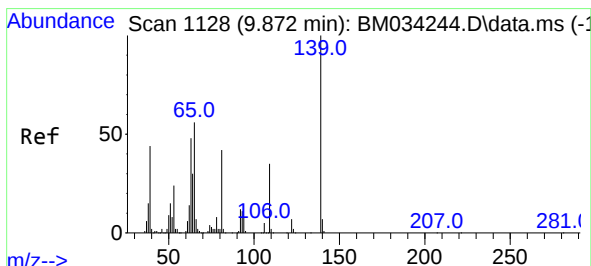
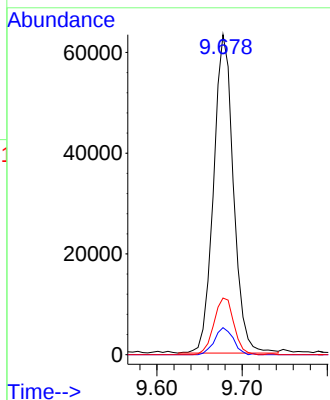
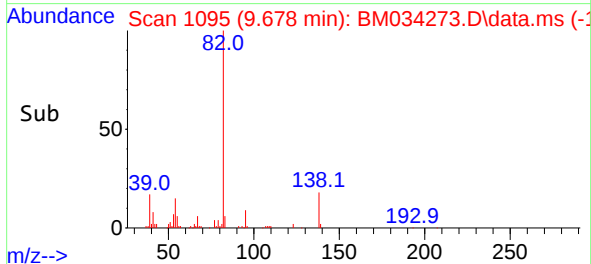
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2022



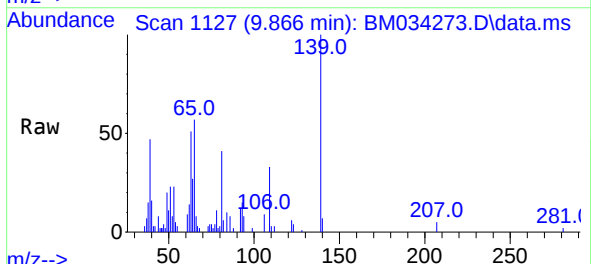
Tgt Ion: 82 Resp: 10246
Ion Ratio Lower Upper
82 100
95 8.5 6.6 9.8
138 17.7 14.4 21.6

Manual Integrations
APPROVED

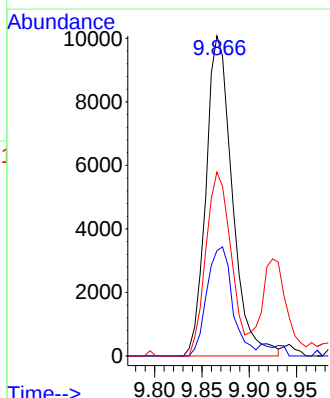
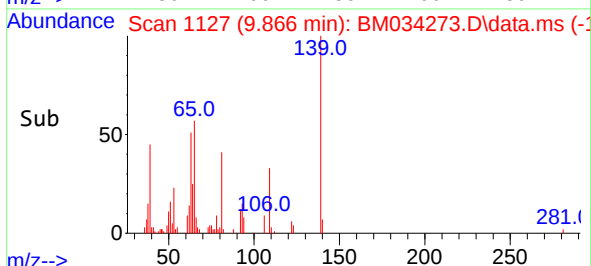
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

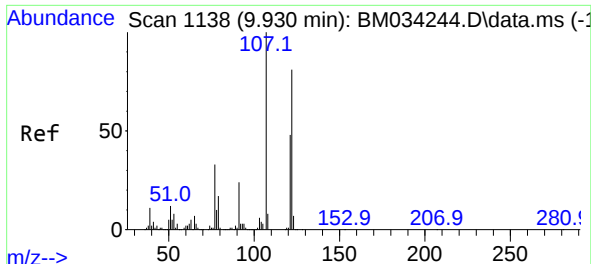


#26
2-Nitrophenol
Concen: 3.367 ng
RT: 9.866 min Scan# 1127
Delta R.T. -0.006 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06



Tgt Ion:139 Resp: 19457
Ion Ratio Lower Upper
139 100
109 32.9 28.1 42.1
65 57.4 44.6 67.0





#27

2,4-Dimethylphenol

Concen: 4.292 ng

RT: 9.925 min Scan# 1137

Delta R.T. -0.006 min

Lab File: BM034273.D

Acq: 17 Mar 2022 13:06

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2022

Tgt Ion:122 Resp: 3884

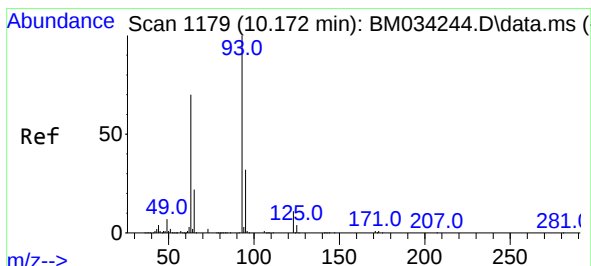
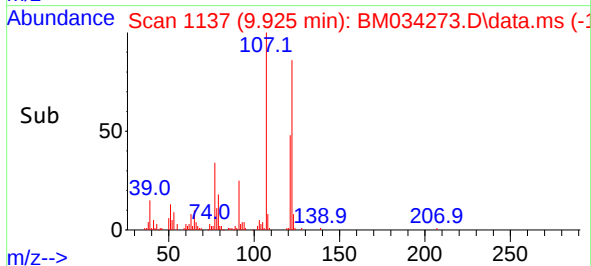
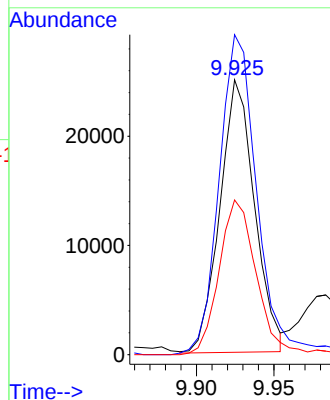
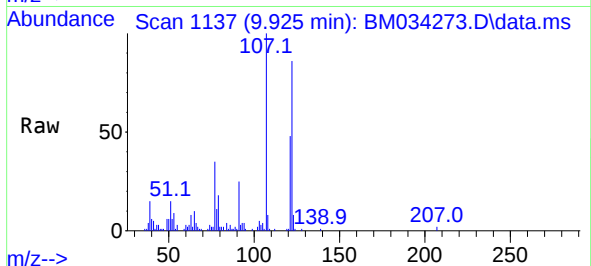
Ion	Ratio	Lower	Upper
122	100		
107	116.4	99.0	148.6
121	56.3	47.7	71.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/21/2022

Supervised By :Jagrut Upadhyay 03/22/2022



#28

bis(2-Chloroethoxy)methane

Concen: 4.014 ng

RT: 10.160 min Scan# 1177

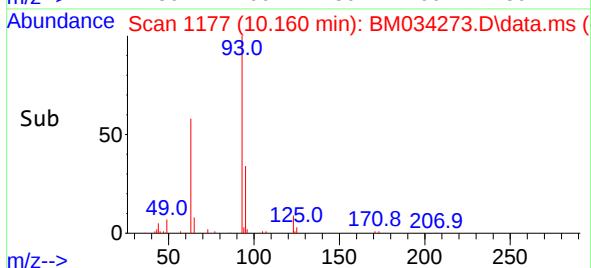
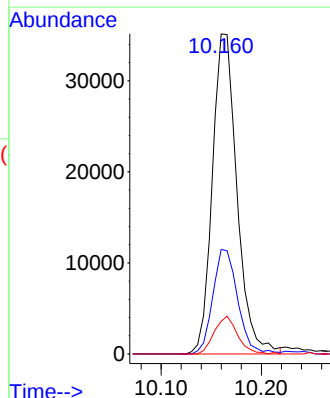
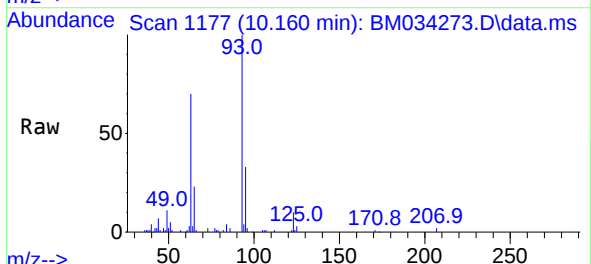
Delta R.T. -0.012 min

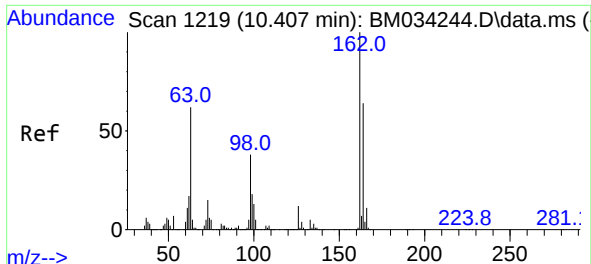
Lab File: BM034273.D

Acq: 17 Mar 2022 13:06

Tgt Ion: 93 Resp: 60024

Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.0	39.0
123	10.2	9.0	13.4





#29

2,4-Dichlorophenol

Concen: 3.607 ng

RT: 10.401 min Scan# 1218

Delta R.T. -0.006 min

Lab File: BM034273.D

Acq: 17 Mar 2022 13:06

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2022

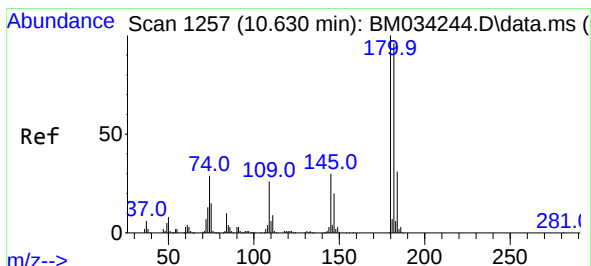
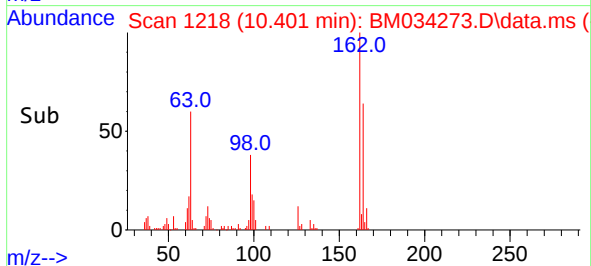
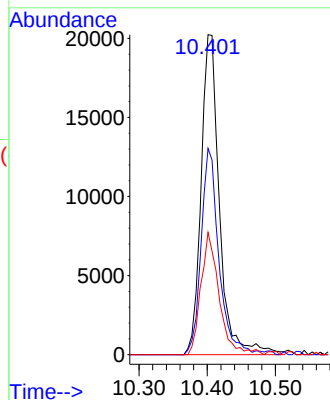
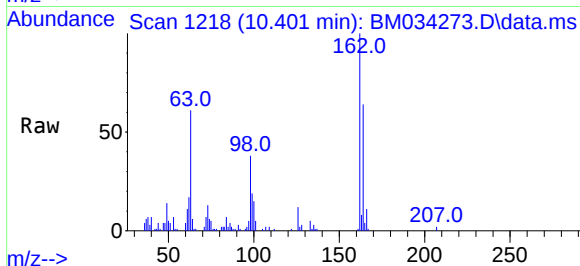
Tgt Ion:162	Resp:	37928
Ion Ratio	Lower	Upper
162 100		
164 64.5	43.9	83.9
98 38.2	17.6	57.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/21/2022

Supervised By :Jagrut Upadhyay 03/22/2022



#30

1,2,4-Trichlorobenzene

Concen: 4.115 ng

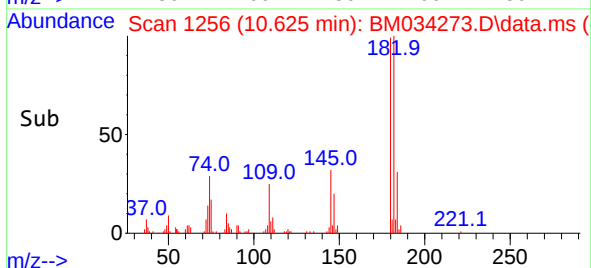
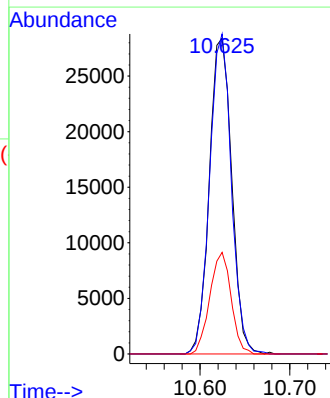
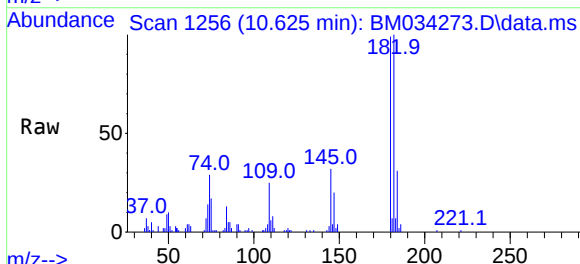
RT: 10.625 min Scan# 1256

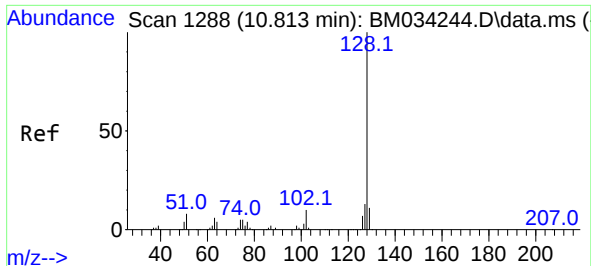
Delta R.T. -0.006 min

Lab File: BM034273.D

Acq: 17 Mar 2022 13:06

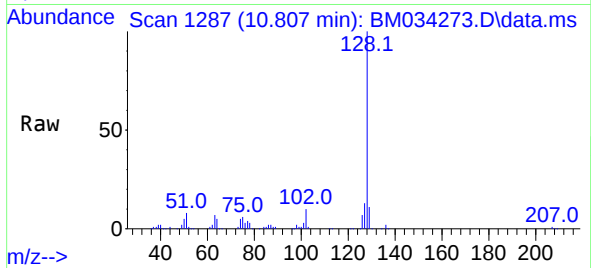
Tgt Ion:180	Resp:	49178
Ion Ratio	Lower	Upper
180 100		
182 101.4	77.0	115.4
145 32.2	23.7	35.5





#31
Naphthalene
Concen: 4.254 ng
RT: 10.807 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06

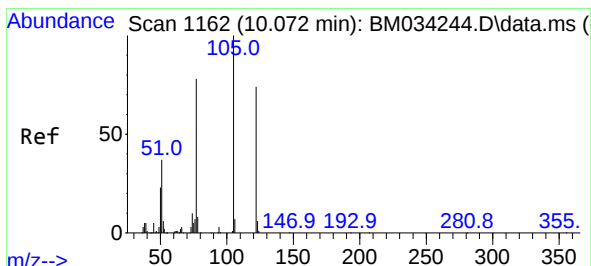
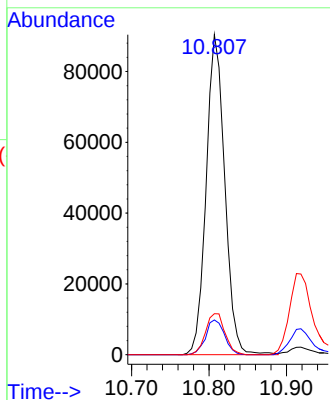
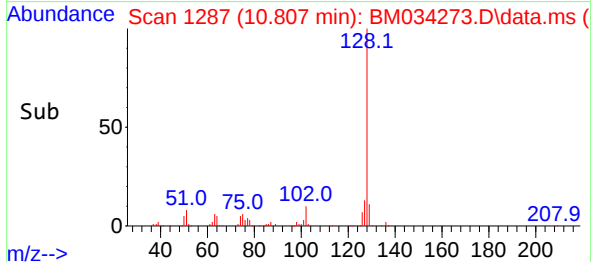
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2022



Tgt Ion:128 Resp: 150614
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 12.8 10.2 15.4

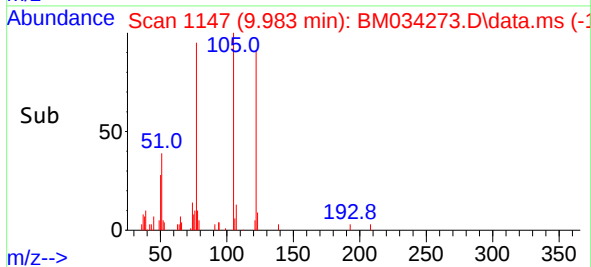
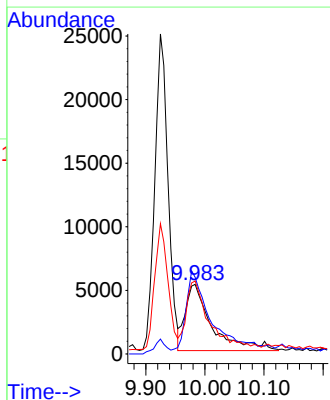
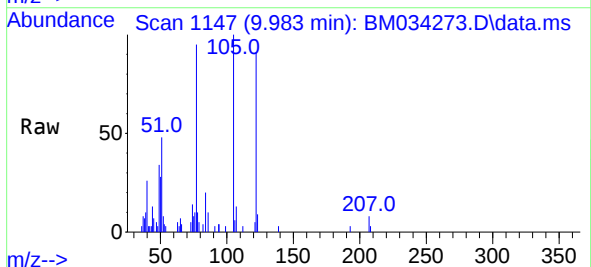
Manual Integrations
APPROVED

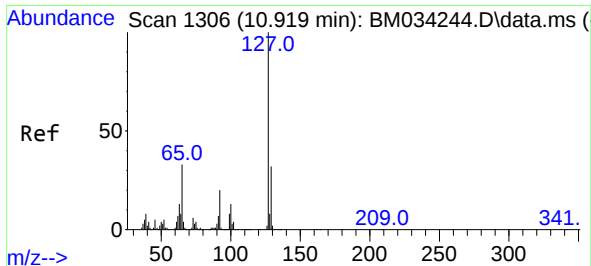
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#32
Benzoic acid
Concen: 2.171 ng m
RT: 9.983 min Scan# 1147
Delta R.T. -0.089 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06

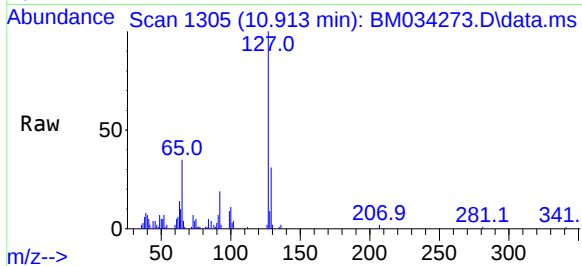
Tgt Ion:122 Resp: 16242
Ion Ratio Lower Upper
122 100
105 110.2 109.6 149.6
77 104.9 83.1 123.1





#33
4-Chloroaniline
Concen: 3.691 ng
RT: 10.913 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06

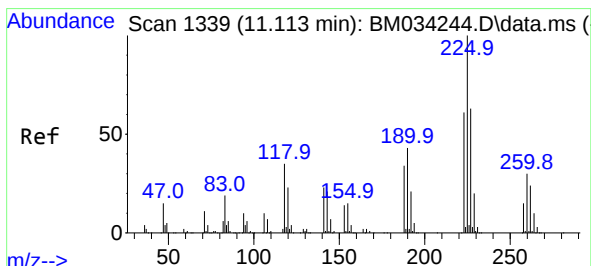
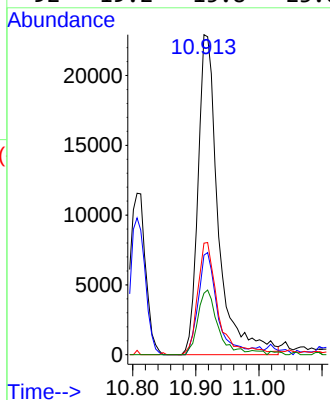
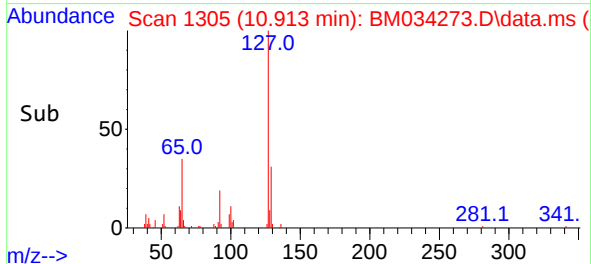
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2022



Tgt Ion:127 Resp: 5154
Ion Ratio Lower Upper
127 100
129 31.1 25.4 38.2
65 34.9 26.2 39.2
92 19.2 15.8 23.6

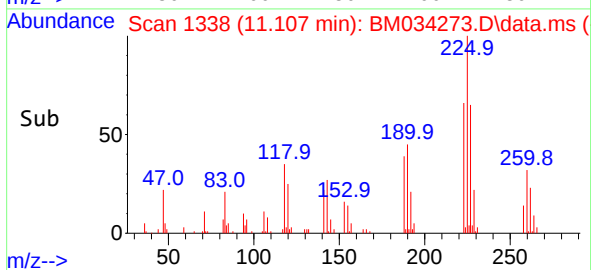
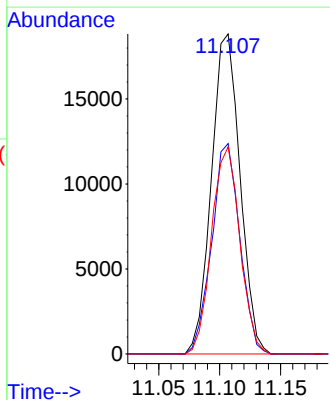
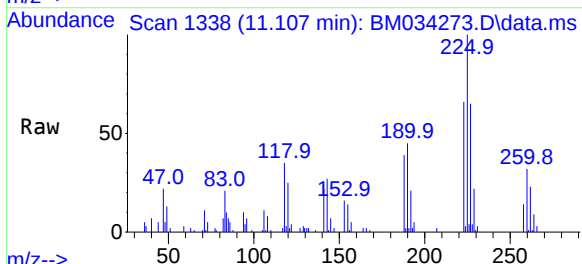
Manual Integrations
APPROVED

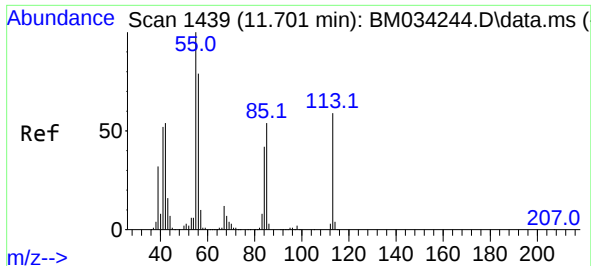
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#34
Hexachlorobutadiene
Concen: 4.063 ng
RT: 11.107 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06

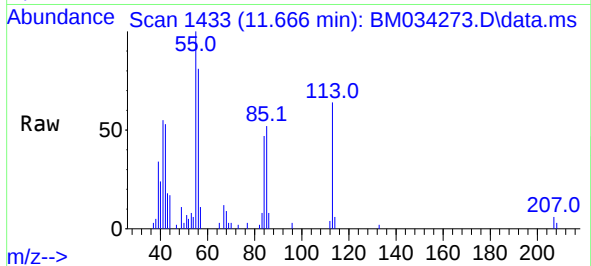
Tgt Ion:225 Resp: 30757
Ion Ratio Lower Upper
225 100
223 65.7 49.0 73.4
227 64.7 50.2 75.2





#35
Caprolactam
Concen: 3.368 ng
RT: 11.666 min Scan# 1433
Delta R.T. -0.035 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06

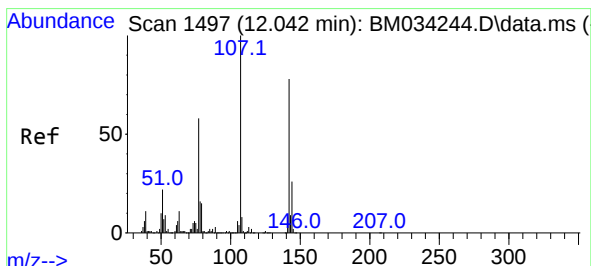
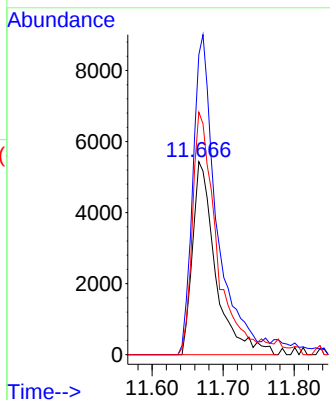
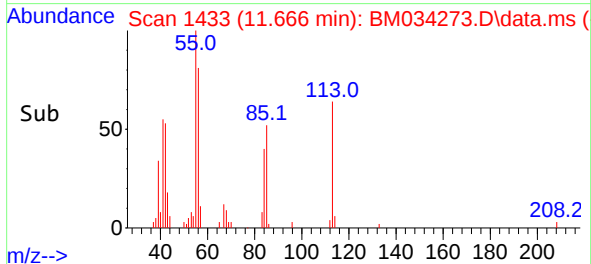
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2022



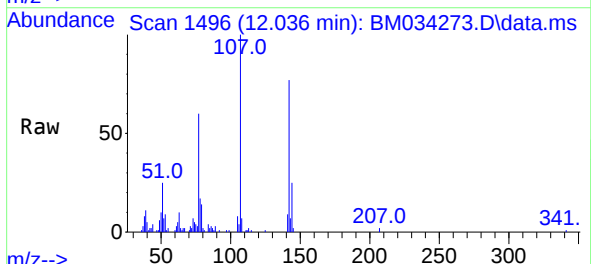
Tgt Ion:113 Resp: 12308
Ion Ratio Lower Upper
113 100
55 155.5 148.9 188.9
56 125.7 113.3 153.3

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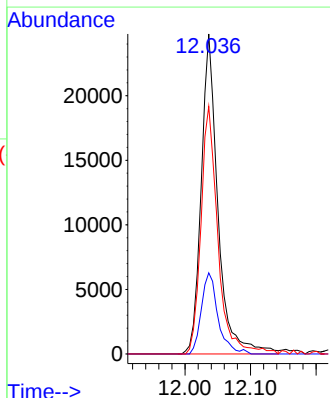
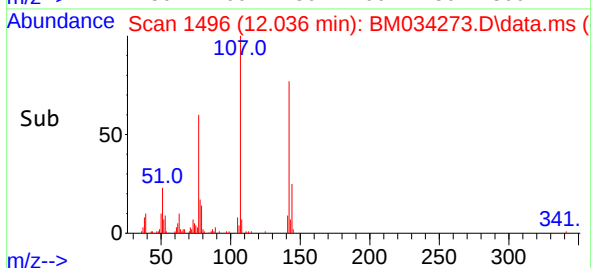
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

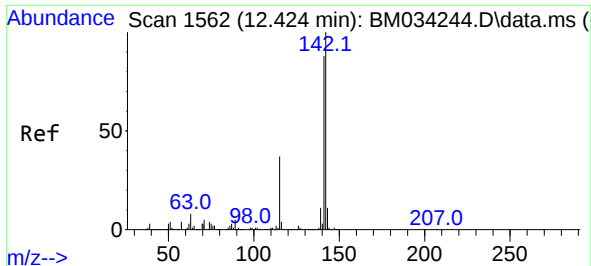


#36
4-Chloro-3-methylphenol
Concen: 3.655 ng
RT: 12.036 min Scan# 1496
Delta R.T. -0.006 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06



Tgt Ion:107 Resp: 44041
Ion Ratio Lower Upper
107 100
144 25.4 20.8 31.2
142 77.4 62.7 94.1





#37

2-Methylnaphthalene

Concen: 4.290 ng

RT: 12.419 min Scan# 1561

Delta R.T. -0.006 min

Lab File: BM034273.D

Acq: 17 Mar 2022 13:06

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2022

Tgt Ion:142 Resp: 108369

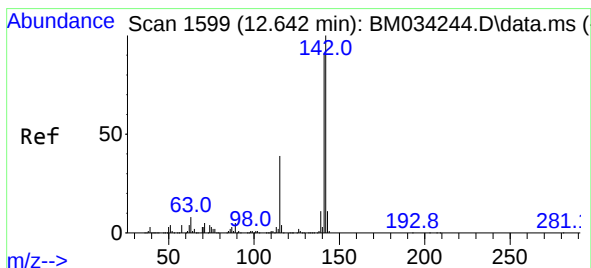
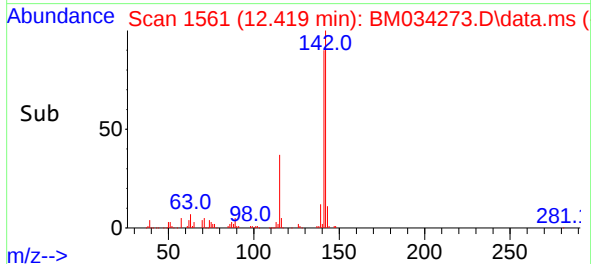
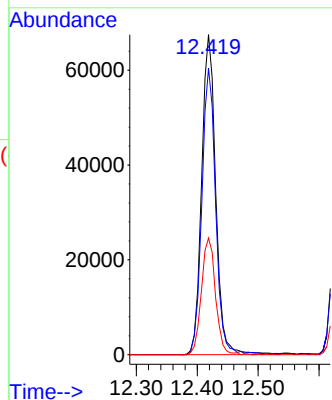
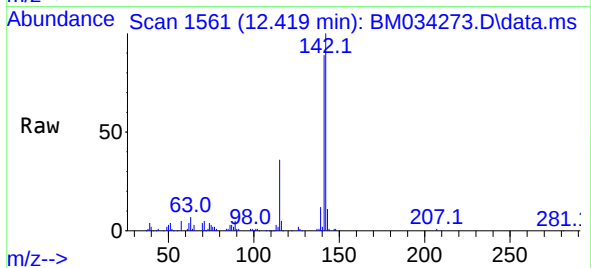
Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.1	105.1
115	36.5	29.9	44.9

Manual Integrations

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Reviewed By :Christian Giraldo 03/21/2022

Supervised By :Jagrut Upadhyay 03/22/2022



#38

1-Methylnaphthalene

Concen: 4.276 ng

RT: 12.636 min Scan# 1598

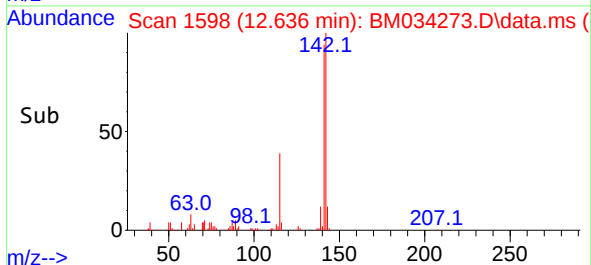
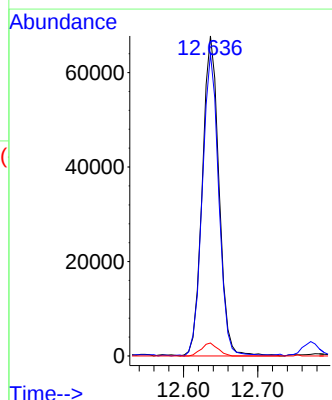
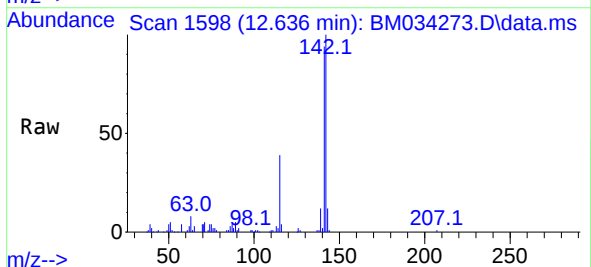
Delta R.T. -0.006 min

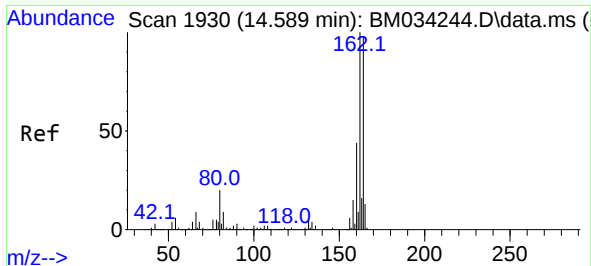
Lab File: BM034273.D

Acq: 17 Mar 2022 13:06

Tgt Ion:142 Resp: 105670

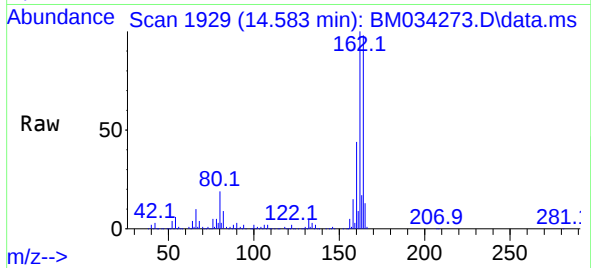
Ion	Ratio	Lower	Upper
142	100		
141	94.5	73.0	109.6
116	4.0	3.2	4.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.583 min Scan# 1930
Delta R.T. -0.006 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06

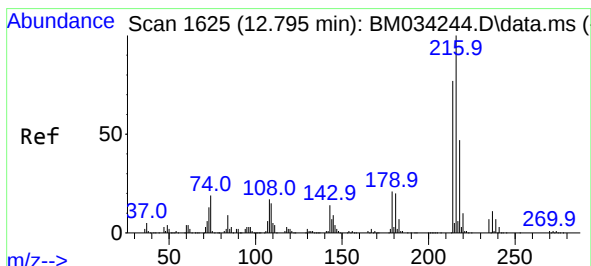
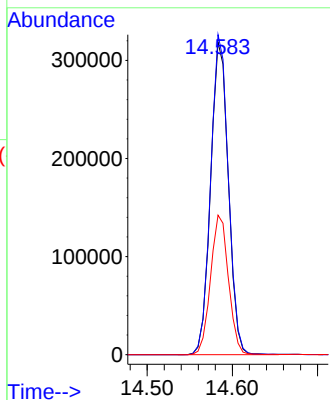
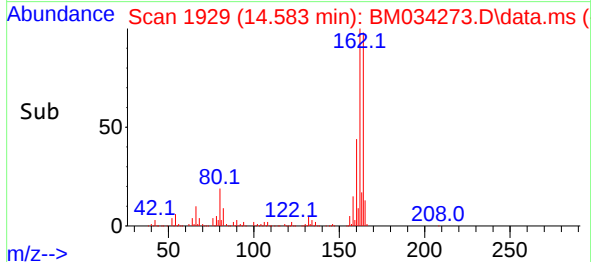
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2022



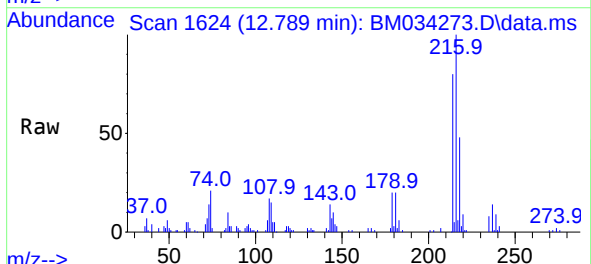
Tgt Ion:164 Resp: 462220
Ion Ratio Lower Upper
164 100
162 102.5 81.6 122.4
160 44.7 35.6 53.4

Manual Integrations
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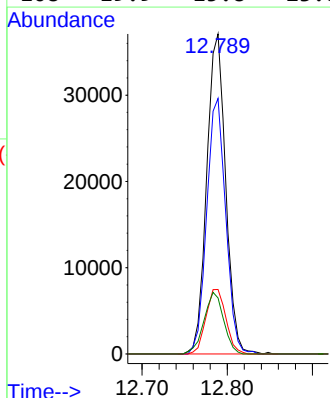
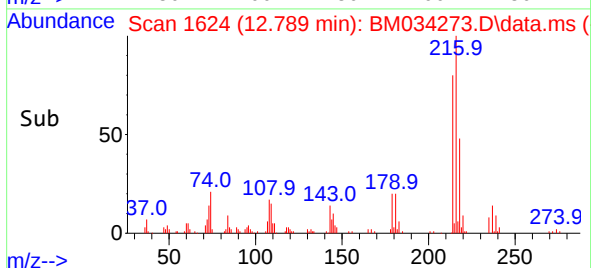
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

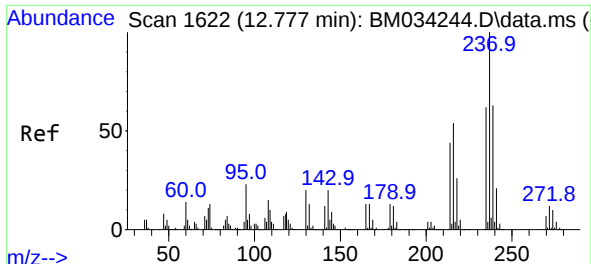


#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.117 ng
RT: 12.789 min Scan# 1624
Delta R.T. -0.006 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06



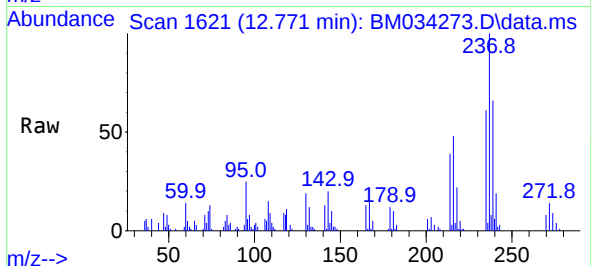
Tgt Ion:216 Resp: 57421
Ion Ratio Lower Upper
216 100
214 80.0 62.7 94.1
179 21.2 17.2 25.8
108 19.9 15.8 23.8





#41
Hexachlorocyclopentadiene
Concen: 4.230 ng
RT: 12.771 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06

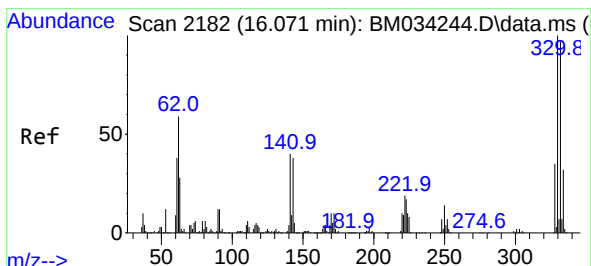
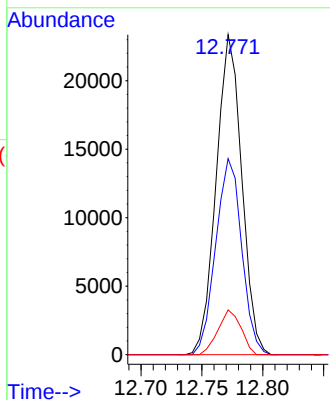
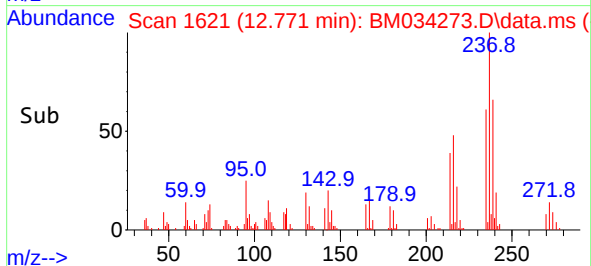
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2022



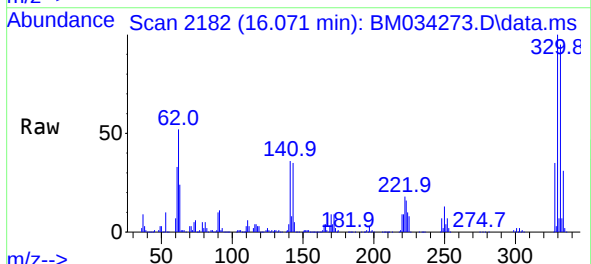
Tgt Ion:237 Resp: 3416
Ion Ratio Lower Upper
237 100
235 61.3 42.1 82.1
272 14.0 0.0 32.3

Manual Integrations
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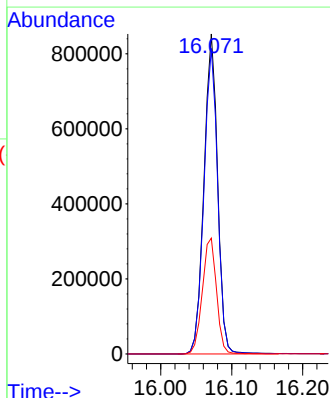
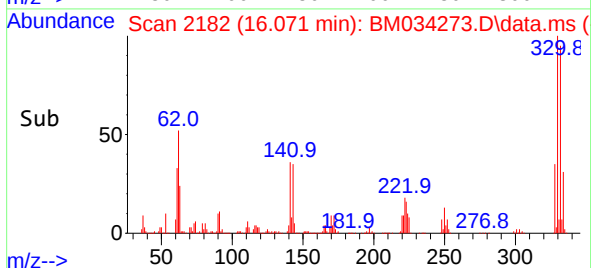
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

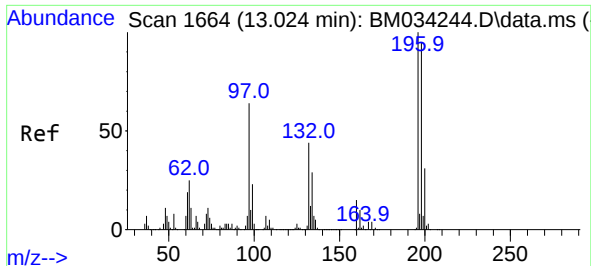


#42
2,4,6-Tribromophenol
Concen: 183.145 ng
RT: 16.071 min Scan# 2182
Delta R.T. -0.000 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06



Tgt Ion:330 Resp: 1141021
Ion Ratio Lower Upper
330 100
332 96.4 78.2 117.4
141 37.7 30.6 45.8





#43

2,4,6-Trichlorophenol

Concen: 3.422 ng

RT: 13.019 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM034273.D

Acq: 17 Mar 2022 13:06

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT1-2022

Tgt Ion:196 Resp: 3295

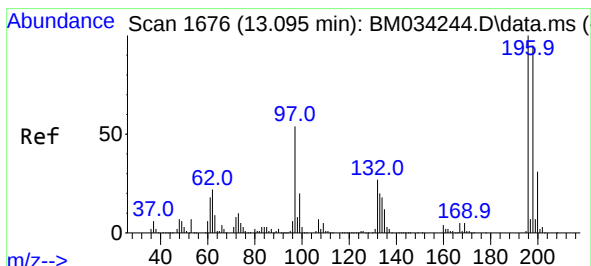
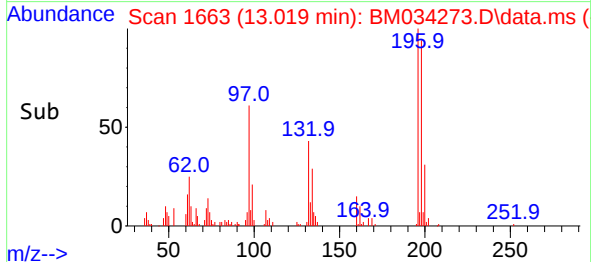
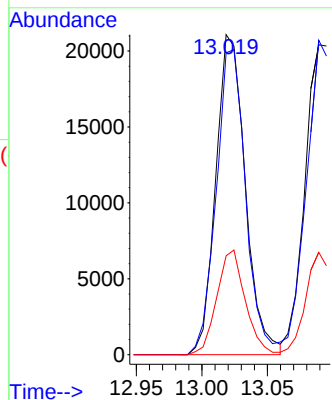
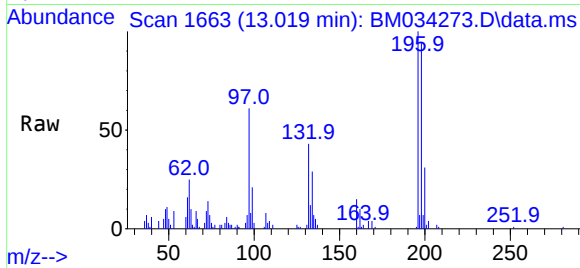
Ion	Ratio	Lower	Upper
196	100		
198	94.3	76.1	114.1
200	30.9	24.9	37.3

Manual Integrations

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Reviewed By :Christian Giraldo 03/21/2022

Supervised By :Jagrut Upadhyay 03/22/2022



#44

2,4,5-Trichlorophenol

Concen: 3.496 ng

RT: 13.089 min Scan# 1675

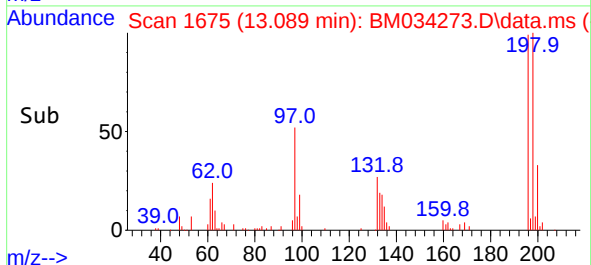
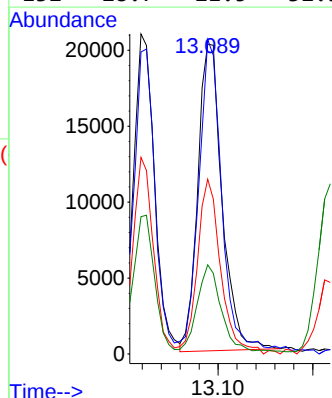
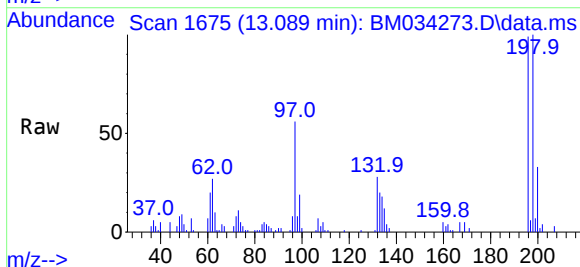
Delta R.T. -0.006 min

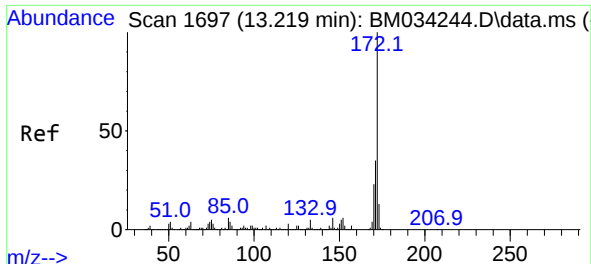
Lab File: BM034273.D

Acq: 17 Mar 2022 13:06

Tgt Ion:196 Resp: 36139

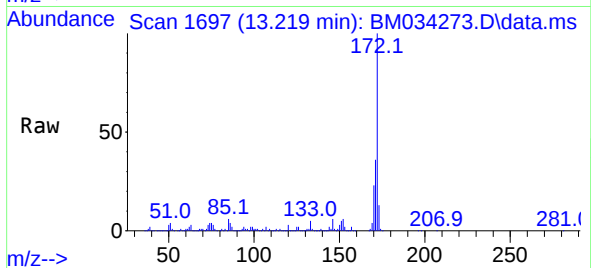
Ion	Ratio	Lower	Upper
196	100		
198	101.4	75.9	113.9
97	56.4	43.2	64.8
132	28.7	21.5	32.3





#45
2-Fluorobiphenyl
Concen: 94.173 ng
RT: 13.219 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06

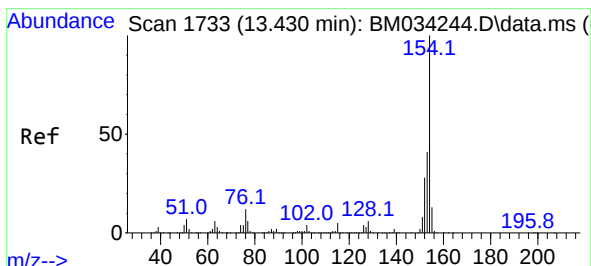
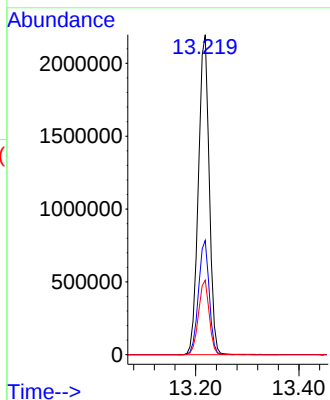
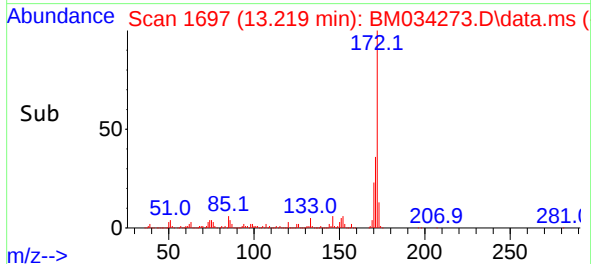
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2022



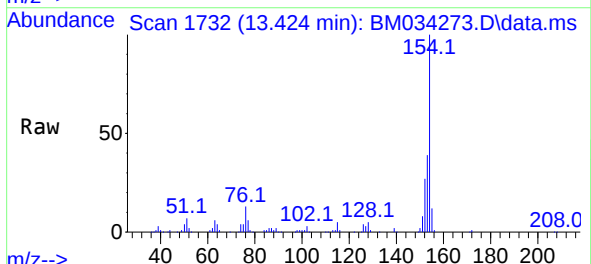
Tgt Ion:172 Resp: 318543
Ion Ratio Lower Upper
172 100
171 35.7 28.0 42.0
170 23.3 18.6 28.0

Manual Integrations
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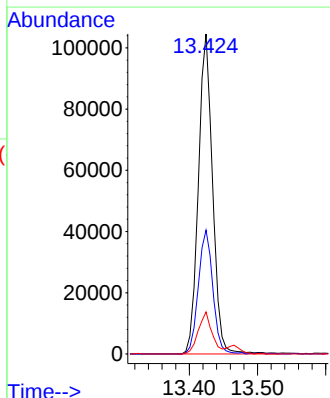
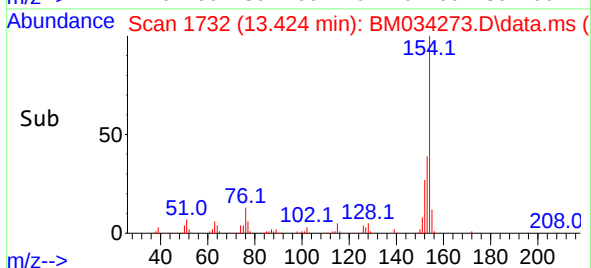
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

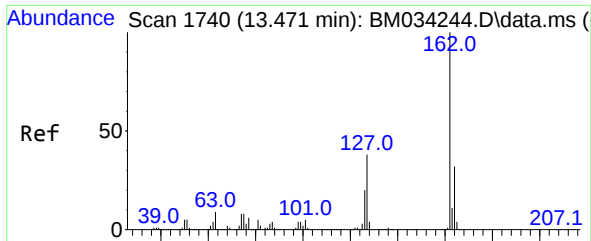


#46
1,1'-Biphenyl
Concen: 4.298 ng
RT: 13.424 min Scan# 1732
Delta R.T. -0.006 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06



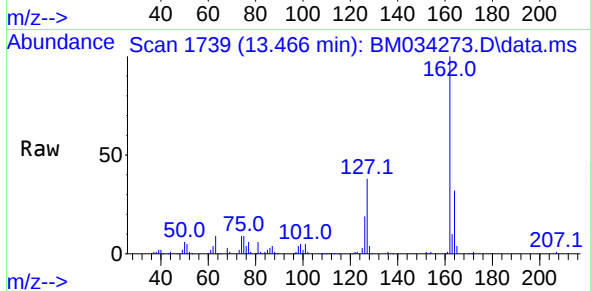
Tgt Ion:154 Resp: 151468
Ion Ratio Lower Upper
154 100
153 38.7 21.0 61.0
76 13.1 0.0 32.1





#47
2-Chloronaphthalene
Concen: 4.110 ng
RT: 13.466 min Scan# 11117
Delta R.T. -0.006 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06

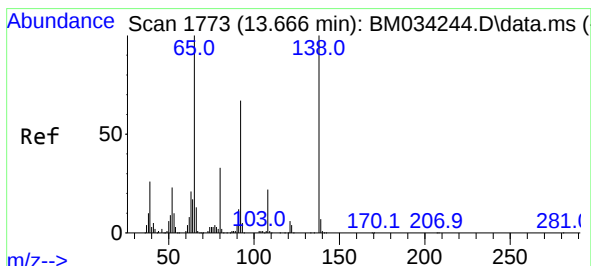
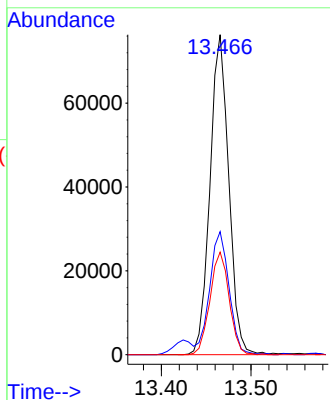
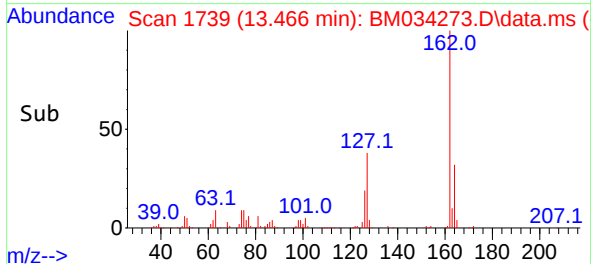
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2022



Tgt Ion:162 Resp: 11117
Ion Ratio Lower Upper
162 100
127 38.4 30.4 45.6
164 32.1 25.8 38.8

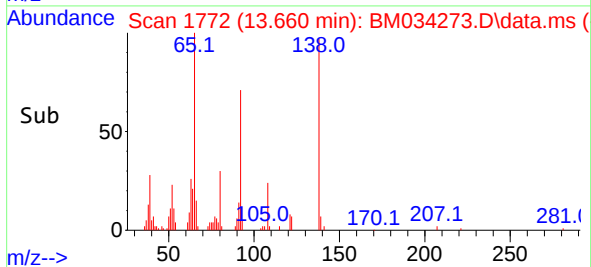
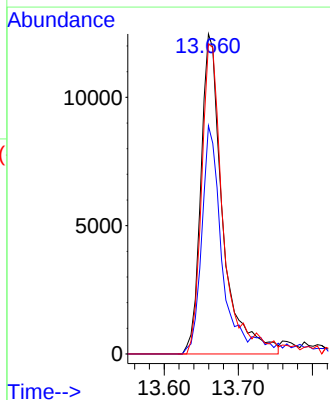
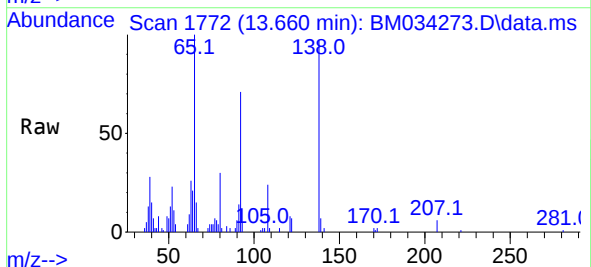
Manual Integrations
APPROVED

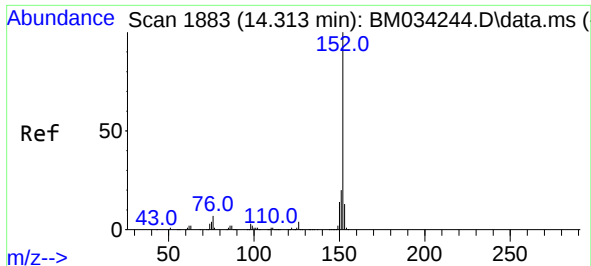
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#48
2-Nitroaniline
Concen: 3.086 ng
RT: 13.660 min Scan# 1772
Delta R.T. -0.006 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06

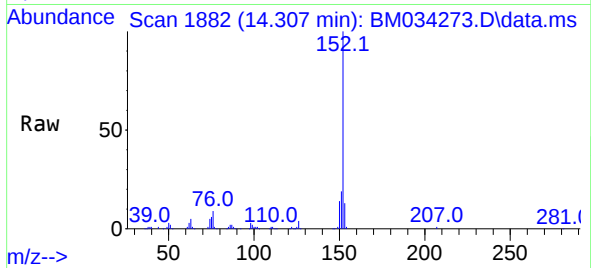
Tgt Ion: 65 Resp: 25519
Ion Ratio Lower Upper
65 100
92 71.3 53.8 80.8
138 96.9 79.9 119.9





#49
Acenaphthylene
Concen: 4.233 ng
RT: 14.307 min Scan# 1883
Delta R.T. -0.006 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06

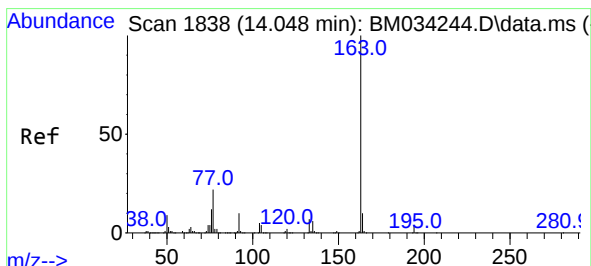
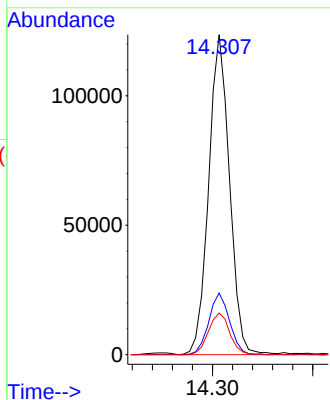
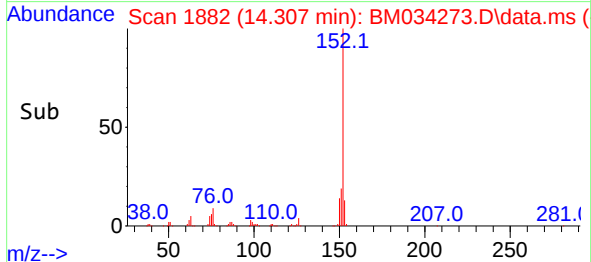
Instrument : BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2022



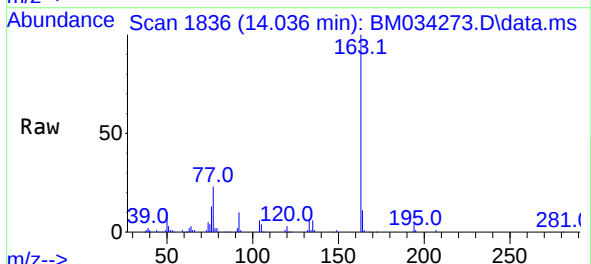
Tgt Ion:152 Resp: 17848
Ion Ratio Lower Upper
152 100
151 19.3 15.9 23.9
153 13.1 10.6 16.0

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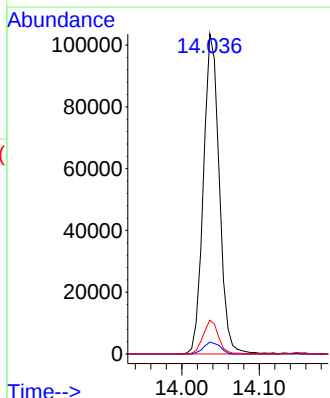
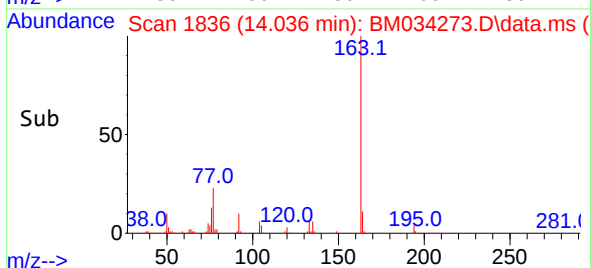
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

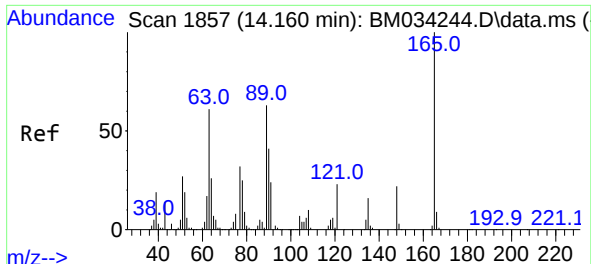


#50
Dimethylphthalate
Concen: 4.184 ng
RT: 14.036 min Scan# 1836
Delta R.T. -0.012 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06



Tgt Ion:163 Resp: 147184
Ion Ratio Lower Upper
163 100
194 3.7 3.3 4.9
164 10.6 8.1 12.1





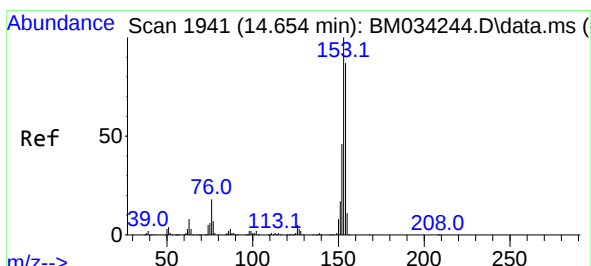
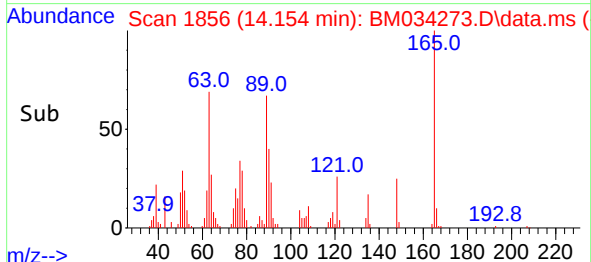
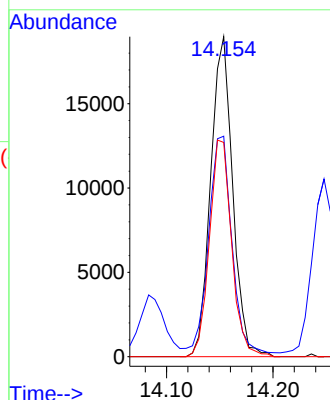
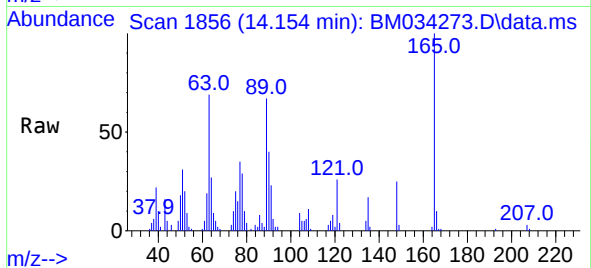
#51
2,6-Dinitrotoluene
Concen: 3.760 ng
RT: 14.154 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2022

Tgt Ion:165 Resp: 2713
Ion Ratio Lower Upper
165 100
63 68.9 51.9 77.9
89 66.9 50.6 76.0

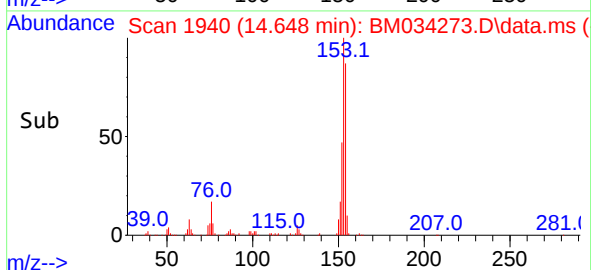
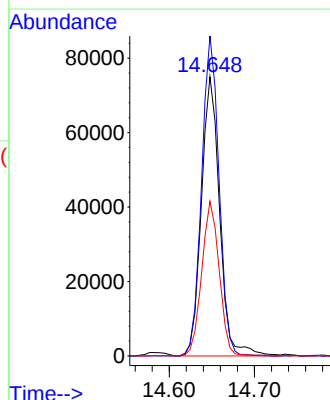
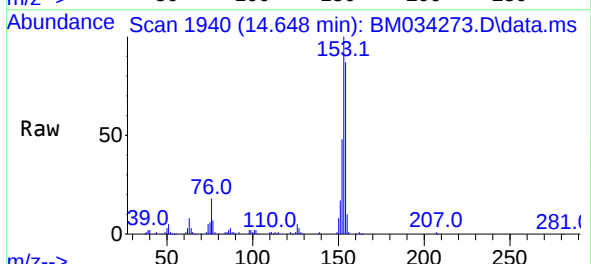
Manual Integrations
APPROVED

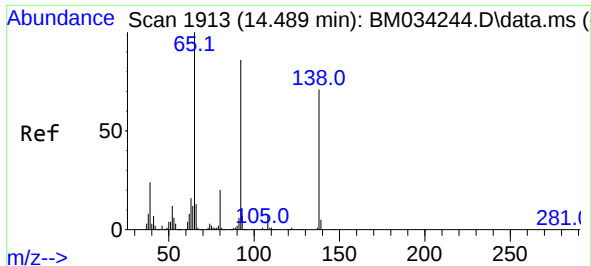
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#52
Acenaphthene
Concen: 3.943 ng
RT: 14.648 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06

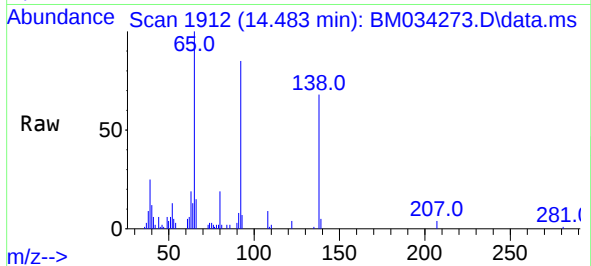
Tgt Ion:154 Resp: 111984
Ion Ratio Lower Upper
154 100
153 114.6 91.8 137.8
152 55.4 42.6 64.0





#53
3-Nitroaniline
Concen: 2.683 ng
RT: 14.483 min Scan# 1913
Delta R.T. -0.006 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06

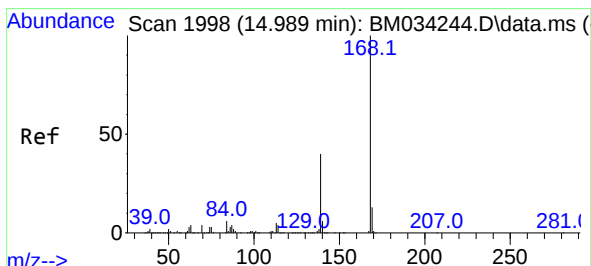
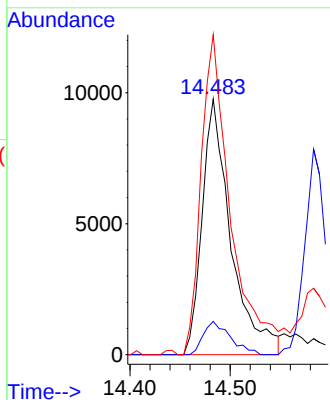
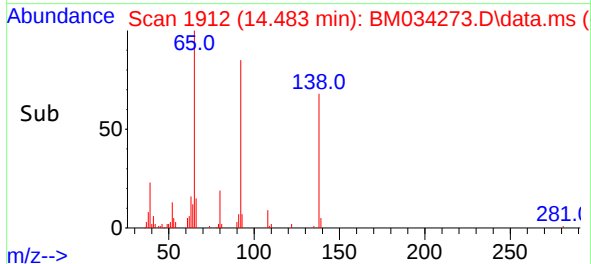
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2022



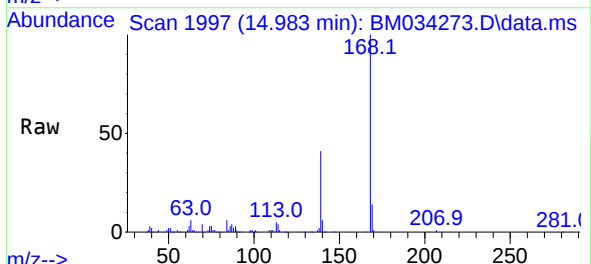
Tgt Ion:138 Resp: 1942
Ion Ratio Lower Upper
138 100
108 13.0 8.3 12.5
92 125.2 97.6 146.4

Manual Integrations
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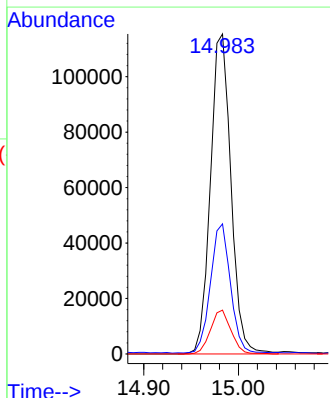
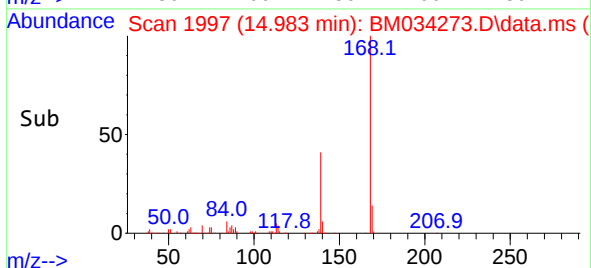
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

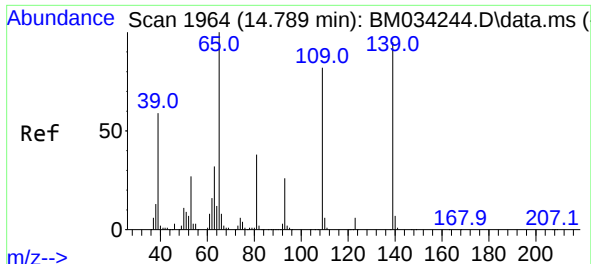


#55
Dibenzofuran
Concen: 4.103 ng
RT: 14.983 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06



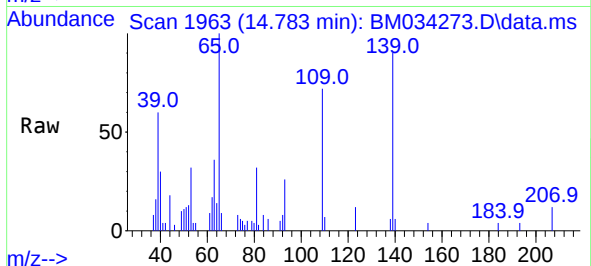
Tgt Ion:168 Resp: 173658
Ion Ratio Lower Upper
168 100
139 40.7 32.4 48.6
169 13.7 10.8 16.2





#56
4-Nitrophenol
Concen: 2.227 ng m
RT: 14.783 min Scan# 1963
Delta R.T. -0.006 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06

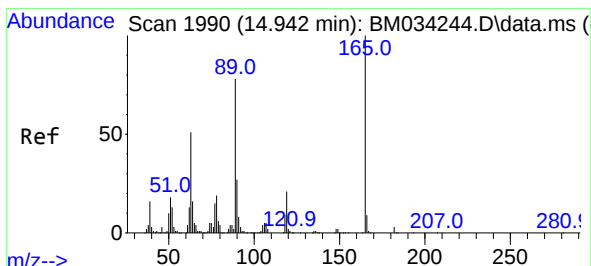
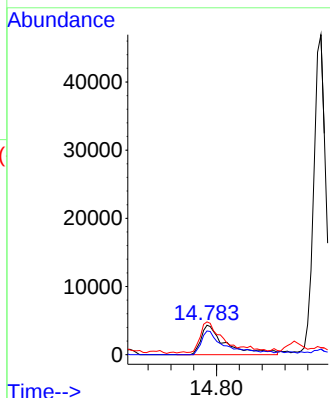
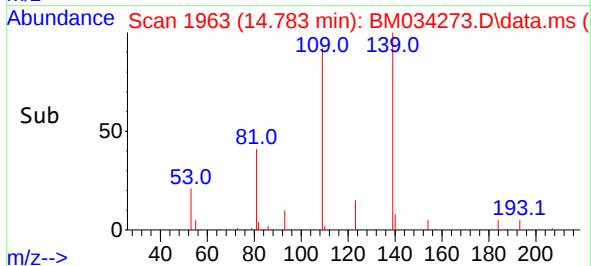
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2022



Tgt Ion:139 Resp: 13072
Ion Ratio Lower Upper
139 100
109 80.1 66.3 106.3
65 111.0 85.5 125.5

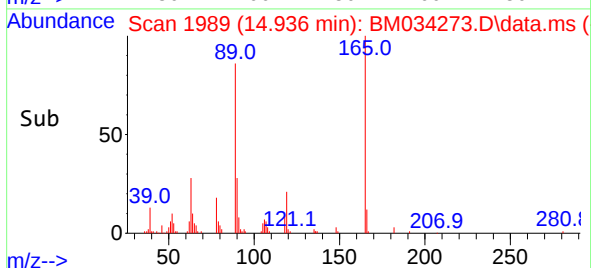
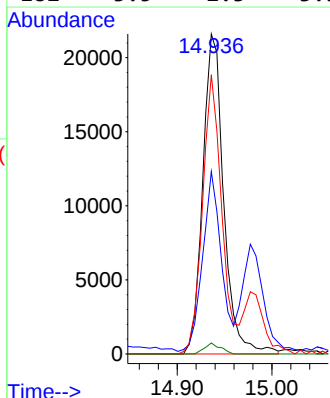
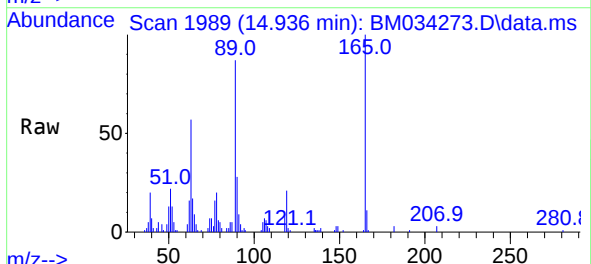
Manual Integrations
APPROVED

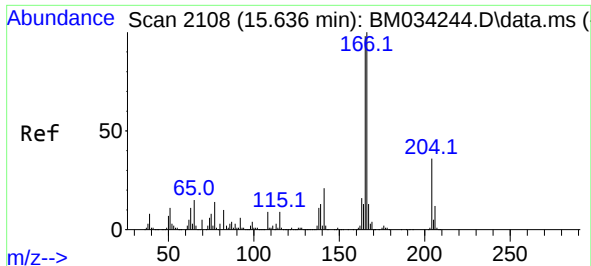
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#57
2,4-Dinitrotoluene
Concen: 3.402 ng
RT: 14.936 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06

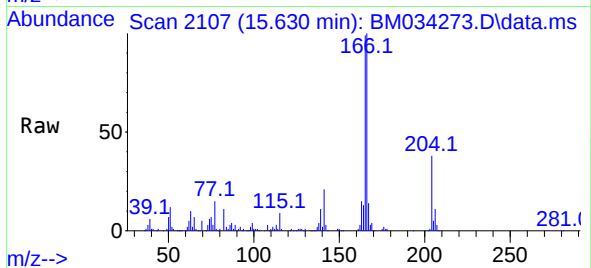
Tgt Ion:165 Resp: 33182
Ion Ratio Lower Upper
165 100
63 57.0 40.6 61.0
89 87.3 62.7 94.1
182 3.5 2.3 3.5





#58
Fluorene
Concen: 4.153 ng
RT: 15.630 min Scan# 2108
Delta R.T. -0.006 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06

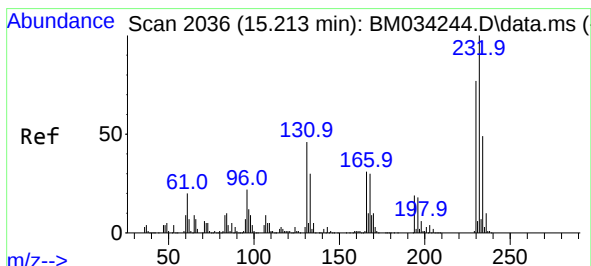
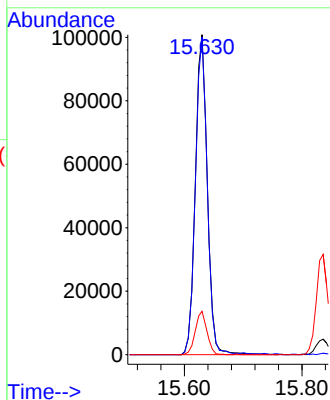
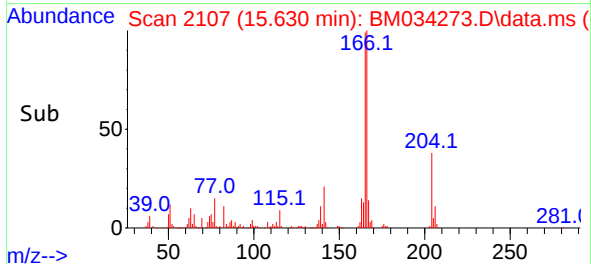
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2022



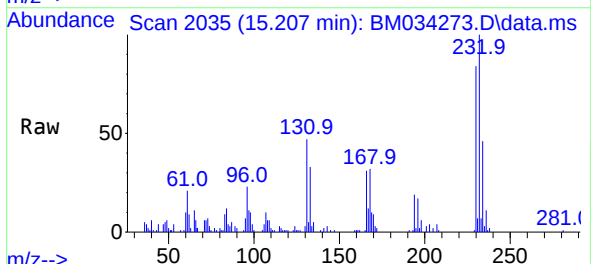
Tgt Ion:166 Resp: 142698
Ion Ratio Lower Upper
166 100
165 99.3 78.0 117.0
167 13.6 10.5 15.7

Manual Integrations
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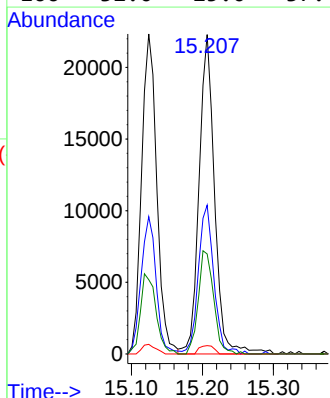
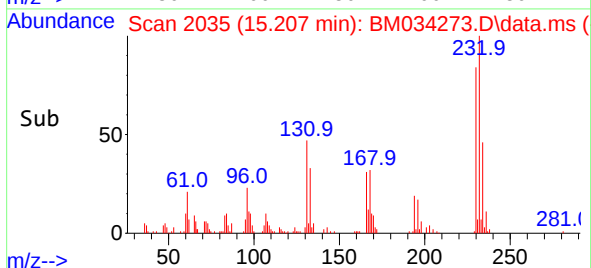
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

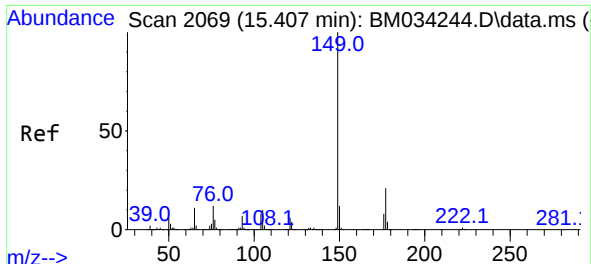


#59
2,3,4,6-Tetrachlorophenol
Concen: 3.641 ng
RT: 15.207 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06



Tgt Ion:232 Resp: 33942
Ion Ratio Lower Upper
232 100
131 46.7 38.0 57.0
130 2.5 2.2 3.2
166 32.0 25.0 37.4





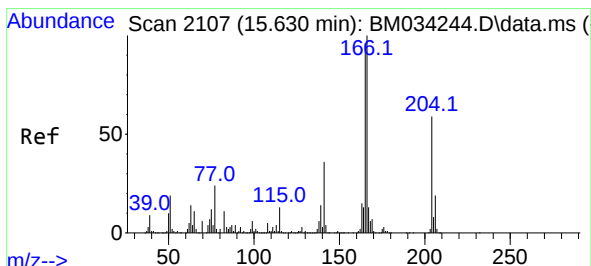
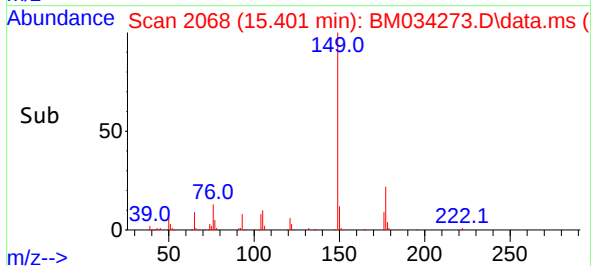
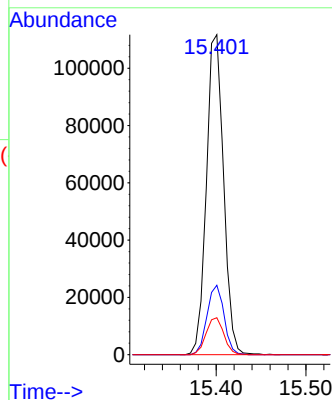
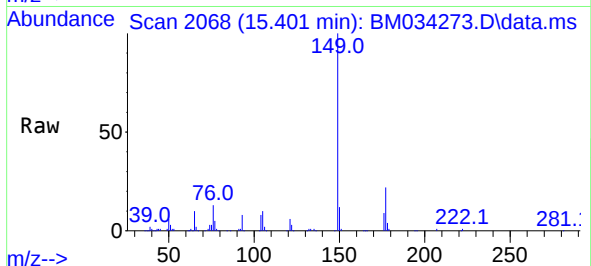
#60
Diethylphthalate
Concen: 4.108 ng
RT: 15.401 min Scan# 2069
Delta R.T. -0.006 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2022

Tgt Ion:149 Resp: 148270
Ion Ratio Lower Upper
149 100
177 21.7 17.1 25.7
150 11.6 9.9 14.9

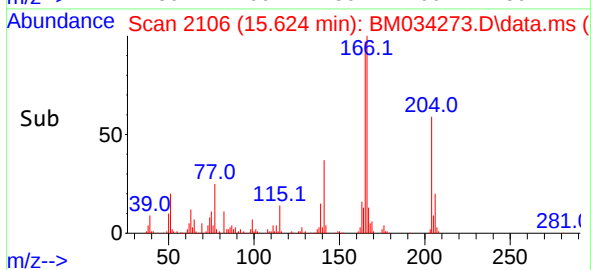
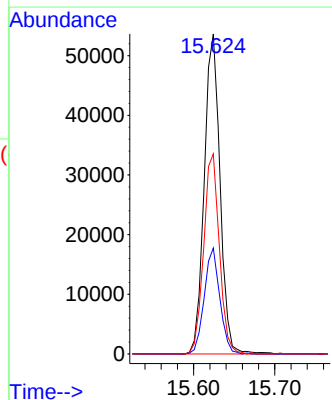
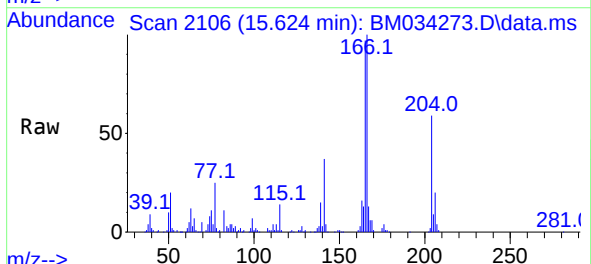
Manual Integrations
APPROVED

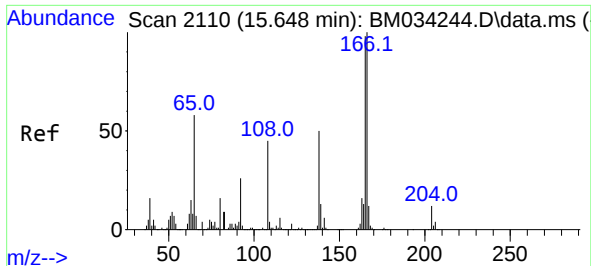
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#61
4-Chlorophenyl-phenylether
Concen: 4.127 ng
RT: 15.624 min Scan# 2106
Delta R.T. -0.006 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06

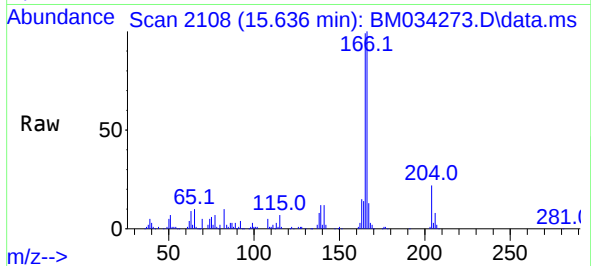
Tgt Ion:204 Resp: 72396
Ion Ratio Lower Upper
204 100
206 33.1 26.4 39.6
141 62.5 49.4 74.2





#62
4-Nitroaniline
Concen: 2.549 ng m
RT: 15.636 min Scan# 2110
Delta R.T. -0.012 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06

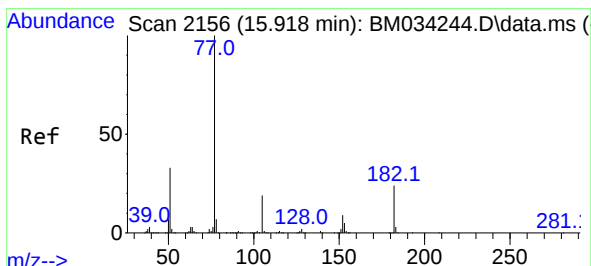
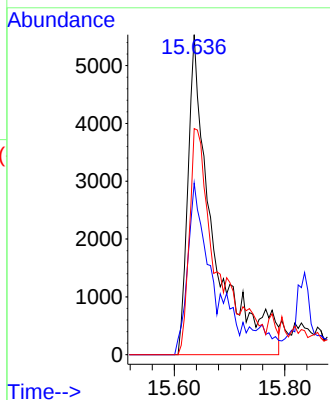
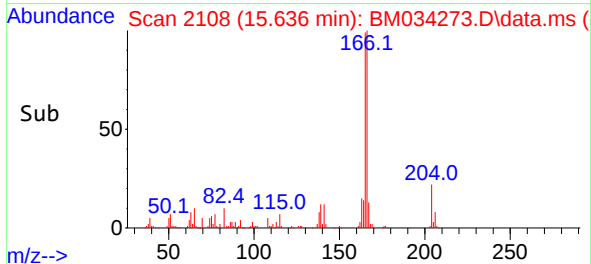
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2022



Tgt Ion:138 Resp: 1775
Ion Ratio Lower Upper
138 100
92 53.7 32.6 72.6
108 70.6 69.8 109.8

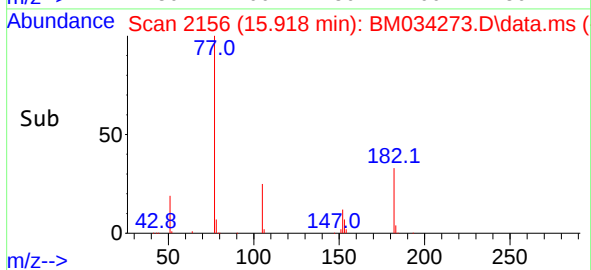
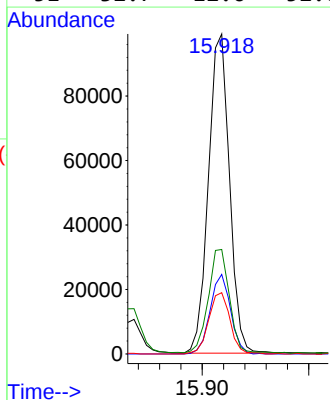
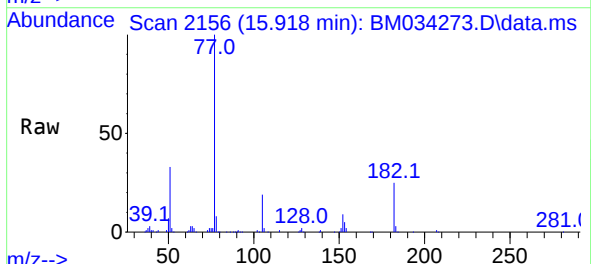
Manual Integrations
APPROVED

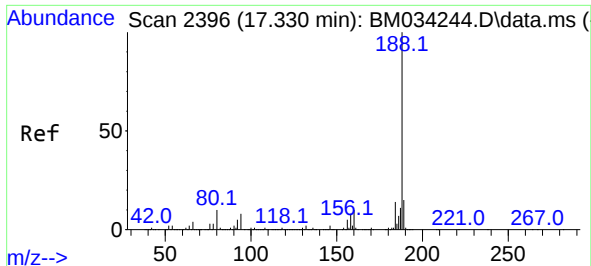
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#63
Azobenzene
Concen: 3.895 ng
RT: 15.918 min Scan# 2156
Delta R.T. -0.000 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06

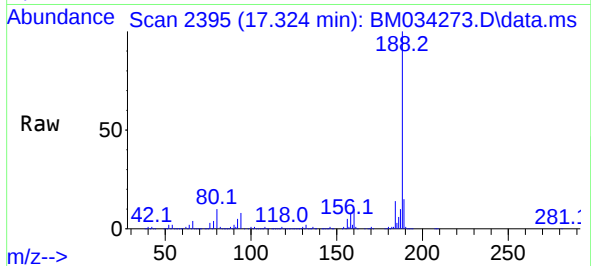
Tgt Ion: 77 Resp: 135552
Ion Ratio Lower Upper
77 100
182 24.9 4.4 44.4
105 19.2 0.0 38.7
51 32.7 12.6 52.6





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.324 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06

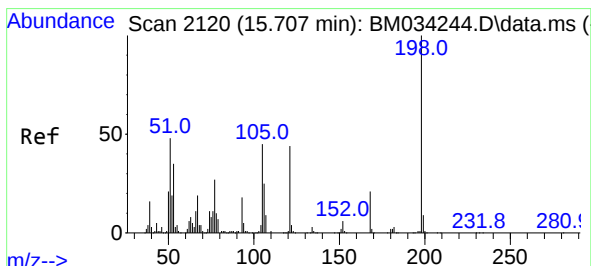
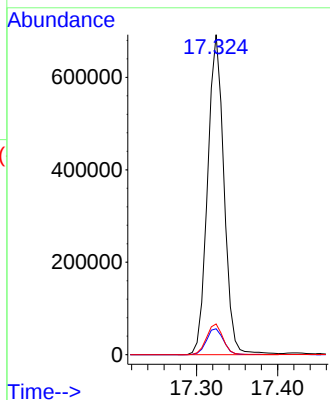
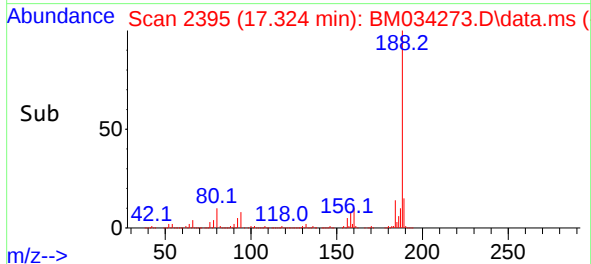
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2022



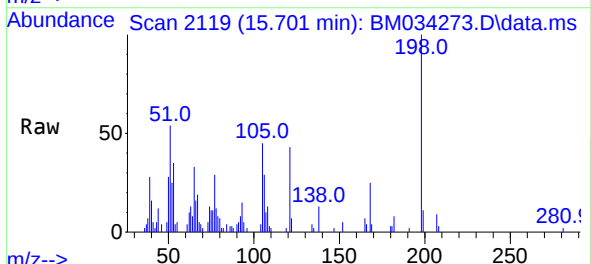
Tgt Ion:188 Resp: 96754
Ion Ratio Lower Upper
188 100
94 8.1 6.6 9.8
80 9.6 7.8 11.8

Manual Integrations
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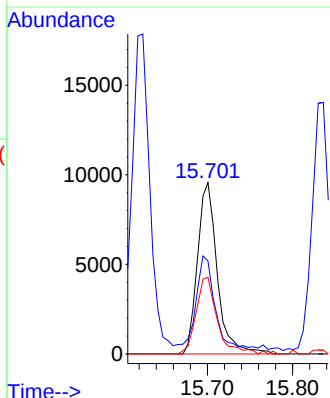
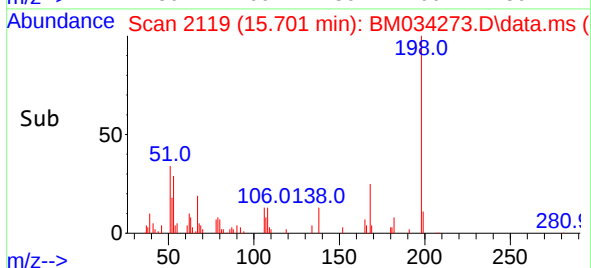
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

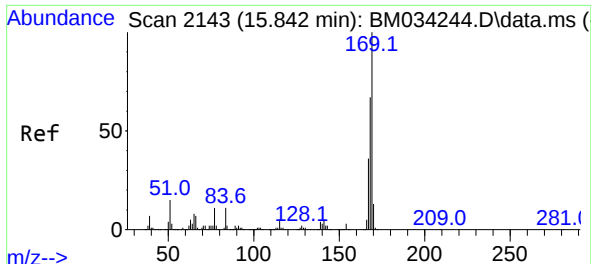


#65
4,6-Dinitro-2-methylphenol
Concen: 2.454 ng
RT: 15.701 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06



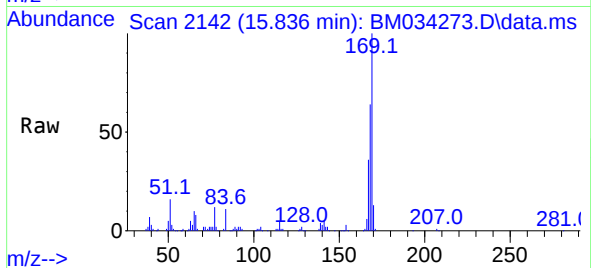
Tgt Ion:198 Resp: 15441
Ion Ratio Lower Upper
198 100
51 54.2 29.0 69.0
105 44.7 25.3 65.3





#66
n-Nitrosodiphenylamine
Concen: 3.933 ng
RT: 15.836 min Scan# 2143
Delta R.T. -0.006 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06

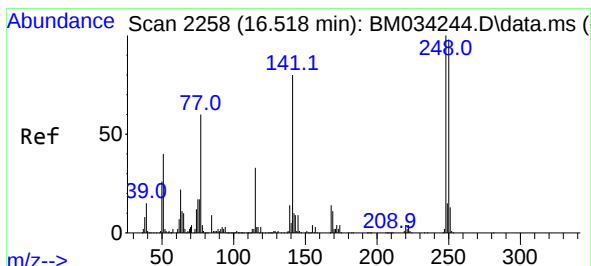
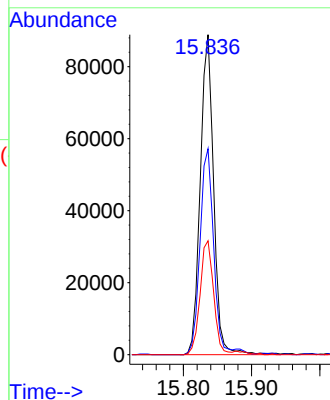
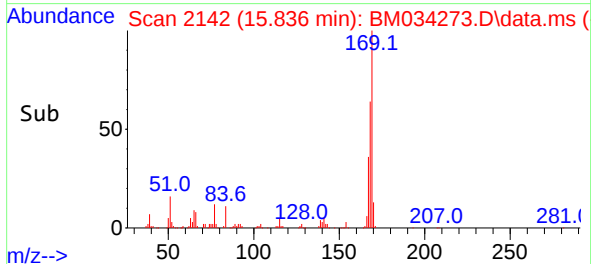
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2022



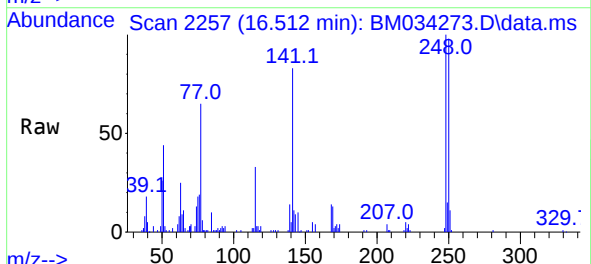
Tgt Ion:169 Resp: 120890
Ion Ratio Lower Upper
169 100
168 64.3 53.9 80.9
167 35.6 29.0 43.4

Manual Integrations
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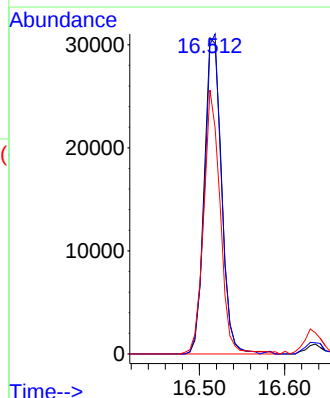
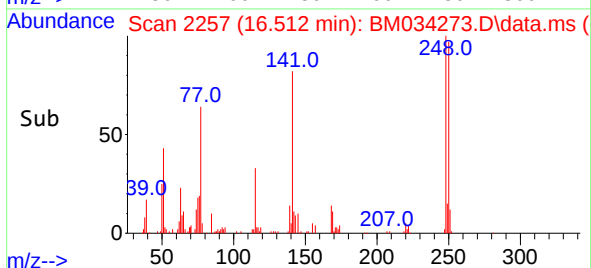
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

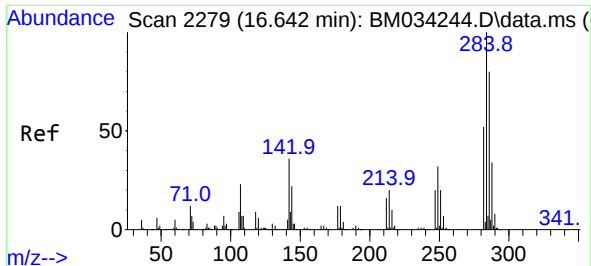


#67
4-Bromophenyl-phenylether
Concen: 3.894 ng
RT: 16.512 min Scan# 2257
Delta R.T. -0.006 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06



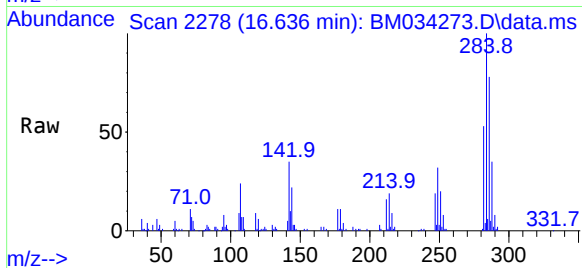
Tgt Ion:248 Resp: 43310
Ion Ratio Lower Upper
248 100
250 97.8 78.0 117.0
141 83.4 63.8 95.6





#68
Hexachlorobenzene
Concen: 4.188 ng
RT: 16.636 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06

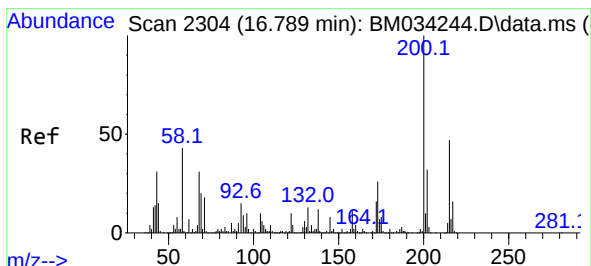
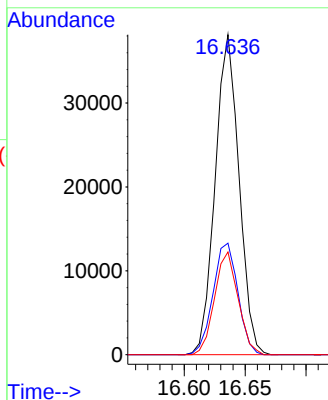
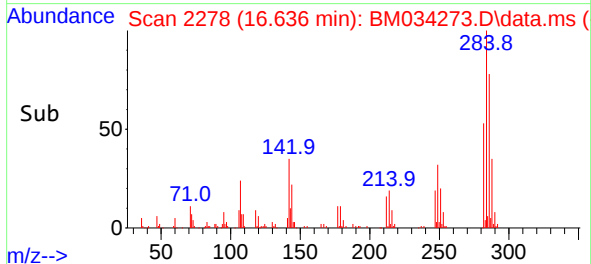
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2022



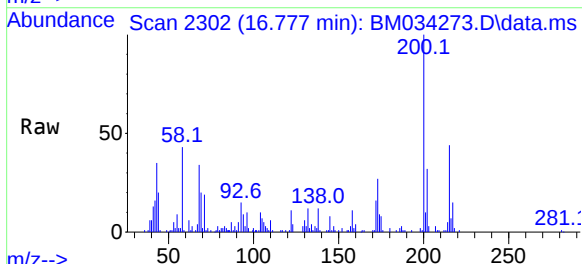
Tgt Ion:284 Resp: 51958
Ion Ratio Lower Upper
284 100
142 34.9 28.9 43.3
249 32.1 25.4 38.0

Manual Integrations
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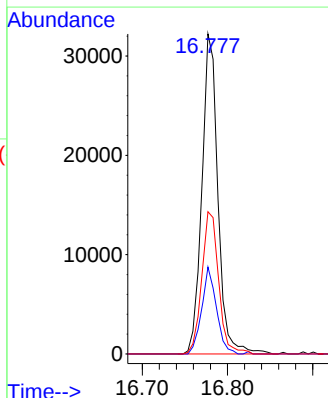
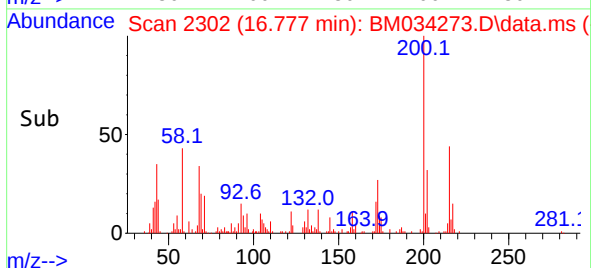
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

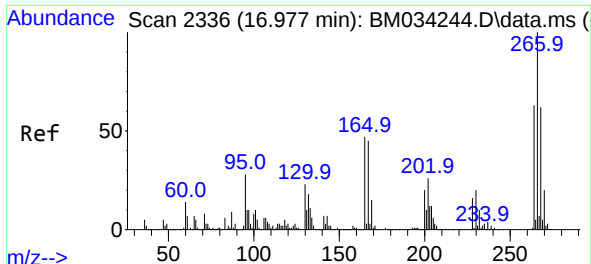


#69
Atrazine
Concen: 4.151 ng
RT: 16.777 min Scan# 2302
Delta R.T. -0.012 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06



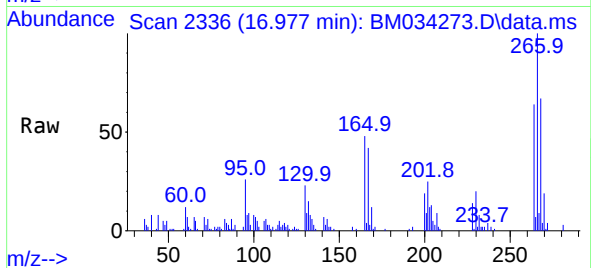
Tgt Ion:200 Resp: 42060
Ion Ratio Lower Upper
200 100
173 27.2 6.1 46.1
215 44.5 27.4 67.4





#70
Pentachlorophenol
Concen: 3.286 ng
RT: 16.977 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06

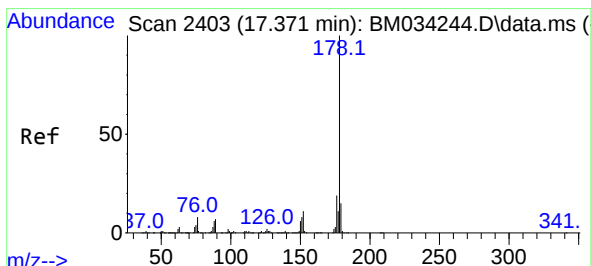
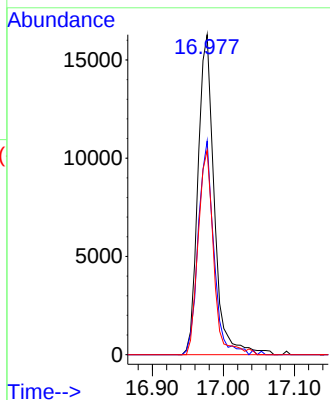
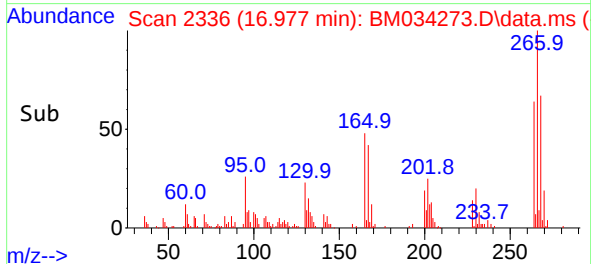
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2022



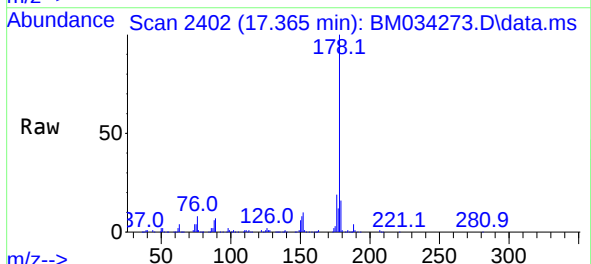
Tgt Ion:266 Resp: 2606
Ion Ratio Lower Upper
266 100
268 66.7 49.8 74.8
264 63.8 50.3 75.5

Manual Integrations
APPROVED

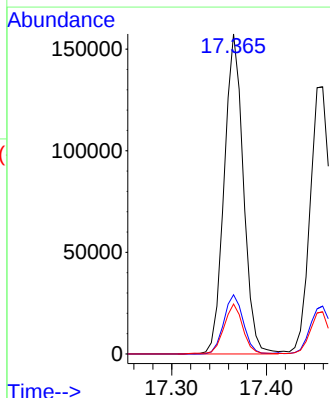
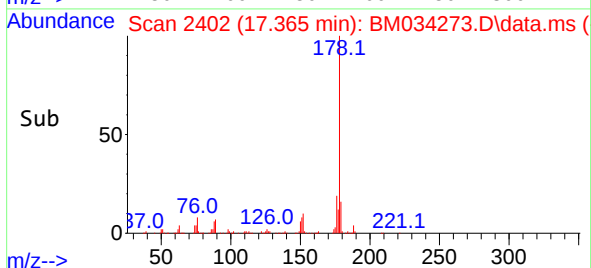
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

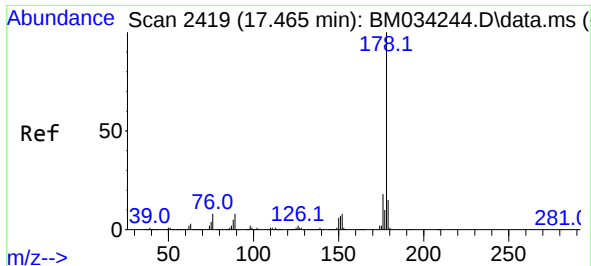


#71
Phenanthrene
Concen: 4.099 ng
RT: 17.365 min Scan# 2402
Delta R.T. -0.006 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06



Tgt Ion:178 Resp: 222079
Ion Ratio Lower Upper
178 100
176 18.5 15.1 22.7
179 15.6 12.2 18.4





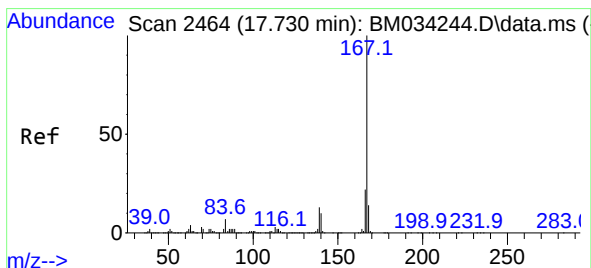
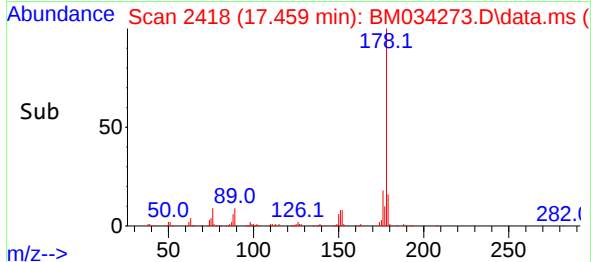
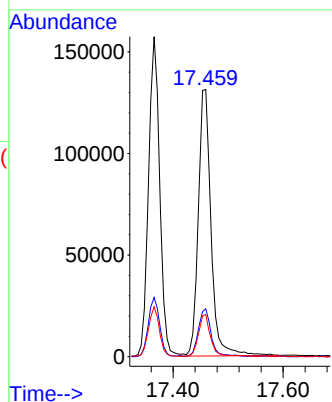
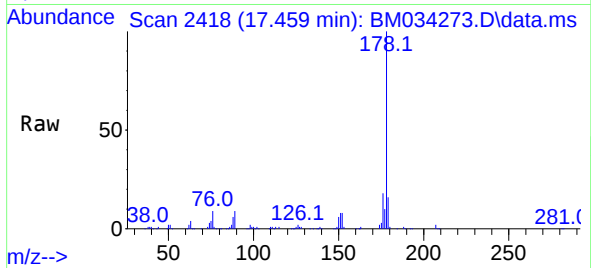
#72
 Anthracene
 Concen: 4.018 ng
 RT: 17.459 min Scan# 2418
 Delta R.T. -0.006 min
 Lab File: BM034273.D
 Acq: 17 Mar 2022 13:06

Instrument : BNA_M
 ClientSampleId :
 MDL-WATER-03-QT1-2022

Tgt Ion:178 Resp: 21189
 Ion Ratio Lower Upper
 178 100
 176 17.9 14.6 22.0
 179 15.8 12.2 18.2

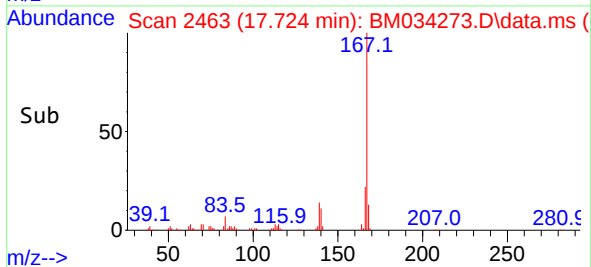
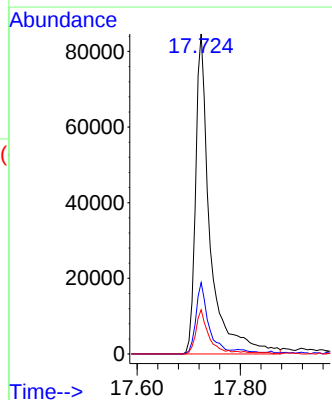
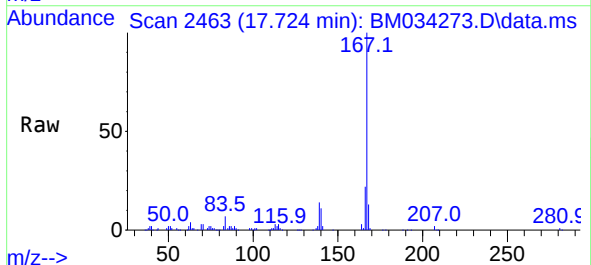
Manual Integrations
 APPROVED

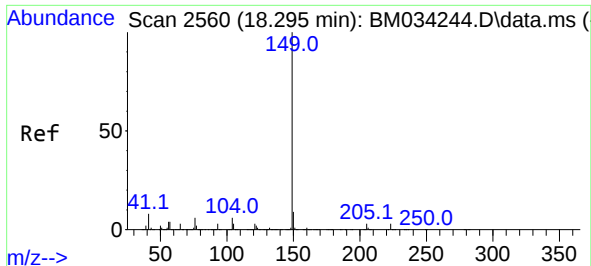
Reviewed By :Christian Giraldo 03/21/2022
 Supervised By :Jagrut Upadhyay 03/22/2022



#73
 Carbazole
 Concen: 3.366 ng
 RT: 17.724 min Scan# 2463
 Delta R.T. -0.006 min
 Lab File: BM034273.D
 Acq: 17 Mar 2022 13:06

Tgt Ion:167 Resp: 165584
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.4 26.2
 139 13.8 10.4 15.6





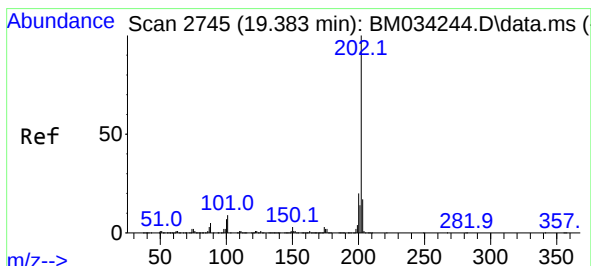
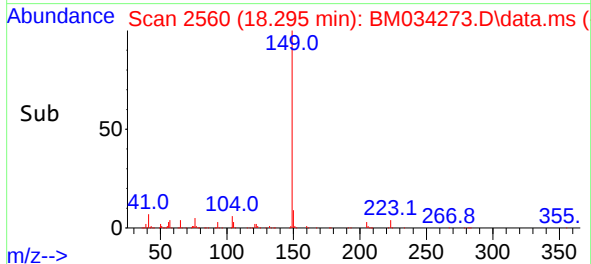
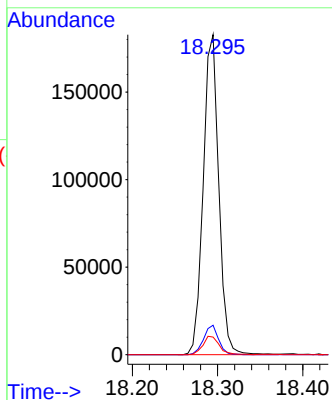
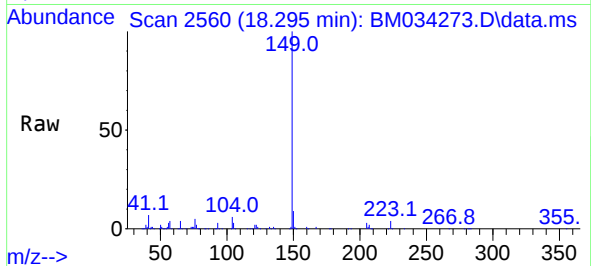
#74
Di-n-butylphthalate
Concen: 3.779 ng
RT: 18.295 min Scan# 2106
Delta R.T. -0.000 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2022

Tgt Ion:149 Resp: 231068
Ion Ratio Lower Upper
149 100
150 9.2 7.6 11.4
104 5.5 4.7 7.1

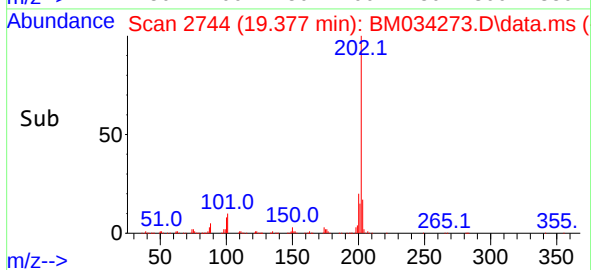
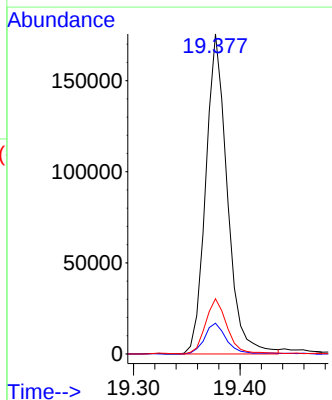
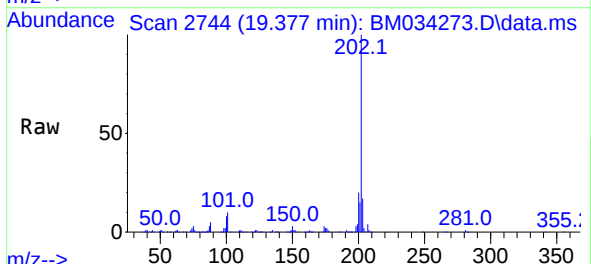
Manual Integrations
APPROVED

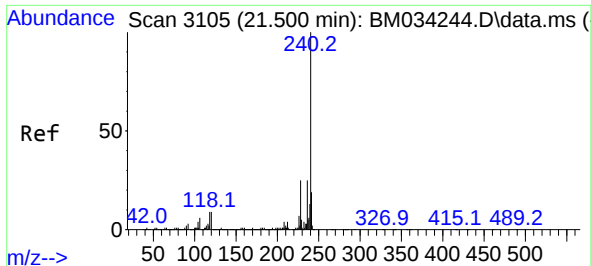
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#75
Fluoranthene
Concen: 4.069 ng
RT: 19.377 min Scan# 2744
Delta R.T. -0.006 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06

Tgt Ion:202 Resp: 247151
Ion Ratio Lower Upper
202 100
101 9.6 0.0 29.4
203 17.3 0.0 37.1





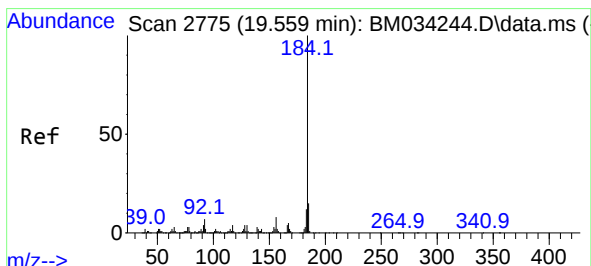
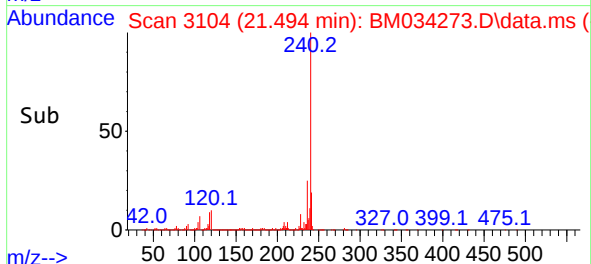
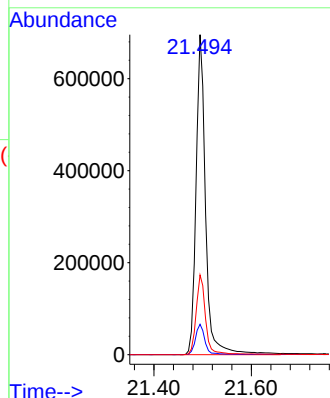
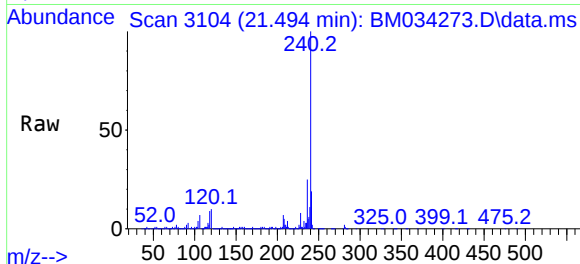
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.494 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2022

Tgt Ion:240 Resp: 955199
Ion Ratio Lower Upper
240 100
120 9.5 7.3 10.9
236 24.9 20.2 30.2

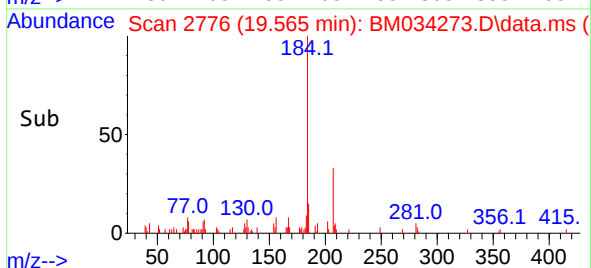
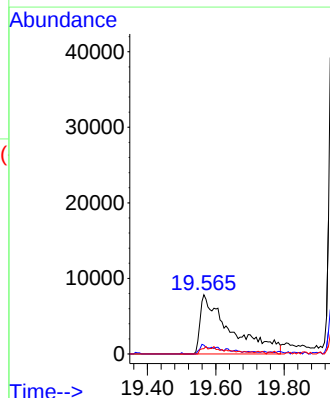
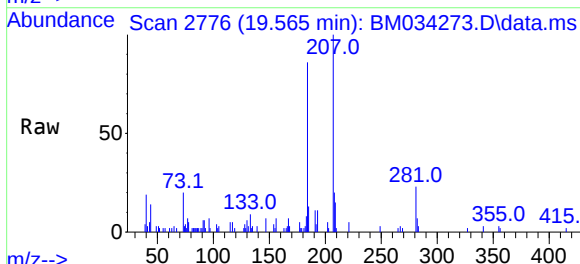
Manual Integrations
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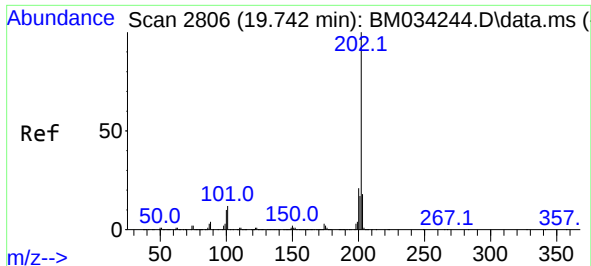
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#77
Benzidine
Concen: 3.425 ng m
RT: 19.565 min Scan# 2776
Delta R.T. 0.006 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06

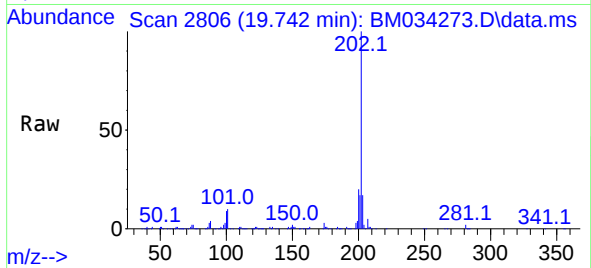
Tgt Ion:184 Resp: 47937
Ion Ratio Lower Upper
184 100
185 14.9 11.7 17.5
183 8.9 9.8 14.6#





#78
Pyrene
Concen: 3.958 ng
RT: 19.742 min Scan# 2806
Delta R.T. -0.000 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06

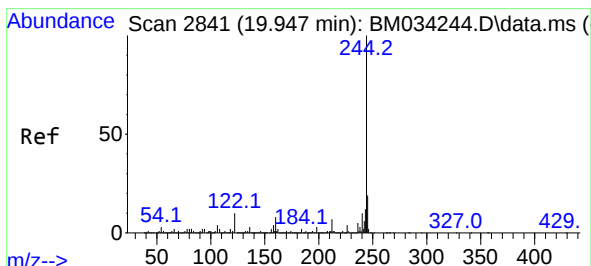
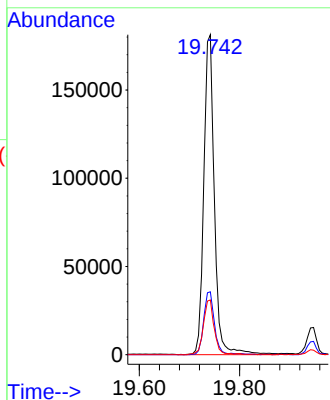
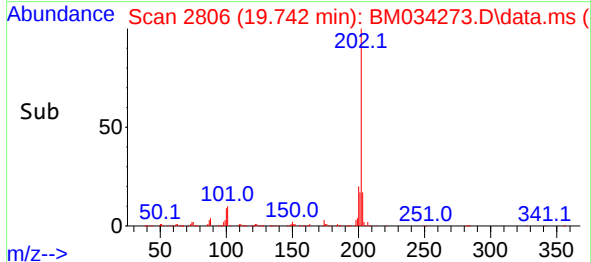
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT1-2022



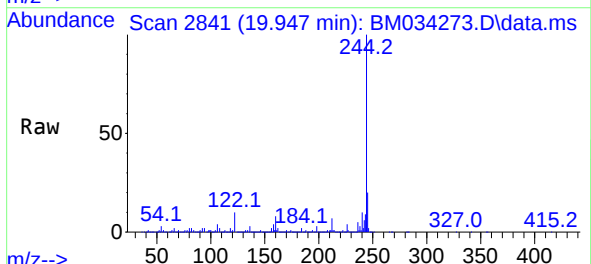
Tgt Ion:202 Resp: 266400
Ion Ratio Lower Upper
202 100
200 19.7 16.6 24.8
203 17.1 14.1 21.1

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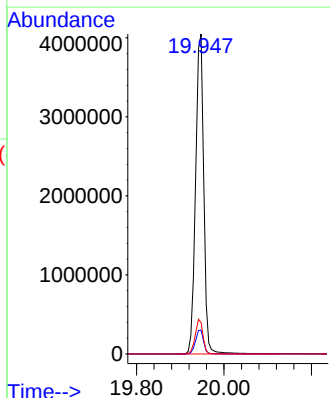
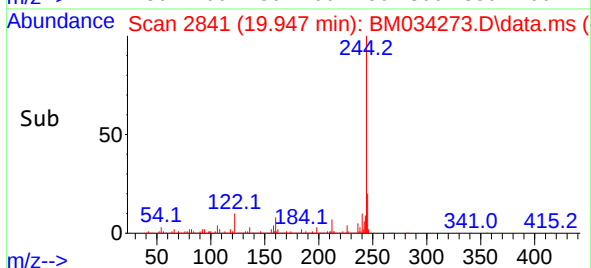
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

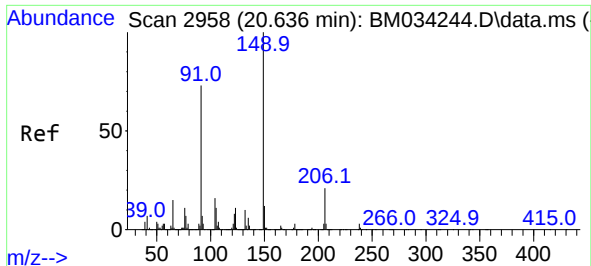


#79
Terphenyl-d14
Concen: 95.943 ng
RT: 19.947 min Scan# 2841
Delta R.T. -0.000 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06



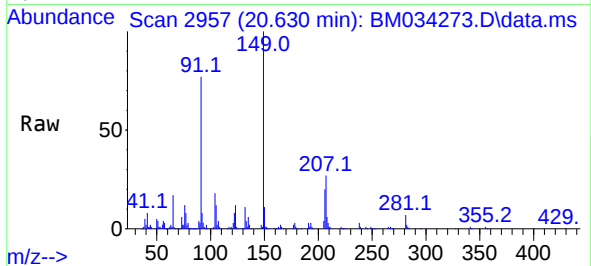
Tgt Ion:244 Resp: 5274192
Ion Ratio Lower Upper
244 100
212 7.4 5.9 8.9
122 9.8 7.8 11.8





#80
Butylbenzylphthalate
Concen: 3.358 ng
RT: 20.630 min Scan# 2957
Delta R.T. -0.006 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06

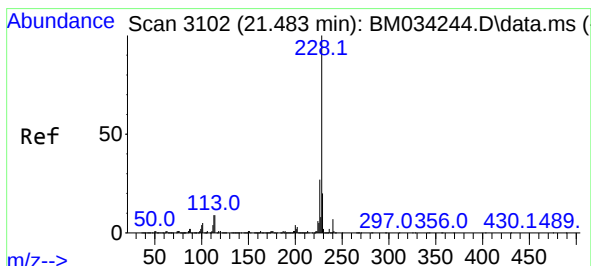
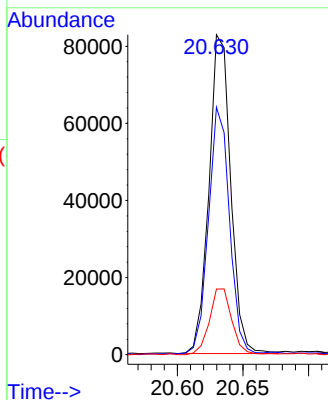
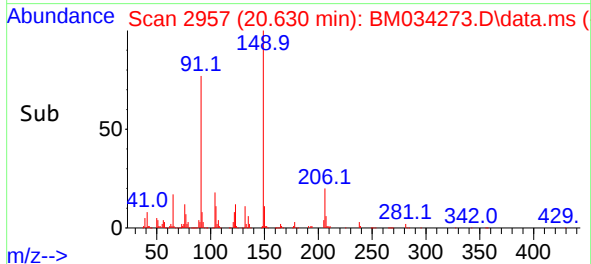
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2022



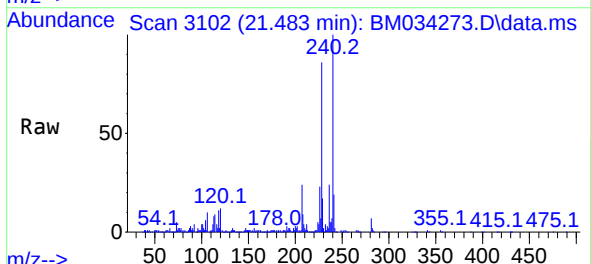
Tgt Ion:149 Resp: 95574
Ion Ratio Lower Upper
149 100
91 77.4 58.5 87.7
206 20.5 16.9 25.3

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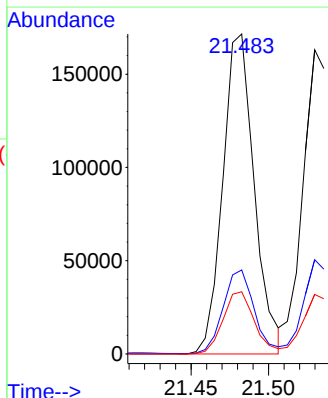
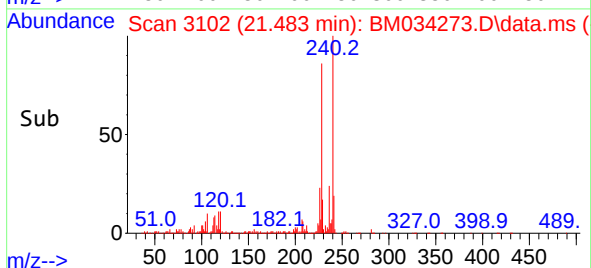
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

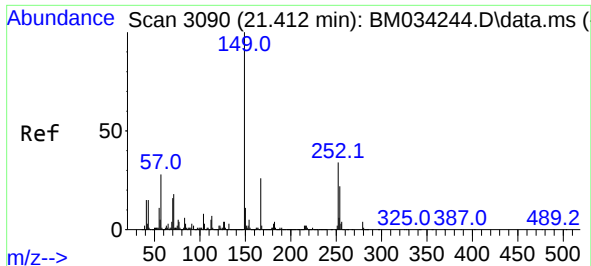


#81
Benzo(a)anthracene
Concen: 4.017 ng
RT: 21.483 min Scan# 3102
Delta R.T. -0.000 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06



Tgt Ion:228 Resp: 242167
Ion Ratio Lower Upper
228 100
226 26.3 21.6 32.4
229 19.4 15.8 23.6





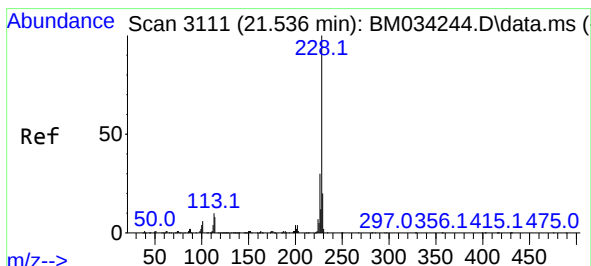
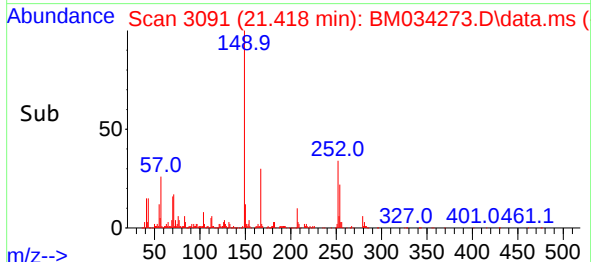
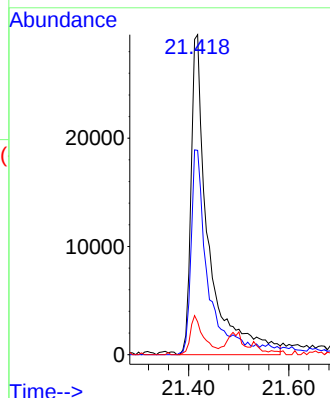
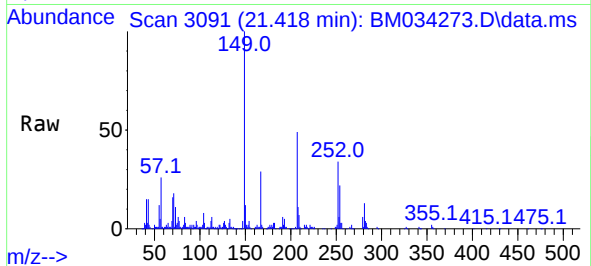
#82
3,3'-Dichlorobenzidine
Concen: 3.537 ng
RT: 21.418 min Scan# 3091
Delta R.T. 0.006 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2022

Tgt Ion:252 Resp: 71230
Ion Ratio Lower Upper
252 100
254 63.9 50.9 76.3
126 10.2 8.6 12.8

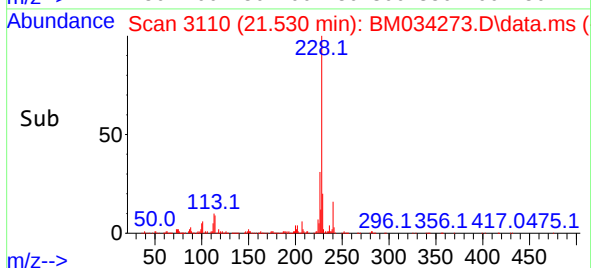
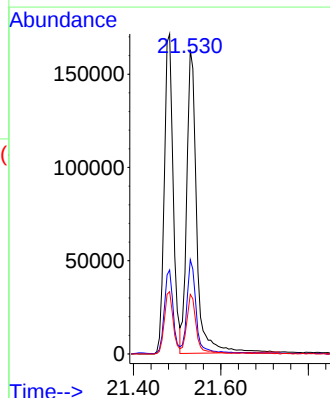
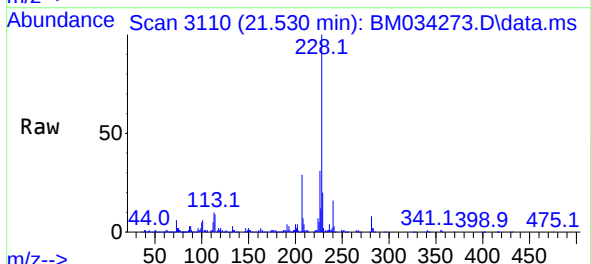
Manual Integrations
APPROVED

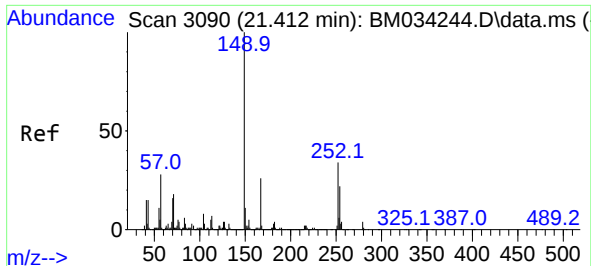
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#83
Chrysene
Concen: 4.160 ng
RT: 21.530 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06

Tgt Ion:228 Resp: 256092
Ion Ratio Lower Upper
228 100
226 31.0 23.8 35.6
229 19.6 15.6 23.4





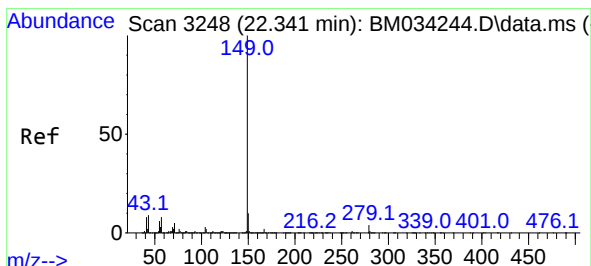
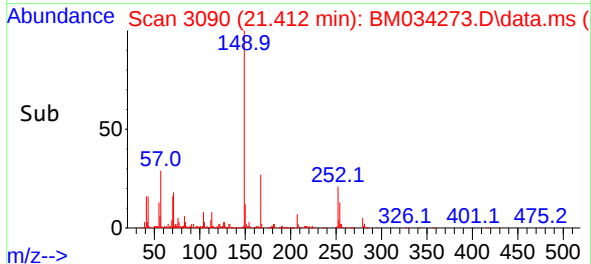
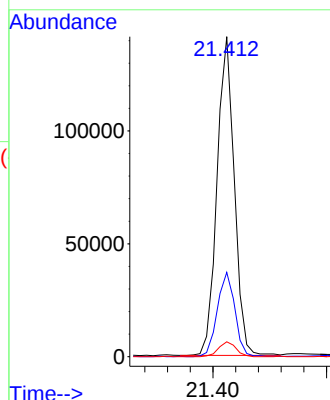
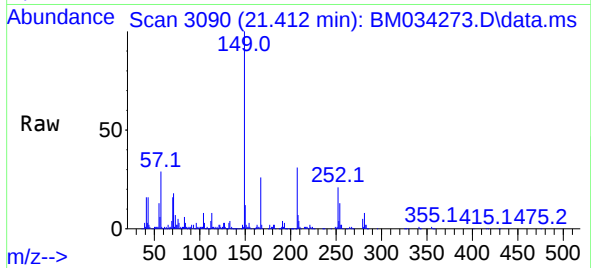
#84
Bis(2-ethylhexyl)phthalate
Concen: 3.549 ng
RT: 21.412 min Scan# 3090
Delta R.T. 0.000 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2022

Tgt Ion:149 Resp: 149170
Ion Ratio Lower Upper
149 100
167 26.4 21.2 31.8
279 4.7 3.4 5.2

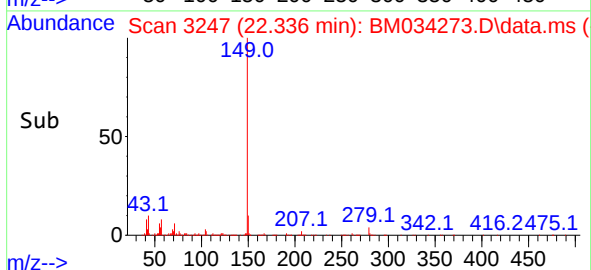
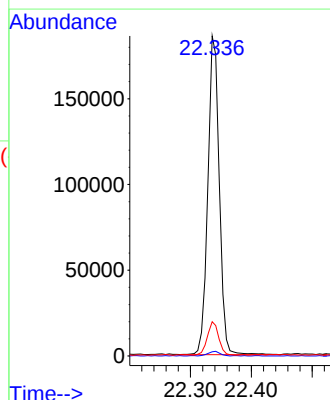
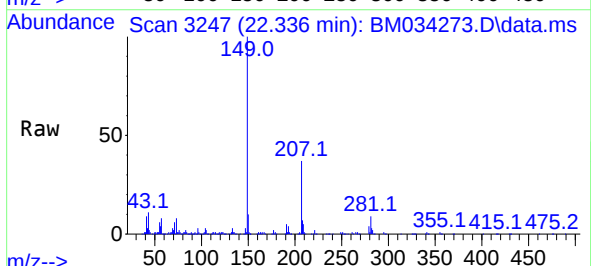
Manual Integrations
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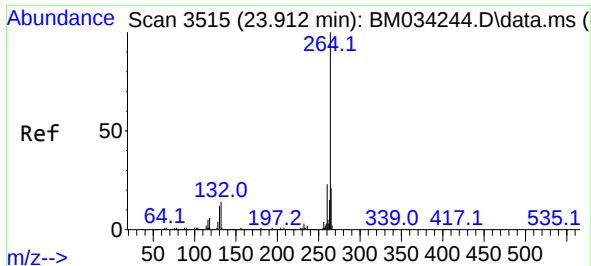
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#85
Di-n-octyl phthalate
Concen: 3.641 ng
RT: 22.336 min Scan# 3247
Delta R.T. -0.006 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06

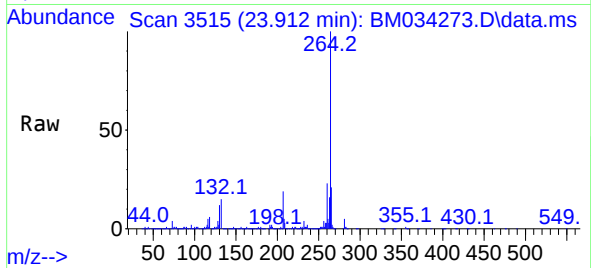
Tgt Ion:149 Resp: 242936
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.3 7.8 11.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.912 min Scan# 3515
Delta R.T. -0.000 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06

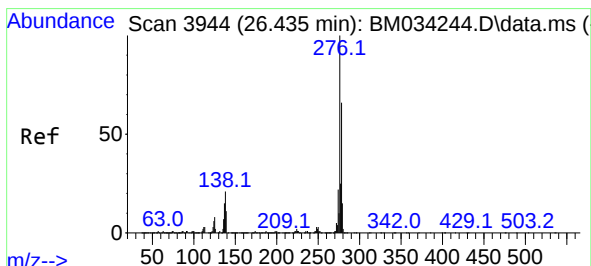
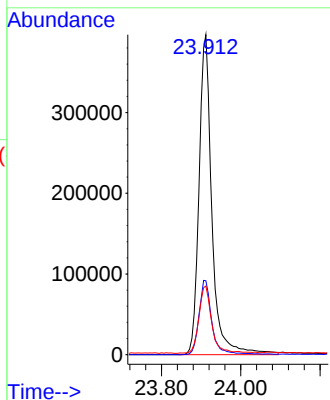
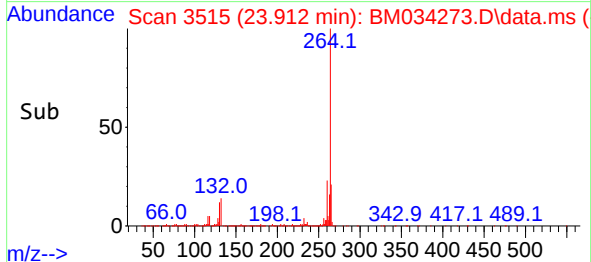
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2022



Tgt Ion:264 Resp: 894838
Ion Ratio Lower Upper
264 100
260 23.1 18.6 28.0
265 21.5 17.6 26.4

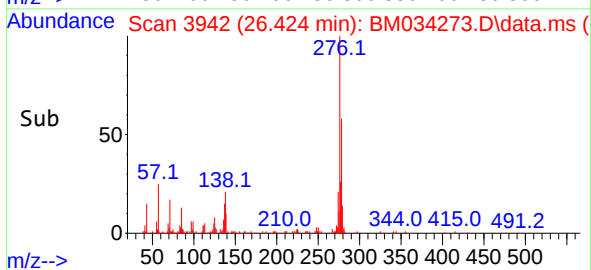
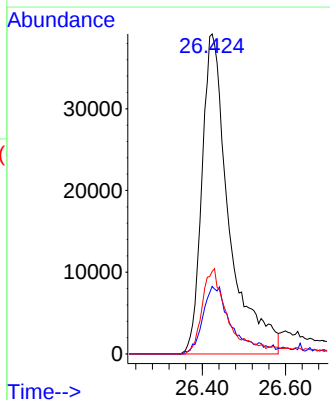
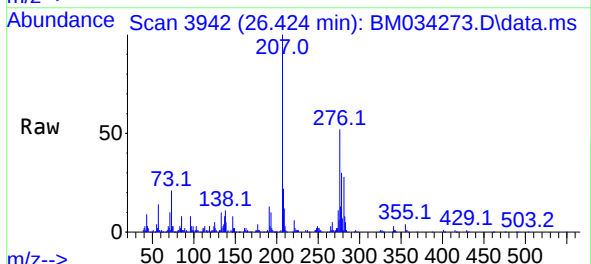
Manual Integrations
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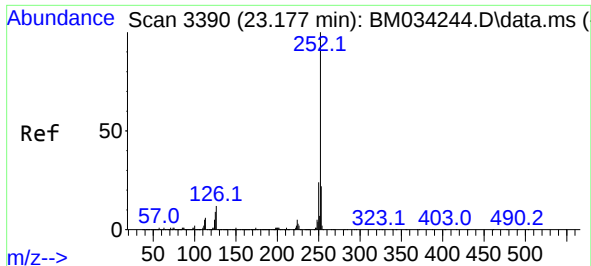
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#87
Indeno(1,2,3-cd)pyrene
Concen: 3.081 ng
RT: 26.424 min Scan# 3942
Delta R.T. -0.012 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06

Tgt Ion:276 Resp: 177345
Ion Ratio Lower Upper
276 100
138 21.3 16.6 25.0
277 25.0 19.8 29.6





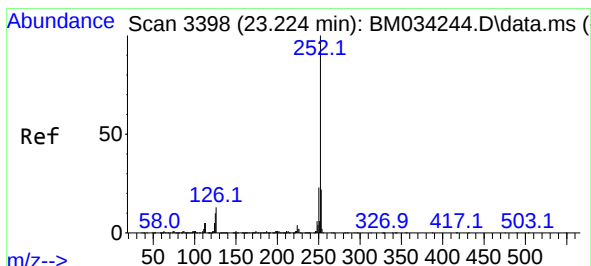
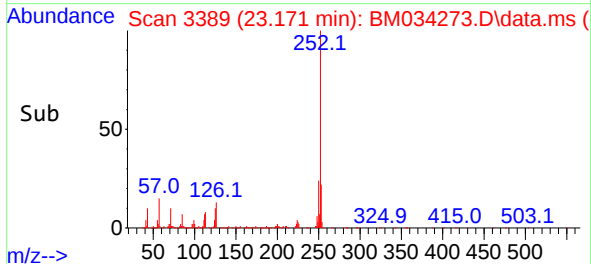
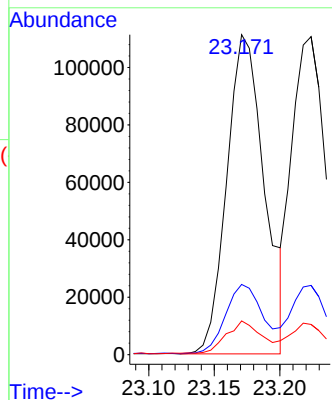
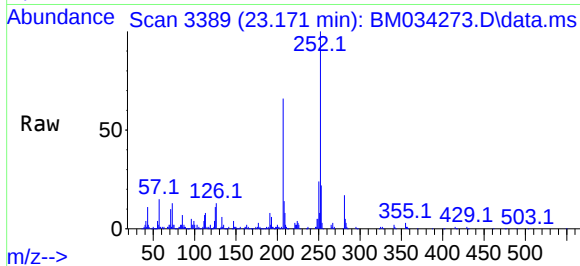
#88
Benzo(b)fluoranthene
Concen: 4.142 ng
RT: 23.171 min Scan# 3390
Delta R.T. -0.006 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06

Instrument : BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2022

Tgt Ion:252 Resp: 22161
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 10.6 7.2 10.8

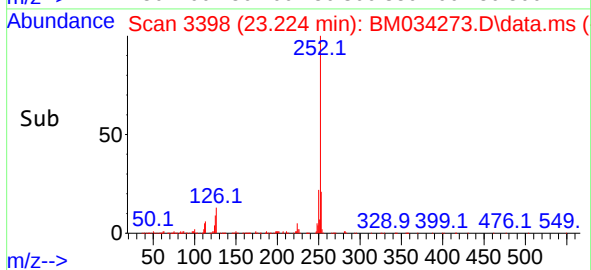
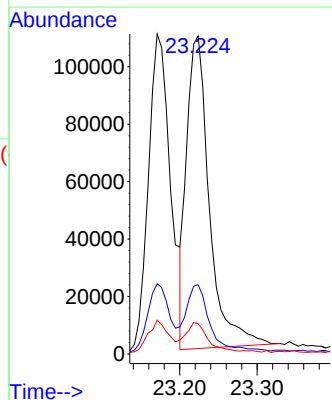
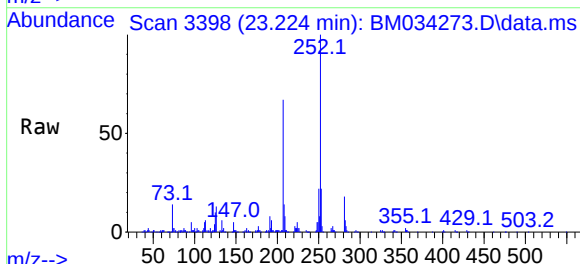
Manual Integrations
APPROVED

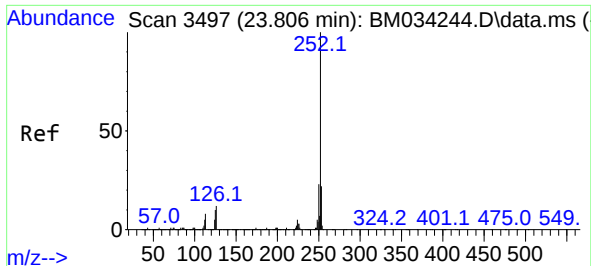
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#89
Benzo(k)fluoranthene
Concen: 3.909 ng
RT: 23.224 min Scan# 3398
Delta R.T. 0.000 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06

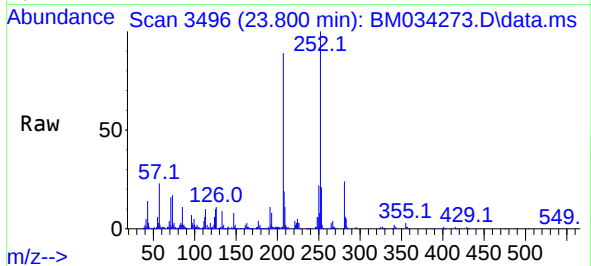
Tgt Ion:252 Resp: 221596
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 9.5 7.5 11.3





#90
Benzo(a)pyrene
Concen: 4.331 ng
RT: 23.800 min Scan# 3497
Delta R.T. -0.006 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06

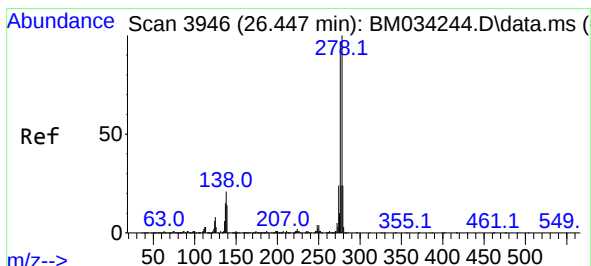
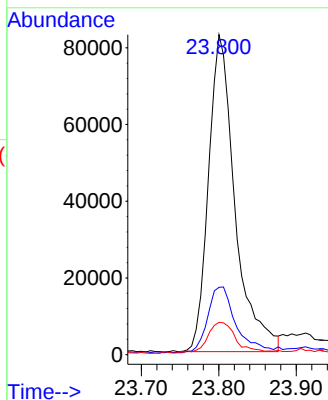
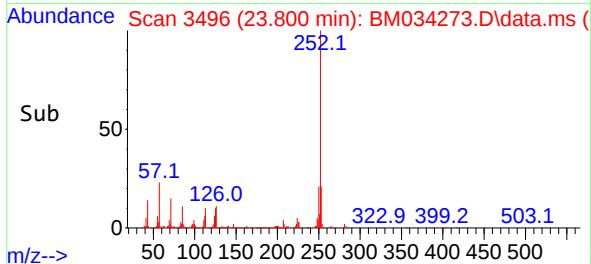
Instrument : BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2022



Tgt Ion:252 Resp: 196484
Ion Ratio Lower Upper
252 100
253 21.1 17.5 26.3
125 10.1 7.8 11.6

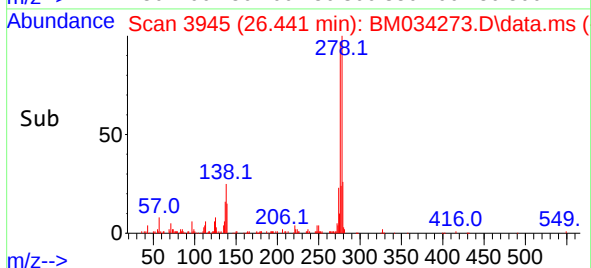
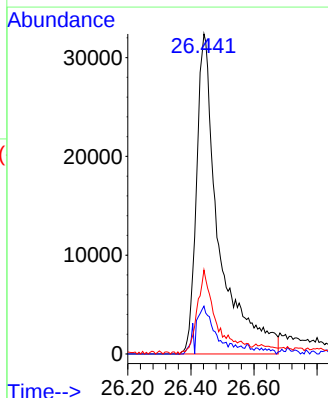
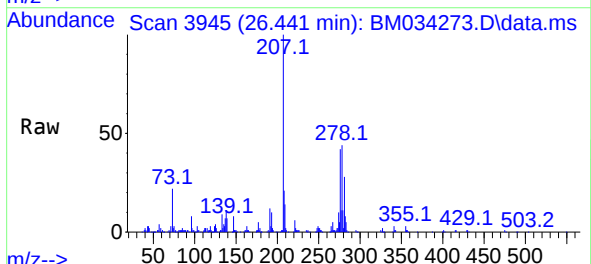
Manual Integrations
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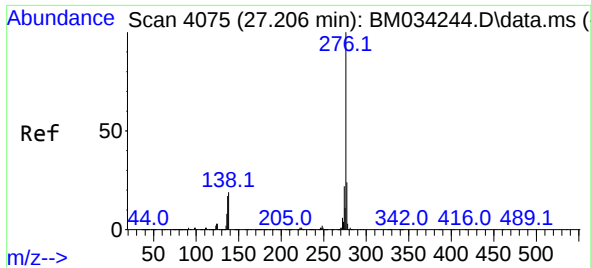
Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022



#91
Dibenzo(a,h)anthracene
Concen: 3.413 ng
RT: 26.441 min Scan# 3945
Delta R.T. -0.006 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06

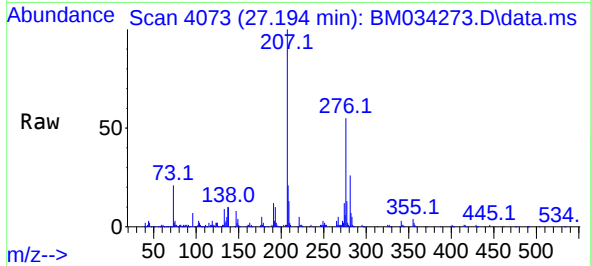
Tgt Ion:278 Resp: 159283
Ion Ratio Lower Upper
278 100
139 14.9 11.2 16.8
279 26.3 19.2 28.8





#92
Benzo(g,h,i)perylene
Concen: 3.532 ng
RT: 27.194 min Scan# 4073
Delta R.T. -0.012 min
Lab File: BM034273.D
Acq: 17 Mar 2022 13:06

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2022



Tgt Ion:276 Resp: 17061
Ion Ratio Lower Upper
276 100
277 23.9 19.0 28.4
138 18.9 15.6 23.4

Manual Integrations
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Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

