

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011923\
 Data File : BM038490.D
 Acq On : 19 Jan 2023 15:11
 Operator : CG/JU
 Sample : N3980-09
 Misc : MDL-MDL-WATER 4PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT3-2022

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/20/2023
 Supervised By : Jagrut Upadhyay 01/20/2023

Quant Time: Jan 20 02:47:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM011623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 19 06:09:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	50907	20.000	ng	0.00
21) Naphthalene-d8	10.786	136	174347	20.000	ng	0.00
39) Acenaphthene-d10	14.604	164	100943	20.000	ng	0.00
64) Phenanthrene-d10	17.345	188	221293	20.000	ng	0.00
76) Chrysene-d12	21.521	240	222895	20.000	ng	0.00
86) Perylene-d12	23.939	264	274270	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	394096	118.088	ng	0.00
7) Phenol-d6	7.134	99	496356	116.106	ng	0.00
23) Nitrobenzene-d5	9.145	82	357336	83.510	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	182382	106.879	ng	0.00
45) 2-Fluorobiphenyl	13.233	172	631480	78.017	ng	0.00
79) Terphenyl-d14	19.962	244	1014155	85.176	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.375	88	6433	4.218	ng	95
3) Pyridine	3.822	79	11768m	2.667	ng	
4) n-Nitrosodimethylamine	3.710	42	9394m	3.599	ng	
6) Aniline	7.298	93	18965	3.512	ng	97
8) 2-Chlorophenol	7.534	128	12124	3.669	ng	98
9) Benzaldehyde	7.116	77	15415	5.392	ng	92
10) Phenol	7.157	94	16733	3.756	ng	80
11) bis(2-Chloroethyl)ether	7.398	93	13584	3.763	ng	97
12) 1,3-Dichlorobenzene	7.857	146	13570	3.834	ng	99
13) 1,4-Dichlorobenzene	8.004	146	14078	3.953	ng	95
14) 1,2-Dichlorobenzene	8.322	146	13655	3.922	ng	89
15) Benzyl Alcohol	8.222	79	11473	3.351	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.504	45	21722	4.316	ng	95
17) 2-Methylphenol	8.416	107	9221	3.065	ng	96
18) Hexachloroethane	9.045	117	5747	3.940	ng	# 74
19) n-Nitroso-di-n-propyla...	8.781	70	11045	3.559	ng	# 90
20) 3+4-Methylphenols	8.745	107	12237	3.029	ng	95
22) Acetophenone	8.810	105	19323	3.750	ng	# 94
24) Nitrobenzene	9.187	77	20109m	4.448	ng	
25) Isophorone	9.710	82	26778	3.533	ng	97
26) 2-Nitrophenol	9.904	139	5020	3.163	ng	# 85
27) 2,4-Dimethylphenol	9.951	122	8378	3.100	ng	87
28) bis(2-Chloroethoxy)met...	10.192	93	15459	3.627	ng	# 93
29) 2,4-Dichlorophenol	10.434	162	9026	3.023	ng	99
30) 1,2,4-Trichlorobenzene	10.645	180	12914	3.740	ng	91
31) Naphthalene	10.834	128	32463	3.513	ng	99
32) Benzoic acid	10.039	122	4067m	6.714	ng	
33) 4-Chloroaniline	10.957	127	12248	3.020	ng	96
34) Hexachlorobutadiene	11.110	225	8115	3.351	ng	91
35) Caprolactam	11.733	113	2128	2.522	ng	# 63
36) 4-Chloro-3-methylphenol	12.069	107	9928	3.050	ng	# 83
37) 2-Methylnaphthalene	12.439	142	21062	3.117	ng	97
38) 1-Methylnaphthalene	12.657	142	20280	3.197	ng	96
40) 1,2,4,5-Tetrachloroben...	12.804	216	12776	3.382	ng	98
41) Hexachlorocyclopentadiene	12.775	237	6749	3.142	ng	96
43) 2,4,6-Trichlorophenol	13.045	196	7579	3.173	ng	94

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 19 06:09:42 2023
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Manual Integrations APPROVED

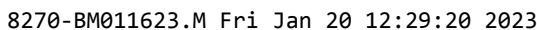
Reviewed By :Christian Giraldo 01/20/2023
 Supervised By :Jagrut Upadhyay 01/20/2023

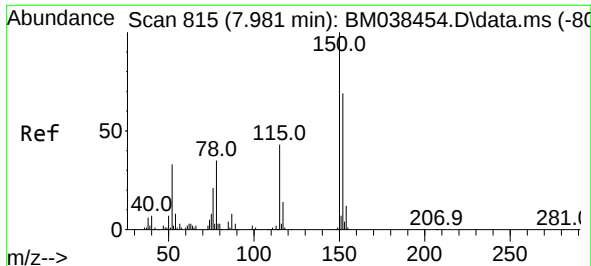
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.122	196	8233	2.924	ng	# 93
46) 1,1'-Biphenyl	13.445	154	29125	3.719	ng	99
47) 2-Chloronaphthalene	13.486	162	23299	3.780	ng	99
48) 2-Nitroaniline	13.704	65	6898	4.930	ng	88
49) Acenaphthylene	14.327	152	30423	3.131	ng	97
50) Dimethylphthalate	14.063	163	26619	3.254	ng	96
51) 2,6-Dinitrotoluene	14.186	165	4909	2.950	ng	# 85
52) Acenaphthene	14.669	154	20357	3.447	ng	96
53) 3-Nitroaniline	14.527	138	4019	4.723	ng	87
54) 2,4-Dinitrophenol	14.739	184	2129	6.917	ng	# 88
55) Dibenzofuran	15.004	168	34056	3.387	ng	99
56) 4-Nitrophenol	14.833	139	2528	5.543	ng	# 61
57) 2,4-Dinitrotoluene	14.980	165	6136	2.652	ng	# 94
58) Fluorene	15.651	166	25544	3.041	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.227	232	6605	2.646	ng	93
60) Diethylphthalate	15.416	149	25792	3.073	ng	98
61) 4-Chlorophenyl-phenyle...	15.645	204	13671	2.965	ng	99
62) 4-Nitroaniline	15.686	138	3883	4.801	ng	85
63) Azobenzene	15.933	77	31467	3.408	ng	99
65) 4,6-Dinitro-2-methylph...	15.733	198	3646	2.428	ng	93
66) n-Nitrosodiphenylamine	15.857	169	21382	3.293	ng	93
67) 4-Bromophenyl-phenylether	16.539	248	7856	3.069	ng	93
68) Hexachlorobenzene	16.645	284	9555	3.333	ng	95
69) Atrazine	16.804	200	7362	3.206	ng	98
70) Pentachlorophenol	16.998	266	5019	2.399	ng	97
71) Phenanthrene	17.386	178	41068	3.354	ng	97
72) Anthracene	17.480	178	38718	3.077	ng	96
73) Carbazole	17.757	167	34410	3.127	ng	99
74) Di-n-butylphthalate	18.304	149	39469	3.020	ng	98
75) Fluoranthene	19.398	202	46412	3.016	ng	98
77) Benzidine	19.592	184	18264	3.740	ng	97
78) Pyrene	19.762	202	49595	3.343	ng	97
80) Butylbenzylphthalate	20.651	149	16888	3.115	ng	# 85
81) Benzo(a)anthracene	21.503	228	53998	3.368	ng	98
82) 3,3'-Dichlorobenzidine	21.439	252	18140	3.514	ng	99
83) Chrysene	21.556	228	52803	3.389	ng	97
84) Bis(2-ethylhexyl)phtha...	21.415	149	23298	2.989	ng	# 89
85) Di-n-octyl phthalate	22.345	149	41973	3.061	ng	# 92
87) Indeno(1,2,3-cd)pyrene	26.450	276	66557	3.279	ng	97
88) Benzo(b)fluoranthene	23.197	252	56078	3.297	ng	# 94
89) Benzo(k)fluoranthene	23.244	252	58327	3.317	ng	99
90) Benzo(a)pyrene	23.827	252	50248	3.011	ng	# 96
91) Dibenzo(a,h)anthracene	26.456	278	57208	3.359	ng	# 95
92) Benzo(g,h,i)perylene	27.227	276	60247	3.565	ng	# 96

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

Manual Integrations APPROVED

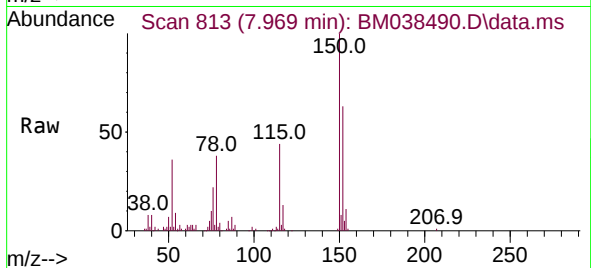
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.969 min Scan# 815
Delta R.T. -0.006 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

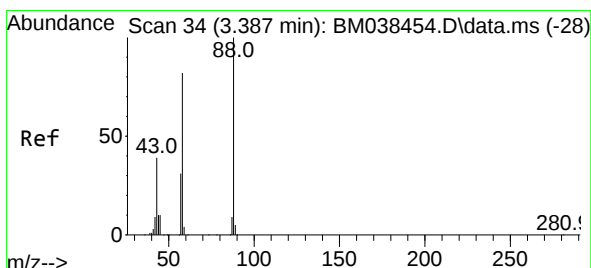
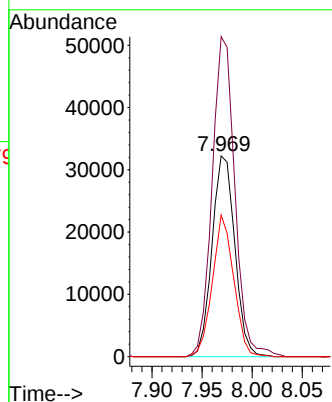
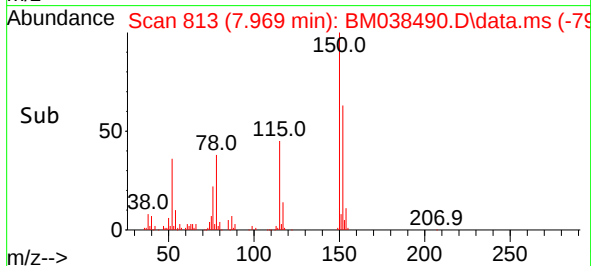
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion:152 Resp: 5090
Ion Ratio Lower Upper
152 100
150 159.4 116.0 174.0
115 70.5 49.4 74.2

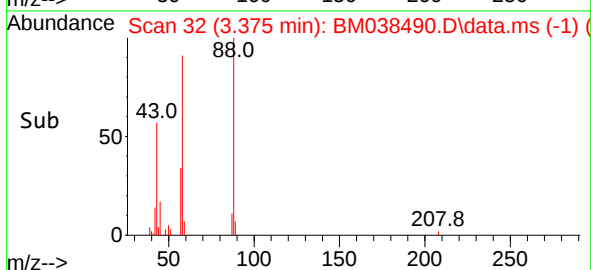
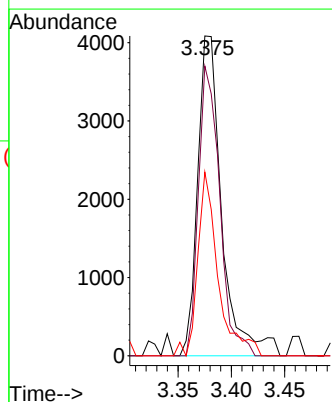
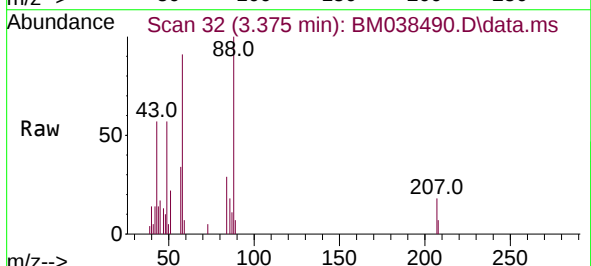
Manual Integrations
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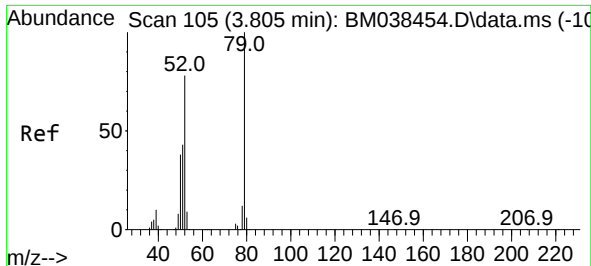
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#2
1,4-Dioxane
Concen: 4.218 ng
RT: 3.375 min Scan# 32
Delta R.T. -0.006 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

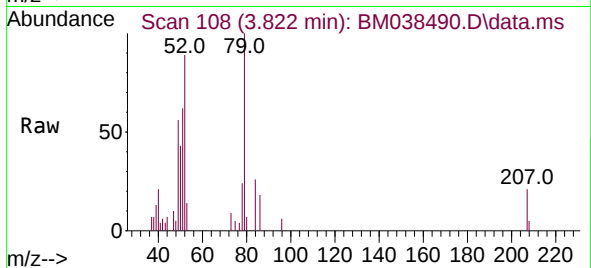
Tgt Ion: 88 Resp: 6433
Ion Ratio Lower Upper
88 100
58 79.9 64.3 96.5
43 48.4 32.3 48.5





#3
Pyridine
Concen: 2.667 ng m
RT: 3.822 min Scan# 10
Delta R.T. 0.030 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

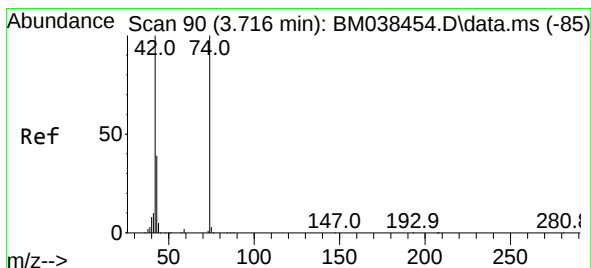
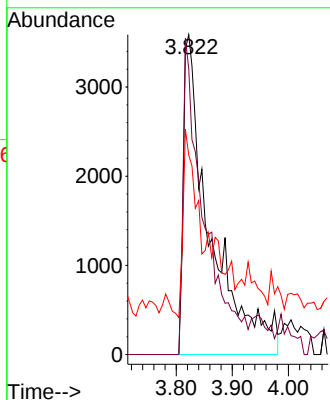
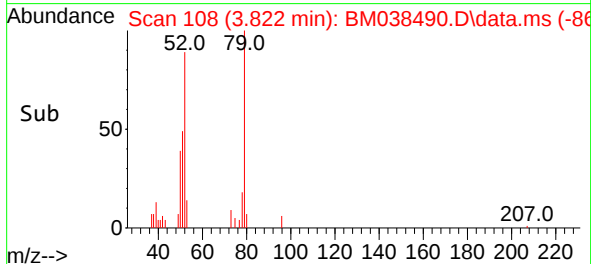
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2022



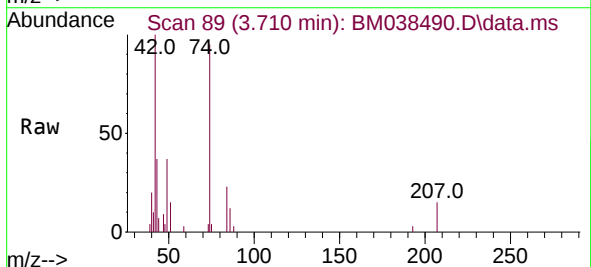
Tgt Ion: 79 Resp: 11768
Ion Ratio Lower Upper
79 100
52 89.2 62.2 93.2
51 62.3 34.8 52.2

Manual Integrations
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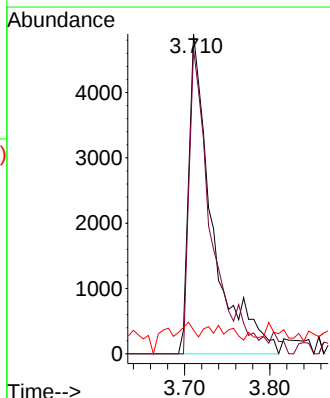
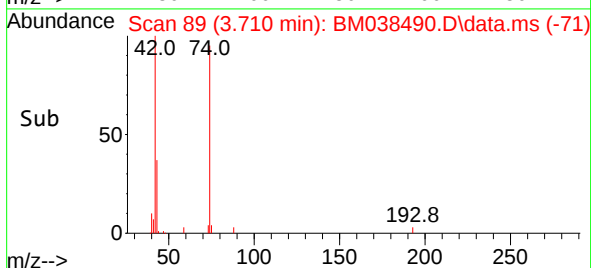
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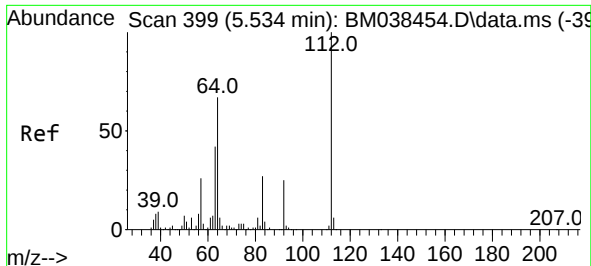


#4
n-Nitrosodimethylamine
Concen: 3.599 ng m
RT: 3.710 min Scan# 89
Delta R.T. 0.006 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11



Tgt Ion: 42 Resp: 9394
Ion Ratio Lower Upper
42 100
74 95.2 79.7 119.5
44 7.4 4.7 7.1





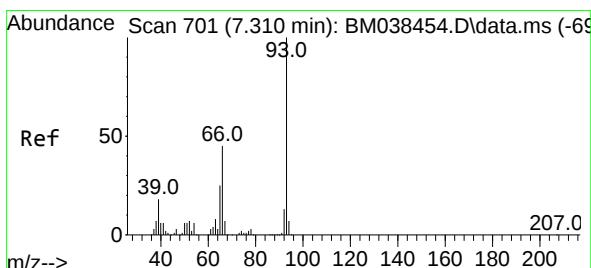
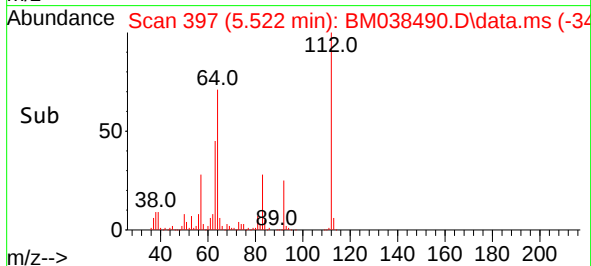
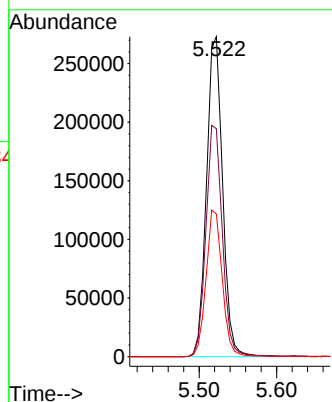
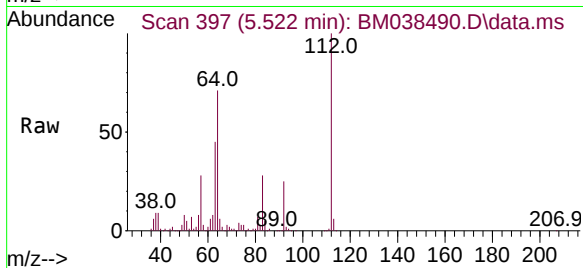
#5
2-Fluorophenol
Concen: 118.088 ng
RT: 5.522 min Scan# 399
Delta R.T. 0.000 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2022

Tgt Ion: 112 Resp: 394096
Ion Ratio Lower Upper
112 100
64 71.2 53.7 80.5
63 44.6 33.7 50.5

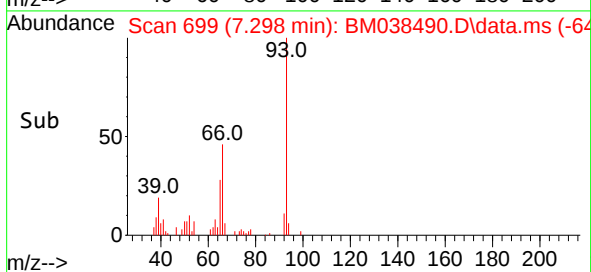
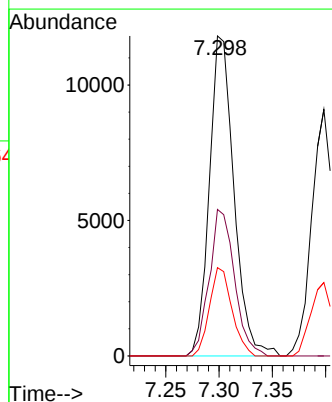
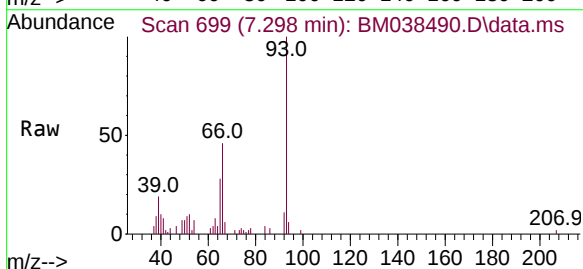
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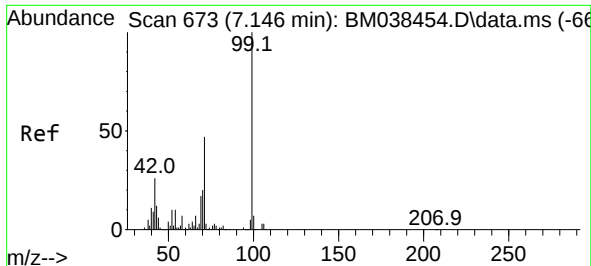
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#6
Aniline
Concen: 3.512 ng
RT: 7.298 min Scan# 699
Delta R.T. -0.006 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

Tgt Ion: 93 Resp: 18965
Ion Ratio Lower Upper
93 100
66 45.8 36.2 54.2
65 27.6 19.8 29.8





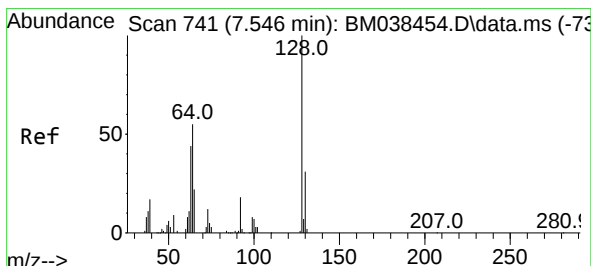
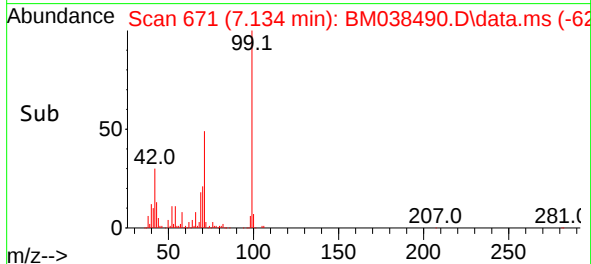
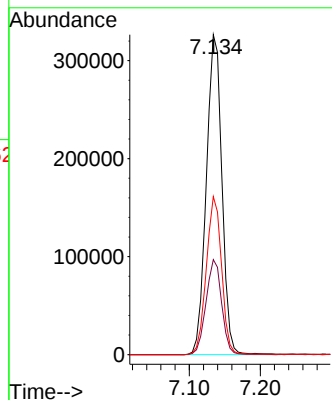
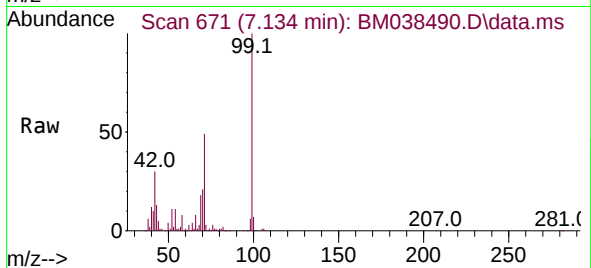
#7
Phenol-d6
Concen: 116.106 ng
RT: 7.134 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2022

Tgt Ion: 99 Resp: 496356
Ion Ratio Lower Upper
99 100
42 29.7 20.8 31.2
71 49.4 37.8 56.8

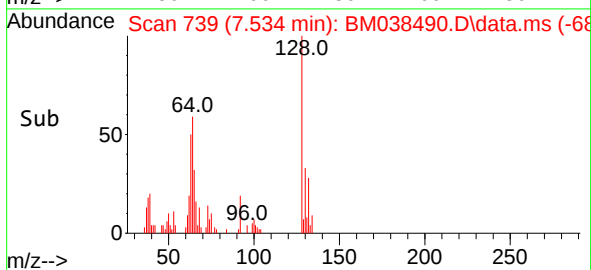
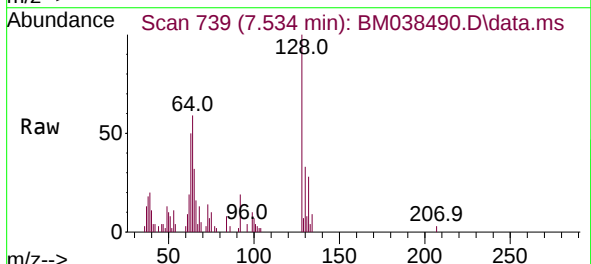
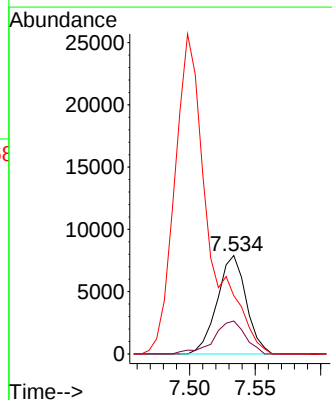
Manual Integrations
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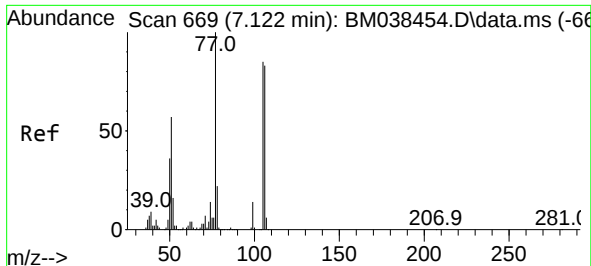
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#8
2-Chlorophenol
Concen: 3.669 ng
RT: 7.534 min Scan# 739
Delta R.T. 0.000 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

Tgt Ion:128 Resp: 12124
Ion Ratio Lower Upper
128 100
130 33.4 11.5 51.5
64 59.2 38.0 78.0





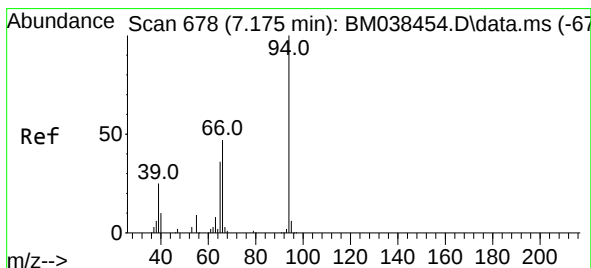
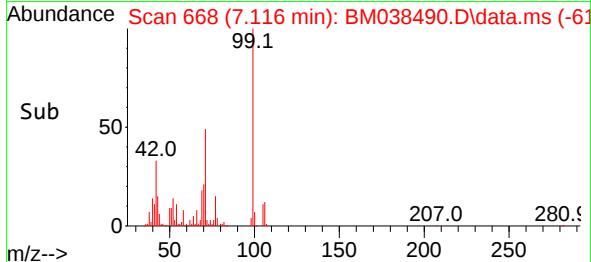
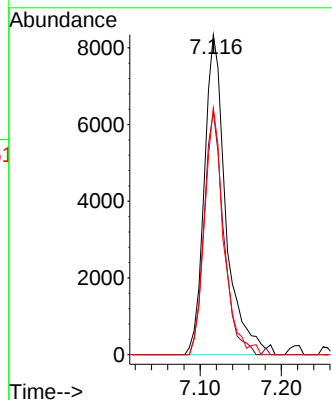
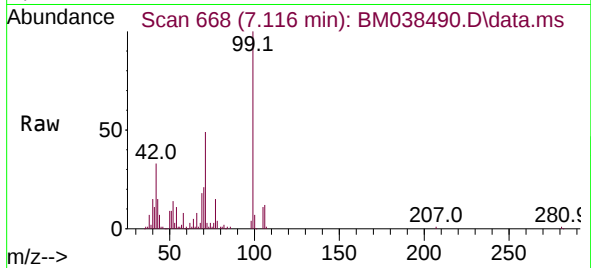
#9
Benzaldehyde
Concen: 5.392 ng
RT: 7.116 min Scan# 60
Delta R.T. 0.000 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2022

Tgt Ion: 77 Resp: 15415
Ion Ratio Lower Upper
77 100
105 76.0 65.3 105.3
106 77.1 62.5 102.5

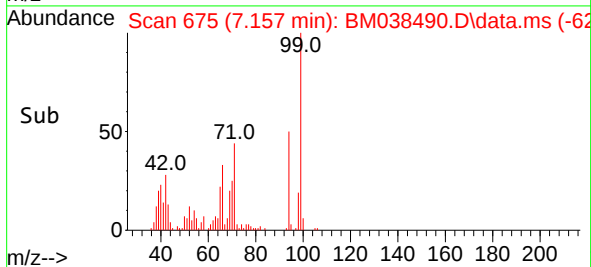
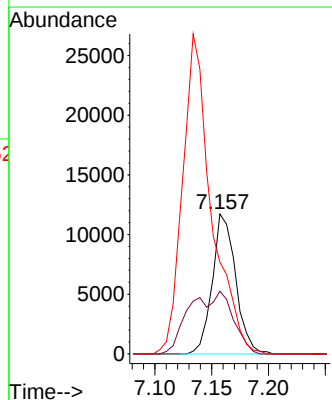
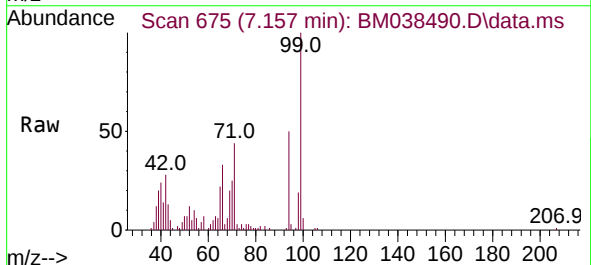
Manual Integrations
APPROVED

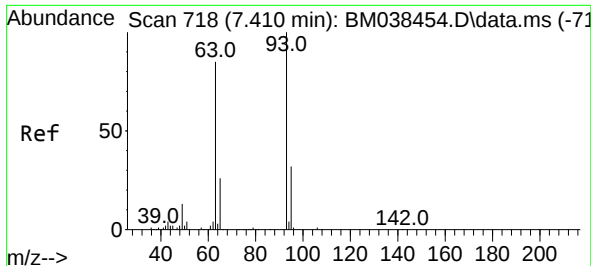
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#10
Phenol
Concen: 3.756 ng
RT: 7.157 min Scan# 675
Delta R.T. -0.006 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

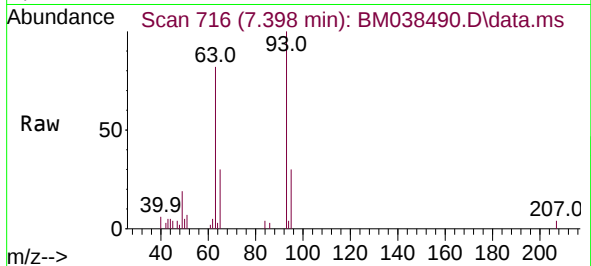
Tgt Ion: 94 Resp: 16733
Ion Ratio Lower Upper
94 100
65 44.8 16.3 56.3
66 65.6 29.2 69.2





#11
bis(2-Chloroethyl)ether
Concen: 3.763 ng
RT: 7.398 min Scan# 718
Delta R.T. 0.000 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

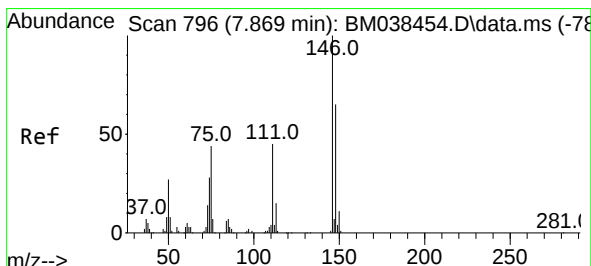
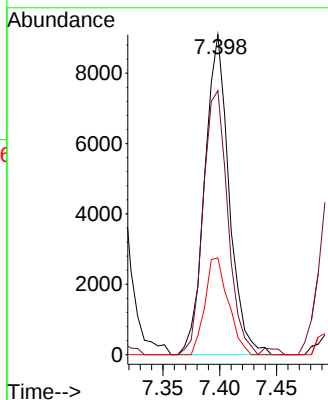
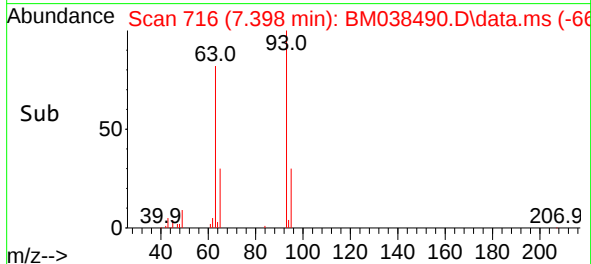
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2022



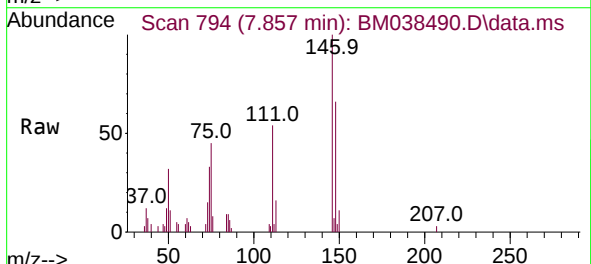
Tgt Ion: 93 Resp: 13584
Ion Ratio Lower Upper
93 100
63 82.5 64.6 104.6
95 30.2 12.0 52.0

Manual Integrations
APPROVED

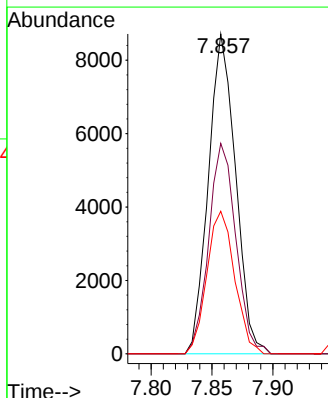
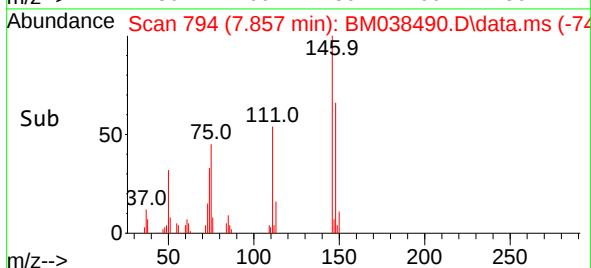
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

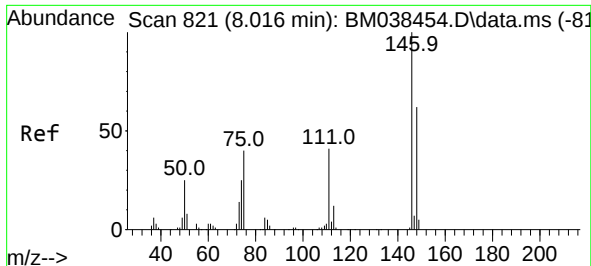


#12
1,3-Dichlorobenzene
Concen: 3.834 ng
RT: 7.857 min Scan# 794
Delta R.T. -0.006 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11



Tgt Ion:146 Resp: 13570
Ion Ratio Lower Upper
146 100
148 65.8 51.8 77.8
75 44.6 35.1 52.7





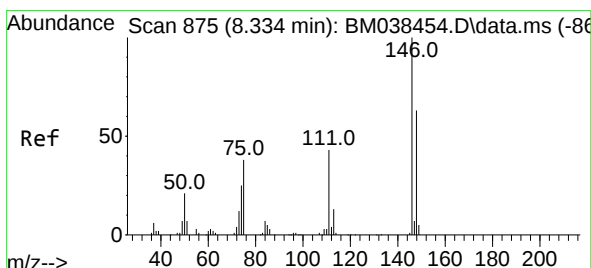
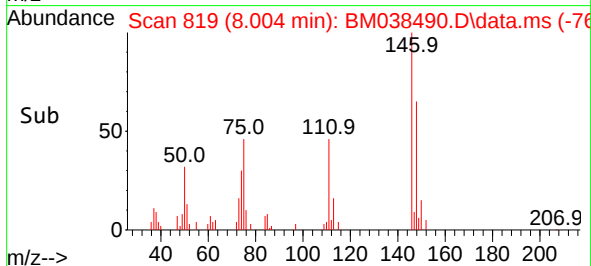
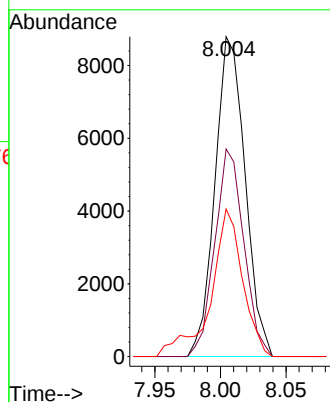
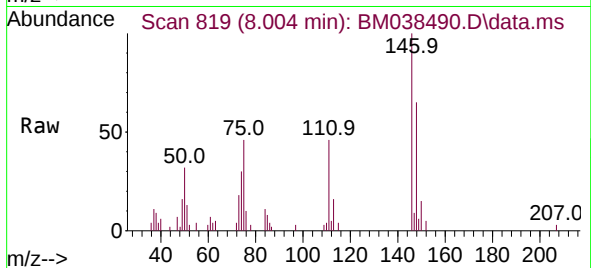
#13
1,4-Dichlorobenzene
Concen: 3.953 ng
RT: 8.004 min Scan# 819
Delta R.T. -0.006 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2022

Tgt Ion:146 Resp: 14078
Ion Ratio Lower Upper
146 100
148 64.9 50.1 75.1
111 46.1 32.8 49.2

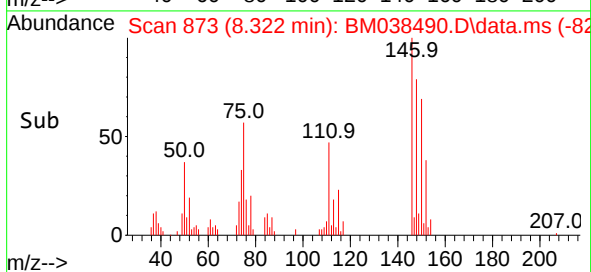
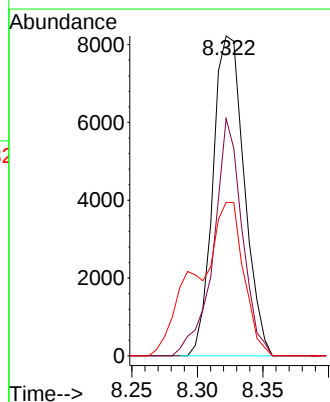
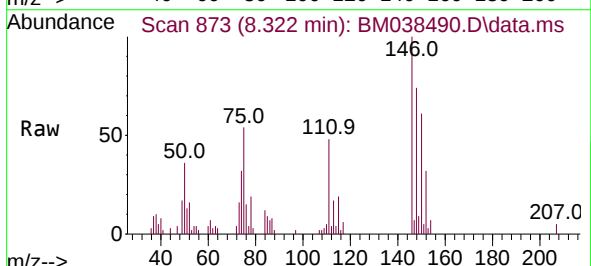
Manual Integrations
APPROVED

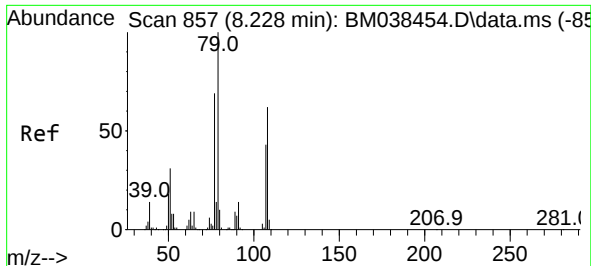
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#14
1,2-Dichlorobenzene
Concen: 3.922 ng
RT: 8.322 min Scan# 873
Delta R.T. -0.006 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

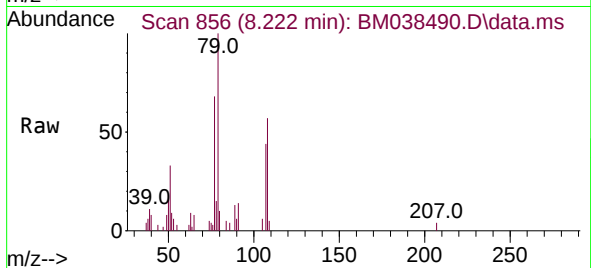
Tgt Ion:146 Resp: 13655
Ion Ratio Lower Upper
146 100
148 74.1 50.7 76.1
111 48.0 35.2 52.8





#15
Benzyl Alcohol
Concen: 3.351 ng
RT: 8.222 min Scan# 857
Delta R.T. 0.000 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

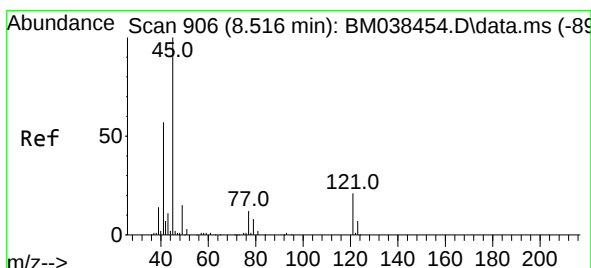
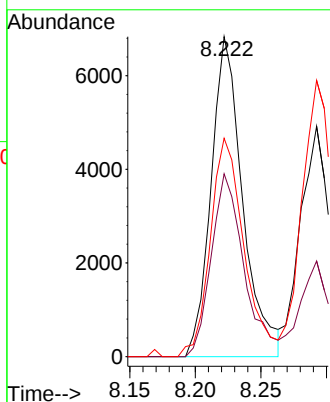
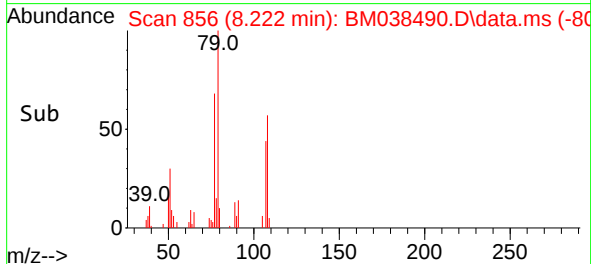
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion: 79 Resp: 11473
Ion Ratio Lower Upper
79 100
108 57.1 49.3 73.9
77 68.2 55.1 82.7

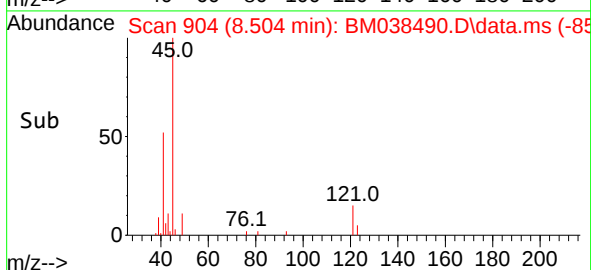
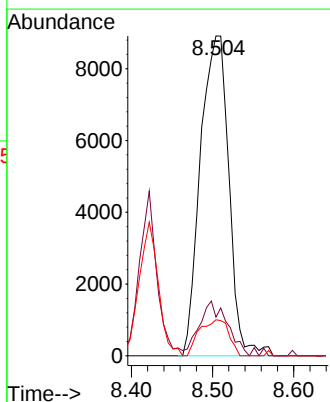
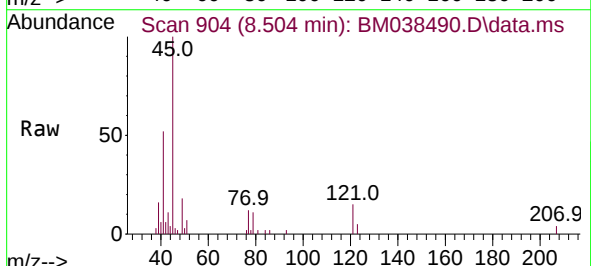
Manual Integrations
APPROVED

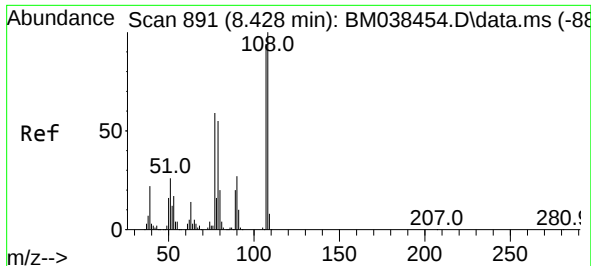
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.316 ng
RT: 8.504 min Scan# 904
Delta R.T. -0.006 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

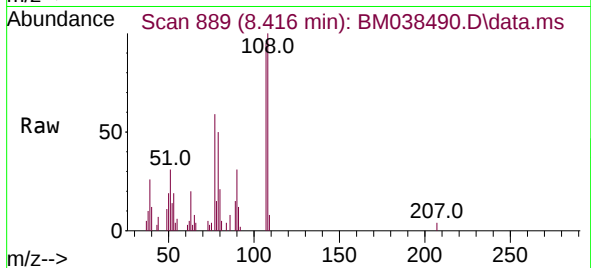
Tgt Ion: 45 Resp: 21722
Ion Ratio Lower Upper
45 100
77 12.1 0.0 34.7
79 11.3 0.0 30.4





#17
2-Methylphenol
Concen: 3.065 ng
RT: 8.416 min Scan# 891
Delta R.T. -0.006 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

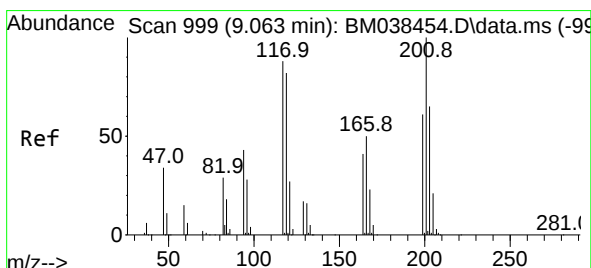
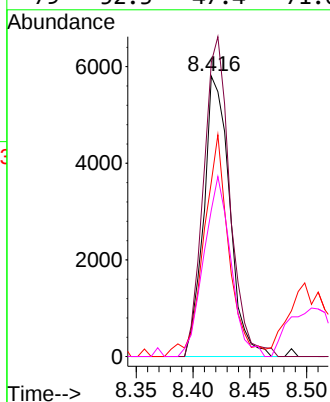
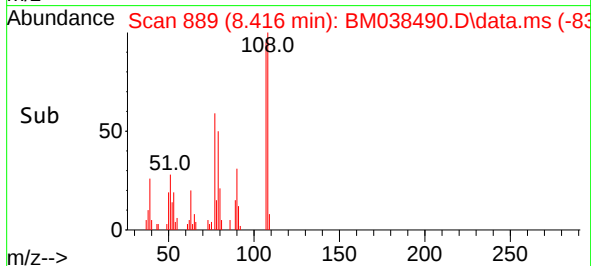
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion:	107	Resp:	922
Ion	Ratio	Lower	Upper
107	100		
108	105.0	85.7	128.5
77	62.3	50.5	75.7
79	52.3	47.4	71.0

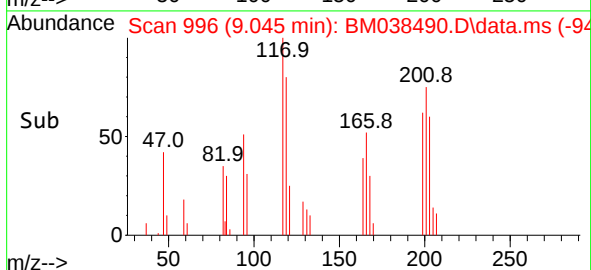
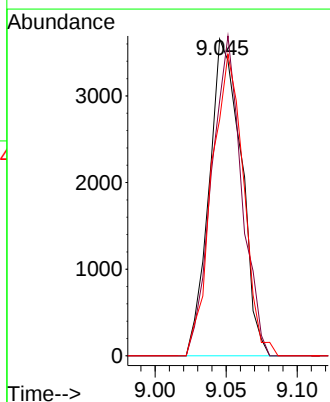
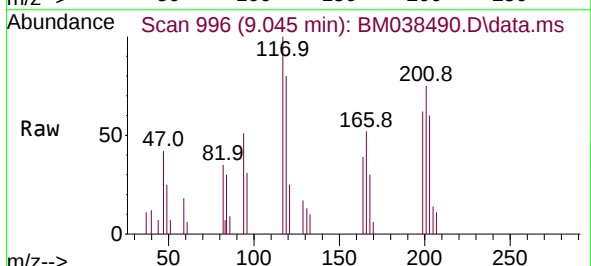
Manual Integrations
APPROVED

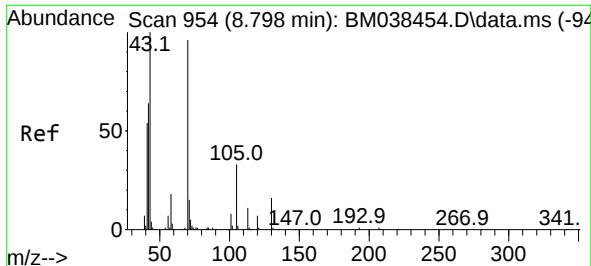
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#18
Hexachloroethane
Concen: 3.940 ng
RT: 9.045 min Scan# 996
Delta R.T. -0.012 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

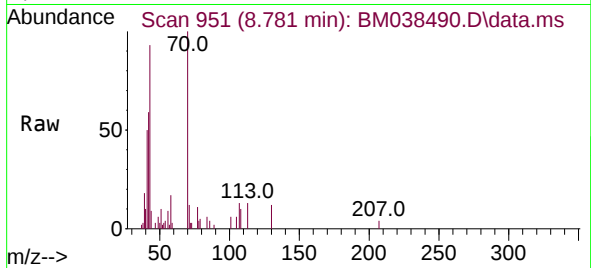
Tgt Ion:	117	Resp:	5747
Ion	Ratio	Lower	Upper
117	100		
119	80.4	74.5	111.7
201	74.5	91.3	136.9





#19
n-Nitroso-di-n-propylamine
Concen: 3.559 ng
RT: 8.781 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

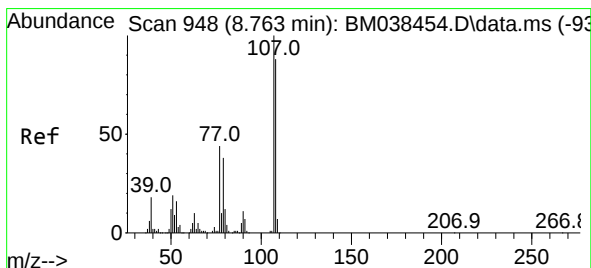
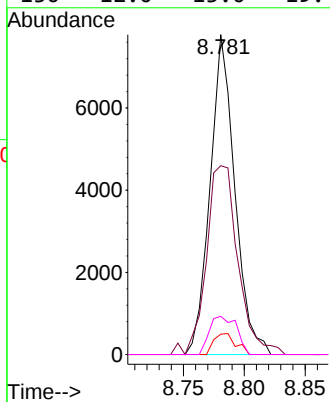
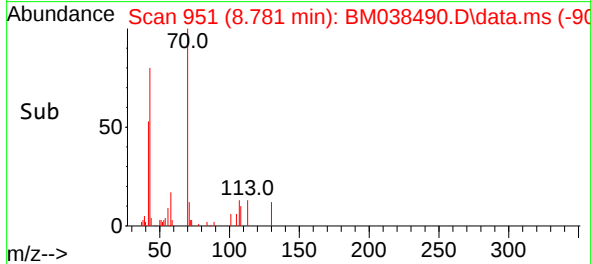
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2022



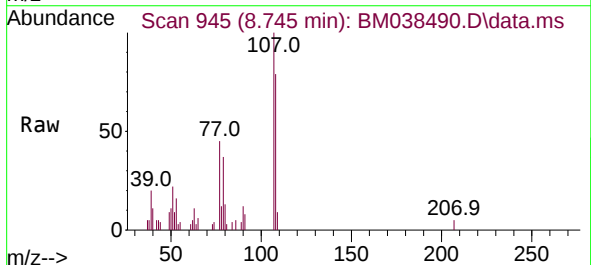
Tgt Ion: 70 Resp: 11045
Ion Ratio Lower Upper
70 100
42 59.0 54.2 81.2
101 6.4 6.6 10.0
130 12.0 13.0 19.4#

Manual Integrations
APPROVED

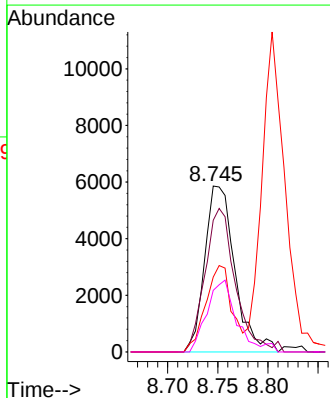
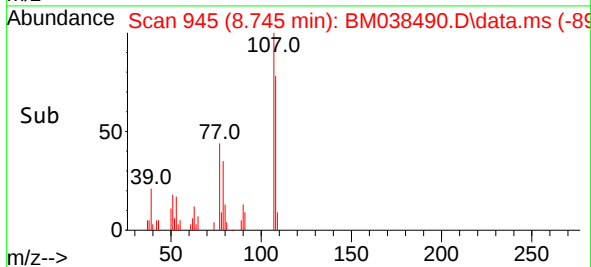
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

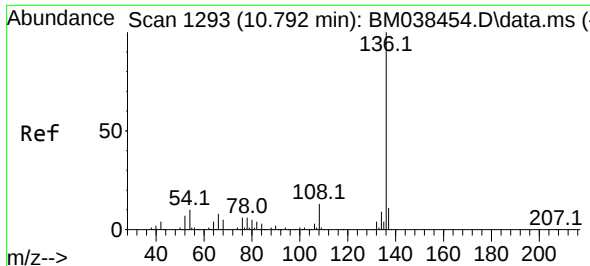


#20
3+4-Methylphenols
Concen: 3.029 ng
RT: 8.745 min Scan# 945
Delta R.T. -0.006 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11



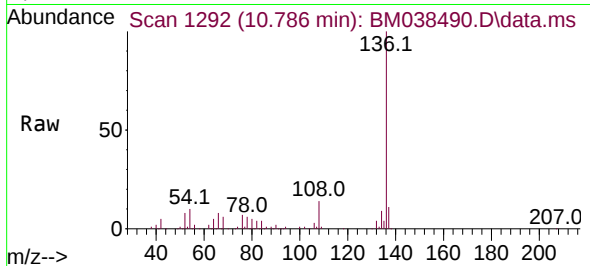
Tgt Ion:107 Resp: 12237
Ion Ratio Lower Upper
107 100
108 79.3 67.6 107.6
77 45.2 24.1 64.1
79 37.1 17.8 57.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.786 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

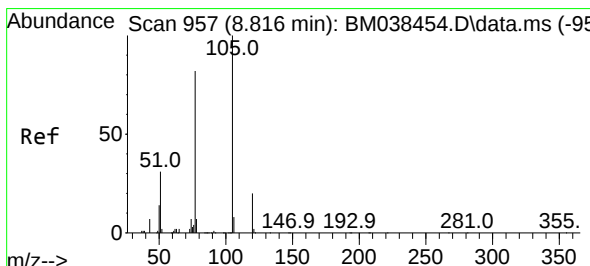
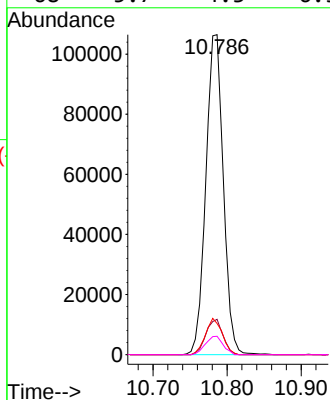
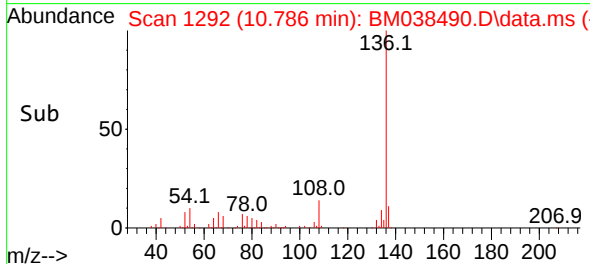
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT3-2022



Tgt Ion:136 Resp: 17434
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 9.7 7.6 11.4
68 5.7 4.3 6.5

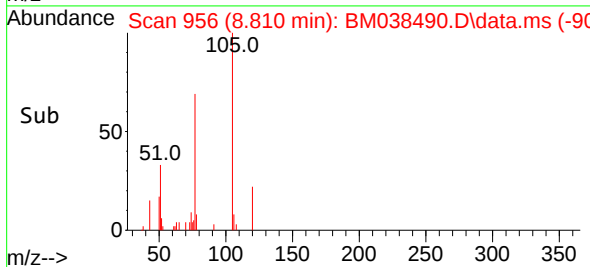
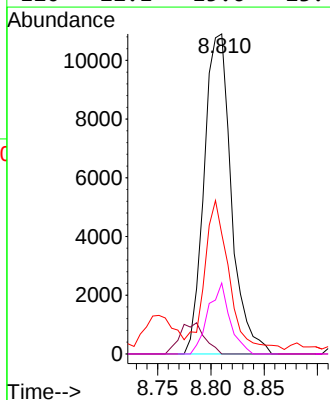
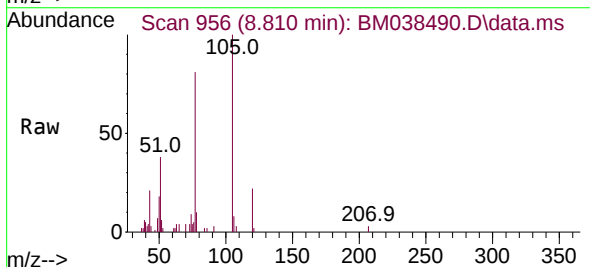
Manual Integrations
APPROVED

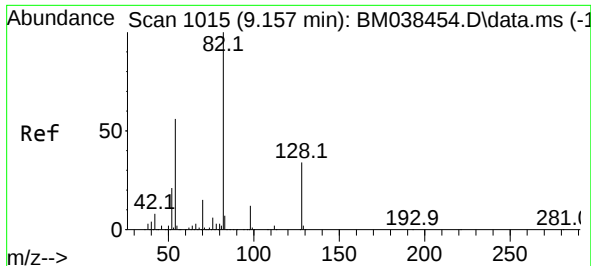
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#22
Acetophenone
Concen: 3.750 ng
RT: 8.810 min Scan# 956
Delta R.T. 0.000 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

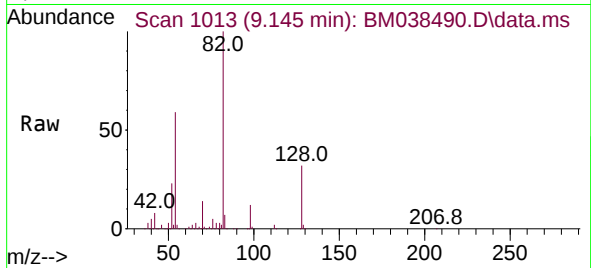
Tgt Ion:105 Resp: 19323
Ion Ratio Lower Upper
105 100
71 0.0 1.0 1.6#
51 37.5 27.4 41.2
120 22.1 15.6 23.4





#23
Nitrobenzene-d5
Concen: 83.510 ng
RT: 9.145 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

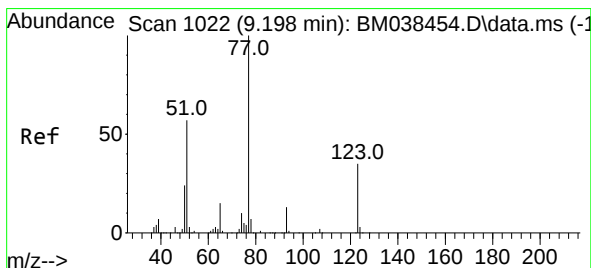
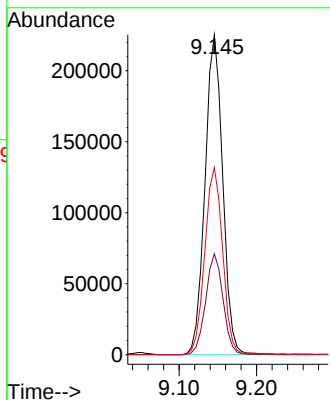
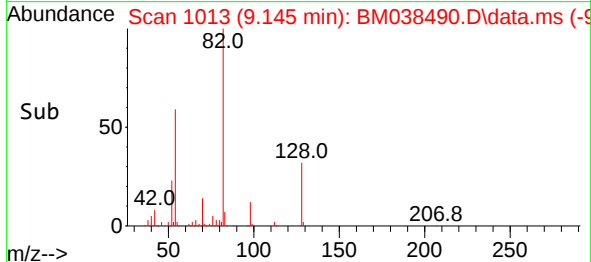
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT3-2022



Tgt Ion: 82 Resp: 357336
Ion Ratio Lower Upper
82 100
128 31.5 27.0 40.6
54 58.5 45.0 67.6

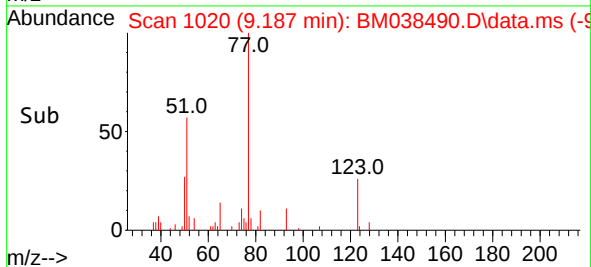
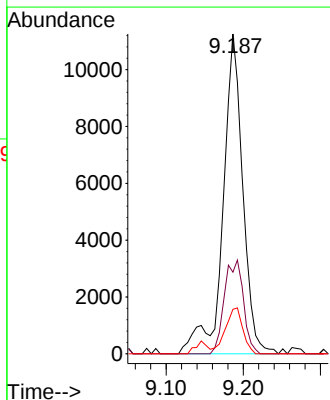
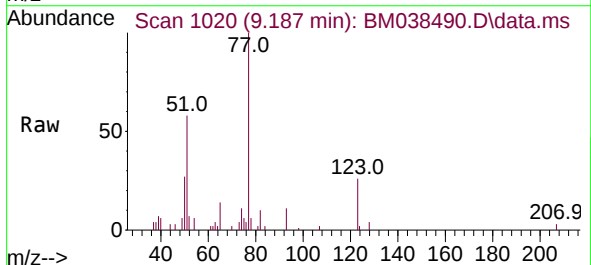
Manual Integrations
APPROVED

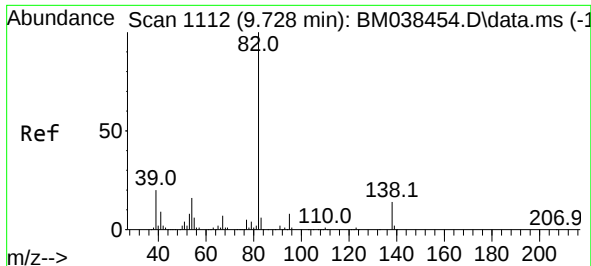
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#24
Nitrobenzene
Concen: 4.448 ng m
RT: 9.187 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

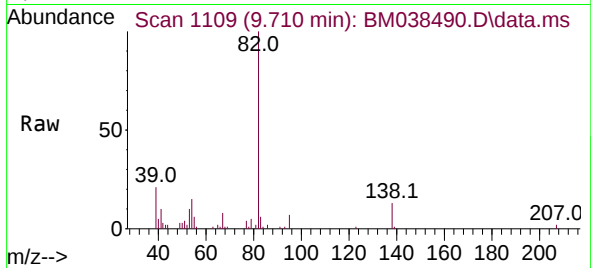
Tgt Ion: 77 Resp: 20109
Ion Ratio Lower Upper
77 100
123 25.5 28.2 42.4#
65 13.9 12.1 18.1





#25
Isophorone
Concen: 3.533 ng
RT: 9.710 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

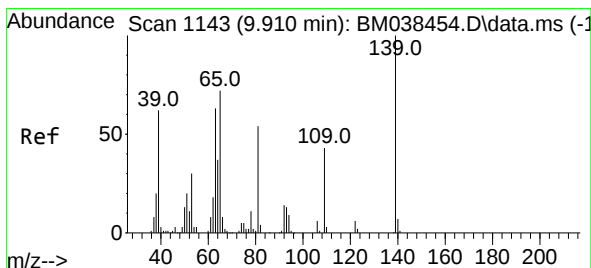
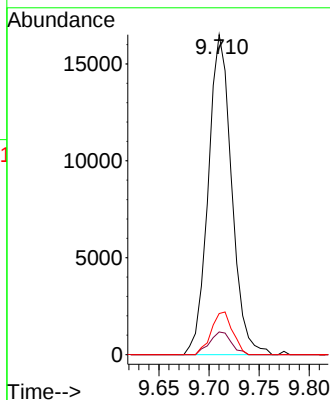
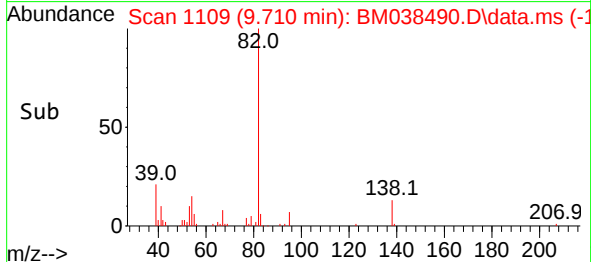
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion: 82 Resp: 26778
Ion Ratio Lower Upper
82 100
95 7.1 6.1 9.1
138 12.9 11.5 17.3

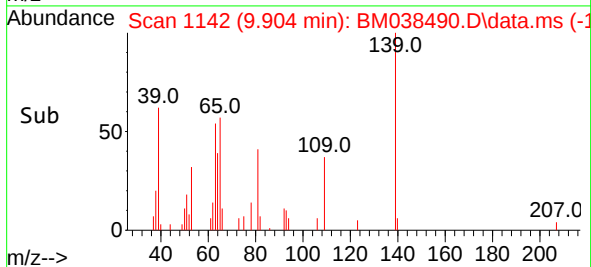
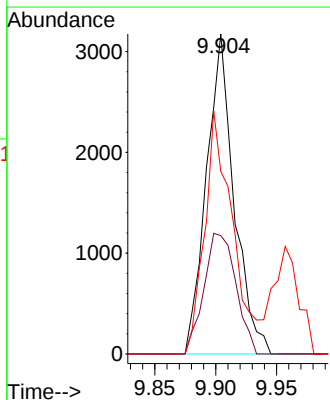
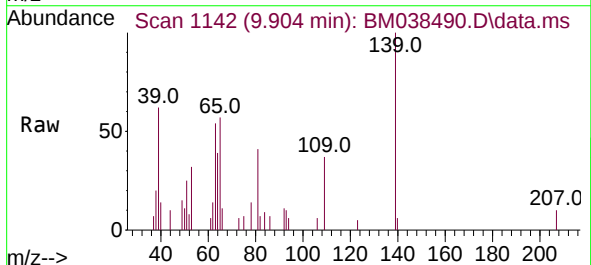
Manual Integrations
APPROVED

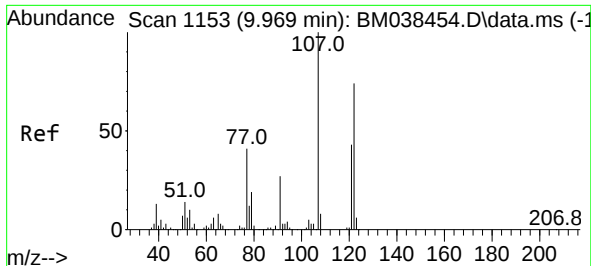
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#26
2-Nitrophenol
Concen: 3.163 ng
RT: 9.904 min Scan# 1142
Delta R.T. 0.000 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

Tgt Ion:139 Resp: 5020
Ion Ratio Lower Upper
139 100
109 37.0 34.7 52.1
65 57.0 57.4 86.0#





#27

2,4-Dimethylphenol

Concen: 3.100 ng

RT: 9.951 min Scan# 1150

Delta R.T. -0.006 min

Lab File: BM038490.D

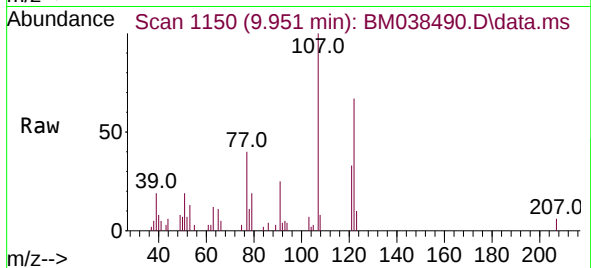
Acq: 19 Jan 2023 15:11

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2022



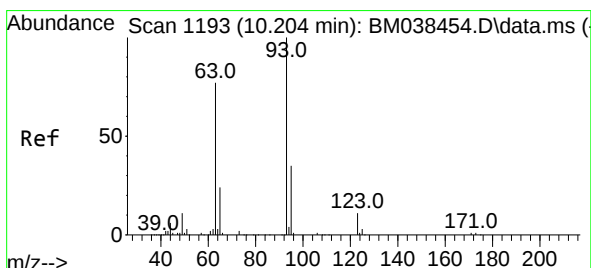
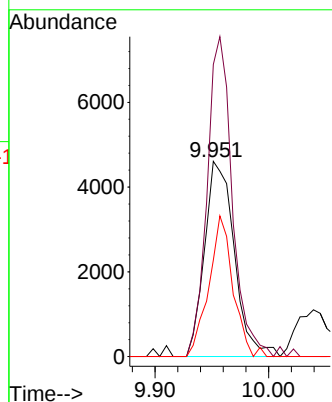
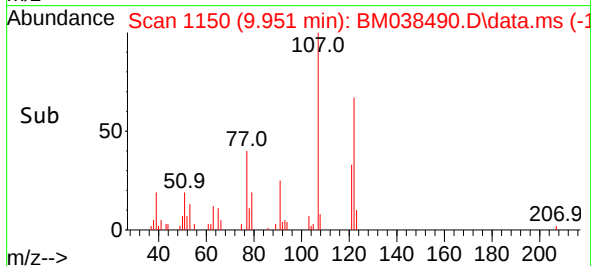
Tgt Ion:	122	Resp:	8378
Ion	Ratio	Lower	Upper
122	100		
107	149.6	107.4	161.0
121	49.4	46.6	70.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#28

bis(2-Chloroethoxy)methane

Concen: 3.627 ng

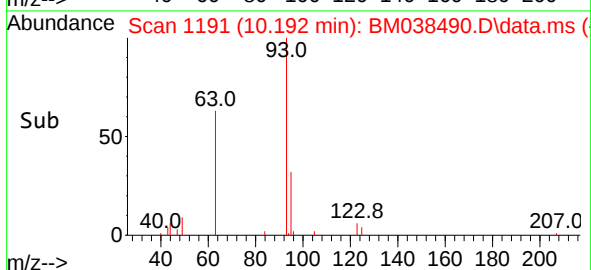
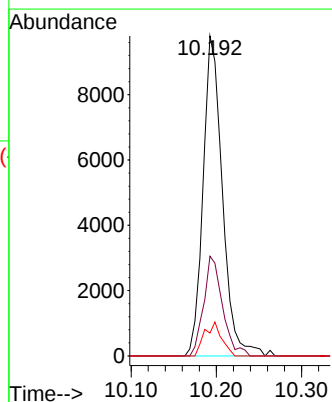
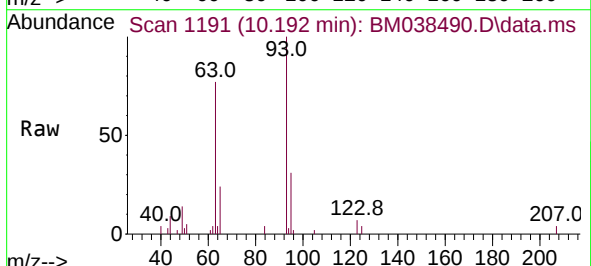
RT: 10.192 min Scan# 1191

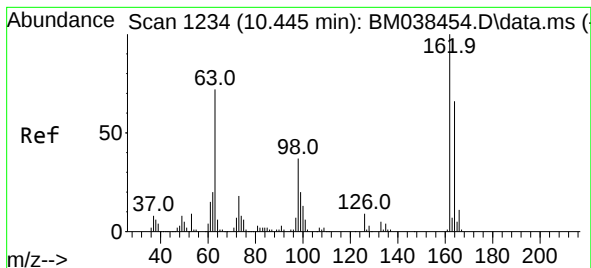
Delta R.T. -0.006 min

Lab File: BM038490.D

Acq: 19 Jan 2023 15:11

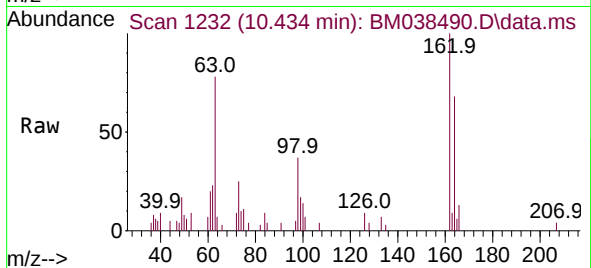
Tgt Ion:	93	Resp:	15459
Ion	Ratio	Lower	Upper
93	100		
95	31.1	27.7	41.5
123	7.1	8.6	13.0





#29
2,4-Dichlorophenol
Concen: 3.023 ng
RT: 10.434 min Scan# 1234
Delta R.T. 0.000 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

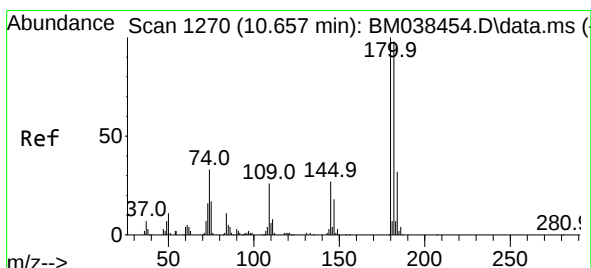
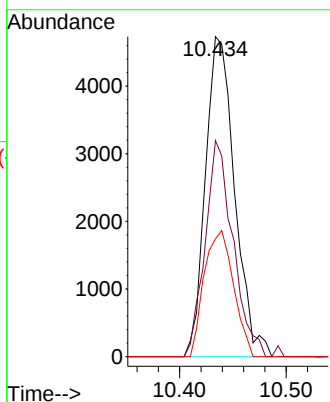
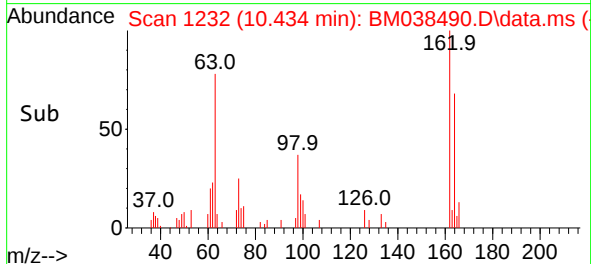
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2022



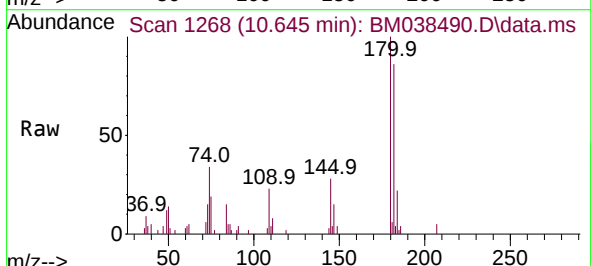
Tgt Ion:162 Resp: 9026
Ion Ratio Lower Upper
162 100
164 67.5 46.5 86.5
98 36.8 17.1 57.1

Manual Integrations
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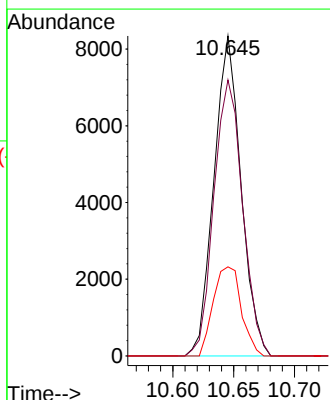
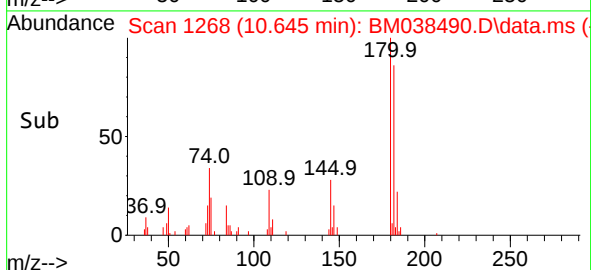
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

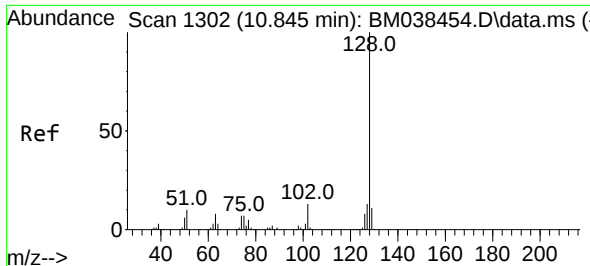


#30
1,2,4-Trichlorobenzene
Concen: 3.740 ng
RT: 10.645 min Scan# 1268
Delta R.T. -0.006 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11



Tgt Ion:180 Resp: 12914
Ion Ratio Lower Upper
180 100
182 86.2 78.1 117.1
145 27.8 21.9 32.9





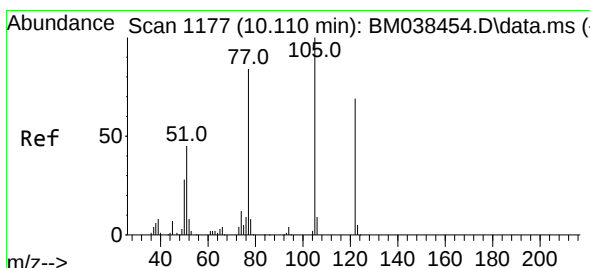
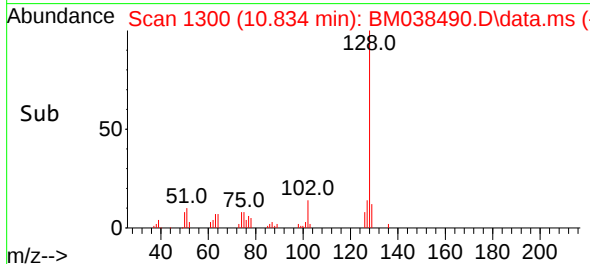
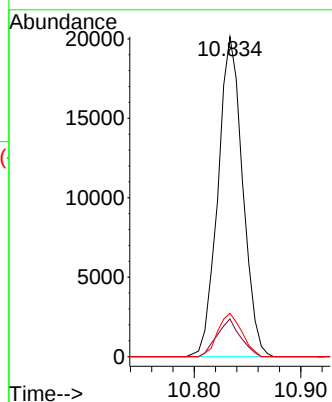
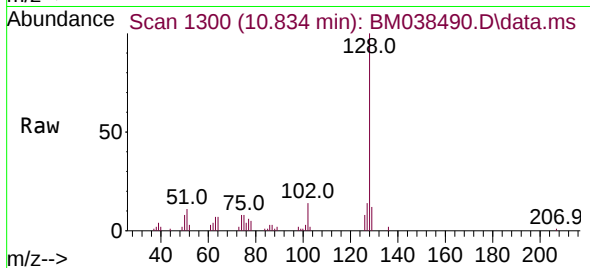
#31
Naphthalene
Concen: 3.513 ng
RT: 10.834 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2022

Tgt Ion:128 Resp: 32463
Ion Ratio Lower Upper
128 100
129 11.8 8.9 13.3
127 13.5 10.8 16.2

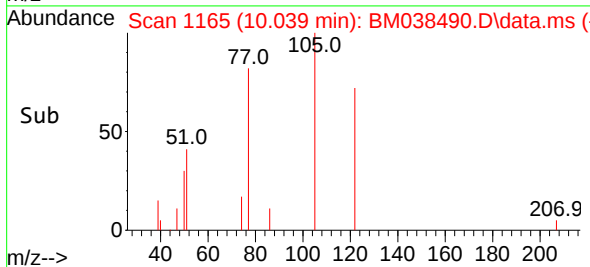
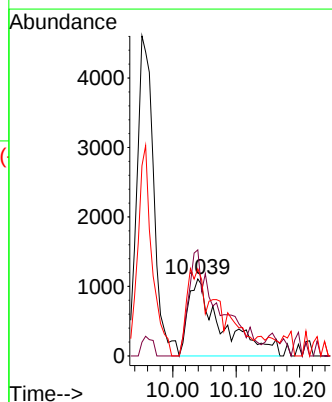
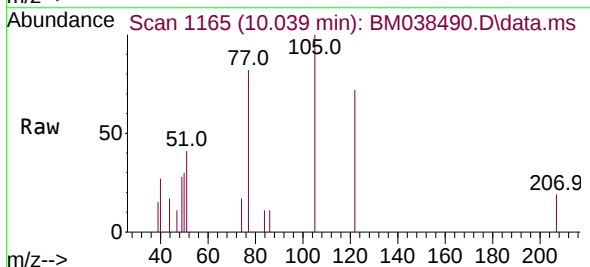
Manual Integrations
APPROVED

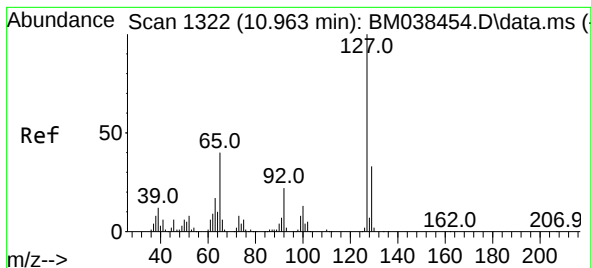
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#32
Benzoic acid
Concen: 6.714 ng m
RT: 10.039 min Scan# 1165
Delta R.T. -0.059 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

Tgt Ion:122 Resp: 4067
Ion Ratio Lower Upper
122 100
105 138.1 122.6 162.6
77 113.5 101.5 141.5





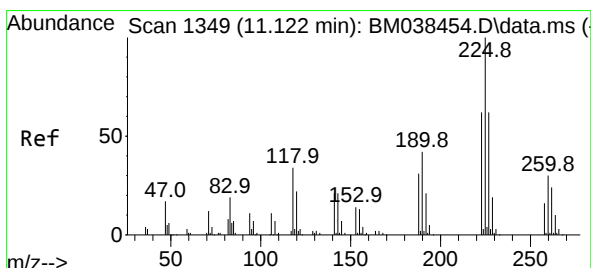
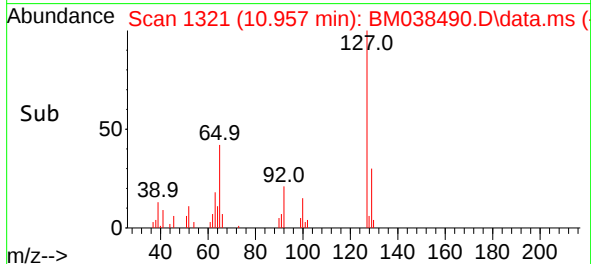
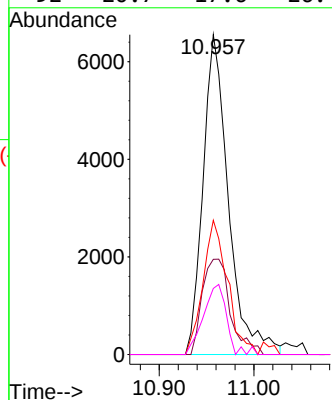
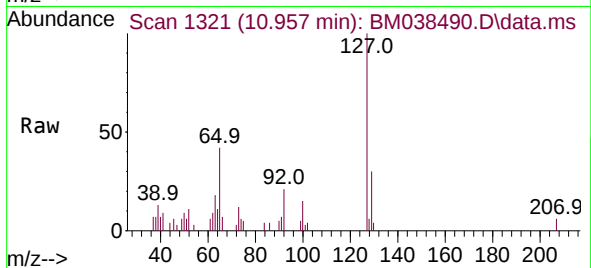
#33
4-Chloroaniline
Concen: 3.020 ng
RT: 10.957 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2022

Tgt Ion:	127	Resp:	12248
Ion Ratio	Lower	Upper	
127	100		
129	29.8	26.4	39.6
65	42.0	32.1	48.1
92	20.7	17.6	26.4

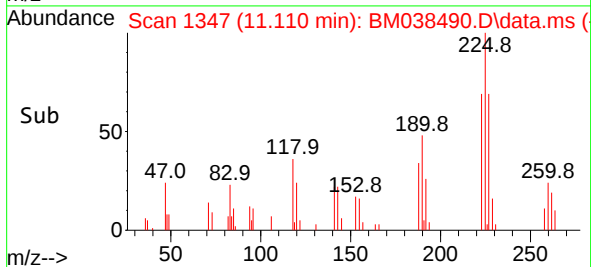
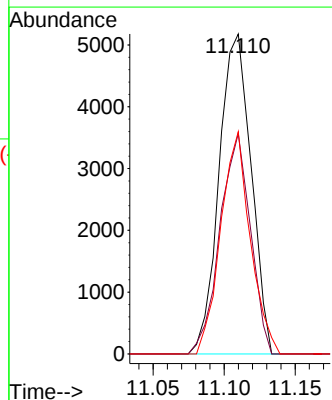
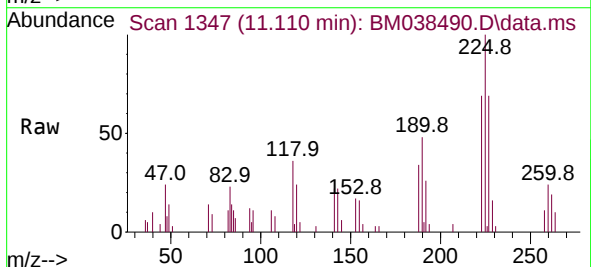
Manual Integrations
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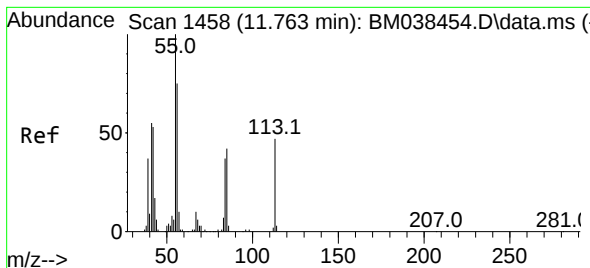
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#34
Hexachlorobutadiene
Concen: 3.351 ng
RT: 11.110 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

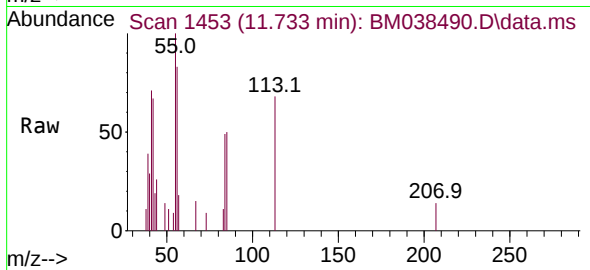
Tgt Ion:	225	Resp:	8115
Ion Ratio	Lower	Upper	
225	100		
223	68.9	49.8	74.8
227	69.4	49.6	74.4





#35
Caprolactam
Concen: 2.522 ng
RT: 11.733 min Scan# 1458
Delta R.T. -0.017 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

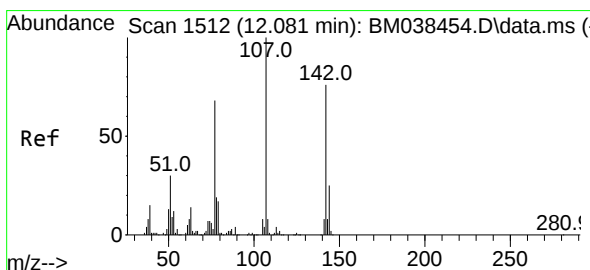
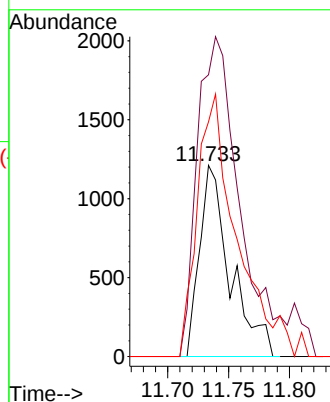
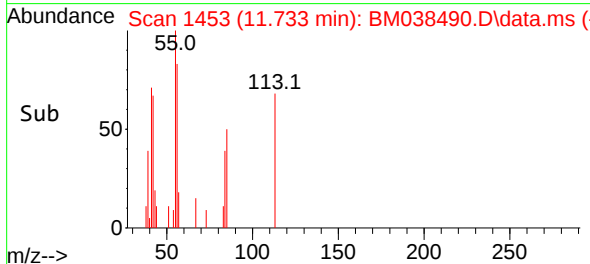
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion:113 Resp: 2128
Ion Ratio Lower Upper
113 100
55 147.3 194.2 234.2#
56 122.7 141.6 181.6#

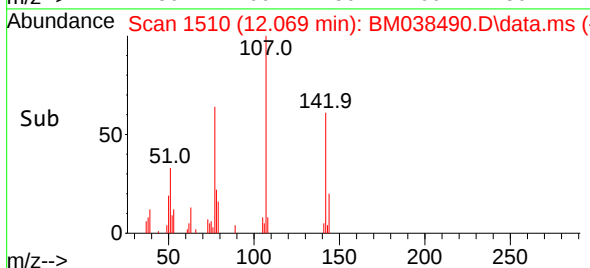
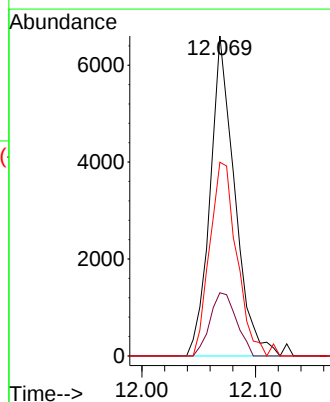
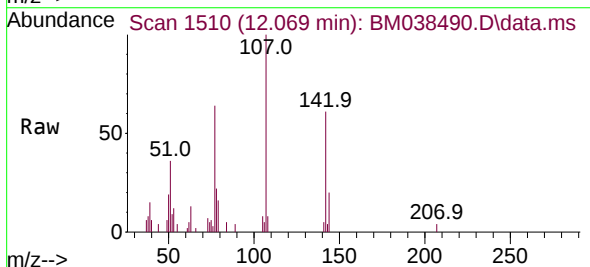
Manual Integrations
APPROVED

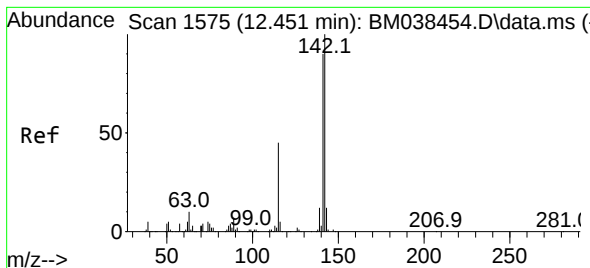
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#36
4-Chloro-3-methylphenol
Concen: 3.050 ng
RT: 12.069 min Scan# 1510
Delta R.T. -0.006 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

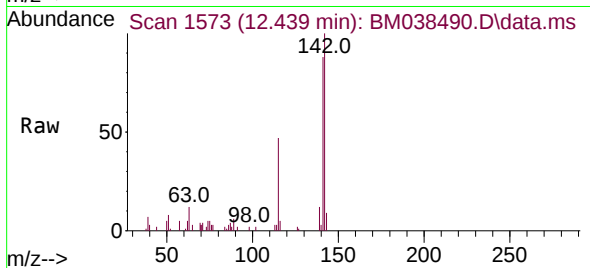
Tgt Ion:107 Resp: 9928
Ion Ratio Lower Upper
107 100
144 19.7 20.3 30.5#
142 60.5 61.2 91.8#





#37
2-Methylnaphthalene
Concen: 3.117 ng
RT: 12.439 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

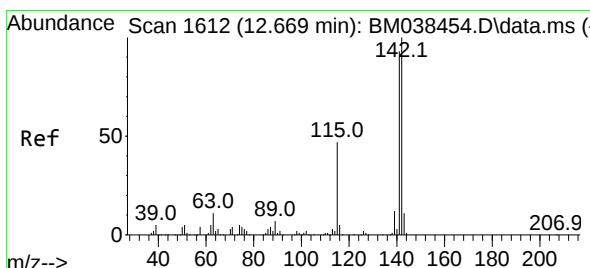
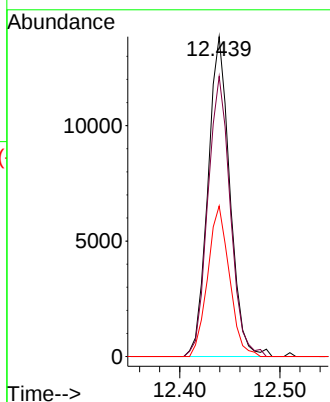
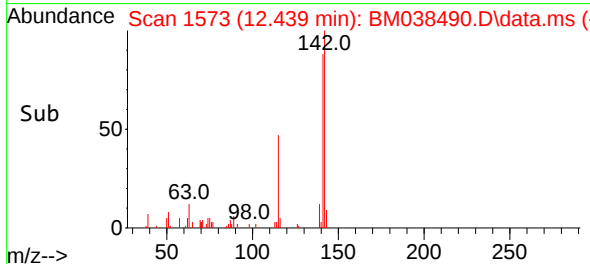
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2022



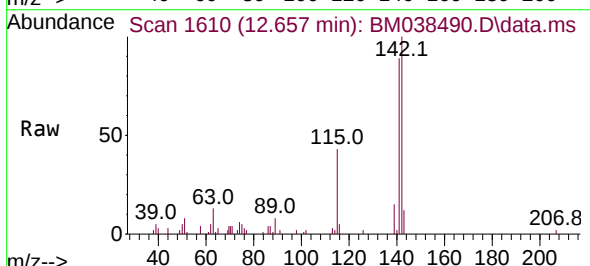
Tgt Ion:142 Resp: 21062
Ion Ratio Lower Upper
142 100
141 87.6 72.0 108.0
115 47.1 35.9 53.9

Manual Integrations
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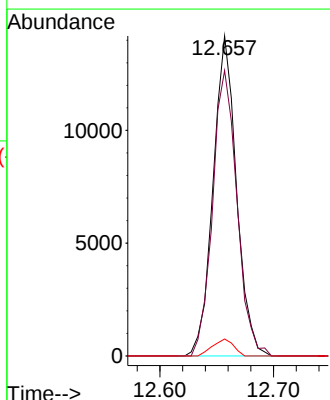
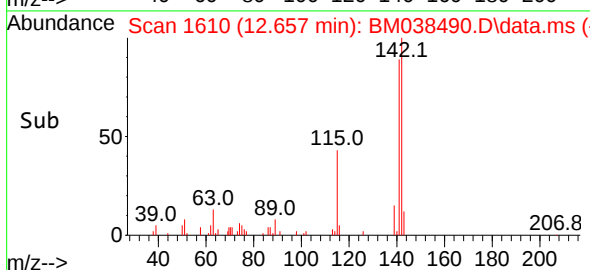
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

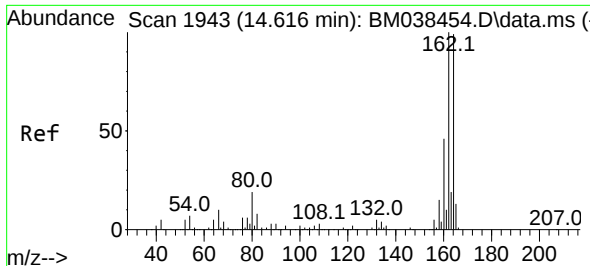


#38
1-Methylnaphthalene
Concen: 3.197 ng
RT: 12.657 min Scan# 1610
Delta R.T. -0.006 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11



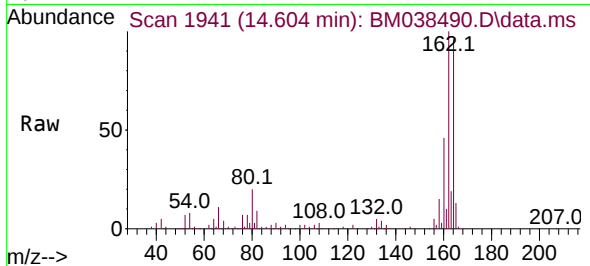
Tgt Ion:142 Resp: 20280
Ion Ratio Lower Upper
142 100
141 89.2 74.4 111.6
116 5.3 3.8 5.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.604 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

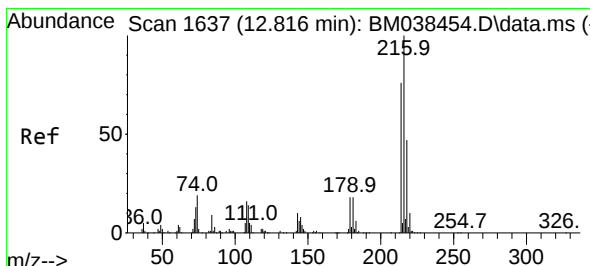
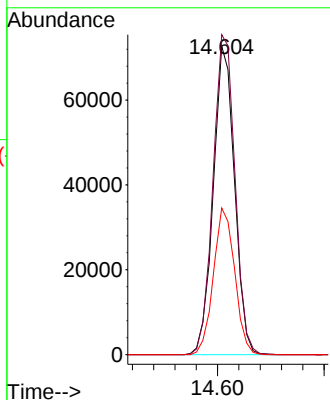
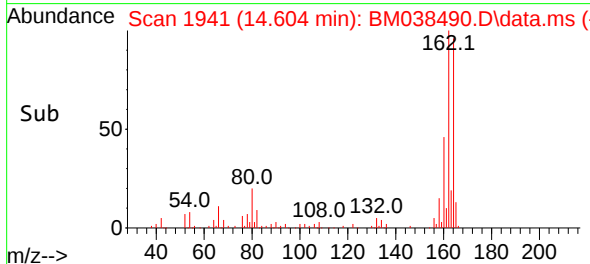
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion:164 Resp: 100943
Ion Ratio Lower Upper
164 100
162 103.7 80.9 121.3
160 47.5 37.4 56.0

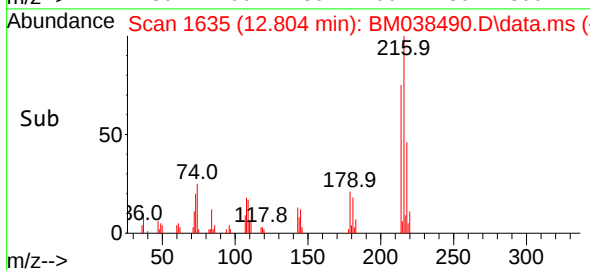
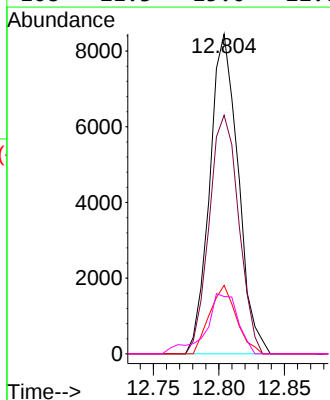
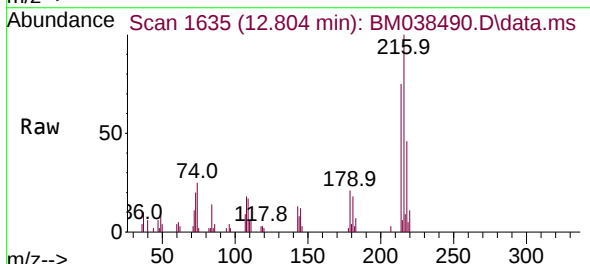
Manual Integrations
APPROVED

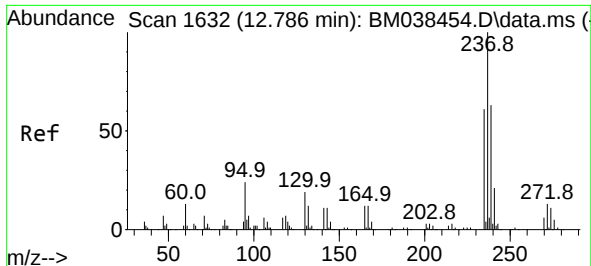
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.382 ng
RT: 12.804 min Scan# 1635
Delta R.T. -0.006 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

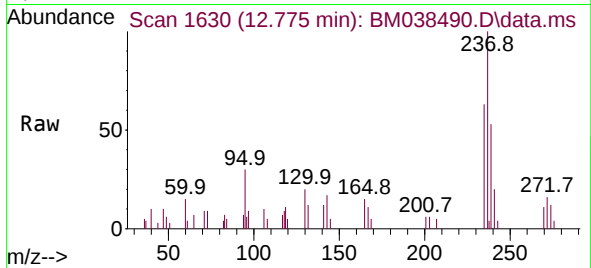
Tgt Ion:216 Resp: 12776
Ion Ratio Lower Upper
216 100
214 77.3 61.4 92.0
179 20.2 15.3 22.9
108 21.3 15.0 22.6





#41
Hexachlorocyclopentadiene
Concen: 3.142 ng
RT: 12.775 min Scan# 1630
Delta R.T. -0.006 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

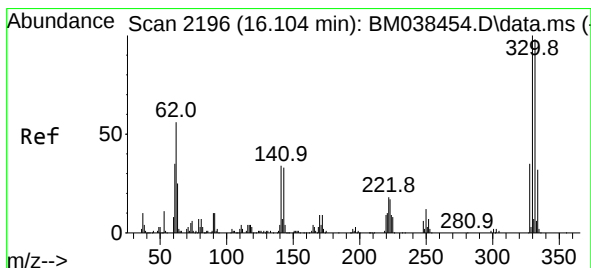
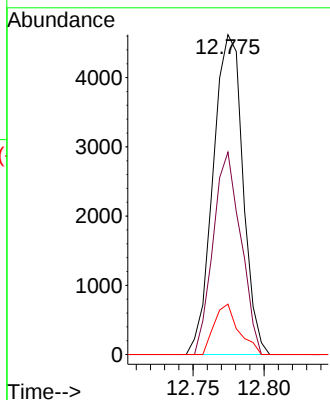
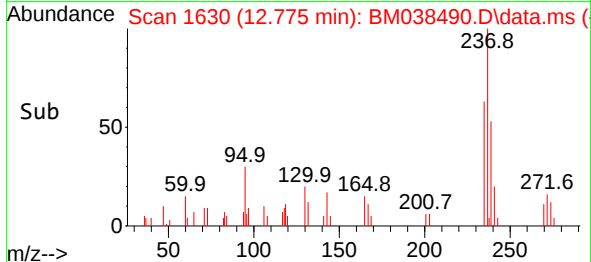
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion: 237 Resp: 6749
Ion Ratio Lower Upper
237 100
235 63.3 40.9 80.9
272 15.8 0.0 32.6

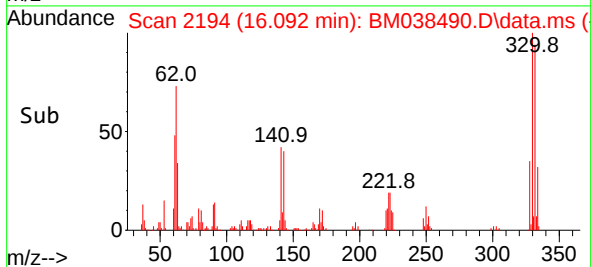
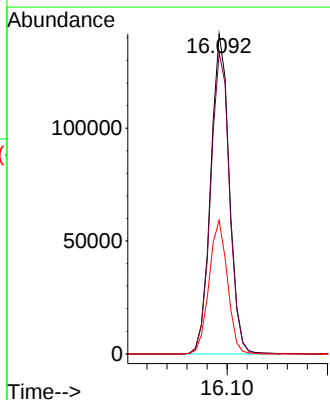
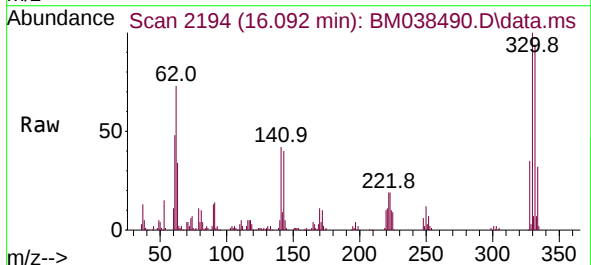
Manual Integrations
APPROVED

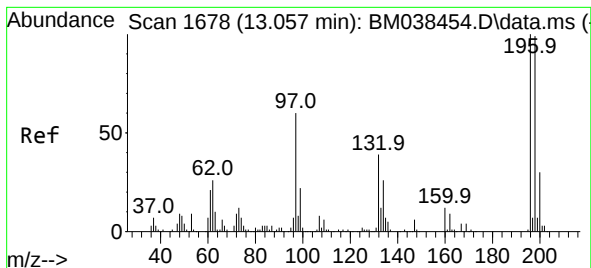
Reviewed By : Christian Giraldo 01/20/2023
Supervised By : Jagrut Upadhyay 01/20/2023



#42
2,4,6-Tribromophenol
Concen: 106.879 ng
RT: 16.092 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

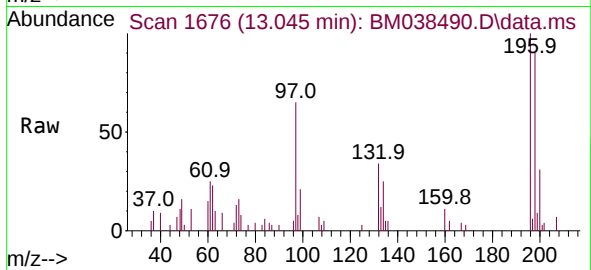
Tgt Ion: 330 Resp: 182382
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.4
141 41.2 28.1 42.1





#43
2,4,6-Trichlorophenol
Concen: 3.173 ng
RT: 13.045 min Scan# 1676
Delta R.T. -0.006 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

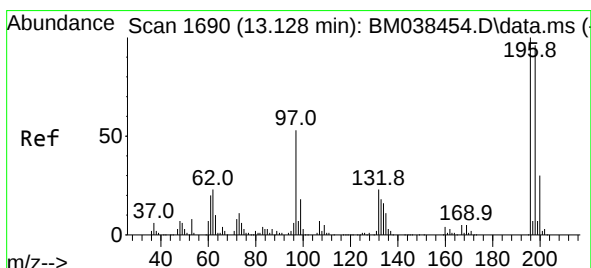
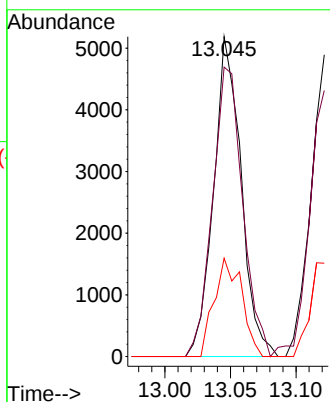
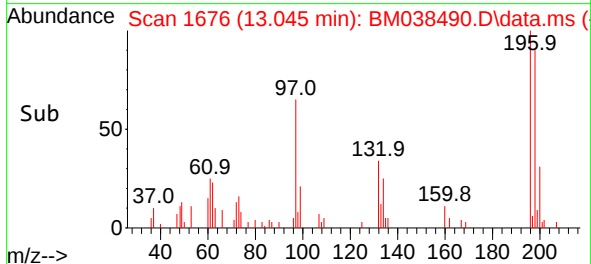
Instrument : BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2022



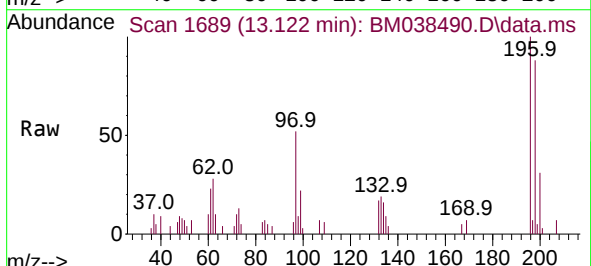
Tgt Ion:196 Resp: 7579
Ion Ratio Lower Upper
196 100
198 90.5 78.8 118.2
200 30.7 24.4 36.6

Manual Integrations
APPROVED

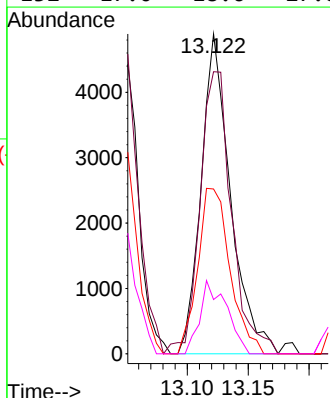
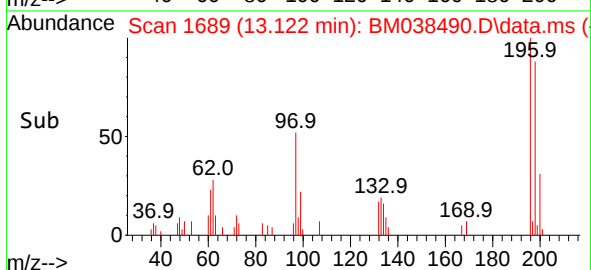
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

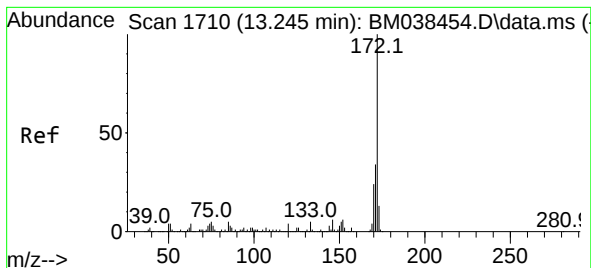


#44
2,4,5-Trichlorophenol
Concen: 2.924 ng
RT: 13.122 min Scan# 1689
Delta R.T. 0.000 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11



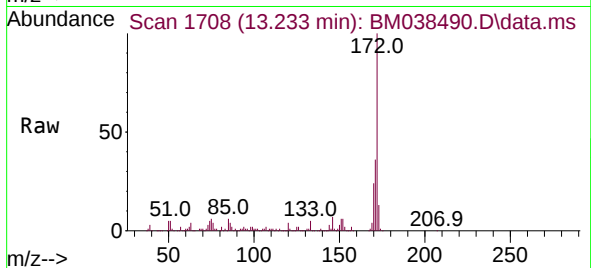
Tgt Ion:196 Resp: 8233
Ion Ratio Lower Upper
196 100
198 88.2 77.4 116.2
97 51.5 42.4 63.6
132 17.0 18.6 27.8#





#45
2-Fluorobiphenyl
Concen: 78.017 ng
RT: 13.233 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

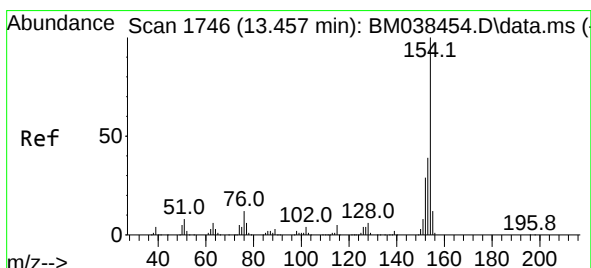
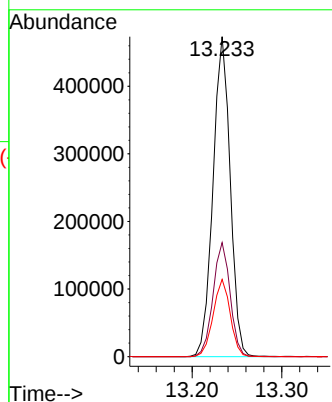
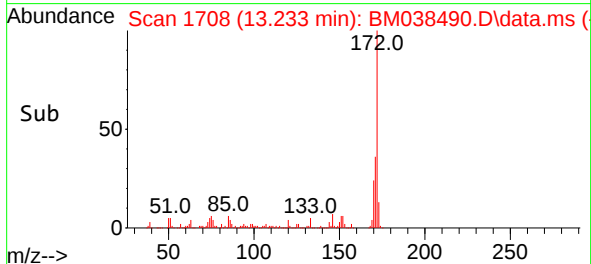
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion:172 Resp: 631480
Ion Ratio Lower Upper
172 100
171 35.6 27.5 41.3
170 24.1 19.0 28.6

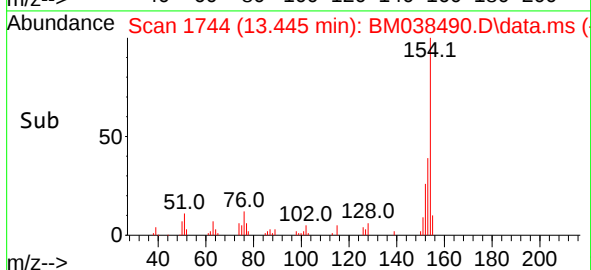
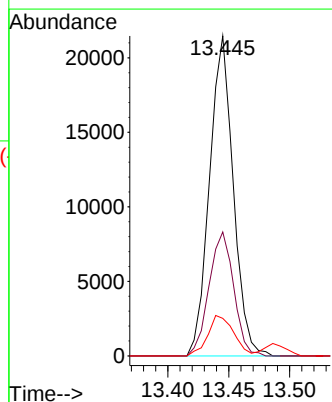
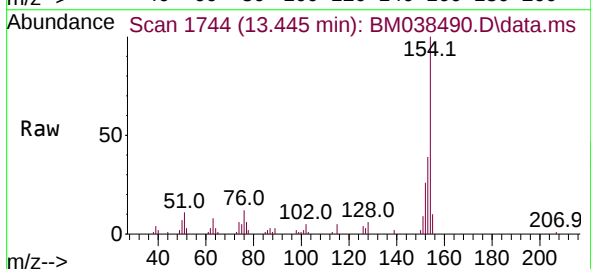
Manual Integrations
APPROVED

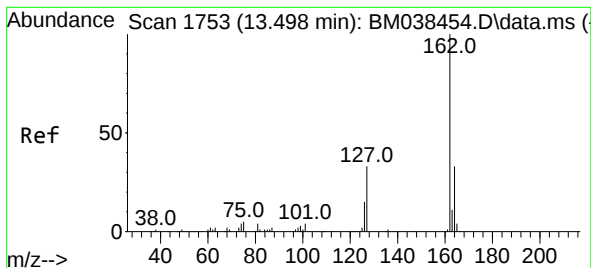
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#46
1,1'-Biphenyl
Concen: 3.719 ng
RT: 13.445 min Scan# 1744
Delta R.T. 0.000 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

Tgt Ion:154 Resp: 29125
Ion Ratio Lower Upper
154 100
153 38.7 19.3 59.3
76 11.7 0.0 32.2





#47

2-Chloronaphthalene

Concen: 3.780 ng

RT: 13.486 min Scan# 1751

Delta R.T. -0.006 min

Lab File: BM038490.D

Acq: 19 Jan 2023 15:11

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2022

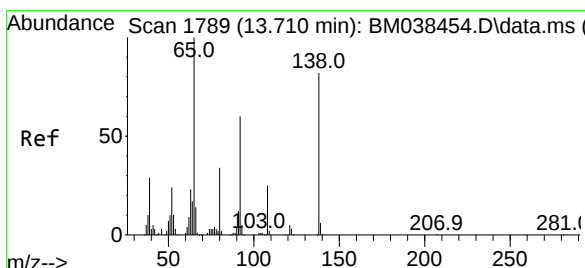
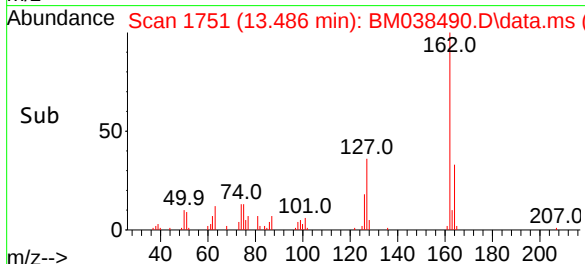
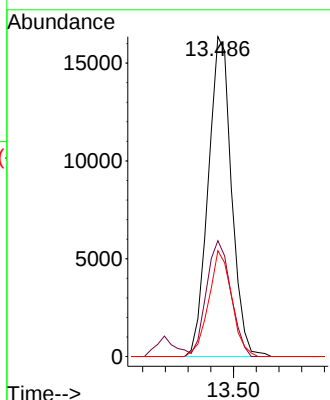
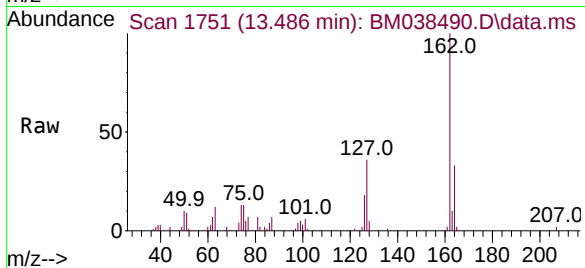
Tgt Ion:	162	Resp:	2329
Ion Ratio	Lower	Upper	
162	100		
127	36.2	29.5	44.3
164	33.1	26.2	39.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#48

2-Nitroaniline

Concen: 4.930 ng

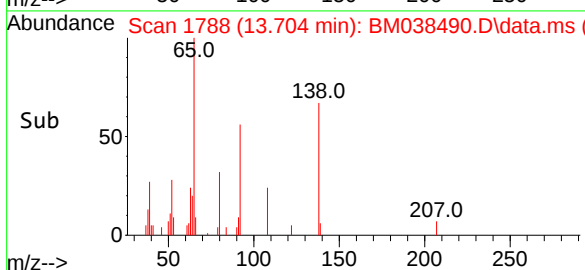
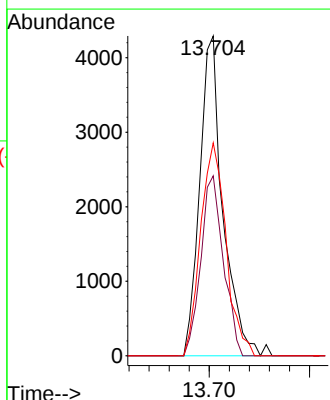
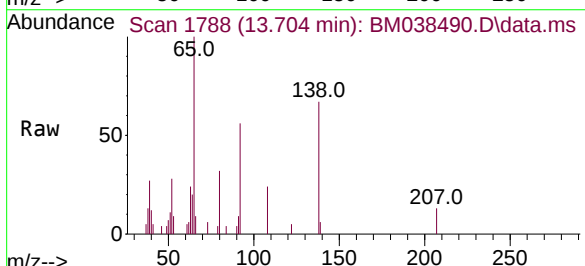
RT: 13.704 min Scan# 1788

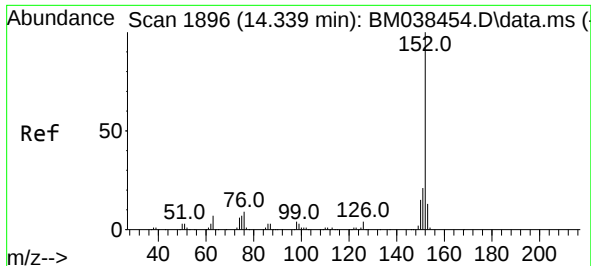
Delta R.T. 0.000 min

Lab File: BM038490.D

Acq: 19 Jan 2023 15:11

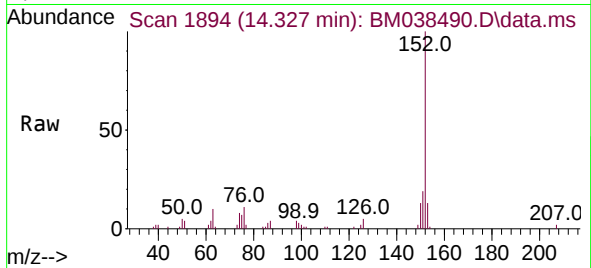
Tgt Ion:	65	Resp:	6898
Ion Ratio	Lower	Upper	
65	100		
92	56.3	47.6	71.4
138	66.6	65.8	98.8





#49
Acenaphthylene
Concen: 3.131 ng
RT: 14.327 min Scan# 1894
Delta R.T. -0.006 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

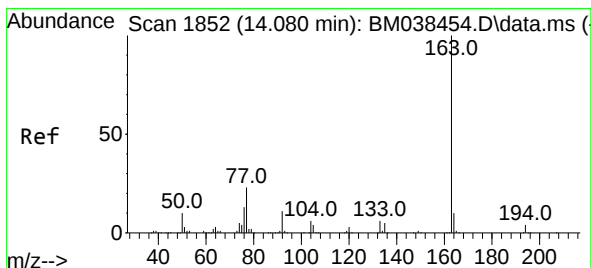
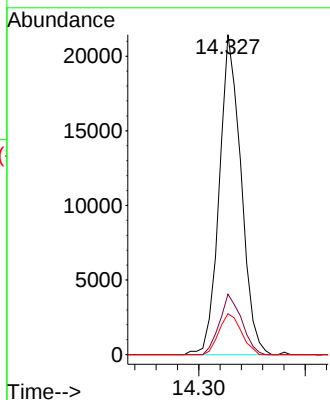
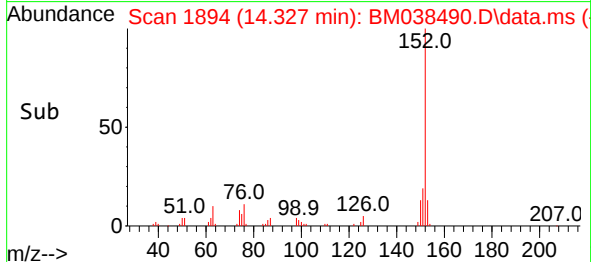
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2022



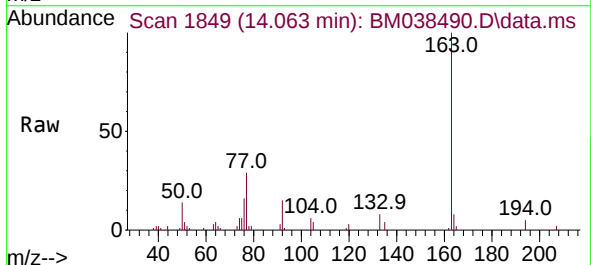
Tgt Ion:152 Resp: 30423
Ion Ratio Lower Upper
152 100
151 18.9 16.4 24.6
153 12.8 10.6 15.8

Manual Integrations
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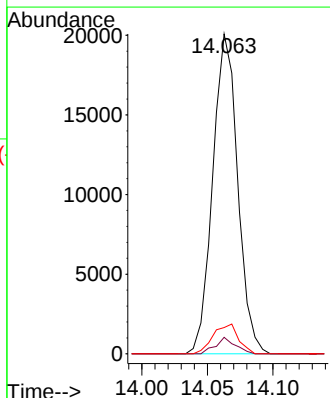
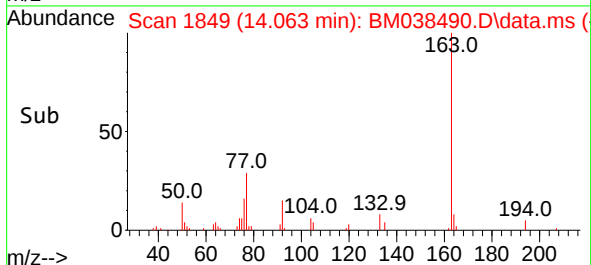
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

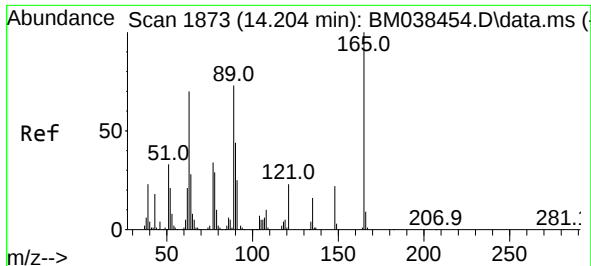


#50
Dimethylphthalate
Concen: 3.254 ng
RT: 14.063 min Scan# 1849
Delta R.T. -0.012 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11



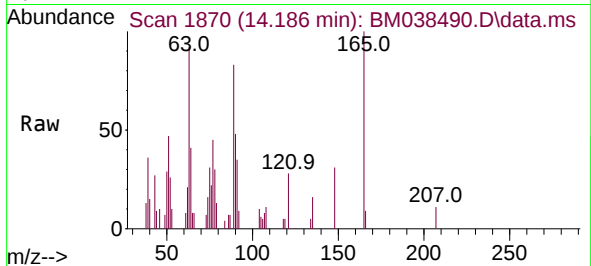
Tgt Ion:163 Resp: 26619
Ion Ratio Lower Upper
163 100
194 5.2 3.6 5.4
164 8.2 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 2.950 ng
RT: 14.186 min Scan# 1873
Delta R.T. -0.012 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

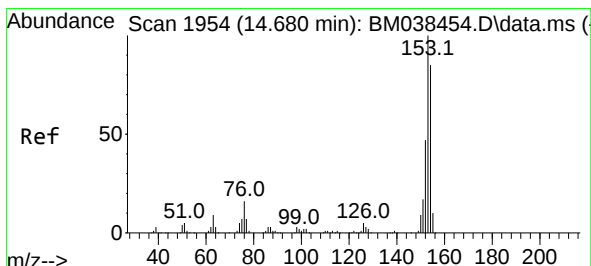
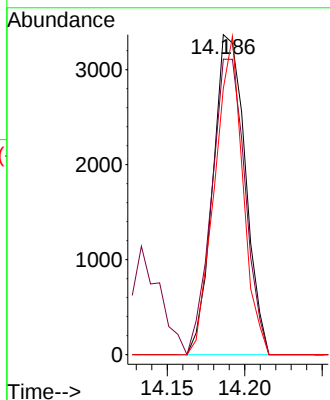
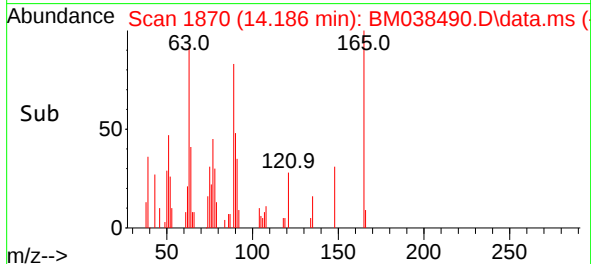
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion:165 Resp: 4909
Ion Ratio Lower Upper
165 100
63 92.3 60.9 91.3
89 83.2 58.6 87.8

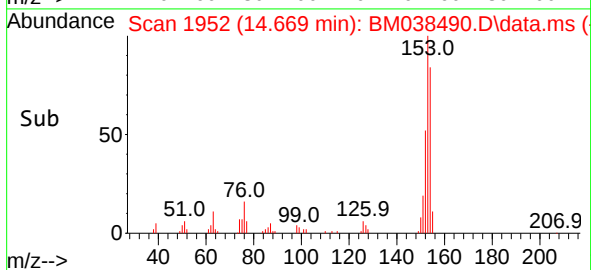
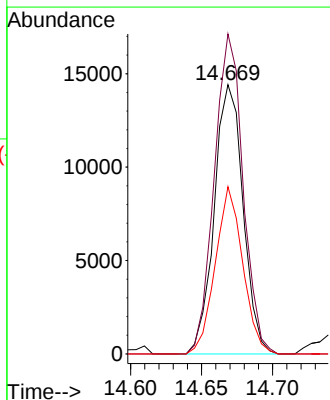
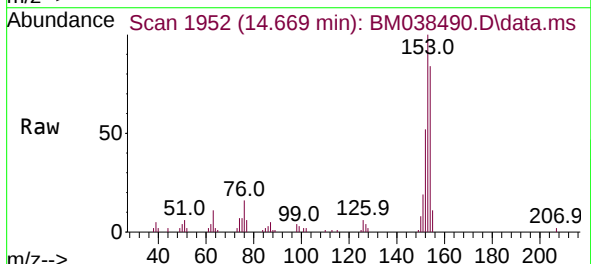
Manual Integrations
APPROVED

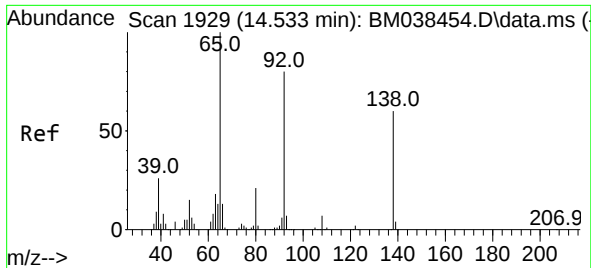
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#52
Acenaphthene
Concen: 3.447 ng
RT: 14.669 min Scan# 1952
Delta R.T. -0.006 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

Tgt Ion:154 Resp: 20357
Ion Ratio Lower Upper
154 100
153 118.8 93.8 140.6
152 62.0 44.2 66.4





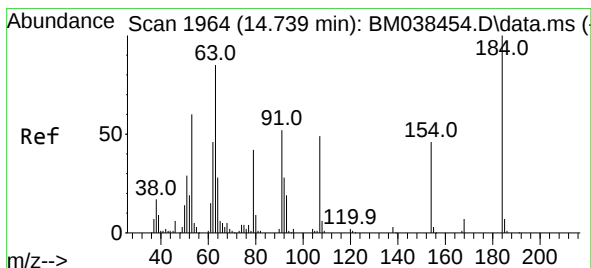
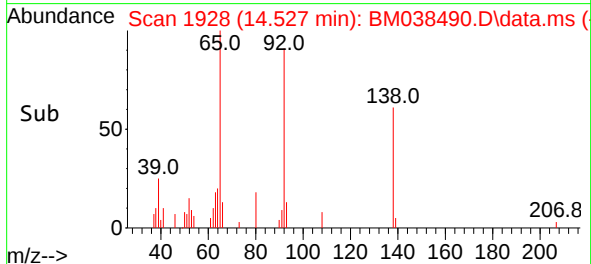
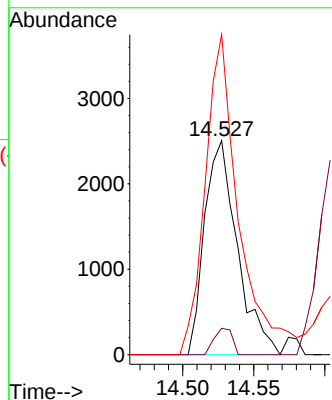
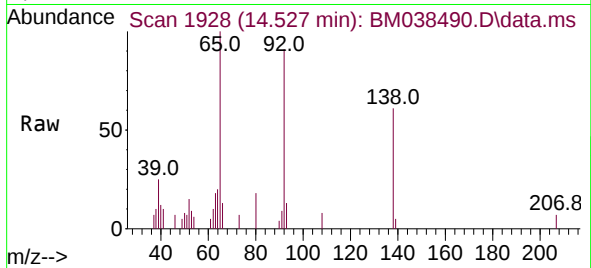
#53
3-Nitroaniline
Concen: 4.723 ng
RT: 14.527 min Scan# 1928
Delta R.T. 0.000 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2022

Tgt Ion:138 Resp: 4019
Ion Ratio Lower Upper
138 100
108 12.3 8.9 13.3
92 149.6 106.4 159.6

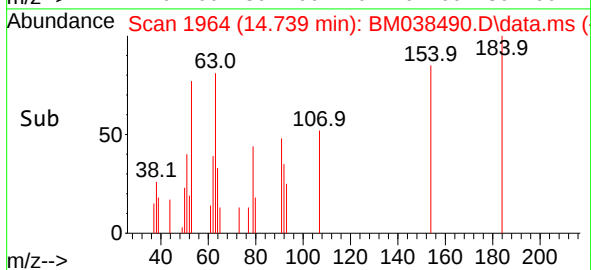
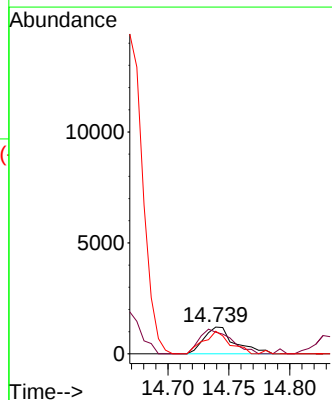
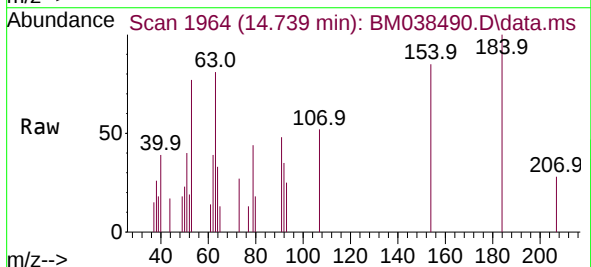
Manual Integrations
APPROVED

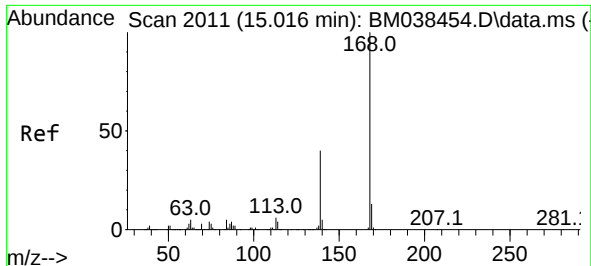
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#54
2,4-Dinitrophenol
Concen: 6.917 ng
RT: 14.739 min Scan# 1964
Delta R.T. 0.006 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

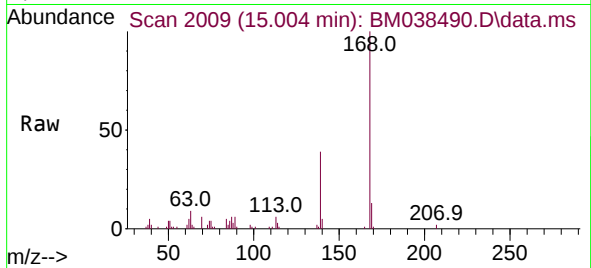
Tgt Ion:184 Resp: 2129
Ion Ratio Lower Upper
184 100
63 81.1 70.0 105.0
154 84.7 55.6 83.4#





#55
Dibenzenofuran
Concen: 3.387 ng
RT: 15.004 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

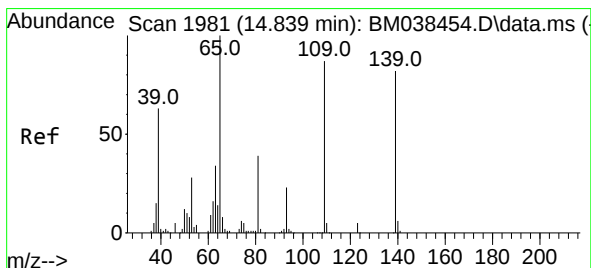
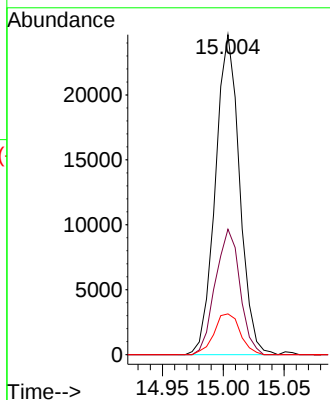
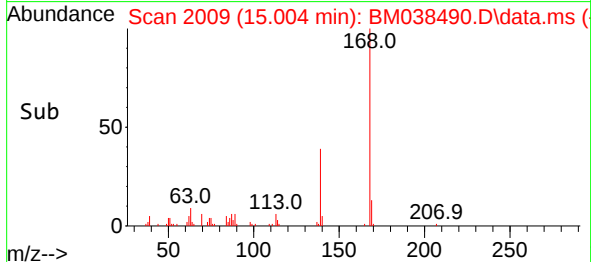
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT3-2022



Tgt Ion:168 Resp: 34056
Ion Ratio Lower Upper
168 100
139 39.2 31.9 47.9
169 12.7 10.5 15.7

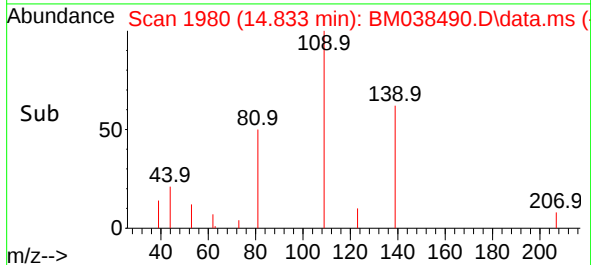
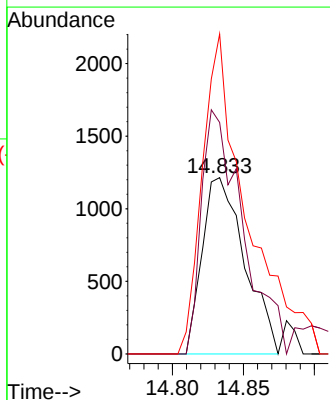
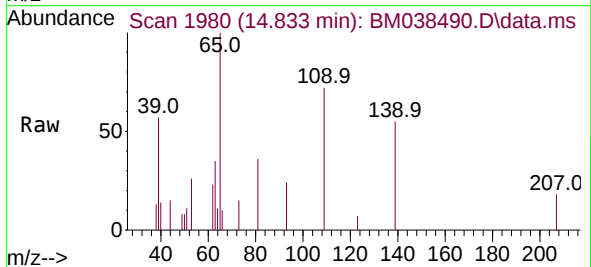
Manual Integrations
APPROVED

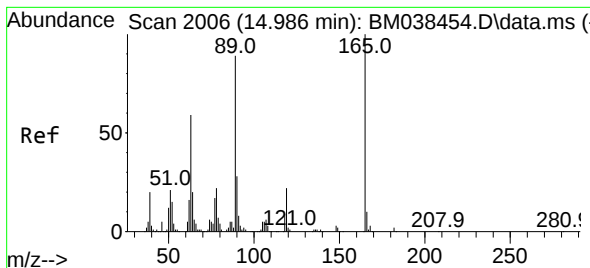
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#56
4-Nitrophenol
Concen: 5.543 ng
RT: 14.833 min Scan# 1980
Delta R.T. 0.006 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

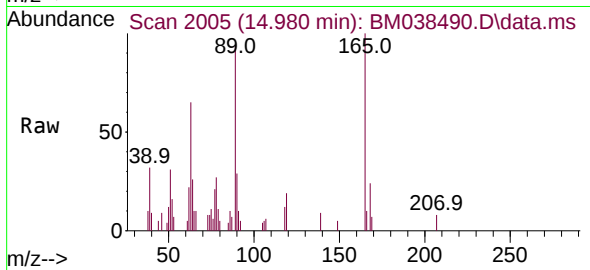
Tgt Ion:139 Resp: 2528
Ion Ratio Lower Upper
139 100
109 131.3 86.0 126.0#
65 181.5 102.7 142.7#





#57
2,4-Dinitrotoluene
Concen: 2.652 ng
RT: 14.980 min Scan# 2006
Delta R.T. 0.000 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

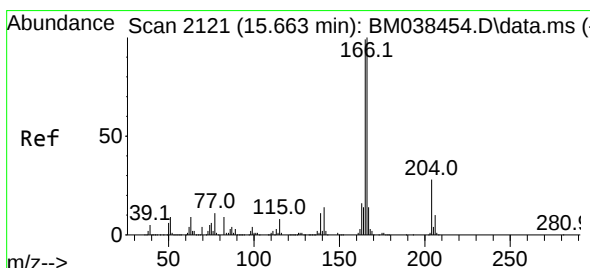
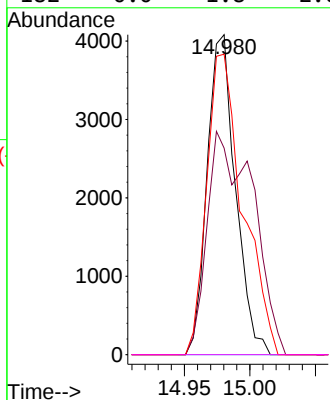
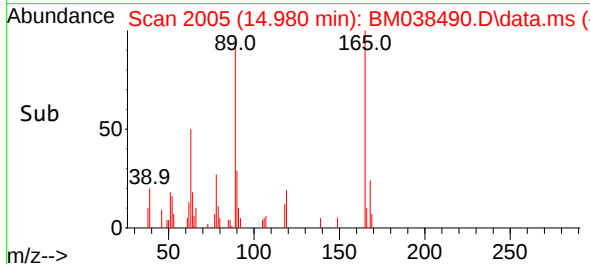
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion:165 Resp: 6136
Ion Ratio Lower Upper
165 100
63 64.5 47.7 71.5
89 93.9 71.5 107.3
182 0.0 1.8 2.6#

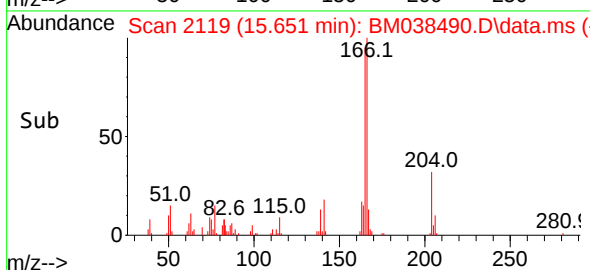
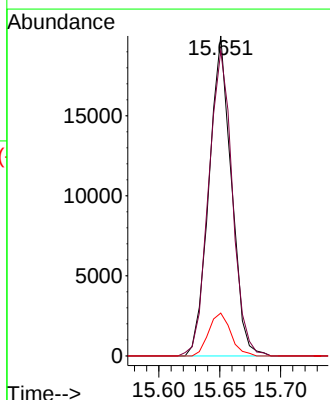
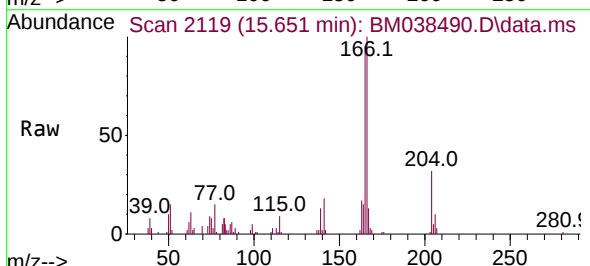
Manual Integrations
APPROVED

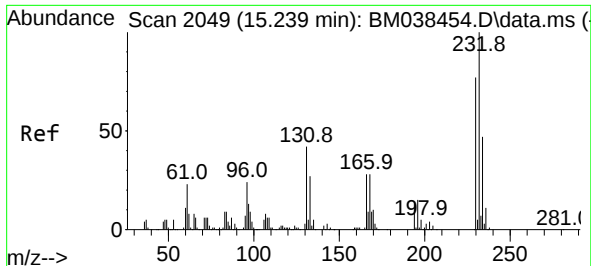
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#58
Fluorene
Concen: 3.041 ng
RT: 15.651 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

Tgt Ion:166 Resp: 25544
Ion Ratio Lower Upper
166 100
165 95.3 79.2 118.8
167 13.4 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 2.646 ng

RT: 15.227 min Scan# 2049

Delta R.T. -0.006 min

Lab File: BM038490.D

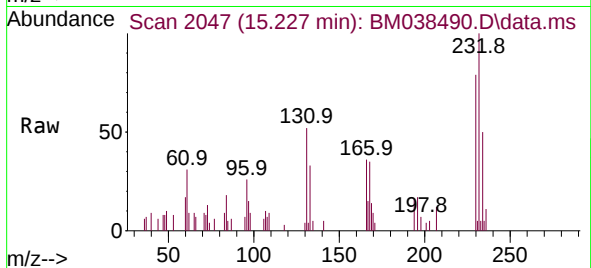
Acq: 19 Jan 2023 15:11

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2022



Tgt Ion:232 Resp: 6605

Ion Ratio Lower Upper

232 100

131 47.6 33.8 50.6

130 1.9 1.9 2.9

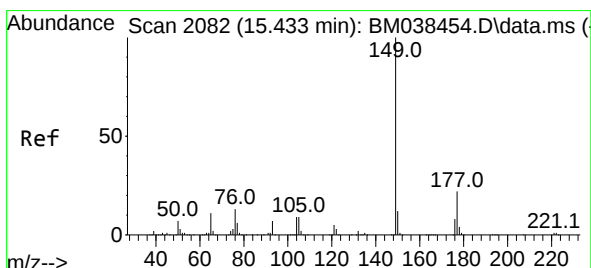
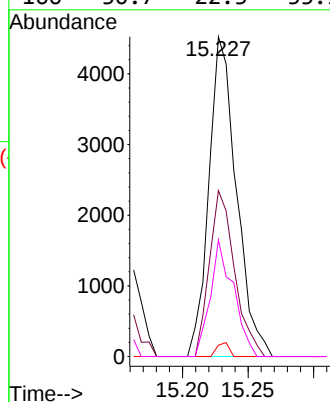
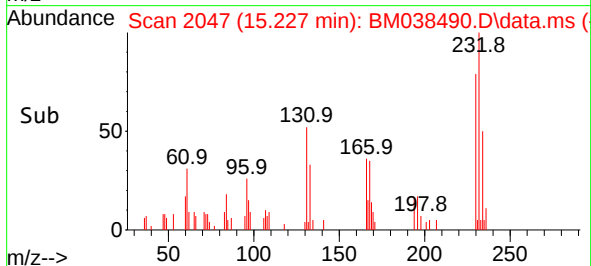
166 30.7 22.3 33.5

Manual Integrations

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Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#60

Diethylphthalate

Concen: 3.073 ng

RT: 15.416 min Scan# 2079

Delta R.T. -0.006 min

Lab File: BM038490.D

Acq: 19 Jan 2023 15:11

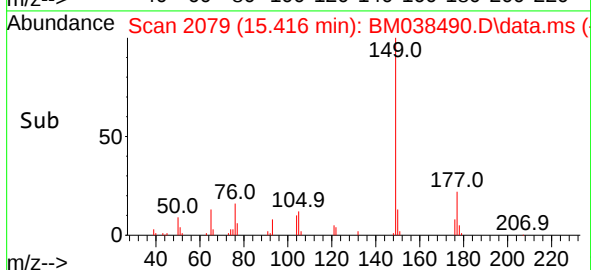
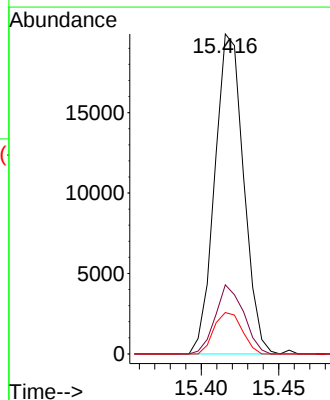
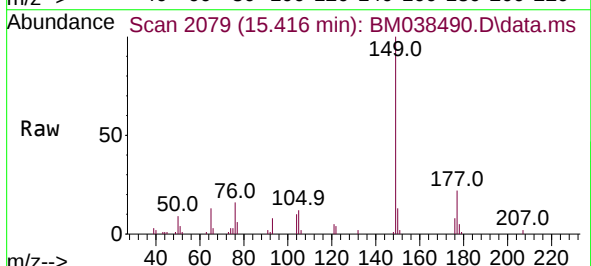
Tgt Ion:149 Resp: 25792

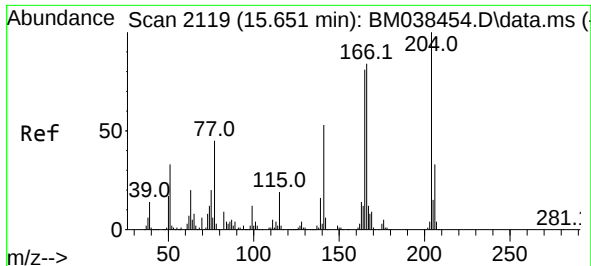
Ion Ratio Lower Upper

149 100

177 21.6 17.8 26.6

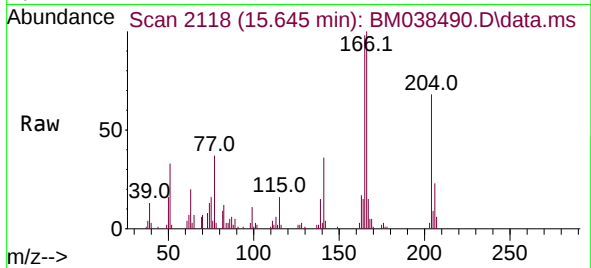
150 12.9 9.5 14.3





#61
4-Chlorophenyl-phenylether
Concen: 2.965 ng
RT: 15.645 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

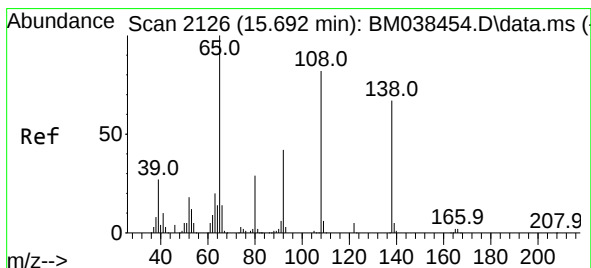
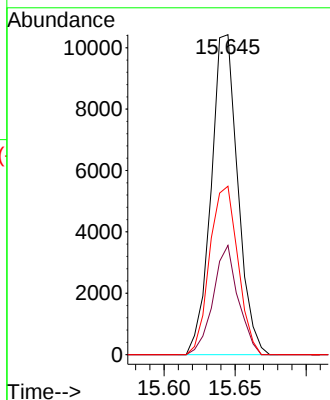
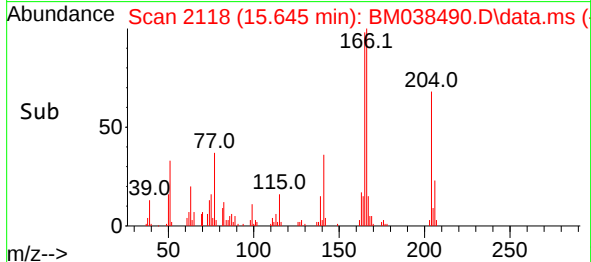
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2022



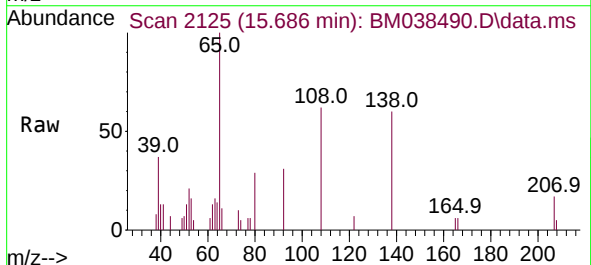
Tgt Ion:204 Resp: 1367
Ion Ratio Lower Upper
204 100
206 34.1 26.2 39.4
141 52.6 42.5 63.7

Manual Integrations
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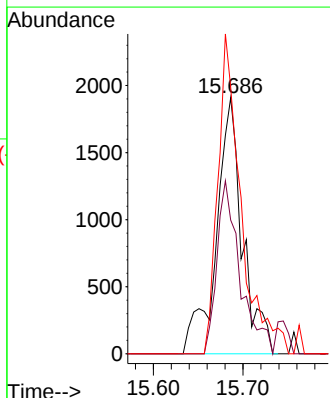
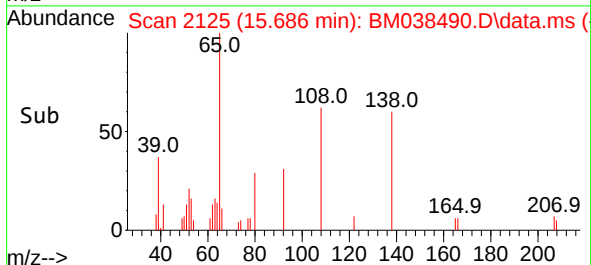
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

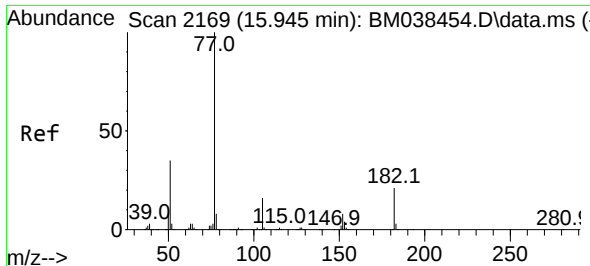


#62
4-Nitroaniline
Concen: 4.801 ng
RT: 15.686 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11



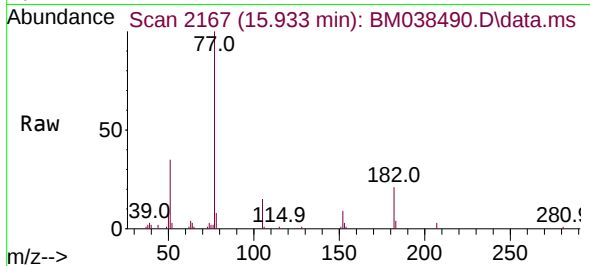
Tgt Ion:138 Resp: 3883
Ion Ratio Lower Upper
138 100
92 52.2 42.1 82.1
108 104.1 102.5 142.5





#63
Azobenzene
Concen: 3.408 ng
RT: 15.933 min Scan# 2167
Delta R.T. -0.006 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

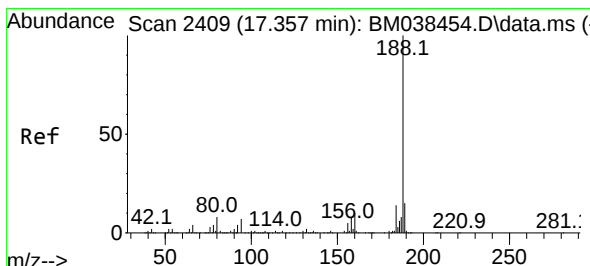
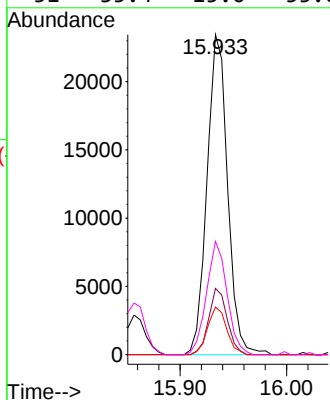
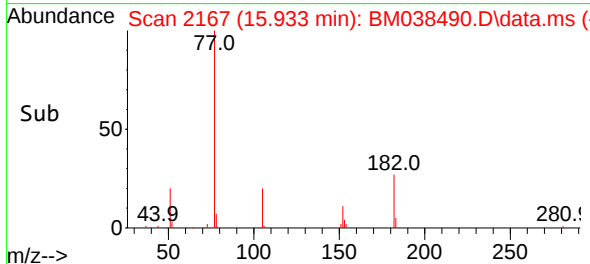
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion: 77	Resp: 3146
Ion Ratio	Lower Upper
77 100	
182 20.7	1.1 41.1
105 14.9	0.0 36.4
51 35.4	15.0 55.0

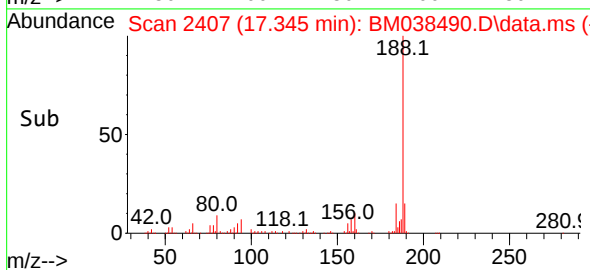
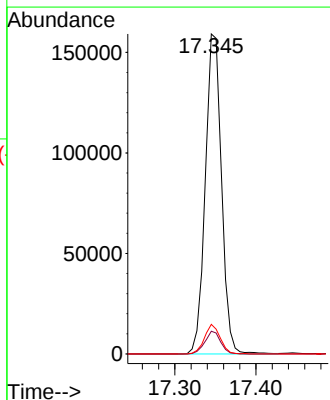
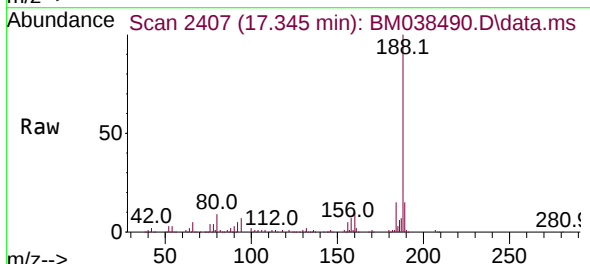
Manual Integrations
APPROVED

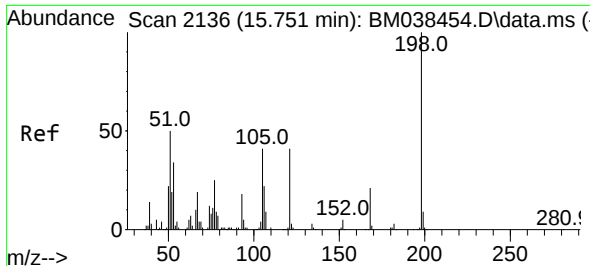
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.345 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

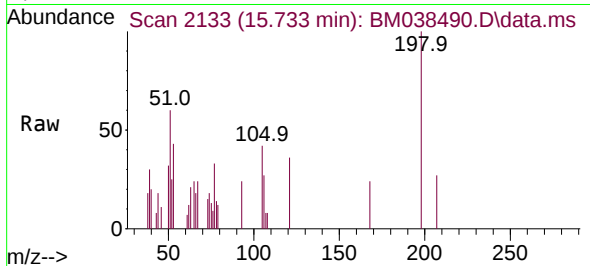
Tgt Ion: 188	Resp: 221293
Ion Ratio	Lower Upper
188 100	
94 7.1	5.4 8.0
80 9.2	6.5 9.7





#65
4,6-Dinitro-2-methylphenol
Concen: 2.428 ng
RT: 15.733 min Scan# 2133
Delta R.T. -0.006 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

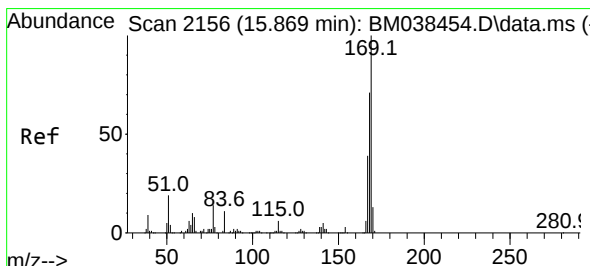
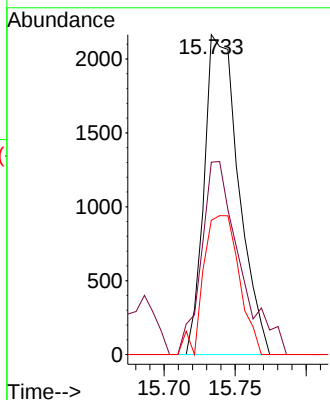
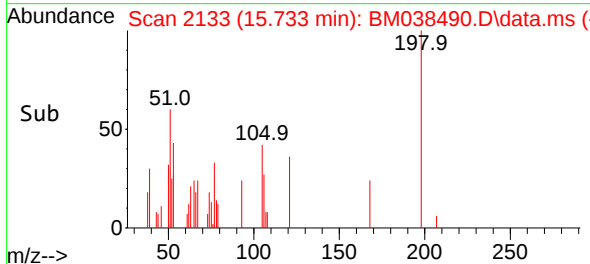
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion:198 Resp: 3646
Ion Ratio Lower Upper
198 100
51 60.1 31.6 71.6
105 42.0 21.5 61.5

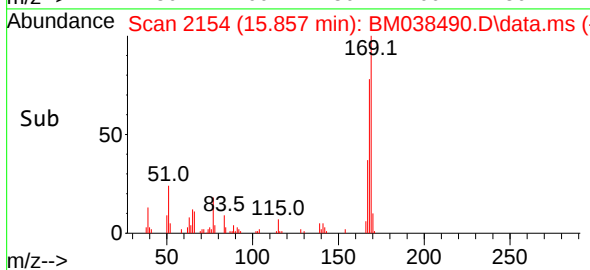
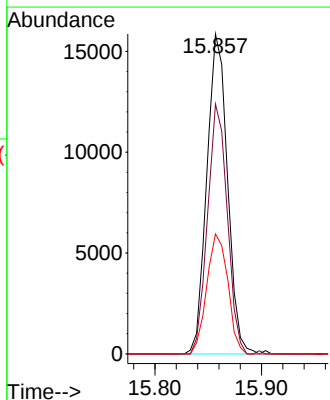
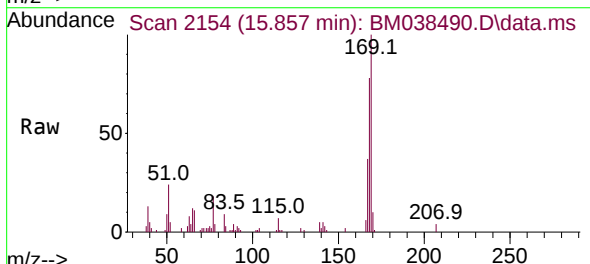
Manual Integrations
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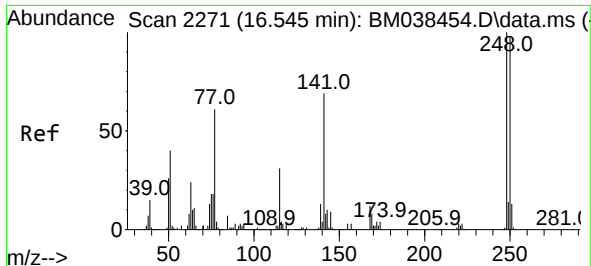
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#66
n-Nitrosodiphenylamine
Concen: 3.293 ng
RT: 15.857 min Scan# 2154
Delta R.T. -0.006 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

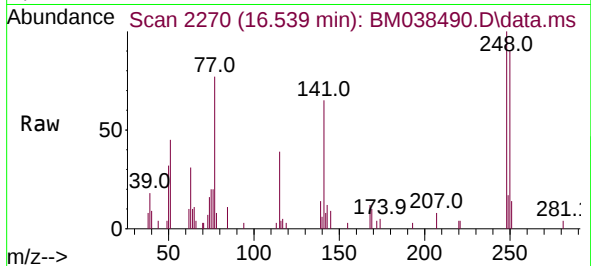
Tgt Ion:169 Resp: 21382
Ion Ratio Lower Upper
169 100
168 78.1 56.6 85.0
167 37.5 31.1 46.7





#67
4-Bromophenyl-phenylether
Concen: 3.069 ng
RT: 16.539 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

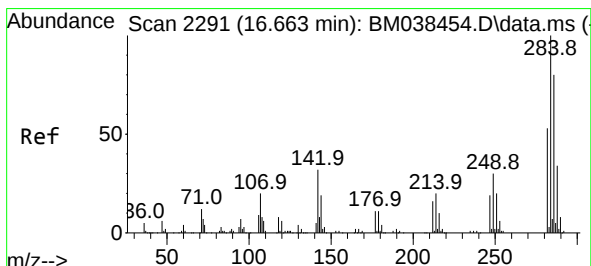
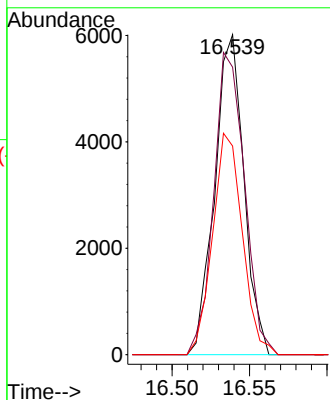
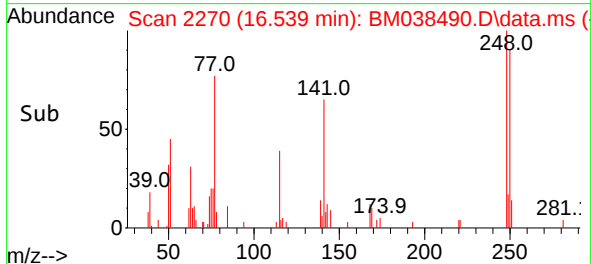
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2022



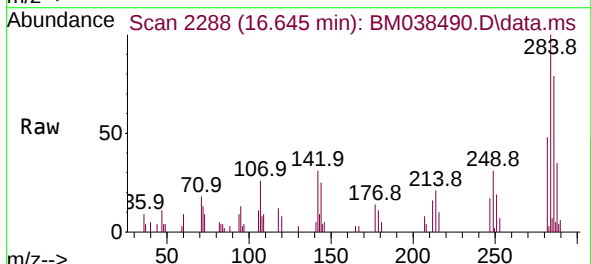
Tgt Ion:248 Resp: 7856
Ion Ratio Lower Upper
248 100
250 89.8 78.3 117.5
141 65.2 55.1 82.7

Manual Integrations
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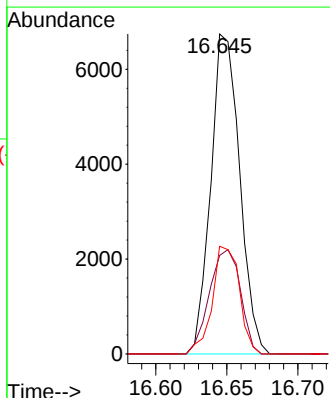
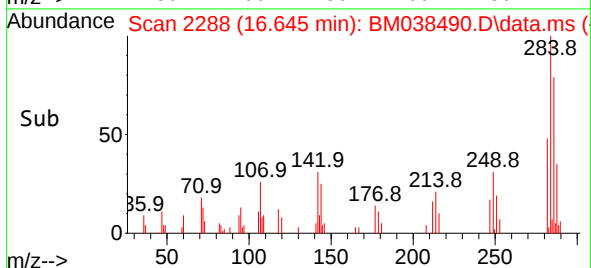
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

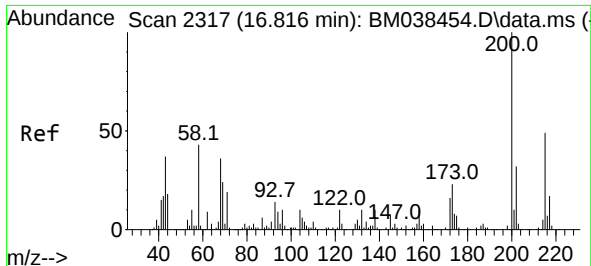


#68
Hexachlorobenzene
Concen: 3.333 ng
RT: 16.645 min Scan# 2288
Delta R.T. -0.012 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11



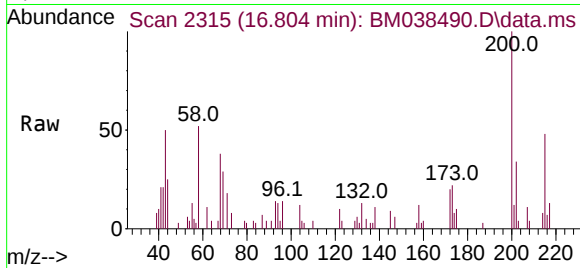
Tgt Ion:284 Resp: 9555
Ion Ratio Lower Upper
284 100
142 30.8 26.0 39.0
249 33.6 23.8 35.8





#69
 Atrazine
 Concen: 3.206 ng
 RT: 16.804 min Scan# 2315
 Delta R.T. -0.006 min
 Lab File: BM038490.D
 Acq: 19 Jan 2023 15:11

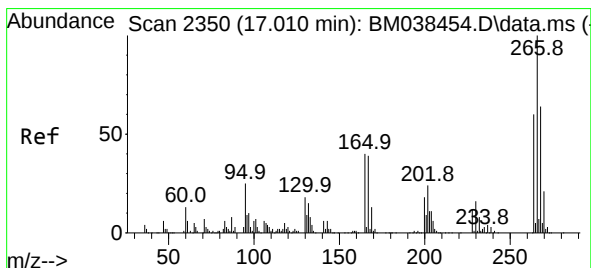
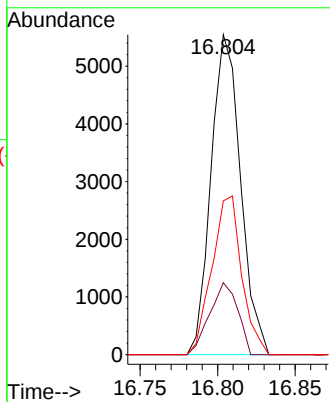
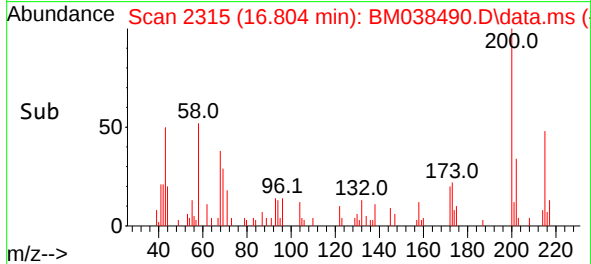
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT3-2022



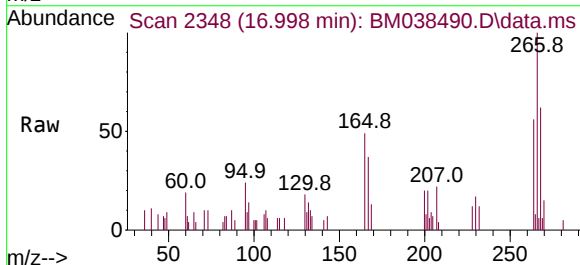
Tgt Ion:200 Resp: 7362
 Ion Ratio Lower Upper
 200 100
 173 22.5 3.4 43.4
 215 48.0 29.3 69.3

Manual Integrations
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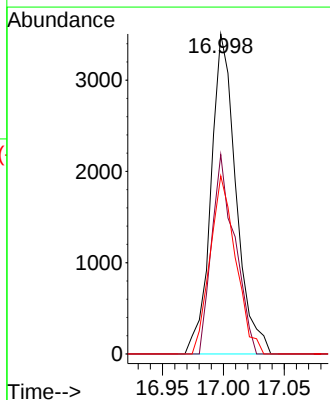
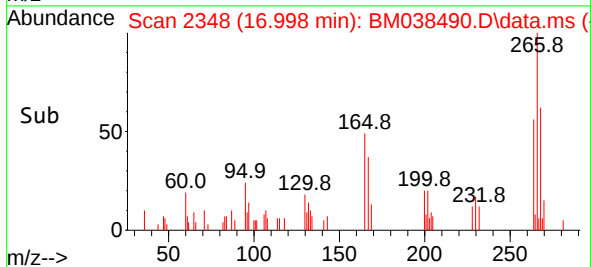
Reviewed By :Christian Giraldo 01/20/2023
 Supervised By :Jagrut Upadhyay 01/20/2023

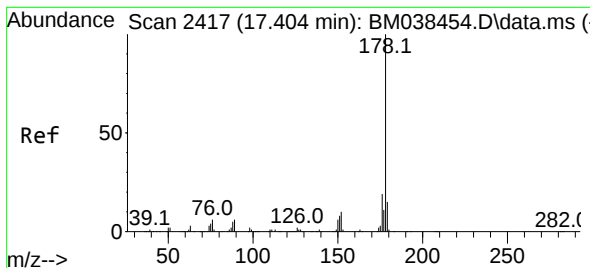


#70
 Pentachlorophenol
 Concen: 2.399 ng
 RT: 16.998 min Scan# 2348
 Delta R.T. 0.000 min
 Lab File: BM038490.D
 Acq: 19 Jan 2023 15:11



Tgt Ion:266 Resp: 5019
 Ion Ratio Lower Upper
 266 100
 268 62.3 51.4 77.0
 264 63.3 48.2 72.2





#71

Phenanthrene

Concen: 3.354 ng

RT: 17.386 min Scan# 2417

Delta R.T. -0.006 min

Lab File: BM038490.D

Acq: 19 Jan 2023 15:11

Instrument :

BNA_M

ClientSampleId :

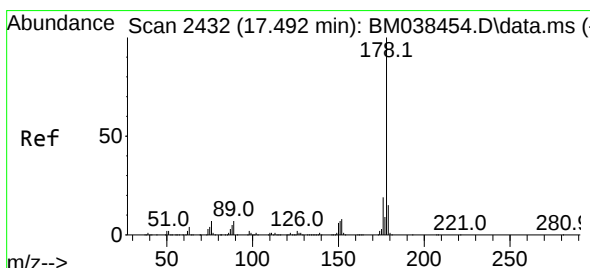
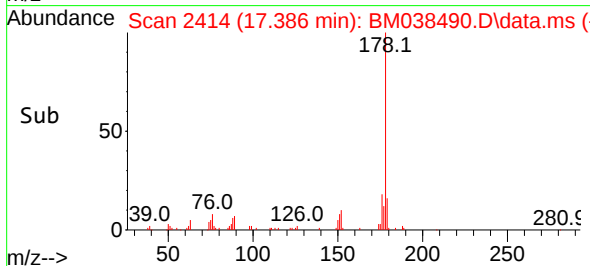
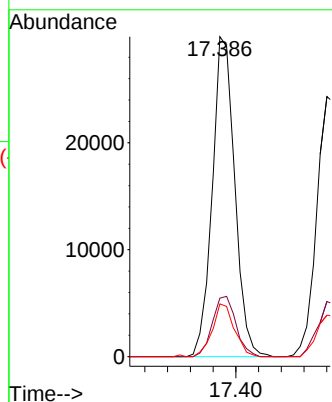
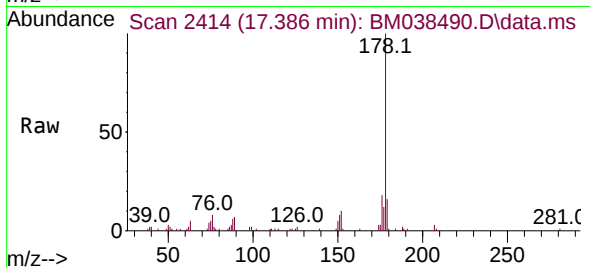
MDL-WATER-03-QT3-2022

Tgt Ion:178 Resp: 41068
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.4 23.0
 179 16.5 12.1 18.1

Manual Integrations

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Reviewed By :Christian Giraldo 01/20/2023
 Supervised By :Jagrut Upadhyay 01/20/2023



#72

Anthracene

Concen: 3.077 ng

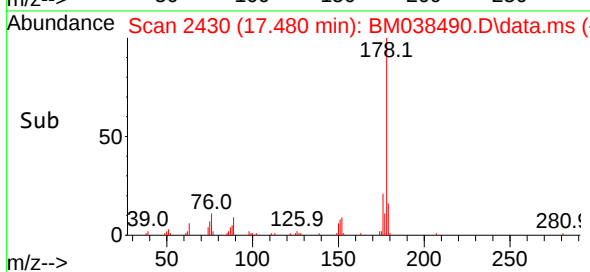
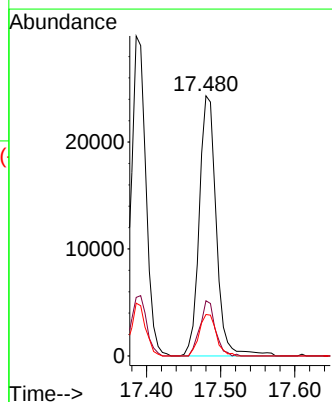
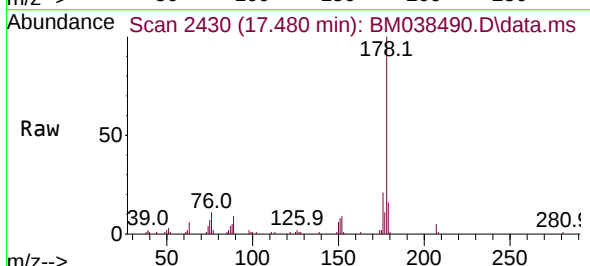
RT: 17.480 min Scan# 2430

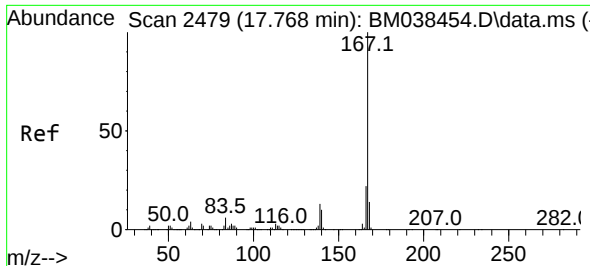
Delta R.T. -0.006 min

Lab File: BM038490.D

Acq: 19 Jan 2023 15:11

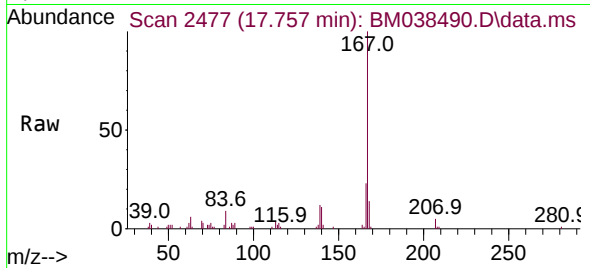
Tgt Ion:178 Resp: 38718
 Ion Ratio Lower Upper
 178 100
 176 21.2 15.0 22.6
 179 15.9 12.2 18.2





#73
 Carbazole
 Concen: 3.127 ng
 RT: 17.757 min Scan# 2479
 Delta R.T. 0.000 min
 Lab File: BM038490.D
 Acq: 19 Jan 2023 15:11

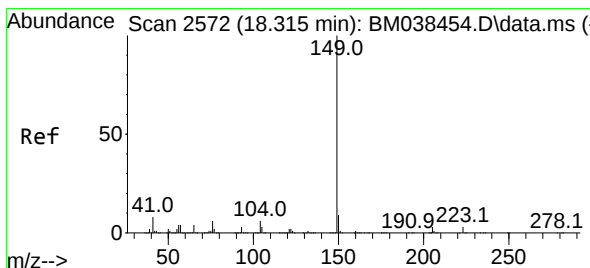
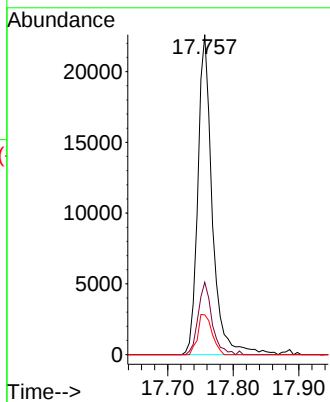
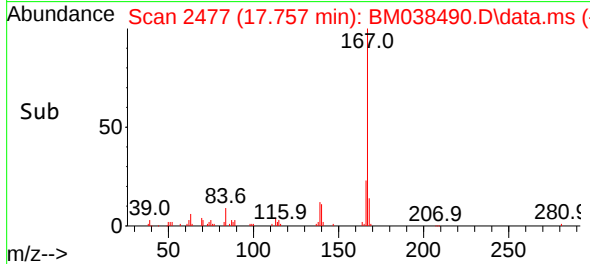
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT3-2022



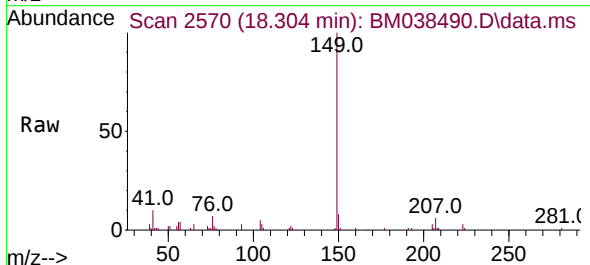
Tgt Ion:167 Resp: 34410
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.4 26.0
 139 12.4 10.1 15.1

Manual Integrations
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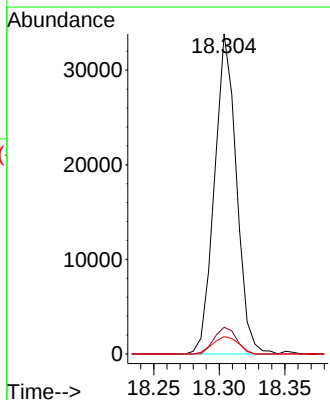
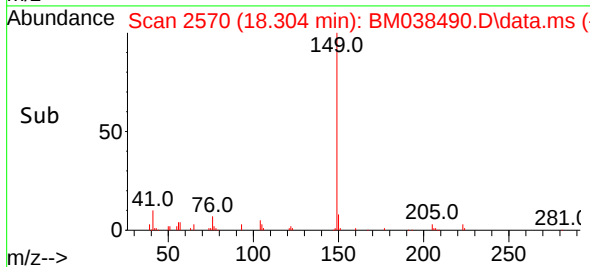
Reviewed By :Christian Giraldo 01/20/2023
 Supervised By :Jagrut Upadhyay 01/20/2023

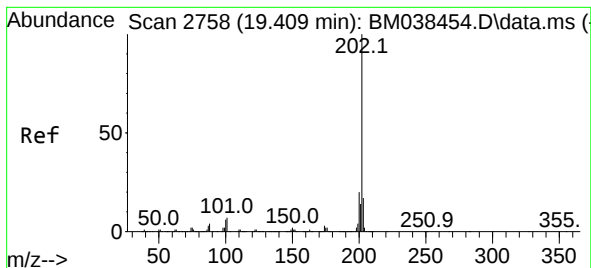


#74
 Di-n-butylphthalate
 Concen: 3.020 ng
 RT: 18.304 min Scan# 2570
 Delta R.T. -0.006 min
 Lab File: BM038490.D
 Acq: 19 Jan 2023 15:11



Tgt Ion:149 Resp: 39469
 Ion Ratio Lower Upper
 149 100
 150 8.3 7.4 11.2
 104 5.4 4.7 7.1





#75

Fluoranthene

Concen: 3.016 ng

RT: 19.398 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM038490.D

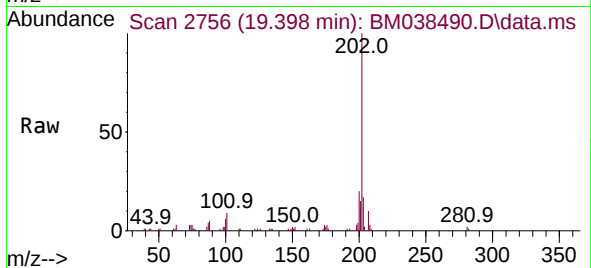
Acq: 19 Jan 2023 15:11

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2022



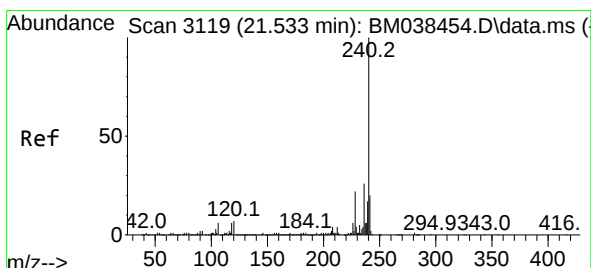
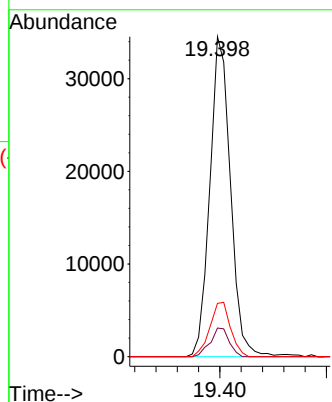
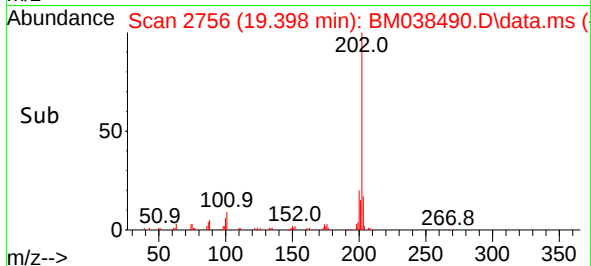
Tgt Ion:	202	Resp:	46412
Ion Ratio	Lower	Upper	
202	100		
101	8.9	0.0	27.4
203	16.7	0.0	37.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#76

Chrysene-d12

Concen: 20.000 ng

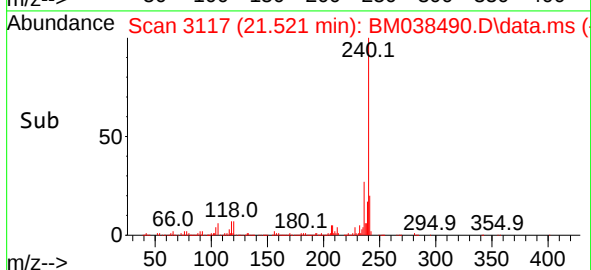
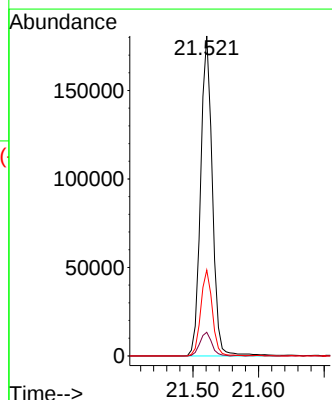
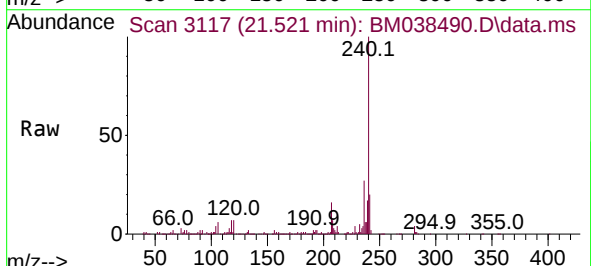
RT: 21.521 min Scan# 3117

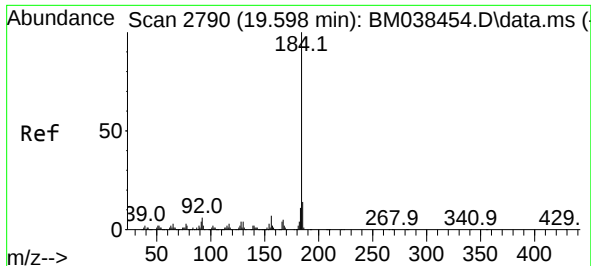
Delta R.T. -0.006 min

Lab File: BM038490.D

Acq: 19 Jan 2023 15:11

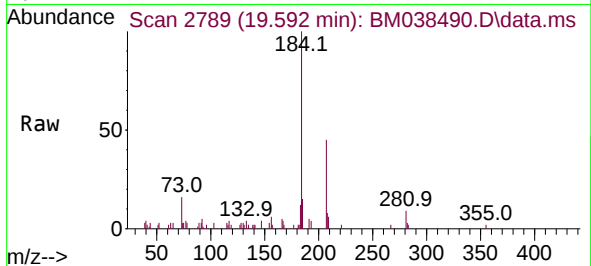
Tgt Ion:	240	Resp:	222895
Ion Ratio	Lower	Upper	
240	100		
120	7.4	5.6	8.4
236	26.8	21.0	31.4





#77
Benzidine
Concen: 3.740 ng
RT: 19.592 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

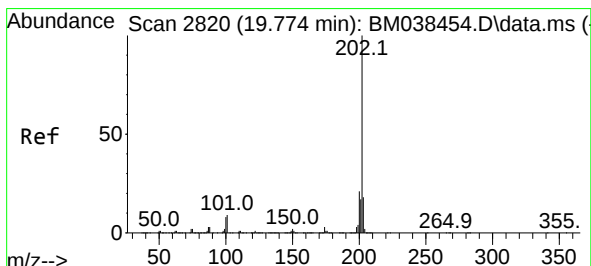
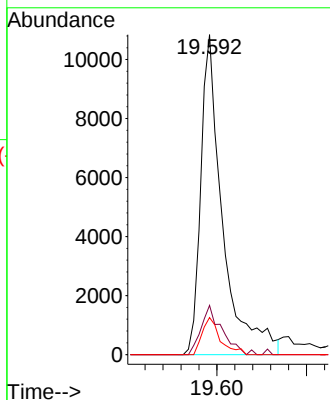
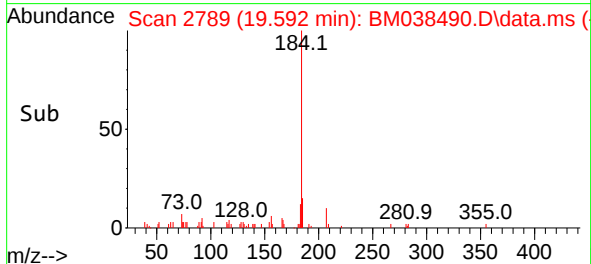
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion:184 Resp: 18264
Ion Ratio Lower Upper
184 100
185 15.4 11.1 16.7
183 11.6 8.6 13.0

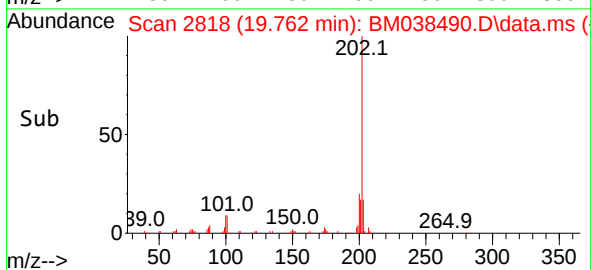
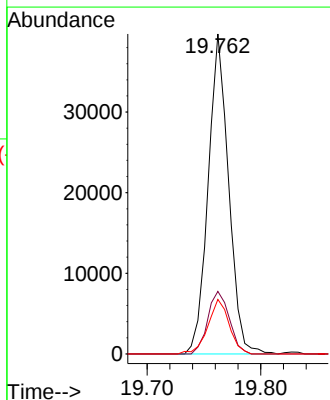
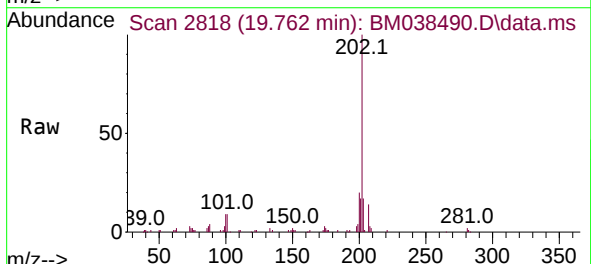
Manual Integrations
APPROVED

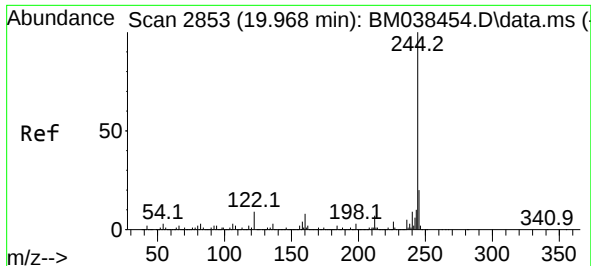
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#78
Pyrene
Concen: 3.343 ng
RT: 19.762 min Scan# 2818
Delta R.T. -0.006 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

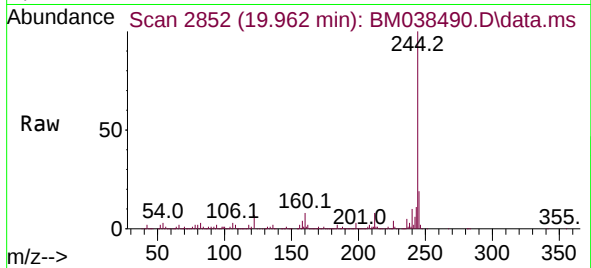
Tgt Ion:202 Resp: 49595
Ion Ratio Lower Upper
202 100
200 19.5 16.9 25.3
203 17.0 14.2 21.2





#79
 Terphenyl-d14
 Concen: 85.176 ng
 RT: 19.962 min Scan# 2852
 Delta R.T. 0.000 min
 Lab File: BM038490.D
 Acq: 19 Jan 2023 15:11

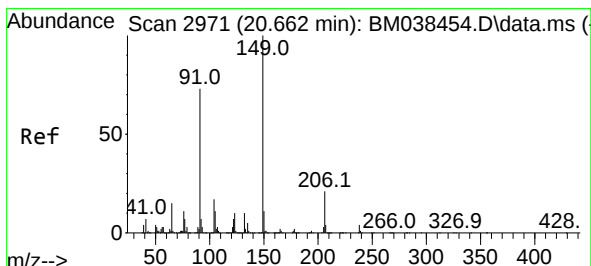
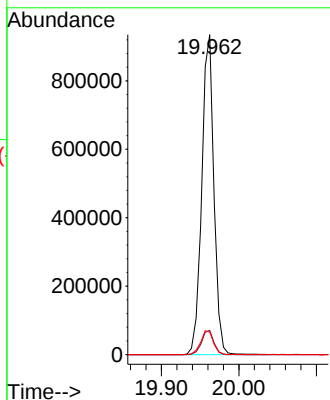
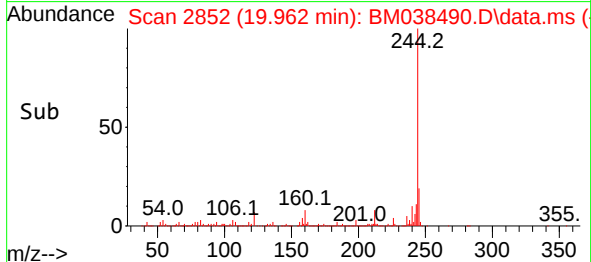
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT3-2022



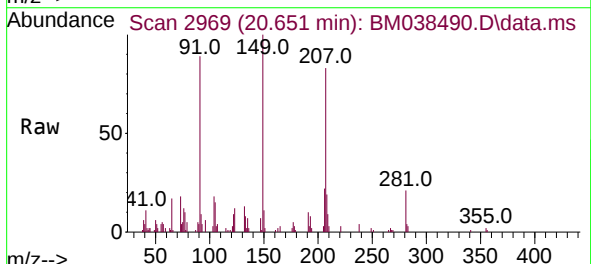
Tgt Ion:244 Resp: 101415
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.8 8.8
 122 7.0 7.1 10.7

Manual Integrations
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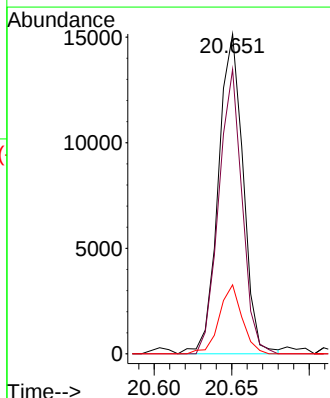
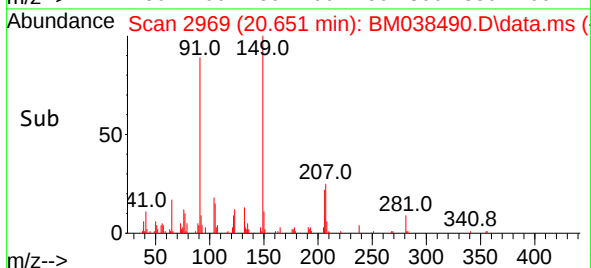
Reviewed By :Christian Giraldo 01/20/2023
 Supervised By :Jagrut Upadhyay 01/20/2023

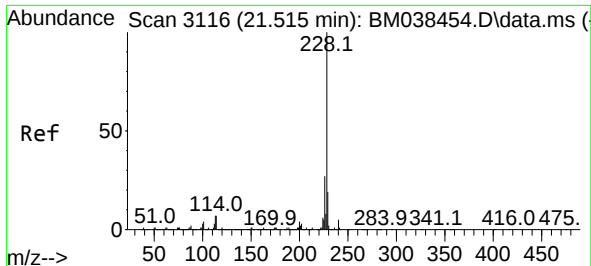


#80
 Butylbenzylphthalate
 Concen: 3.115 ng
 RT: 20.651 min Scan# 2969
 Delta R.T. -0.006 min
 Lab File: BM038490.D
 Acq: 19 Jan 2023 15:11



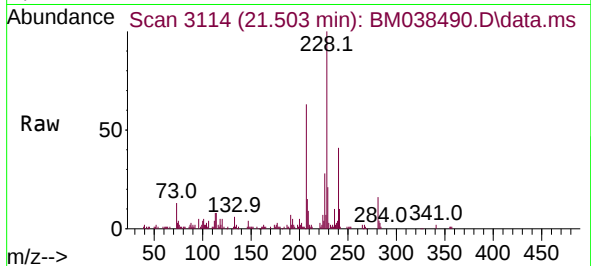
Tgt Ion:149 Resp: 16888
 Ion Ratio Lower Upper
 149 100
 91 88.9 58.3 87.5#
 206 21.6 16.7 25.1





#81
Benzo(a)anthracene
Concen: 3.368 ng
RT: 21.503 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

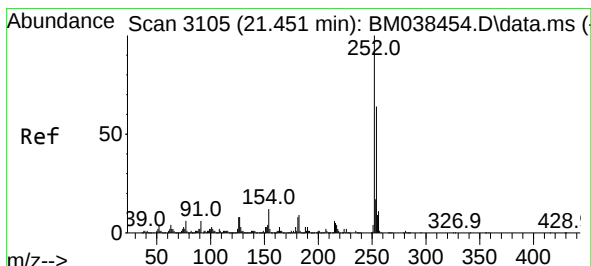
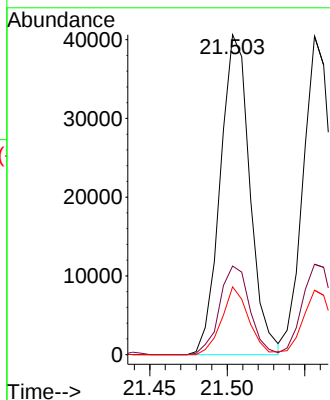
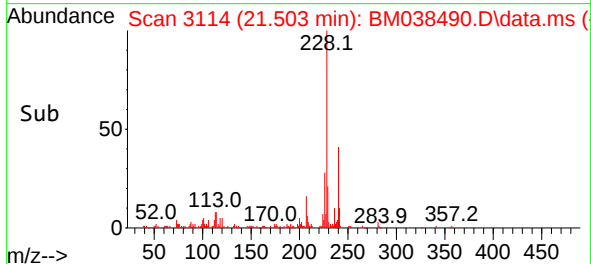
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion:228 Resp: 53998
Ion Ratio Lower Upper
228 100
226 27.7 22.0 33.0
229 21.2 15.4 23.0

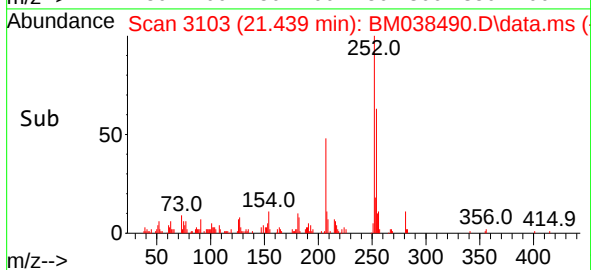
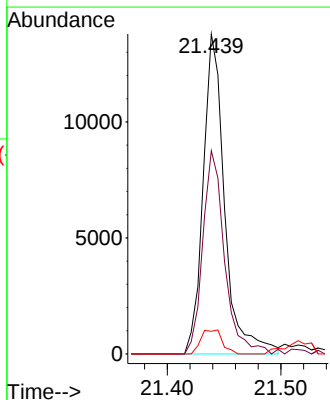
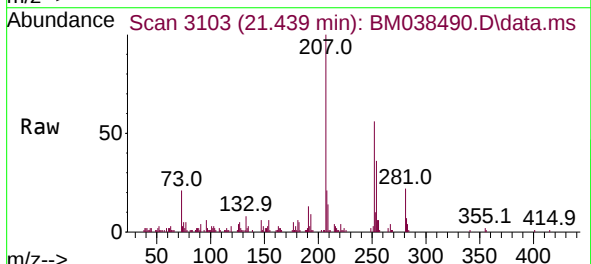
Manual Integrations
APPROVED

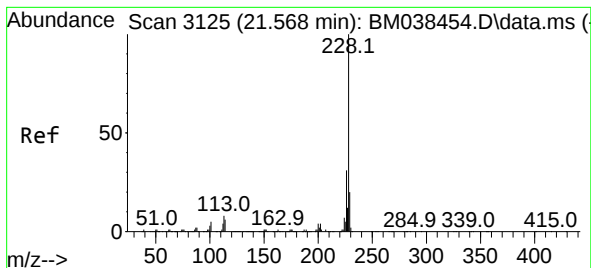
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#82
3,3'-Dichlorobenzidine
Concen: 3.514 ng
RT: 21.439 min Scan# 3103
Delta R.T. -0.006 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

Tgt Ion:252 Resp: 18140
Ion Ratio Lower Upper
252 100
254 63.5 51.2 76.8
126 7.1 6.3 9.5





#83

Chrysene

Concen: 3.389 ng

RT: 21.556 min Scan# 3125

Delta R.T. -0.006 min

Lab File: BM038490.D

Acq: 19 Jan 2023 15:11

Instrument :

BNA_M

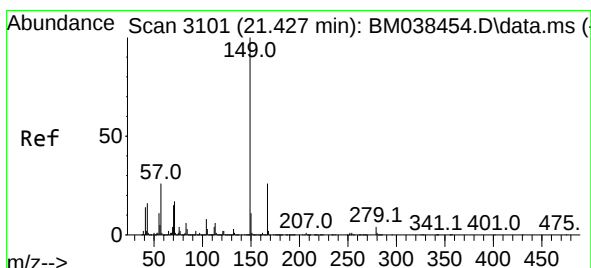
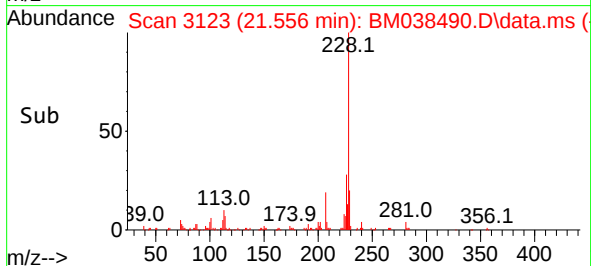
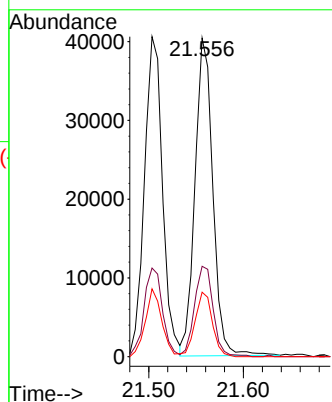
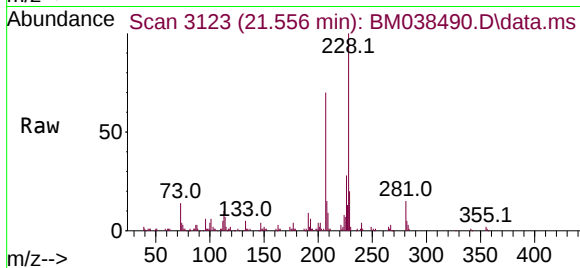
ClientSampleId :

MDL-WATER-03-QT3-2022

Tgt Ion:	228	Resp:	52803
Ion Ratio	Lower	Upper	
228	100		
226	28.4	24.6	36.8
229	20.2	16.1	24.1

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.989 ng

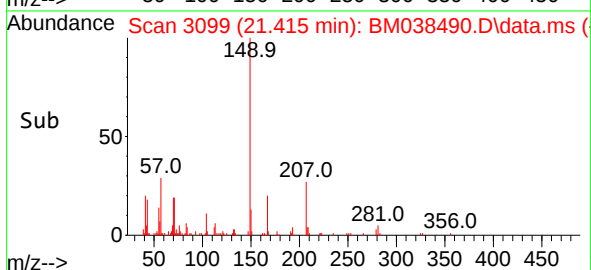
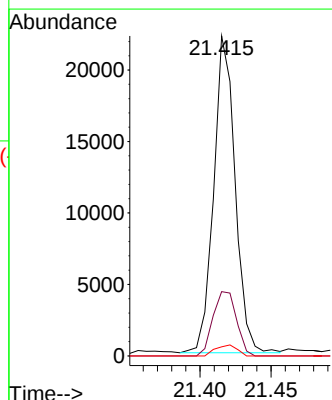
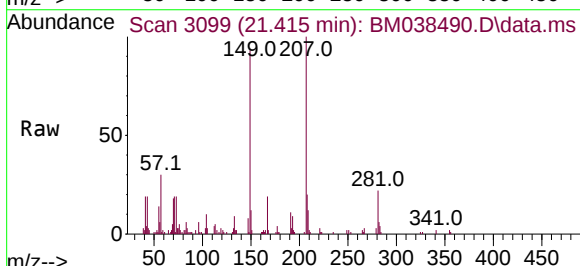
RT: 21.415 min Scan# 3099

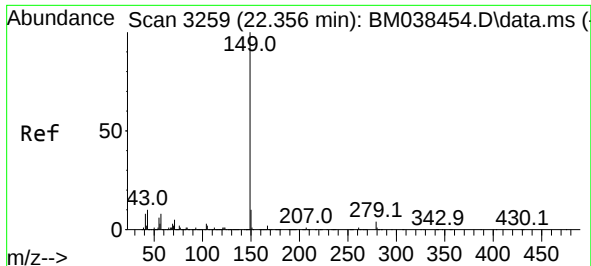
Delta R.T. -0.006 min

Lab File: BM038490.D

Acq: 19 Jan 2023 15:11

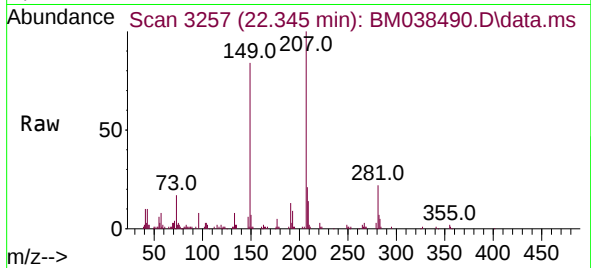
Tgt Ion:	149	Resp:	23298
Ion Ratio	Lower	Upper	
149	100		
167	20.1	21.0	31.4#
279	2.8	3.4	5.0#





#85
Di-n-octyl phthalate
Concen: 3.061 ng
RT: 22.345 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

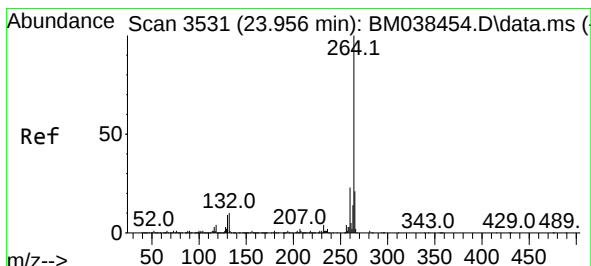
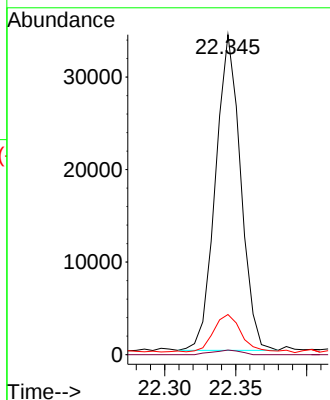
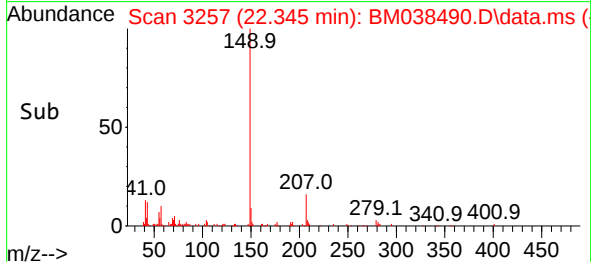
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion:149 Resp: 41973
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 14.0 8.4 12.6

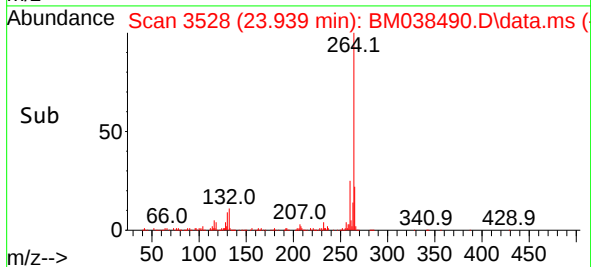
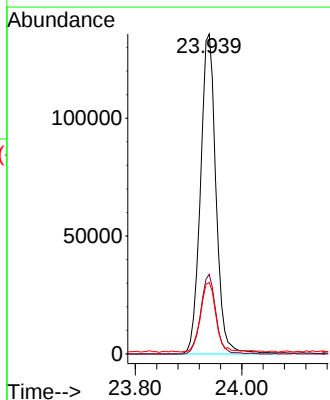
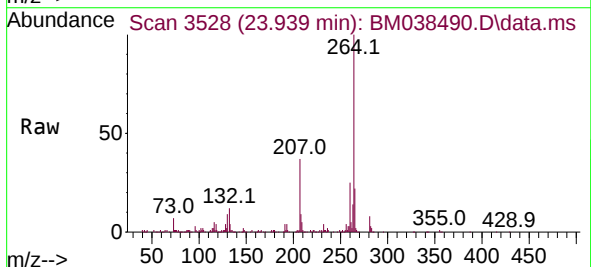
Manual Integrations
APPROVED

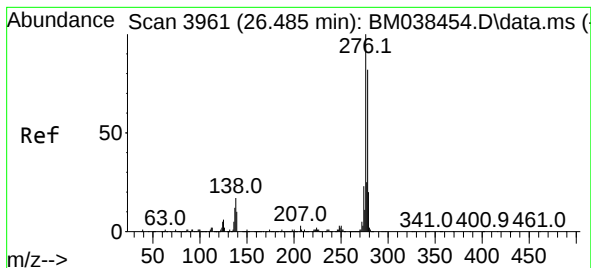
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.939 min Scan# 3528
Delta R.T. 0.000 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

Tgt Ion:264 Resp: 274270
Ion Ratio Lower Upper
264 100
260 24.9 18.2 27.4
265 22.3 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.279 ng

RT: 26.450 min Scan# 3961

Delta R.T. -0.017 min

Lab File: BM038490.D

Acq: 19 Jan 2023 15:11

Instrument :

BNA_M

ClientSampleId :

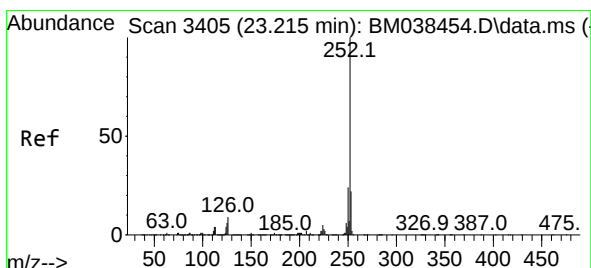
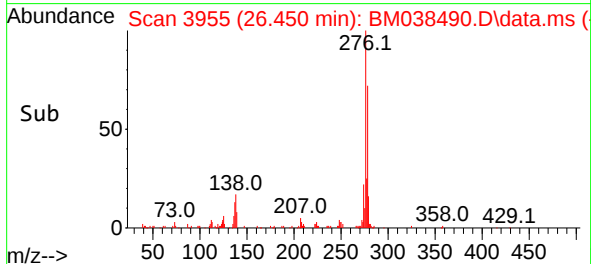
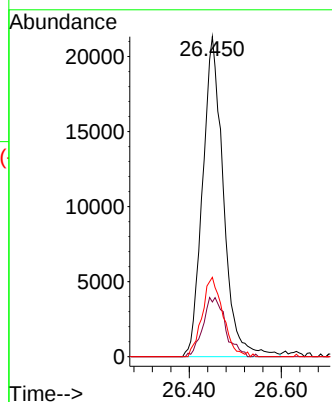
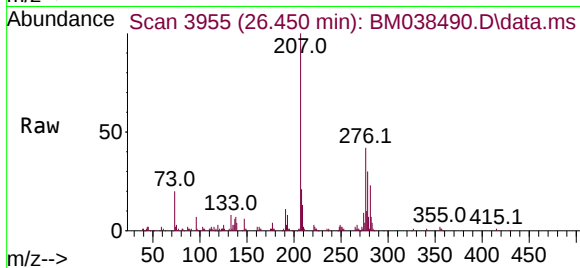
MDL-WATER-03-QT3-2022

Tgt Ion:	276	Resp:	6655
Ion Ratio	Lower	Upper	
276	100		
138	20.0	13.4	20.2
277	24.9	19.8	29.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#88

Benzo(b)fluoranthene

Concen: 3.297 ng

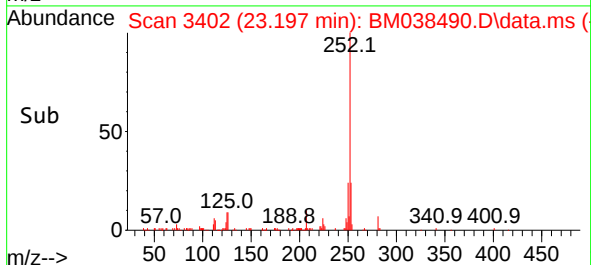
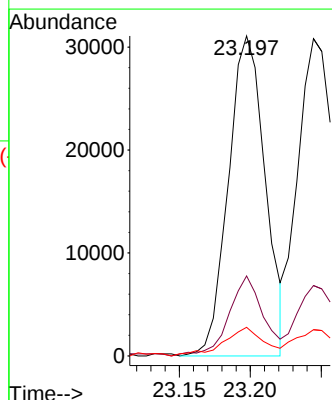
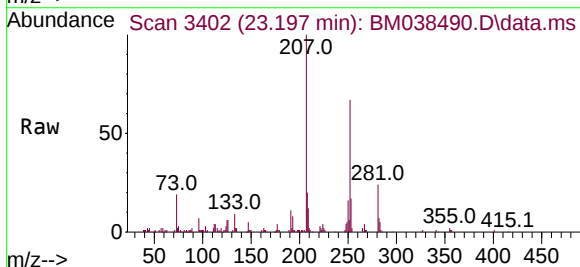
RT: 23.197 min Scan# 3402

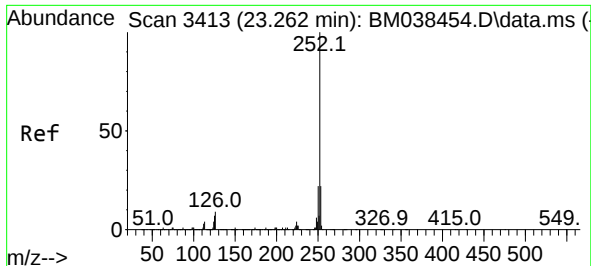
Delta R.T. -0.006 min

Lab File: BM038490.D

Acq: 19 Jan 2023 15:11

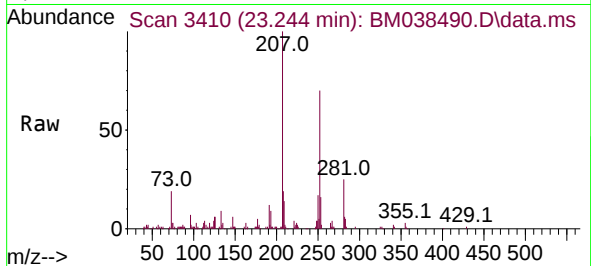
Tgt Ion:	252	Resp:	56078
Ion Ratio	Lower	Upper	
252	100		
253	25.0	17.8	26.6
125	8.9	5.1	7.7#





#89
Benzo(k)fluoranthene
Concen: 3.317 ng
RT: 23.244 min Scan# 3413
Delta R.T. -0.012 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

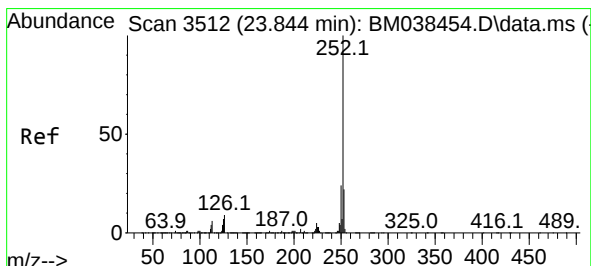
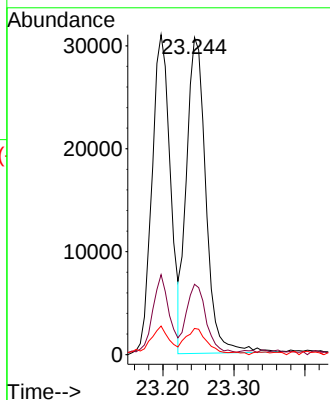
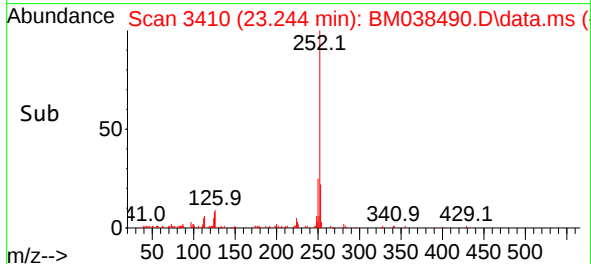
Instrument : BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion:252 Resp: 5832
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 8.3 5.5 8.3

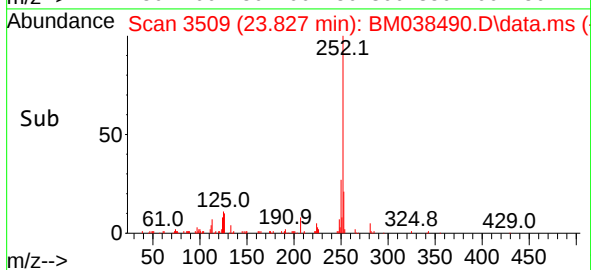
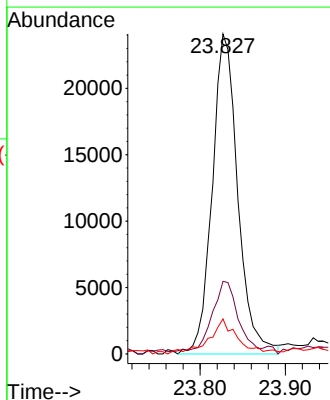
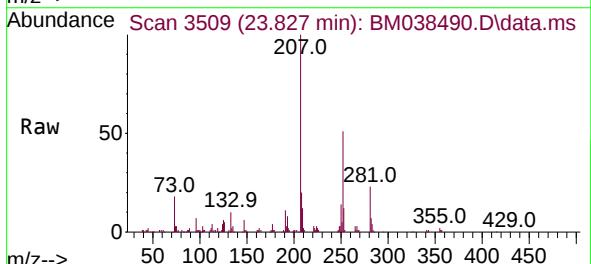
Manual Integrations
APPROVED

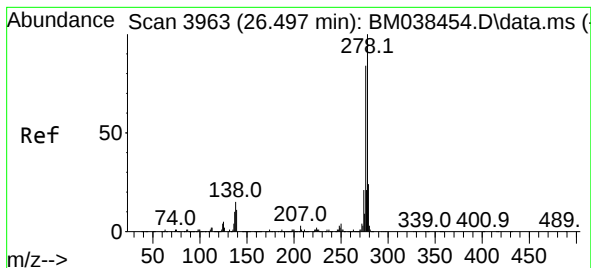
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#90
Benzo(a)pyrene
Concen: 3.011 ng
RT: 23.827 min Scan# 3509
Delta R.T. -0.012 min
Lab File: BM038490.D
Acq: 19 Jan 2023 15:11

Tgt Ion:252 Resp: 50248
Ion Ratio Lower Upper
252 100
253 22.7 17.6 26.4
125 10.9 5.8 8.8#





#91

Dibenzo(a,h)anthracene

Concen: 3.359 ng

RT: 26.456 min Scan# 3963

Delta R.T. -0.023 min

Lab File: BM038490.D

Acq: 19 Jan 2023 15:11

Instrument :

BNA_M

ClientSampleId :

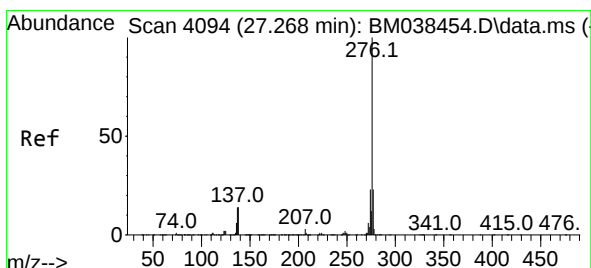
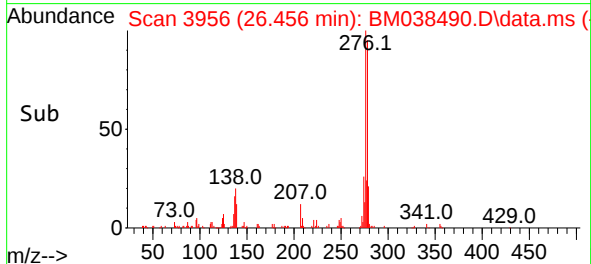
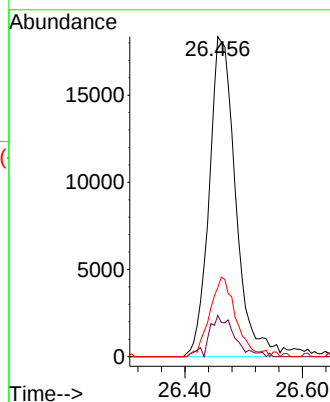
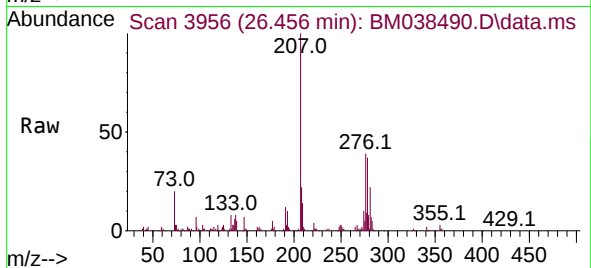
MDL-WATER-03-QT3-2022

Tgt Ion:	278	Resp:	57208
Ion Ratio	Lower	Upper	
278	100		
139	12.8	8.4	12.6
279	21.6	19.0	28.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#92

Benzo(g,h,i)perylene

Concen: 3.565 ng

RT: 27.227 min Scan# 4087

Delta R.T. -0.023 min

Lab File: BM038490.D

Acq: 19 Jan 2023 15:11

Tgt Ion:	276	Resp:	60247
Ion Ratio	Lower	Upper	
276	100		
277	22.5	18.6	27.8
138	17.3	11.3	16.9

