

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071922\
 Data File : BG054320.D
 Acq On : 19 Jul 2022 16:26
 Operator : CG/JU
 Sample : N3214-09
 Misc : MDL-MDL-WATER 4ppm
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT2-2022

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/20/2022
 Supervised By : Jagrut Upadhyay 07/20/2022

Quant Time: Jul 19 16:58:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 19 14:41:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.994	152	16346	20.000	ng	0.00
21) Naphthalene-d8	10.802	136	57520	20.000	ng	# 0.00
39) Acenaphthene-d10	14.627	164	47116	20.000	ng	0.00
64) Phenanthrene-d10	17.371	188	130558	20.000	ng	# 0.00
76) Chrysene-d12	21.636	240	176087	20.000	ng	# 0.00
86) Perylene-d12	24.833	264	188410	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.561	112	89878	114.802	ng	0.00
7) Phenol-d6	7.159	99	125336	116.835	ng	-0.01
23) Nitrobenzene-d5	9.157	82	96844	91.687	ng	0.00
42) 2,4,6-Tribromophenol	16.113	330	122516	123.846	ng	-0.01
45) 2-Fluorobiphenyl	13.252	172	308828	92.466	ng	0.00
79) Terphenyl-d14	19.985	244	747359	84.198	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.428	88	1451m	4.659	ng	
3) Pyridine	3.845	79	2523m	3.193	ng	
4) n-Nitrosodimethylamine	3.757	42	1179	2.669	ng	# 57
6) Aniline	7.318	93	4825	3.897	ng	90
8) 2-Chlorophenol	7.559	128	3580	3.979	ng	92
9) Benzaldehyde	7.130	77	3204	5.317	ng	# 71
10) Phenol	7.189	94	3760	3.528	ng	78
11) bis(2-Chloroethyl)ether	7.406	93	2802	3.606	ng	97
12) 1,3-Dichlorobenzene	7.888	146	4461	4.069	ng	95
13) 1,4-Dichlorobenzene	8.029	146	4530	4.002	ng	90
14) 1,2-Dichlorobenzene	8.346	146	3815	3.574	ng	93
15) Benzyl Alcohol	8.229	79	2860	3.241	ng	# 85
16) 2,2'-oxybis(1-Chloropr...	8.522	45	3588	3.666	ng	93
17) 2-Methylphenol	8.446	107	2636	3.431	ng	98
18) Hexachloroethane	9.081	117	1286	3.431	ng	# 47
19) n-Nitroso-di-n-propyla...	8.793	70	2516	3.512	ng	# 94
20) 3+4-Methylphenols	8.775	107	3700	3.418	ng	89
22) Acetophenone	8.816	105	5399	3.903	ng	# 92
24) Nitrobenzene	9.198	77	4271	4.138	ng	92
25) Isophorone	9.721	82	7127	3.880	ng	# 93
26) 2-Nitrophenol	9.921	139	1674	3.217	ng	# 79
27) 2,4-Dimethylphenol	9.974	122	3339	4.645	ng	# 79
28) bis(2-Chloroethoxy)met...	10.197	93	3846	4.151	ng	99
29) 2,4-Dichlorophenol	10.461	162	3826	3.526	ng	84
30) 1,2,4-Trichlorobenzene	10.661	180	5772	4.296	ng	# 84
31) Naphthalene	10.849	128	11175	3.870	ng	99
33) 4-Chloroaniline	10.961	127	4238	3.609	ng	# 89
34) Hexachlorobutadiene	11.137	225	4662	3.926	ng	98
35) Caprolactam	11.713	113	837	3.064	ng	# 78
36) 4-Chloro-3-methylphenol	12.083	107	3647	3.695	ng	87
37) 2-Methylnaphthalene	12.453	142	8265	3.727	ng	92
38) 1-Methylnaphthalene	12.676	142	8203	3.797	ng	# 99
40) 1,2,4,5-Tetrachloroben...	12.823	216	8283	4.013	ng	# 93
43) 2,4,6-Trichlorophenol	13.070	196	3642	3.240	ng	89
44) 2,4,5-Trichlorophenol	13.146	196	4161	3.277	ng	# 80
46) 1,1'-Biphenyl	13.464	154	13067	4.054	ng	89

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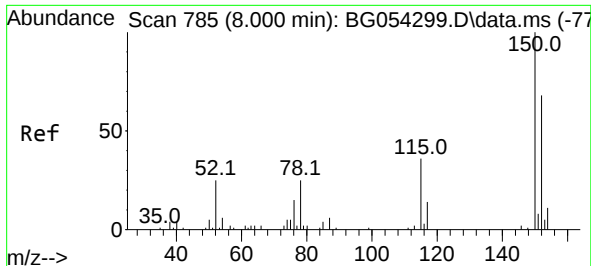
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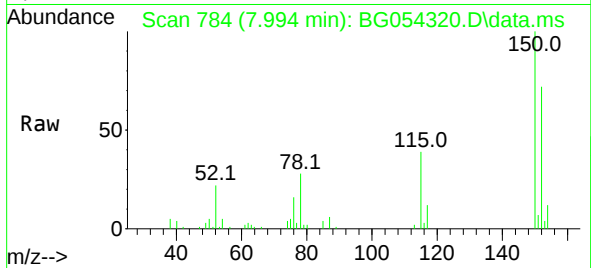
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Chloronaphthalene	13.505	162	10156	3.765	ng	94
48) 2-Nitroaniline	13.710	65	2577	3.660	ng #	82
49) Acenaphthylene	14.351	152	16504	4.117	ng	98
50) Dimethylphthalate	14.075	163	13969	3.796	ng #	97
51) 2,6-Dinitrotoluene	14.198	165	2949	3.653	ng	86
52) Acenaphthene	14.692	154	9550	3.935	ng	94
53) 3-Nitroaniline	14.533	138	2378	3.522	ng	86
55) Dibenzofuran	15.026	168	17156	3.972	ng	93
56) 4-Nitrophenol	14.856	139	1086	2.411	ng #	62
57) 2,4-Dinitrotoluene	14.991	165	4013	3.468	ng #	84
58) Fluorene	15.673	166	14020	3.948	ng	93
59) 2,3,4,6-Tetrachlorophenol	15.262	232	3679	2.976	ng #	81
60) Diethylphthalate	15.438	149	13421	3.801	ng #	93
61) 4-Chlorophenyl-phenyle...	15.661	204	9338	4.006	ng #	86
62) 4-Nitroaniline	15.690	138	2404	3.389	ng #	72
63) Azobenzene	15.955	77	9380	3.677	ng	85
65) 4,6-Dinitro-2-methylph...	15.761	198	1720	2.132	ng #	78
66) n-Nitrosodiphenylamine	15.873	169	12469	3.825	ng	95
67) 4-Bromophenyl-phenylether	16.560	248	7122	3.884	ng #	87
68) Hexachlorobenzene	16.683	284	8697	4.148	ng #	84
69) Atrazine	16.819	200	6181	4.261	ng	99
71) Phenanthrene	17.412	178	24694	3.798	ng	97
72) Anthracene	17.506	178	24923	3.906	ng	99
73) Carbazole	17.776	167	21412	4.076	ng #	96
74) Di-n-butylphthalate	18.328	149	22681	3.659	ng	98
75) Fluoranthene	19.427	202	34513	3.894	ng	95
77) Benzidine	19.603	184	16165	5.069	ng	98
78) Pyrene	19.786	202	36145	3.577	ng	98
80) Butylbenzylphthalate	20.667	149	10236	3.251	ng #	81
81) Benzo(a)anthracene	21.619	228	42973	3.844	ng	99
82) 3,3'-Dichlorobenzidine	21.531	252	16556	4.762	ng #	98
83) Chrysene	21.683	228	39248	3.716	ng	98
84) Bis(2-ethylhexyl)phtha...	21.519	149	14946	3.355	ng	98
85) Di-n-octyl phthalate	22.717	149	26948	3.545	ng #	95
87) Indeno(1,2,3-cd)pyrene	28.499	276	50655	3.534	ng #	83
88) Benzo(b)fluoranthene	23.816	252	43449	3.899	ng #	96
89) Benzo(k)fluoranthene	23.887	252	42544	3.837	ng #	98
90) Benzo(a)pyrene	24.680	252	41440	4.355	ng #	98
91) Dibenzo(a,h)anthracene	28.540	278	45415	3.853	ng #	96
92) Benzo(g,h,i)perylene	29.633	276	43091	3.704	ng #	89

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.994 min Scan# 7
Delta R.T. -0.006 min
Lab File: BG054320.D
Acq: 19 Jul 2022 16:26

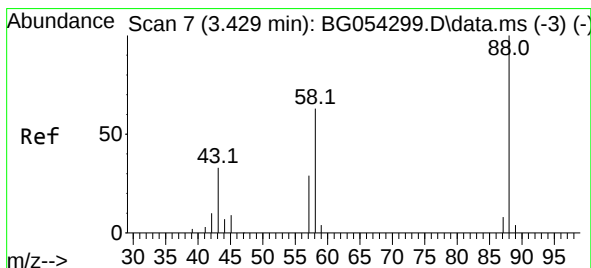
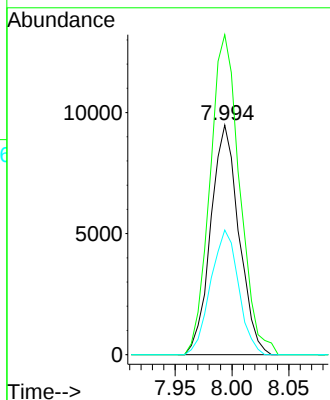
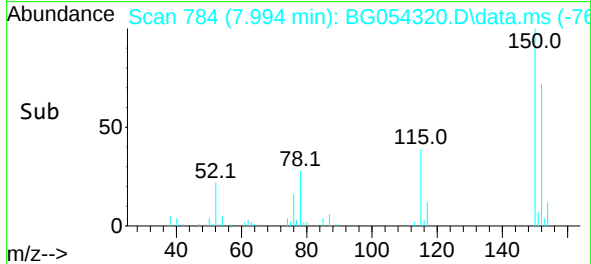
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT2-2022



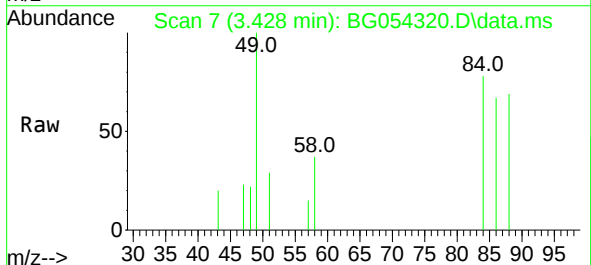
Tgt Ion:152 Resp: 16340
Ion Ratio Lower Upper
152 100
150 139.4 131.6 197.4
115 54.3 50.9 76.3

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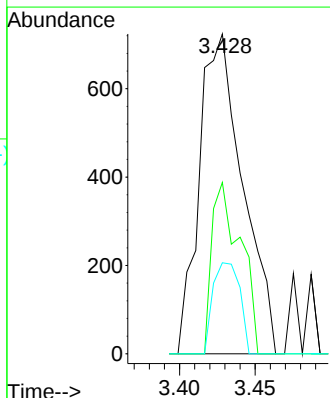
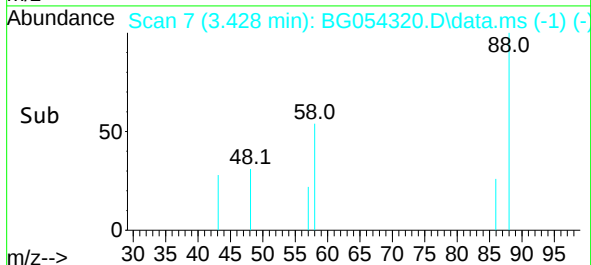
Reviewed By :Christian Giraldo 07/20/2022
Supervised By :Jagrut Upadhyay 07/20/2022



#2
1,4-Dioxane
Concen: 4.659 ng m
RT: 3.428 min Scan# 7
Delta R.T. -0.000 min
Lab File: BG054320.D
Acq: 19 Jul 2022 16:26



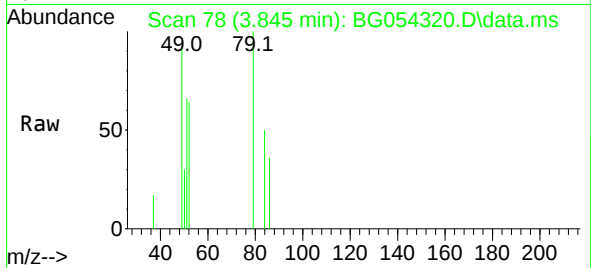
Tgt Ion: 88 Resp: 1451
Ion Ratio Lower Upper
88 100
58 35.2 59.2 88.8#
43 17.4 24.3 36.5#





#3
Pyridine
Concen: 3.193 ng m
RT: 3.845 min Scan# 71
Delta R.T. 0.011 min
Lab File: BG054320.D
Acq: 19 Jul 2022 16:26

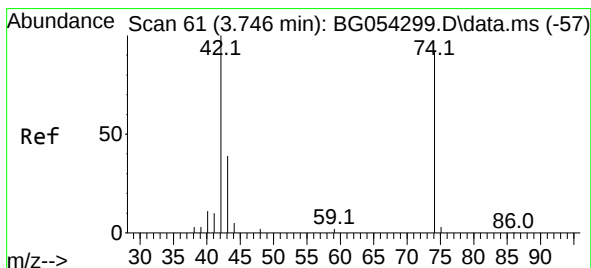
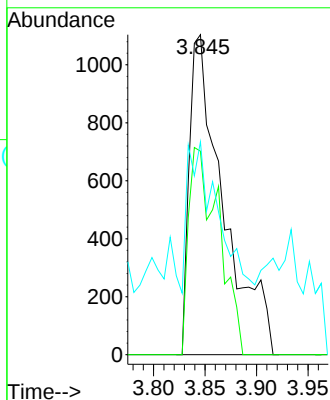
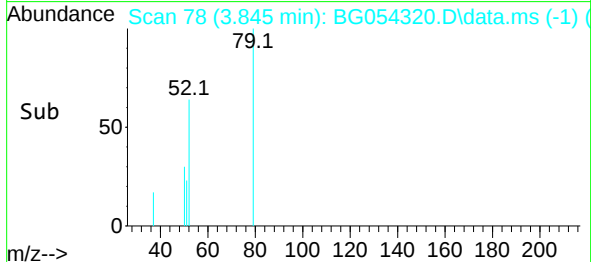
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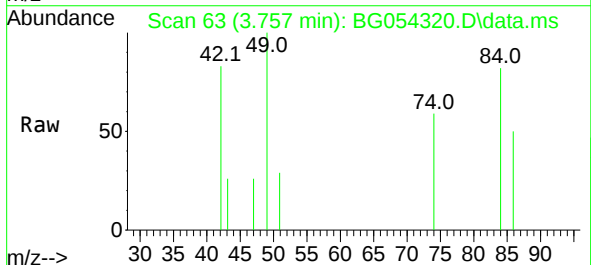
Tgt Ion: 79 Resp: 252
Ion Ratio Lower Upper
79 100
52 63.6 54.6 81.8
51 66.5 32.5 48.7

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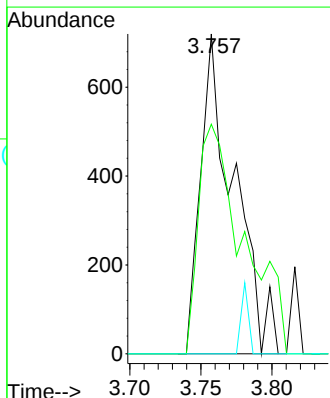
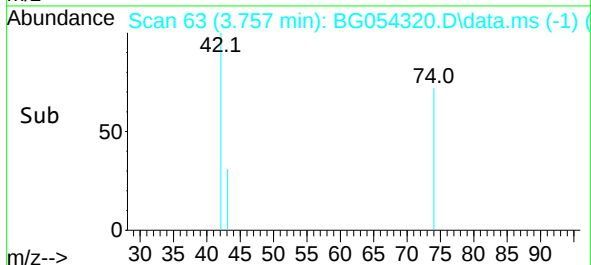
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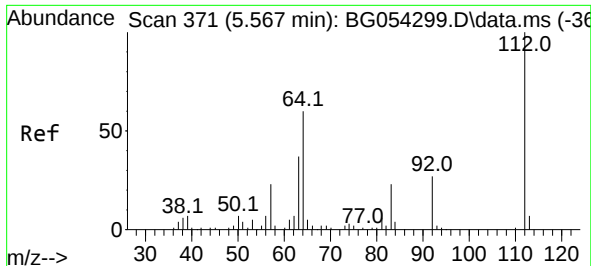


#4
n-Nitrosodimethylamine
Concen: 2.669 ng
RT: 3.757 min Scan# 63
Delta R.T. 0.011 min
Lab File: BG054320.D
Acq: 19 Jul 2022 16:26



Tgt Ion: 42 Resp: 1179
Ion Ratio Lower Upper
42 100
74 71.8 97.0 145.4#
44 0.0 7.0 10.4#





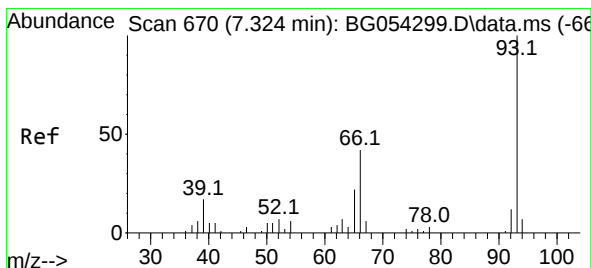
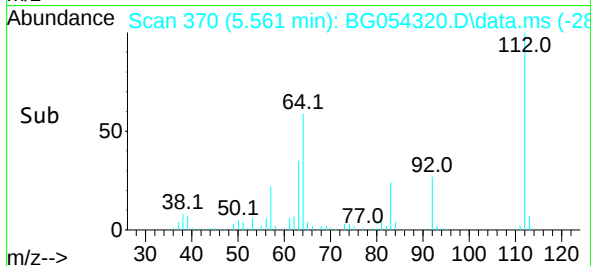
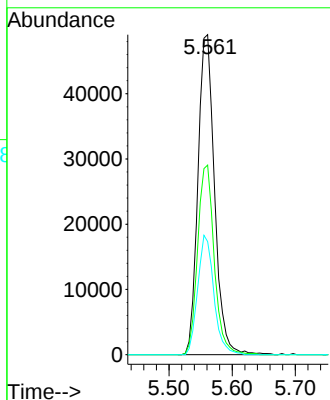
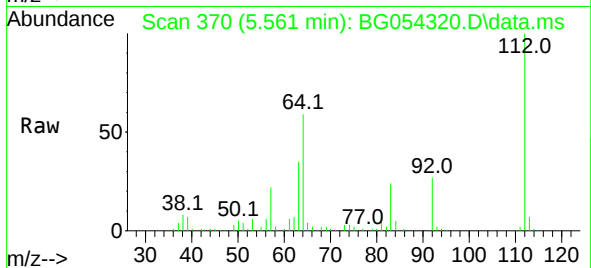
#5
2-Fluorophenol
Concen: 114.802 ng
RT: 5.561 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG054320.D
Acq: 19 Jul 2022 16:26

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2022

Tgt Ion:112 Resp: 89878
Ion Ratio Lower Upper
112 100
64 59.3 55.1 82.7
63 35.4 30.4 45.6

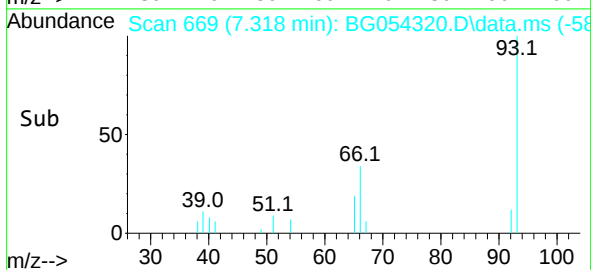
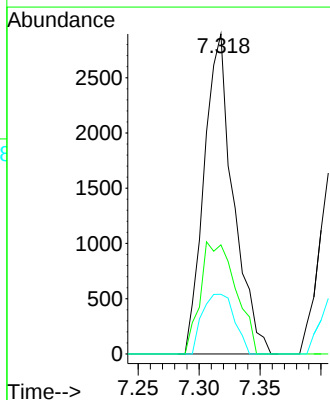
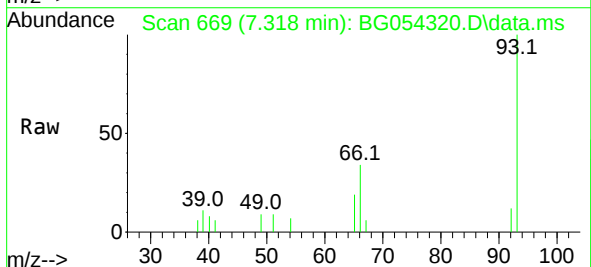
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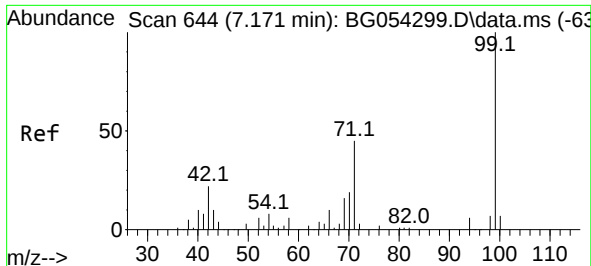
Reviewed By :Christian Giraldo 07/20/2022
Supervised By :Jagrut Upadhyay 07/20/2022



#6
Aniline
Concen: 3.897 ng
RT: 7.318 min Scan# 669
Delta R.T. -0.006 min
Lab File: BG054320.D
Acq: 19 Jul 2022 16:26

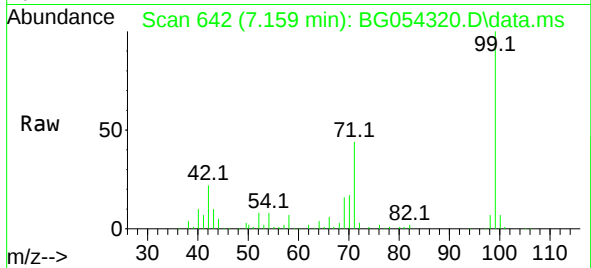
Tgt Ion: 93 Resp: 4825
Ion Ratio Lower Upper
93 100
66 34.1 32.9 49.3
65 18.6 17.8 26.8





#7
Phenol-d6
Concen: 116.835 ng
RT: 7.159 min Scan# 644
Delta R.T. -0.012 min
Lab File: BG054320.D
Acq: 19 Jul 2022 16:26

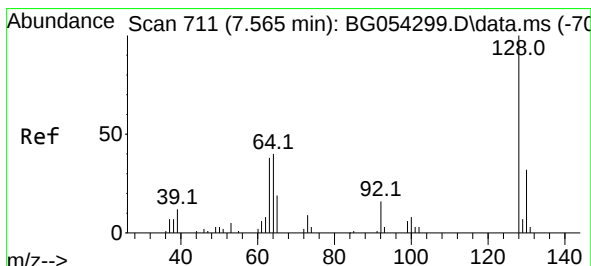
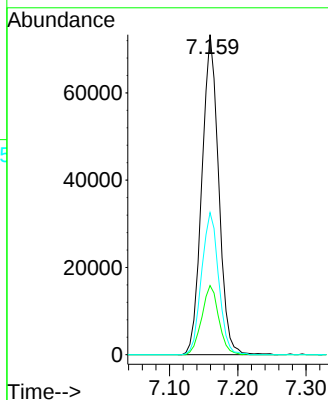
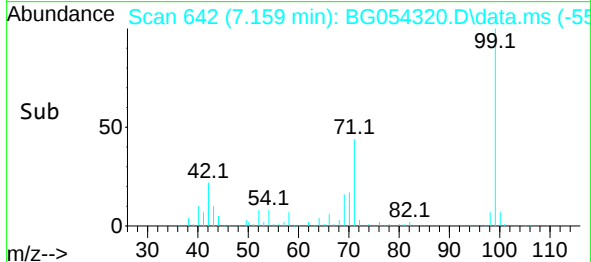
Instrument :
BNA_G
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Tgt Ion: 99 Resp: 125330
Ion Ratio Lower Upper
99 100
42 21.6 17.0 25.6
71 44.4 33.8 50.8

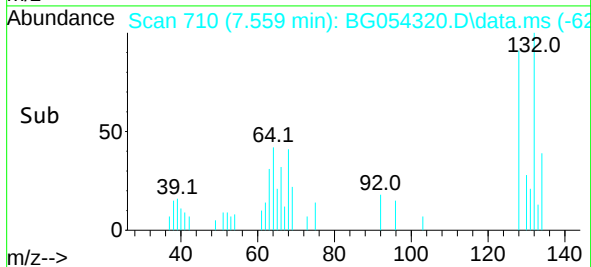
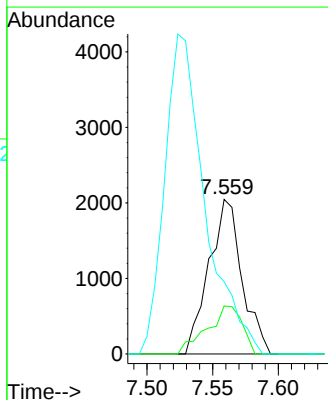
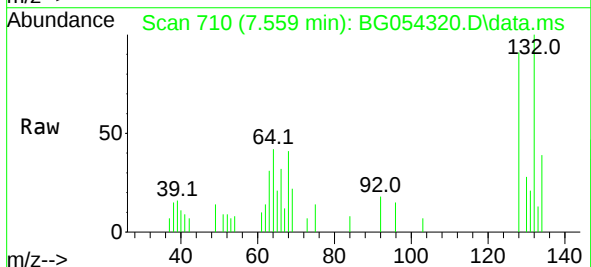
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#8
2-Chlorophenol
Concen: 3.979 ng
RT: 7.559 min Scan# 710
Delta R.T. -0.006 min
Lab File: BG054320.D
Acq: 19 Jul 2022 16:26

Tgt Ion:128 Resp: 3580
Ion Ratio Lower Upper
128 100
130 31.1 10.5 50.5
64 46.7 35.1 75.1





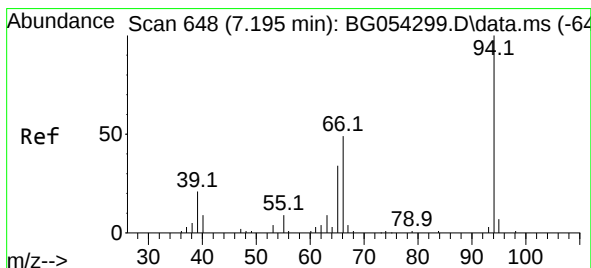
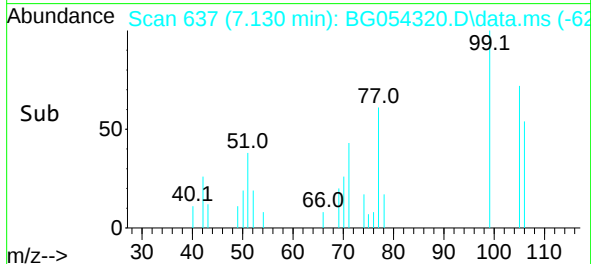
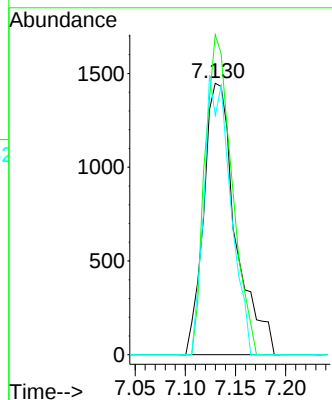
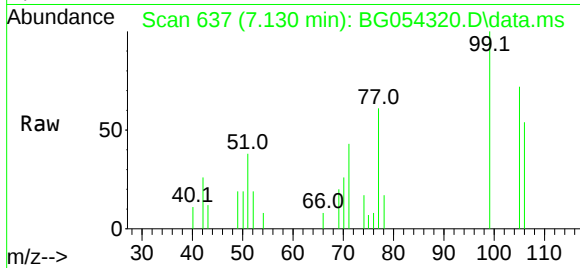
#9
Benzaldehyde
Concen: 5.317 ng
RT: 7.130 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG054320.D
Acq: 19 Jul 2022 16:26

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2022

Tgt Ion: 77 Resp: 3204
Ion Ratio Lower Upper
77 100
105 117.9 59.6 99.6
106 88.1 56.8 96.8

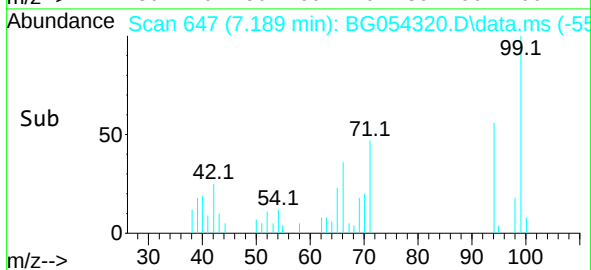
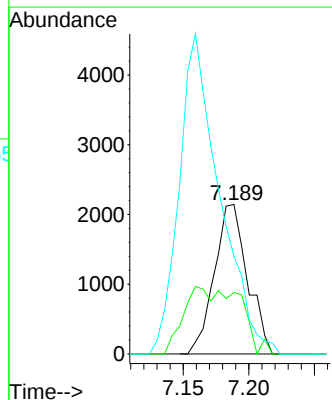
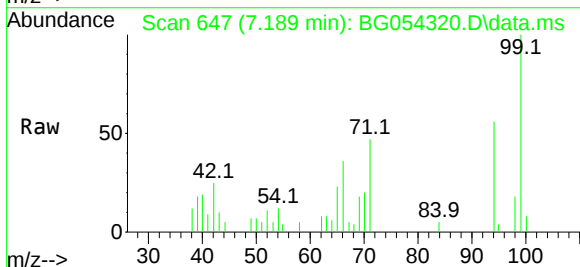
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#10
Phenol
Concen: 3.528 ng
RT: 7.189 min Scan# 647
Delta R.T. -0.006 min
Lab File: BG054320.D
Acq: 19 Jul 2022 16:26

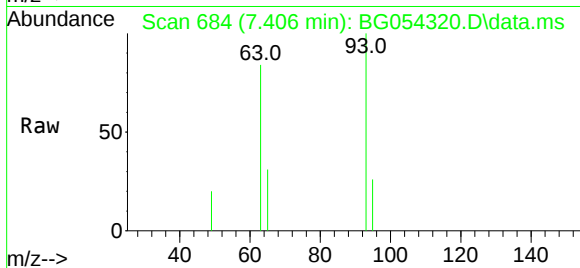
Tgt Ion: 94 Resp: 3760
Ion Ratio Lower Upper
94 100
65 41.1 14.8 54.8
66 65.2 25.2 65.2





#11
bis(2-Chloroethyl)ether
Concen: 3.606 ng
RT: 7.406 min Scan# 684
Delta R.T. -0.012 min
Lab File: BG054320.D
Acq: 19 Jul 2022 16:26

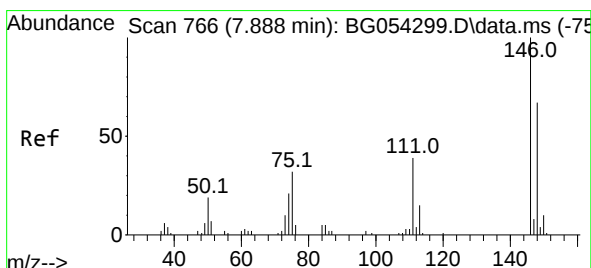
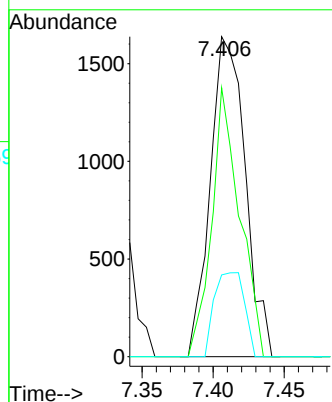
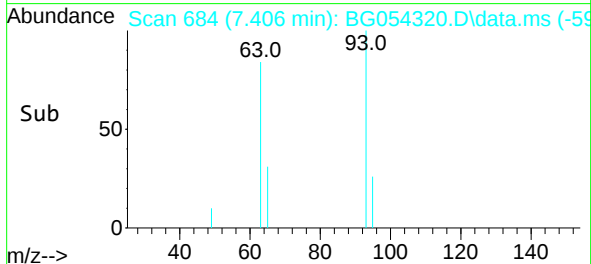
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion: 93 Resp: 280
Ion Ratio Lower Upper
93 100
63 84.0 63.6 103.6
95 25.6 10.1 50.1

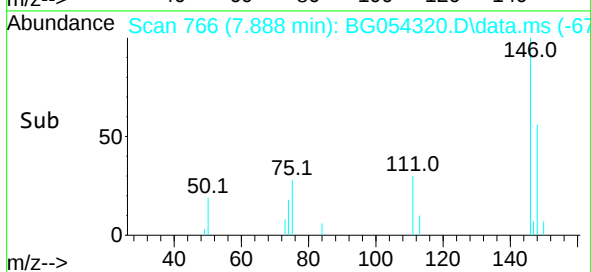
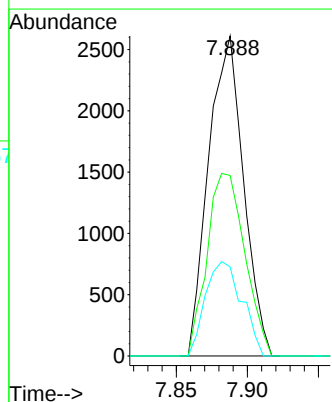
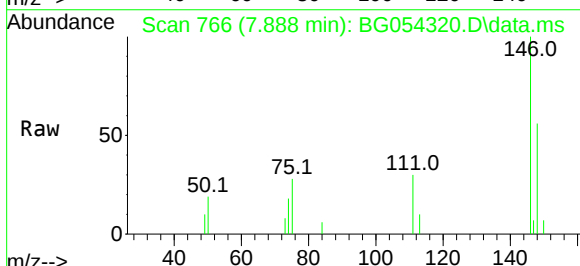
Manual Integrations
APPROVED

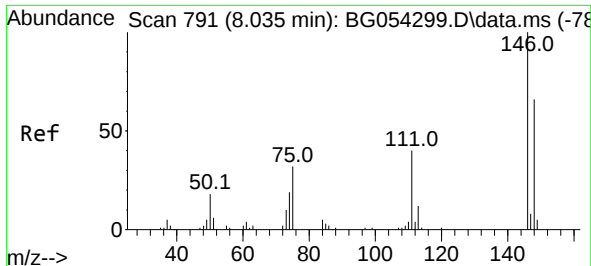
Reviewed By :Christian Giraldo 07/20/2022
Supervised By :Jagrut Upadhyay 07/20/2022



#12
1,3-Dichlorobenzene
Concen: 4.069 ng
RT: 7.888 min Scan# 766
Delta R.T. -0.000 min
Lab File: BG054320.D
Acq: 19 Jul 2022 16:26

Tgt Ion:146 Resp: 4461
Ion Ratio Lower Upper
146 100
148 56.4 46.1 69.1
75 27.9 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 4.002 ng

RT: 8.029 min Scan# 791

Delta R.T. -0.006 min

Lab File: BG054320.D

Acq: 19 Jul 2022 16:26

Instrument :

BNA_G

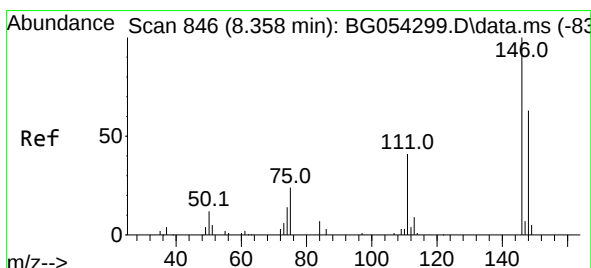
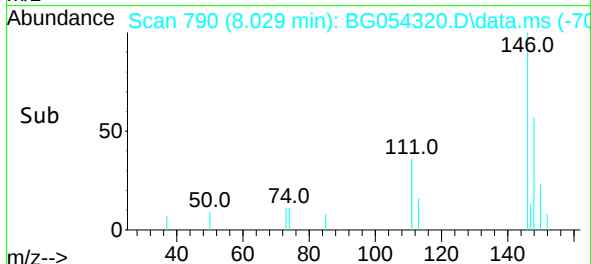
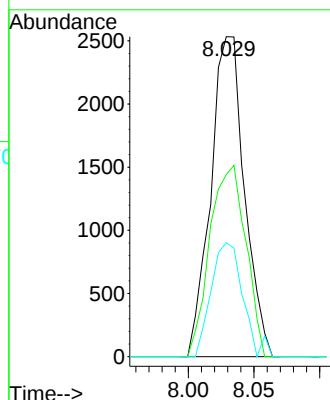
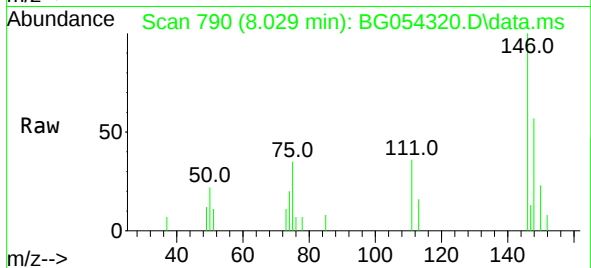
ClientSampleId :

MDL-WATER-03-QT2-2022

Tgt Ion:146 Resp: 4530
 Ion Ratio Lower Upper
 146 100
 148 56.9 51.5 77.3
 111 35.6 33.9 50.9

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 07/20/2022
 Supervised By :Jagrut Upadhyay 07/20/2022



#14

1,2-Dichlorobenzene

Concen: 3.574 ng

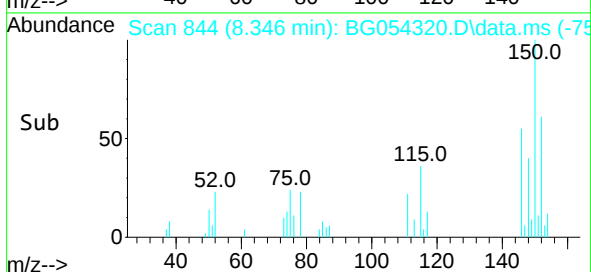
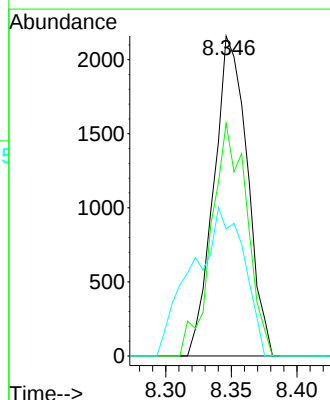
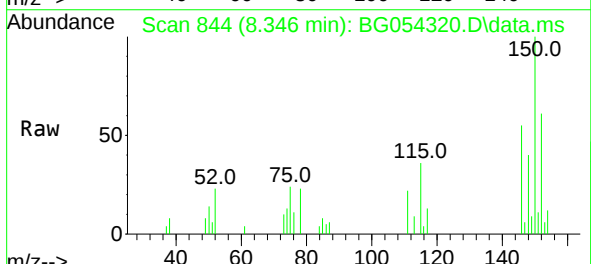
RT: 8.346 min Scan# 844

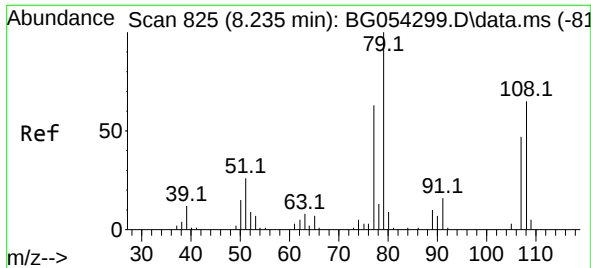
Delta R.T. -0.012 min

Lab File: BG054320.D

Acq: 19 Jul 2022 16:26

Tgt Ion:146 Resp: 3815
 Ion Ratio Lower Upper
 146 100
 148 72.7 52.6 78.8
 111 39.7 34.5 51.7





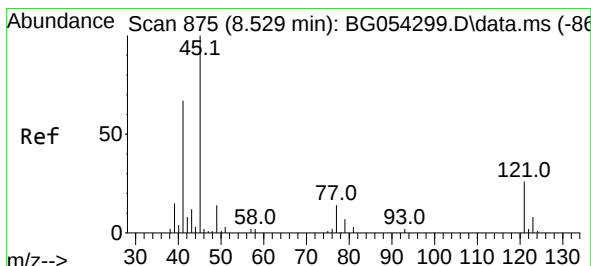
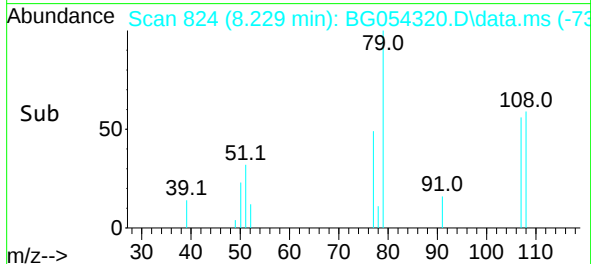
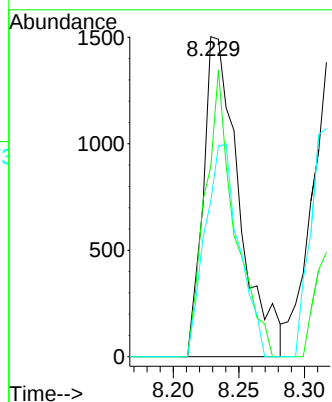
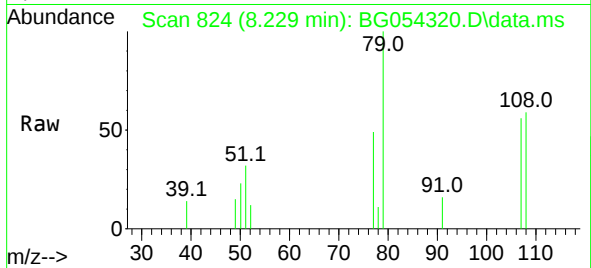
#15
Benzyl Alcohol
Concen: 3.241 ng
RT: 8.229 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG054320.D
Acq: 19 Jul 2022 16:26

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2022

Tgt Ion: 79 Resp: 2860
Ion Ratio Lower Upper
79 100
108 59.3 53.7 80.5
77 48.6 52.2 78.4

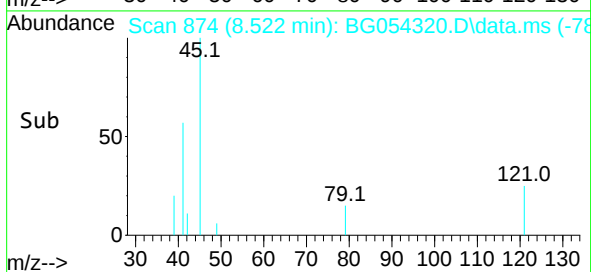
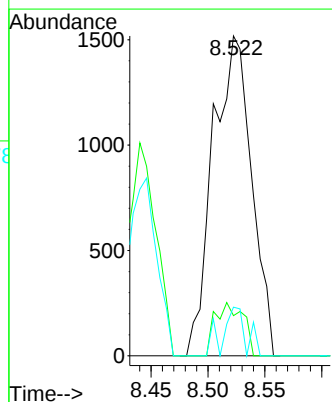
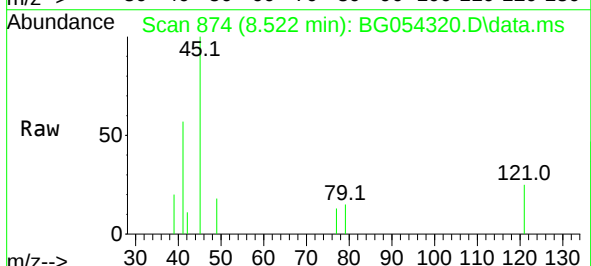
Manual Integrations
APPROVED

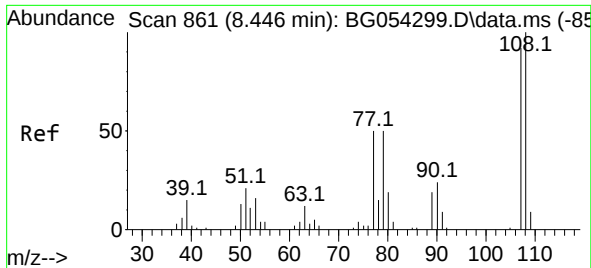
Reviewed By :Christian Giraldo 07/20/2022
Supervised By :Jagrut Upadhyay 07/20/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.666 ng
RT: 8.522 min Scan# 874
Delta R.T. -0.006 min
Lab File: BG054320.D
Acq: 19 Jul 2022 16:26

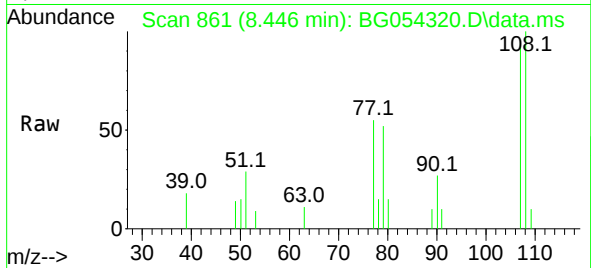
Tgt Ion: 45 Resp: 3588
Ion Ratio Lower Upper
45 100
77 12.6 0.0 32.7
79 15.2 0.0 29.7





#17
2-Methylphenol
Concen: 3.431 ng
RT: 8.446 min Scan# 861
Delta R.T. -0.000 min
Lab File: BG054320.D
Acq: 19 Jul 2022 16:26

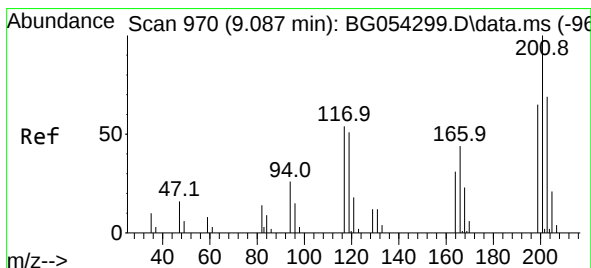
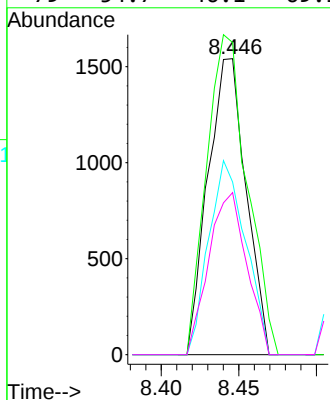
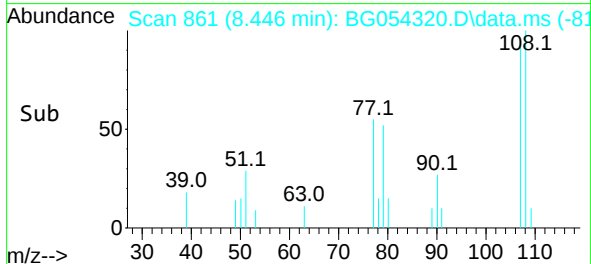
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2022



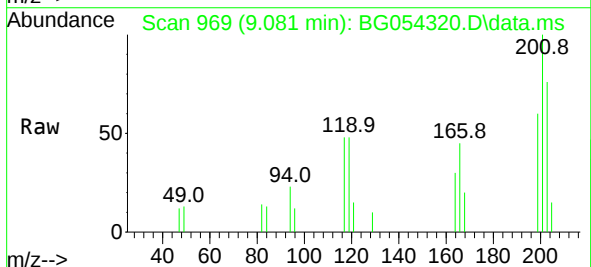
Tgt Ion:107 Resp: 2630
Ion Ratio Lower Upper
107 100
108 105.4 85.4 128.0
77 58.3 46.2 69.2
79 54.7 46.1 69.1

Manual Integrations
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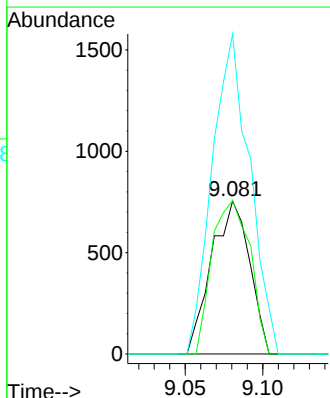
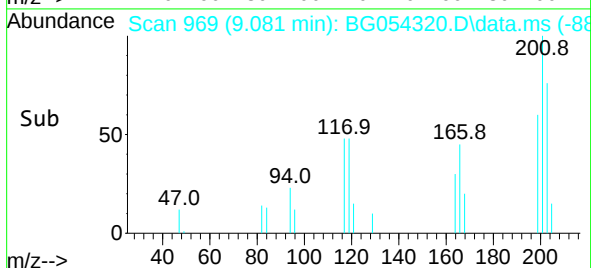
Reviewed By :Christian Giraldo 07/20/2022
Supervised By :Jagrut Upadhyay 07/20/2022



#18
Hexachloroethane
Concen: 3.431 ng
RT: 9.081 min Scan# 969
Delta R.T. -0.006 min
Lab File: BG054320.D
Acq: 19 Jul 2022 16:26



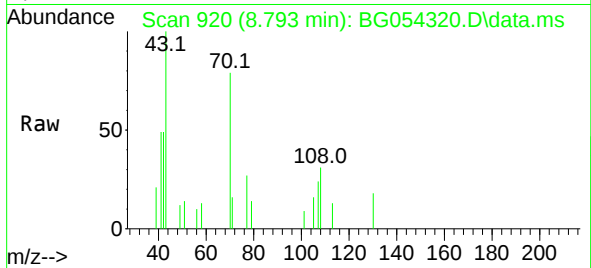
Tgt Ion:117 Resp: 1286
Ion Ratio Lower Upper
117 100
119 100.4 75.0 112.6
201 209.1 89.0 133.6#





#19
n-Nitroso-di-n-propylamine
Concen: 3.512 ng
RT: 8.793 min Scan# 919
Delta R.T. -0.012 min
Lab File: BG054320.D
Acq: 19 Jul 2022 16:26

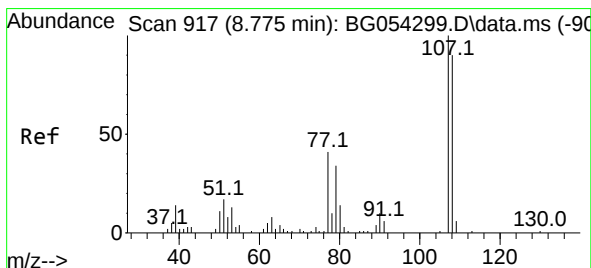
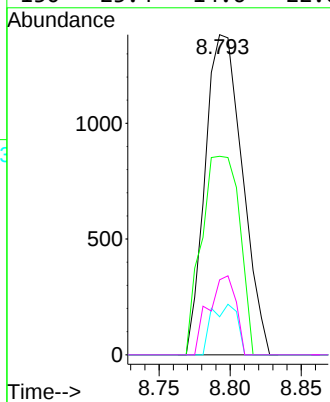
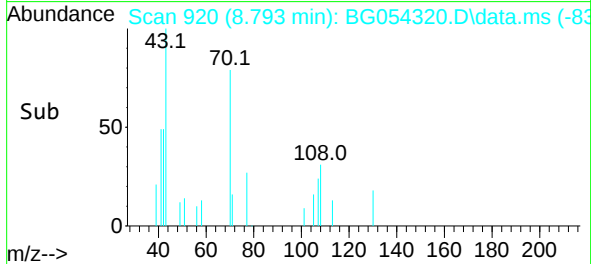
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion: 70 Resp: 2510
Ion Ratio Lower Upper
70 100
42 62.0 47.3 70.9
101 11.9 7.0 10.4
130 23.4 14.6 22.0#

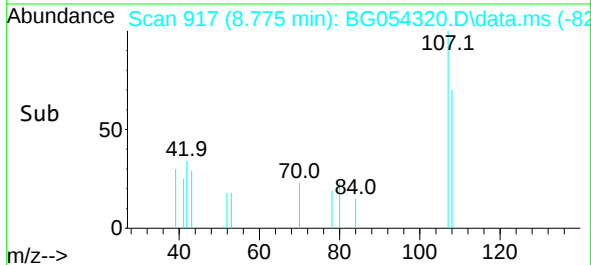
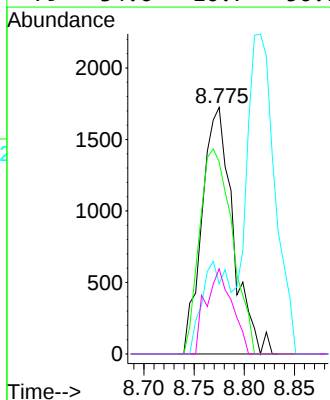
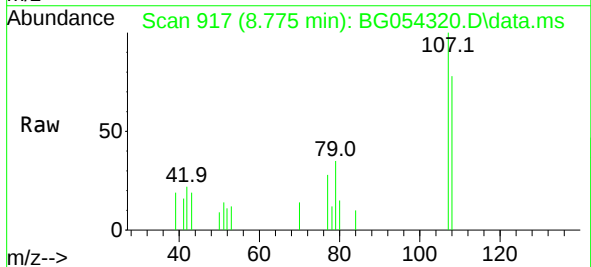
Manual Integrations
APPROVED

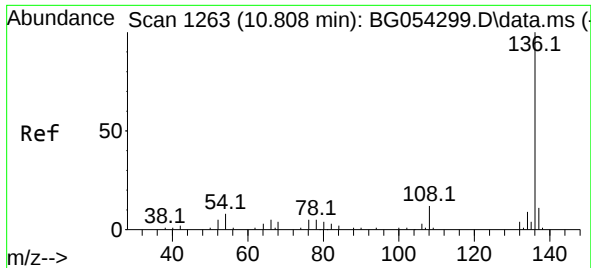
Reviewed By :Christian Giraldo 07/20/2022
Supervised By :Jagrut Upadhyay 07/20/2022



#20
3+4-Methylphenols
Concen: 3.418 ng
RT: 8.775 min Scan# 917
Delta R.T. -0.000 min
Lab File: BG054320.D
Acq: 19 Jul 2022 16:26

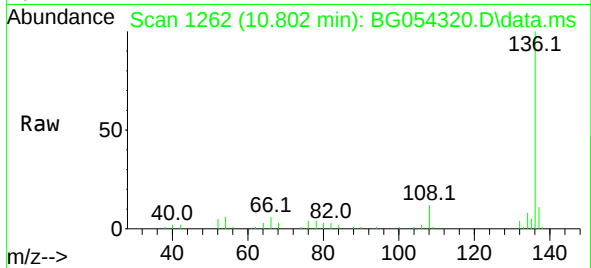
Tgt Ion:107 Resp: 3700
Ion Ratio Lower Upper
107 100
108 78.0 67.5 107.5
77 28.5 20.3 60.3
79 34.6 16.7 56.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.802 min Scan# 1262
Delta R.T. -0.006 min
Lab File: BG054320.D
Acq: 19 Jul 2022 16:26

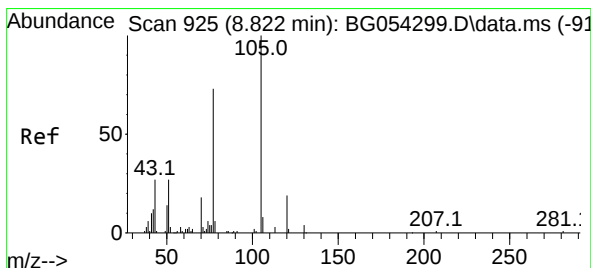
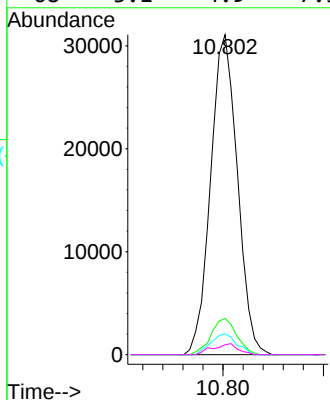
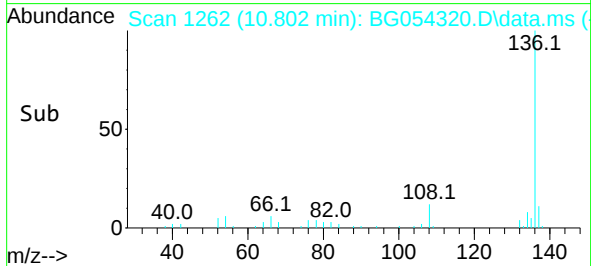
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2022



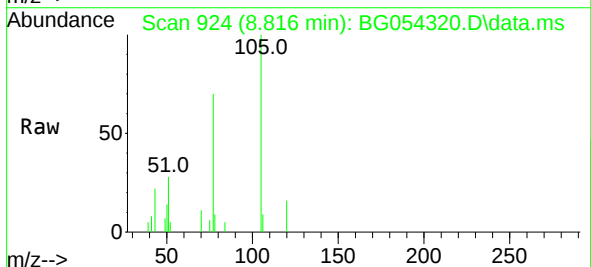
Tgt Ion:136 Resp: 57520
Ion Ratio Lower Upper
136 100
137 11.3 8.5 12.7
54 6.5 7.4 11.2
68 3.1 4.9 7.3#

Manual Integrations
APPROVED

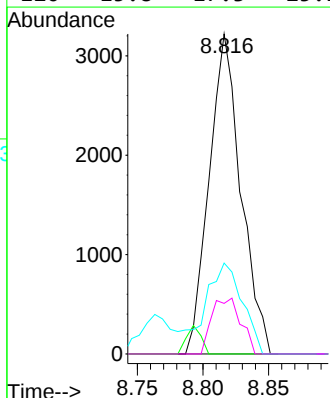
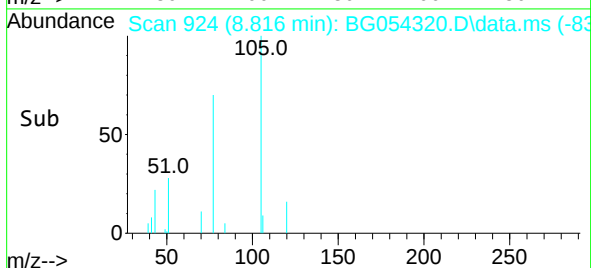
Reviewed By :Christian Giraldo 07/20/2022
Supervised By :Jagrut Upadhyay 07/20/2022

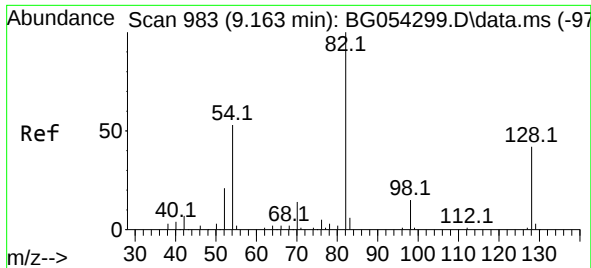


#22
Acetophenone
Concen: 3.903 ng
RT: 8.816 min Scan# 924
Delta R.T. -0.006 min
Lab File: BG054320.D
Acq: 19 Jul 2022 16:26



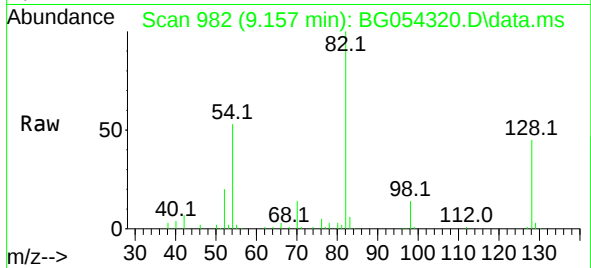
Tgt Ion:105 Resp: 5399
Ion Ratio Lower Upper
105 100
71 0.0 1.1 1.7#
51 28.4 25.4 38.0
120 15.8 17.3 25.9#





#23
Nitrobenzene-d5
Concen: 91.687 ng
RT: 9.157 min Scan# 91
Delta R.T. -0.006 min
Lab File: BG054320.D
Acq: 19 Jul 2022 16:26

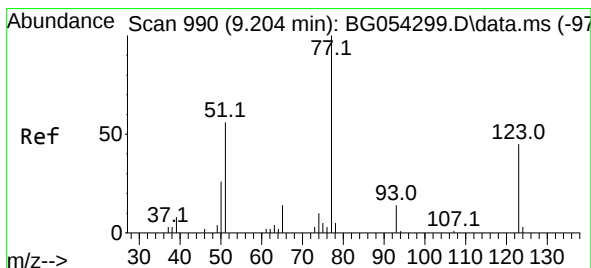
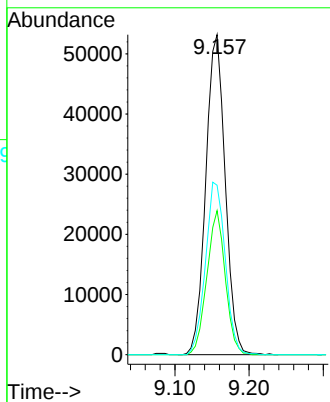
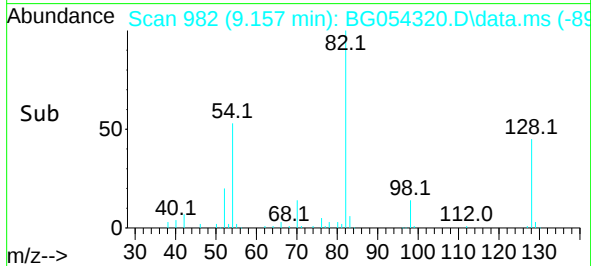
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2022



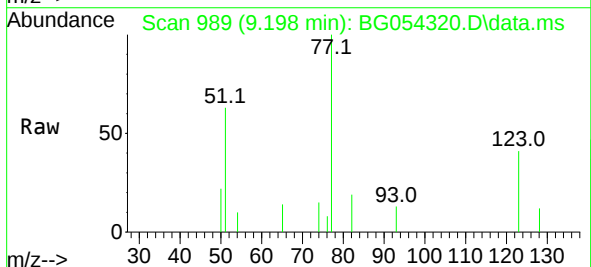
Tgt Ion: 82 Resp: 96844
Ion Ratio Lower Upper
82 100
128 45.0 27.9 41.9
54 53.0 41.2 61.8

Manual Integrations
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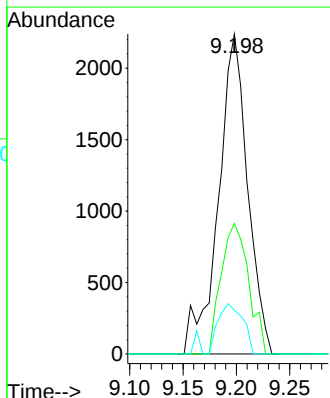
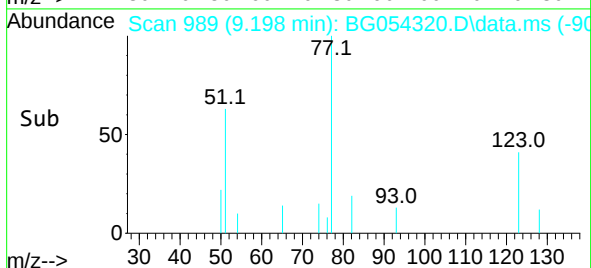
Reviewed By :Christian Giraldo 07/20/2022
Supervised By :Jagrut Upadhyay 07/20/2022

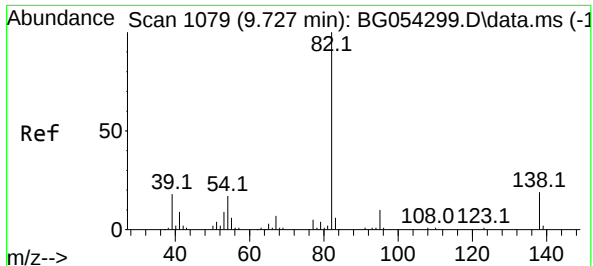


#24
Nitrobenzene
Concen: 4.138 ng
RT: 9.198 min Scan# 989
Delta R.T. -0.006 min
Lab File: BG054320.D
Acq: 19 Jul 2022 16:26



Tgt Ion: 77 Resp: 4271
Ion Ratio Lower Upper
77 100
123 40.8 27.4 41.0
65 13.7 11.4 17.0





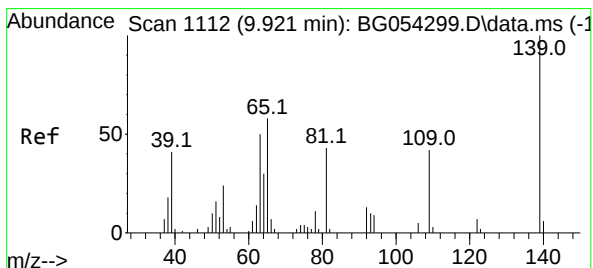
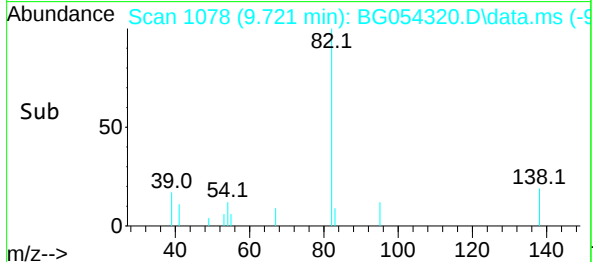
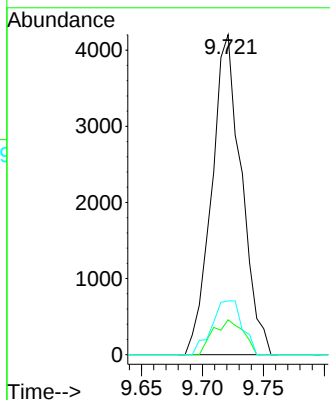
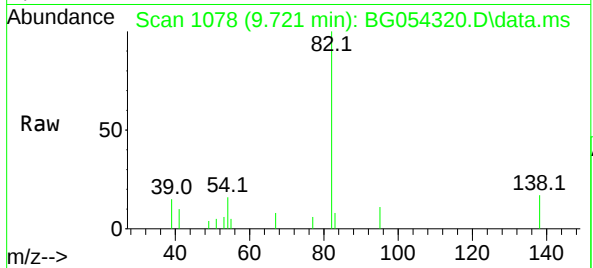
#25
Isophorone
Concen: 3.880 ng
RT: 9.721 min Scan# 1079
Delta R.T. -0.006 min
Lab File: BG054320.D
Acq: 19 Jul 2022 16:26

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2022

Tgt Ion: 82 Resp: 712
Ion Ratio Lower Upper
82 100
95 10.9 6.2 9.4#
138 16.8 11.6 17.4#

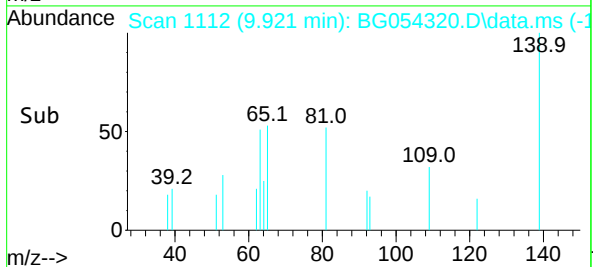
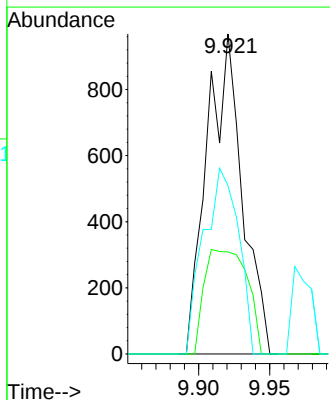
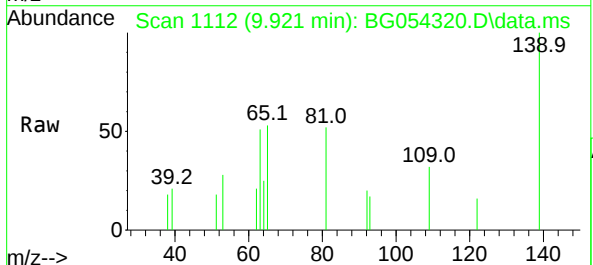
Manual Integrations
APPROVED

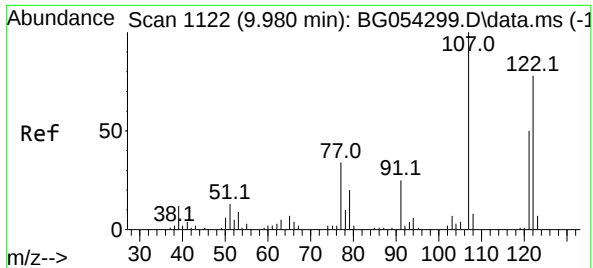
Reviewed By :Christian Giraldo 07/20/2022
Supervised By :Jagrut Upadhyay 07/20/2022



#26
2-Nitrophenol
Concen: 3.217 ng
RT: 9.921 min Scan# 1112
Delta R.T. -0.000 min
Lab File: BG054320.D
Acq: 19 Jul 2022 16:26

Tgt Ion:139 Resp: 1674
Ion Ratio Lower Upper
139 100
109 31.9 36.1 54.1#
65 52.6 55.8 83.6#





#27

2,4-Dimethylphenol

Concen: 4.645 ng

RT: 9.974 min Scan# 1122

Delta R.T. -0.006 min

Lab File: BG054320.D

Acq: 19 Jul 2022 16:26

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT2-2022

Tgt Ion:122 Resp: 3339

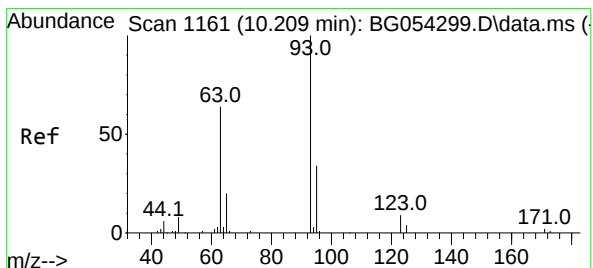
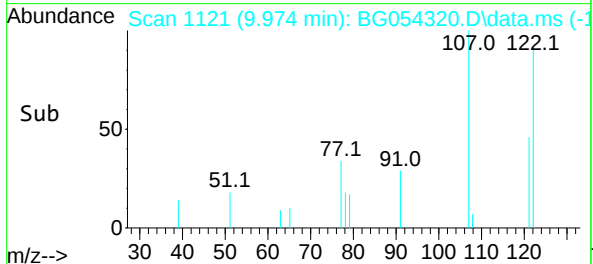
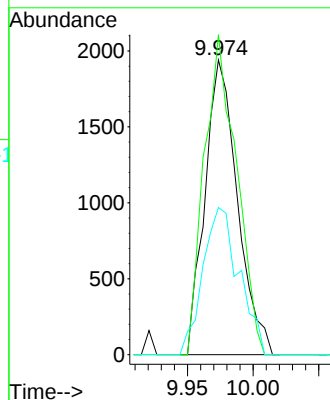
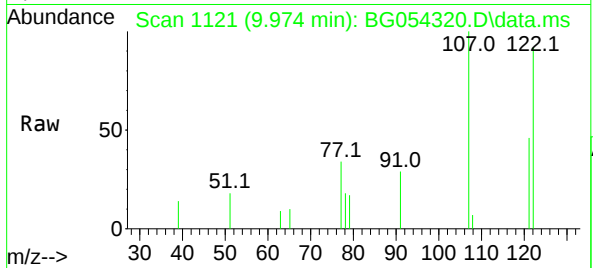
Ion	Ratio	Lower	Upper
122	100		
107	108.6	109.4	164.0
121	49.9	48.7	73.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/20/2022

Supervised By :Jagrut Upadhyay 07/20/2022



#28

bis(2-Chloroethoxy)methane

Concen: 4.151 ng

RT: 10.197 min Scan# 1159

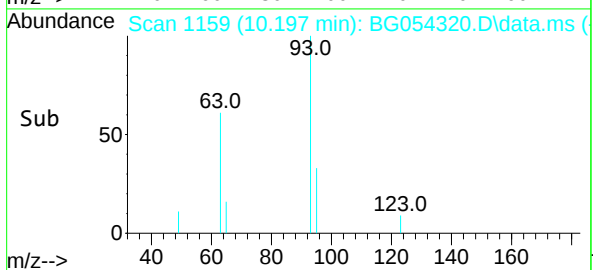
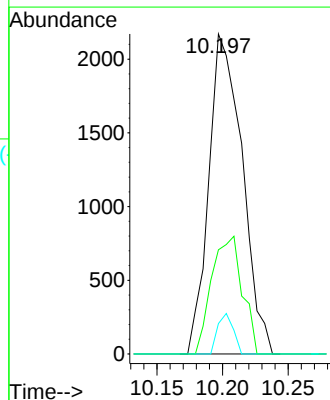
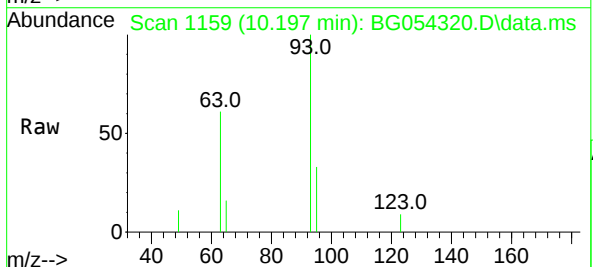
Delta R.T. -0.012 min

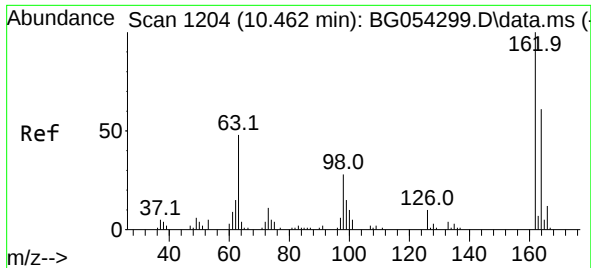
Lab File: BG054320.D

Acq: 19 Jul 2022 16:26

Tgt Ion: 93 Resp: 3846

Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.9	40.3
123	9.5	7.7	11.5





#29

2,4-Dichlorophenol

Concen: 3.526 ng

RT: 10.461 min Scan# 1

Delta R.T. -0.000 min

Lab File: BG054320.D

Acq: 19 Jul 2022 16:26

Instrument :

BNA_G

ClientSampleId :

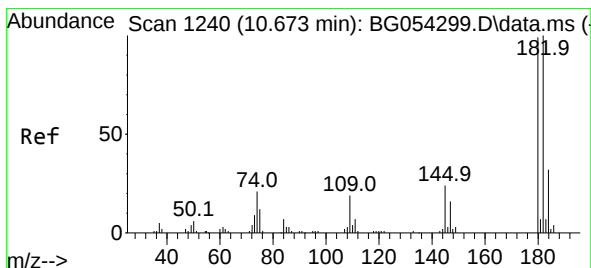
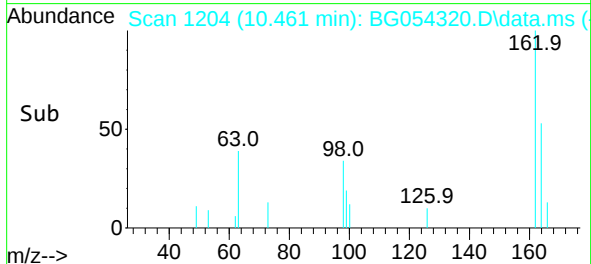
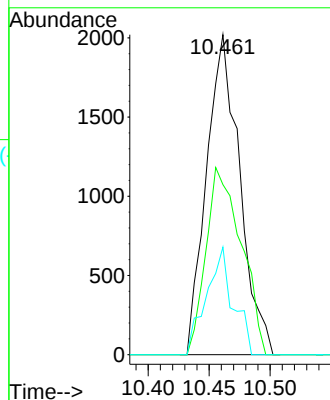
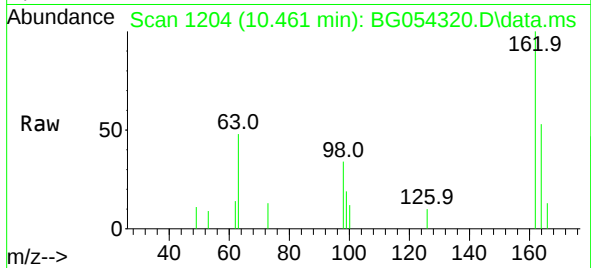
MDL-WATER-03-QT2-2022

Tgt Ion:162	Resp:	3820
Ion Ratio	Lower	Upper
162	100	
164	53.1	46.6 86.6
98	33.6	22.8 62.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/20/2022
Supervised By :Jagrut Upadhyay 07/20/2022



#30

1,2,4-Trichlorobenzene

Concen: 4.296 ng

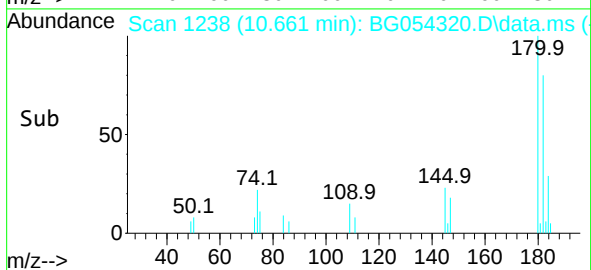
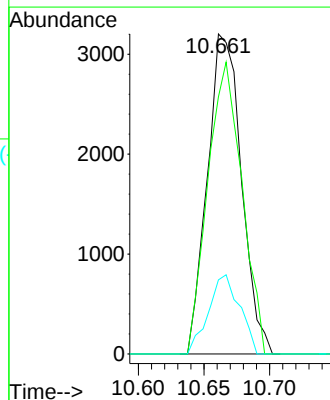
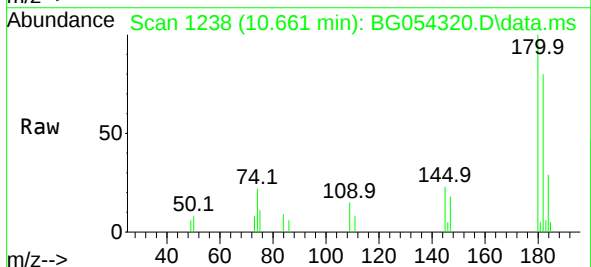
RT: 10.661 min Scan# 1238

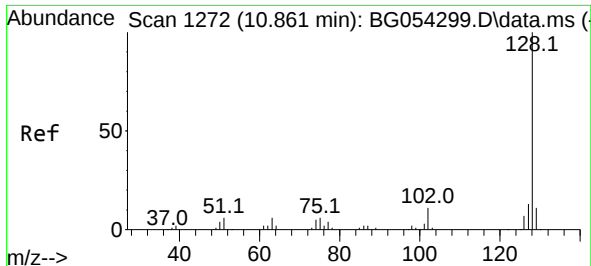
Delta R.T. -0.012 min

Lab File: BG054320.D

Acq: 19 Jul 2022 16:26

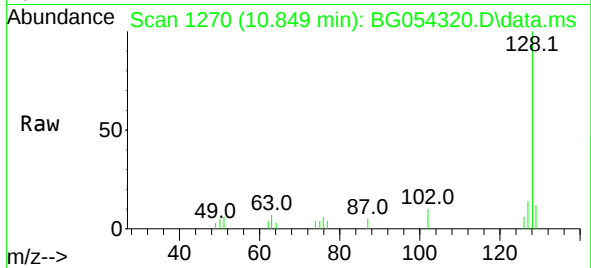
Tgt Ion:180	Resp:	5772
Ion Ratio	Lower	Upper
180	100	
182	80.3	76.6 115.0
145	23.1	25.0 37.4





#31
Naphthalene
Concen: 3.870 ng
RT: 10.849 min Scan# 1270
Delta R.T. -0.012 min
Lab File: BG054320.D
Acq: 19 Jul 2022 16:26

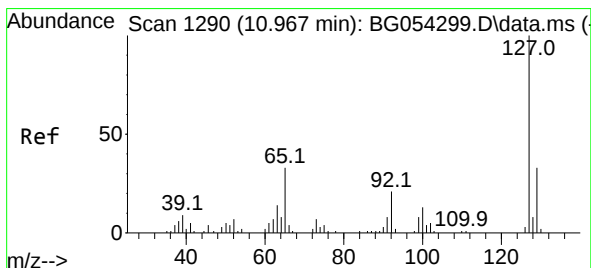
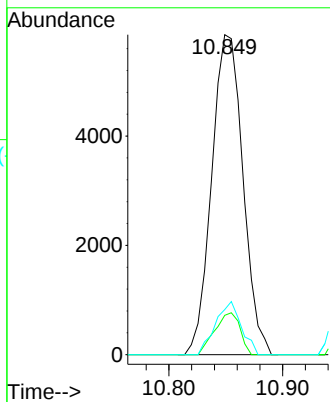
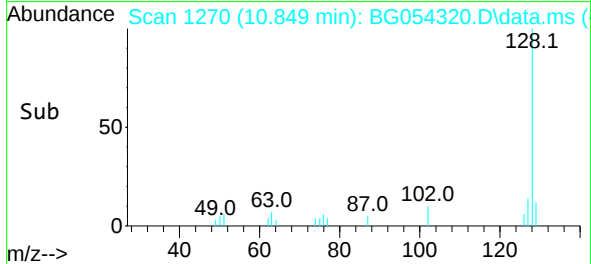
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2022



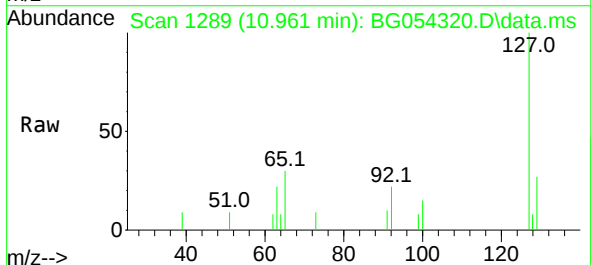
Tgt Ion:128 Resp: 1117
Ion Ratio Lower Upper
128 100
129 12.3 9.0 13.6
127 14.1 11.1 16.7

Manual Integrations
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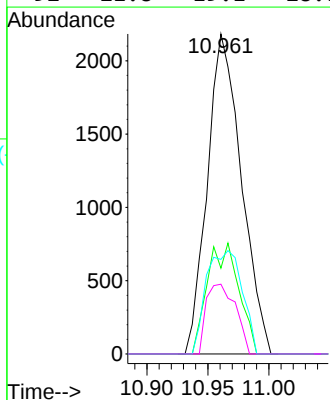
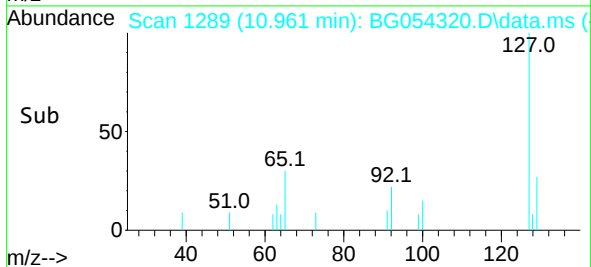
Reviewed By :Christian Giraldo 07/20/2022
Supervised By :Jagrut Upadhyay 07/20/2022

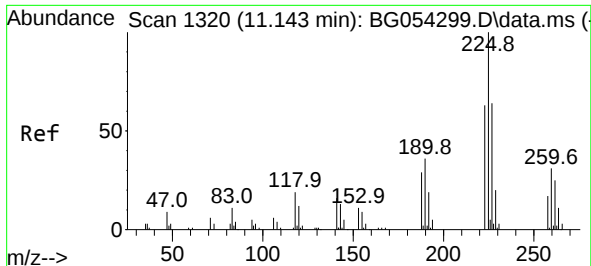


#33
4-Chloroaniline
Concen: 3.609 ng
RT: 10.961 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BG054320.D
Acq: 19 Jul 2022 16:26



Tgt Ion:127 Resp: 4238
Ion Ratio Lower Upper
127 100
129 26.8 26.3 39.5
65 29.5 31.1 46.7#
92 21.8 19.1 28.7





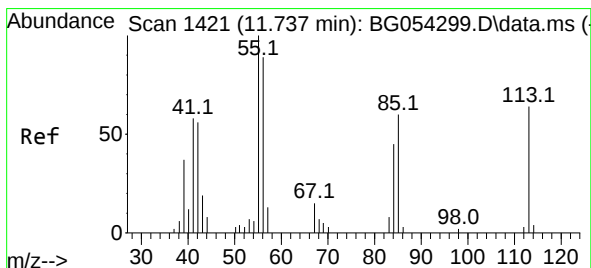
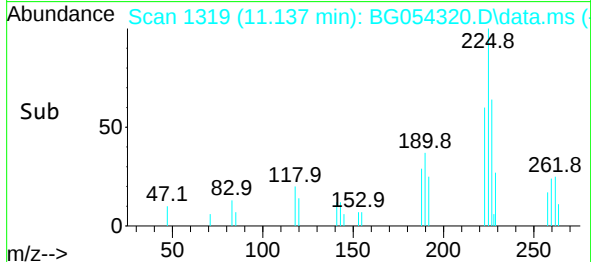
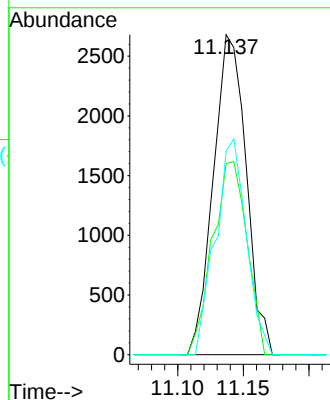
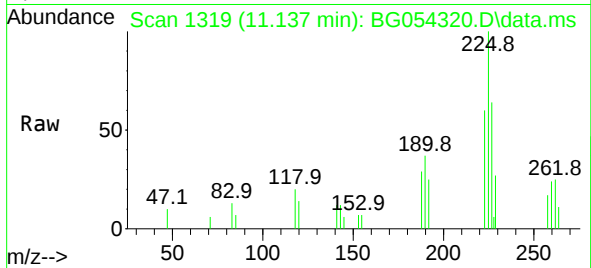
#34
Hexachlorobutadiene
Concen: 3.926 ng
RT: 11.137 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BG054320.D
Acq: 19 Jul 2022 16:26

Instrument : BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2022

Tgt Ion:225 Resp: 4662
Ion Ratio Lower Upper
225 100
223 59.7 48.9 73.3
227 63.6 52.8 79.2

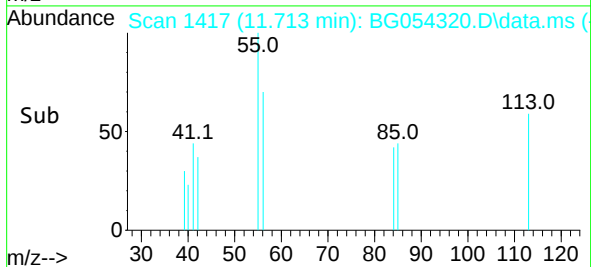
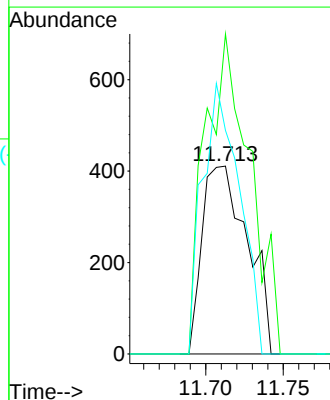
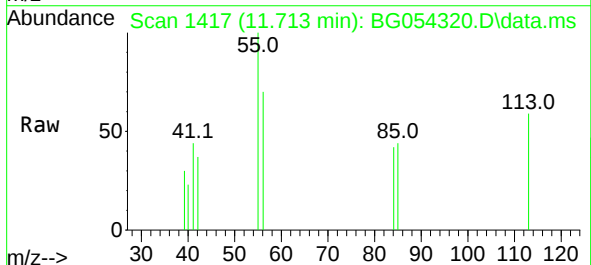
Manual Integrations
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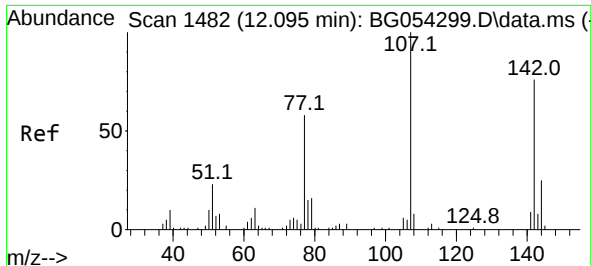
Reviewed By :Christian Giraldo 07/20/2022
Supervised By :Jagrut Upadhyay 07/20/2022



#35
Caprolactam
Concen: 3.064 ng
RT: 11.713 min Scan# 1417
Delta R.T. -0.024 min
Lab File: BG054320.D
Acq: 19 Jul 2022 16:26

Tgt Ion:113 Resp: 837
Ion Ratio Lower Upper
113 100
55 170.3 169.8 209.8
56 119.0 141.2 181.2#





#36

4-Chloro-3-methylphenol

Concen: 3.695 ng

RT: 12.083 min Scan# 1480

Delta R.T. -0.012 min

Lab File: BG054320.D

Acq: 19 Jul 2022 16:26

Instrument :

BNA_G

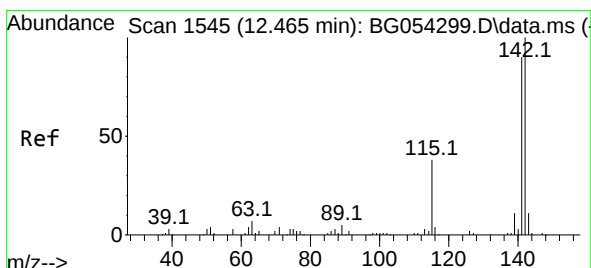
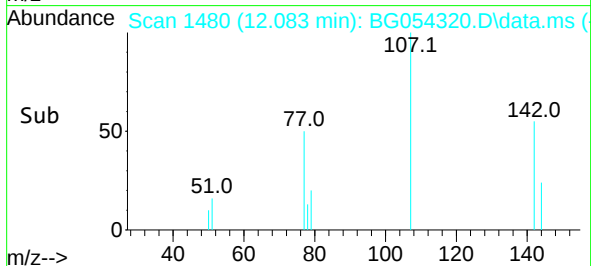
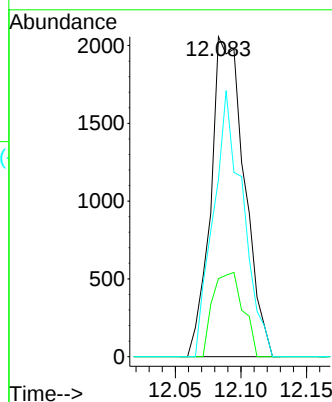
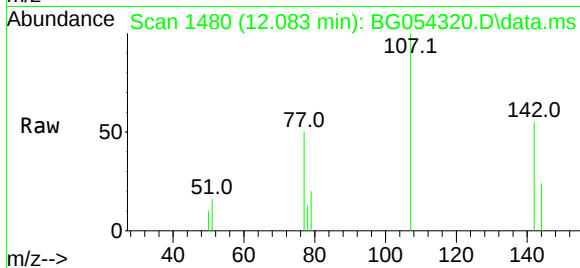
ClientSampleId :

MDL-WATER-03-QT2-2022

Tgt Ion:	107	Resp:	364
Ion Ratio	Lower	Upper	
107	100		
144	24.4	18.5	27.7
142	55.3	55.0	82.4

Manual Integrations
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Reviewed By :Christian Giraldo 07/20/2022
Supervised By :Jagrut Upadhyay 07/20/2022



#37

2-Methylnaphthalene

Concen: 3.727 ng

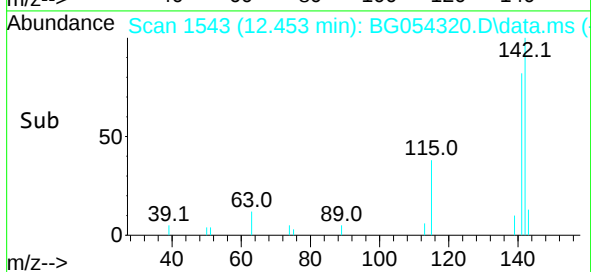
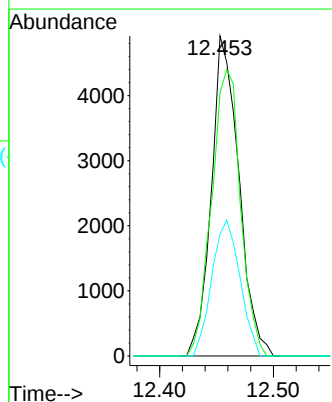
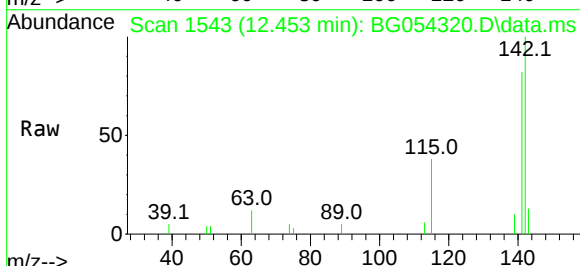
RT: 12.453 min Scan# 1543

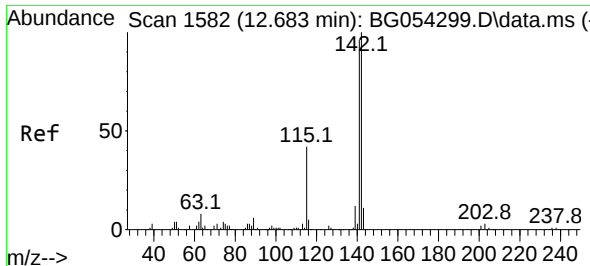
Delta R.T. -0.012 min

Lab File: BG054320.D

Acq: 19 Jul 2022 16:26

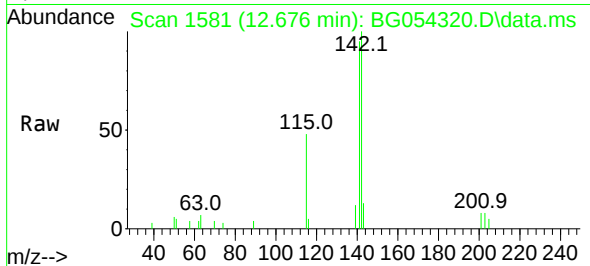
Tgt Ion:	142	Resp:	8265
Ion Ratio	Lower	Upper	
142	100		
141	82.3	72.3	108.5
115	38.1	33.7	50.5





#38
1-Methylnaphthalene
Concen: 3.797 ng
RT: 12.676 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG054320.D
Acq: 19 Jul 2022 16:26

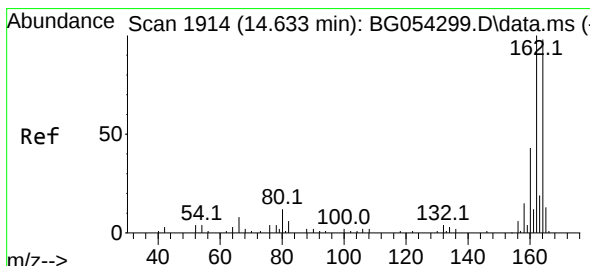
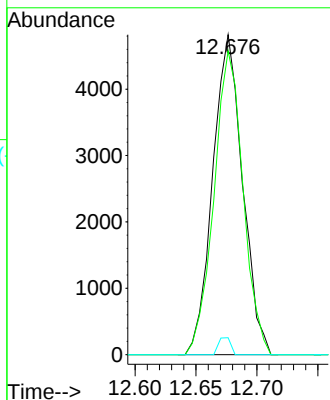
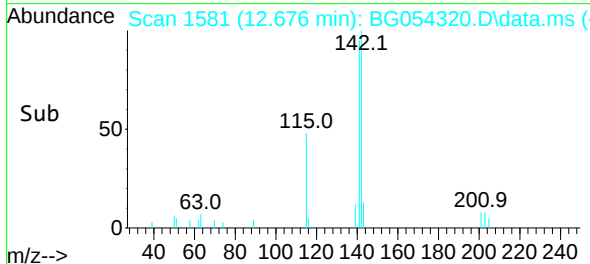
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2022



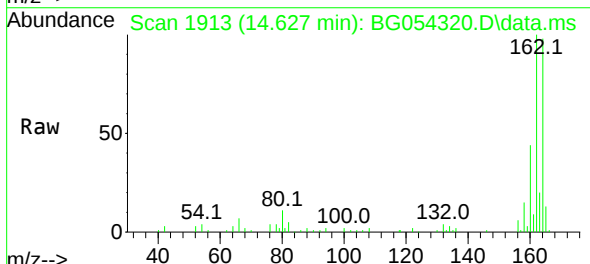
Tgt Ion:142 Resp: 820
Ion Ratio Lower Upper
142 100
141 94.9 76.4 114.6
116 5.3 3.3 4.9

Manual Integrations
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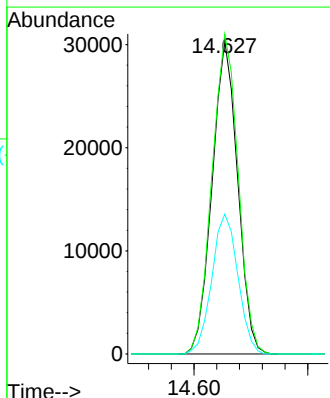
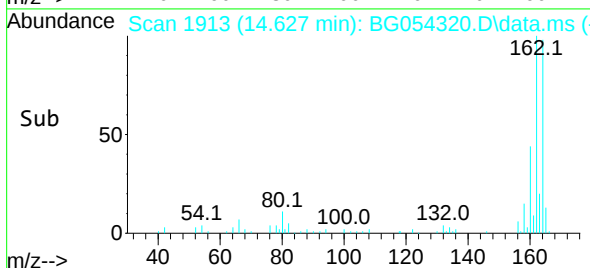
Reviewed By :Christian Giraldo 07/20/2022
Supervised By :Jagrut Upadhyay 07/20/2022

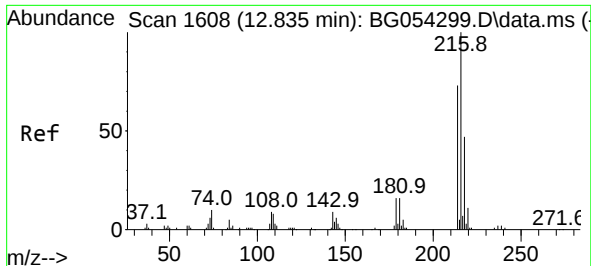


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.627 min Scan# 1913
Delta R.T. -0.006 min
Lab File: BG054320.D
Acq: 19 Jul 2022 16:26



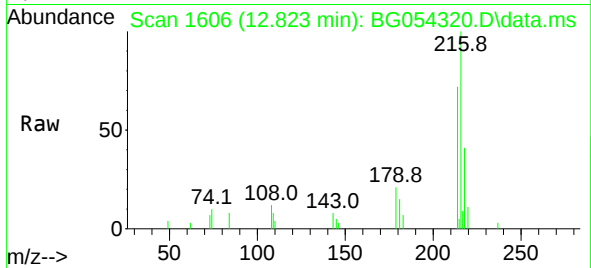
Tgt Ion:164 Resp: 47116
Ion Ratio Lower Upper
164 100
162 102.2 82.3 123.5
160 44.7 34.2 51.2





#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.013 ng
RT: 12.823 min Scan# 10
Delta R.T. -0.012 min
Lab File: BG054320.D
Acq: 19 Jul 2022 16:26

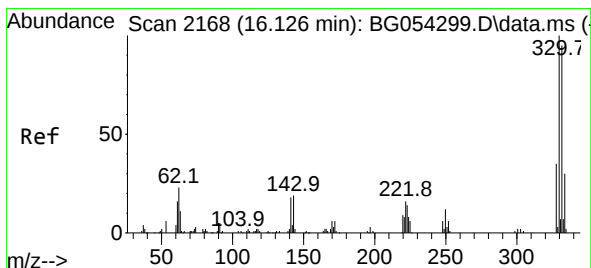
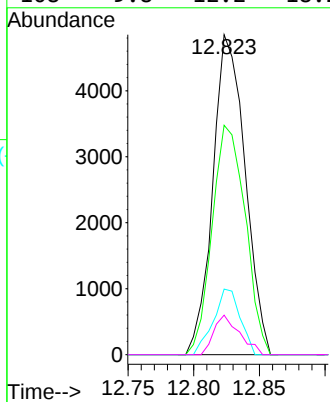
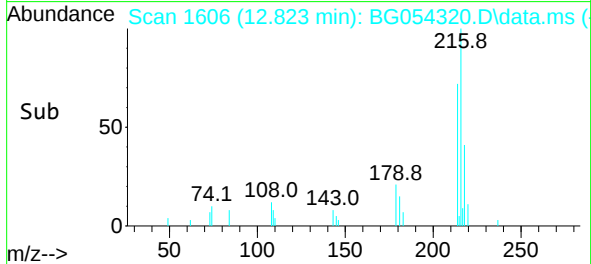
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2022



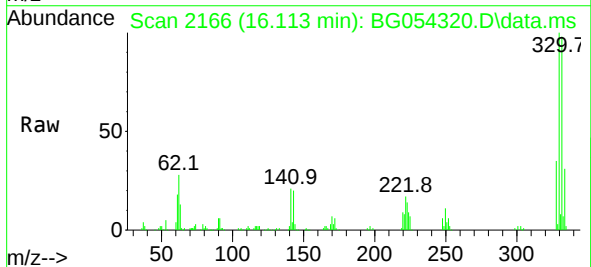
Tgt Ion:216 Resp: 828
Ion Ratio Lower Upper
216 100
214 73.6 62.9 94.3
179 17.0 16.1 24.1
108 9.8 12.2 18.2#

Manual Integrations
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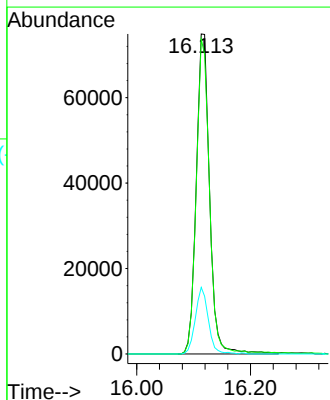
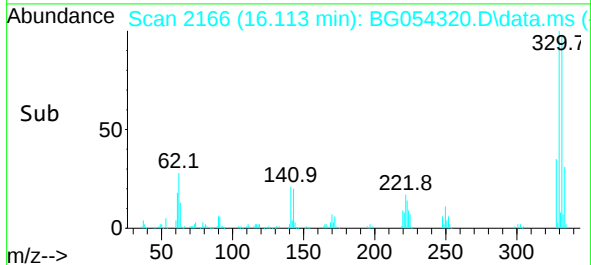
Reviewed By :Christian Giraldo 07/20/2022
Supervised By :Jagrut Upadhyay 07/20/2022

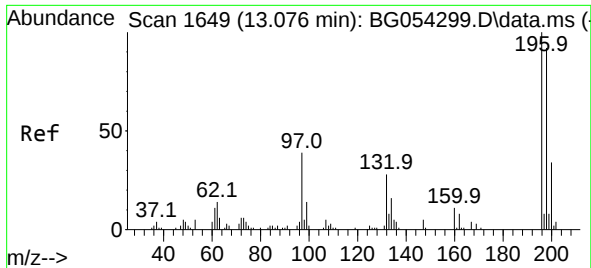


#42
2,4,6-Tribromophenol
Concen: 123.846 ng
RT: 16.113 min Scan# 2166
Delta R.T. -0.012 min
Lab File: BG054320.D
Acq: 19 Jul 2022 16:26



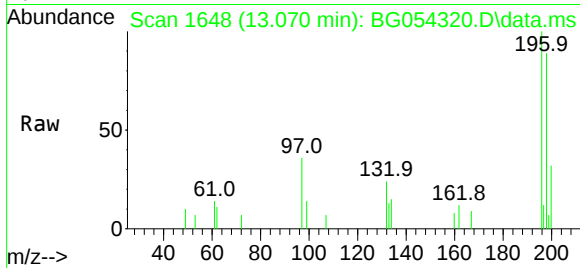
Tgt Ion:330 Resp: 122516
Ion Ratio Lower Upper
330 100
332 96.8 76.0 114.0
141 20.1 27.1 40.7#





#43
2,4,6-Trichlorophenol
Concen: 3.240 ng
RT: 13.070 min Scan# 1649
Delta R.T. -0.006 min
Lab File: BG054320.D
Acq: 19 Jul 2022 16:26

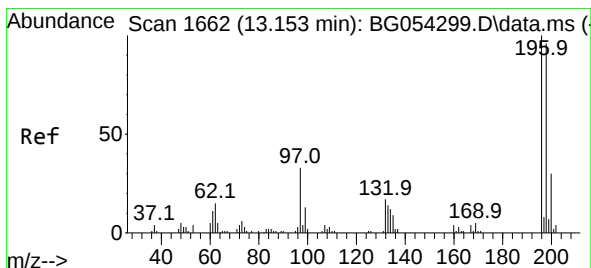
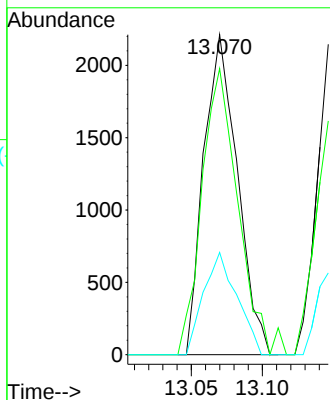
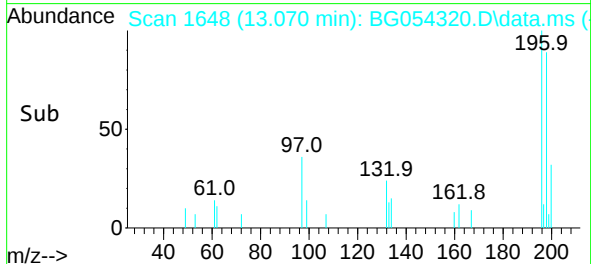
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2022



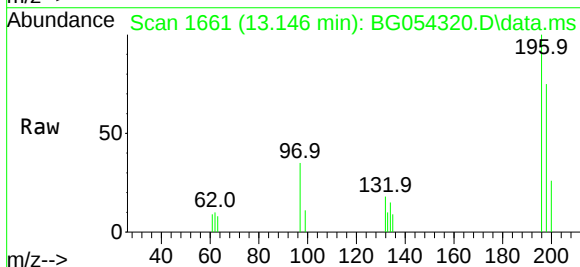
Tgt Ion:196 Resp: 364
Ion Ratio Lower Upper
196 100
198 80.2 74.1 111.1
200 28.7 24.7 37.1

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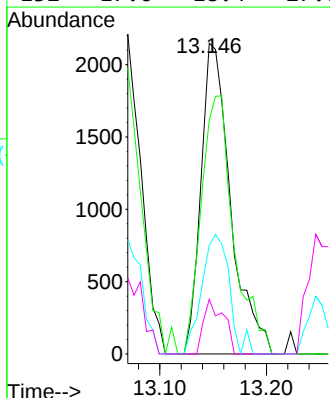
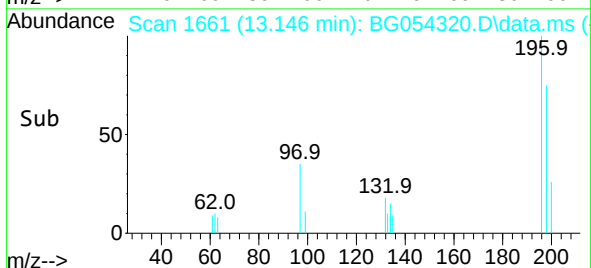
Reviewed By :Christian Giraldo 07/20/2022
Supervised By :Jagrut Upadhyay 07/20/2022

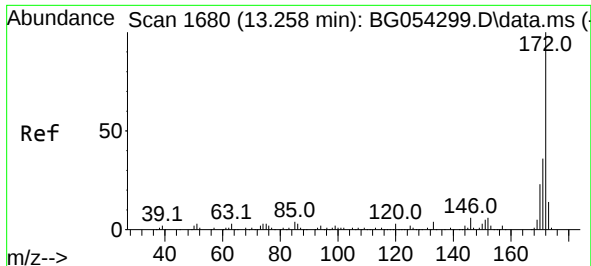


#44
2,4,5-Trichlorophenol
Concen: 3.277 ng
RT: 13.146 min Scan# 1661
Delta R.T. -0.006 min
Lab File: BG054320.D
Acq: 19 Jul 2022 16:26



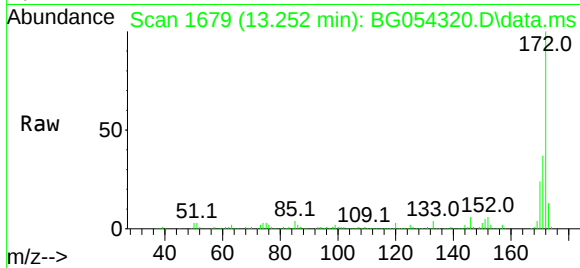
Tgt Ion:196 Resp: 4161
Ion Ratio Lower Upper
196 100
198 75.3 76.8 115.2#
97 35.0 39.8 59.6#
132 17.6 18.4 27.6#





#45
2-Fluorobiphenyl
Concen: 92.466 ng
RT: 13.252 min Scan# 1715
Delta R.T. -0.006 min
Lab File: BG054320.D
Acq: 19 Jul 2022 16:26

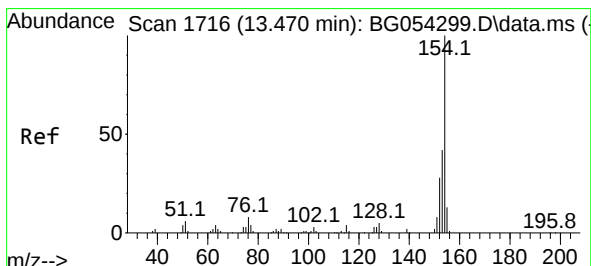
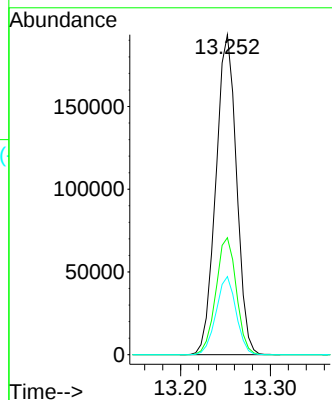
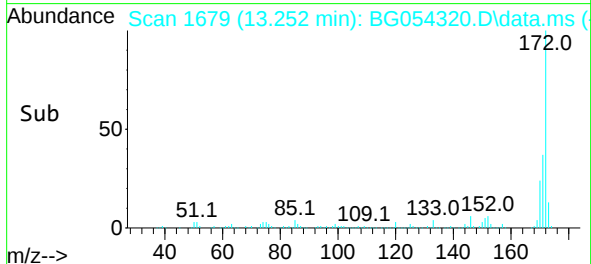
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion:172 Resp: 308828
Ion Ratio Lower Upper
172 100
171 36.5 28.5 42.7
170 24.4 18.9 28.3

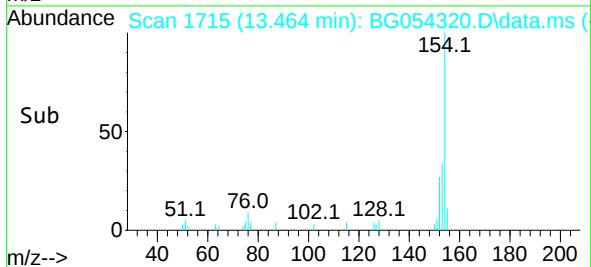
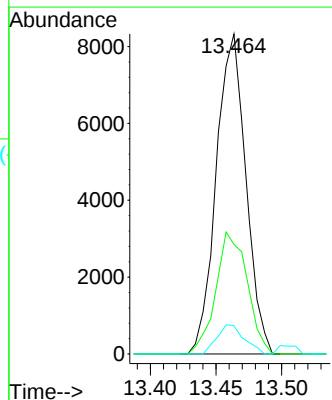
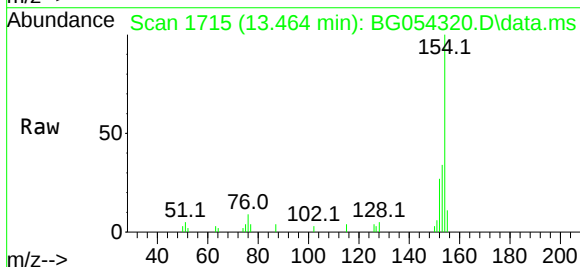
Manual Integrations
APPROVED

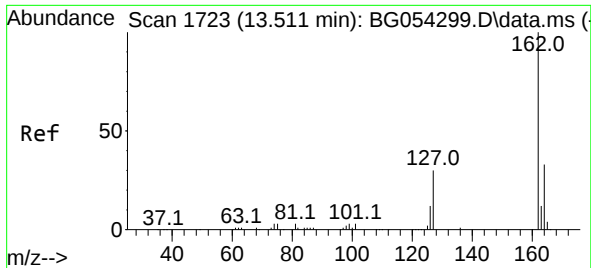
Reviewed By :Christian Giraldo 07/20/2022
Supervised By :Jagrut Upadhyay 07/20/2022



#46
1,1'-Biphenyl
Concen: 4.054 ng
RT: 13.464 min Scan# 1715
Delta R.T. -0.006 min
Lab File: BG054320.D
Acq: 19 Jul 2022 16:26

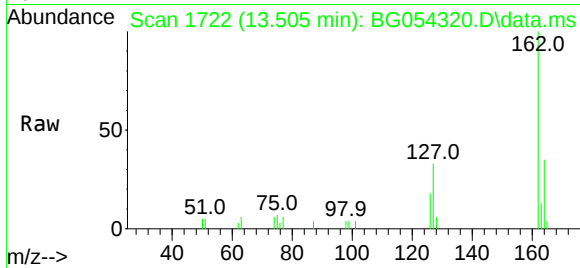
Tgt Ion:154 Resp: 13067
Ion Ratio Lower Upper
154 100
153 34.2 21.6 61.6
76 8.9 0.0 32.6





#47
2-Chloronaphthalene
Concen: 3.765 ng
RT: 13.505 min Scan# 1722
Delta R.T. -0.006 min
Lab File: BG054320.D
Acq: 19 Jul 2022 16:26

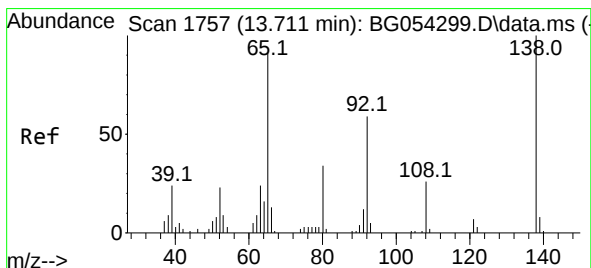
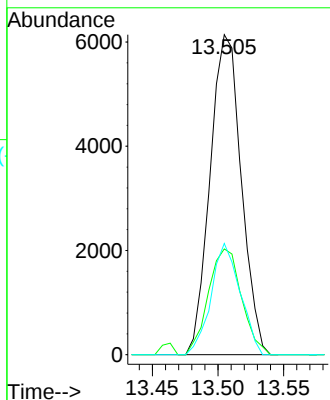
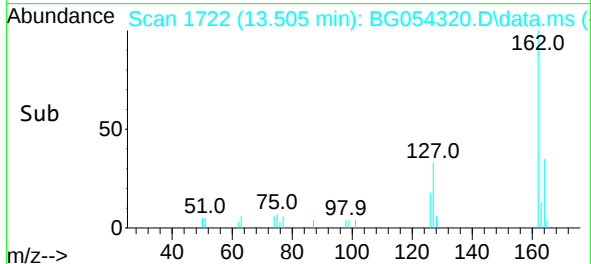
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT2-2022



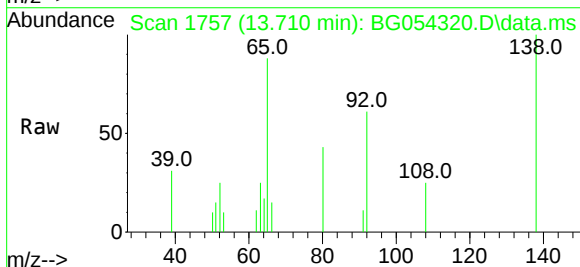
Tgt Ion:162 Resp: 10150
Ion Ratio Lower Upper
162 100
127 33.1 30.6 45.8
164 34.7 26.5 39.7

Manual Integrations
APPROVED

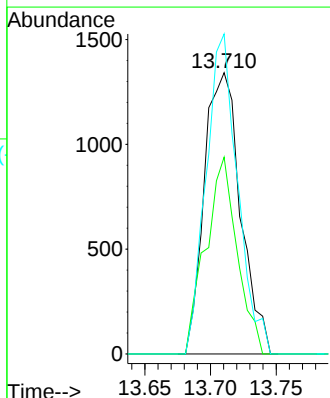
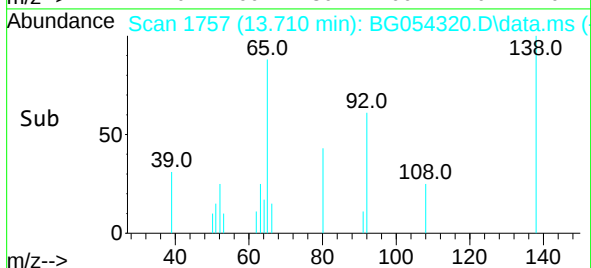
Reviewed By :Christian Giraldo 07/20/2022
Supervised By :Jagrut Upadhyay 07/20/2022

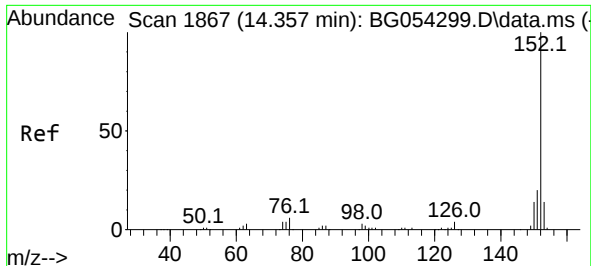


#48
2-Nitroaniline
Concen: 3.660 ng
RT: 13.710 min Scan# 1757
Delta R.T. -0.000 min
Lab File: BG054320.D
Acq: 19 Jul 2022 16:26



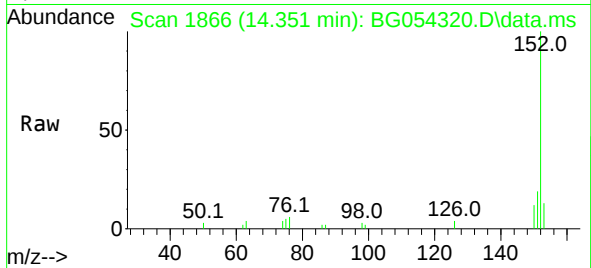
Tgt Ion: 65 Resp: 2577
Ion Ratio Lower Upper
65 100
92 70.0 51.5 77.3
138 113.8 71.3 106.9#





#49
Acenaphthylene
Concen: 4.117 ng
RT: 14.351 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BG054320.D
Acq: 19 Jul 2022 16:26

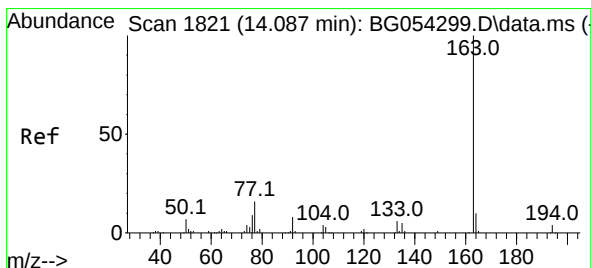
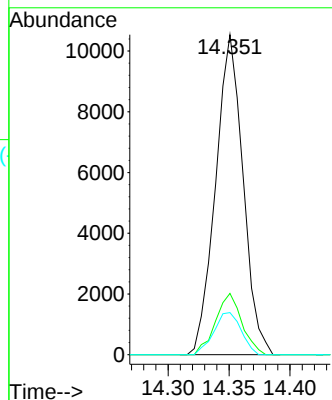
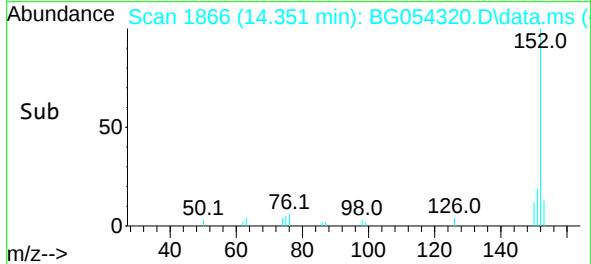
Instrument : BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2022



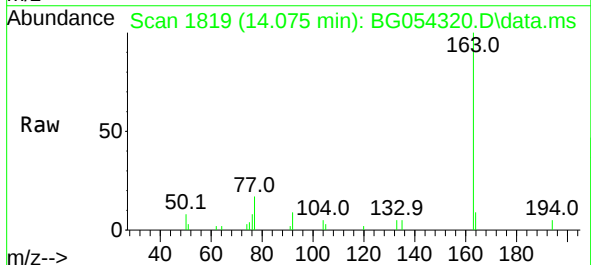
Tgt Ion:152 Resp: 16504
Ion Ratio Lower Upper
152 100
151 19.2 16.4 24.6
153 13.1 10.8 16.2

Manual Integrations
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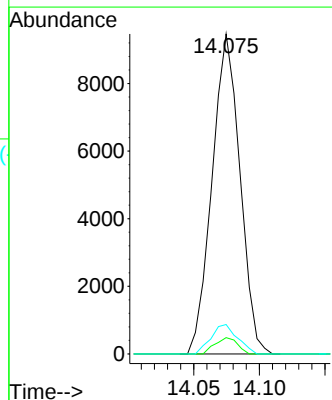
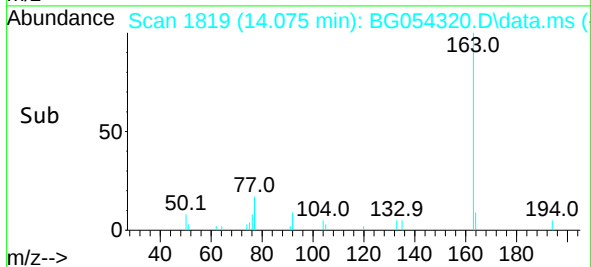
Reviewed By :Christian Giraldo 07/20/2022
Supervised By :Jagrut Upadhyay 07/20/2022

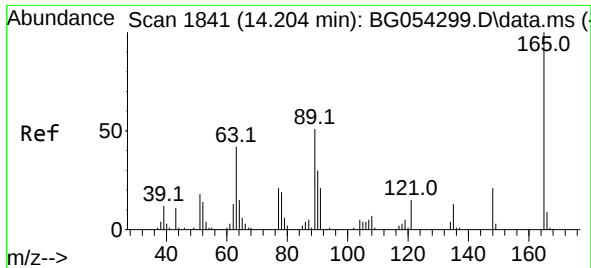


#50
Dimethylphthalate
Concen: 3.796 ng
RT: 14.075 min Scan# 1819
Delta R.T. -0.012 min
Lab File: BG054320.D
Acq: 19 Jul 2022 16:26



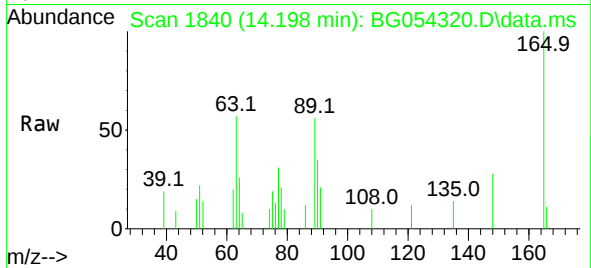
Tgt Ion:163 Resp: 13969
Ion Ratio Lower Upper
163 100
194 5.1 3.0 4.6#
164 9.2 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 3.653 ng
RT: 14.198 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BG054320.D
Acq: 19 Jul 2022 16:26

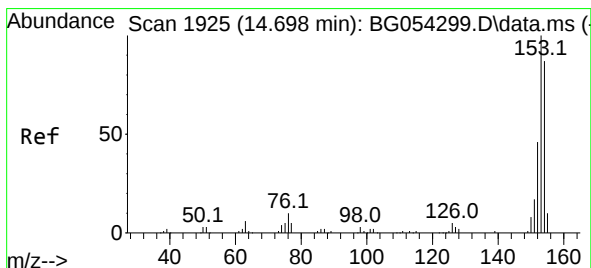
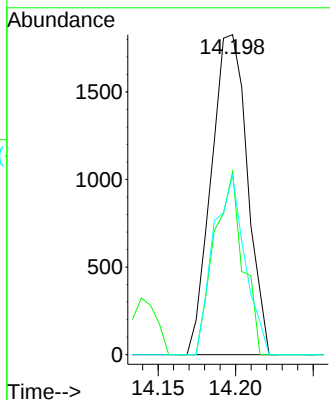
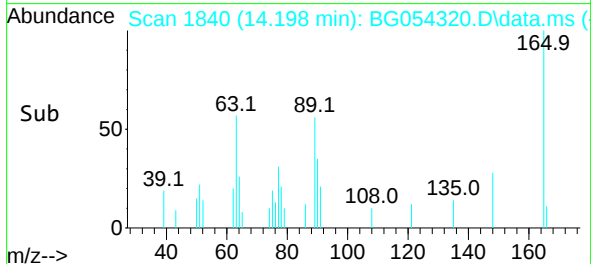
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT2-2022



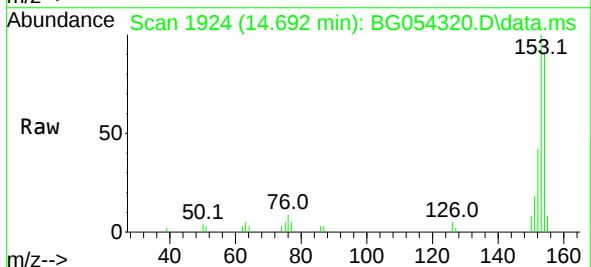
Tgt Ion:165 Resp: 2949
Ion Ratio Lower Upper
165 100
63 57.1 54.1 81.1
89 56.0 54.8 82.2

Manual Integrations
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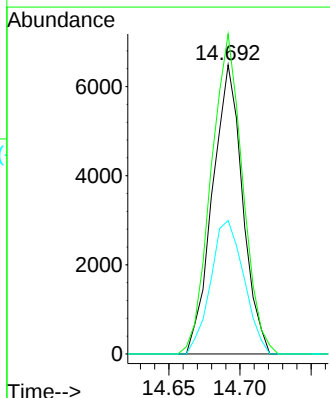
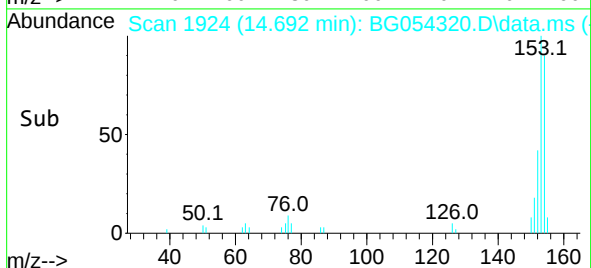
Reviewed By :Christian Giraldo 07/20/2022
Supervised By :Jagrut Upadhyay 07/20/2022

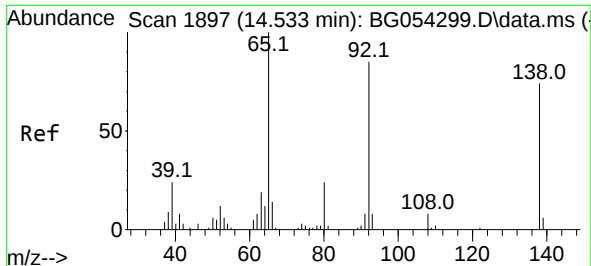


#52
Acenaphthene
Concen: 3.935 ng
RT: 14.692 min Scan# 1924
Delta R.T. -0.006 min
Lab File: BG054320.D
Acq: 19 Jul 2022 16:26



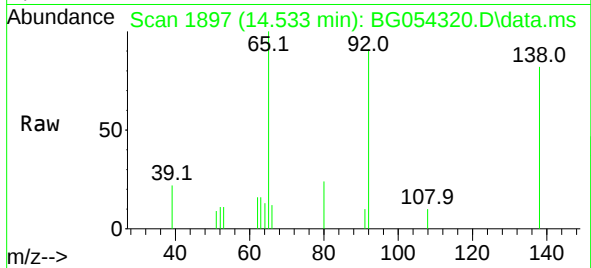
Tgt Ion:154 Resp: 9550
Ion Ratio Lower Upper
154 100
153 110.7 92.7 139.1
152 46.1 42.6 64.0





#53
3-Nitroaniline
Concen: 3.522 ng
RT: 14.533 min Scan# 1897
Delta R.T. -0.000 min
Lab File: BG054320.D
Acq: 19 Jul 2022 16:26

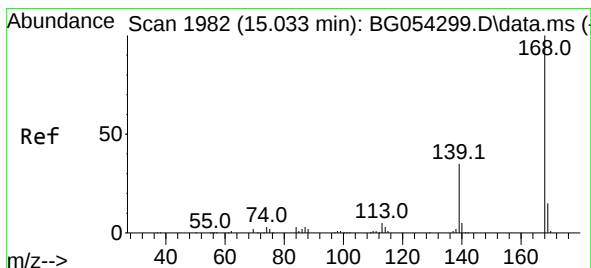
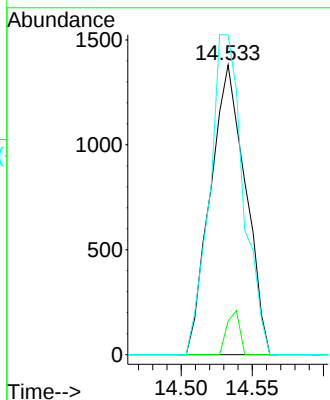
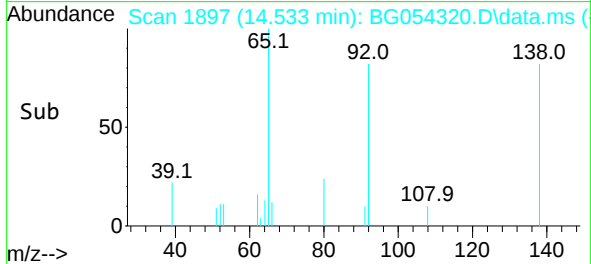
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT2-2022



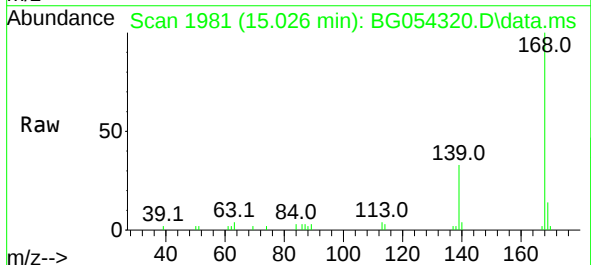
Tgt Ion:138 Resp: 2378
Ion Ratio Lower Upper
138 100
108 11.6 9.2 13.8
92 110.4 101.9 152.9

Manual Integrations
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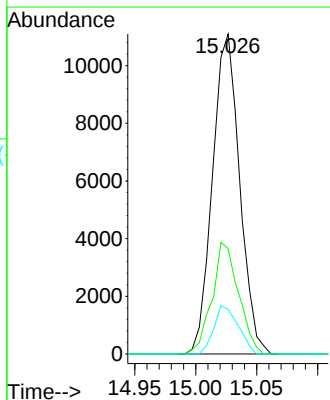
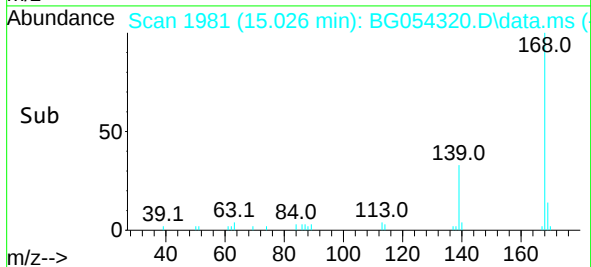
Reviewed By :Christian Giraldo 07/20/2022
Supervised By :Jagrut Upadhyay 07/20/2022

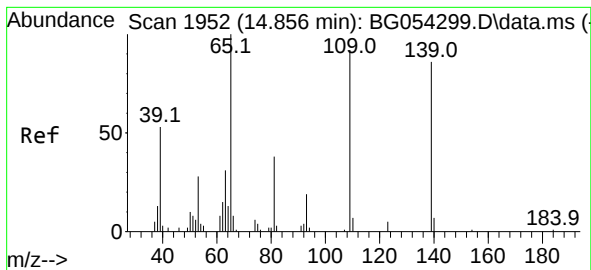


#55
Dibenzofuran
Concen: 3.972 ng
RT: 15.026 min Scan# 1981
Delta R.T. -0.006 min
Lab File: BG054320.D
Acq: 19 Jul 2022 16:26



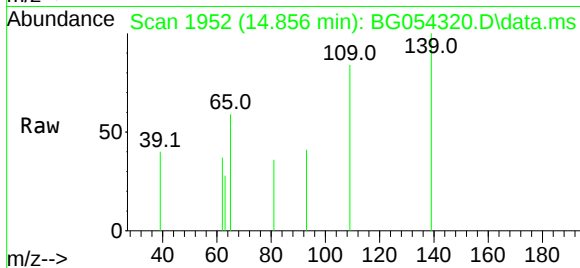
Tgt Ion:168 Resp: 17156
Ion Ratio Lower Upper
168 100
139 33.0 30.5 45.7
169 14.0 10.3 15.5





#56
4-Nitrophenol
Concen: 2.411 ng
RT: 14.856 min Scan# 1952
Delta R.T. 0.000 min
Lab File: BG054320.D
Acq: 19 Jul 2022 16:26

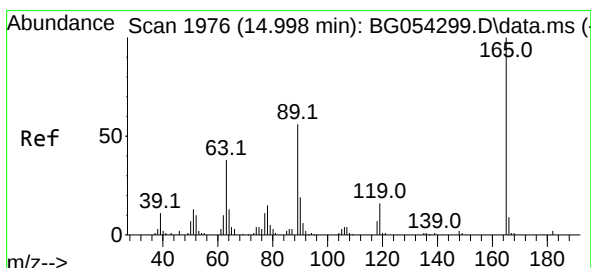
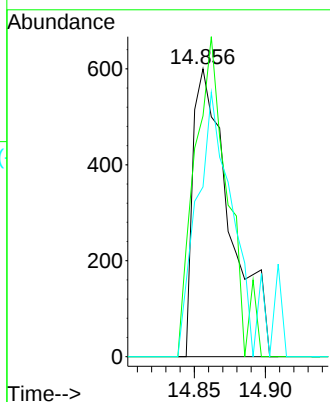
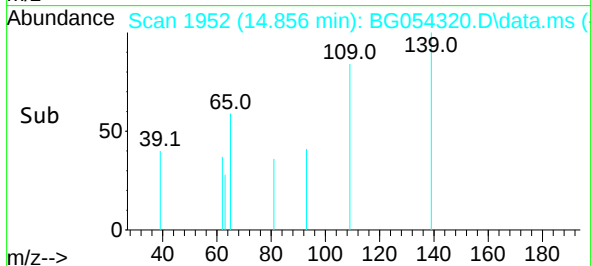
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2022



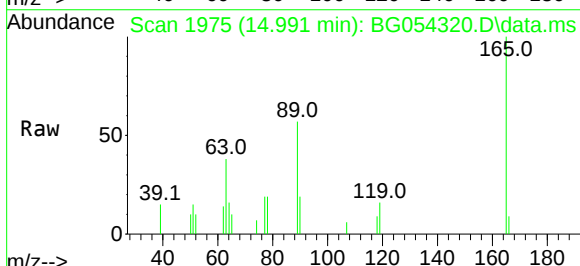
Tgt Ion:139 Resp: 1080
Ion Ratio Lower Upper
139 100
109 83.7 88.5 128.5
65 59.0 93.9 133.9

Manual Integrations
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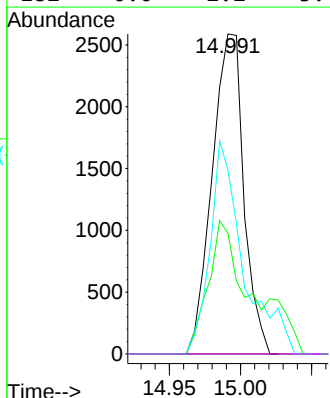
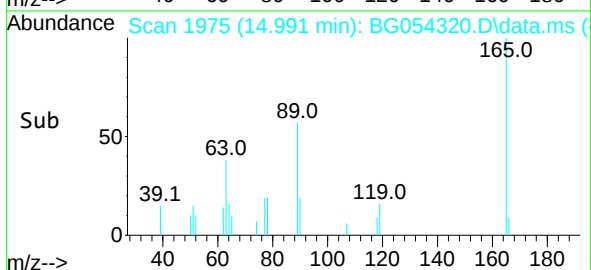
Reviewed By :Christian Giraldo 07/20/2022
Supervised By :Jagrut Upadhyay 07/20/2022

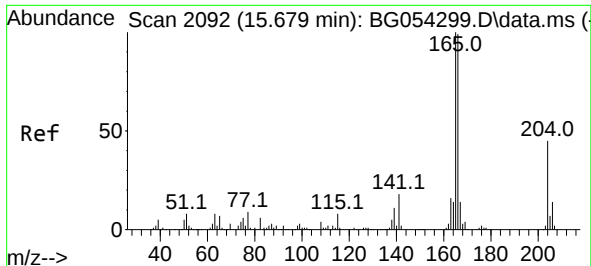


#57
2,4-Dinitrotoluene
Concen: 3.468 ng
RT: 14.991 min Scan# 1975
Delta R.T. -0.006 min
Lab File: BG054320.D
Acq: 19 Jul 2022 16:26



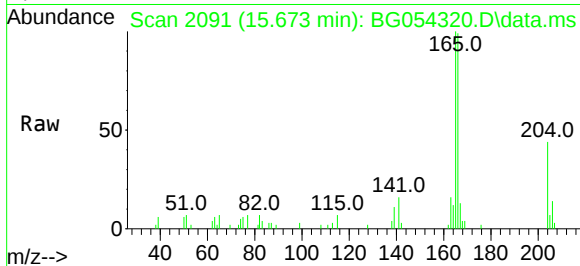
Tgt Ion:165 Resp: 4013
Ion Ratio Lower Upper
165 100
63 37.7 34.6 52.0
89 57.4 60.3 90.5
182 0.0 2.2 3.4





#58
Fluorene
Concen: 3.948 ng
RT: 15.673 min Scan# 2092
Delta R.T. -0.006 min
Lab File: BG054320.D
Acq: 19 Jul 2022 16:26

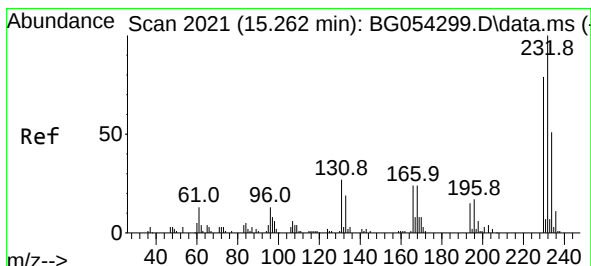
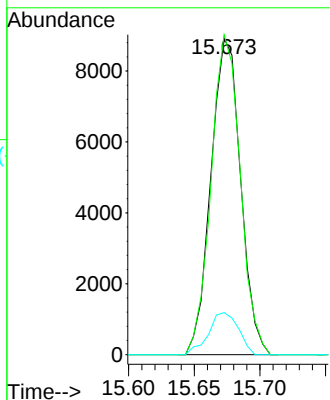
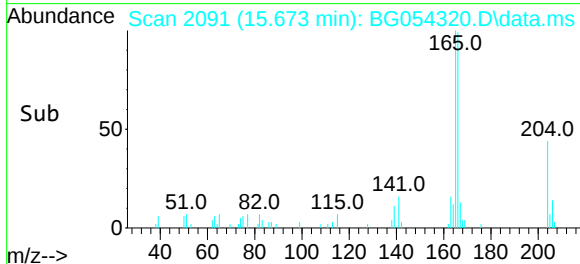
Instrument : BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2022



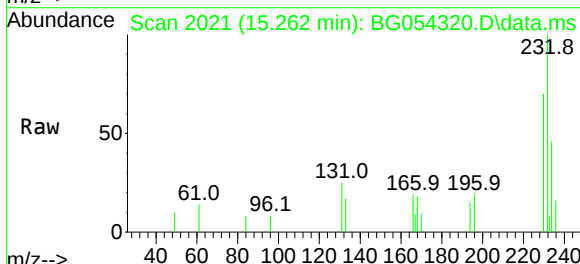
Tgt Ion:166 Resp: 14020
Ion Ratio Lower Upper
166 100
165 101.2 75.0 112.6
167 13.3 10.8 16.2

Manual Integrations
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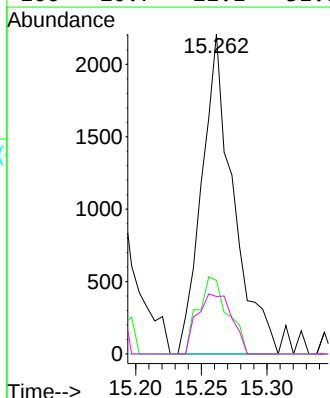
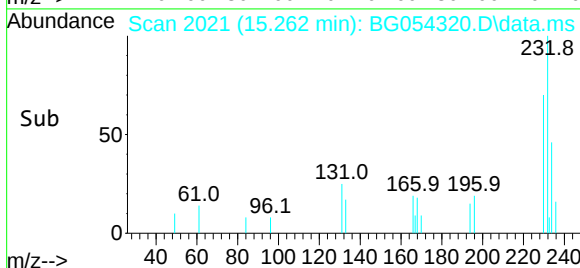
Reviewed By :Christian Giraldo 07/20/2022
Supervised By :Jagrut Upadhyay 07/20/2022

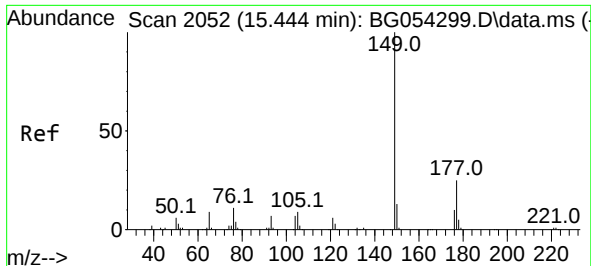


#59
2,3,4,6-Tetrachlorophenol
Concen: 2.976 ng
RT: 15.262 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BG054320.D
Acq: 19 Jul 2022 16:26



Tgt Ion:232 Resp: 3679
Ion Ratio Lower Upper
232 100
131 22.9 30.6 46.0#
130 0.0 1.8 2.8#
166 20.7 21.1 31.7#





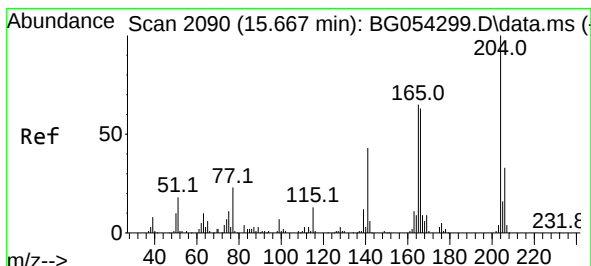
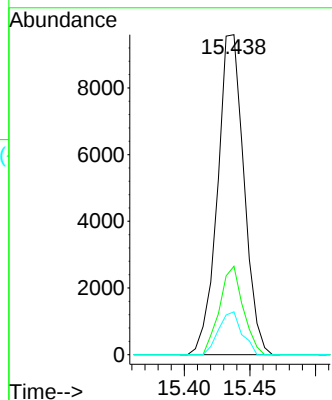
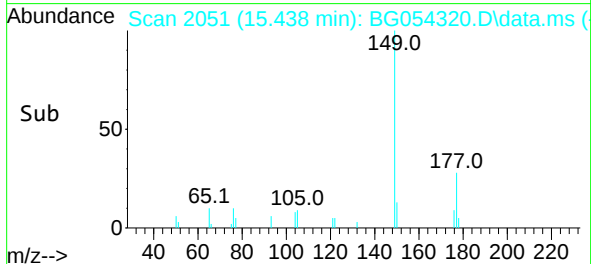
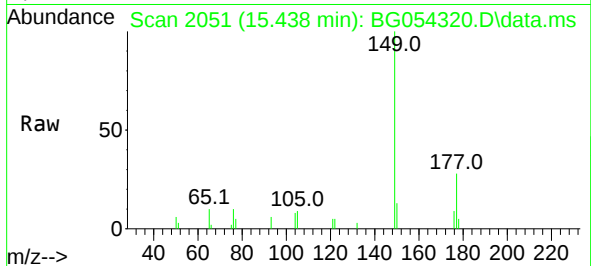
#60
Diethylphthalate
Concen: 3.801 ng
RT: 15.438 min Scan# 2051
Delta R.T. -0.006 min
Lab File: BG054320.D
Acq: 19 Jul 2022 16:26

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2022

Tgt Ion:149 Resp: 1342
Ion Ratio Lower Upper
149 100
177 27.7 18.4 27.6
150 13.4 11.2 16.8

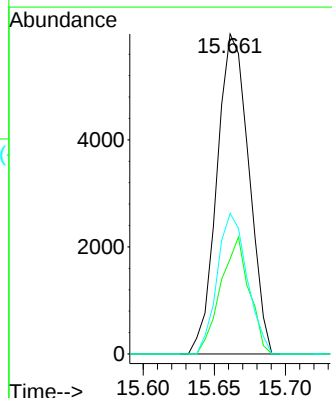
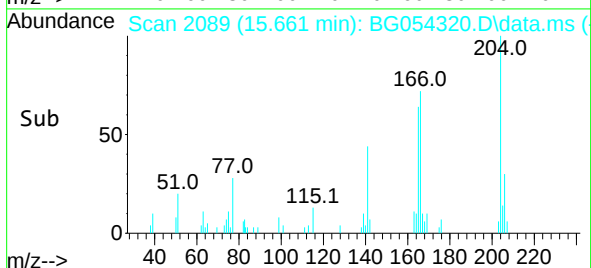
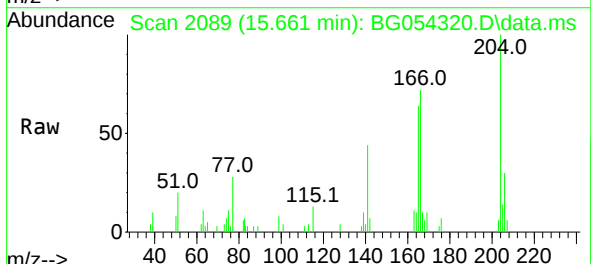
Manual Integrations
APPROVED

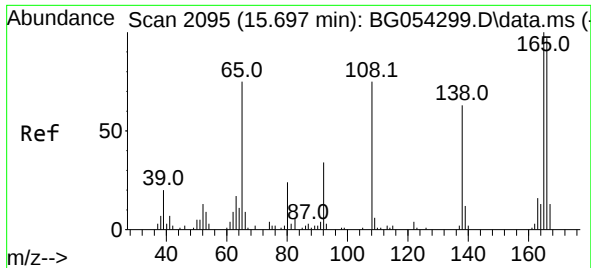
Reviewed By :Christian Giraldo 07/20/2022
Supervised By :Jagrut Upadhyay 07/20/2022



#61
4-Chlorophenyl-phenylether
Concen: 4.006 ng
RT: 15.661 min Scan# 2089
Delta R.T. -0.006 min
Lab File: BG054320.D
Acq: 19 Jul 2022 16:26

Tgt Ion:204 Resp: 9338
Ion Ratio Lower Upper
204 100
206 29.7 27.5 41.3
141 43.9 45.3 67.9#





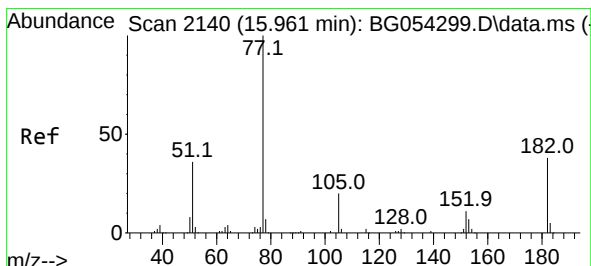
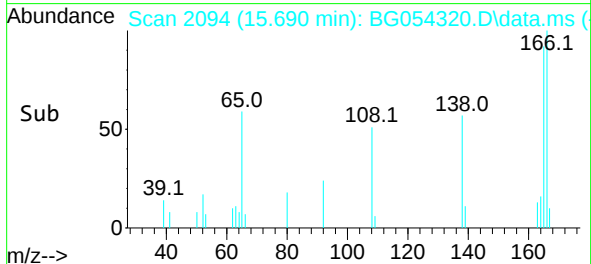
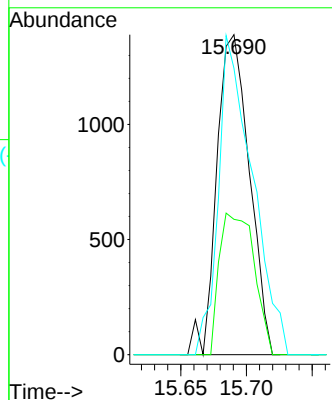
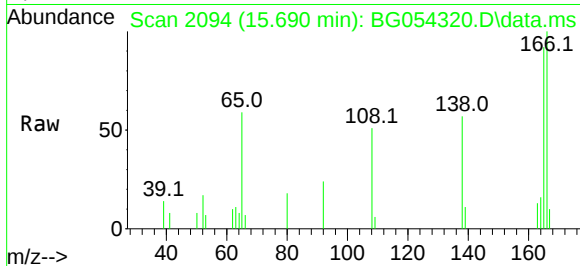
#62
4-Nitroaniline
Concen: 3.389 ng
RT: 15.690 min Scan# 2095
Delta R.T. -0.006 min
Lab File: BG054320.D
Acq: 19 Jul 2022 16:26

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2022

Tgt Ion:138 Resp: 240
Ion Ratio Lower Upper
138 100
92 42.3 40.5 80.5
108 89.5 103.7 143.7

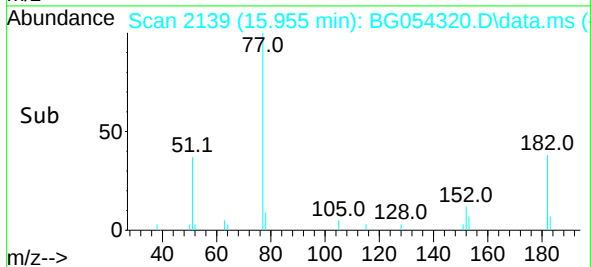
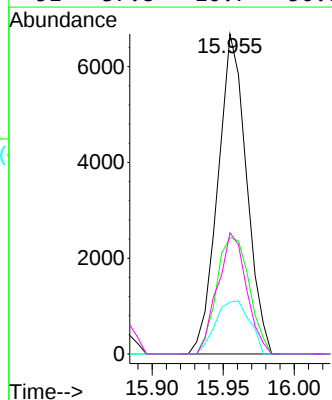
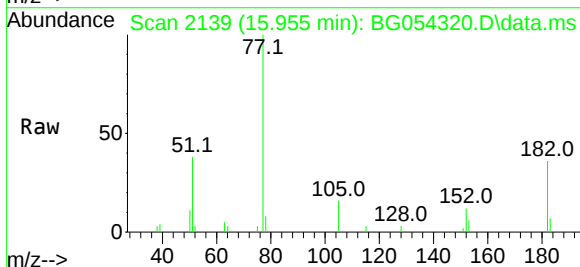
Manual Integrations
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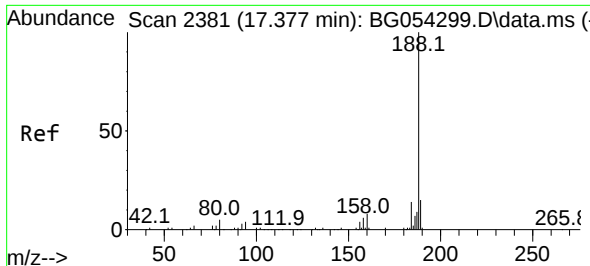
Reviewed By :Christian Giraldo 07/20/2022
Supervised By :Jagrut Upadhyay 07/20/2022



#63
Azobenzene
Concen: 3.677 ng
RT: 15.955 min Scan# 2139
Delta R.T. -0.006 min
Lab File: BG054320.D
Acq: 19 Jul 2022 16:26

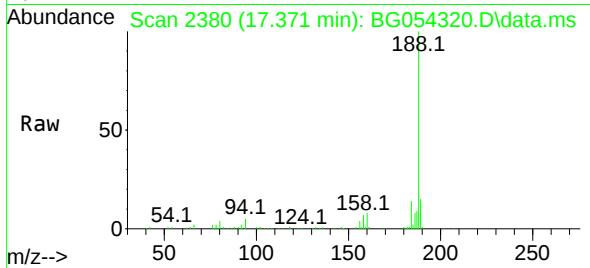
Tgt Ion: 77 Resp: 9380
Ion Ratio Lower Upper
77 100
182 36.4 3.8 43.8
105 16.2 0.0 37.8
51 37.8 10.7 50.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.371 min Scan# 2105
Delta R.T. -0.006 min
Lab File: BG054320.D
Acq: 19 Jul 2022 16:26

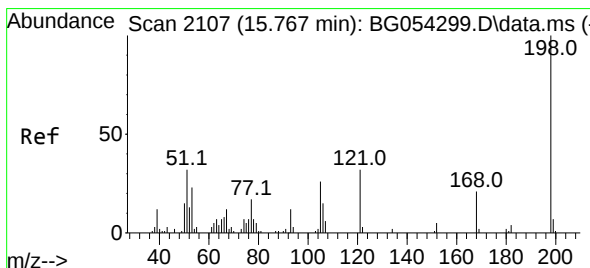
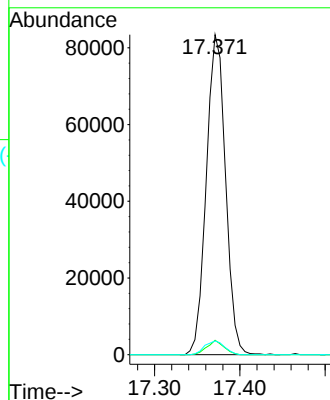
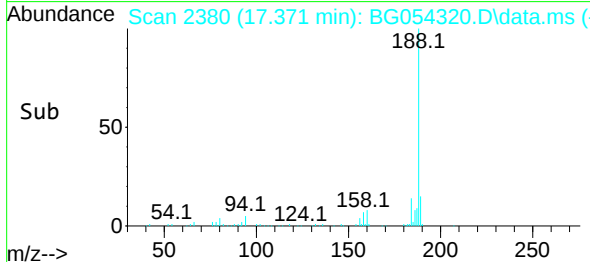
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2022



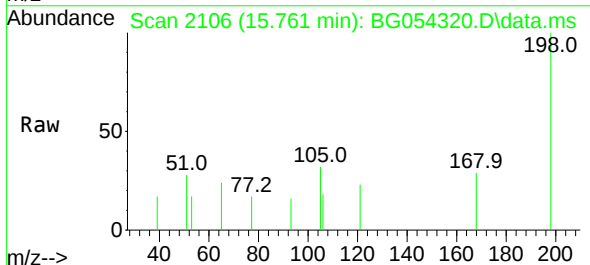
Tgt Ion:188 Resp: 130558
Ion Ratio Lower Upper
188 100
94 4.5 5.4 8.0
80 4.3 6.8 10.2

Manual Integrations
APPROVED

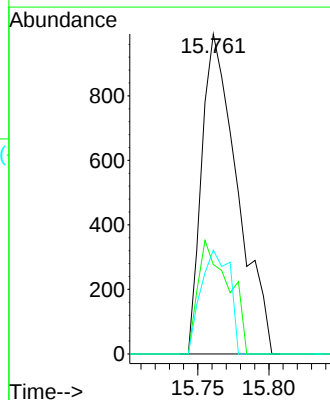
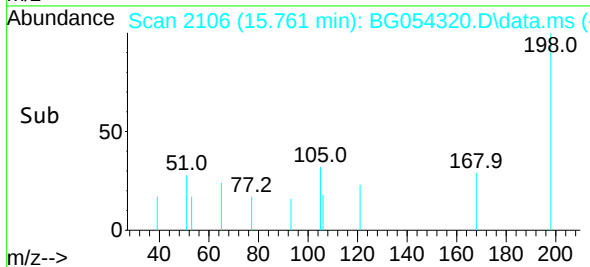
Reviewed By :Christian Giraldo 07/20/2022
Supervised By :Jagrut Upadhyay 07/20/2022

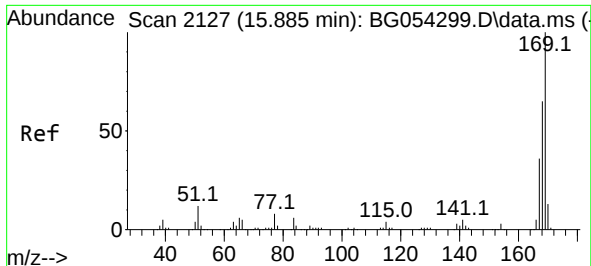


#65
4,6-Dinitro-2-methylphenol
Concen: 2.132 ng
RT: 15.761 min Scan# 2106
Delta R.T. -0.006 min
Lab File: BG054320.D
Acq: 19 Jul 2022 16:26



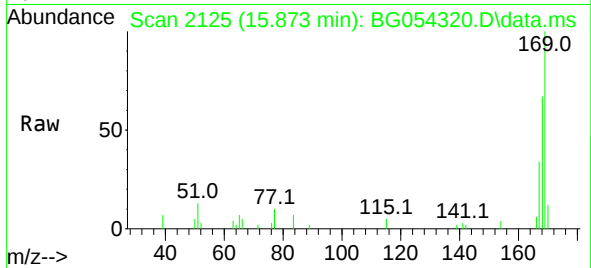
Tgt Ion:198 Resp: 1720
Ion Ratio Lower Upper
198 100
51 27.9 28.1 68.1
105 32.5 20.3 60.3





#66
n-Nitrosodiphenylamine
Concen: 3.825 ng
RT: 15.873 min Scan# 2127
Delta R.T. -0.012 min
Lab File: BG054320.D
Acq: 19 Jul 2022 16:26

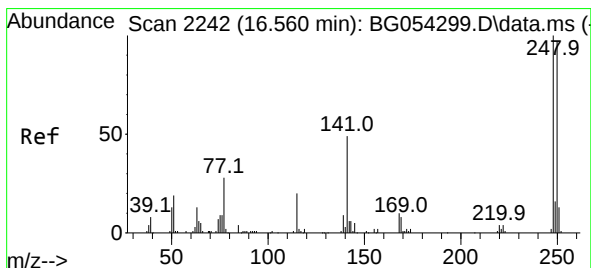
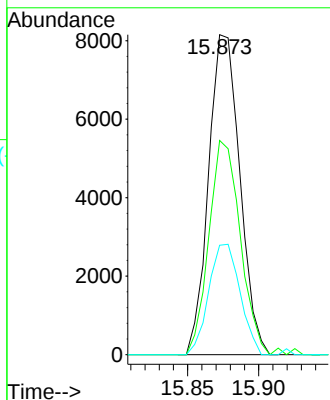
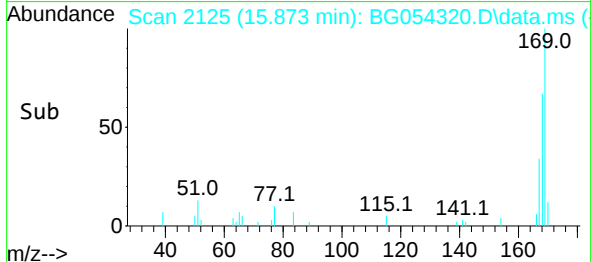
Instrument : BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion:169 Resp: 12469
Ion Ratio Lower Upper
169 100
168 66.9 55.9 83.9
167 34.2 30.6 46.0

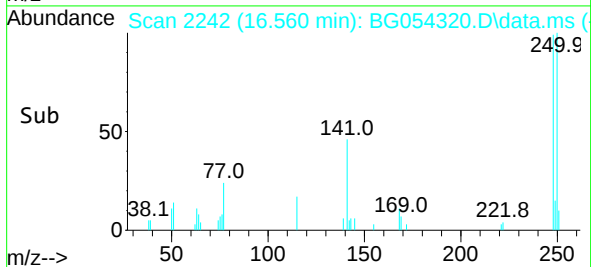
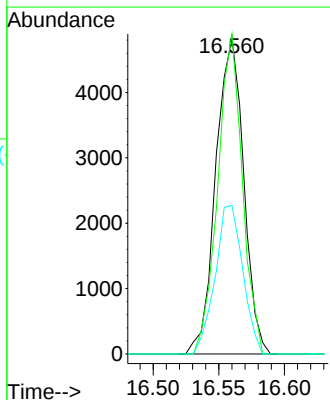
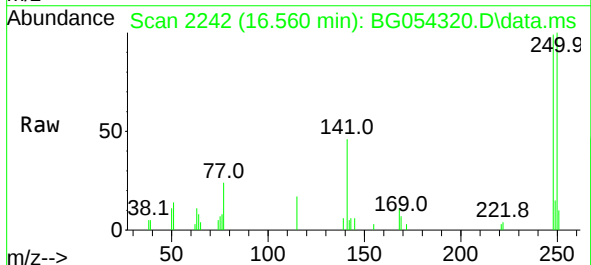
Manual Integrations
APPROVED

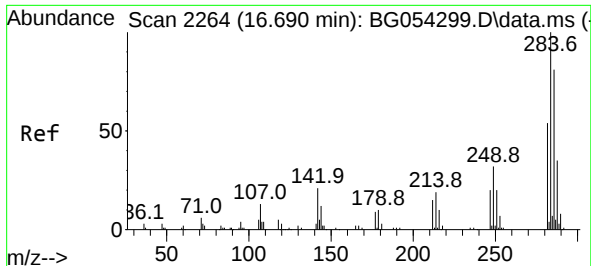
Reviewed By :Christian Giraldo 07/20/2022
Supervised By :Jagrut Upadhyay 07/20/2022



#67
4-Bromophenyl-phenylether
Concen: 3.884 ng
RT: 16.560 min Scan# 2242
Delta R.T. -0.000 min
Lab File: BG054320.D
Acq: 19 Jul 2022 16:26

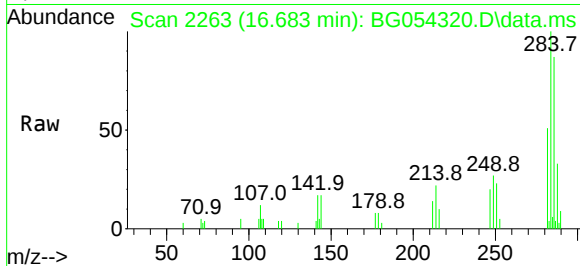
Tgt Ion:248 Resp: 7122
Ion Ratio Lower Upper
248 100
250 101.4 75.2 112.8
141 47.1 50.0 75.0#





#68
Hexachlorobenzene
Concen: 4.148 ng
RT: 16.683 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG054320.D
Acq: 19 Jul 2022 16:26

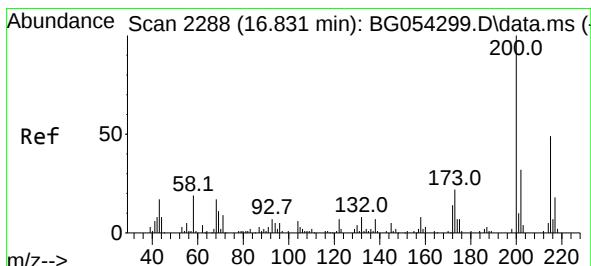
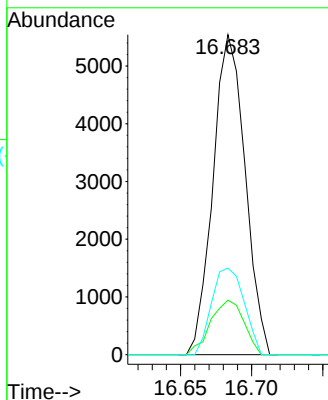
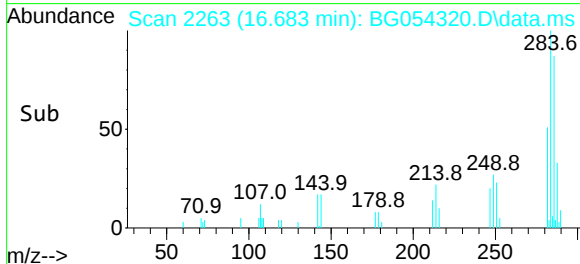
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2022



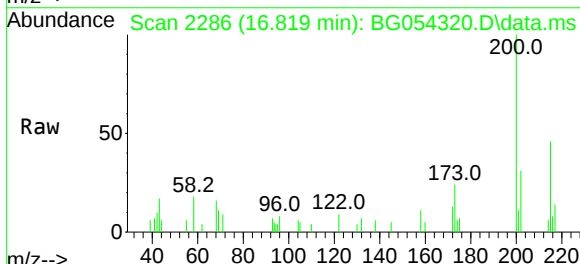
Tgt Ion:284 Resp: 869
Ion Ratio Lower Upper
284 100
142 17.0 23.6 35.4
249 27.1 25.8 38.6

Manual Integrations
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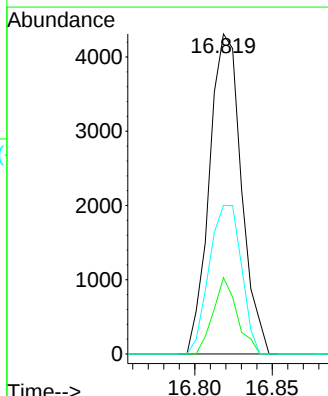
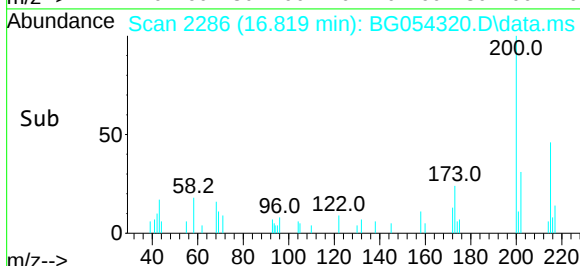
Reviewed By :Christian Giraldo 07/20/2022
Supervised By :Jagrut Upadhyay 07/20/2022

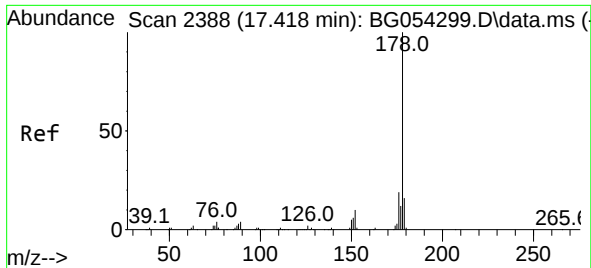


#69
Atrazine
Concen: 4.261 ng
RT: 16.819 min Scan# 2286
Delta R.T. -0.012 min
Lab File: BG054320.D
Acq: 19 Jul 2022 16:26



Tgt Ion:200 Resp: 6181
Ion Ratio Lower Upper
200 100
173 23.9 3.7 43.7
215 46.5 25.2 65.2





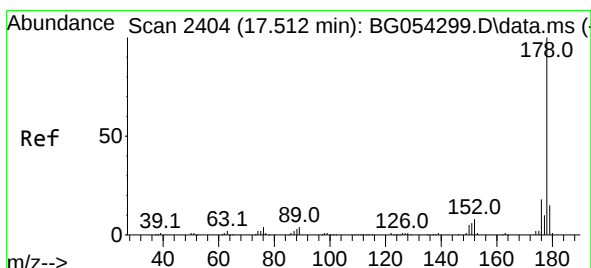
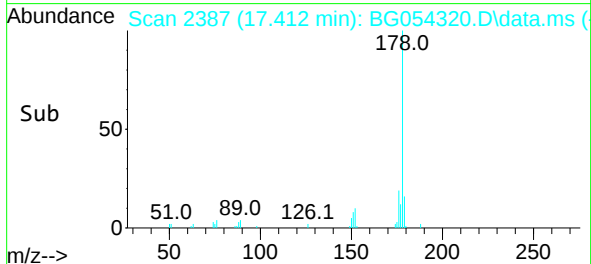
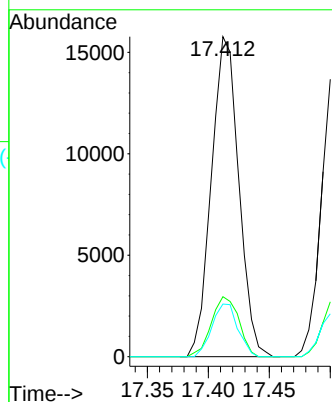
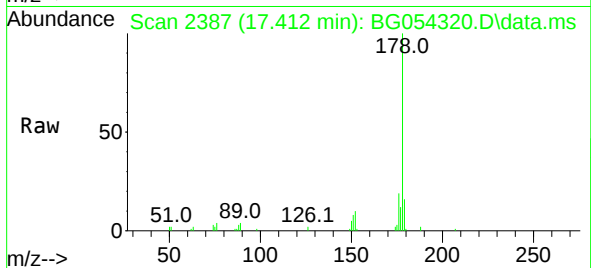
#71
Phenanthrene
Concen: 3.798 ng
RT: 17.412 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG054320.D
Acq: 19 Jul 2022 16:26

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2022

Tgt Ion:178 Resp: 24694
Ion Ratio Lower Upper
178 100
176 18.7 14.1 21.1
179 16.5 12.1 18.1

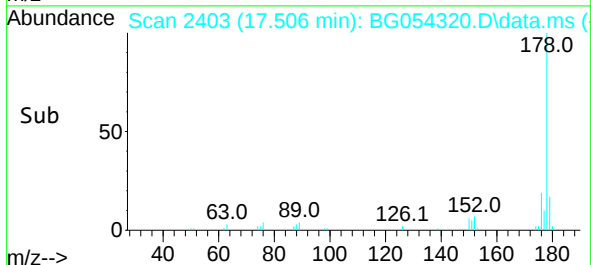
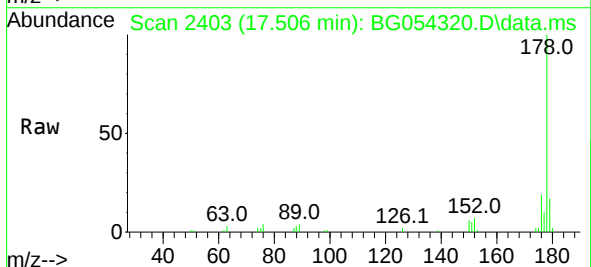
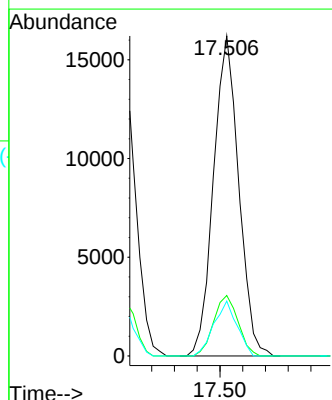
Manual Integrations
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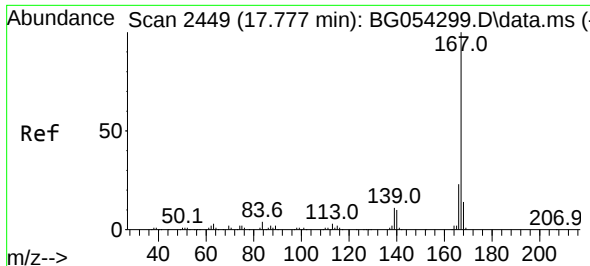
Reviewed By :Christian Giraldo 07/20/2022
Supervised By :Jagrut Upadhyay 07/20/2022



#72
Anthracene
Concen: 3.906 ng
RT: 17.506 min Scan# 2403
Delta R.T. -0.006 min
Lab File: BG054320.D
Acq: 19 Jul 2022 16:26

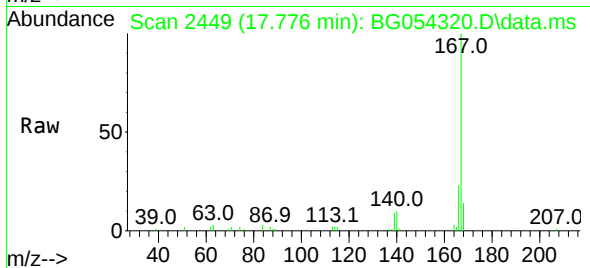
Tgt Ion:178 Resp: 24923
Ion Ratio Lower Upper
178 100
176 18.9 15.2 22.8
179 17.2 13.0 19.4





#73
 Carbazole
 Concen: 4.076 ng
 RT: 17.776 min Scan# 2449
 Delta R.T. -0.000 min
 Lab File: BG054320.D
 Acq: 19 Jul 2022 16:26

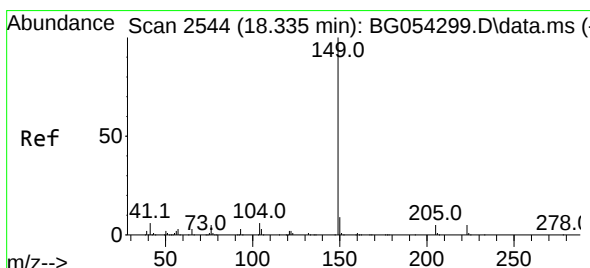
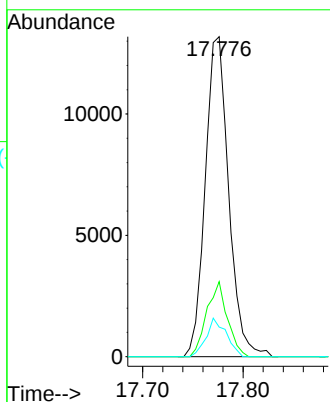
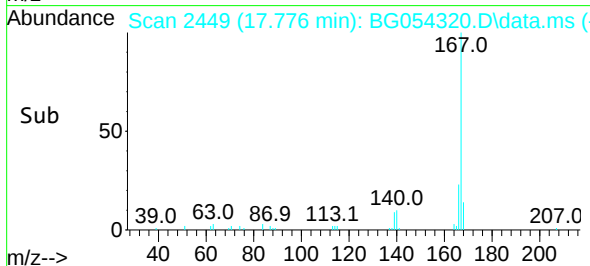
Instrument : BNA_G
 ClientSampleId :
 MDL-WATER-03-QT2-2022



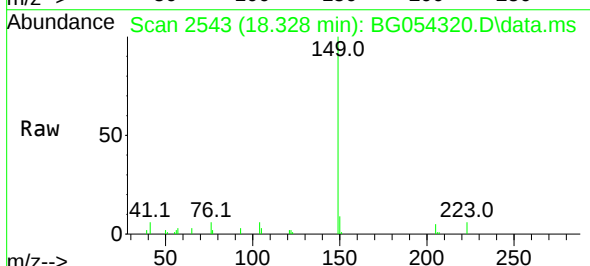
Tgt Ion:	167	Resp:	2141
Ion Ratio	Lower	Upper	
167	100		
166	23.4	18.2	27.2
139	9.2	10.1	15.1

Manual Integrations
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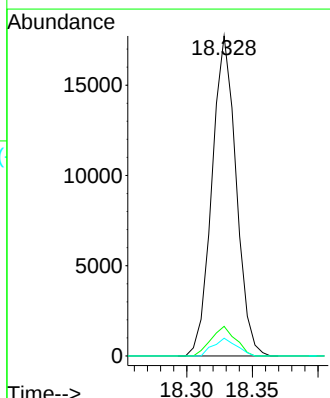
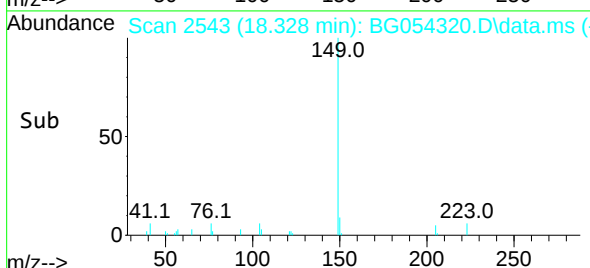
Reviewed By :Christian Giraldo 07/20/2022
 Supervised By :Jagrut Upadhyay 07/20/2022

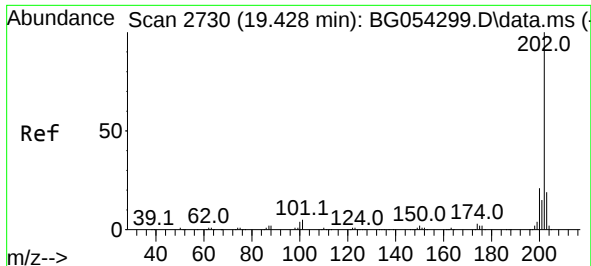


#74
 Di-n-butylphthalate
 Concen: 3.659 ng
 RT: 18.328 min Scan# 2543
 Delta R.T. -0.006 min
 Lab File: BG054320.D
 Acq: 19 Jul 2022 16:26



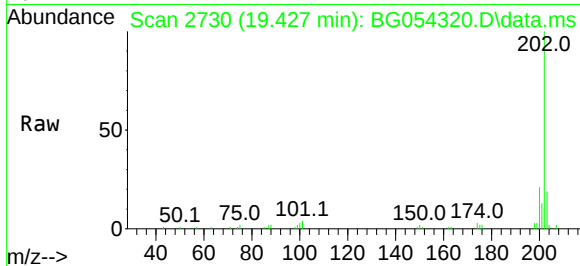
Tgt Ion:	149	Resp:	22681
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.7	11.5
104	5.5	5.4	8.0





#75
Fluoranthene
Concen: 3.894 ng
RT: 19.427 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG054320.D
Acq: 19 Jul 2022 16:26

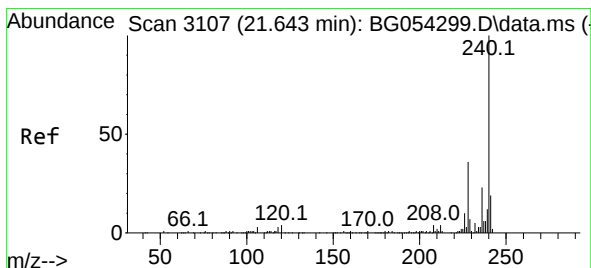
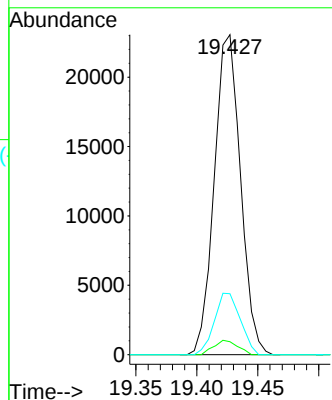
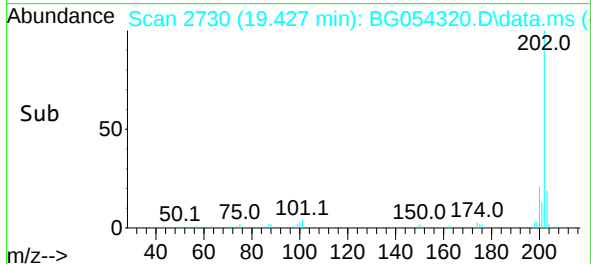
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2022



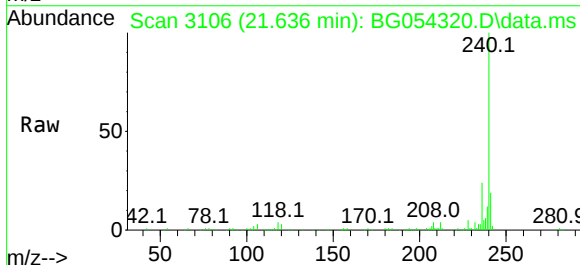
Tgt Ion:202 Resp: 3451
Ion Ratio Lower Upper
202 100
101 4.1 0.0 26.9
203 19.1 0.0 37.2

Manual Integrations
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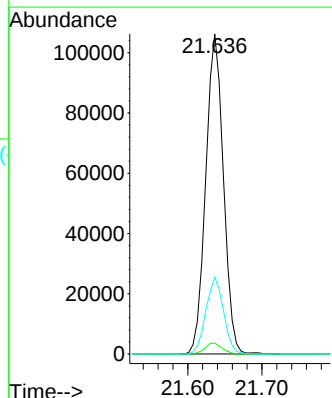
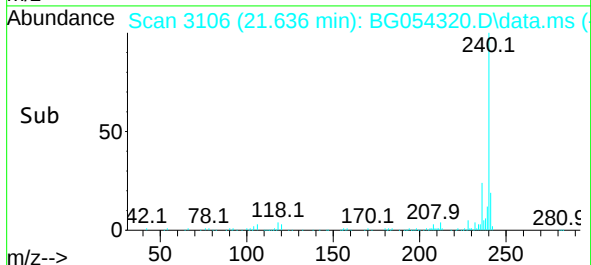
Reviewed By :Christian Giraldo 07/20/2022
Supervised By :Jagrut Upadhyay 07/20/2022

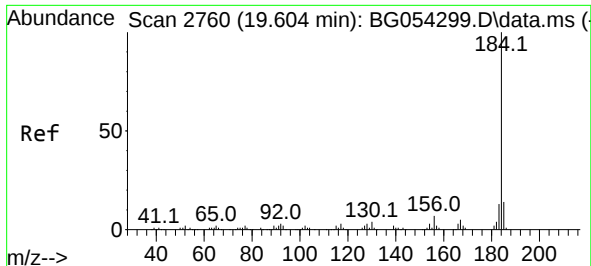


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.636 min Scan# 3106
Delta R.T. -0.007 min
Lab File: BG054320.D
Acq: 19 Jul 2022 16:26



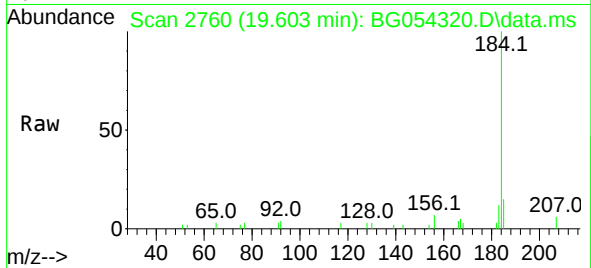
Tgt Ion:240 Resp: 176087
Ion Ratio Lower Upper
240 100
120 3.3 4.6 7.0#
236 23.9 20.2 30.4





#77
Benzidine
Concen: 5.069 ng
RT: 19.603 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG054320.D
Acq: 19 Jul 2022 16:26

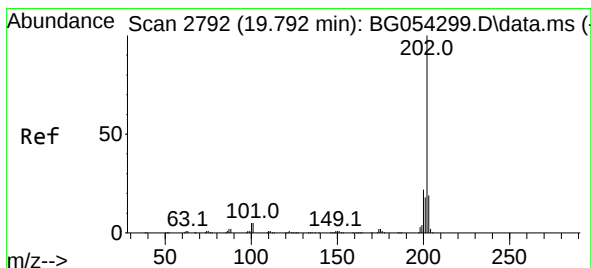
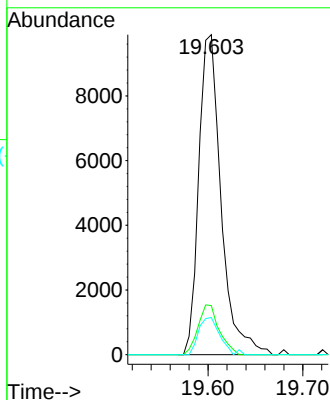
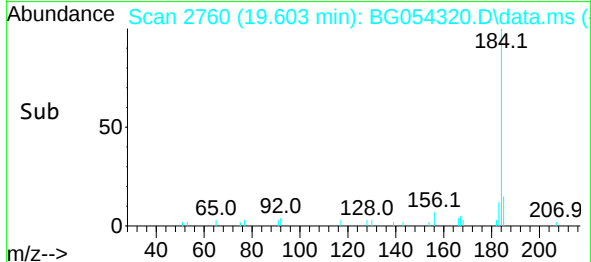
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2022



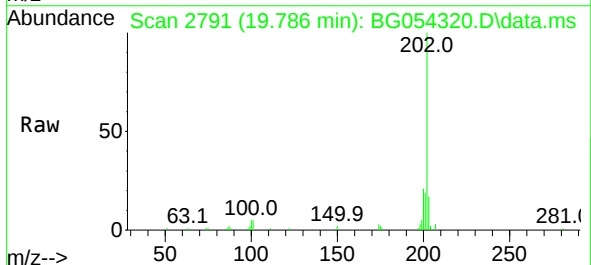
Tgt Ion:184 Resp: 1616
Ion Ratio Lower Upper
184 100
185 15.4 11.8 17.6
183 11.6 8.9 13.3

Manual Integrations
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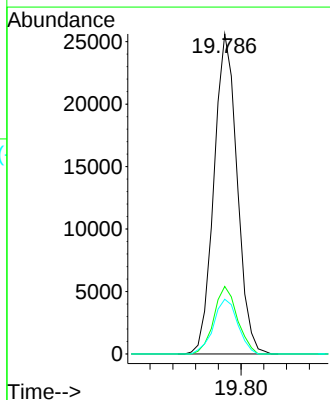
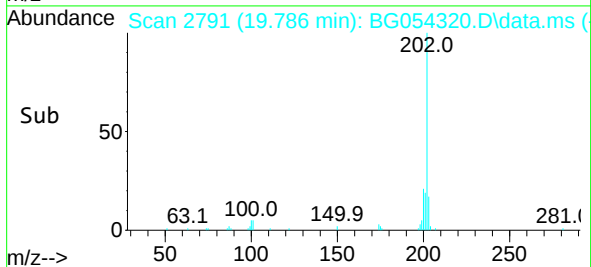
Reviewed By :Christian Giraldo 07/20/2022
Supervised By :Jagrut Upadhyay 07/20/2022

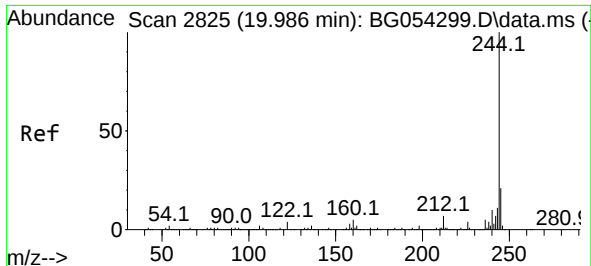


#78
Pyrene
Concen: 3.577 ng
RT: 19.786 min Scan# 2791
Delta R.T. -0.006 min
Lab File: BG054320.D
Acq: 19 Jul 2022 16:26



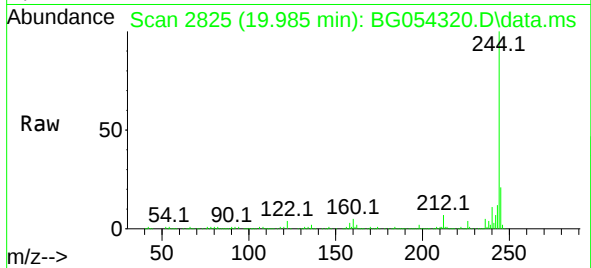
Tgt Ion:202 Resp: 36145
Ion Ratio Lower Upper
202 100
200 21.1 16.6 24.8
203 17.1 14.6 21.8





#79
 Terphenyl-d14
 Concen: 84.198 ng
 RT: 19.985 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG054320.D
 Acq: 19 Jul 2022 16:26

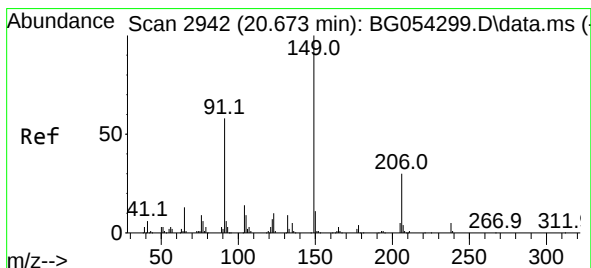
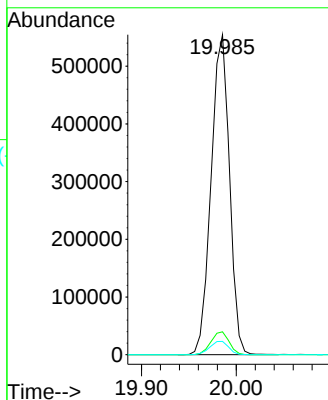
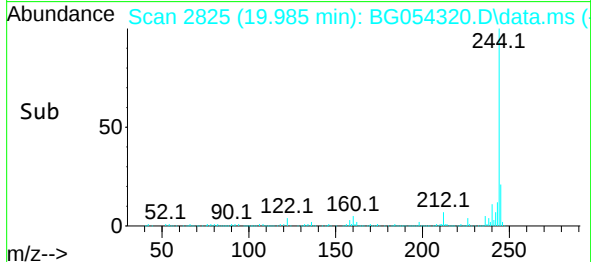
Instrument : BNA_G
 ClientSampleId :
 MDL-WATER-03-QT2-2022



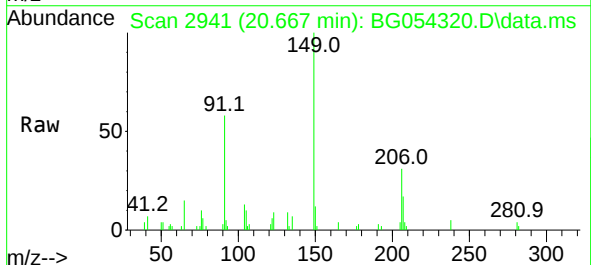
Tgt Ion:244 Resp: 747359
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.5 9.7
 122 4.2 5.0 7.4

Manual Integrations
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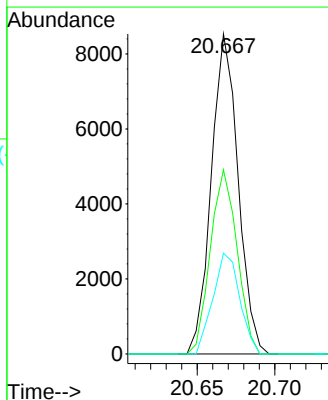
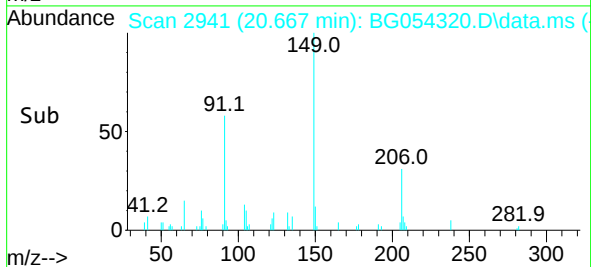
Reviewed By :Christian Giraldo 07/20/2022
 Supervised By :Jagrut Upadhyay 07/20/2022

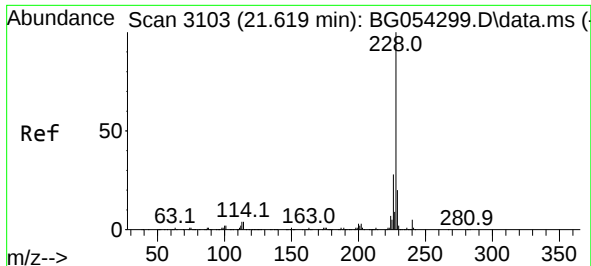


#80
 Butylbenzylphthalate
 Concen: 3.251 ng
 RT: 20.667 min Scan# 2941
 Delta R.T. -0.006 min
 Lab File: BG054320.D
 Acq: 19 Jul 2022 16:26



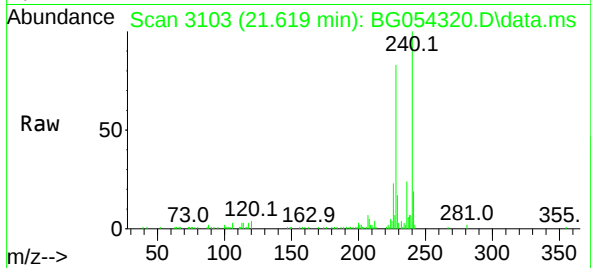
Tgt Ion:149 Resp: 10236
 Ion Ratio Lower Upper
 149 100
 91 57.6 59.6 89.4#
 206 31.5 18.6 28.0#





#81
Benzo(a)anthracene
Concen: 3.844 ng
RT: 21.619 min Scan# 3103
Delta R.T. -0.000 min
Lab File: BG054320.D
Acq: 19 Jul 2022 16:26

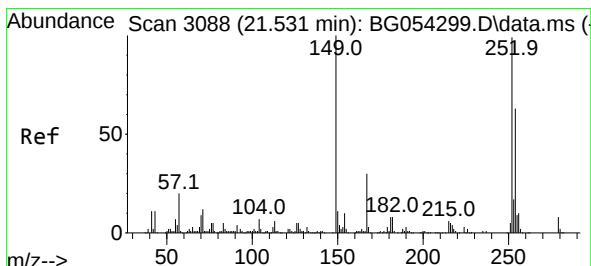
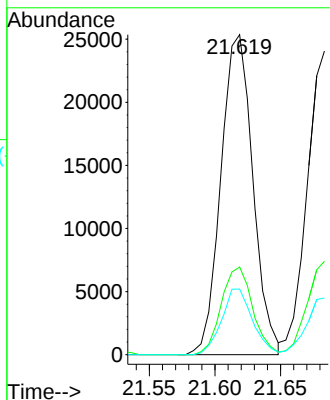
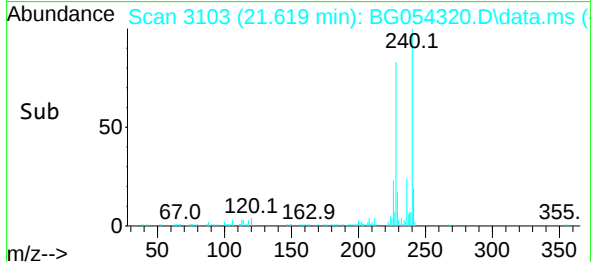
Instrument : BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2022



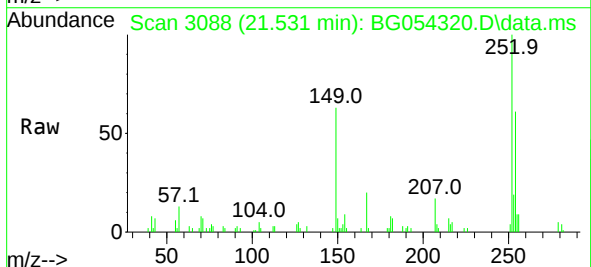
Tgt Ion:228 Resp: 4297
Ion Ratio Lower Upper
228 100
226 27.4 21.6 32.4
229 20.5 16.2 24.2

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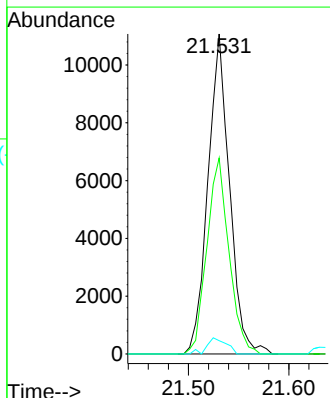
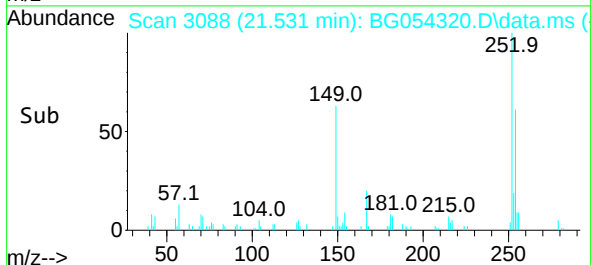
Reviewed By :Christian Giraldo 07/20/2022
Supervised By :Jagrut Upadhyay 07/20/2022

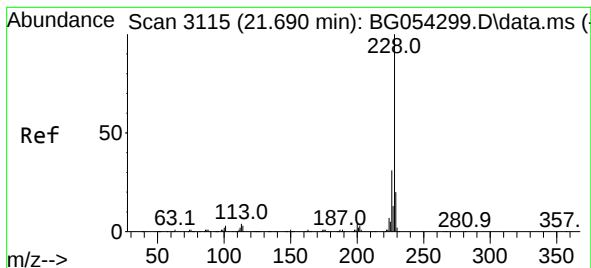


#82
3,3'-Dichlorobenzidine
Concen: 4.762 ng
RT: 21.531 min Scan# 3088
Delta R.T. -0.000 min
Lab File: BG054320.D
Acq: 19 Jul 2022 16:26



Tgt Ion:252 Resp: 16556
Ion Ratio Lower Upper
252 100
254 61.3 49.8 74.8
126 4.2 6.0 9.0#





#83

Chrysene

Concen: 3.716 ng

RT: 21.683 min Scan# 3115

Delta R.T. -0.006 min

Lab File: BG054320.D

Acq: 19 Jul 2022 16:26

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT2-2022

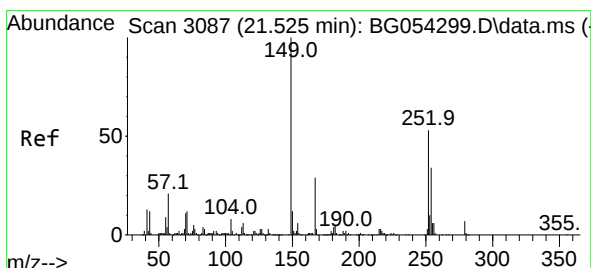
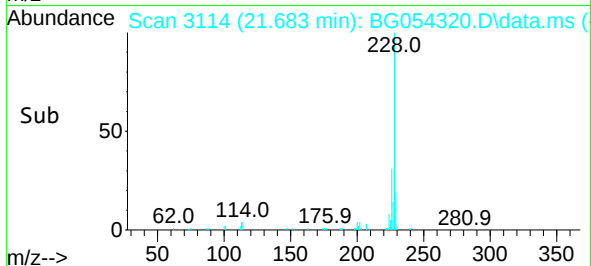
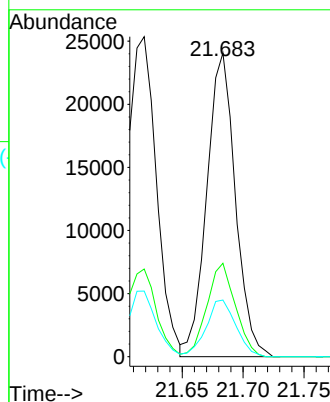
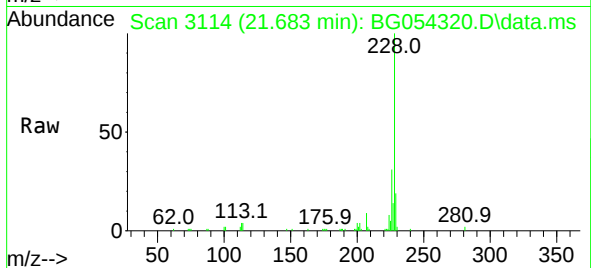
Tgt Ion:228 Resp: 39248
 Ion Ratio Lower Upper
 228 100
 226 30.8 23.4 35.2
 229 18.6 15.5 23.3

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Reviewed By :Christian Giraldo 07/20/2022

Supervised By :Jagrut Upadhyay 07/20/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.355 ng

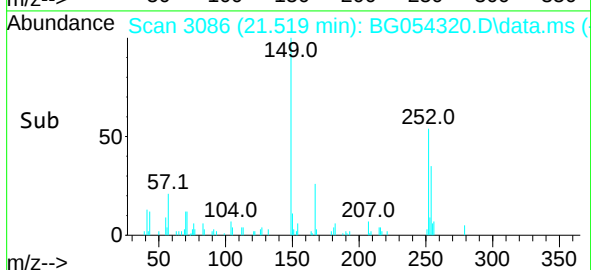
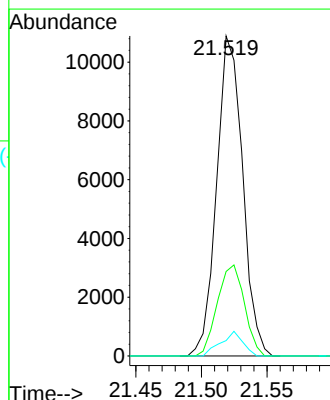
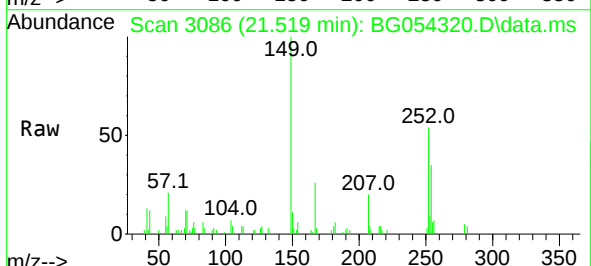
RT: 21.519 min Scan# 3086

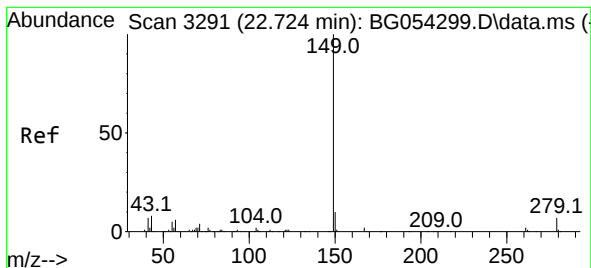
Delta R.T. -0.006 min

Lab File: BG054320.D

Acq: 19 Jul 2022 16:26

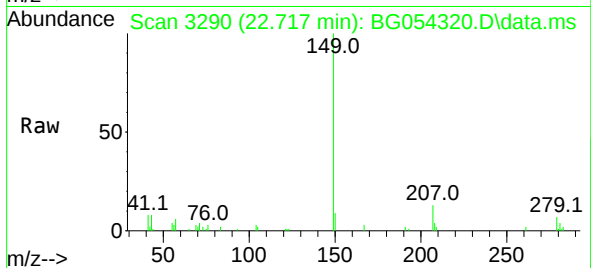
Tgt Ion:149 Resp: 14946
 Ion Ratio Lower Upper
 149 100
 167 26.4 20.2 30.4
 279 4.8 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 3.545 ng
RT: 22.717 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG054320.D
Acq: 19 Jul 2022 16:26

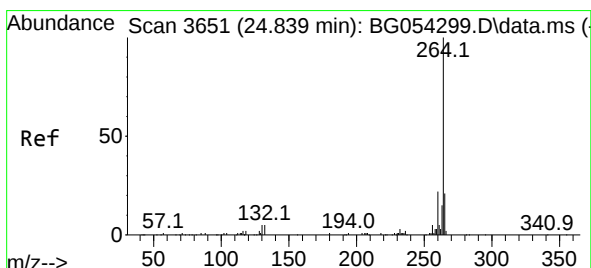
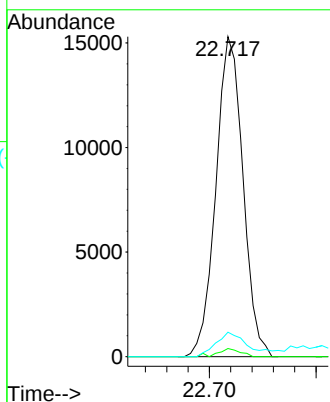
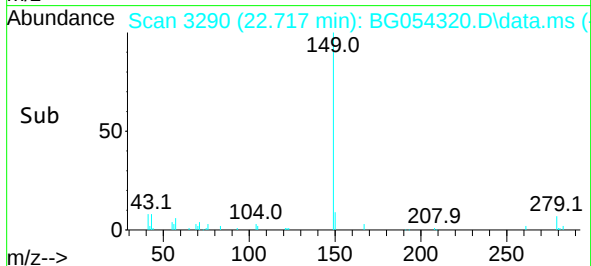
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion:149 Resp: 26948
Ion Ratio Lower Upper
149 100
167 2.1 1.3 1.9
43 9.1 9.0 13.4

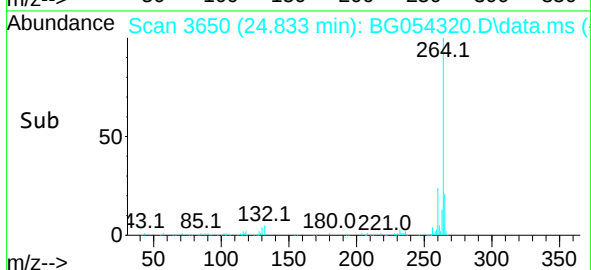
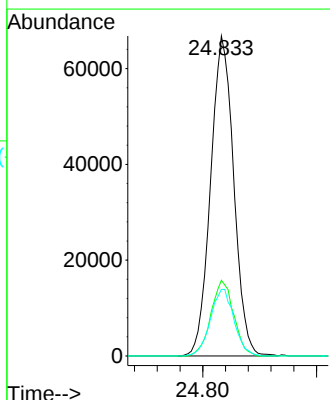
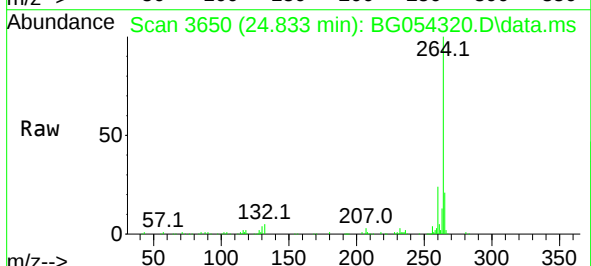
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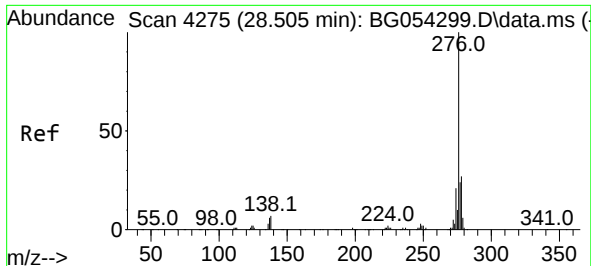
Reviewed By :Christian Giraldo 07/20/2022
Supervised By :Jagrut Upadhyay 07/20/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.833 min Scan# 3650
Delta R.T. -0.006 min
Lab File: BG054320.D
Acq: 19 Jul 2022 16:26

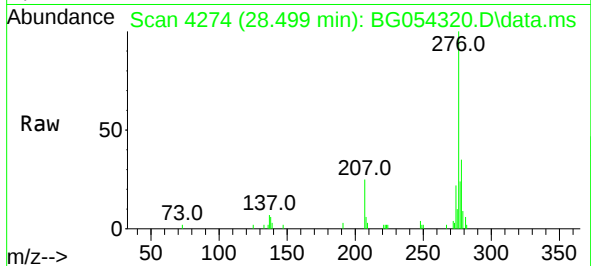
Tgt Ion:264 Resp: 188410
Ion Ratio Lower Upper
264 100
260 23.7 19.0 28.6
265 20.8 17.4 26.2





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.534 ng
 RT: 28.499 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: BG054320.D
 Acq: 19 Jul 2022 16:26

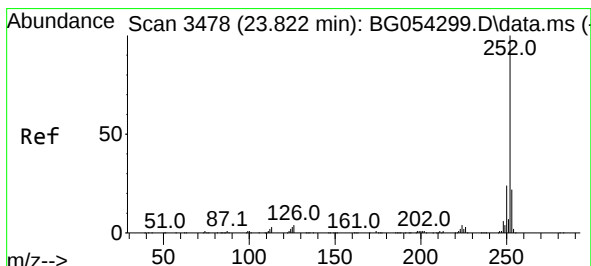
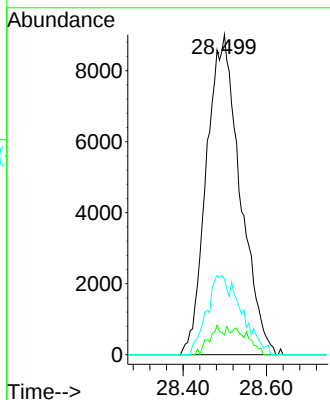
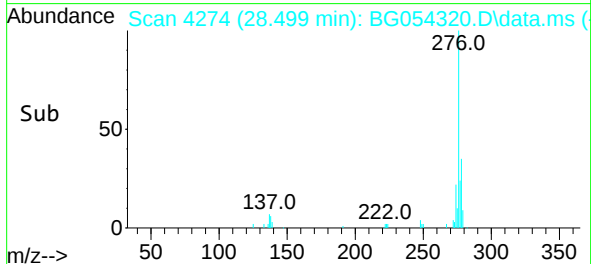
Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT2-2022



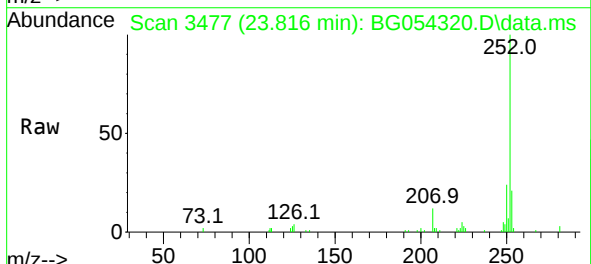
Tgt Ion:276 Resp: 5065
 Ion Ratio Lower Upper
 276 100
 138 3.8 5.0 7.4
 277 15.7 20.3 30.5

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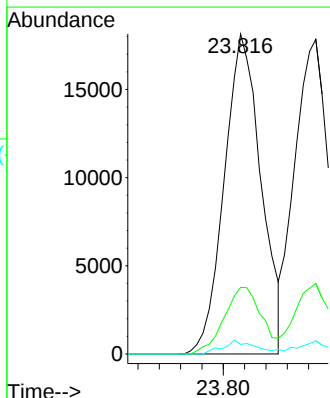
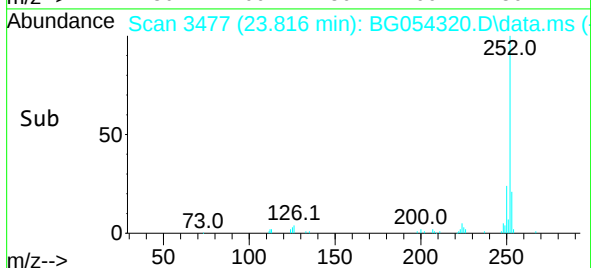
Reviewed By :Christian Giraldo 07/20/2022
 Supervised By :Jagrut Upadhyay 07/20/2022

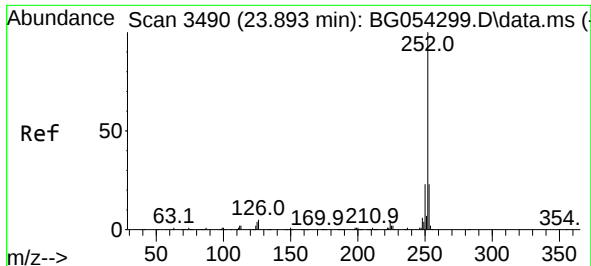


#88
 Benzo(b)fluoranthene
 Concen: 3.899 ng
 RT: 23.816 min Scan# 3477
 Delta R.T. -0.006 min
 Lab File: BG054320.D
 Acq: 19 Jul 2022 16:26



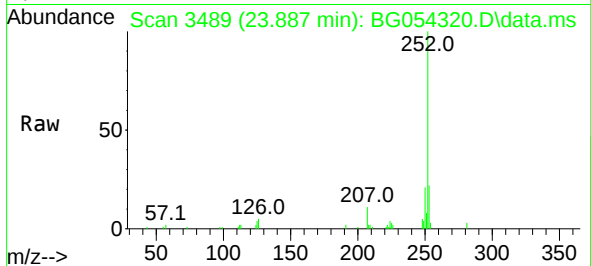
Tgt Ion:252 Resp: 43449
 Ion Ratio Lower Upper
 252 100
 253 20.8 18.0 27.0
 125 3.0 4.6 6.8





#89
Benzo(k)fluoranthene
Concen: 3.837 ng
RT: 23.887 min Scan# 3490
Delta R.T. -0.006 min
Lab File: BG054320.D
Acq: 19 Jul 2022 16:26

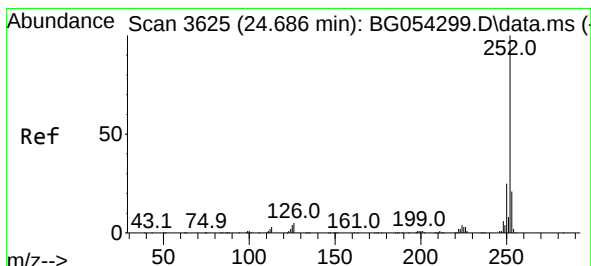
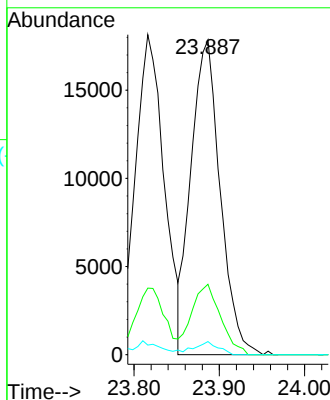
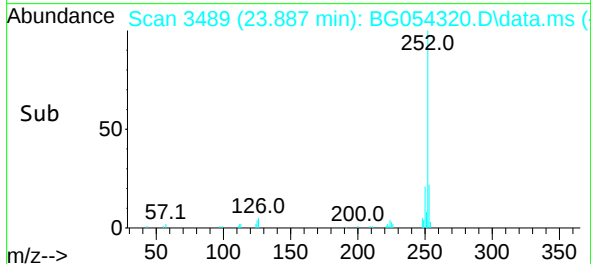
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2022



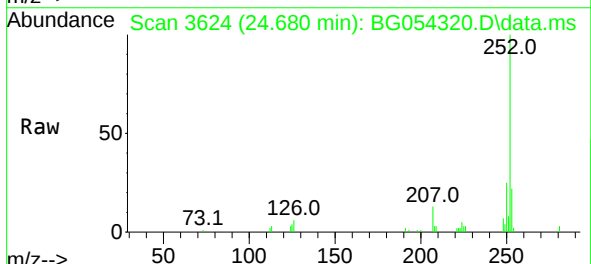
Tgt Ion:252 Resp: 42544
Ion Ratio Lower Upper
252 100
253 22.4 18.4 27.6
125 4.1 4.8 7.2

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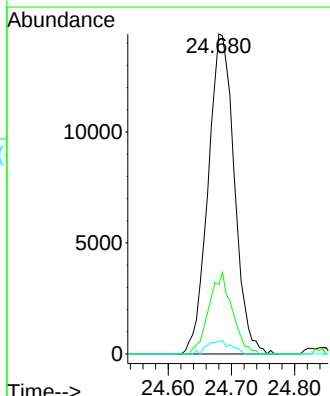
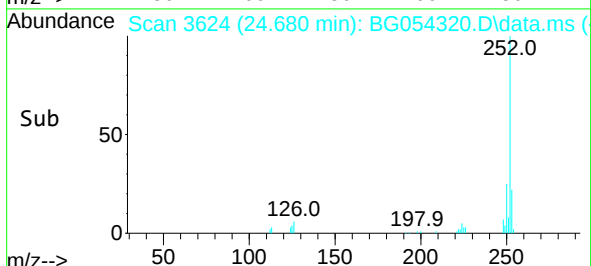
Reviewed By :Christian Giraldo 07/20/2022
Supervised By :Jagrut Upadhyay 07/20/2022

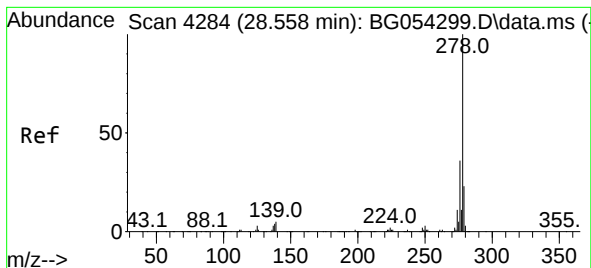


#90
Benzo(a)pyrene
Concen: 4.355 ng
RT: 24.680 min Scan# 3624
Delta R.T. -0.006 min
Lab File: BG054320.D
Acq: 19 Jul 2022 16:26



Tgt Ion:252 Resp: 41440
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.8
125 4.0 4.3 6.5





#91

Dibenzo(a,h)anthracene

Concen: 3.853 ng

RT: 28.540 min Scan# 4281

Delta R.T. -0.018 min

Lab File: BG054320.D

Acq: 19 Jul 2022 16:26

Instrument :

BNA_G

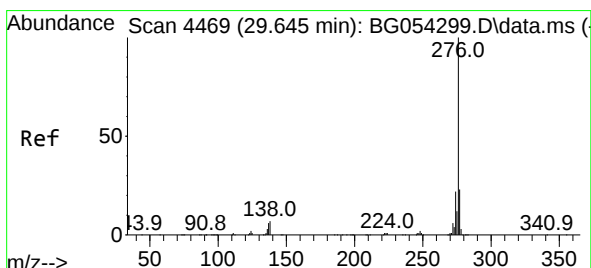
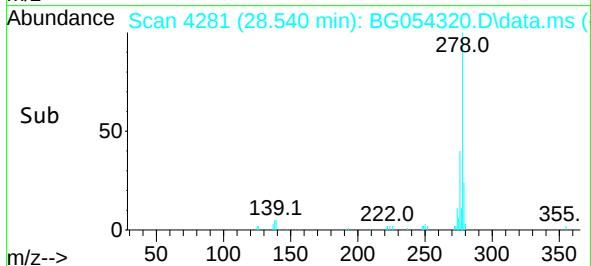
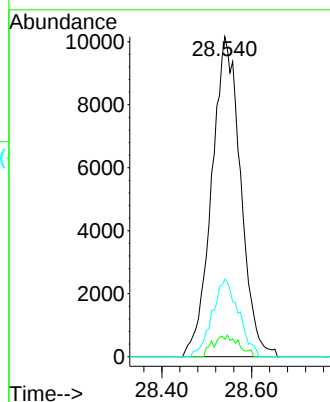
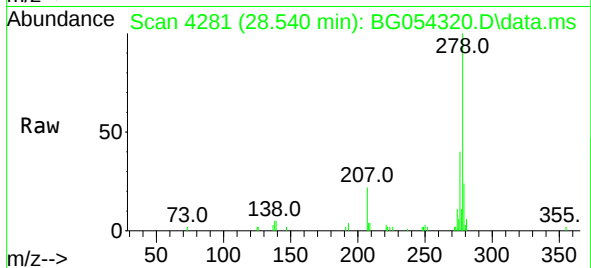
ClientSampleId :

MDL-WATER-03-QT2-2022

Tgt Ion:278 Resp: 45415
 Ion Ratio Lower Upper
 278 100
 139 5.5 7.2 10.8#
 279 24.2 18.6 27.8

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Reviewed By :Christian Giraldo 07/20/2022
 Supervised By :Jagrut Upadhyay 07/20/2022



#92

Benzo(g,h,i)perylene

Concen: 3.704 ng

RT: 29.633 min Scan# 4467

Delta R.T. -0.012 min

Lab File: BG054320.D

Acq: 19 Jul 2022 16:26

Tgt Ion:276 Resp: 43091
 Ion Ratio Lower Upper
 276 100
 277 26.0 17.3 25.9#
 138 6.3 9.6 14.4#

