

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011923\
 Data File : BM038489.D
 Acq On : 19 Jan 2023 14:34
 Operator : CG/JU
 Sample : N3980-09
 Misc : MDL-MDL-WATER 8PPM
 ALS Vial : 6 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 02:47:01 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	48448	20.000	ng	0.00
21) Naphthalene-d8	10.781	136	170104	20.000	ng	0.00
39) Acenaphthene-d10	14.604	164	102420	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	230946	20.000	ng	0.00
76) Chrysene-d12	21.521	240	237650	20.000	ng	0.00
86) Perylene-d12	23.939	264	286527	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	363648	114.495	ng	0.00
7) Phenol-d6	7.134	99	452501	111.220	ng	0.00
23) Nitrobenzene-d5	9.145	82	319563	76.545	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	175867	101.575	ng	0.00
45) 2-Fluorobiphenyl	13.233	172	573426	69.823	ng	0.00
79) Terphenyl-d14	19.962	244	958837	75.530	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.375	88	12020	8.281	ng	98
3) Pyridine	3.805	79	25824m	6.150	ng	
4) n-Nitrosodimethylamine	3.710	42	20442	8.229	ng	98
6) Aniline	7.298	93	35989	7.003	ng	98
8) 2-Chlorophenol	7.534	128	23936	7.612	ng	94
9) Benzaldehyde	7.116	77	27917	10.261	ng	95
10) Phenol	7.163	94	33279	7.849	ng	89
11) bis(2-Chloroethyl)ether	7.398	93	26030	7.576	ng	95
12) 1,3-Dichlorobenzene	7.857	146	25274	7.503	ng	97
13) 1,4-Dichlorobenzene	8.010	146	26268	7.751	ng	95
14) 1,2-Dichlorobenzene	8.322	146	25417	7.670	ng	94
15) Benzyl Alcohol	8.222	79	23864	7.323	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.498	45	40409	8.436	ng	97
17) 2-Methylphenol	8.422	107	19714	6.884	ng	96
18) Hexachloroethane	9.051	117	11091	7.990	ng	93
19) n-Nitroso-di-n-propyla...	8.781	70	22202	7.518	ng	97
20) 3+4-Methylphenols	8.745	107	25493	6.631	ng	92
22) Acetophenone	8.804	105	39067	7.770	ng	92
24) Nitrobenzene	9.187	77	36588	8.295	ng	92
25) Isophorone	9.710	82	53162	7.189	ng	100
26) 2-Nitrophenol	9.898	139	10368	6.695	ng	93
27) 2,4-Dimethylphenol	9.957	122	16170	6.132	ng	92
28) bis(2-Chloroethoxy)met...	10.192	93	30369	7.302	ng	95
29) 2,4-Dichlorophenol	10.434	162	19231	6.601	ng	91
30) 1,2,4-Trichlorobenzene	10.645	180	24254	7.200	ng	99
31) Naphthalene	10.833	128	65085	7.220	ng	98
32) Benzoic acid	10.039	122	9394m	8.933	ng	
33) 4-Chloroaniline	10.951	127	24958	6.307	ng	97
34) Hexachlorobutadiene	11.104	225	16320	6.908	ng	93
35) Caprolactam	11.728	113	4553	5.530	ng	# 91
36) 4-Chloro-3-methylphenol	12.069	107	21035	6.622	ng	95
37) 2-Methylnaphthalene	12.439	142	41976	6.368	ng	96
38) 1-Methylnaphthalene	12.657	142	38878m	6.282	ng	
40) 1,2,4,5-Tetrachloroben...	12.804	216	26956	7.032	ng	99
41) Hexachlorocyclopentadiene	12.775	237	13728	6.298	ng	95
43) 2,4,6-Trichlorophenol	13.045	196	16099m	6.644	ng	

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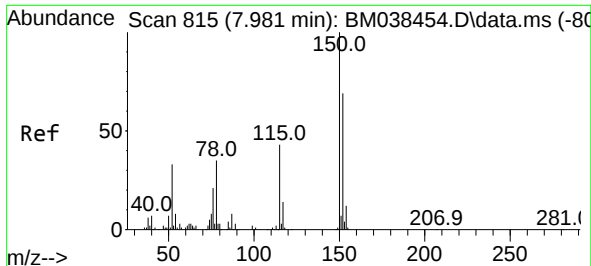
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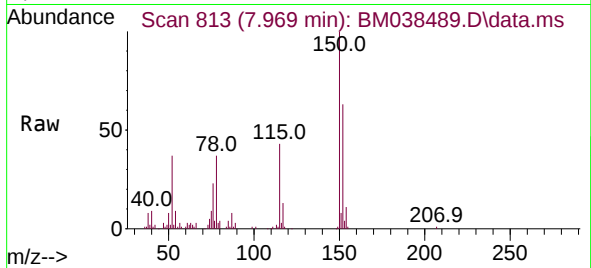
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.122	196	17685	6.190	ng	97
46) 1,1'-Biphenyl	13.445	154	57165	7.194	ng	97
47) 2-Chloronaphthalene	13.486	162	45877	7.335	ng	93
48) 2-Nitroaniline	13.698	65	15244	8.152	ng	92
49) Acenaphthylene	14.333	152	65632	6.656	ng	97
50) Dimethylphthalate	14.063	163	54935	6.618	ng	98
51) 2,6-Dinitrotoluene	14.192	165	10426	6.174	ng	90
52) Acenaphthene	14.669	154	40666	6.787	ng	96
53) 3-Nitroaniline	14.521	138	9558	7.508	ng	95
54) 2,4-Dinitrophenol	14.733	184	5759	9.386	ng	97
55) Dibenzofuran	15.004	168	67762	6.642	ng	97
56) 4-Nitrophenol	14.827	139	7700	8.676	ng	# 80
57) 2,4-Dinitrotoluene	14.980	165	13905	5.924	ng	# 94
58) Fluorene	15.651	166	53370	6.261	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.227	232	15477	6.110	ng	98
60) Diethylphthalate	15.416	149	54439	6.393	ng	96
61) 4-Chlorophenyl-phenyle...	15.645	204	28521	6.096	ng	98
62) 4-Nitroaniline	15.680	138	9180	7.297	ng	94
63) Azobenzene	15.933	77	66957	7.146	ng	97
65) 4,6-Dinitro-2-methylph...	15.733	198	7902	5.042	ng	85
66) n-Nitrosodiphenylamine	15.857	169	45421	6.703	ng	97
67) 4-Bromophenyl-phenylether	16.533	248	16399	6.139	ng	98
68) Hexachlorobenzene	16.651	284	19993	6.683	ng	94
69) Atrazine	16.804	200	16788	7.006	ng	100
70) Pentachlorophenol	16.998	266	11062	5.065	ng	98
71) Phenanthrene	17.392	178	85683	6.706	ng	98
72) Anthracene	17.480	178	84294	6.419	ng	98
73) Carbazole	17.757	167	74249	6.466	ng	98
74) Di-n-butylphthalate	18.304	149	83825	6.146	ng	100
75) Fluoranthene	19.398	202	98442	6.129	ng	99
77) Benzidine	19.592	184	41877	8.042	ng	97
78) Pyrene	19.762	202	107481	6.796	ng	99
80) Butylbenzylphthalate	20.651	149	35295	6.105	ng	90
81) Benzo(a)anthracene	21.503	228	116004	6.787	ng	99
82) 3,3'-Dichlorobenzidine	21.439	252	40261	7.315	ng	98
83) Chrysene	21.556	228	115456	6.951	ng	99
84) Bis(2-ethylhexyl)phtha...	21.415	149	52063	6.265	ng	# 93
85) Di-n-octyl phthalate	22.345	149	91124	6.232	ng	# 93
87) Indeno(1,2,3-cd)pyrene	26.444	276	141751	6.685	ng	97
88) Benzo(b)fluoranthene	23.197	252	123140	6.931	ng	# 98
89) Benzo(k)fluoranthene	23.244	252	124079	6.753	ng	97
90) Benzo(a)pyrene	23.827	252	110294	6.326	ng	99
91) Dibenzo(a,h)anthracene	26.468	278	126718	7.121	ng	98
92) Benzo(g,h,i)perylene	27.227	276	128756	7.293	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.969 min Scan# 815
Delta R.T. -0.006 min
Lab File: BM038489.D
Acq: 19 Jan 2023 14:34

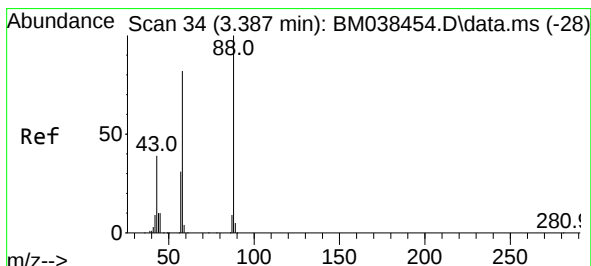
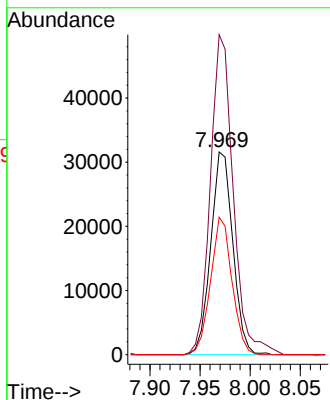
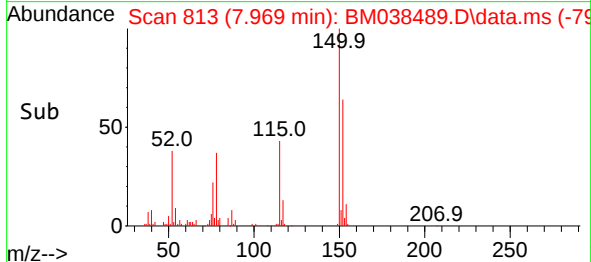
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion: 152 Resp: 48448
Ion Ratio Lower Upper
152 100
150 158.0 116.0 174.0
115 67.8 49.4 74.2

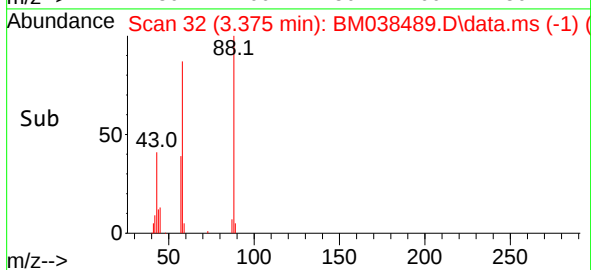
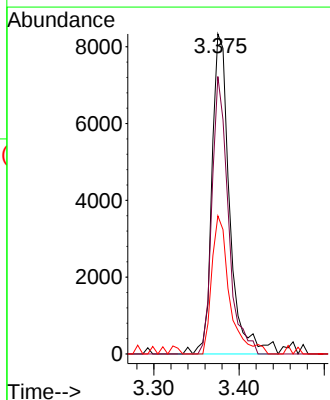
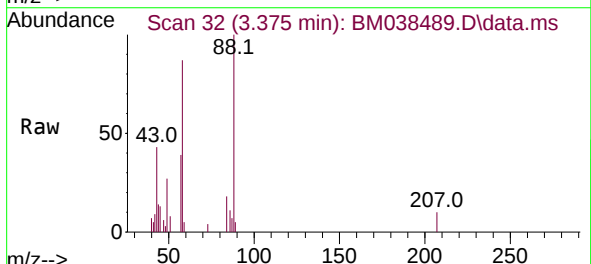
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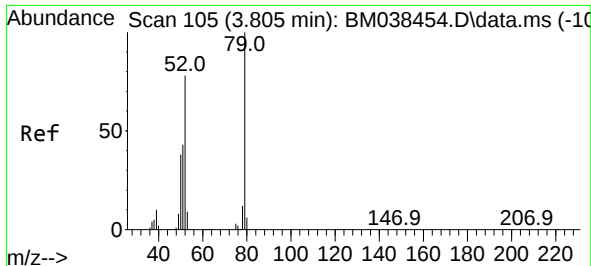
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#2
1,4-Dioxane
Concen: 8.281 ng
RT: 3.375 min Scan# 32
Delta R.T. -0.006 min
Lab File: BM038489.D
Acq: 19 Jan 2023 14:34

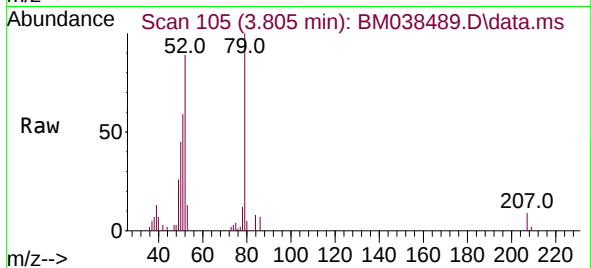
Tgt Ion: 88 Resp: 12020
Ion Ratio Lower Upper
88 100
58 79.5 64.3 96.5
43 43.0 32.3 48.5





#3
Pyridine
Concen: 6.150 ng m
RT: 3.805 min Scan# 105
Delta R.T. 0.012 min
Lab File: BM038489.D
Acq: 19 Jan 2023 14:34

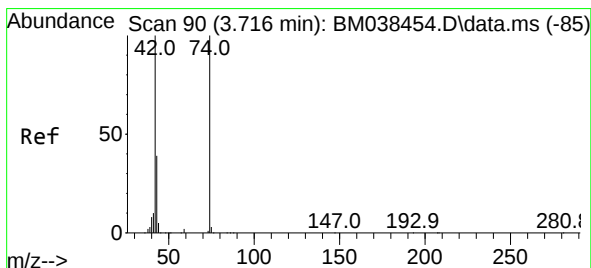
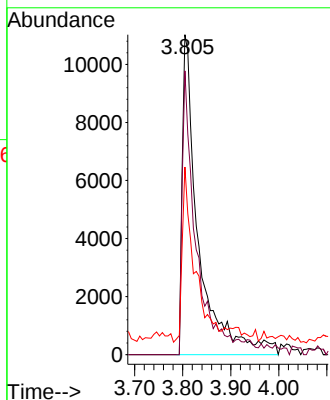
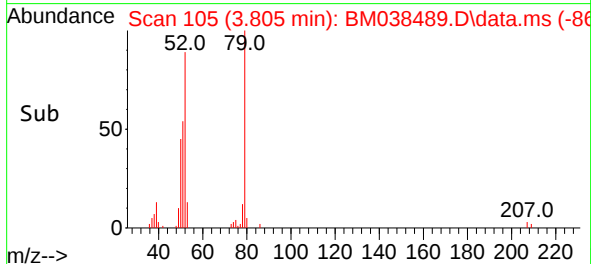
Instrument :
BNA_M
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MDL-WATER-03-QT3-2022



Tgt Ion: 79 Resp: 25824
Ion Ratio Lower Upper
79 100
52 88.7 62.2 93.2
51 58.6 34.8 52.2

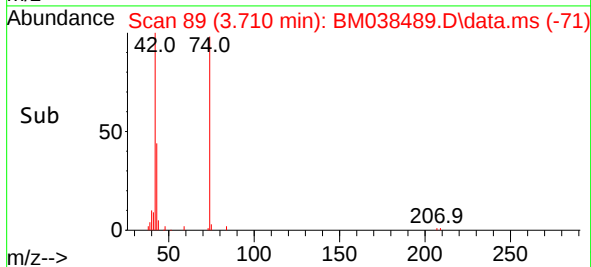
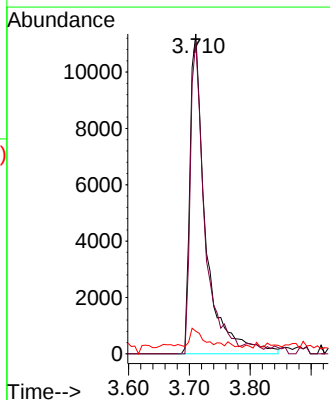
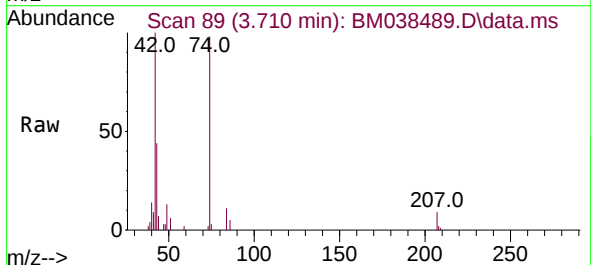
Manual Integrations
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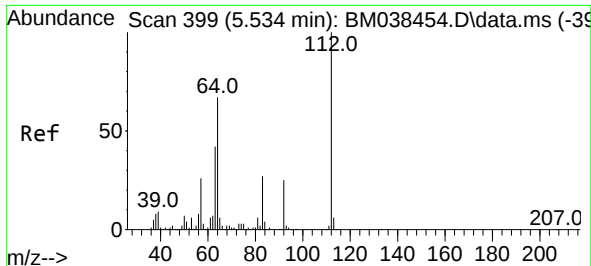
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#4
n-Nitrosodimethylamine
Concen: 8.229 ng
RT: 3.710 min Scan# 89
Delta R.T. 0.006 min
Lab File: BM038489.D
Acq: 19 Jan 2023 14:34

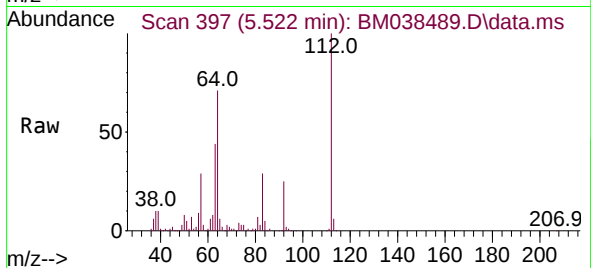
Tgt Ion: 42 Resp: 20442
Ion Ratio Lower Upper
42 100
74 97.6 79.7 119.5
44 7.1 4.7 7.1





#5
2-Fluorophenol
Concen: 114.495 ng
RT: 5.522 min Scan# 399
Delta R.T. 0.000 min
Lab File: BM038489.D
Acq: 19 Jan 2023 14:34

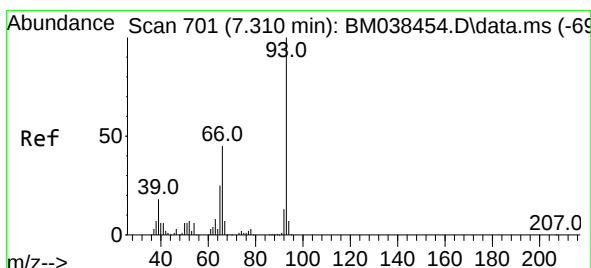
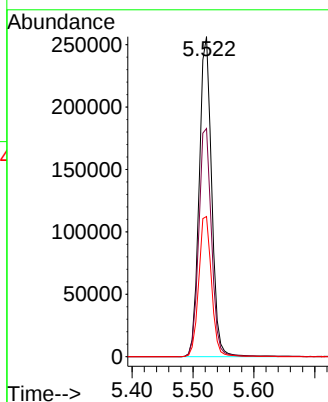
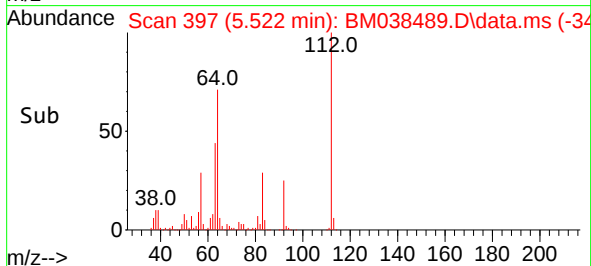
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Tgt Ion: 112 Resp: 363648
Ion Ratio Lower Upper
112 100
64 71.3 53.7 80.5
63 43.8 33.7 50.5

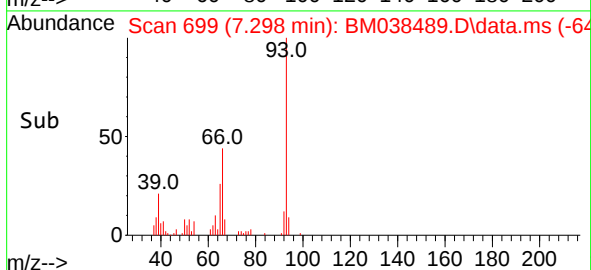
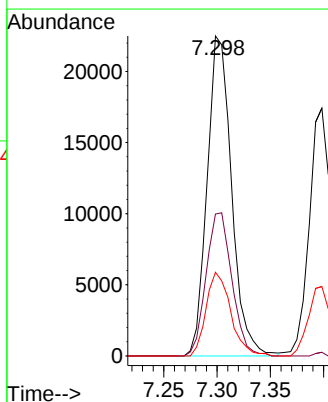
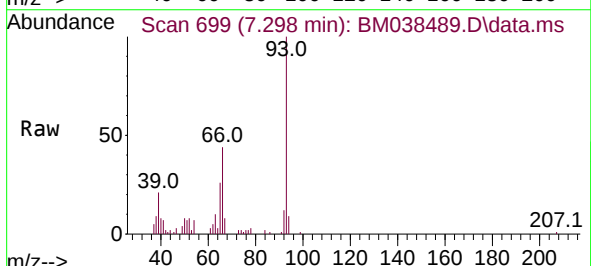
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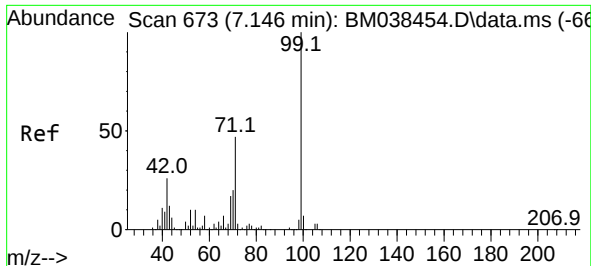
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#6
Aniline
Concen: 7.003 ng
RT: 7.298 min Scan# 699
Delta R.T. -0.006 min
Lab File: BM038489.D
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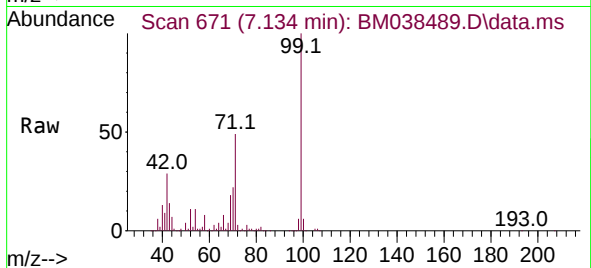
Tgt Ion: 93 Resp: 35989
Ion Ratio Lower Upper
93 100
66 44.3 36.2 54.2
65 26.1 19.8 29.8





#7
Phenol-d6
Concen: 111.220 ng
RT: 7.134 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM038489.D
Acq: 19 Jan 2023 14:34

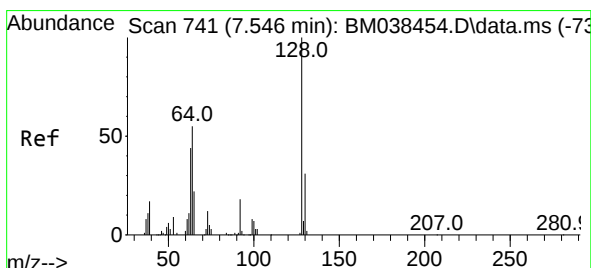
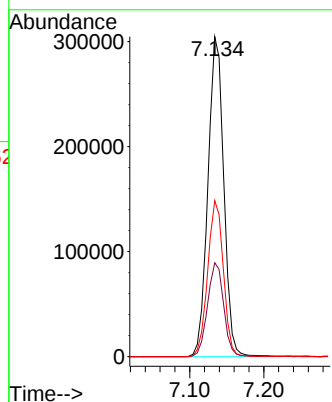
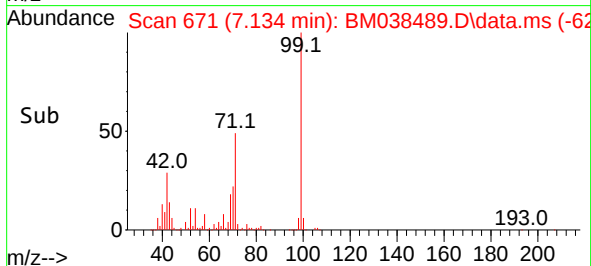
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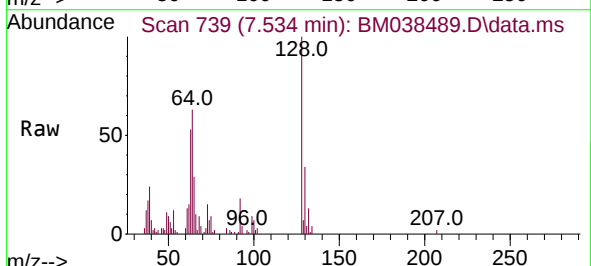
Tgt Ion: 99 Resp: 45250
Ion Ratio Lower Upper
99 100
42 29.3 20.8 31.2
71 48.7 37.8 56.8

Manual Integrations
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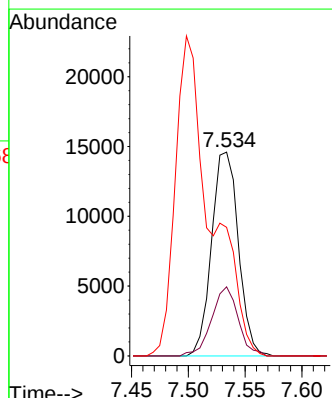
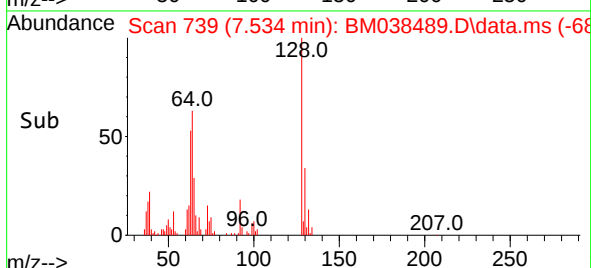
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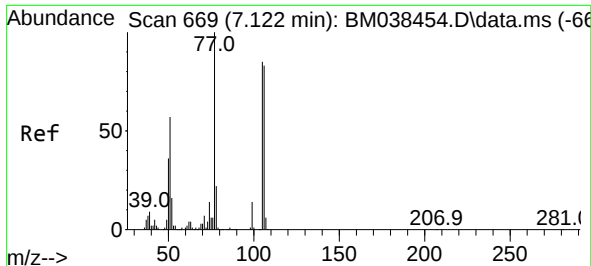


#8
2-Chlorophenol
Concen: 7.612 ng
RT: 7.534 min Scan# 739
Delta R.T. 0.000 min
Lab File: BM038489.D
Acq: 19 Jan 2023 14:34



Tgt Ion:128 Resp: 23936
Ion Ratio Lower Upper
128 100
130 33.9 11.5 51.5
64 63.1 38.0 78.0





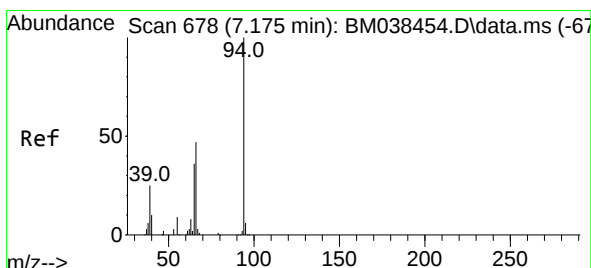
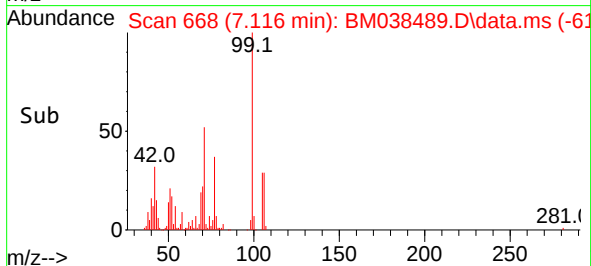
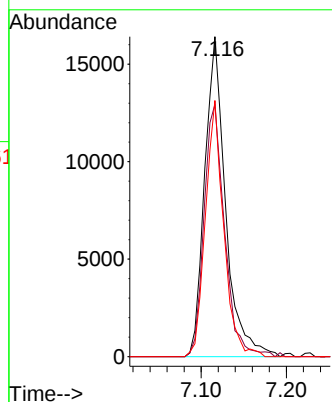
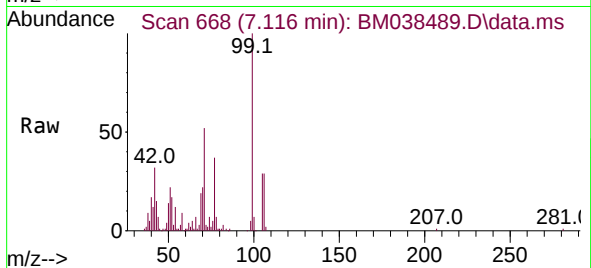
#9
Benzaldehyde
Concen: 10.261 ng
RT: 7.116 min Scan# 60
Delta R.T. 0.000 min
Lab File: BM038489.D
Acq: 19 Jan 2023 14:34

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

Tgt Ion: 77 Resp: 2791
Ion Ratio Lower Upper
77 100
105 78.8 65.3 105.3
106 80.0 62.5 102.5

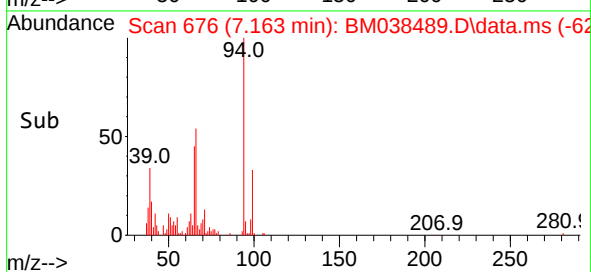
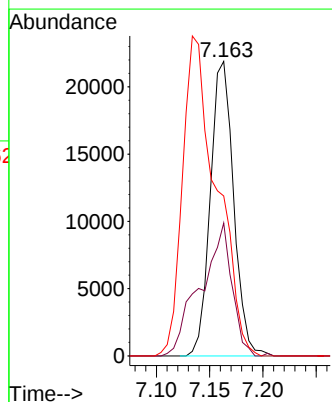
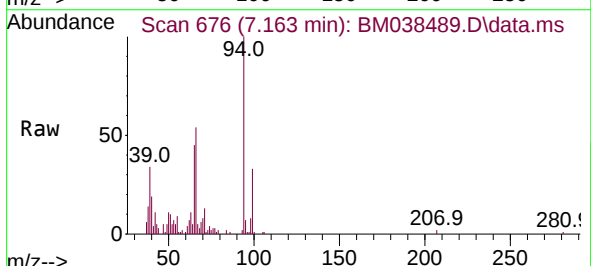
Manual Integrations
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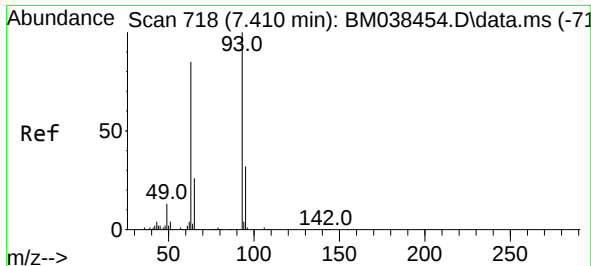
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#10
Phenol
Concen: 7.849 ng
RT: 7.163 min Scan# 676
Delta R.T. 0.000 min
Lab File: BM038489.D
Acq: 19 Jan 2023 14:34

Tgt Ion: 94 Resp: 33279
Ion Ratio Lower Upper
94 100
65 45.1 16.3 56.3
66 54.3 29.2 69.2





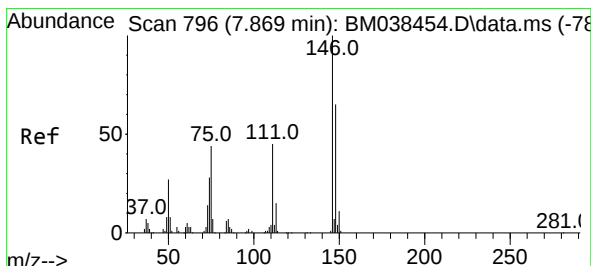
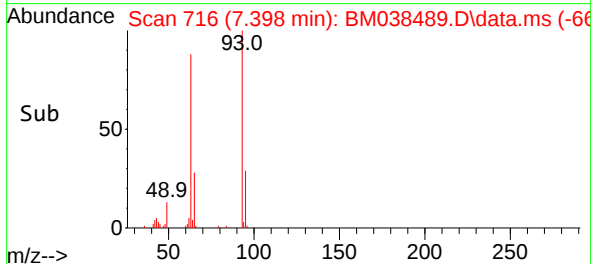
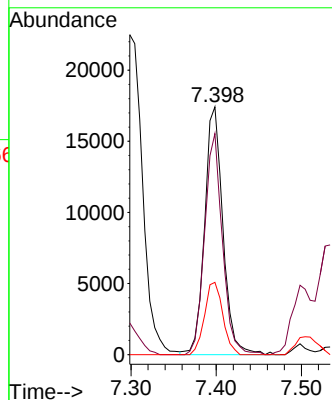
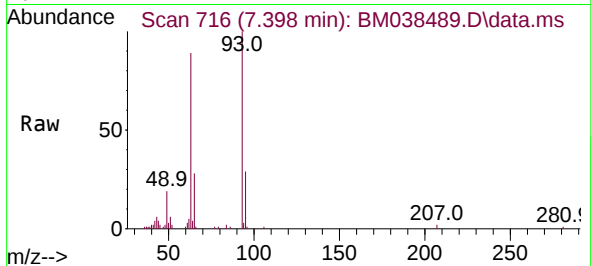
#11
bis(2-Chloroethyl)ether
Concen: 7.576 ng
RT: 7.398 min Scan# 718
Delta R.T. 0.000 min
Lab File: BM038489.D
Acq: 19 Jan 2023 14:34

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

Tgt Ion: 93 Resp: 26030
Ion Ratio Lower Upper
93 100
63 89.2 64.6 104.6
95 29.1 12.0 52.0

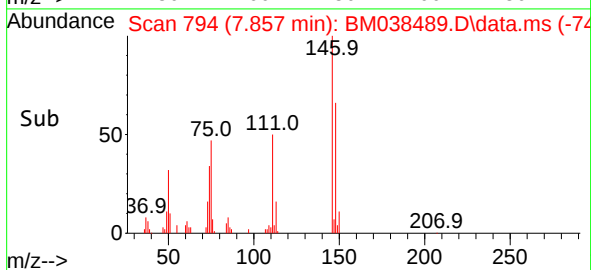
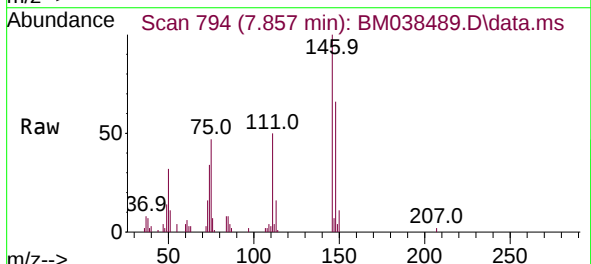
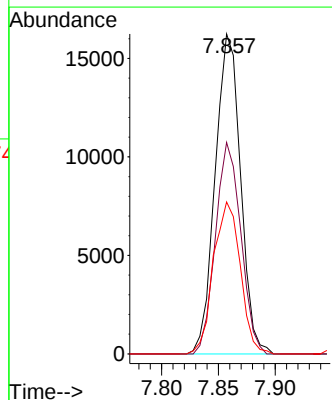
Manual Integrations
APPROVED

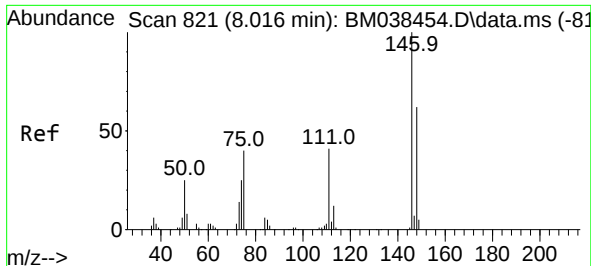
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#12
1,3-Dichlorobenzene
Concen: 7.503 ng
RT: 7.857 min Scan# 794
Delta R.T. -0.006 min
Lab File: BM038489.D
Acq: 19 Jan 2023 14:34

Tgt Ion:146 Resp: 25274
Ion Ratio Lower Upper
146 100
148 66.1 51.8 77.8
75 47.5 35.1 52.7





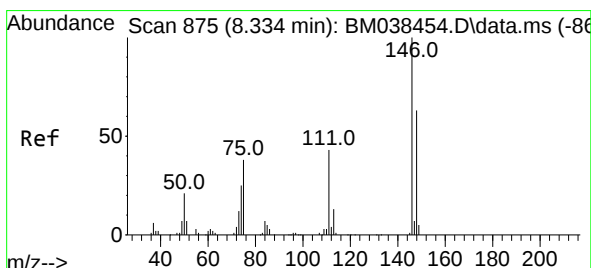
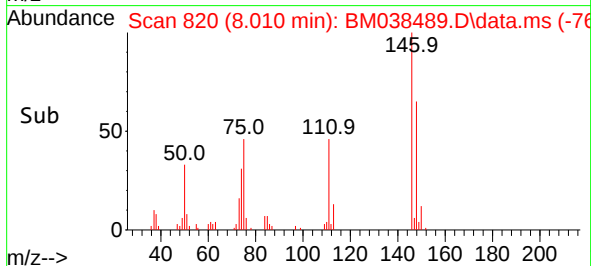
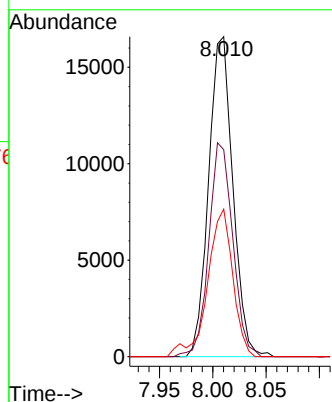
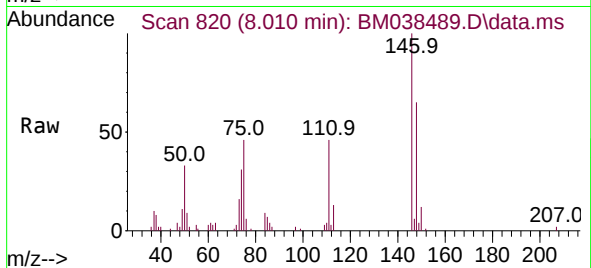
#13
1,4-Dichlorobenzene
Concen: 7.751 ng
RT: 8.010 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM038489.D
Acq: 19 Jan 2023 14:34

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

Tgt Ion:146 Resp: 26268
Ion Ratio Lower Upper
146 100
148 64.7 50.1 75.1
111 46.1 32.8 49.2

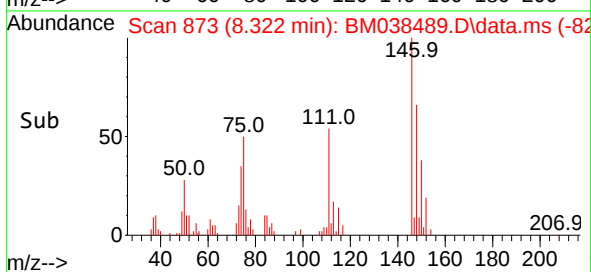
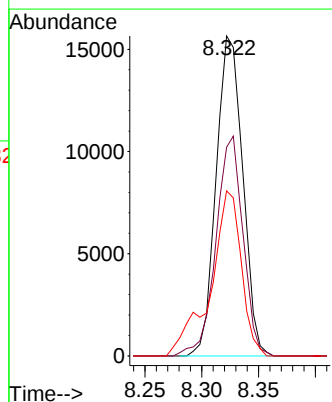
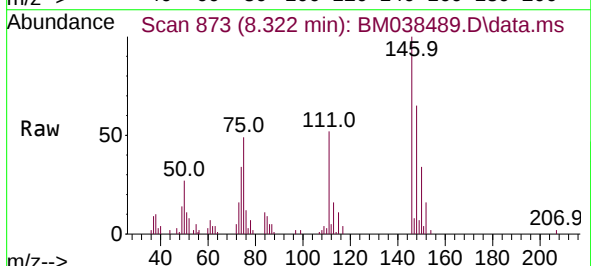
Manual Integrations
APPROVED

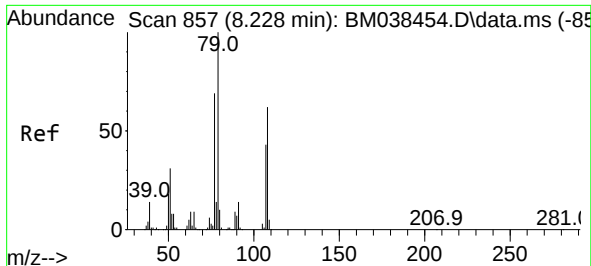
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#14
1,2-Dichlorobenzene
Concen: 7.670 ng
RT: 8.322 min Scan# 873
Delta R.T. -0.006 min
Lab File: BM038489.D
Acq: 19 Jan 2023 14:34

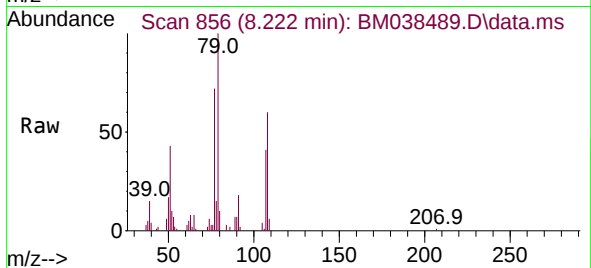
Tgt Ion:146 Resp: 25417
Ion Ratio Lower Upper
146 100
148 65.2 50.7 76.1
111 51.6 35.2 52.8





#15
Benzyl Alcohol
Concen: 7.323 ng
RT: 8.222 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM038489.D
Acq: 19 Jan 2023 14:34

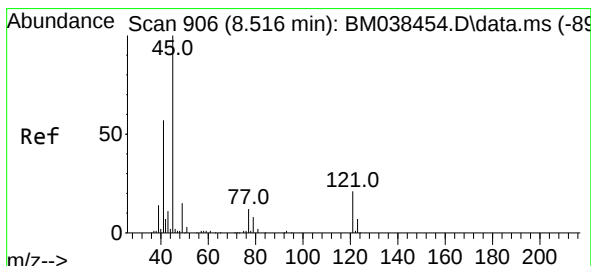
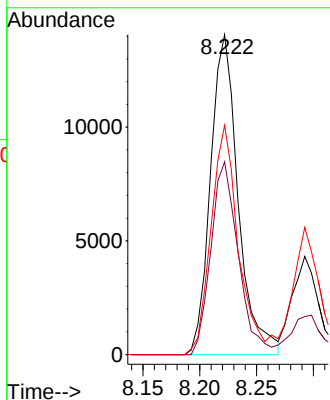
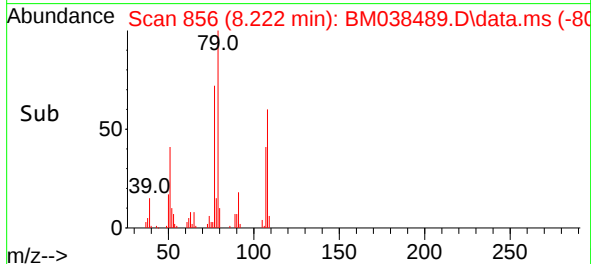
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion: 79 Resp: 23864
Ion Ratio Lower Upper
79 100
108 60.2 49.3 73.9
77 71.7 55.1 82.7

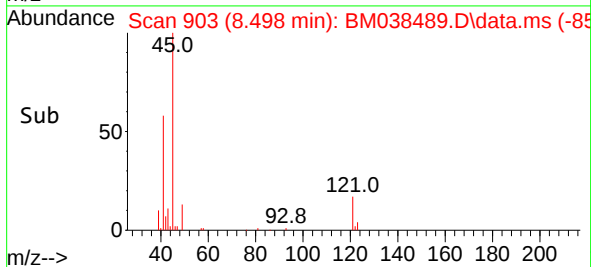
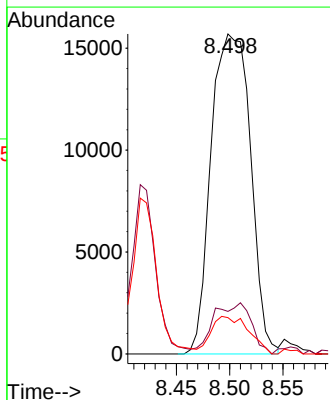
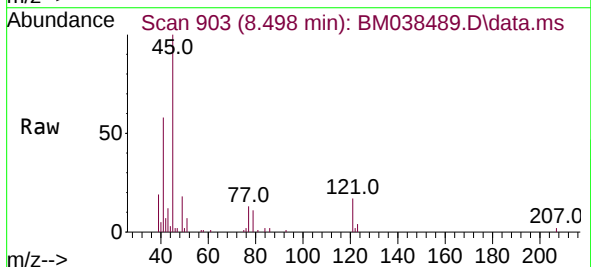
Manual Integrations
APPROVED

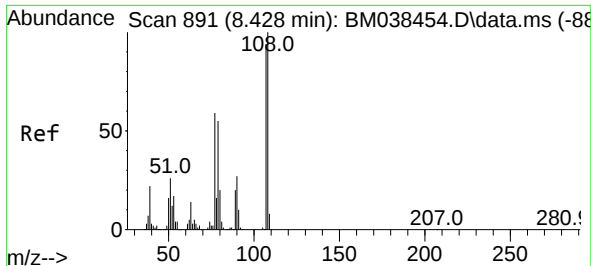
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.436 ng
RT: 8.498 min Scan# 903
Delta R.T. -0.012 min
Lab File: BM038489.D
Acq: 19 Jan 2023 14:34

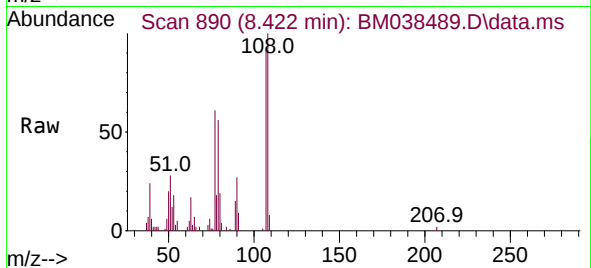
Tgt Ion: 45 Resp: 40409
Ion Ratio Lower Upper
45 100
77 13.3 0.0 34.7
79 11.3 0.0 30.4





#17
2-Methylphenol
Concen: 6.884 ng
RT: 8.422 min Scan# 891
Delta R.T. 0.000 min
Lab File: BM038489.D
Acq: 19 Jan 2023 14:34

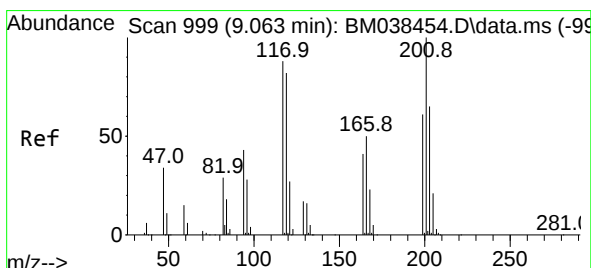
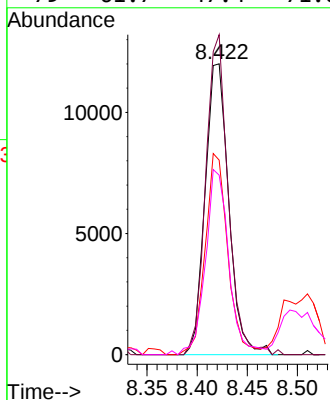
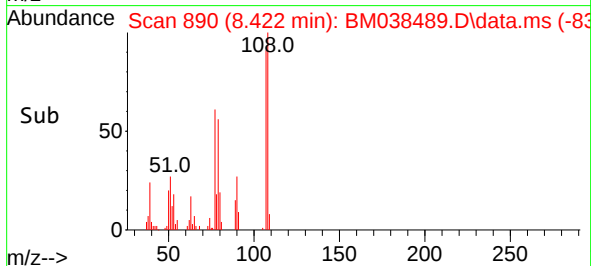
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion:107 Resp: 19714
Ion Ratio Lower Upper
107 100
108 110.1 85.7 128.5
77 66.9 50.5 75.7
79 61.7 47.4 71.0

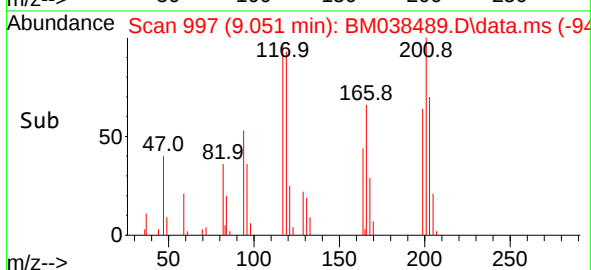
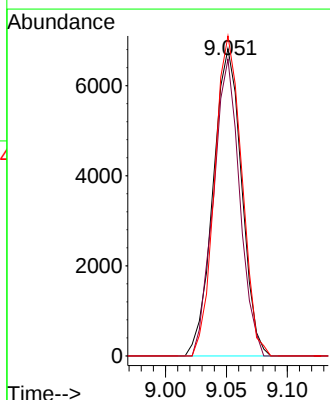
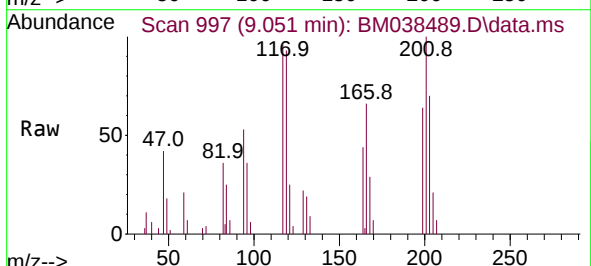
Manual Integrations
APPROVED

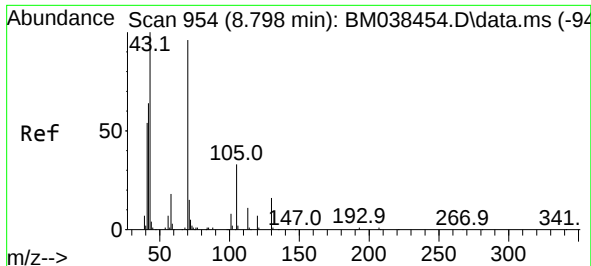
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#18
Hexachloroethane
Concen: 7.990 ng
RT: 9.051 min Scan# 997
Delta R.T. -0.006 min
Lab File: BM038489.D
Acq: 19 Jan 2023 14:34

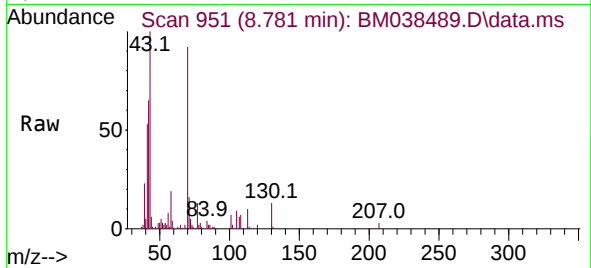
Tgt Ion:117 Resp: 11091
Ion Ratio Lower Upper
117 100
119 96.6 74.5 111.7
201 104.1 91.3 136.9





#19
n-Nitroso-di-n-propylamine
Concen: 7.518 ng
RT: 8.781 min Scan# 951
Delta R.T. -0.012 min
Lab File: BM038489.D
Acq: 19 Jan 2023 14:34

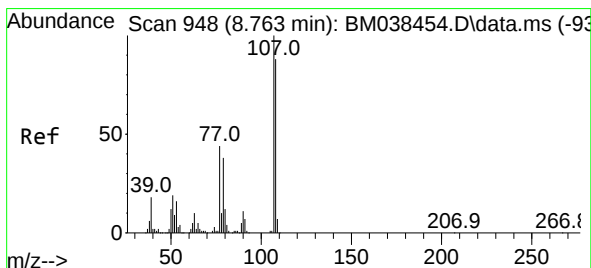
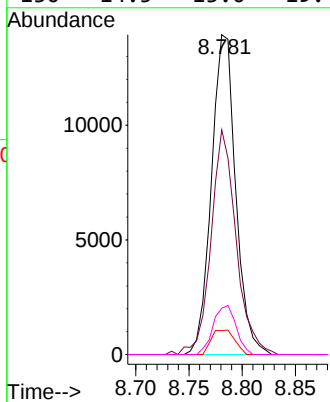
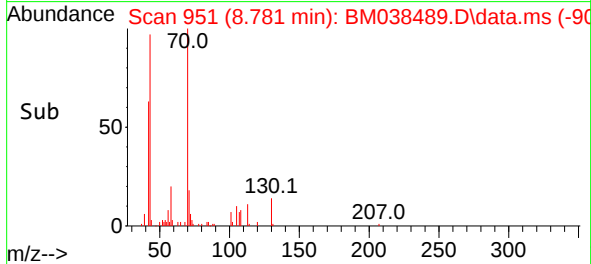
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT3-2022



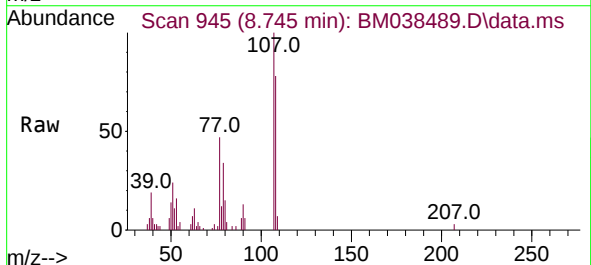
Tgt Ion: 70 Resp: 2220
Ion Ratio Lower Upper
70 100
42 70.2 54.2 81.2
101 7.5 6.6 10.0
130 14.5 13.0 19.4

Manual Integrations
APPROVED

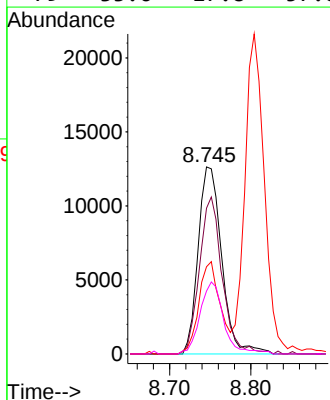
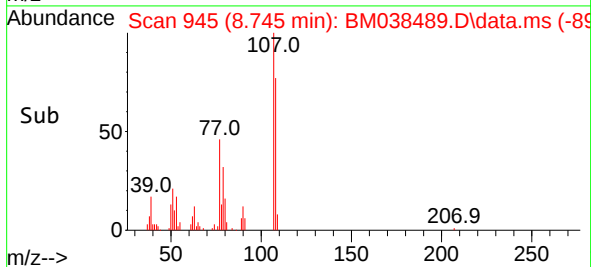
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

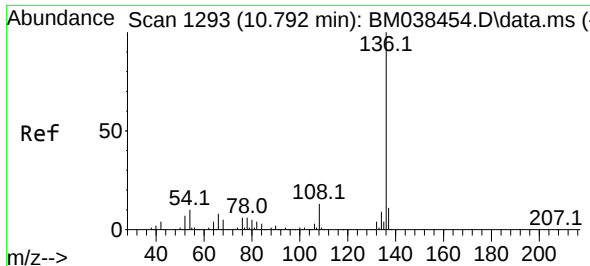


#20
3+4-Methylphenols
Concen: 6.631 ng
RT: 8.745 min Scan# 945
Delta R.T. -0.006 min
Lab File: BM038489.D
Acq: 19 Jan 2023 14:34



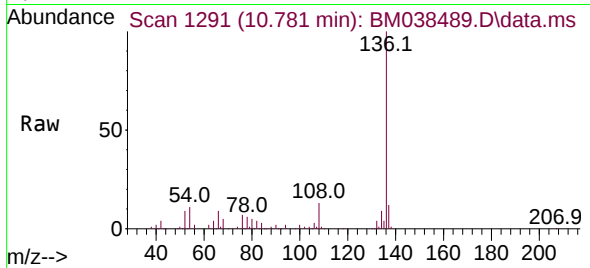
Tgt Ion:107 Resp: 25493
Ion Ratio Lower Upper
107 100
108 78.0 67.6 107.6
77 46.6 24.1 64.1
79 33.6 17.8 57.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.781 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BM038489.D
Acq: 19 Jan 2023 14:34

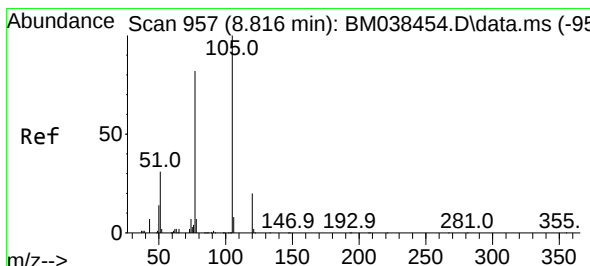
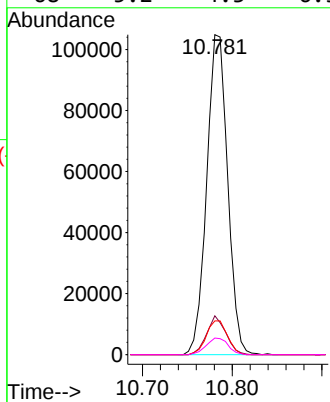
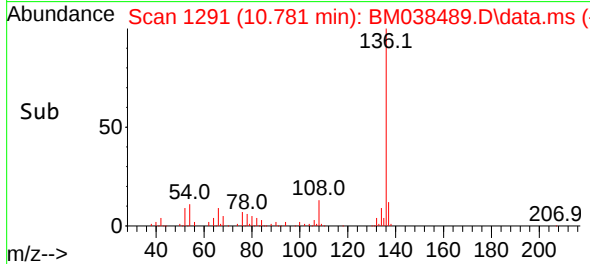
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT3-2022



Tgt Ion:136 Resp: 170104
Ion Ratio Lower Upper
136 100
137 12.1 9.0 13.4
54 10.5 7.6 11.4
68 5.2 4.3 6.5

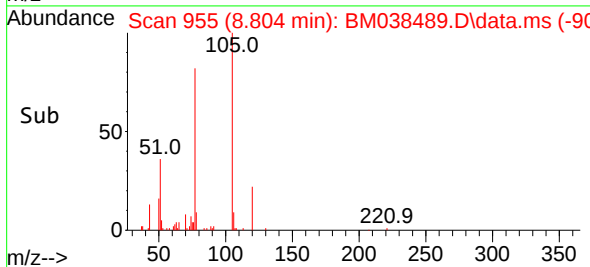
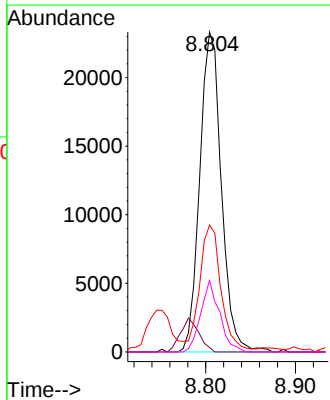
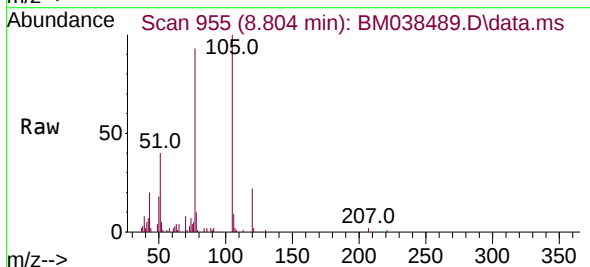
Manual Integrations
APPROVED

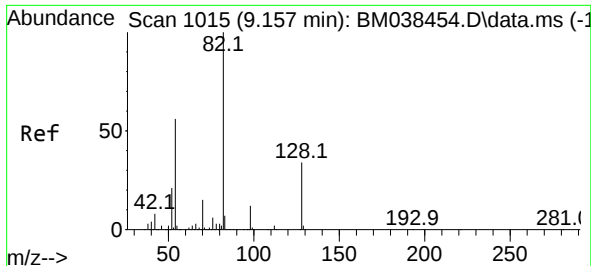
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#22
Acetophenone
Concen: 7.770 ng
RT: 8.804 min Scan# 955
Delta R.T. -0.006 min
Lab File: BM038489.D
Acq: 19 Jan 2023 14:34

Tgt Ion:105 Resp: 39067
Ion Ratio Lower Upper
105 100
71 1.4 1.0 1.6
51 39.6 27.4 41.2
120 22.4 15.6 23.4





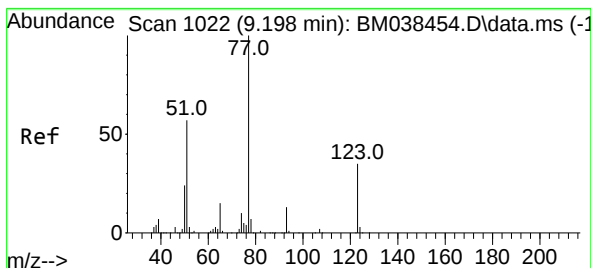
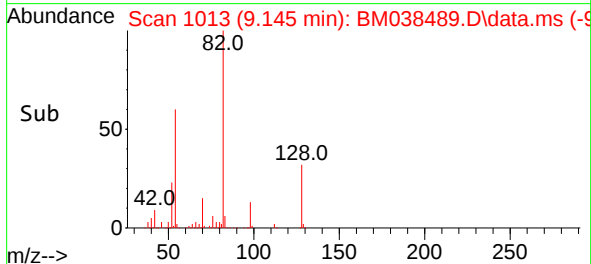
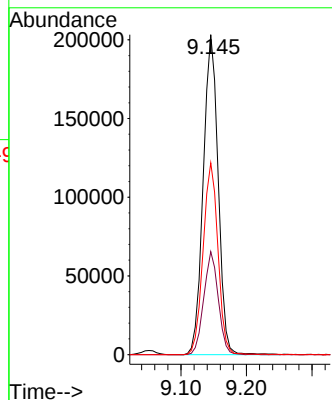
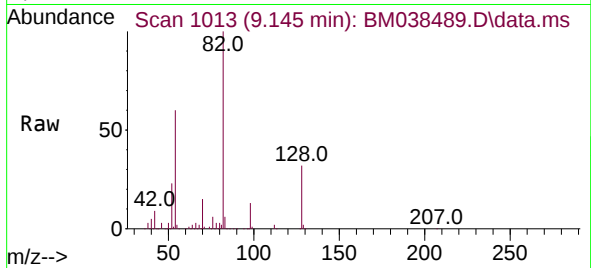
#23
Nitrobenzene-d5
Concen: 76.545 ng
RT: 9.145 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BM038489.D
Acq: 19 Jan 2023 14:34

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

Tgt Ion: 82 Resp: 319563
Ion Ratio Lower Upper
82 100
128 32.2 27.0 40.6
54 59.9 45.0 67.6

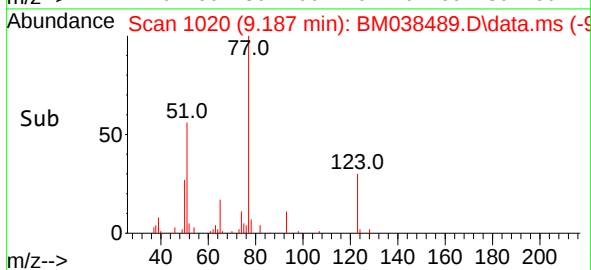
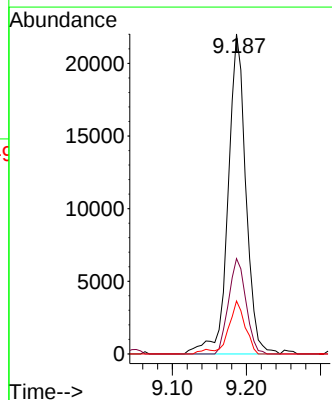
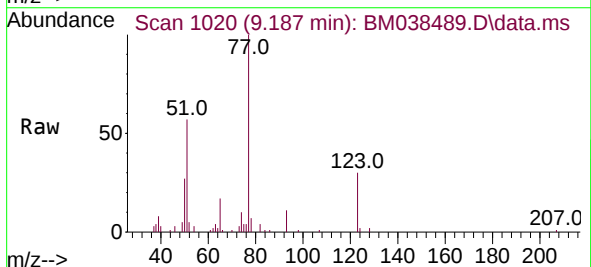
Manual Integrations
APPROVED

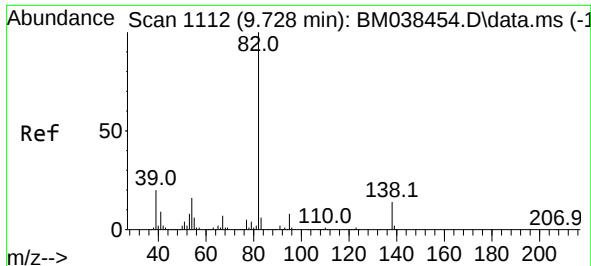
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#24
Nitrobenzene
Concen: 8.295 ng
RT: 9.187 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BM038489.D
Acq: 19 Jan 2023 14:34

Tgt Ion: 77 Resp: 36588
Ion Ratio Lower Upper
77 100
123 29.8 28.2 42.4
65 16.5 12.1 18.1





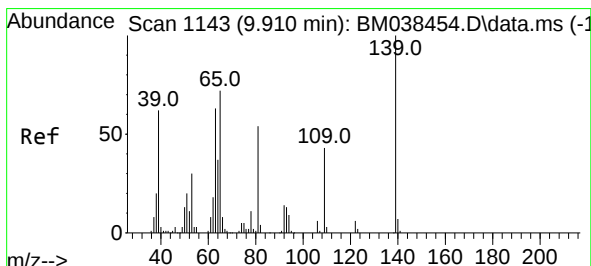
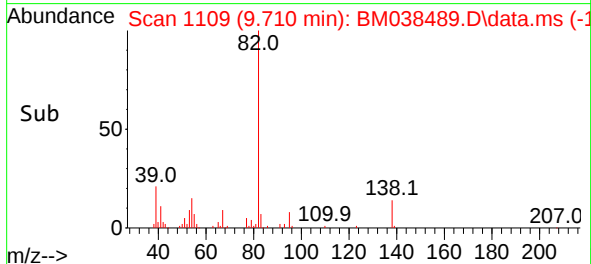
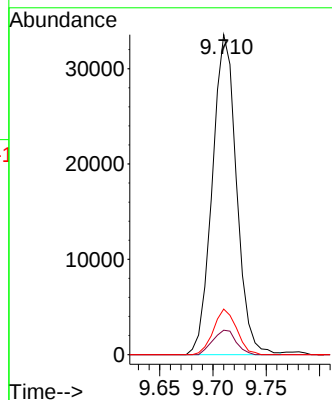
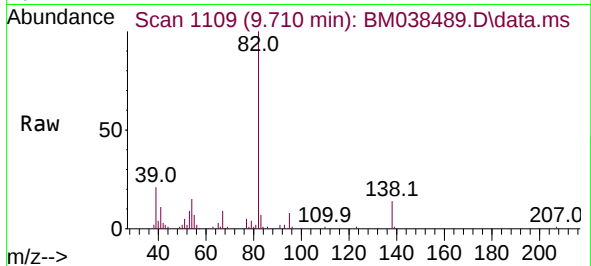
#25
Isophorone
Concen: 7.189 ng
RT: 9.710 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BM038489.D
Acq: 19 Jan 2023 14:34

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

Tgt Ion: 82 Resp: 53162
Ion Ratio Lower Upper
82 100
95 7.6 6.1 9.1
138 14.2 11.5 17.3

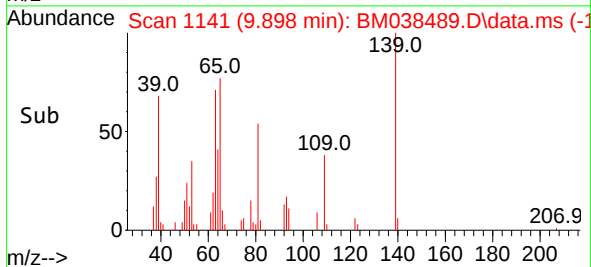
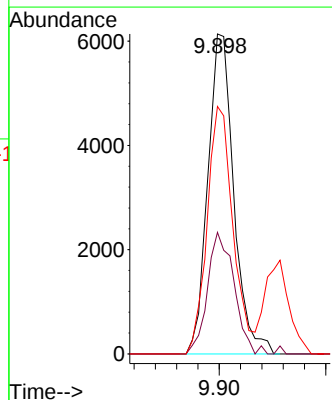
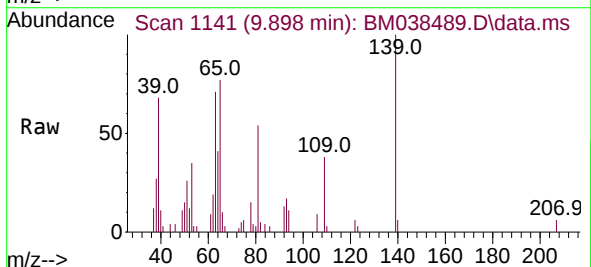
Manual Integrations
APPROVED

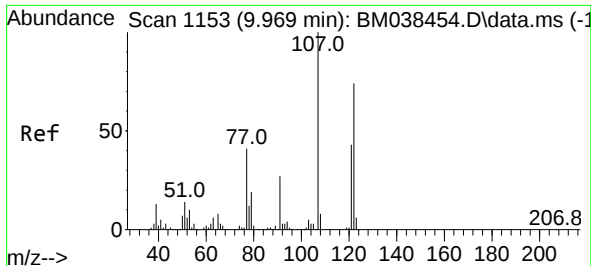
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#26
2-Nitrophenol
Concen: 6.695 ng
RT: 9.898 min Scan# 1141
Delta R.T. -0.006 min
Lab File: BM038489.D
Acq: 19 Jan 2023 14:34

Tgt Ion:139 Resp: 10368
Ion Ratio Lower Upper
139 100
109 38.0 34.7 52.1
65 77.3 57.4 86.0





#27

2,4-Dimethylphenol

Concen: 6.132 ng

RT: 9.957 min Scan# 1151

Delta R.T. 0.000 min

Lab File: BM038489.D

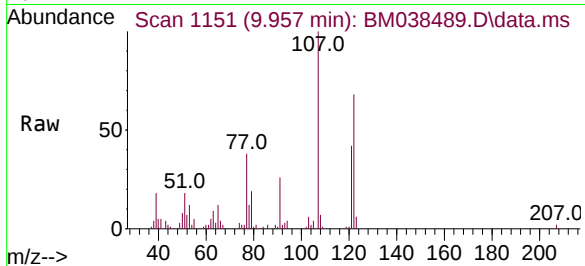
Acq: 19 Jan 2023 14:34

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2022



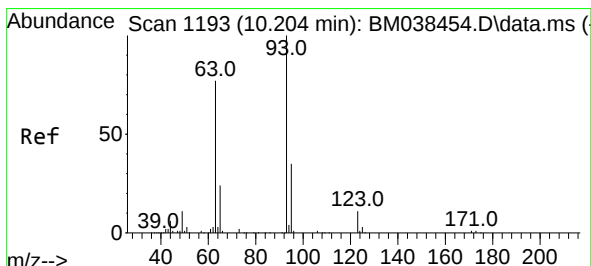
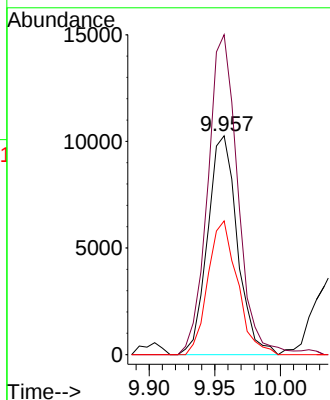
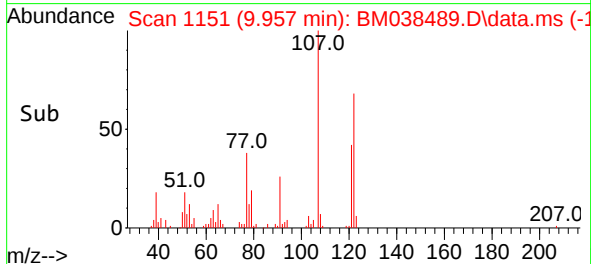
Tgt Ion:	122	Resp:	16170
Ion	Ratio	Lower	Upper
122	100		
107	146.2	107.4	161.0
121	61.1	46.6	70.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#28

bis(2-Chloroethoxy)methane

Concen: 7.302 ng

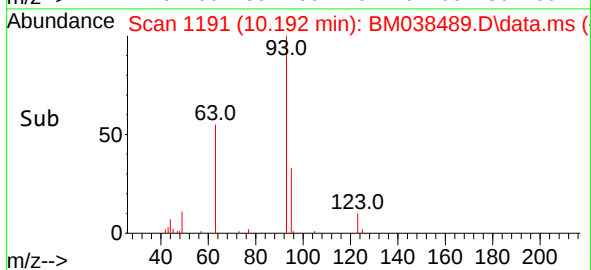
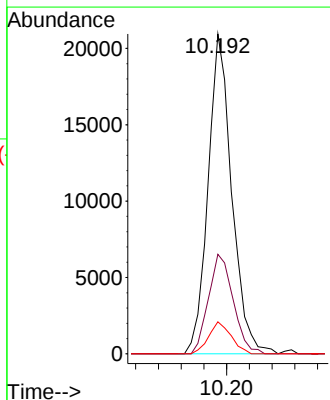
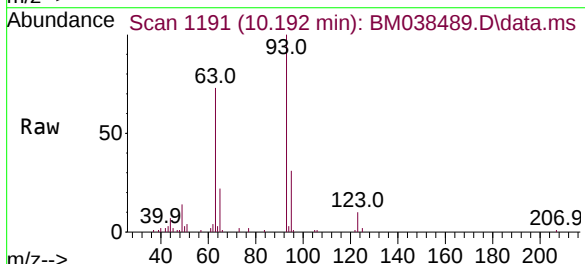
RT: 10.192 min Scan# 1191

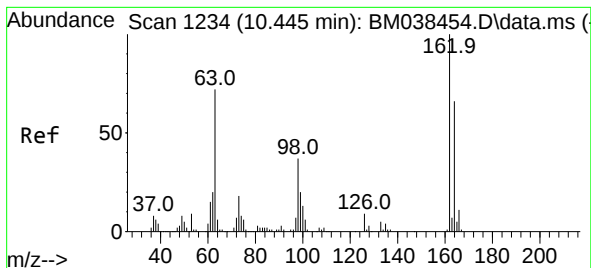
Delta R.T. -0.006 min

Lab File: BM038489.D

Acq: 19 Jan 2023 14:34

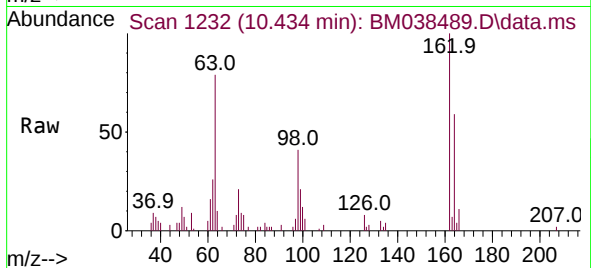
Tgt Ion:	93	Resp:	30369
Ion	Ratio	Lower	Upper
93	100		
95	31.1	27.7	41.5
123	10.0	8.6	13.0





#29
2,4-Dichlorophenol
Concen: 6.601 ng
RT: 10.434 min Scan# 1234
Delta R.T. 0.000 min
Lab File: BM038489.D
Acq: 19 Jan 2023 14:34

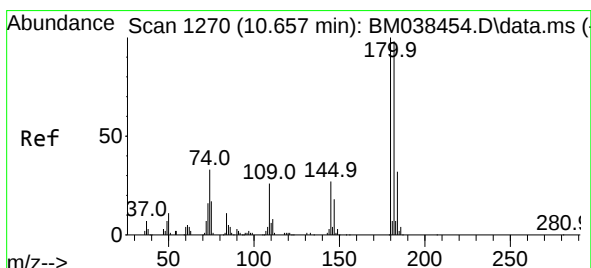
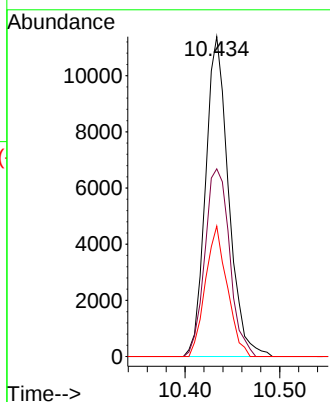
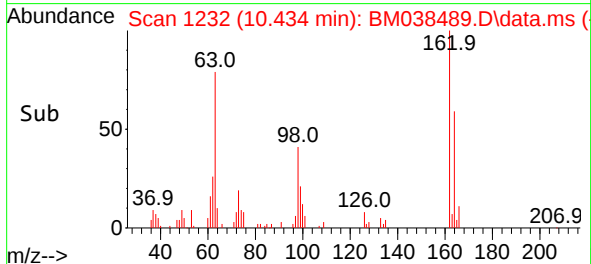
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2022



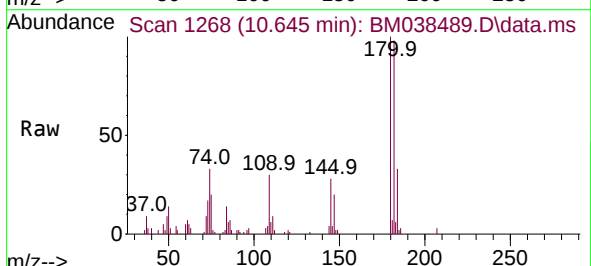
Tgt Ion:162 Resp: 19231
Ion Ratio Lower Upper
162 100
164 58.7 46.5 86.5
98 40.8 17.1 57.1

Manual Integrations
APPROVED

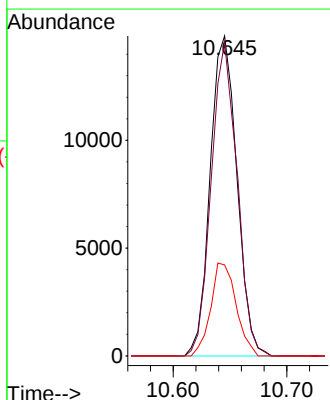
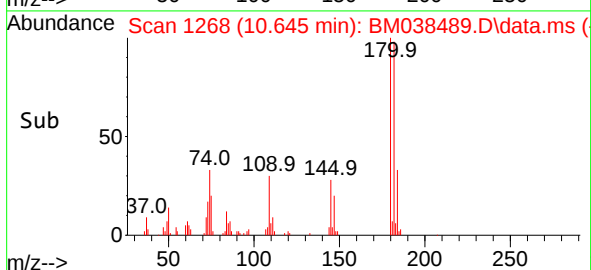
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

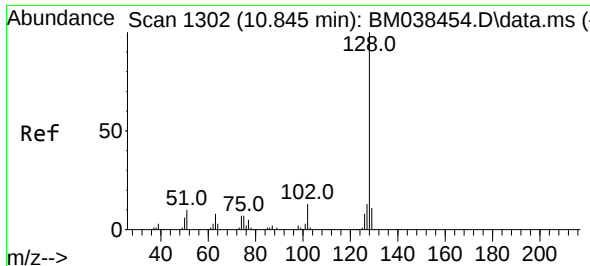


#30
1,2,4-Trichlorobenzene
Concen: 7.200 ng
RT: 10.645 min Scan# 1268
Delta R.T. -0.006 min
Lab File: BM038489.D
Acq: 19 Jan 2023 14:34



Tgt Ion:180 Resp: 24254
Ion Ratio Lower Upper
180 100
182 98.1 78.1 117.1
145 28.4 21.9 32.9





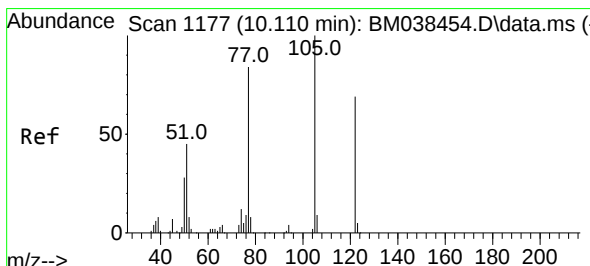
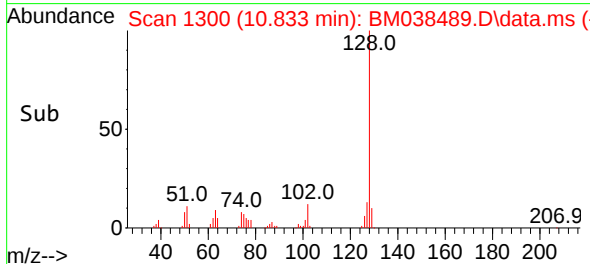
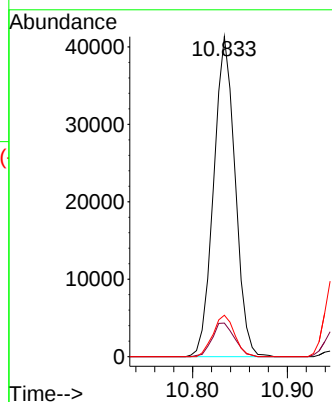
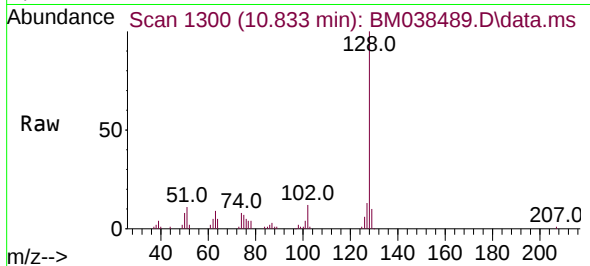
#31
Naphthalene
Concen: 7.220 ng
RT: 10.833 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BM038489.D
Acq: 19 Jan 2023 14:34

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

Tgt Ion:128 Resp: 65085
Ion Ratio Lower Upper
128 100
129 10.5 8.9 13.3
127 12.9 10.8 16.2

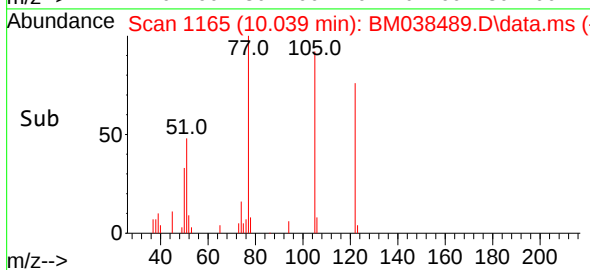
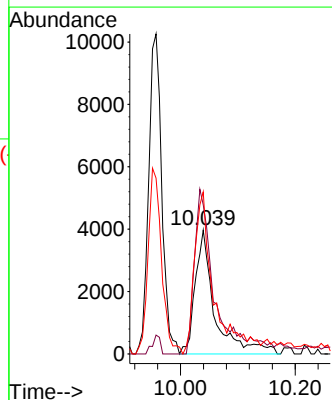
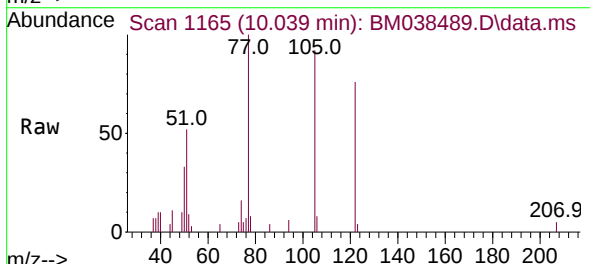
Manual Integrations
APPROVED

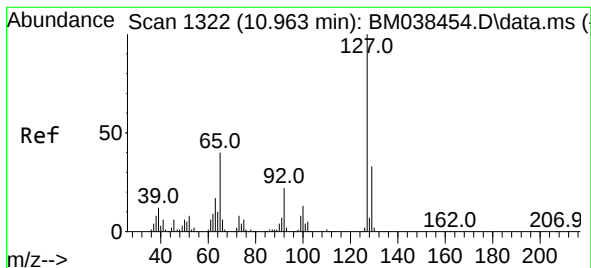
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#32
Benzoic acid
Concen: 8.933 ng m
RT: 10.039 min Scan# 1165
Delta R.T. -0.059 min
Lab File: BM038489.D
Acq: 19 Jan 2023 14:34

Tgt Ion:122 Resp: 9394
Ion Ratio Lower Upper
122 100
105 120.5 122.6 162.6#
77 130.9 101.5 141.5





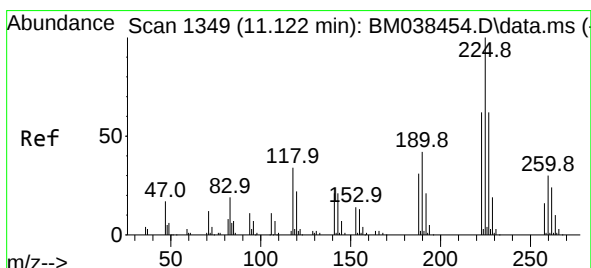
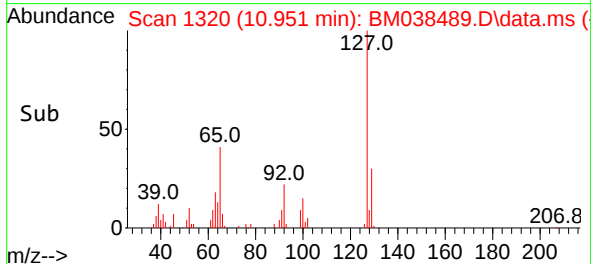
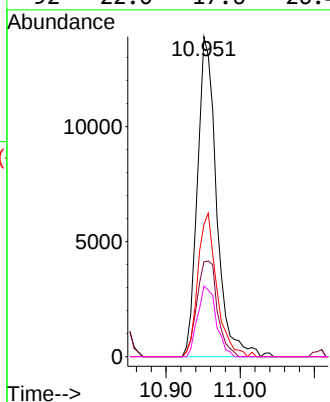
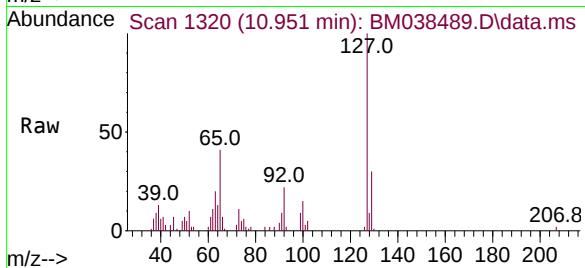
#33
4-Chloroaniline
Concen: 6.307 ng
RT: 10.951 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BM038489.D
Acq: 19 Jan 2023 14:34

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

Tgt Ion:	127	Resp:	24958
Ion Ratio	Lower	Upper	
127	100		
129	29.6	26.4	39.6
65	41.3	32.1	48.1
92	22.0	17.6	26.4

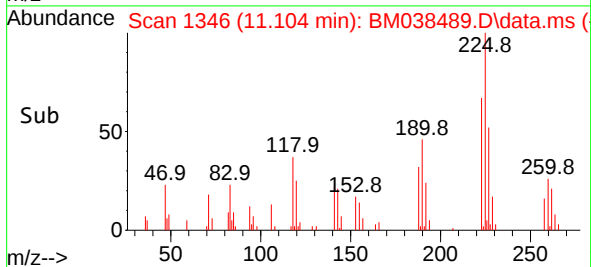
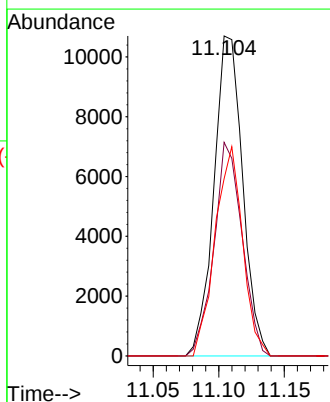
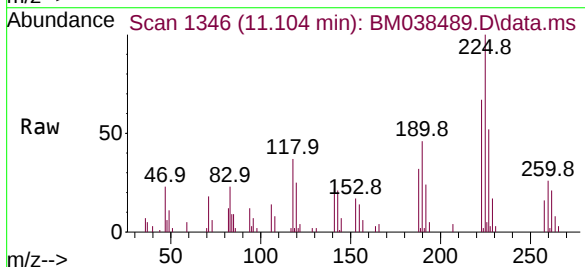
Manual Integrations
APPROVED

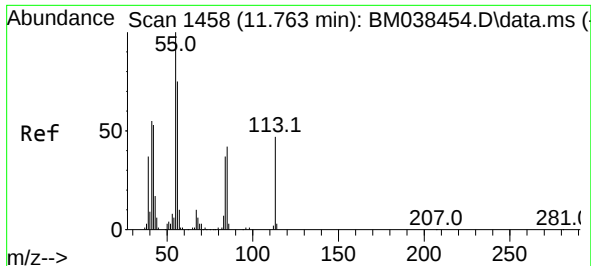
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#34
Hexachlorobutadiene
Concen: 6.908 ng
RT: 11.104 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BM038489.D
Acq: 19 Jan 2023 14:34

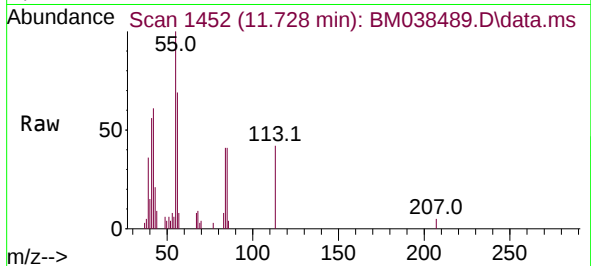
Tgt Ion:	225	Resp:	16320
Ion Ratio	Lower	Upper	
225	100		
223	63.5	49.8	74.8
227	52.6	49.6	74.4





#35
Caprolactam
Concen: 5.530 ng
RT: 11.728 min Scan# 1458
Delta R.T. -0.023 min
Lab File: BM038489.D
Acq: 19 Jan 2023 14:34

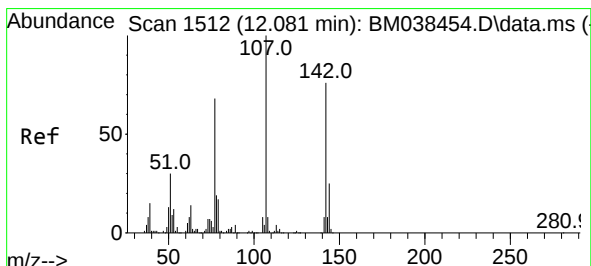
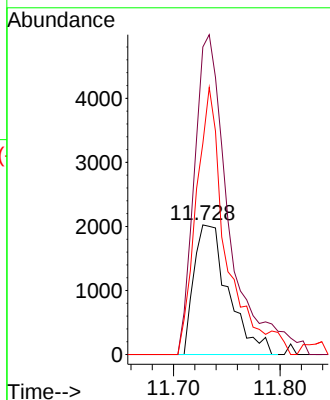
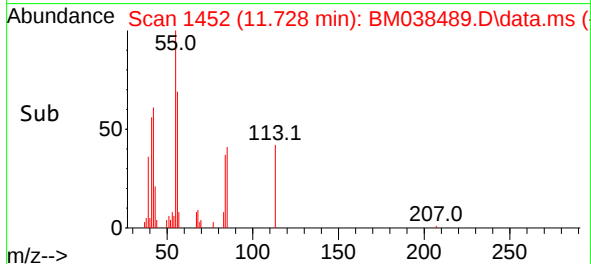
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion:113 Resp: 4553
Ion Ratio Lower Upper
113 100
55 237.1 194.2 234.2
56 162.8 141.6 181.6

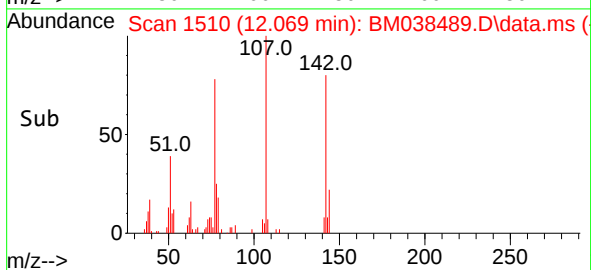
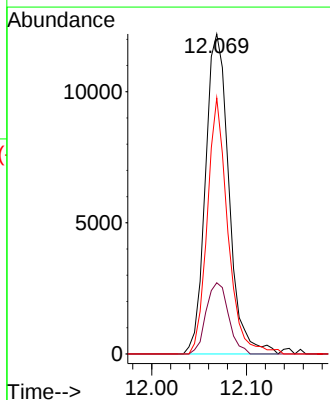
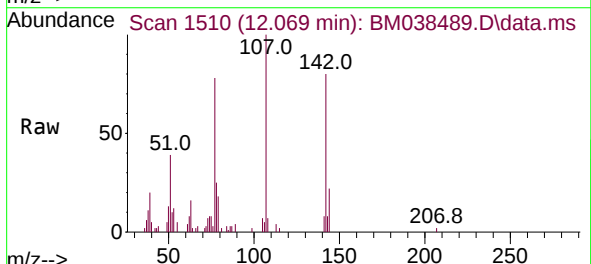
Manual Integrations
APPROVED

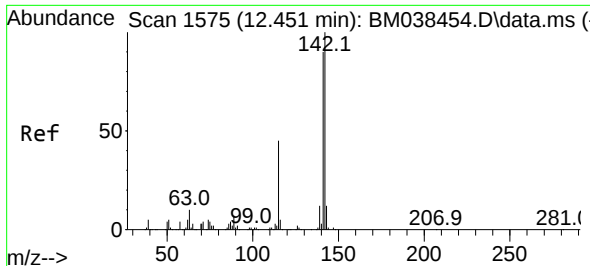
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#36
4-Chloro-3-methylphenol
Concen: 6.622 ng
RT: 12.069 min Scan# 1510
Delta R.T. -0.006 min
Lab File: BM038489.D
Acq: 19 Jan 2023 14:34

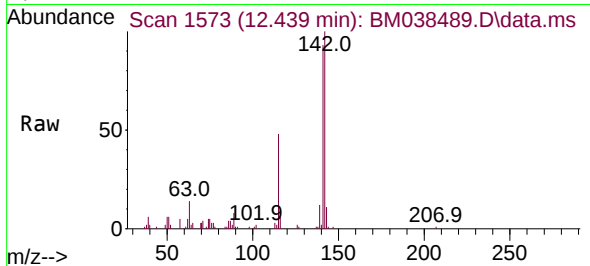
Tgt Ion:107 Resp: 21035
Ion Ratio Lower Upper
107 100
144 22.2 20.3 30.5
142 80.0 61.2 91.8





#37
2-Methylnaphthalene
Concen: 6.368 ng
RT: 12.439 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM038489.D
Acq: 19 Jan 2023 14:34

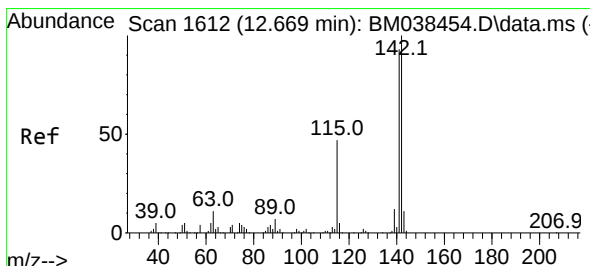
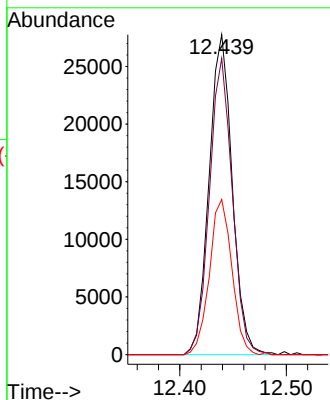
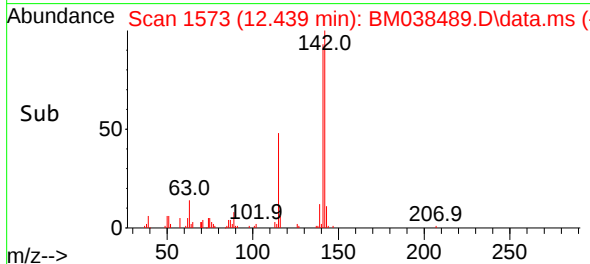
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2022



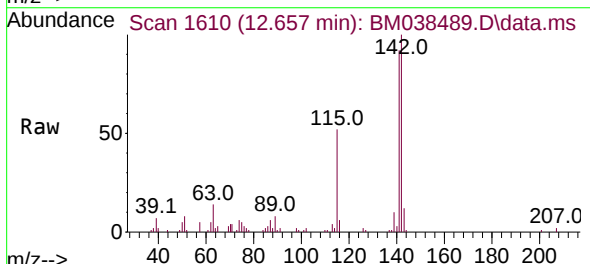
Tgt Ion:142 Resp: 41976
Ion Ratio Lower Upper
142 100
141 92.6 72.0 108.0
115 48.5 35.9 53.9

Manual Integrations
APPROVED

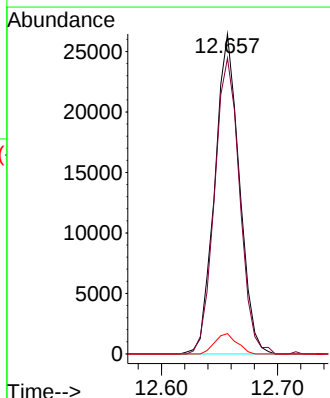
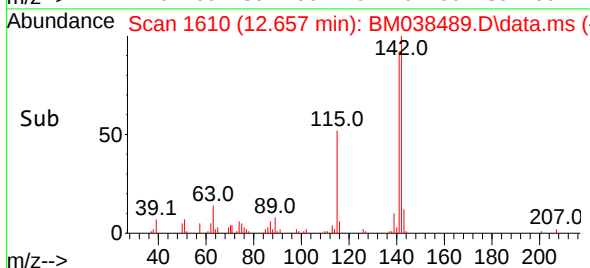
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

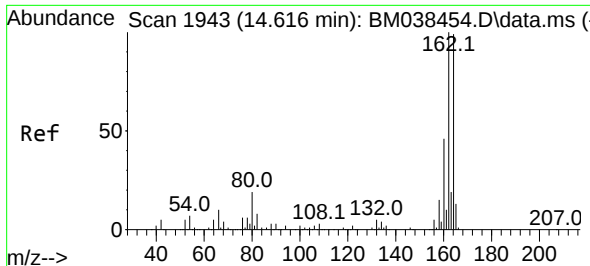


#38
1-Methylnaphthalene
Concen: 6.282 ng m
RT: 12.657 min Scan# 1610
Delta R.T. -0.006 min
Lab File: BM038489.D
Acq: 19 Jan 2023 14:34



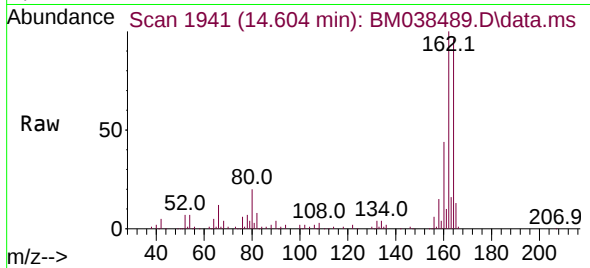
Tgt Ion:142 Resp: 38878
Ion Ratio Lower Upper
142 100
141 92.4 74.4 111.6
116 6.3 3.8 5.8#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.604 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BM038489.D
Acq: 19 Jan 2023 14:34

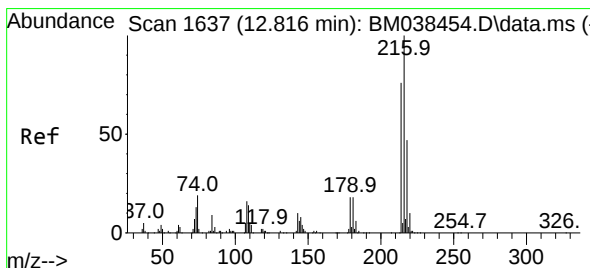
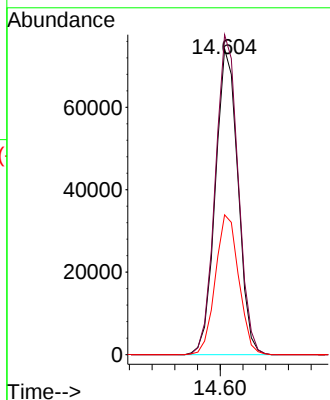
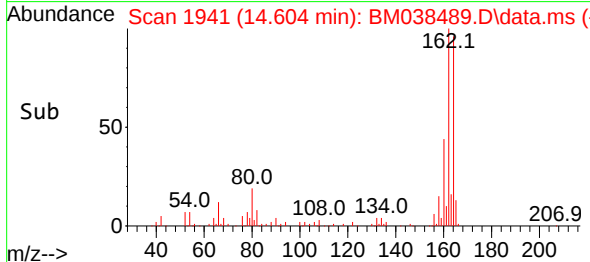
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion:164 Resp: 102420
Ion Ratio Lower Upper
164 100
162 104.7 80.9 121.3
160 45.7 37.4 56.0

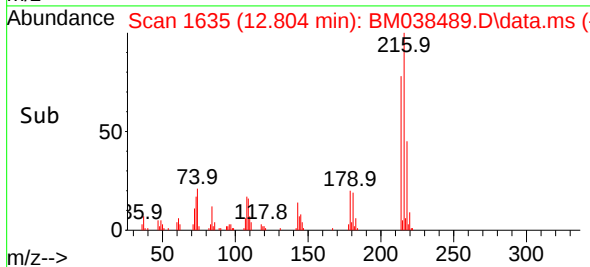
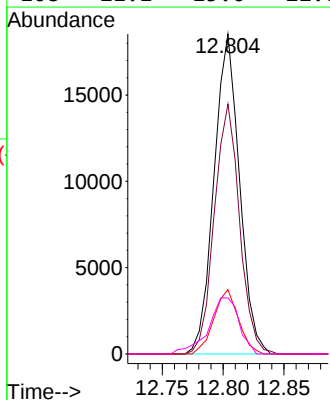
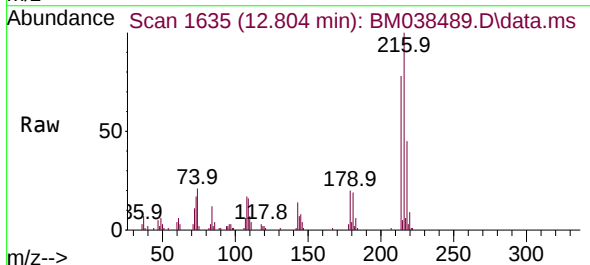
Manual Integrations
APPROVED

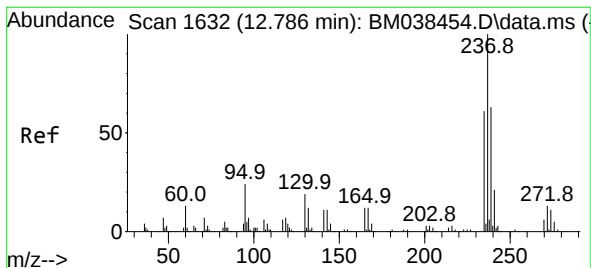
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 7.032 ng
RT: 12.804 min Scan# 1635
Delta R.T. -0.006 min
Lab File: BM038489.D
Acq: 19 Jan 2023 14:34

Tgt Ion:216 Resp: 26956
Ion Ratio Lower Upper
216 100
214 77.0 61.4 92.0
179 19.4 15.3 22.9
108 21.1 15.0 22.6





#41

Hexachlorocyclopentadiene

Concen: 6.298 ng

RT: 12.775 min Scan# 1630

Delta R.T. -0.006 min

Lab File: BM038489.D

Acq: 19 Jan 2023 14:34

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2022

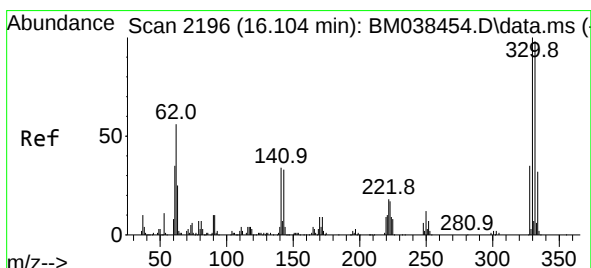
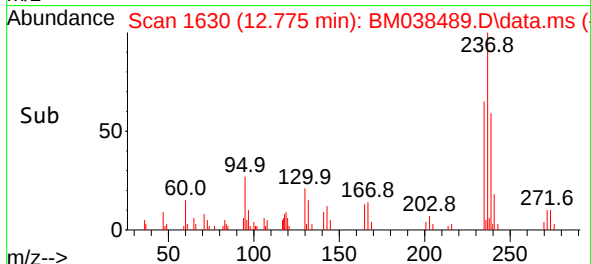
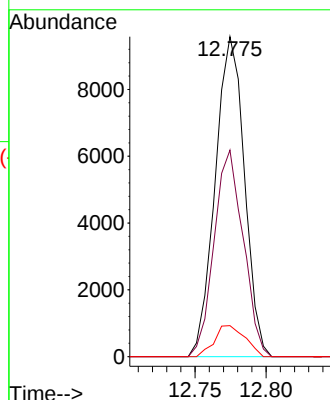
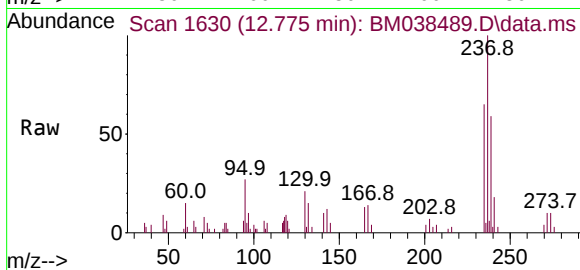
Tgt Ion:	237	Resp:	13728
Ion Ratio	Lower	Upper	
237	100		
235	64.5	40.9	80.9
272	9.7	0.0	32.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#42

2,4,6-Tribromophenol

Concen: 101.575 ng

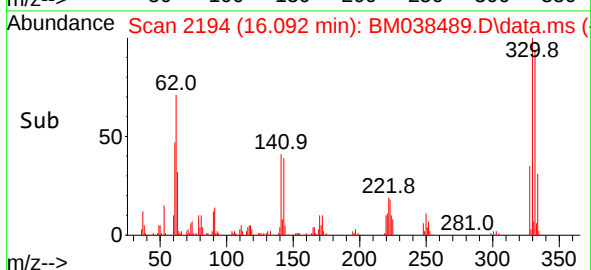
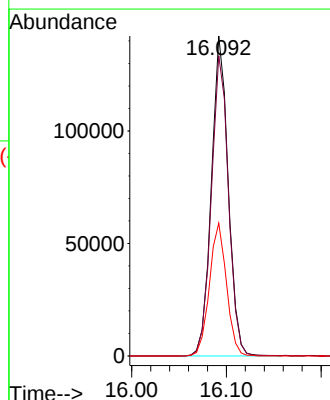
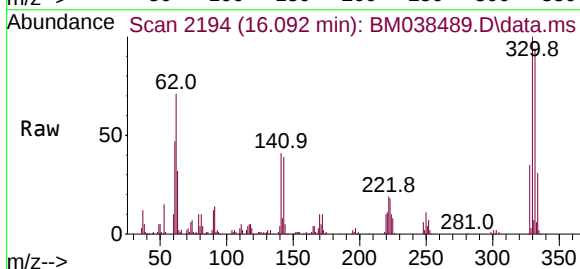
RT: 16.092 min Scan# 2194

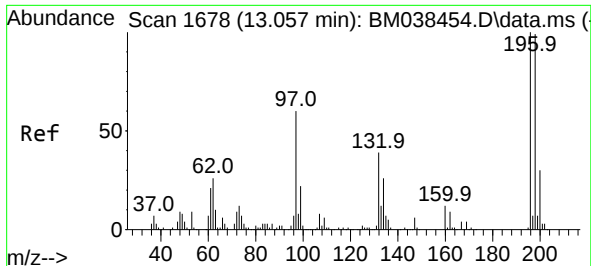
Delta R.T. -0.006 min

Lab File: BM038489.D

Acq: 19 Jan 2023 14:34

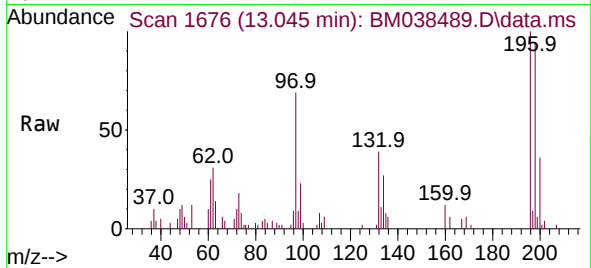
Tgt Ion:	330	Resp:	175867
Ion Ratio	Lower	Upper	
330	100		
332	95.5	77.0	115.4
141	42.0	28.1	42.1





#43
2,4,6-Trichlorophenol
Concen: 6.644 ng m
RT: 13.045 min Scan# 1676
Delta R.T. -0.006 min
Lab File: BM038489.D
Acq: 19 Jan 2023 14:34

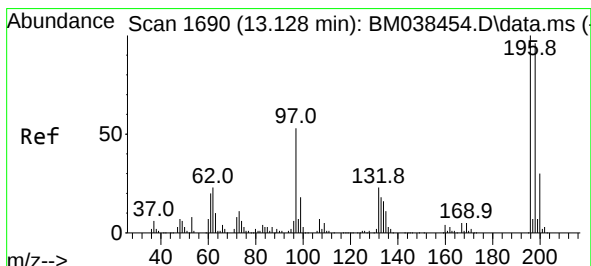
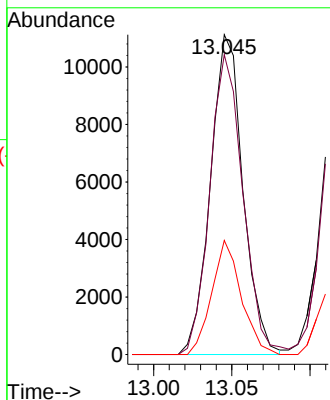
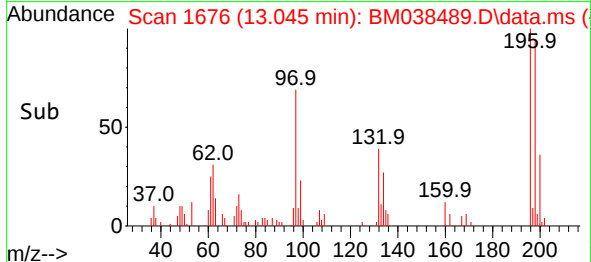
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2022



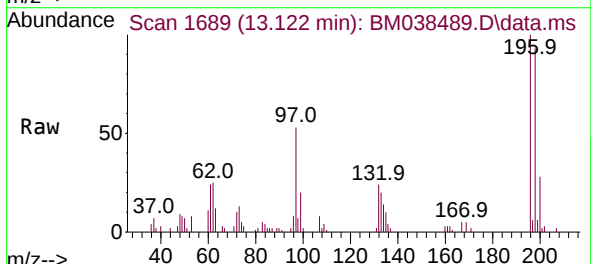
Tgt Ion:196 Resp: 16099
Ion Ratio Lower Upper
196 100
198 93.7 78.8 118.2
200 35.7 24.4 36.6

Manual Integrations
APPROVED

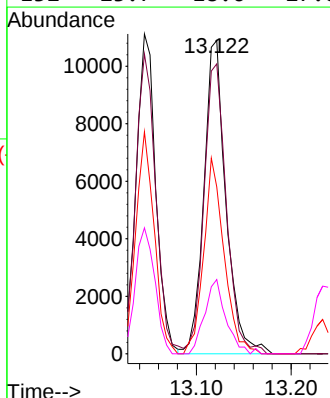
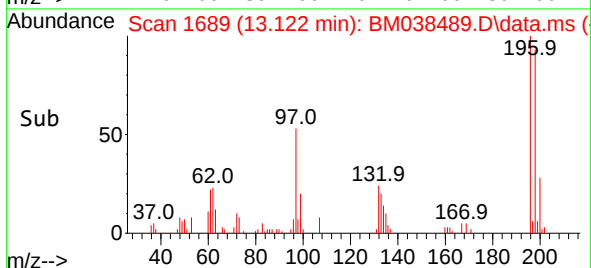
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

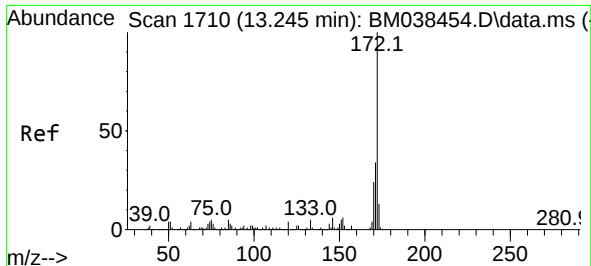


#44
2,4,5-Trichlorophenol
Concen: 6.190 ng
RT: 13.122 min Scan# 1689
Delta R.T. 0.000 min
Lab File: BM038489.D
Acq: 19 Jan 2023 14:34



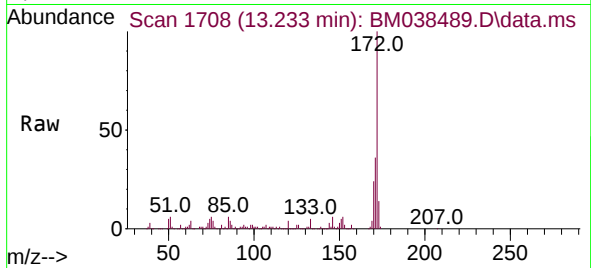
Tgt Ion:196 Resp: 17685
Ion Ratio Lower Upper
196 100
198 92.6 77.4 116.2
97 53.3 42.4 63.6
132 23.7 18.6 27.8





#45
2-Fluorobiphenyl
Concen: 69.823 ng
RT: 13.233 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BM038489.D
Acq: 19 Jan 2023 14:34

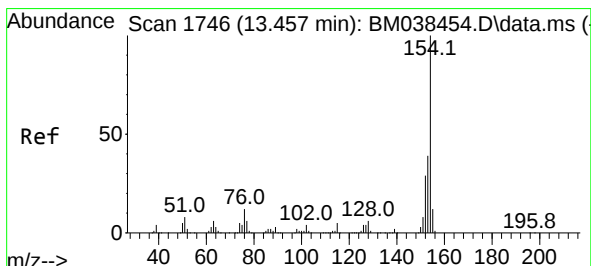
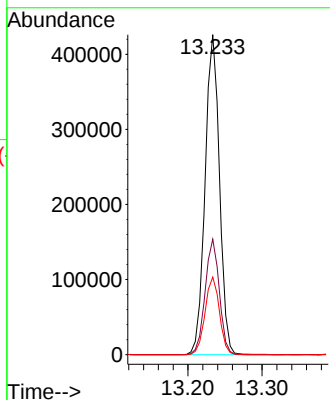
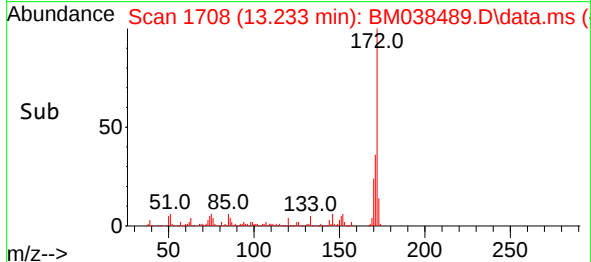
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2022



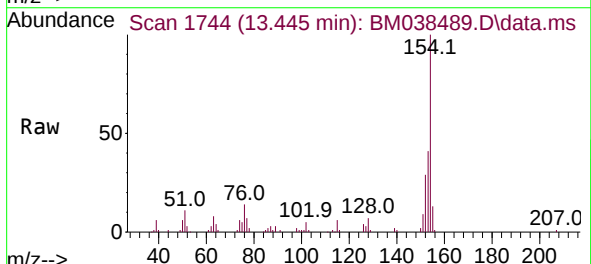
Tgt Ion:172 Resp: 573426
Ion Ratio Lower Upper
172 100
171 36.1 27.5 41.3
170 24.2 19.0 28.6

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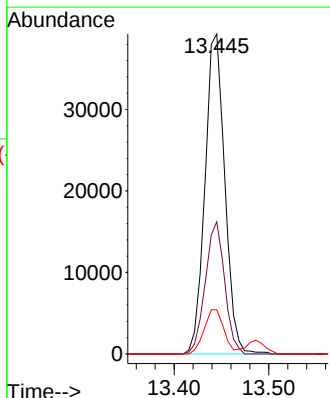
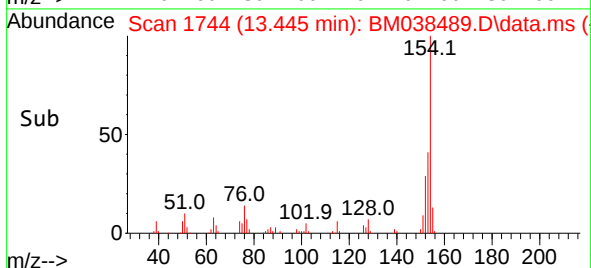
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

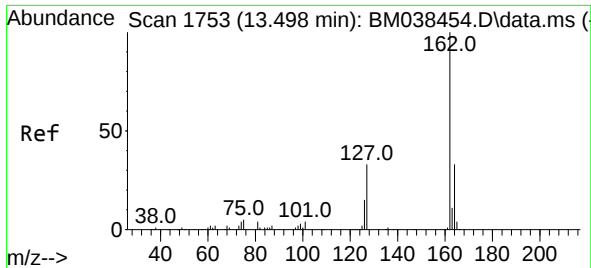


#46
1,1'-Biphenyl
Concen: 7.194 ng
RT: 13.445 min Scan# 1744
Delta R.T. 0.000 min
Lab File: BM038489.D
Acq: 19 Jan 2023 14:34



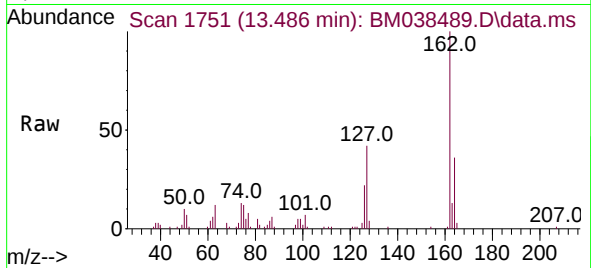
Tgt Ion:154 Resp: 57165
Ion Ratio Lower Upper
154 100
153 41.3 19.3 59.3
76 13.8 0.0 32.2





#47
2-Chloronaphthalene
Concen: 7.335 ng
RT: 13.486 min Scan# 1751
Delta R.T. -0.006 min
Lab File: BM038489.D
Acq: 19 Jan 2023 14:34

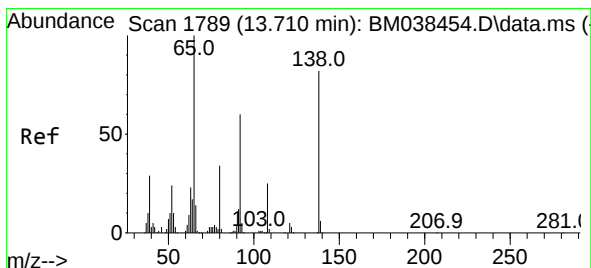
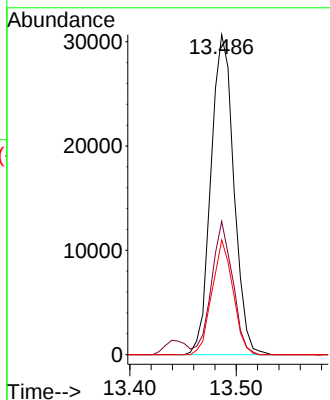
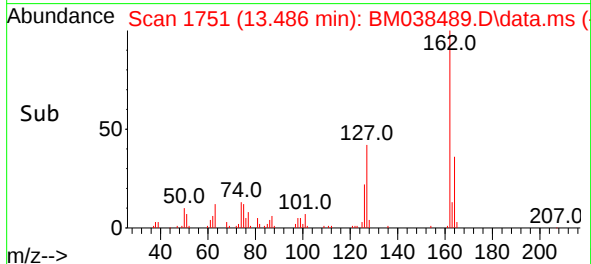
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT3-2022



Tgt Ion:162 Resp: 45872
Ion Ratio Lower Upper
162 100
127 41.6 29.5 44.3
164 35.8 26.2 39.4

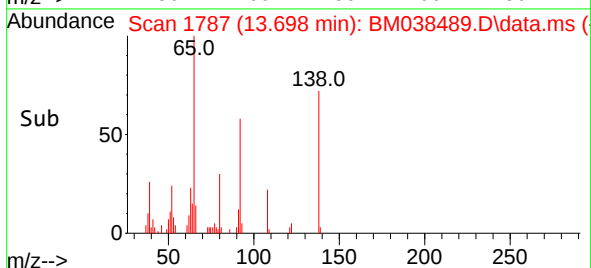
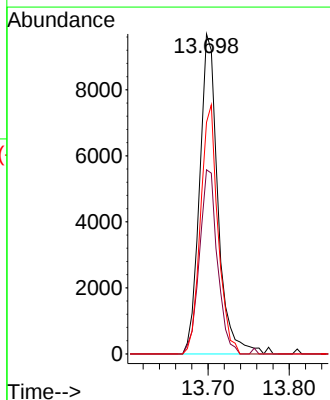
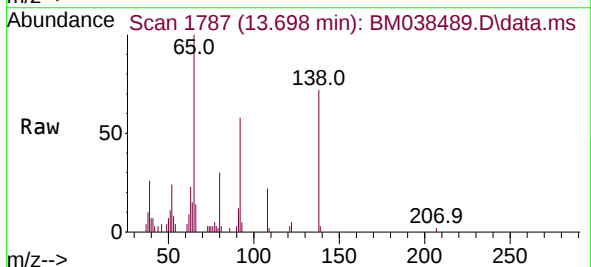
Manual Integrations
APPROVED

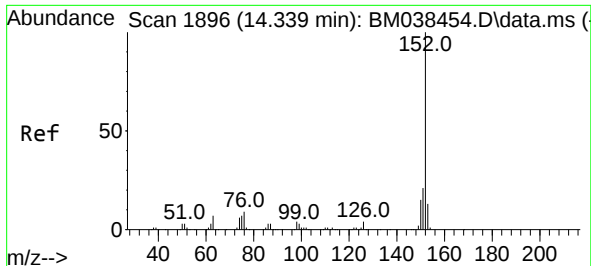
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#48
2-Nitroaniline
Concen: 8.152 ng
RT: 13.698 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BM038489.D
Acq: 19 Jan 2023 14:34

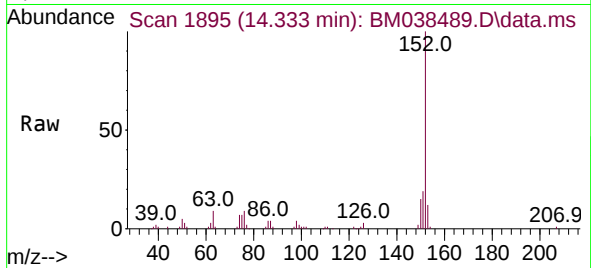
Tgt Ion: 65 Resp: 15244
Ion Ratio Lower Upper
65 100
92 57.5 47.6 71.4
138 72.4 65.8 98.8





#49
Acenaphthylene
Concen: 6.656 ng
RT: 14.333 min Scan# 1895
Delta R.T. 0.000 min
Lab File: BM038489.D
Acq: 19 Jan 2023 14:34

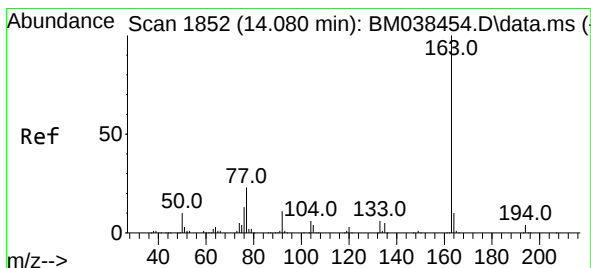
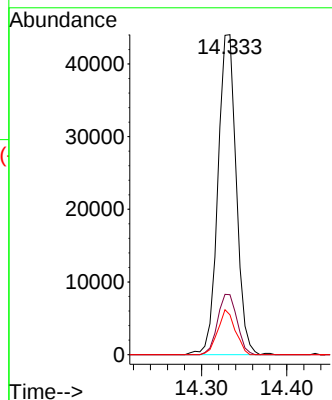
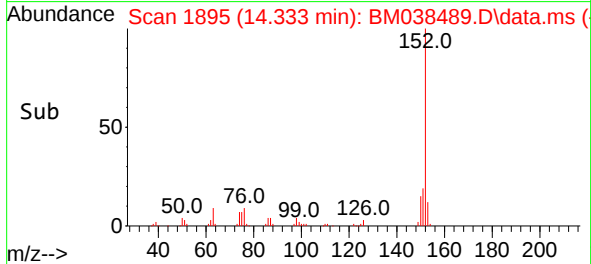
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2022



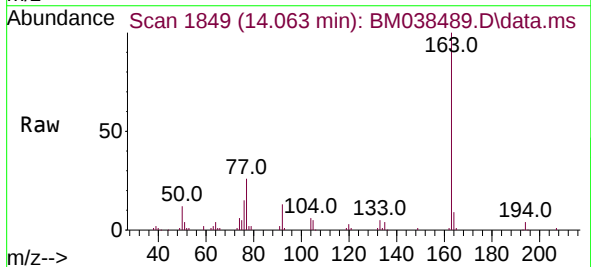
Tgt Ion:152 Resp: 65632
Ion Ratio Lower Upper
152 100
151 18.7 16.4 24.6
153 12.4 10.6 15.8

Manual Integrations
APPROVED

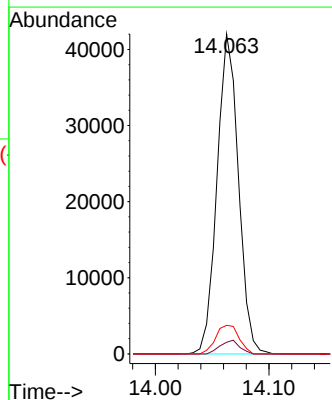
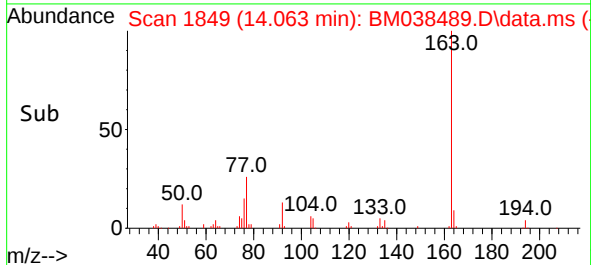
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

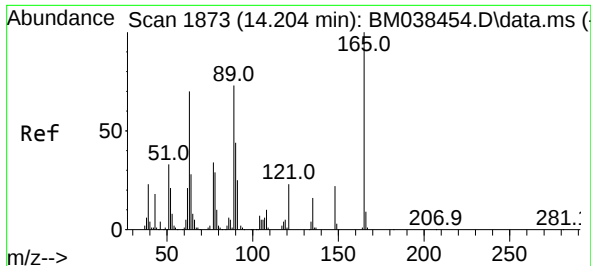


#50
Dimethylphthalate
Concen: 6.618 ng
RT: 14.063 min Scan# 1849
Delta R.T. -0.012 min
Lab File: BM038489.D
Acq: 19 Jan 2023 14:34



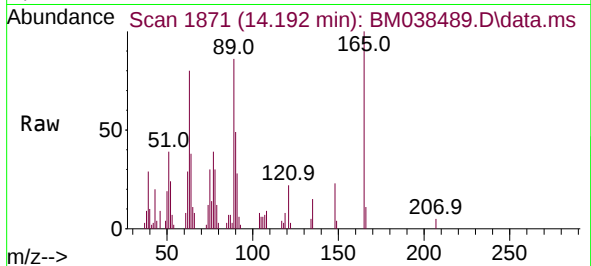
Tgt Ion:163 Resp: 54935
Ion Ratio Lower Upper
163 100
194 3.7 3.6 5.4
164 8.9 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 6.174 ng
RT: 14.192 min Scan# 1871
Delta R.T. -0.006 min
Lab File: BM038489.D
Acq: 19 Jan 2023 14:34

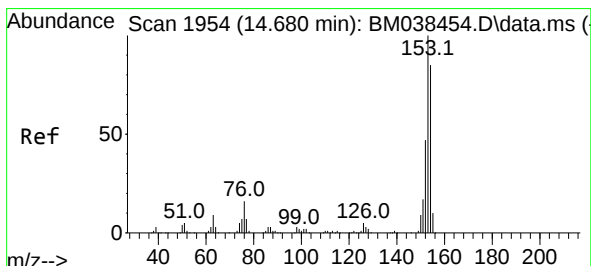
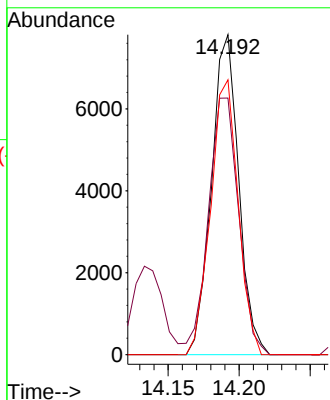
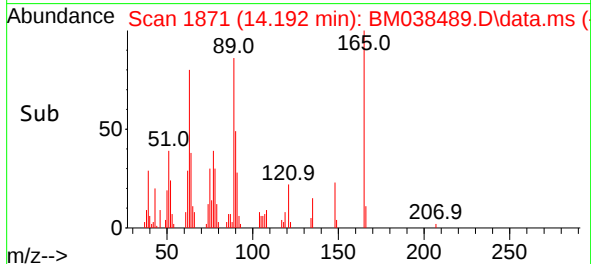
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion:165 Resp: 10426
Ion Ratio Lower Upper
165 100
63 80.2 60.9 91.3
89 85.9 58.6 87.8

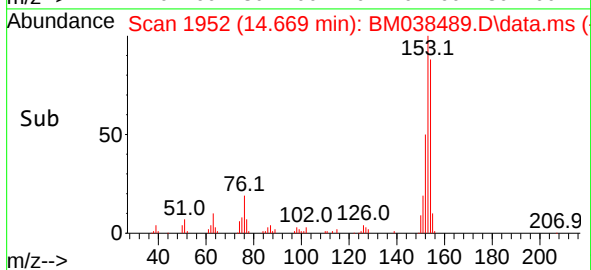
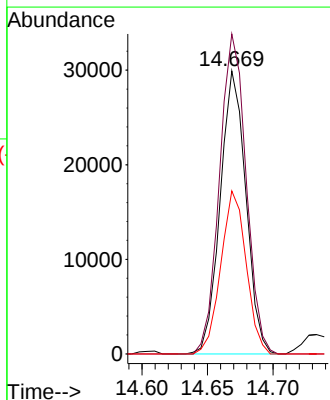
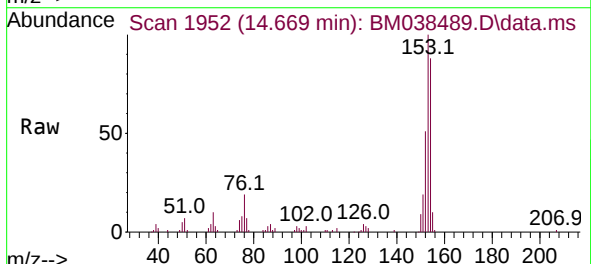
Manual Integrations
APPROVED

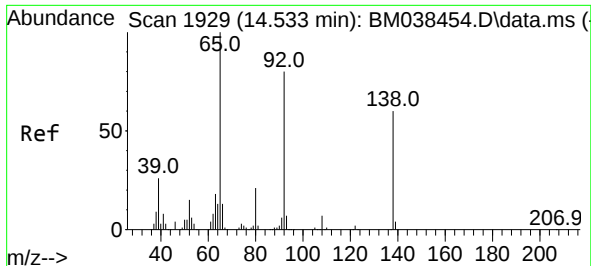
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#52
Acenaphthene
Concen: 6.787 ng
RT: 14.669 min Scan# 1952
Delta R.T. -0.006 min
Lab File: BM038489.D
Acq: 19 Jan 2023 14:34

Tgt Ion:154 Resp: 40666
Ion Ratio Lower Upper
154 100
153 113.1 93.8 140.6
152 57.6 44.2 66.4





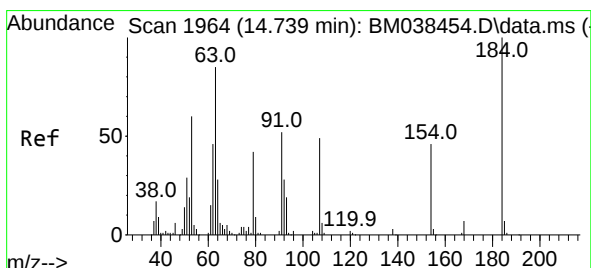
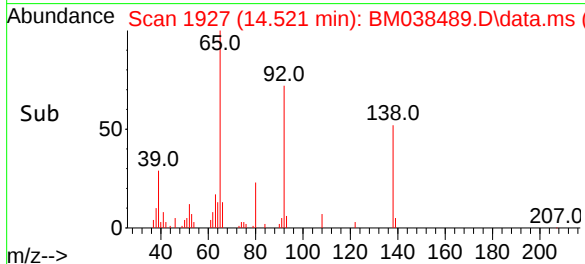
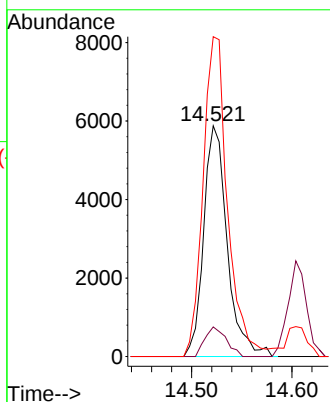
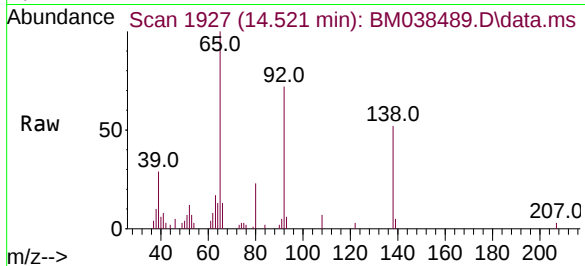
#53
3-Nitroaniline
Concen: 7.508 ng
RT: 14.521 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BM038489.D
Acq: 19 Jan 2023 14:34

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

Tgt Ion:138 Resp: 9558
Ion Ratio Lower Upper
138 100
108 12.9 8.9 13.3
92 138.7 106.4 159.6

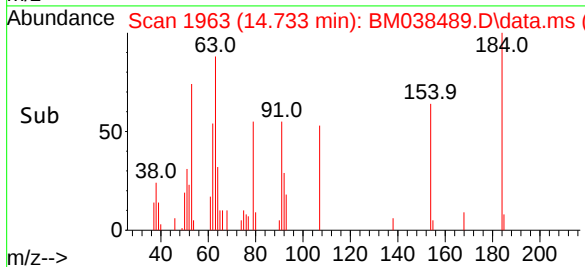
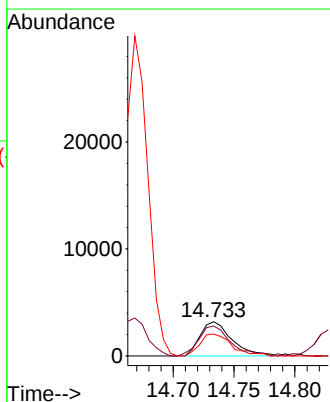
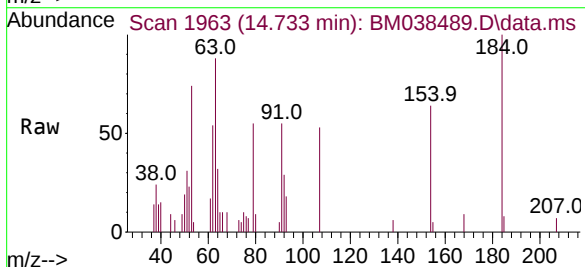
Manual Integrations
APPROVED

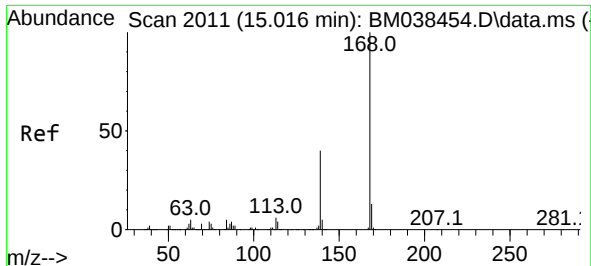
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#54
2,4-Dinitrophenol
Concen: 9.386 ng
RT: 14.733 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BM038489.D
Acq: 19 Jan 2023 14:34

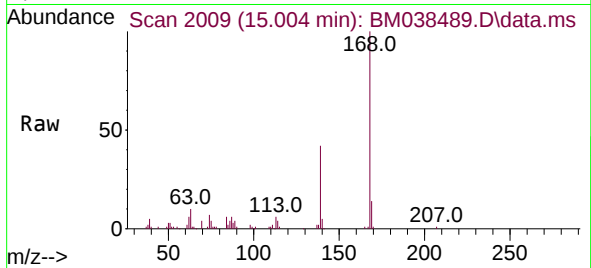
Tgt Ion:184 Resp: 5759
Ion Ratio Lower Upper
184 100
63 87.6 70.0 105.0
154 64.2 55.6 83.4





#55
Dibenzofuran
Concen: 6.642 ng
RT: 15.004 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BM038489.D
Acq: 19 Jan 2023 14:34

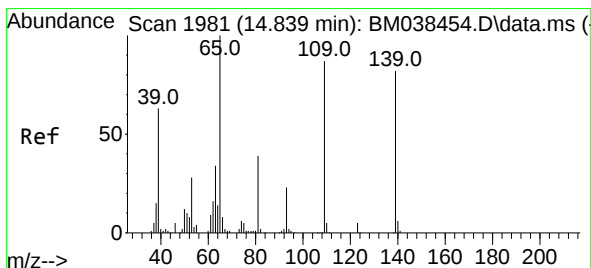
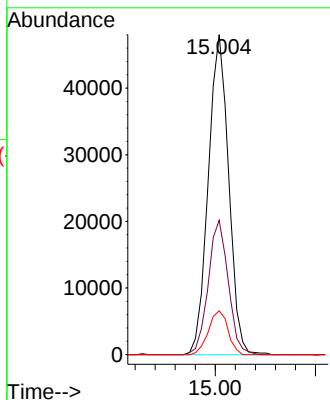
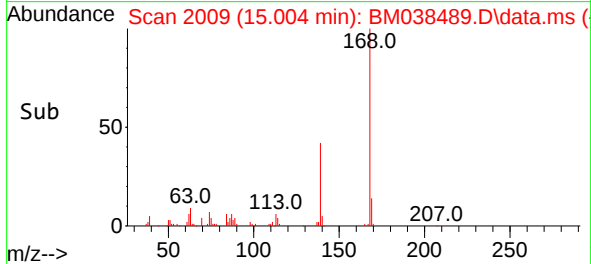
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion:168 Resp: 67762
Ion Ratio Lower Upper
168 100
139 42.0 31.9 47.9
169 13.7 10.5 15.7

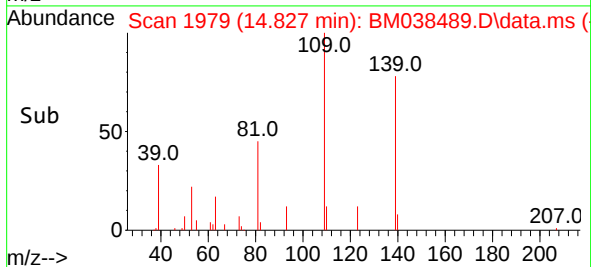
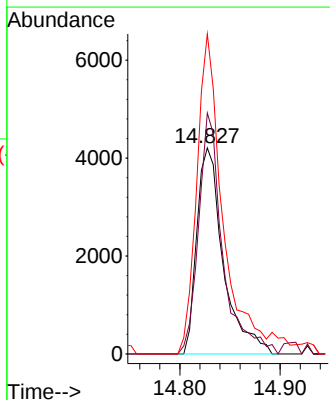
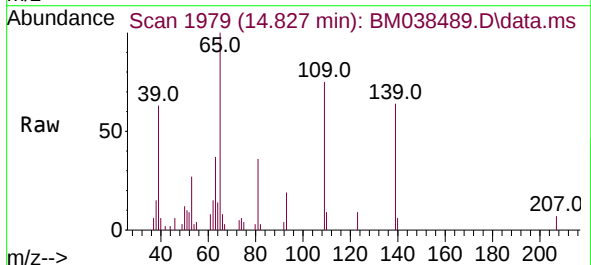
Manual Integrations
APPROVED

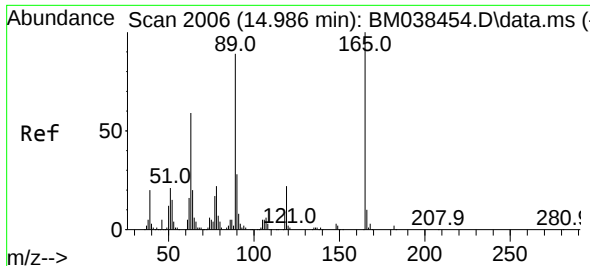
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#56
4-Nitrophenol
Concen: 8.676 ng
RT: 14.827 min Scan# 1979
Delta R.T. 0.000 min
Lab File: BM038489.D
Acq: 19 Jan 2023 14:34

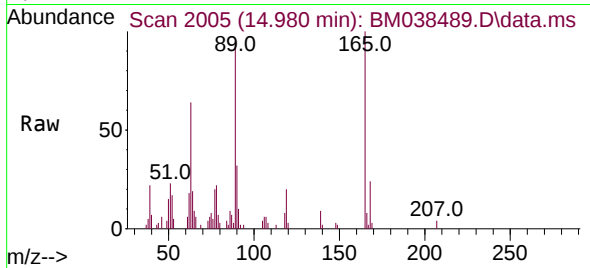
Tgt Ion:139 Resp: 7700
Ion Ratio Lower Upper
139 100
109 117.0 86.0 126.0
65 155.4 102.7 142.7#





#57
2,4-Dinitrotoluene
Concen: 5.924 ng
RT: 14.980 min Scan# 2006
Delta R.T. 0.000 min
Lab File: BM038489.D
Acq: 19 Jan 2023 14:34

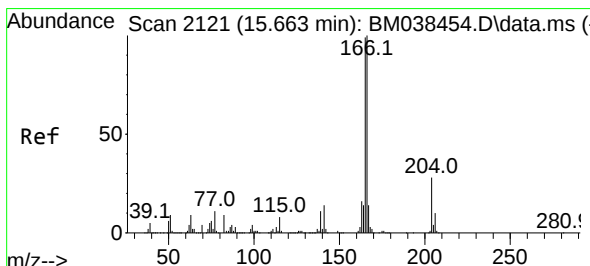
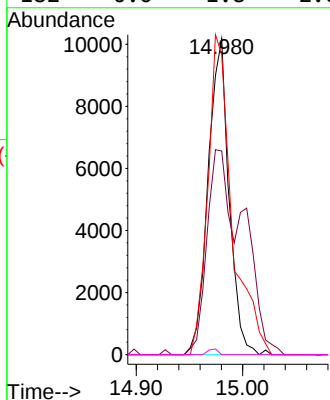
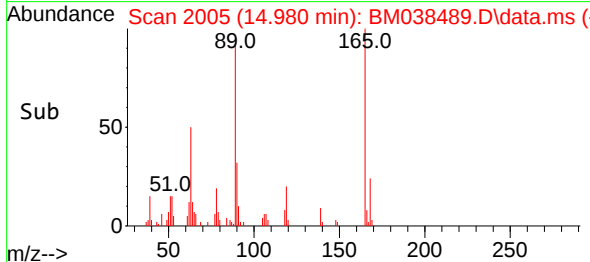
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion:165 Resp: 13905
Ion Ratio Lower Upper
165 100
63 64.4 47.7 71.5
89 94.9 71.5 107.3
182 0.0 1.8 2.6#

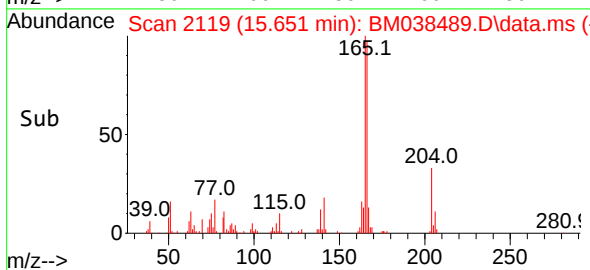
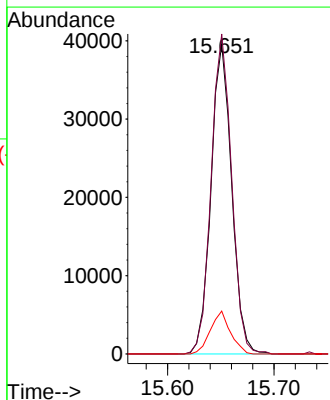
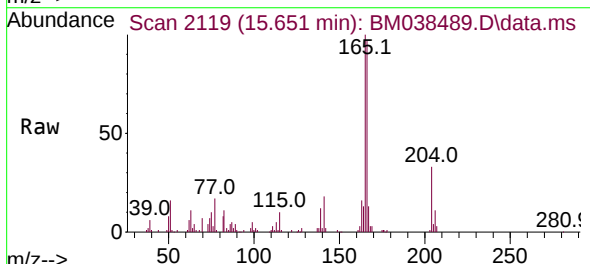
Manual Integrations
APPROVED

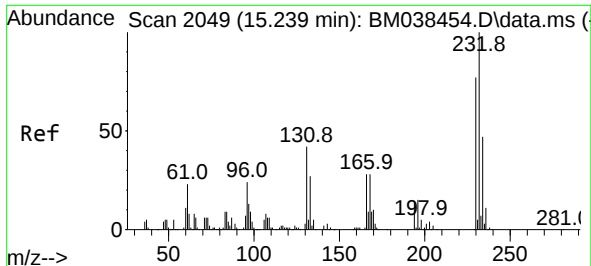
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#58
Fluorene
Concen: 6.261 ng
RT: 15.651 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BM038489.D
Acq: 19 Jan 2023 14:34

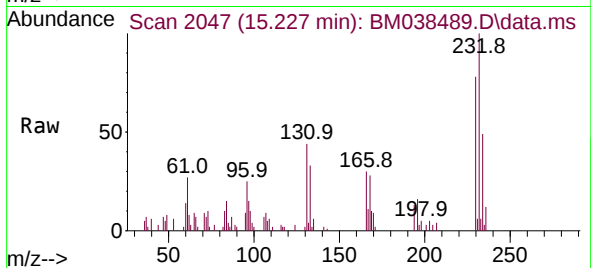
Tgt Ion:166 Resp: 53370
Ion Ratio Lower Upper
166 100
165 103.3 79.2 118.8
167 13.8 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 6.110 ng
RT: 15.227 min Scan# 2047
Delta R.T. -0.006 min
Lab File: BM038489.D
Acq: 19 Jan 2023 14:34

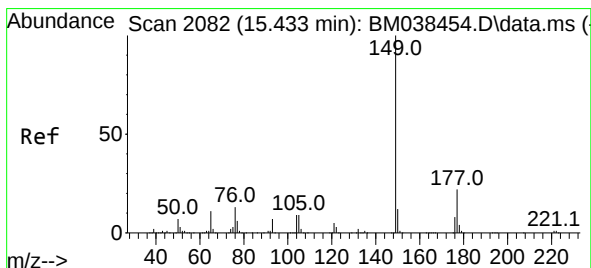
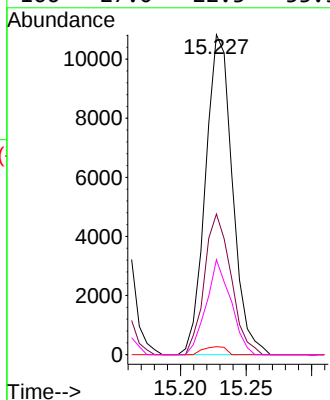
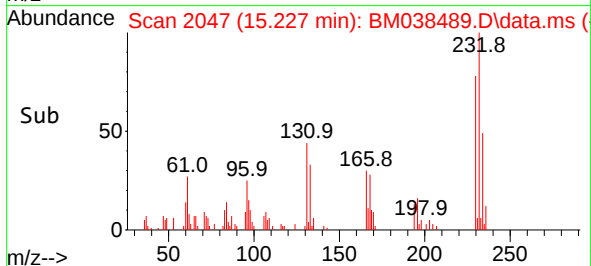
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2022



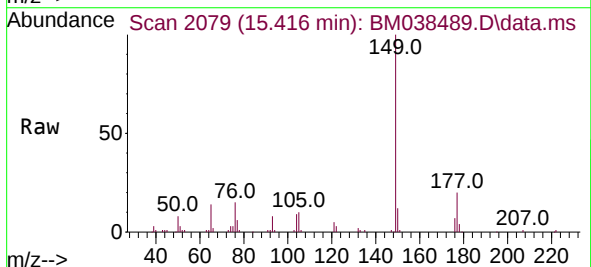
Tgt Ion:232 Resp: 1547
Ion Ratio Lower Upper
232 100
131 43.5 33.8 50.6
130 2.1 1.9 2.9
166 27.0 22.3 33.5

Manual Integrations
APPROVED

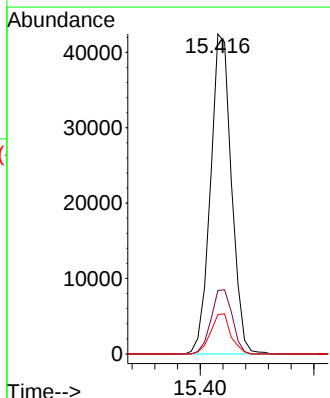
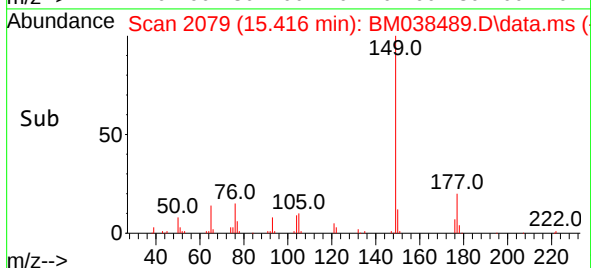
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

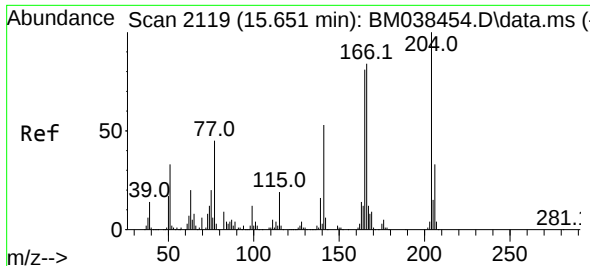


#60
Diethylphthalate
Concen: 6.393 ng
RT: 15.416 min Scan# 2079
Delta R.T. -0.006 min
Lab File: BM038489.D
Acq: 19 Jan 2023 14:34



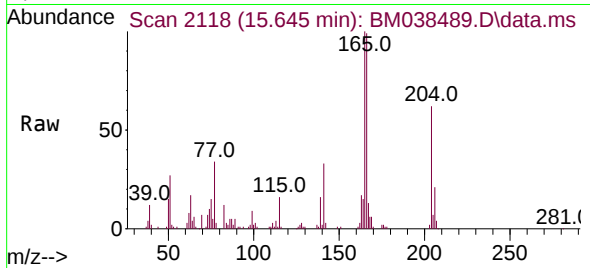
Tgt Ion:149 Resp: 54439
Ion Ratio Lower Upper
149 100
177 19.8 17.8 26.6
150 12.3 9.5 14.3





#61
4-Chlorophenyl-phenylether
Concen: 6.096 ng
RT: 15.645 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BM038489.D
Acq: 19 Jan 2023 14:34

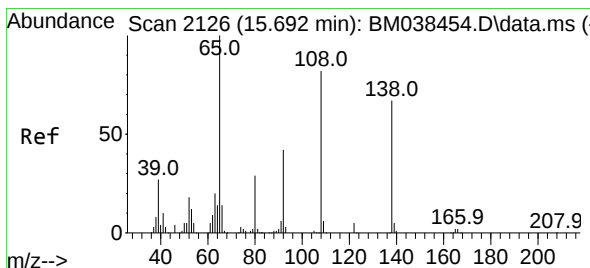
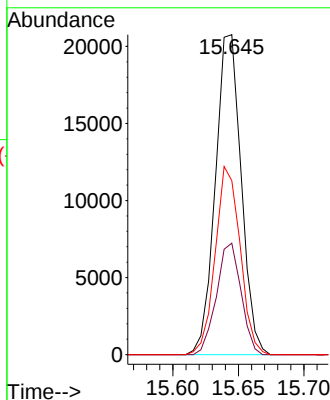
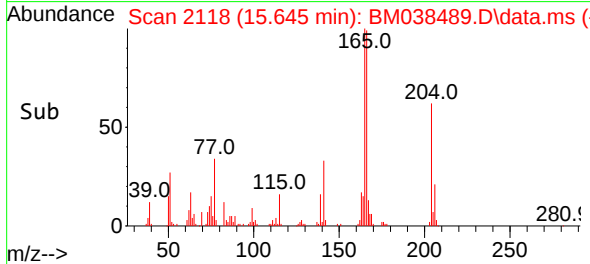
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion:204 Resp: 2852
Ion Ratio Lower Upper
204 100
206 34.8 26.2 39.4
141 54.4 42.5 63.7

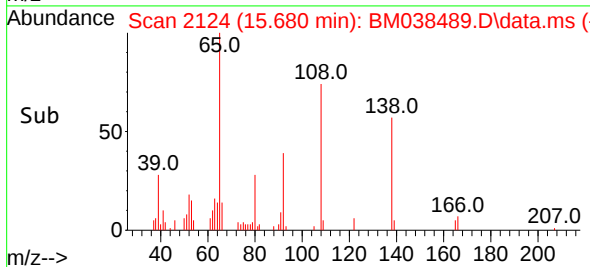
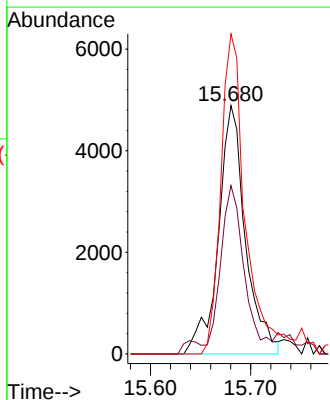
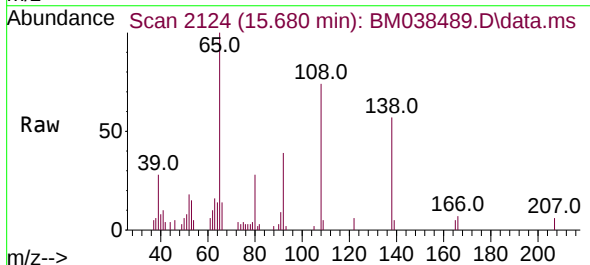
Manual Integrations
APPROVED

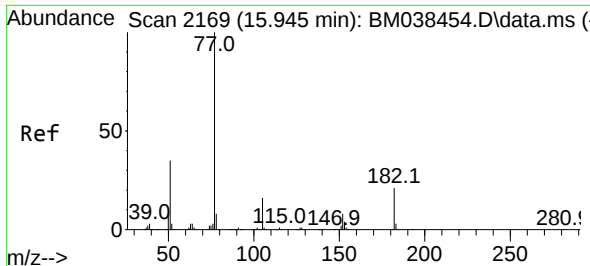
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#62
4-Nitroaniline
Concen: 7.297 ng
RT: 15.680 min Scan# 2124
Delta R.T. -0.006 min
Lab File: BM038489.D
Acq: 19 Jan 2023 14:34

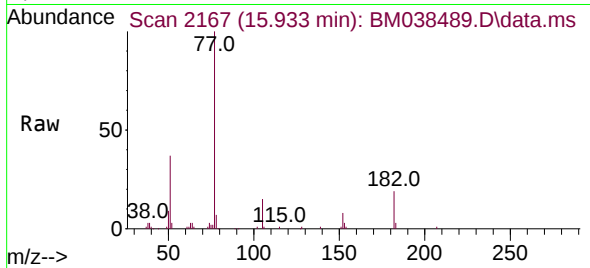
Tgt Ion:138 Resp: 9180
Ion Ratio Lower Upper
138 100
92 67.8 42.1 82.1
108 128.9 102.5 142.5





#63
Azobenzene
Concen: 7.146 ng
RT: 15.933 min Scan# 2167
Delta R.T. -0.006 min
Lab File: BM038489.D
Acq: 19 Jan 2023 14:34

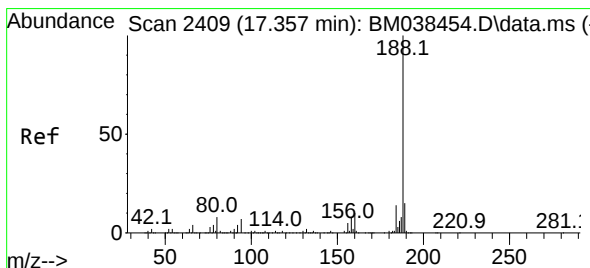
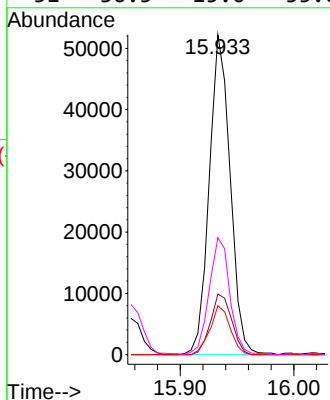
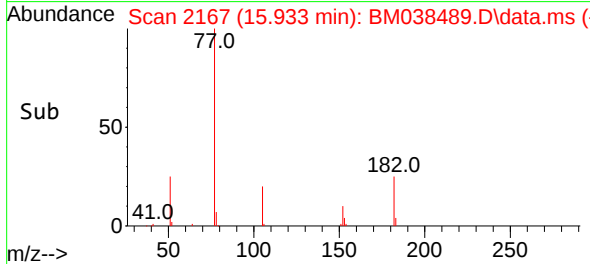
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2022



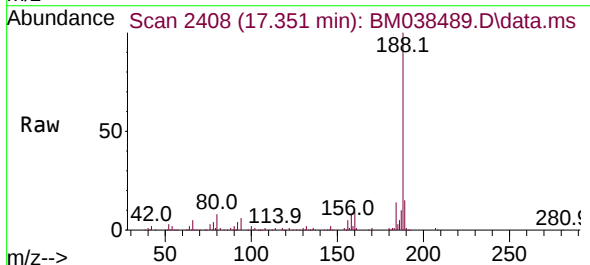
Tgt Ion: 77 Resp: 6695
Ion Ratio Lower Upper
77 100
182 18.9 1.1 41.1
105 15.3 0.0 36.4
51 36.5 15.0 55.0

Manual Integrations
APPROVED

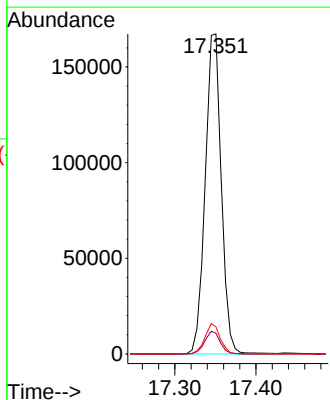
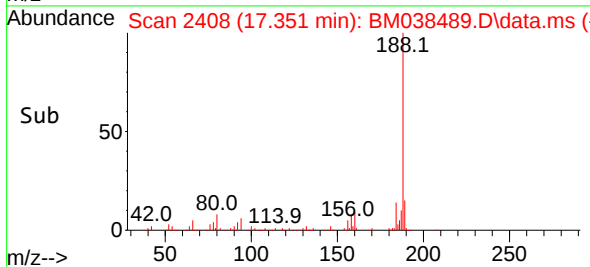
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

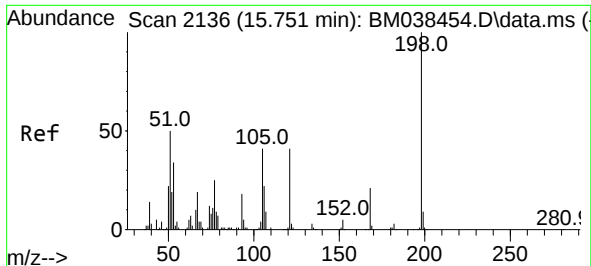


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.351 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BM038489.D
Acq: 19 Jan 2023 14:34



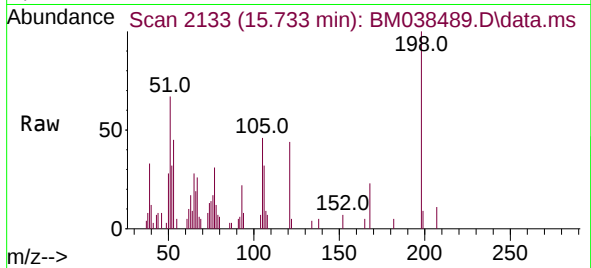
Tgt Ion:188 Resp: 230946
Ion Ratio Lower Upper
188 100
94 6.4 5.4 8.0
80 8.5 6.5 9.7





#65
4,6-Dinitro-2-methylphenol
Concen: 5.042 ng
RT: 15.733 min Scan# 2133
Delta R.T. -0.006 min
Lab File: BM038489.D
Acq: 19 Jan 2023 14:34

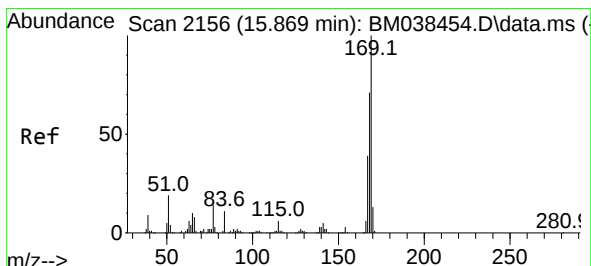
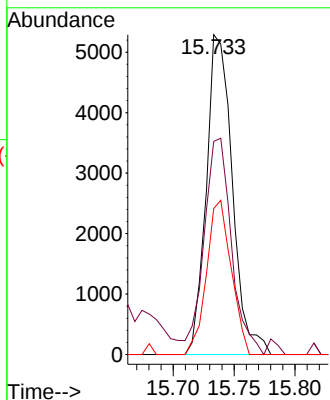
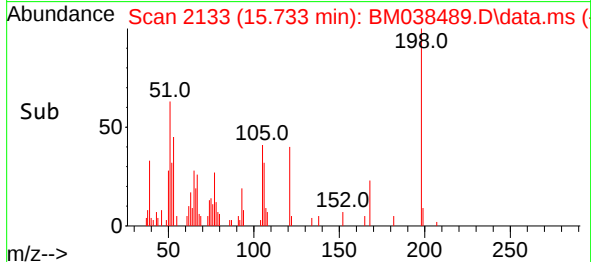
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2022



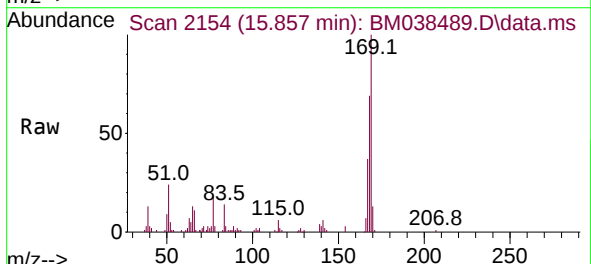
Tgt Ion:198 Resp: 7902
Ion Ratio Lower Upper
198 100
51 66.6 31.6 71.6
105 45.6 21.5 61.5

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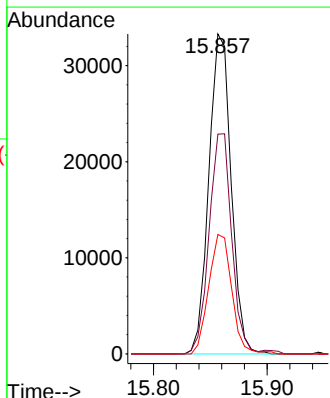
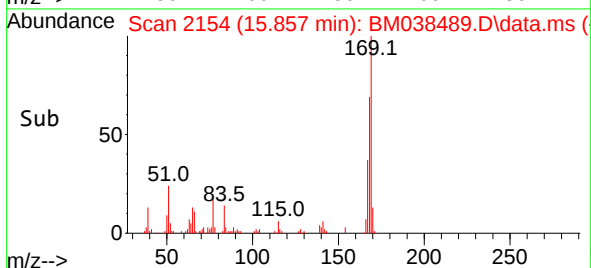
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023

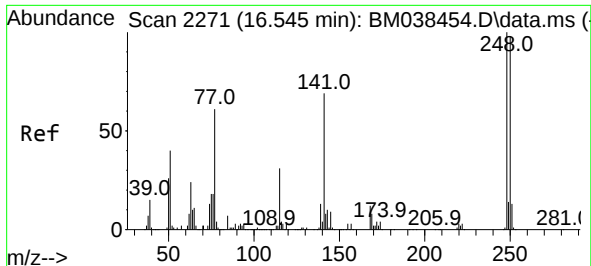


#66
n-Nitrosodiphenylamine
Concen: 6.703 ng
RT: 15.857 min Scan# 2154
Delta R.T. -0.006 min
Lab File: BM038489.D
Acq: 19 Jan 2023 14:34



Tgt Ion:169 Resp: 45421
Ion Ratio Lower Upper
169 100
168 68.7 56.6 85.0
167 37.3 31.1 46.7





#67

4-Bromophenyl-phenylether

Concen: 6.139 ng

RT: 16.533 min Scan# 2269

Delta R.T. -0.006 min

Lab File: BM038489.D

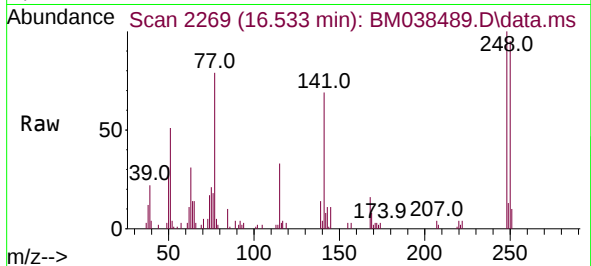
Acq: 19 Jan 2023 14:34

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2022



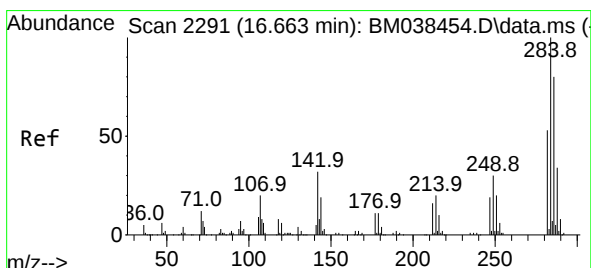
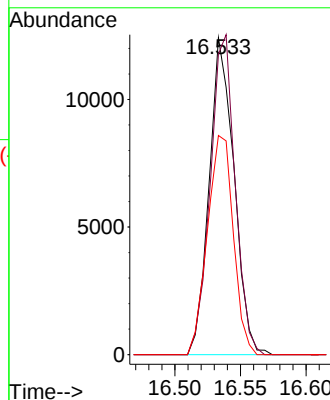
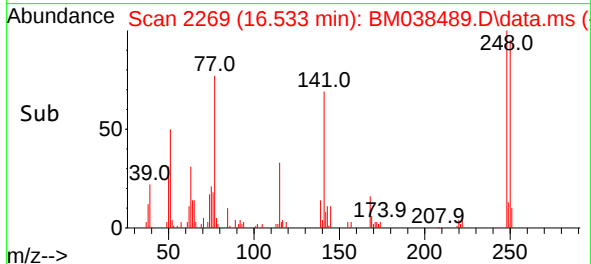
Tgt Ion:	248	Resp:	16399
Ion Ratio	Lower	Upper	
248	100		
250	94.8	78.3	117.5
141	69.1	55.1	82.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#68

Hexachlorobenzene

Concen: 6.683 ng

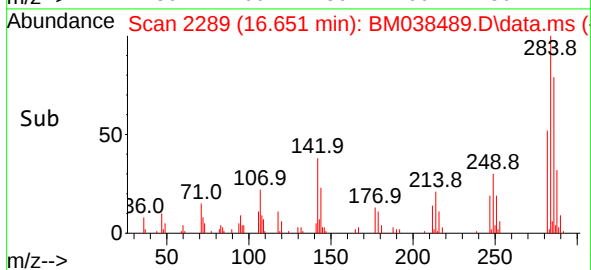
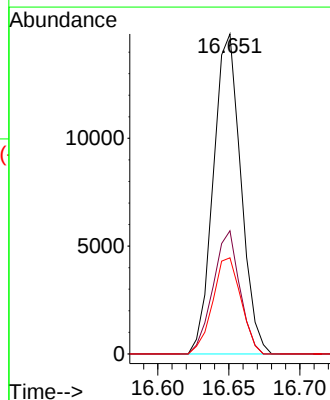
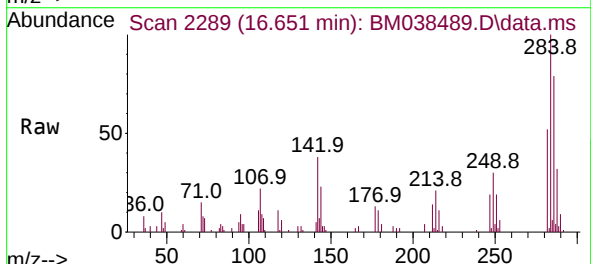
RT: 16.651 min Scan# 2289

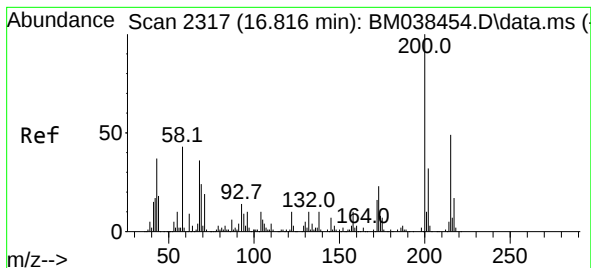
Delta R.T. -0.006 min

Lab File: BM038489.D

Acq: 19 Jan 2023 14:34

Tgt Ion:	284	Resp:	19993
Ion Ratio	Lower	Upper	
284	100		
142	38.5	26.0	39.0
249	30.0	23.8	35.8





#69

Atrazine

Concen: 7.006 ng

RT: 16.804 min Scan# 2315

Delta R.T. -0.006 min

Lab File: BM038489.D

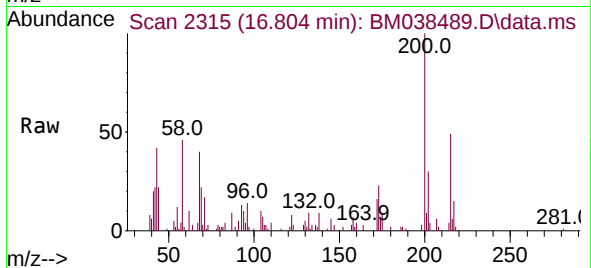
Acq: 19 Jan 2023 14:34

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2022



Tgt Ion:200 Resp: 16788

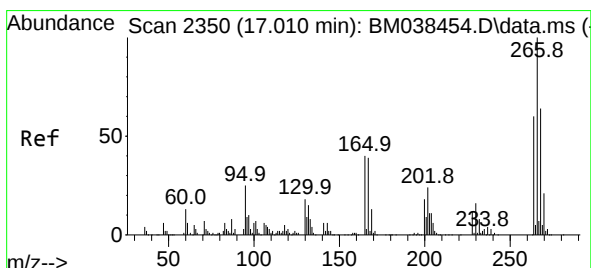
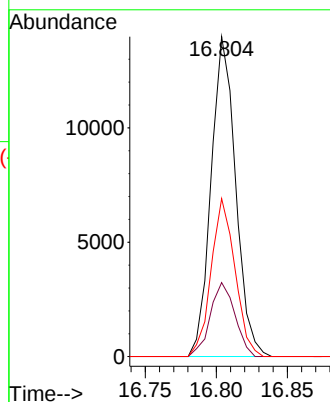
Ion	Ratio	Lower	Upper
200	100		
173	23.1	3.4	43.4
215	49.4	29.3	69.3

Manual Integrations

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Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#70

Pentachlorophenol

Concen: 5.065 ng

RT: 16.998 min Scan# 2348

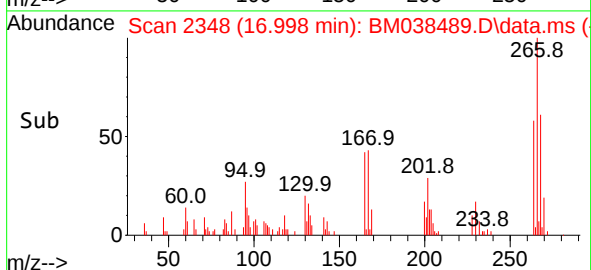
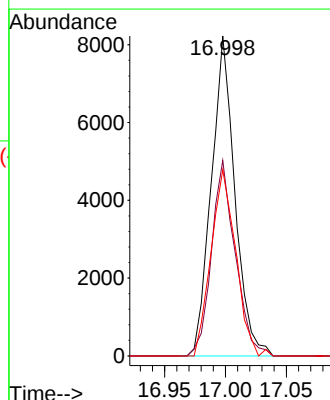
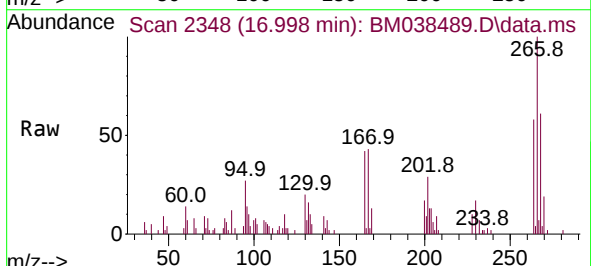
Delta R.T. 0.000 min

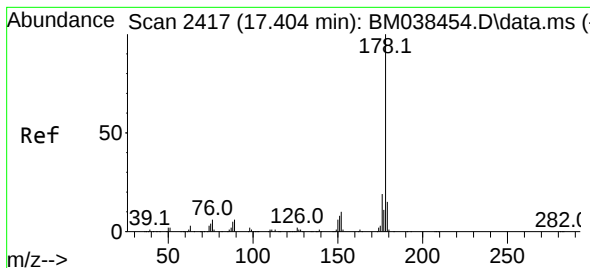
Lab File: BM038489.D

Acq: 19 Jan 2023 14:34

Tgt Ion:266 Resp: 11062

Ion	Ratio	Lower	Upper
266	100		
268	65.5	51.4	77.0
264	58.2	48.2	72.2





#71

Phenanthrene

Concen: 6.706 ng

RT: 17.392 min Scan# 2415

Delta R.T. 0.000 min

Lab File: BM038489.D

Acq: 19 Jan 2023 14:34

Instrument :

BNA_M

ClientSampleId :

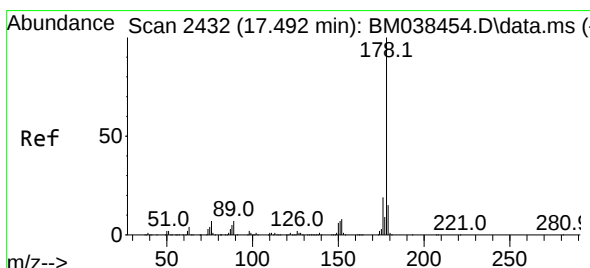
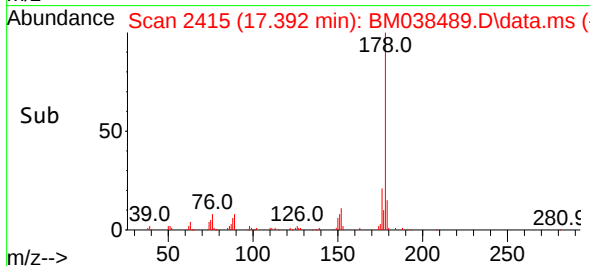
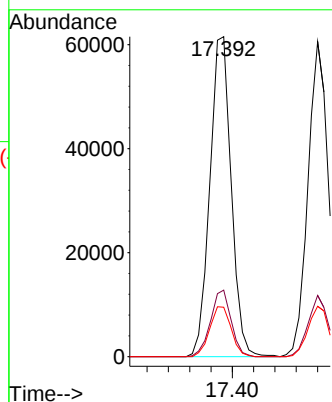
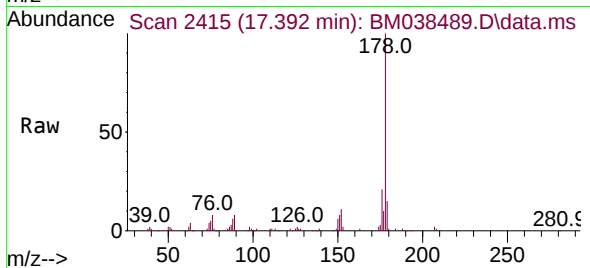
MDL-WATER-03-QT3-2022

Tgt Ion:178 Resp: 85683
 Ion Ratio Lower Upper
 178 100
 176 20.8 15.4 23.0
 179 15.4 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: 6.419 ng

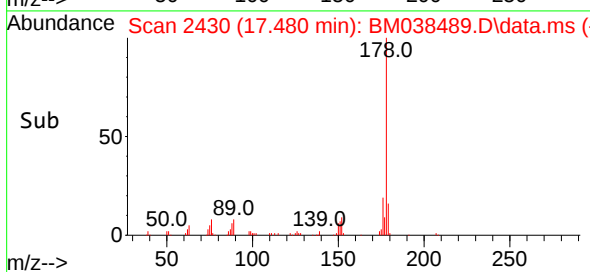
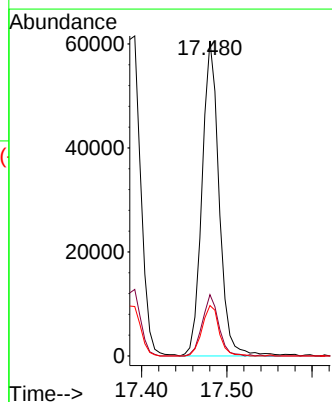
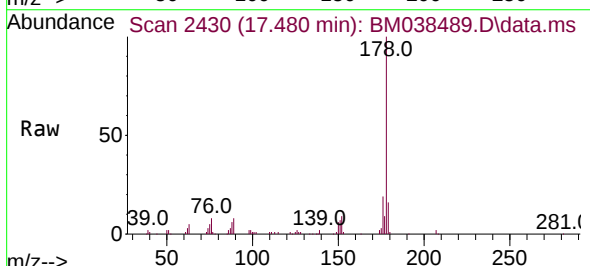
RT: 17.480 min Scan# 2430

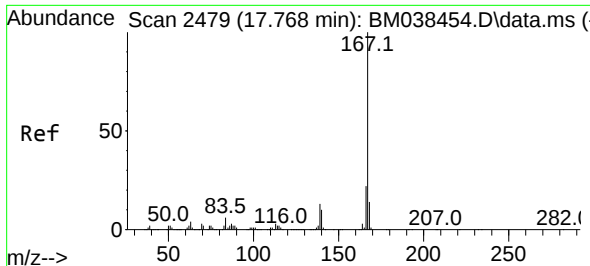
Delta R.T. -0.006 min

Lab File: BM038489.D

Acq: 19 Jan 2023 14:34

Tgt Ion:178 Resp: 84294
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.0 22.6
 179 16.0 12.2 18.2





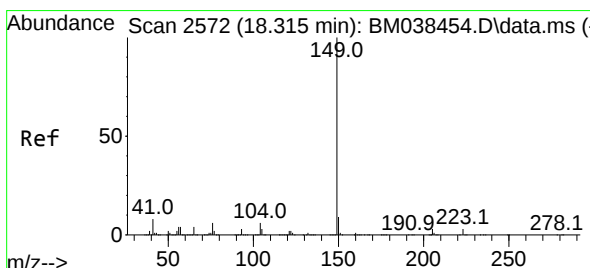
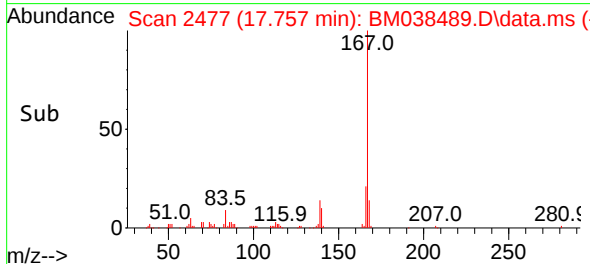
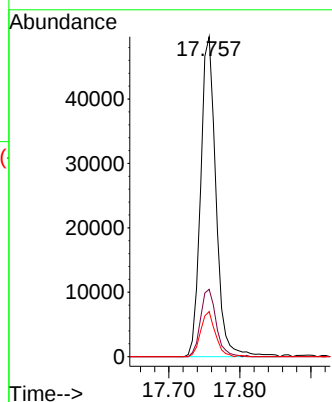
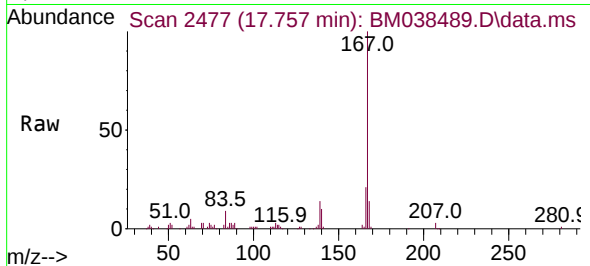
#73
 Carbazole
 Concen: 6.466 ng
 RT: 17.757 min Scan# 2479
 Delta R.T. 0.000 min
 Lab File: BM038489.D
 Acq: 19 Jan 2023 14:34

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

Tgt Ion:167 Resp: 74249
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.4 26.0
 139 14.1 10.1 15.1

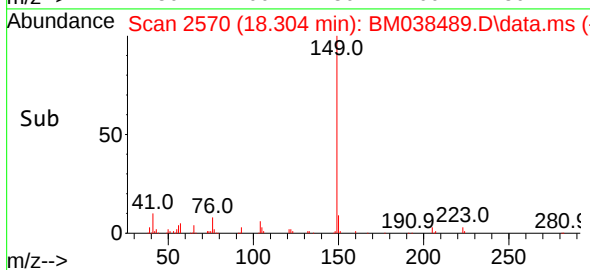
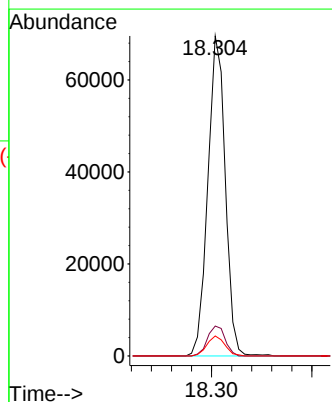
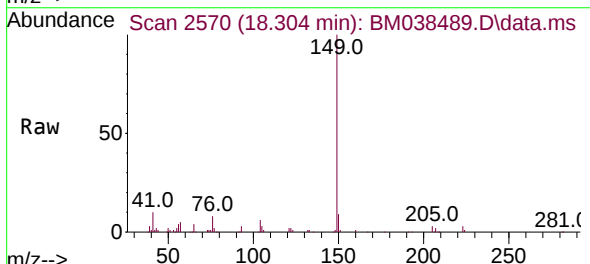
Manual Integrations
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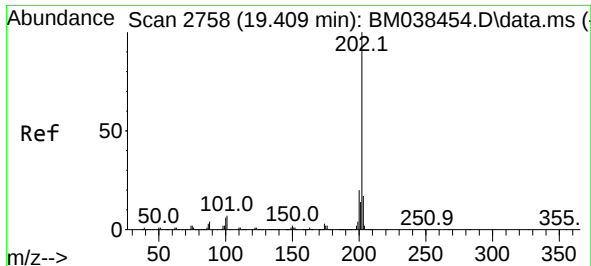
Reviewed By :Christian Giraldo 01/20/2023
 Supervised By :Jagrut Upadhyay 01/20/2023



#74
 Di-n-butylphthalate
 Concen: 6.146 ng
 RT: 18.304 min Scan# 2570
 Delta R.T. -0.006 min
 Lab File: BM038489.D
 Acq: 19 Jan 2023 14:34

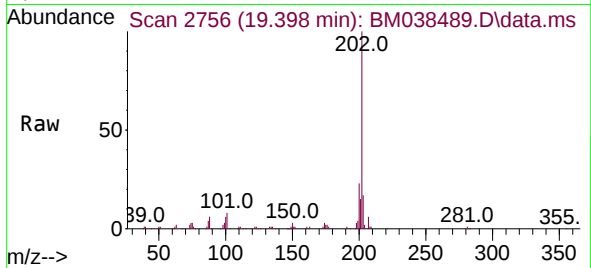
Tgt Ion:149 Resp: 83825
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 6.2 4.7 7.1





#75
Fluoranthene
Concen: 6.129 ng
RT: 19.398 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM038489.D
Acq: 19 Jan 2023 14:34

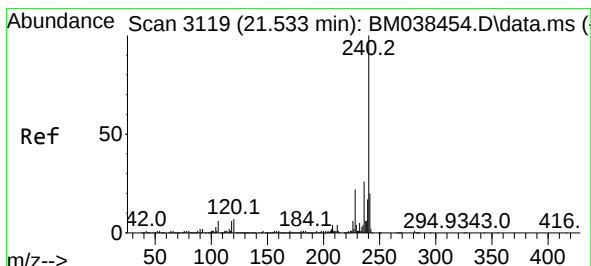
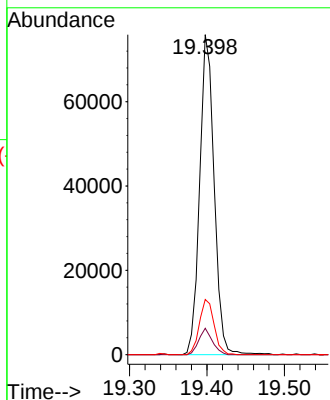
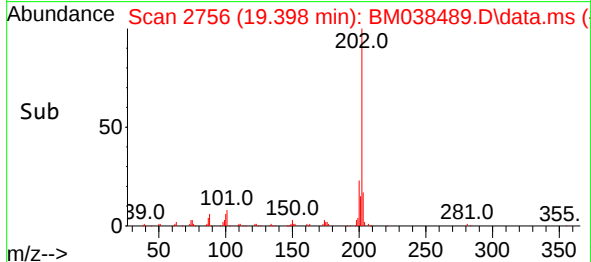
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion:202 Resp: 98442
Ion Ratio Lower Upper
202 100
101 8.2 0.0 27.4
203 17.2 0.0 37.1

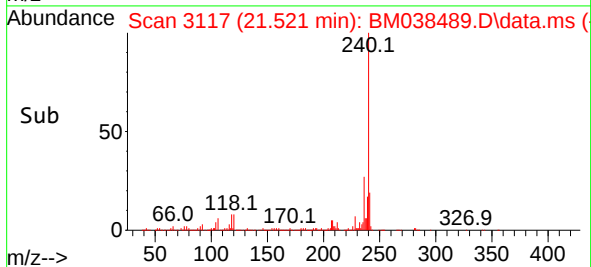
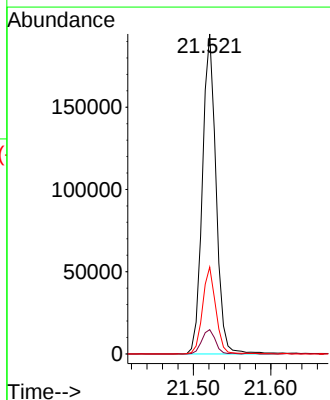
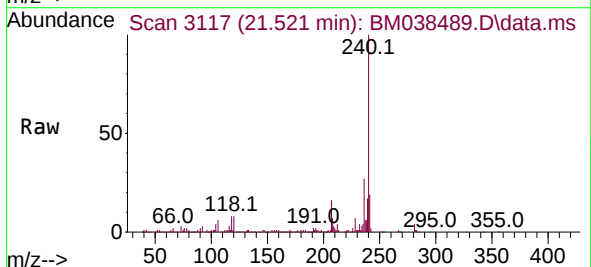
Manual Integrations
APPROVED

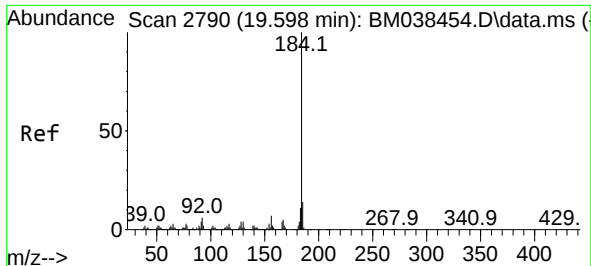
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.521 min Scan# 3117
Delta R.T. -0.006 min
Lab File: BM038489.D
Acq: 19 Jan 2023 14:34

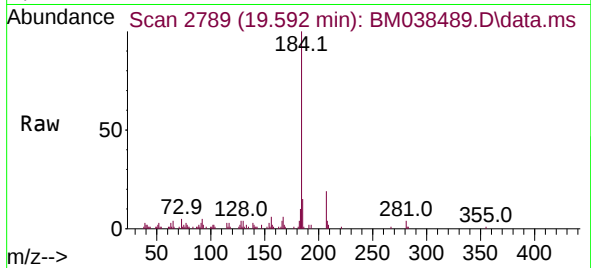
Tgt Ion:240 Resp: 237650
Ion Ratio Lower Upper
240 100
120 7.6 5.6 8.4
236 27.1 21.0 31.4





#77
Benzidine
Concen: 8.042 ng
RT: 19.592 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038489.D
Acq: 19 Jan 2023 14:34

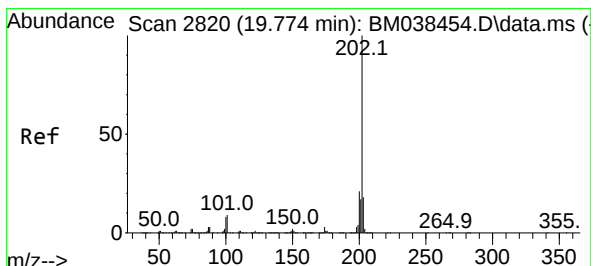
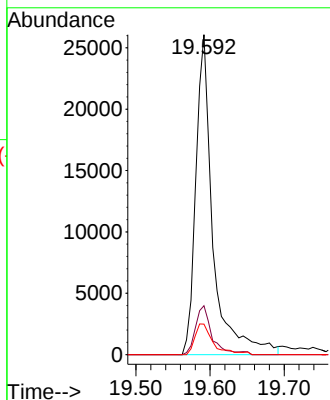
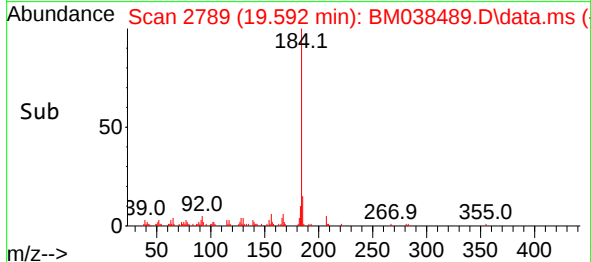
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion:184 Resp: 4187
Ion Ratio Lower Upper
184 100
185 15.3 11.1 16.7
183 9.5 8.6 13.0

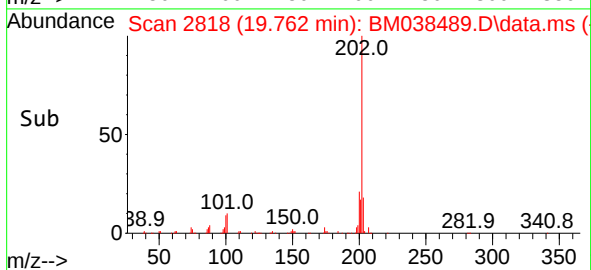
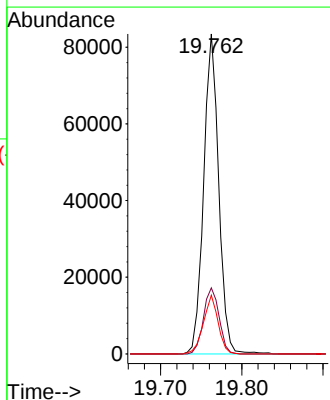
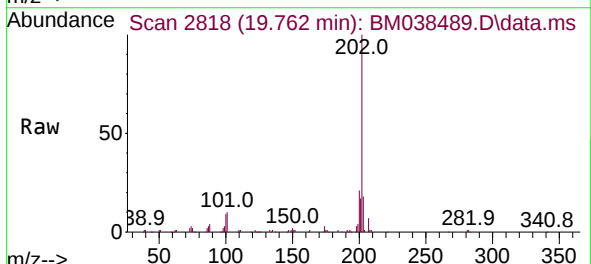
Manual Integrations
APPROVED

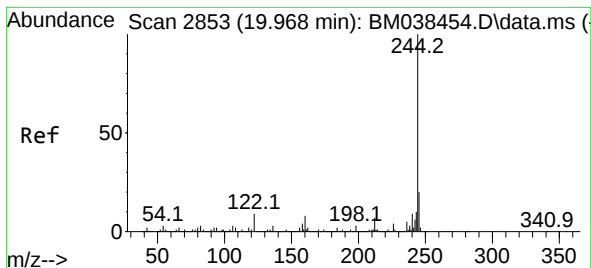
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#78
Pyrene
Concen: 6.796 ng
RT: 19.762 min Scan# 2818
Delta R.T. -0.006 min
Lab File: BM038489.D
Acq: 19 Jan 2023 14:34

Tgt Ion:202 Resp: 107481
Ion Ratio Lower Upper
202 100
200 20.6 16.9 25.3
203 18.3 14.2 21.2





#79

Terphenyl-d14

Concen: 75.530 ng

RT: 19.962 min Scan# 2852

Delta R.T. 0.000 min

Lab File: BM038489.D

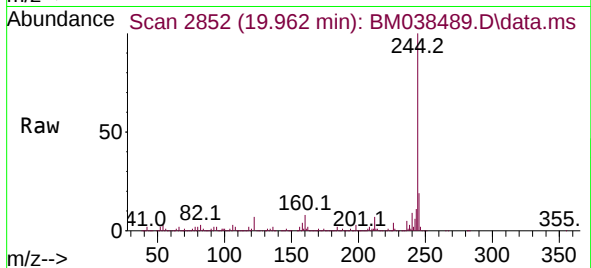
Acq: 19 Jan 2023 14:34

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2022



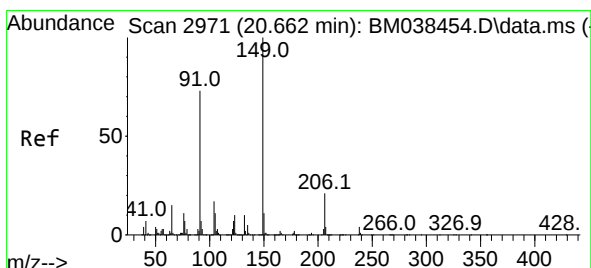
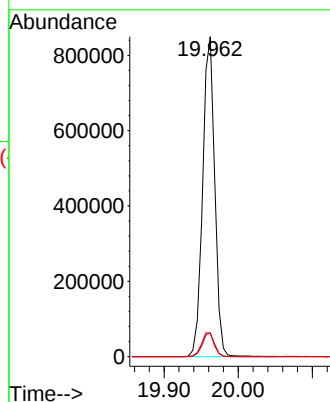
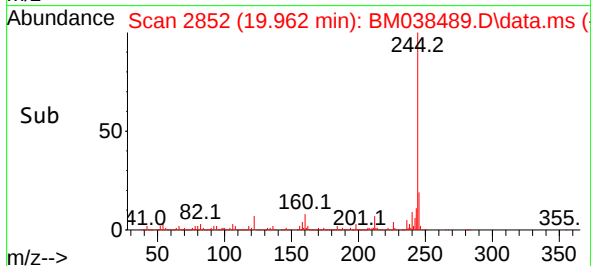
Tgt Ion:244 Resp: 95883

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	7.3	7.1	10.7

Manual Integrations

APPROVED

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



#80

Butylbenzylphthalate

Concen: 6.105 ng

RT: 20.651 min Scan# 2969

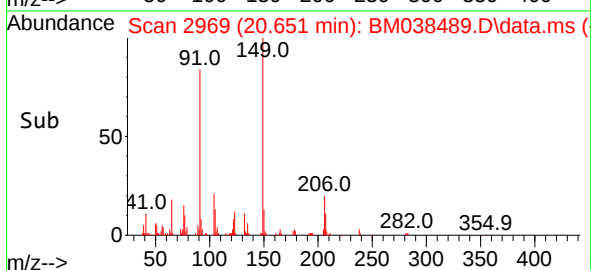
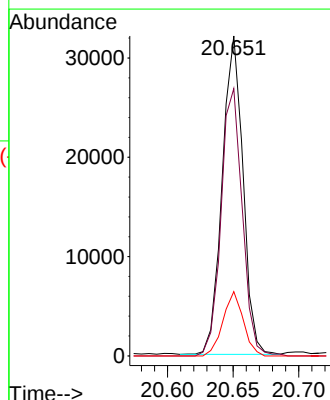
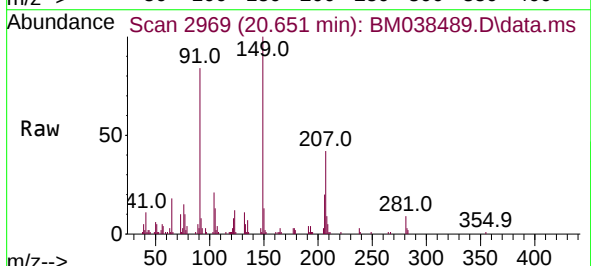
Delta R.T. -0.006 min

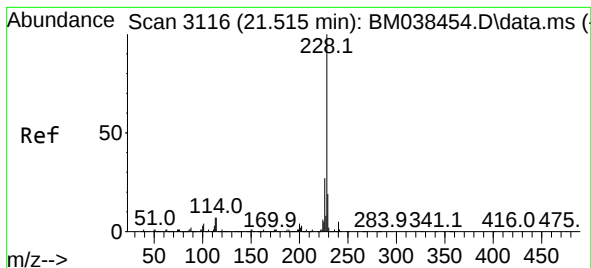
Lab File: BM038489.D

Acq: 19 Jan 2023 14:34

Tgt Ion:149 Resp: 35295

Ion	Ratio	Lower	Upper
149	100		
91	83.5	58.3	87.5
206	20.1	16.7	25.1





#81

Benzo(a)anthracene

Concen: 6.787 ng

RT: 21.503 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BM038489.D

Acq: 19 Jan 2023 14:34

Instrument :

BNA_M

ClientSampleId :

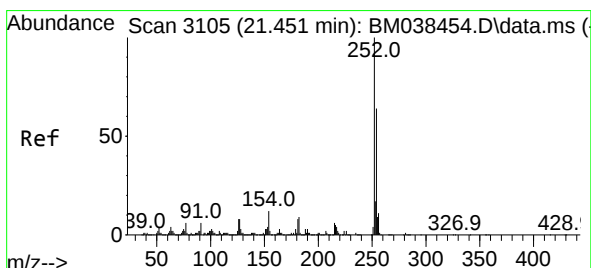
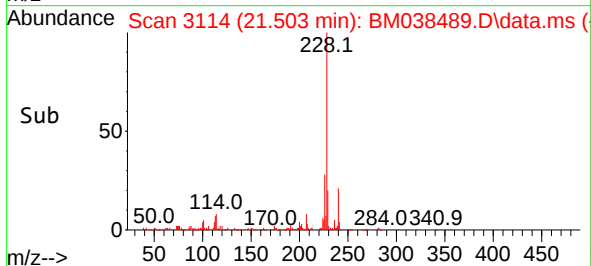
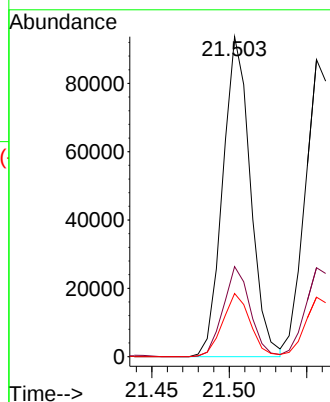
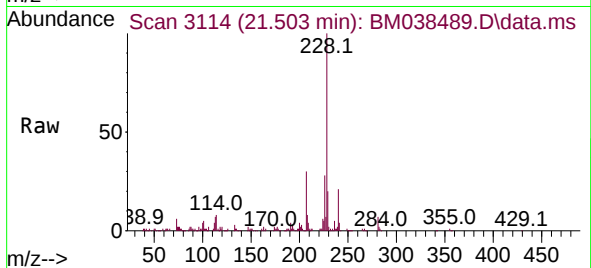
MDL-WATER-03-QT3-2022

Tgt Ion:228 Resp: 116004
 Ion Ratio Lower Upper
 228 100
 226 28.1 22.0 33.0
 229 19.7 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: 7.315 ng

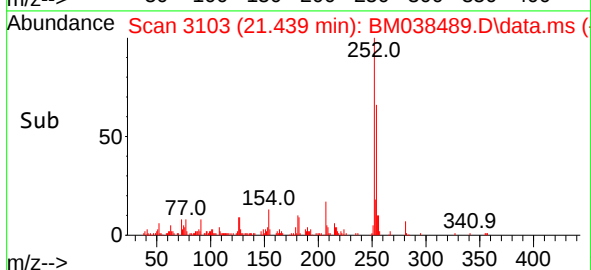
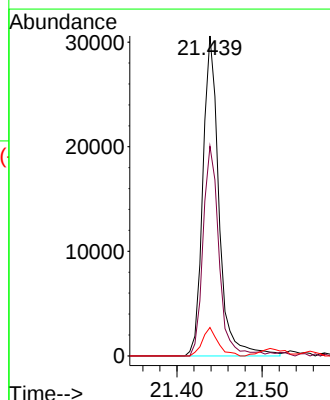
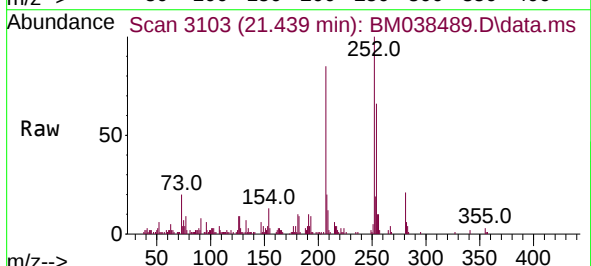
RT: 21.439 min Scan# 3103

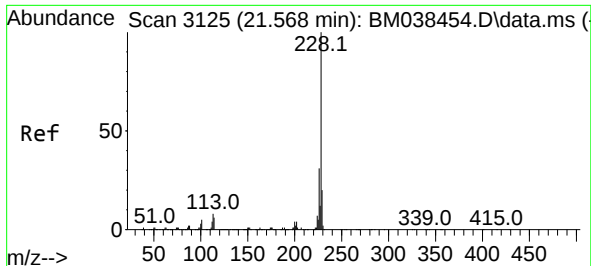
Delta R.T. -0.006 min

Lab File: BM038489.D

Acq: 19 Jan 2023 14:34

Tgt Ion:252 Resp: 40261
 Ion Ratio Lower Upper
 252 100
 254 65.5 51.2 76.8
 126 8.9 6.3 9.5





#83

Chrysene

Concen: 6.951 ng

RT: 21.556 min Scan# 3125

Delta R.T. -0.006 min

Lab File: BM038489.D

Acq: 19 Jan 2023 14:34

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2022

Tgt Ion:228 Resp: 115456

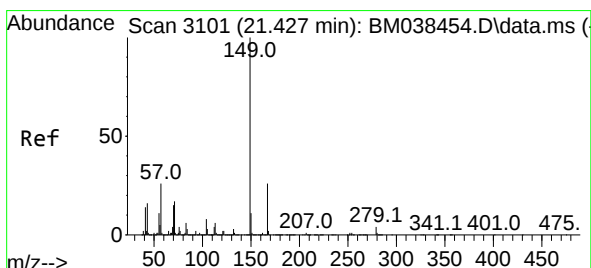
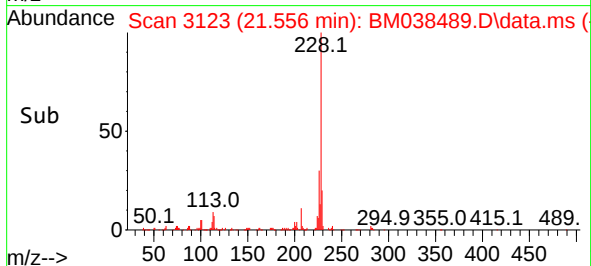
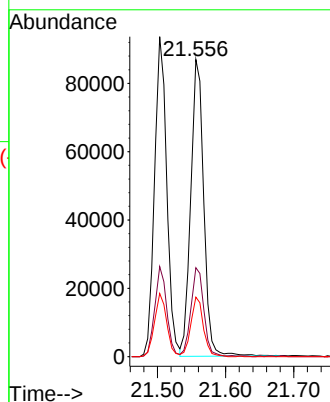
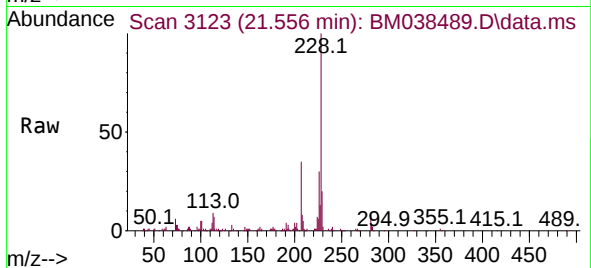
Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.6	36.8
229	20.0	16.1	24.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/20/2023

Supervised By :Jagrut Upadhyay 01/20/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 6.265 ng

RT: 21.415 min Scan# 3099

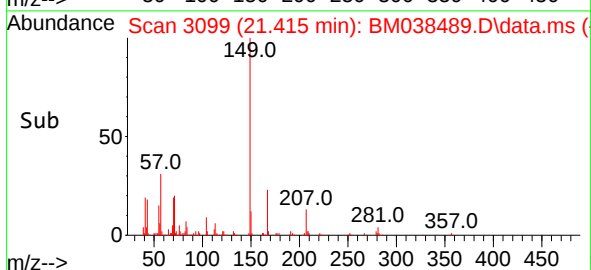
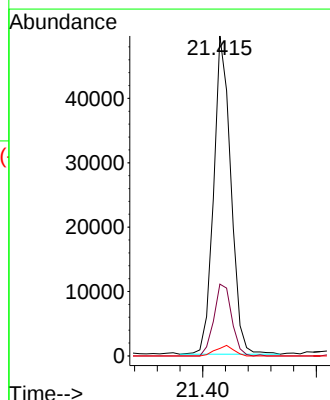
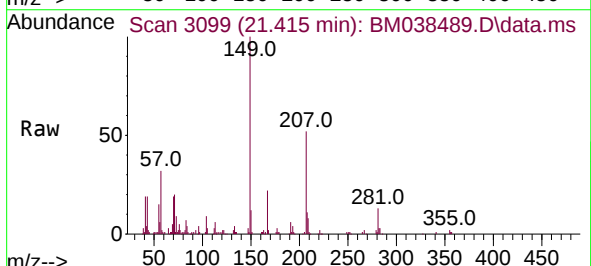
Delta R.T. -0.006 min

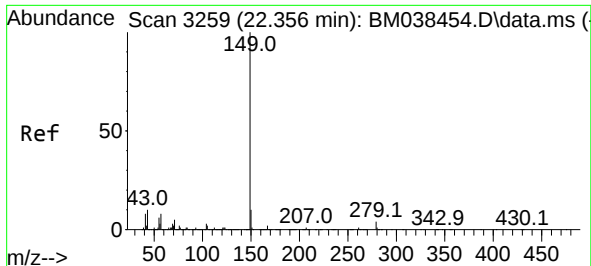
Lab File: BM038489.D

Acq: 19 Jan 2023 14:34

Tgt Ion:149 Resp: 52063

Ion	Ratio	Lower	Upper
149	100		
167	22.5	21.0	31.4
279	2.4	3.4	5.0





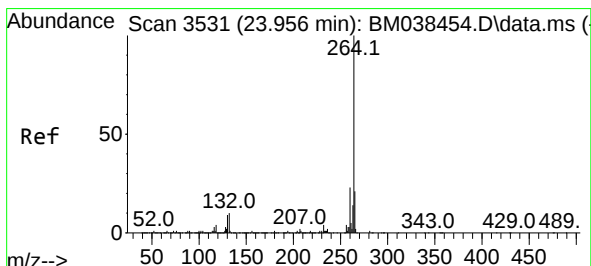
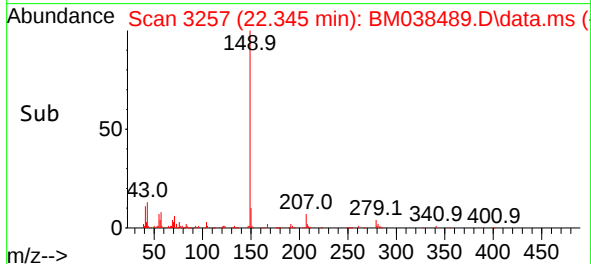
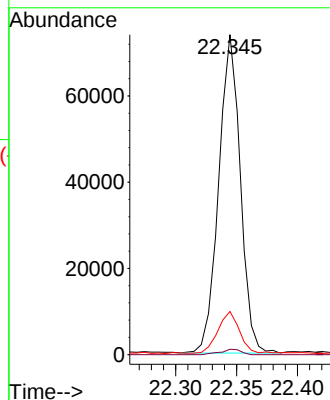
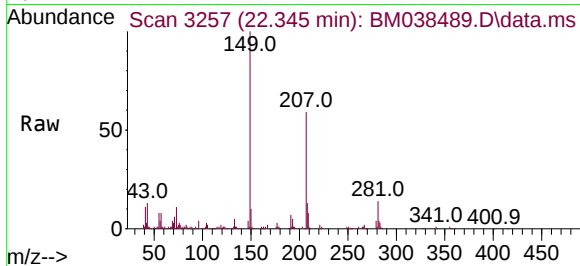
#85
Di-n-octyl phthalate
Concen: 6.232 ng
RT: 22.345 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM038489.D
Acq: 19 Jan 2023 14:34

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

Tgt Ion:149 Resp: 91124
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 13.5 8.4 12.6

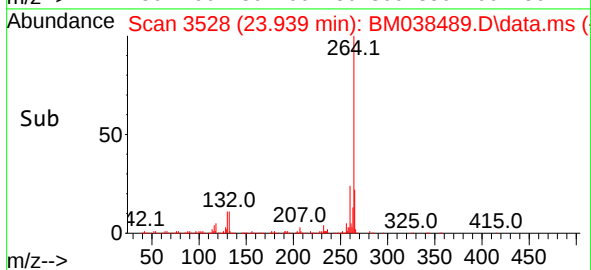
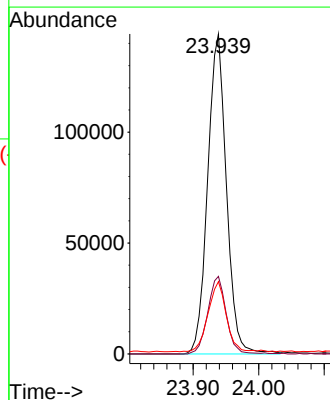
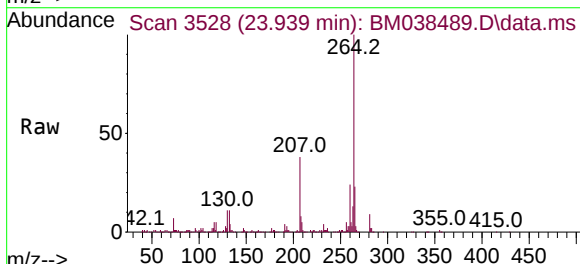
Manual Integrations
APPROVED

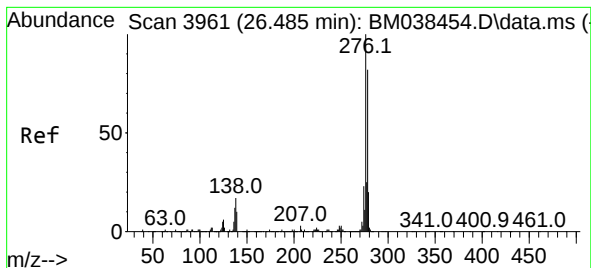
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.939 min Scan# 3528
Delta R.T. 0.000 min
Lab File: BM038489.D
Acq: 19 Jan 2023 14:34

Tgt Ion:264 Resp: 286527
Ion Ratio Lower Upper
264 100
260 24.2 18.2 27.4
265 22.6 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 6.685 ng

RT: 26.444 min Scan# 3954

Delta R.T. -0.023 min

Lab File: BM038489.D

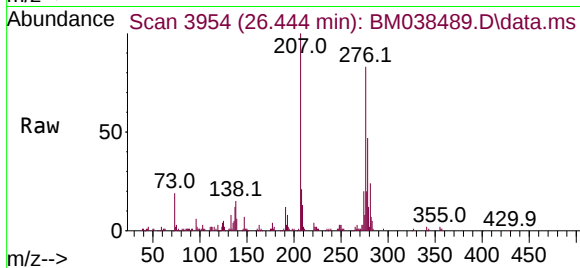
Acq: 19 Jan 2023 14:34

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2022



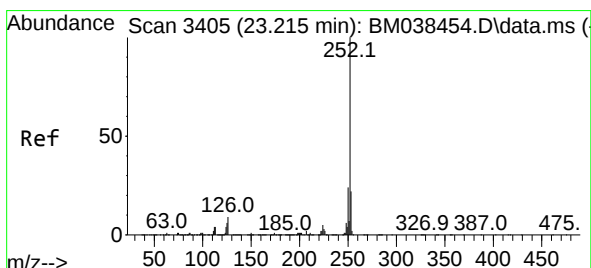
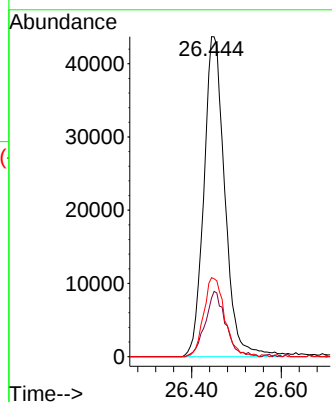
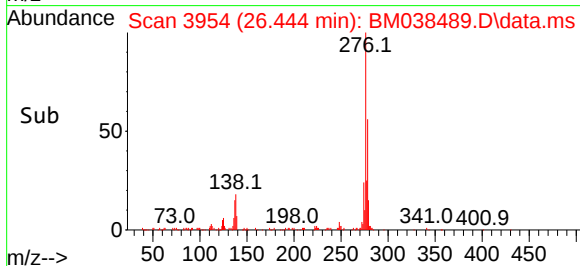
Tgt Ion: 276 Resp: 14175

Ion	Ratio	Lower	Upper
276	100		
138	19.8	13.4	20.2
277	24.8	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

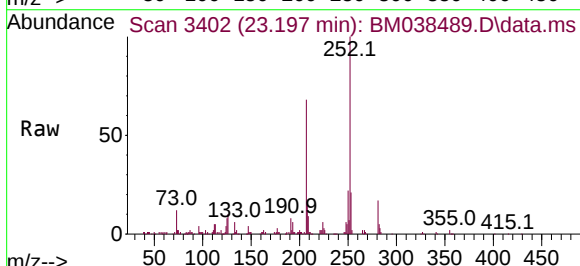
Concen: 6.931 ng

RT: 23.197 min Scan# 3402

Delta R.T. -0.006 min

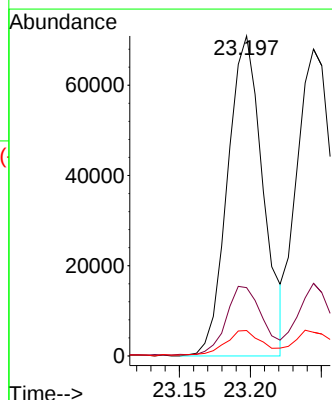
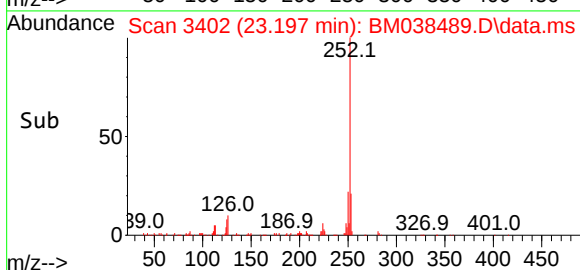
Lab File: BM038489.D

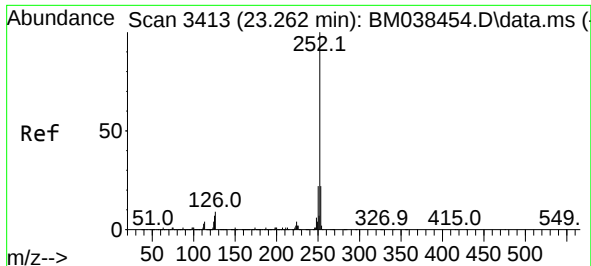
Acq: 19 Jan 2023 14:34



Tgt Ion: 252 Resp: 123140

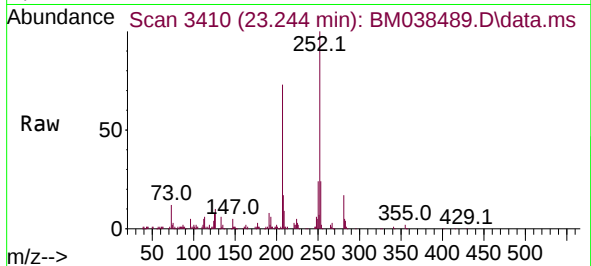
Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.8	26.6
125	7.9	5.1	7.7





#89
Benzo(k)fluoranthene
Concen: 6.753 ng
RT: 23.244 min Scan# 3413
Delta R.T. -0.012 min
Lab File: BM038489.D
Acq: 19 Jan 2023 14:34

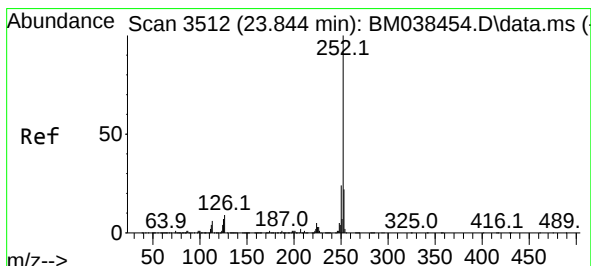
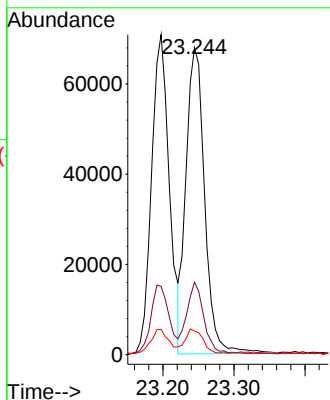
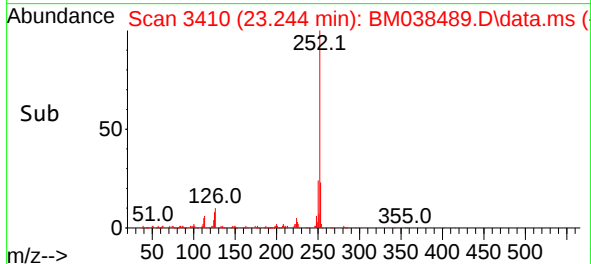
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2022



Tgt Ion:252 Resp: 124079
Ion Ratio Lower Upper
252 100
253 23.7 17.6 26.4
125 7.7 5.5 8.3

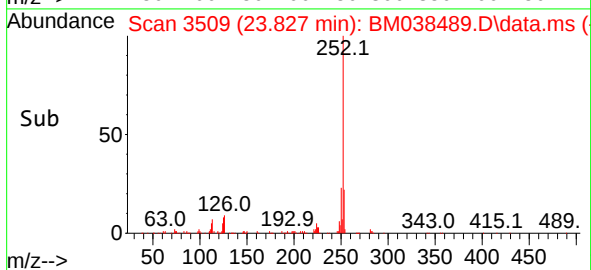
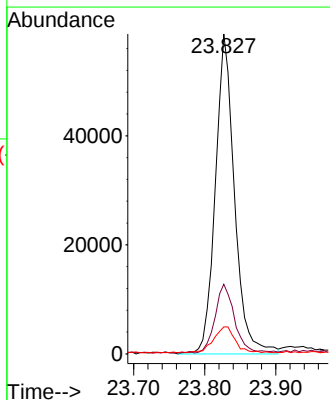
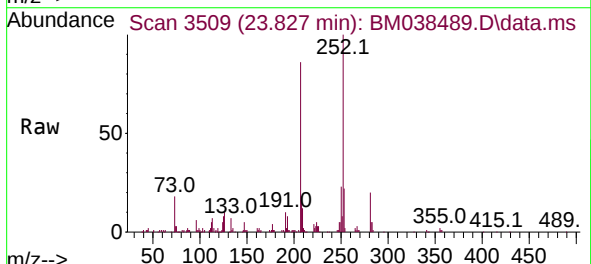
Manual Integrations
APPROVED

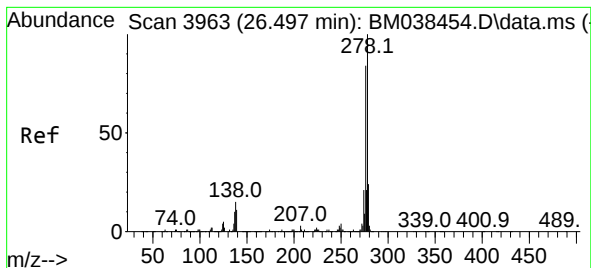
Reviewed By :Christian Giraldo 01/20/2023
Supervised By :Jagrut Upadhyay 01/20/2023



#90
Benzo(a)pyrene
Concen: 6.326 ng
RT: 23.827 min Scan# 3509
Delta R.T. -0.012 min
Lab File: BM038489.D
Acq: 19 Jan 2023 14:34

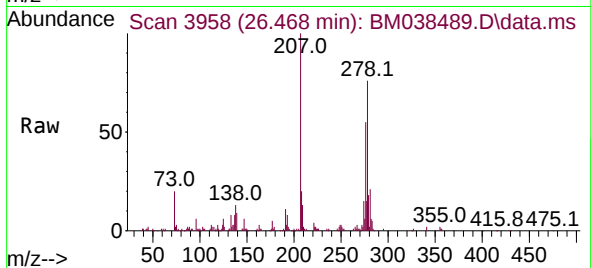
Tgt Ion:252 Resp: 110294
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 8.4 5.8 8.8





#91
Dibenzo(a,h)anthracene
Concen: 7.121 ng
RT: 26.468 min Scan# 3963
Delta R.T. -0.012 min
Lab File: BM038489.D
Acq: 19 Jan 2023 14:34

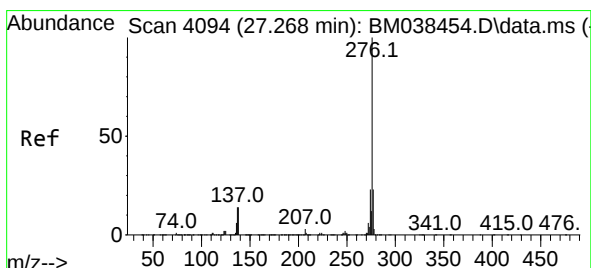
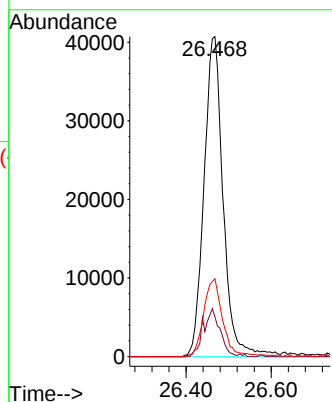
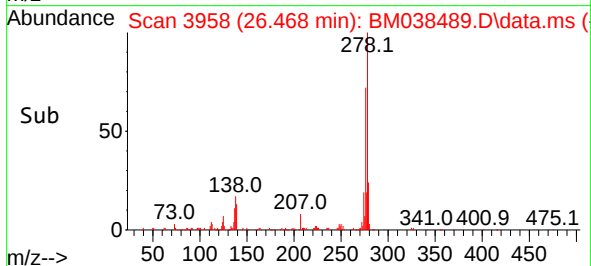
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2022



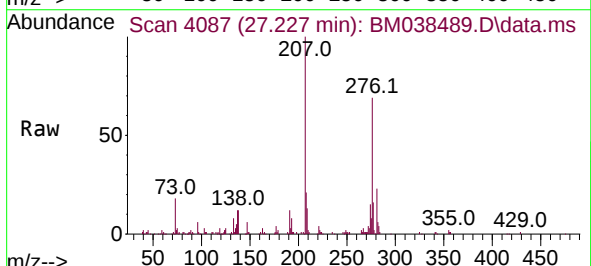
Tgt Ion: 278 Resp: 126718
Ion Ratio Lower Upper
278 100
139 12.5 8.4 12.6
279 24.3 19.0 28.6

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 7.293 ng
RT: 27.227 min Scan# 4087
Delta R.T. -0.023 min
Lab File: BM038489.D
Acq: 19 Jan 2023 14:34



Tgt Ion: 276 Resp: 128756
Ion Ratio Lower Upper
276 100
277 23.5 18.6 27.8
138 16.8 11.3 16.9

