

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071822\
 Data File : BG054311.D
 Acq On : 18 Jul 2022 14:29
 Operator : CG/JU
 Sample : N3214-08
 Misc : LOQ-water-10ppm
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT2-2022

Quant Time: Jul 18 15:30:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 18 14:19:07 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/19/2022
 Supervised By :Jagrut Upadhyay 07/19/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.997	152	17472	20.000	ng	0.00
21) Naphthalene-d8	10.806	136	62519	20.000	ng	# 0.00
39) Acenaphthene-d10	14.637	164	48769	20.000	ng	0.00
64) Phenanthrene-d10	17.381	188	135324	20.000	ng	# 0.00
76) Chrysene-d12	21.646	240	177659	20.000	ng	# 0.00
86) Perylene-d12	24.842	264	191711	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.565	112	126239	150.854	ng	0.00
7) Phenol-d6	7.163	99	168947	147.338	ng	0.00
23) Nitrobenzene-d5	9.161	82	93059	81.059	ng	0.00
42) 2,4,6-Tribromophenol	16.123	330	158812	155.095	ng	0.00
45) 2-Fluorobiphenyl	13.256	172	290523	84.037	ng	0.00
79) Terphenyl-d14	19.989	244	739169	82.538	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.432	88	3102m	9.318	ng	
3) Pyridine	3.838	79	7050	8.348	ng	# 85
4) n-Nitrosodimethylamine	3.755	42	4045	8.566	ng	# 72
6) Aniline	7.322	93	12885	9.735	ng	98
8) 2-Chlorophenol	7.563	128	8585	8.927	ng	93
9) Benzaldehyde	7.134	77	7398	11.485	ng	# 72
10) Phenol	7.193	94	10308	9.048	ng	91
11) bis(2-Chloroethyl)ether	7.416	93	7558	9.099	ng	89
12) 1,3-Dichlorobenzene	7.892	146	11204m	9.562	ng	
13) 1,4-Dichlorobenzene	8.039	146	11377	9.402	ng	94
14) 1,2-Dichlorobenzene	8.356	146	10982	9.624	ng	92
15) Benzyl Alcohol	8.232	79	8185	8.679	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.520	45	8889	8.497	ng	91
17) 2-Methylphenol	8.444	107	7231	8.806	ng	90
18) Hexachloroethane	9.079	117	3967	9.901	ng	# 70
19) n-Nitroso-di-n-propyla...	8.797	70	6516	8.510	ng	# 87
20) 3+4-Methylphenols	8.773	107	9305	8.042	ng	96
22) Acetophenone	8.814	105	13941	9.271	ng	# 97
24) Nitrobenzene	9.202	77	10352	9.227	ng	# 89
25) Isophorone	9.719	82	18252	9.141	ng	# 94
26) 2-Nitrophenol	9.919	139	5095	9.009	ng	# 85
27) 2,4-Dimethylphenol	9.977	122	8261	10.574	ng	93
28) bis(2-Chloroethoxy)met...	10.207	93	9913	9.844	ng	# 98
29) 2,4-Dichlorophenol	10.459	162	10697	9.071	ng	87
30) 1,2,4-Trichlorobenzene	10.671	180	14093	9.650	ng	98
31) Naphthalene	10.859	128	28518	9.087	ng	96
32) Benzoic acid	10.148	122	2682m	10.762	ng	
33) 4-Chloroaniline	10.965	127	11784	9.233	ng	92
34) Hexachlorobutadiene	11.141	225	12133	9.400	ng	93
35) Caprolactam	11.711	113	2451	8.255	ng	# 70
36) 4-Chloro-3-methylphenol	12.093	107	9189	8.565	ng	92
37) 2-Methylnaphthalene	12.463	142	21191	8.793	ng	99
38) 1-Methylnaphthalene	12.680	142	21035	8.957	ng	93
40) 1,2,4,5-Tetrachloroben...	12.833	216	21604	10.111	ng	# 93
41) Hexachlorocyclopentadiene	12.815	237	6674	13.314	ng	93
43) 2,4,6-Trichlorophenol	13.074	196	10361	8.906	ng	99

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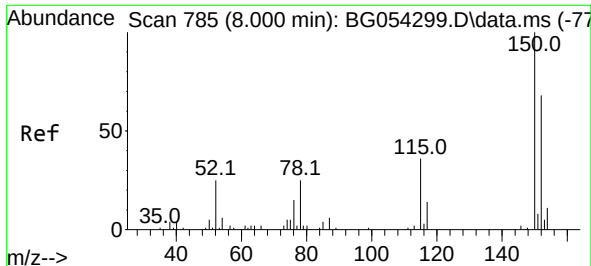
Quant Time: Jul 18 15:30:54 2022
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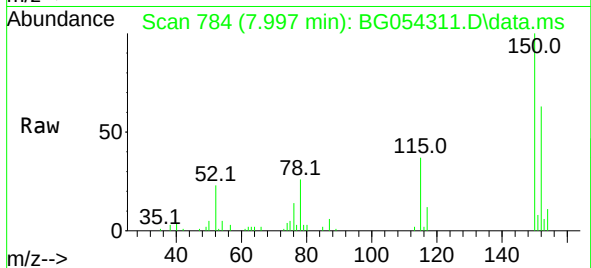
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.150	196	11704	8.904	ng	# 89
46) 1,1'-Biphenyl	13.468	154	32366	9.701	ng	97
47) 2-Chloronaphthalene	13.509	162	25877	9.268	ng	94
48) 2-Nitroaniline	13.708	65	6458	8.862	ng	89
49) Acenaphthylene	14.355	152	40546	9.773	ng	98
50) Dimethylphthalate	14.079	163	34632	9.091	ng	# 97
51) 2,6-Dinitrotoluene	14.202	165	7521	9.001	ng	# 70
52) Acenaphthene	14.695	154	23004	9.156	ng	98
53) 3-Nitroaniline	14.531	138	5794	8.291	ng	# 90
54) 2,4-Dinitrophenol	14.754	184	4076	10.040	ng	# 76
55) Dibenzofuran	15.030	168	41940	9.382	ng	# 95
56) 4-Nitrophenol	14.860	139	3550	7.614	ng	90
57) 2,4-Dinitrotoluene	14.995	165	10600	8.850	ng	# 84
58) Fluorene	15.677	166	33779	9.191	ng	92
59) 2,3,4,6-Tetrachlorophenol	15.265	232	11407	8.913	ng	# 79
60) Diethylphthalate	15.442	149	33270	9.104	ng	95
61) 4-Chlorophenyl-phenyle...	15.671	204	23899	9.906	ng	# 89
62) 4-Nitroaniline	15.694	138	6662	9.074	ng	# 85
63) Azobenzene	15.965	77	24229	9.176	ng	# 79
65) 4,6-Dinitro-2-methylph...	15.765	198	7630	9.126	ng	77
66) n-Nitrosodiphenylamine	15.882	169	30292	8.966	ng	99
67) 4-Bromophenyl-phenylether	16.564	248	16793	8.836	ng	90
68) Hexachlorobenzene	16.693	284	20419	9.395	ng	# 89
69) Atrazine	16.828	200	15901	10.576	ng	95
70) Pentachlorophenol	17.040	266	7906	9.296	ng	94
71) Phenanthrene	17.422	178	62458	9.268	ng	98
72) Anthracene	17.510	178	62713	9.483	ng	99
73) Carbazole	17.780	167	52212	9.590	ng	97
74) Di-n-butylphthalate	18.332	149	58077	9.039	ng	97
75) Fluoranthene	19.431	202	86471	9.413	ng	97
77) Benzidine	19.607	184	39766	12.359	ng	98
78) Pyrene	19.790	202	90265	8.855	ng	99
80) Butylbenzylphthalate	20.671	149	26229	8.257	ng	# 83
81) Benzo(a)anthracene	21.623	228	102649	9.102	ng	99
82) 3,3'-Dichlorobenzidine	21.535	252	38894	11.089	ng	# 95
83) Chrysene	21.687	228	95489	8.962	ng	99
84) Bis(2-ethylhexyl)phtha...	21.529	149	38987	8.673	ng	# 90
85) Di-n-octyl phthalate	22.721	149	66151	8.626	ng	# 92
87) Indeno(1,2,3-cd)pyrene	28.509	276	125658	8.616	ng	# 98
88) Benzo(b)fluoranthene	23.826	252	107126	9.449	ng	# 96
89) Benzo(k)fluoranthene	23.896	252	103841	9.203	ng	# 95
90) Benzo(a)pyrene	24.696	252	103109	10.649	ng	# 97
91) Dibenzo(a,h)anthracene	28.562	278	110407	9.206	ng	# 97
92) Benzo(g,h,i)perylene	29.643	276	109010	9.210	ng	# 90

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.997 min Scan# 7
Delta R.T. -0.003 min
Lab File: BG054311.D
Acq: 18 Jul 2022 14:29

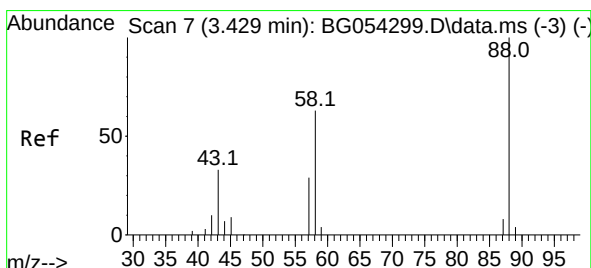
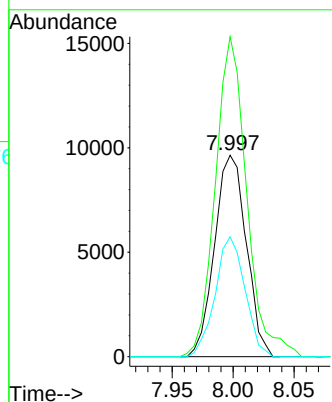
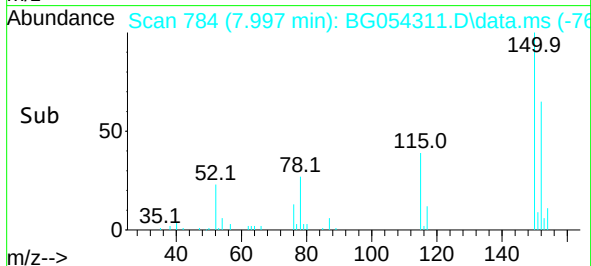
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2022



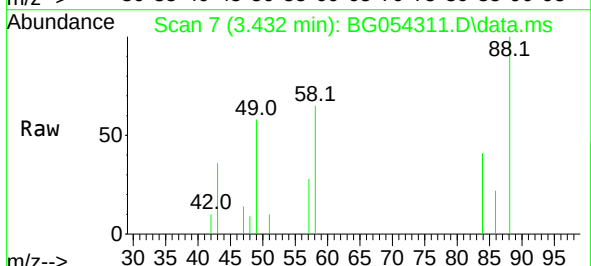
Tgt Ion: 152 Resp: 1747
Ion Ratio Lower Upper
152 100
150 158.8 131.6 197.4
115 59.4 50.9 76.3

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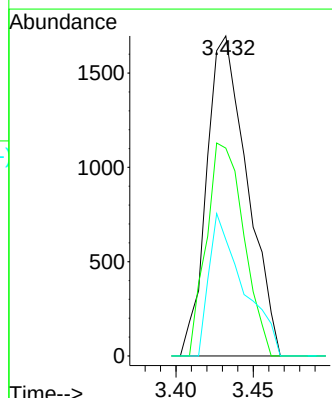
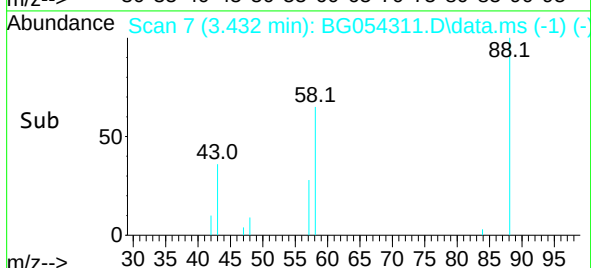
Reviewed By : Christian Giraldo 07/19/2022
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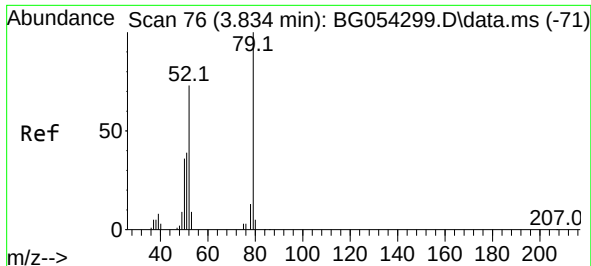


#2
1,4-Dioxane
Concen: 9.318 ng m
RT: 3.432 min Scan# 7
Delta R.T. 0.004 min
Lab File: BG054311.D
Acq: 18 Jul 2022 14:29



Tgt Ion: 88 Resp: 3102
Ion Ratio Lower Upper
88 100
58 61.1 59.2 88.8
43 37.4 24.3 36.5





#3

Pyridine

Concen: 8.348 ng

RT: 3.838 min Scan# 70

Delta R.T. 0.004 min

Lab File: BG054311.D

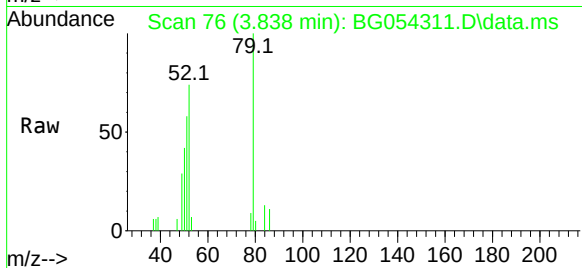
Acq: 18 Jul 2022 14:29

Instrument :

BNA_G

ClientSampleId :

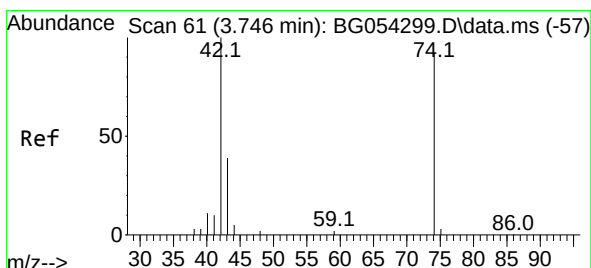
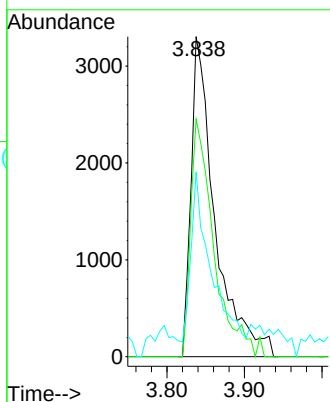
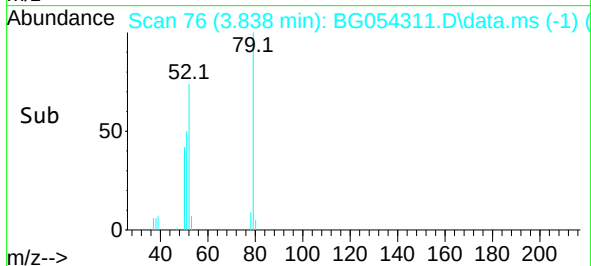
LOQ-WATER-02-QT2-2022



Tgt Ion: 79	Resp: 7050
Ion Ratio	Lower Upper
79	100
52	74.3 54.6 81.8
51	57.8 32.5 48.7

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#4

n-Nitrosodimethylamine

Concen: 8.566 ng

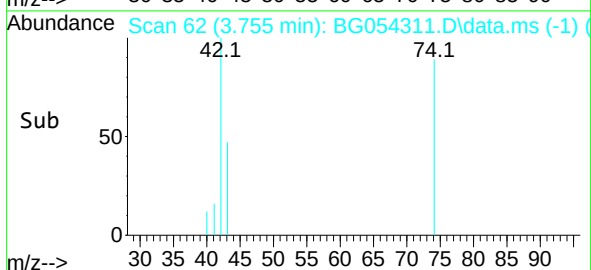
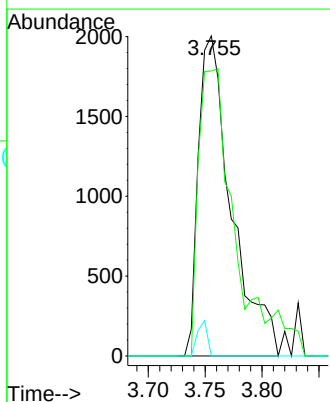
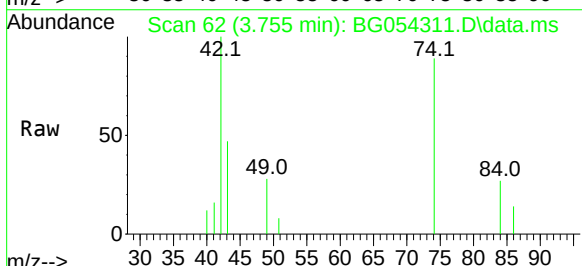
RT: 3.755 min Scan# 62

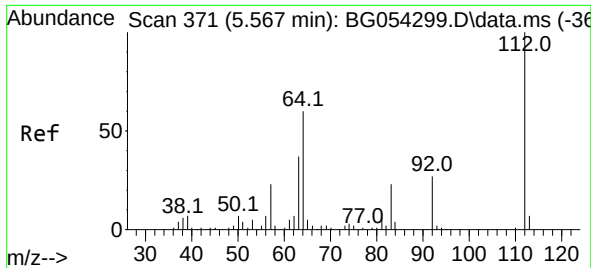
Delta R.T. 0.009 min

Lab File: BG054311.D

Acq: 18 Jul 2022 14:29

Tgt Ion: 42	Resp: 4045
Ion Ratio	Lower Upper
42	100
74	89.1 97.0 145.4#
44	0.0 7.0 10.4#





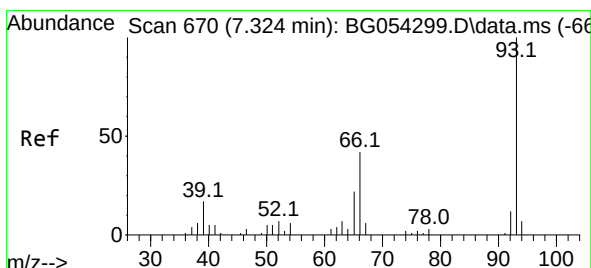
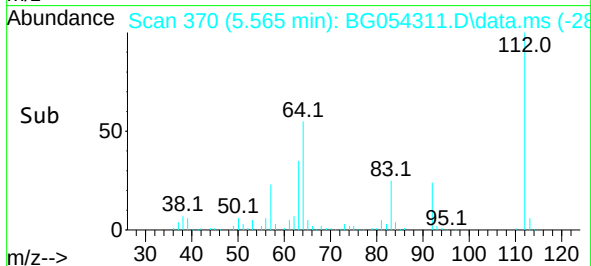
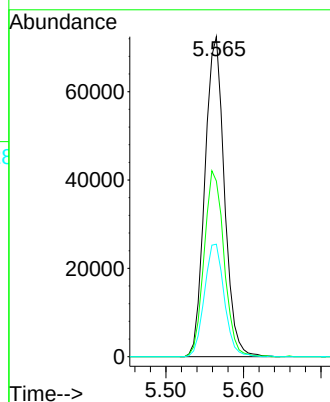
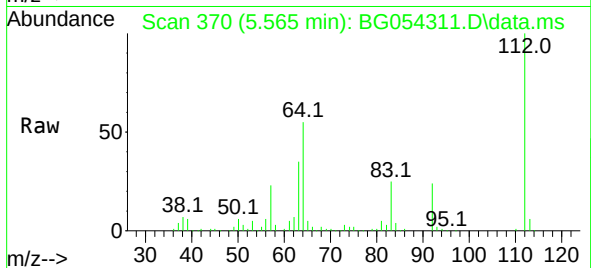
#5
2-Fluorophenol
Concen: 150.854 ng
RT: 5.565 min Scan# 311
Delta R.T. -0.002 min
Lab File: BG054311.D
Acq: 18 Jul 2022 14:29

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2022

Tgt Ion:112 Resp: 126239
Ion Ratio Lower Upper
112 100
64 54.9 55.1 82.7
63 35.1 30.4 45.6

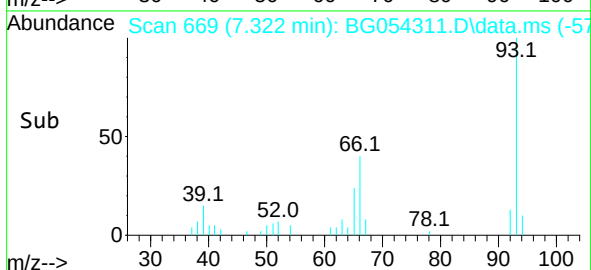
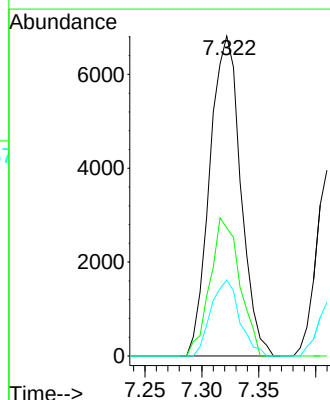
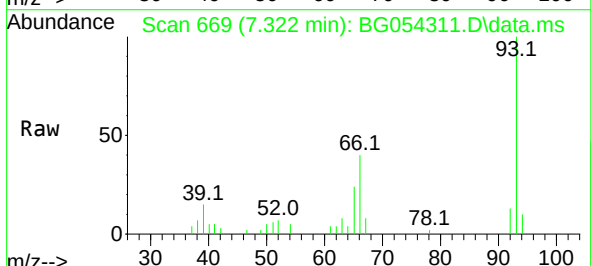
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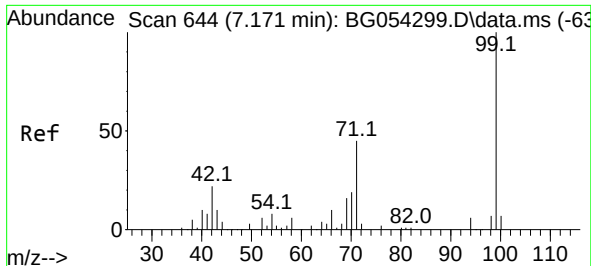
Reviewed By :Christian Giraldo 07/19/2022
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#6
Aniline
Concen: 9.735 ng
RT: 7.322 min Scan# 669
Delta R.T. -0.002 min
Lab File: BG054311.D
Acq: 18 Jul 2022 14:29

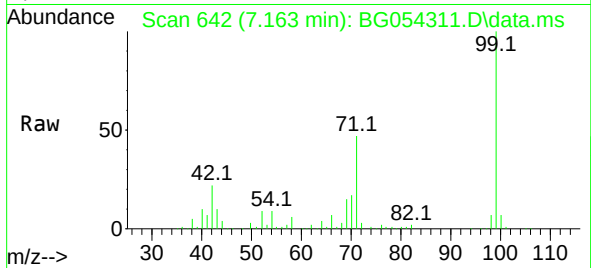
Tgt Ion: 93 Resp: 12885
Ion Ratio Lower Upper
93 100
66 40.0 32.9 49.3
65 23.8 17.8 26.8





#7
Phenol-d6
Concen: 147.338 ng
RT: 7.163 min Scan# 644
Delta R.T. -0.008 min
Lab File: BG054311.D
Acq: 18 Jul 2022 14:29

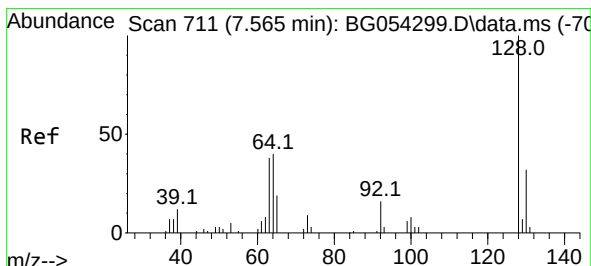
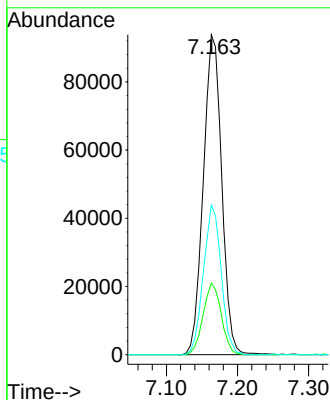
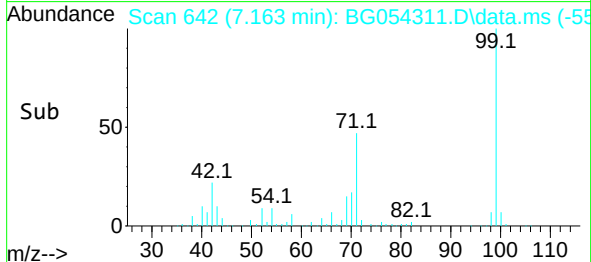
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion: 99 Resp: 16894
Ion Ratio Lower Upper
99 100
42 22.4 17.0 25.6
71 46.8 33.8 50.8

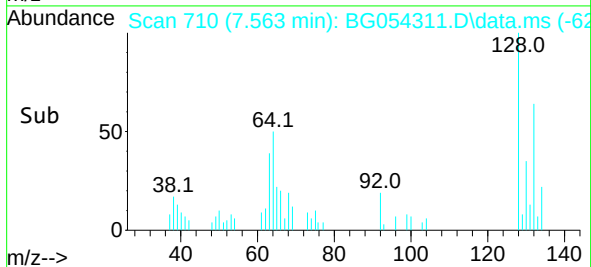
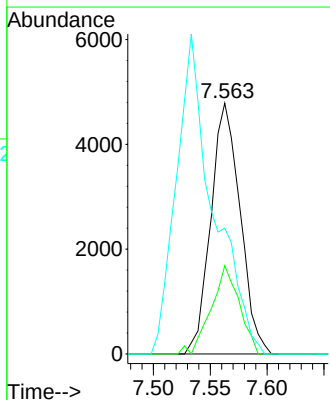
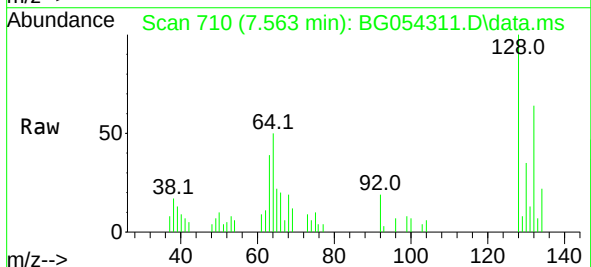
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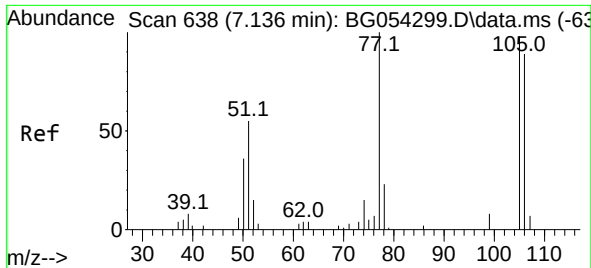
Reviewed By :Christian Giraldo 07/19/2022
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#8
2-Chlorophenol
Concen: 8.927 ng
RT: 7.563 min Scan# 710
Delta R.T. -0.002 min
Lab File: BG054311.D
Acq: 18 Jul 2022 14:29

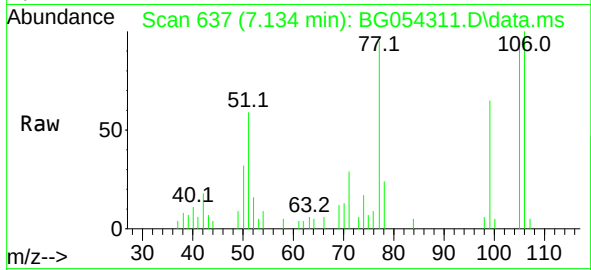
Tgt Ion:128 Resp: 8585
Ion Ratio Lower Upper
128 100
130 35.2 10.5 50.5
64 50.2 35.1 75.1





#9
Benzaldehyde
Concen: 11.485 ng
RT: 7.134 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG054311.D
Acq: 18 Jul 2022 14:29

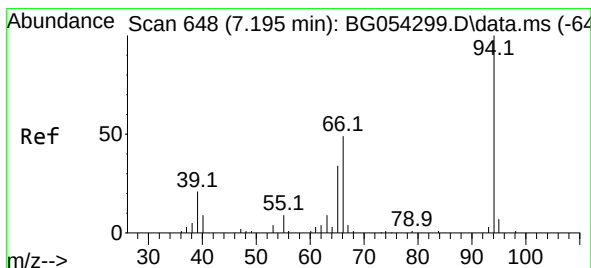
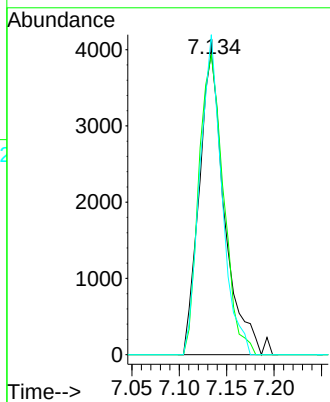
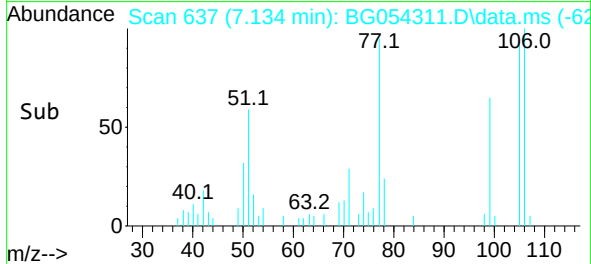
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion: 77 Resp: 7398
Ion Ratio Lower Upper
77 100
105 99.0 59.6 99.6
106 105.8 56.8 96.8

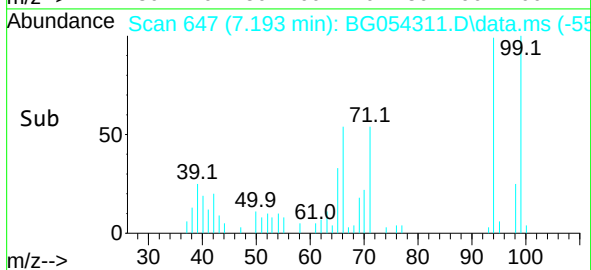
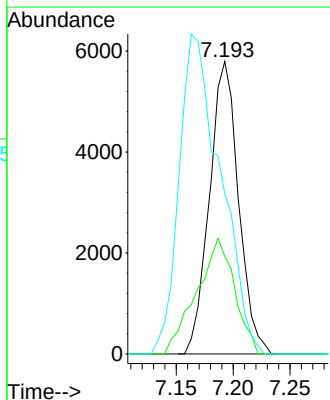
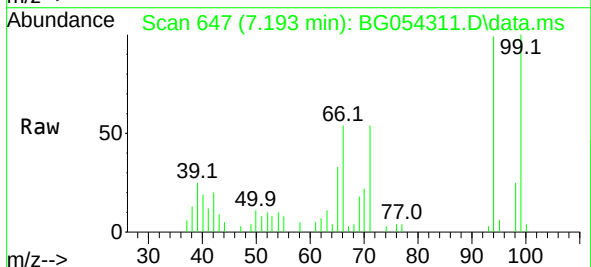
Manual Integrations
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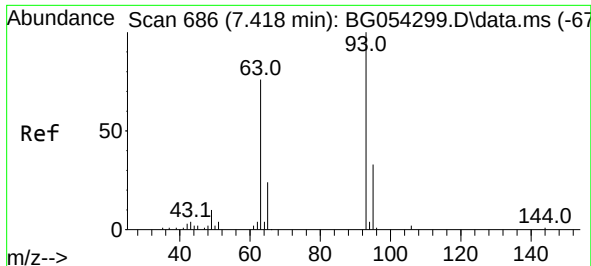
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022



#10
Phenol
Concen: 9.048 ng
RT: 7.193 min Scan# 647
Delta R.T. -0.002 min
Lab File: BG054311.D
Acq: 18 Jul 2022 14:29

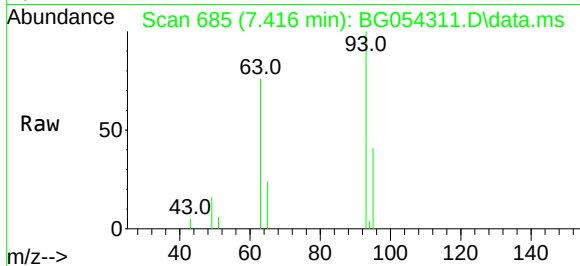
Tgt Ion: 94 Resp: 10308
Ion Ratio Lower Upper
94 100
65 33.4 14.8 54.8
66 54.8 25.2 65.2





#11
bis(2-Chloroethyl)ether
Concen: 9.099 ng
RT: 7.416 min Scan# 686
Delta R.T. -0.002 min
Lab File: BG054311.D
Acq: 18 Jul 2022 14:29

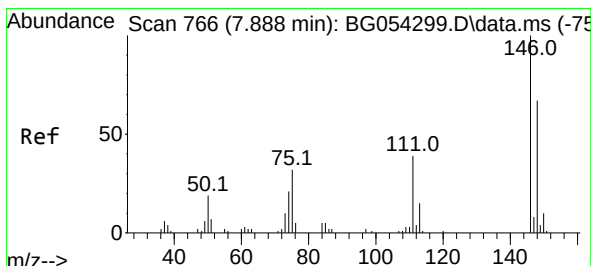
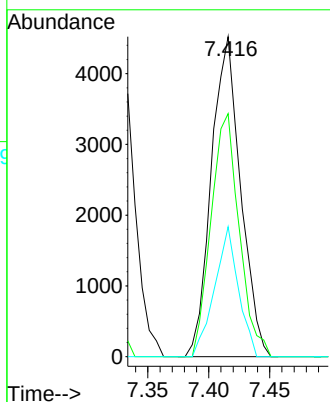
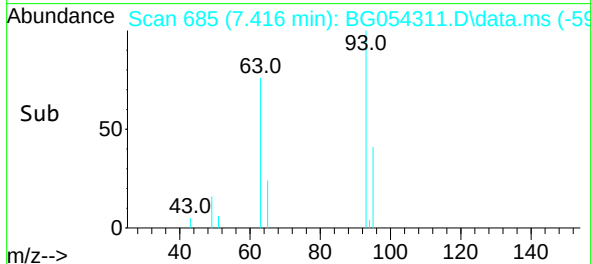
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2022



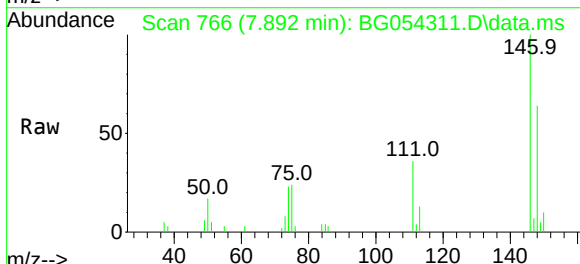
Tgt Ion: 93 Resp: 7558
Ion Ratio Lower Upper
93 100
63 76.0 63.6 103.6
95 40.6 10.1 50.1

Manual Integrations
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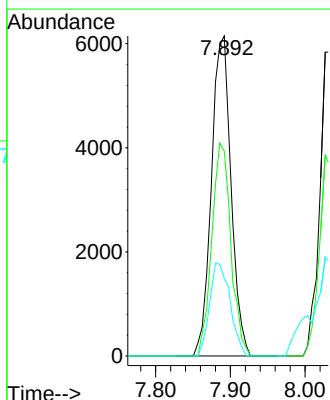
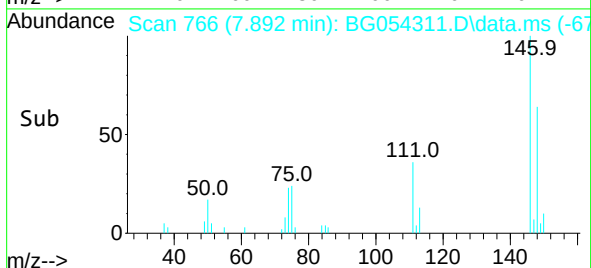
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022

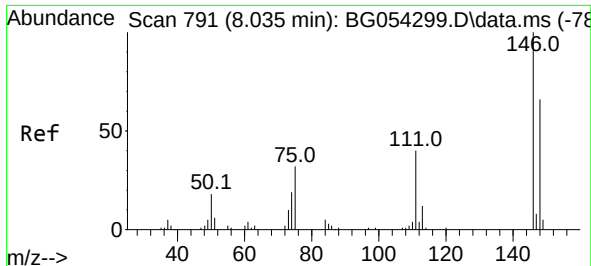


#12
1,3-Dichlorobenzene
Concen: 9.562 ng m
RT: 7.892 min Scan# 766
Delta R.T. 0.004 min
Lab File: BG054311.D
Acq: 18 Jul 2022 14:29



Tgt Ion:146 Resp: 11204
Ion Ratio Lower Upper
146 100
148 64.0 46.1 69.1
75 24.4 27.6 41.4#





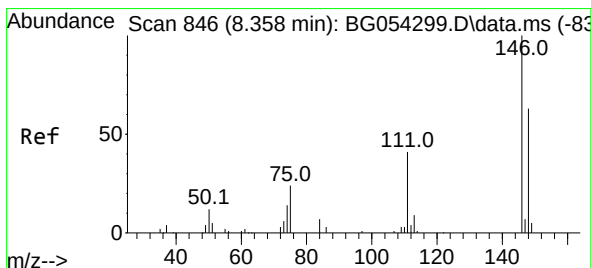
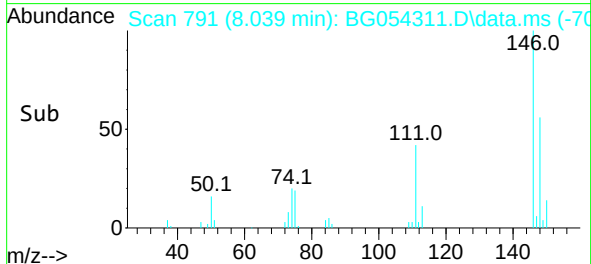
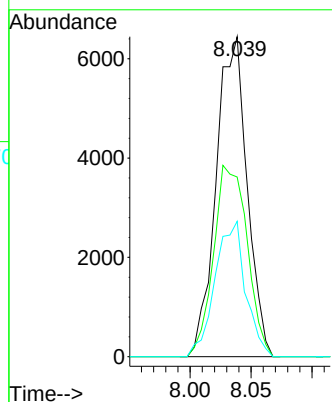
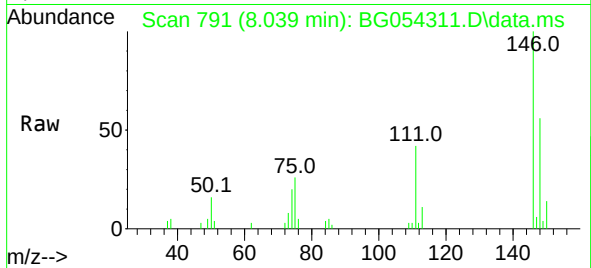
#13
1,4-Dichlorobenzene
Concen: 9.402 ng
RT: 8.039 min Scan# 791
Delta R.T. 0.004 min
Lab File: BG054311.D
Acq: 18 Jul 2022 14:29

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2022

Tgt Ion:146 Resp: 1137
Ion Ratio Lower Upper
146 100
148 56.2 51.5 77.3
111 42.3 33.9 50.9

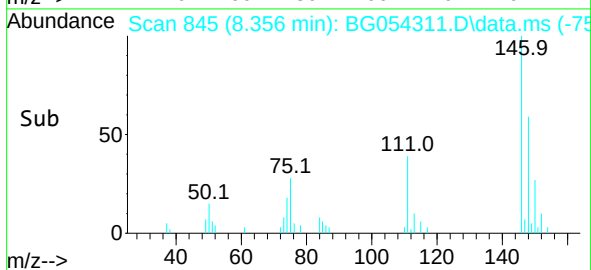
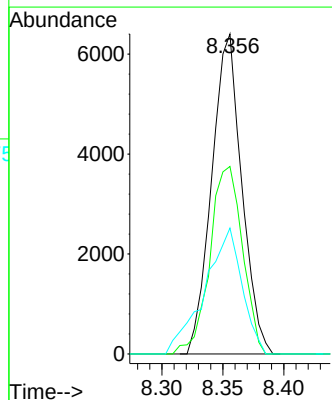
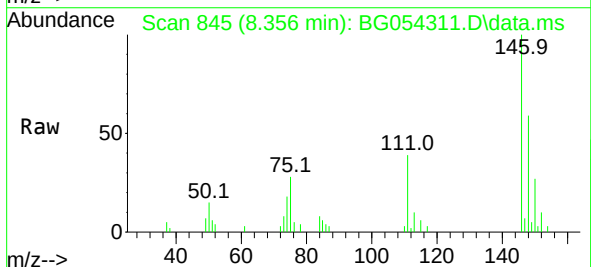
Manual Integrations
APPROVED

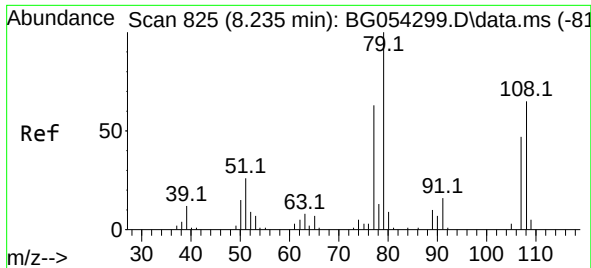
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022



#14
1,2-Dichlorobenzene
Concen: 9.624 ng
RT: 8.356 min Scan# 845
Delta R.T. -0.002 min
Lab File: BG054311.D
Acq: 18 Jul 2022 14:29

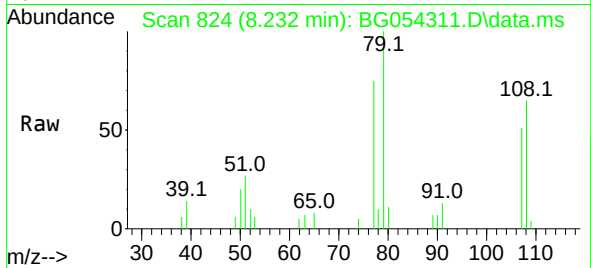
Tgt Ion:146 Resp: 10982
Ion Ratio Lower Upper
146 100
148 58.6 52.6 78.8
111 39.4 34.5 51.7





#15
Benzyl Alcohol
Concen: 8.679 ng
RT: 8.232 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG054311.D
Acq: 18 Jul 2022 14:29

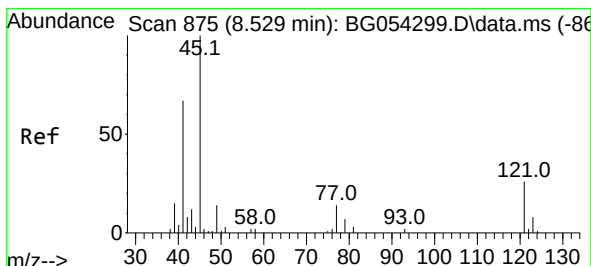
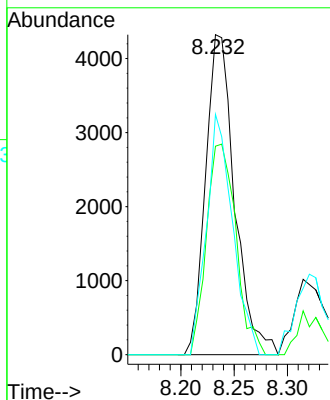
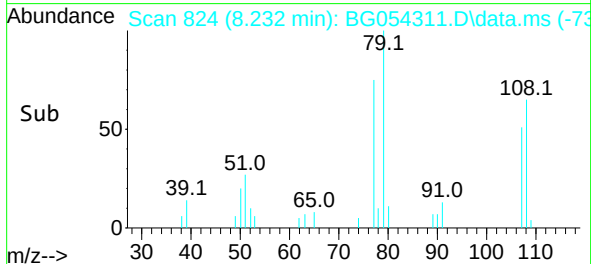
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2022



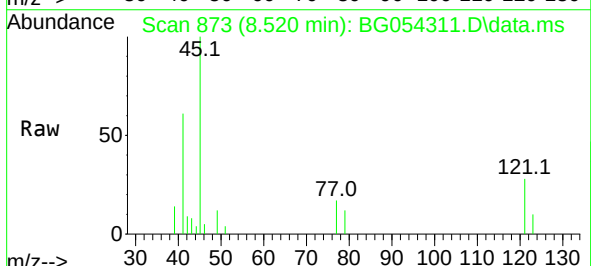
Tgt Ion: 79 Resp: 818
Ion Ratio Lower Upper
79 100
108 65.2 53.7 80.5
77 75.1 52.2 78.4

Manual Integrations
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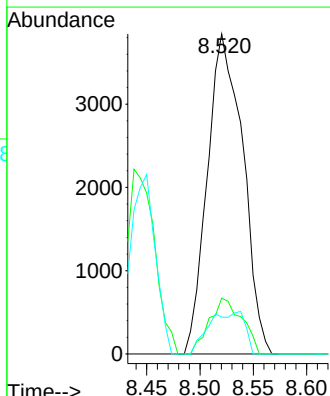
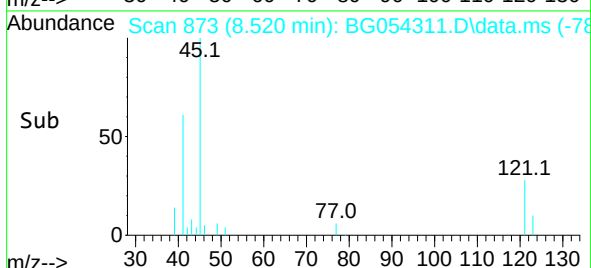
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022

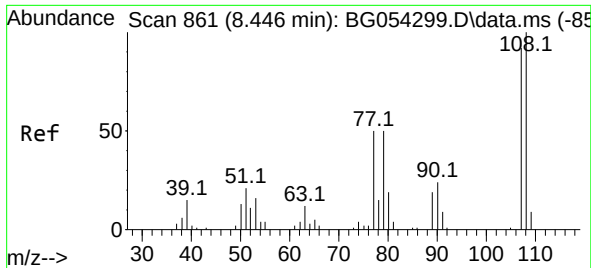


#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.497 ng
RT: 8.520 min Scan# 873
Delta R.T. -0.008 min
Lab File: BG054311.D
Acq: 18 Jul 2022 14:29



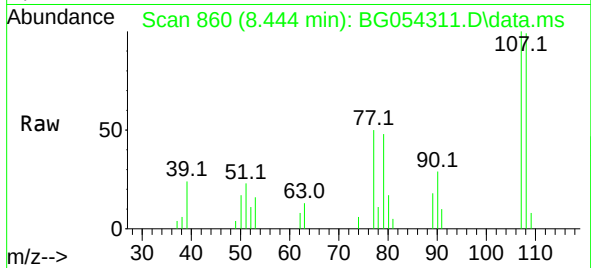
Tgt Ion: 45 Resp: 8889
Ion Ratio Lower Upper
45 100
77 17.4 0.0 32.7
79 11.5 0.0 29.7





#17
2-Methylphenol
Concen: 8.806 ng
RT: 8.444 min Scan# 80
Delta R.T. -0.002 min
Lab File: BG054311.D
Acq: 18 Jul 2022 14:29

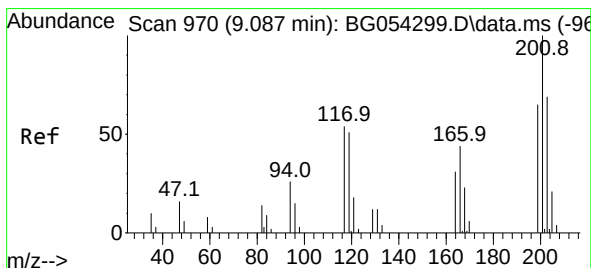
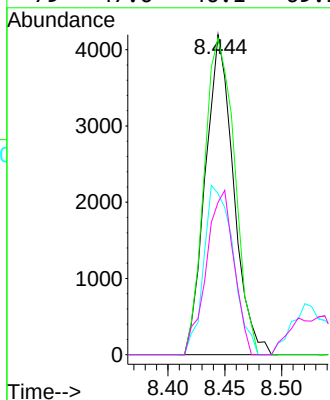
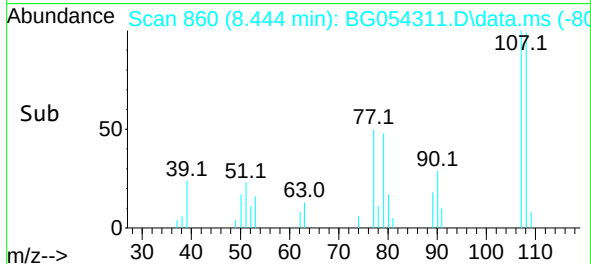
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2022



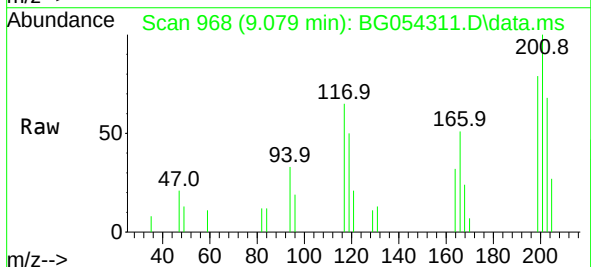
Tgt Ion:107 Resp: 723
Ion Ratio Lower Upper
107 100
108 98.8 85.4 128.0
77 50.4 46.2 69.2
79 47.6 46.1 69.1

Manual Integrations
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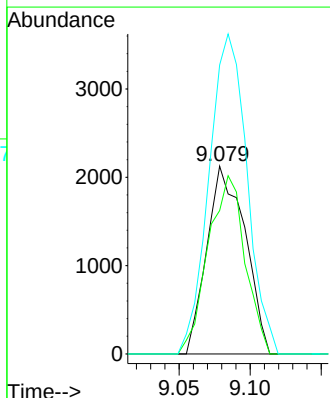
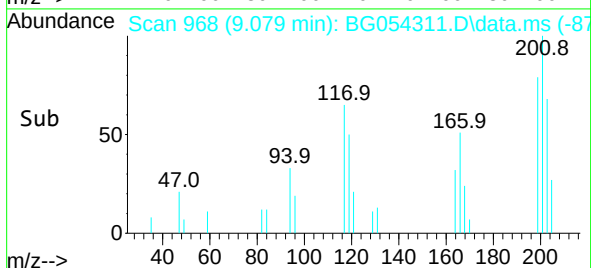
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022

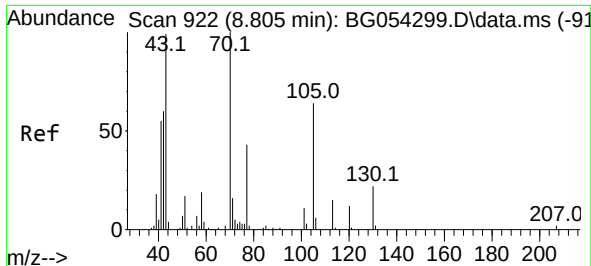


#18
Hexachloroethane
Concen: 9.901 ng
RT: 9.079 min Scan# 968
Delta R.T. -0.008 min
Lab File: BG054311.D
Acq: 18 Jul 2022 14:29



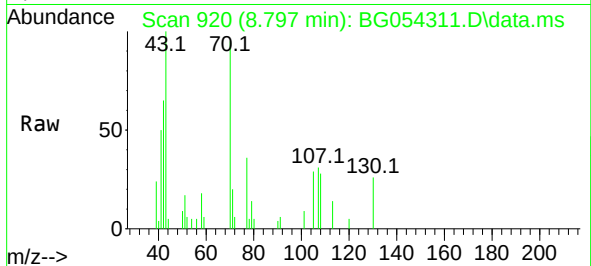
Tgt Ion:117 Resp: 3967
Ion Ratio Lower Upper
117 100
119 76.3 75.0 112.6
201 153.8 89.0 133.6#





#19
n-Nitroso-di-n-propylamine
Concen: 8.510 ng
RT: 8.797 min Scan# 916
Delta R.T. -0.008 min
Lab File: BG054311.D
Acq: 18 Jul 2022 14:29

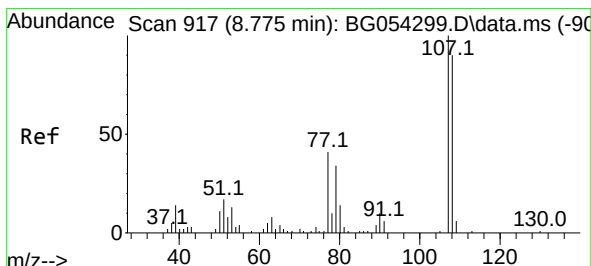
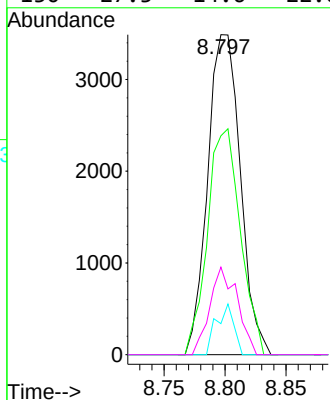
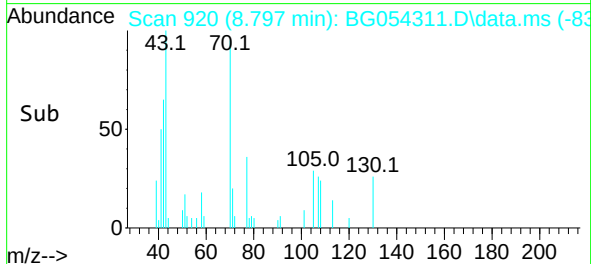
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion: 70 Resp: 6510
Ion Ratio Lower Upper
70 100
42 68.4 47.3 70.9
101 9.7 7.0 10.4
130 27.3 14.6 22.0#

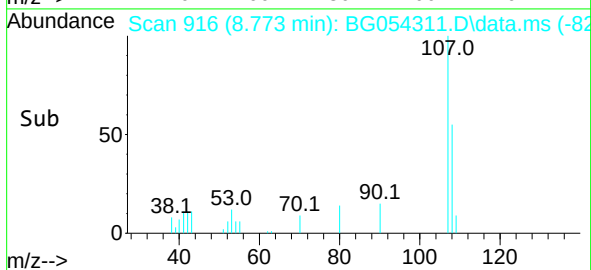
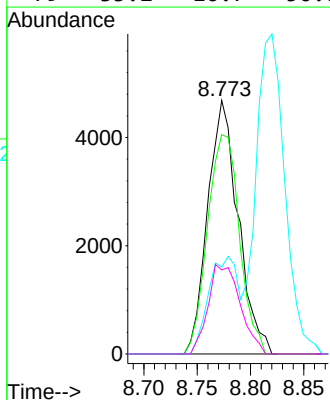
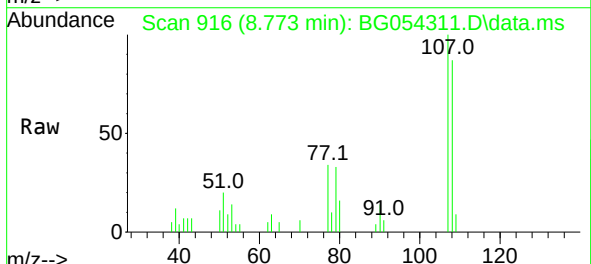
Manual Integrations
APPROVED

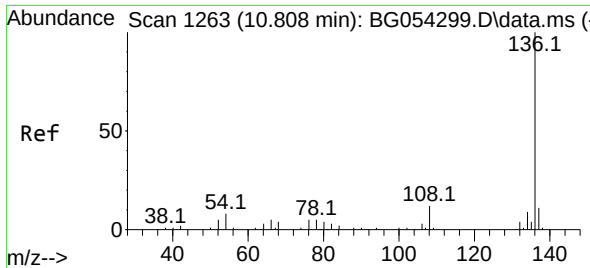
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022



#20
3+4-Methylphenols
Concen: 8.042 ng
RT: 8.773 min Scan# 916
Delta R.T. -0.002 min
Lab File: BG054311.D
Acq: 18 Jul 2022 14:29

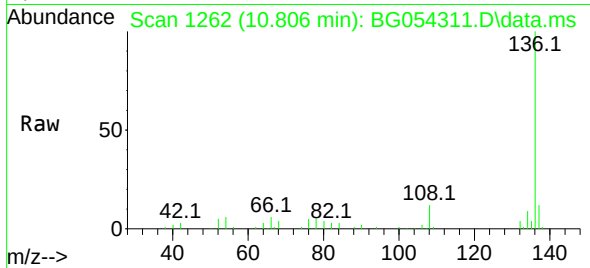
Tgt Ion:107 Resp: 9305
Ion Ratio Lower Upper
107 100
108 86.5 67.5 107.5
77 34.3 20.3 60.3
79 33.2 16.7 56.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.806 min Scan# 1262
Delta R.T. -0.002 min
Lab File: BG054311.D
Acq: 18 Jul 2022 14:29

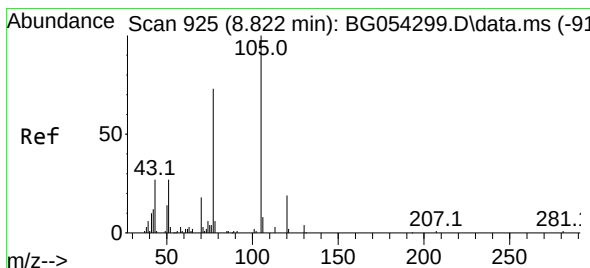
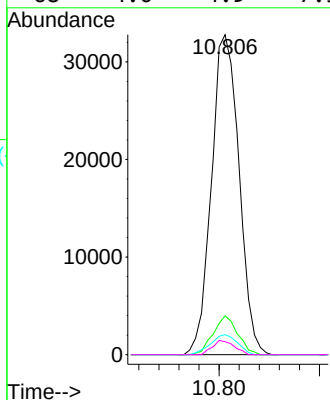
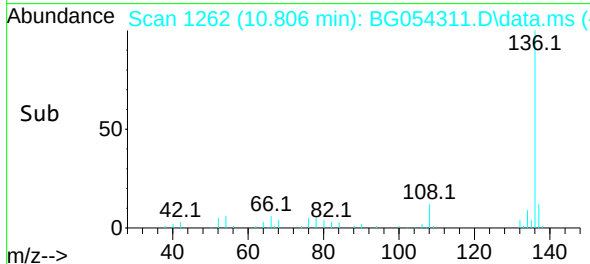
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion:136 Resp: 62519
Ion Ratio Lower Upper
136 100
137 12.2 8.5 12.7
54 6.3 7.4 11.2
68 4.0 4.9 7.3#

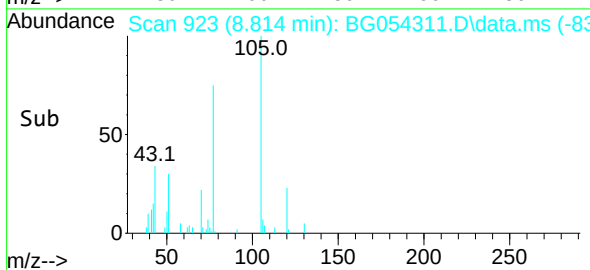
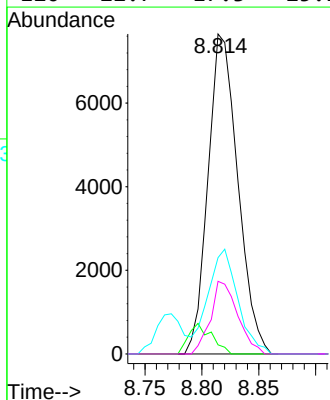
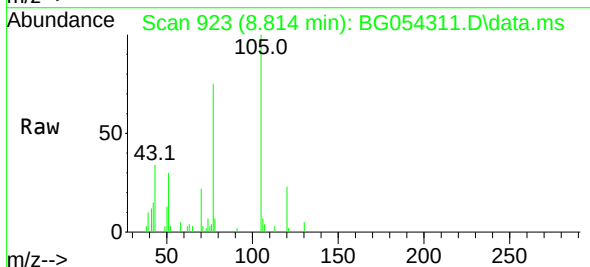
Manual Integrations
APPROVED

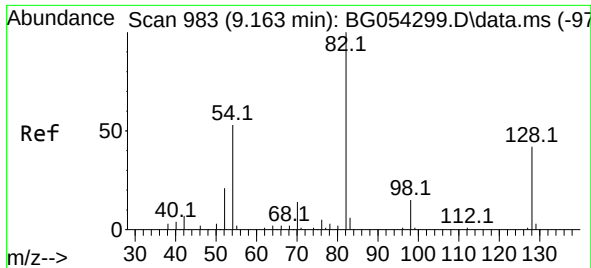
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022



#22
Acetophenone
Concen: 9.271 ng
RT: 8.814 min Scan# 923
Delta R.T. -0.008 min
Lab File: BG054311.D
Acq: 18 Jul 2022 14:29

Tgt Ion:105 Resp: 13941
Ion Ratio Lower Upper
105 100
71 2.8 1.1 1.7#
51 30.1 25.4 38.0
120 22.7 17.3 25.9





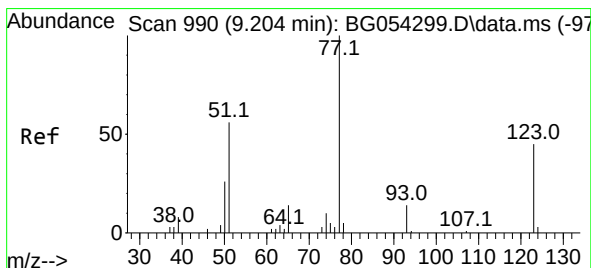
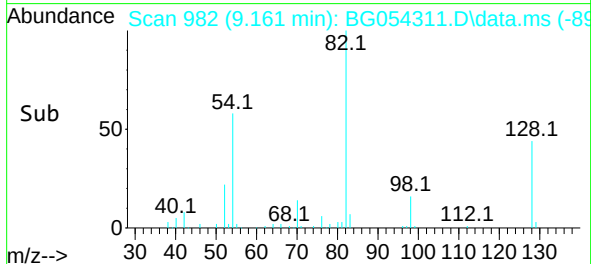
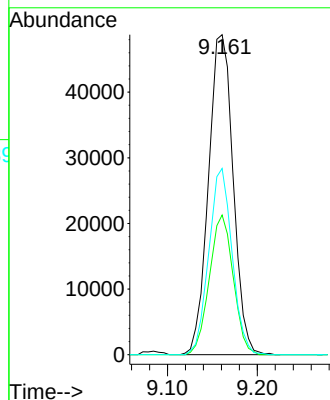
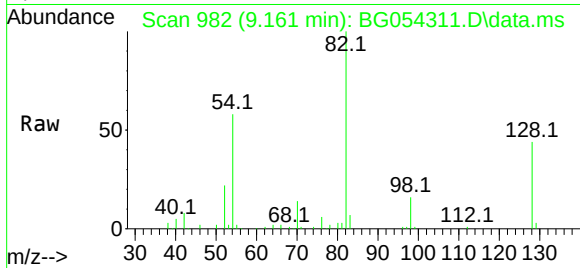
#23
Nitrobenzene-d5
Concen: 81.059 ng
RT: 9.161 min Scan# 90
Delta R.T. -0.002 min
Lab File: BG054311.D
Acq: 18 Jul 2022 14:29

Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2022

Tgt Ion: 82 Resp: 93059
Ion Ratio Lower Upper
82 100
128 43.6 27.9 41.9#
54 58.2 41.2 61.8

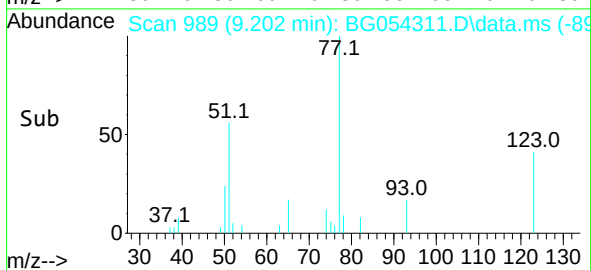
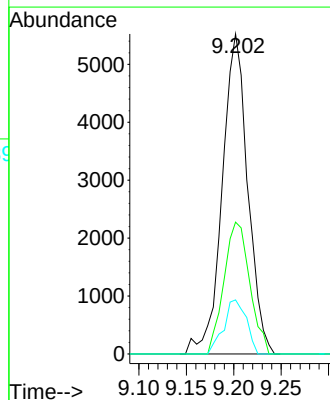
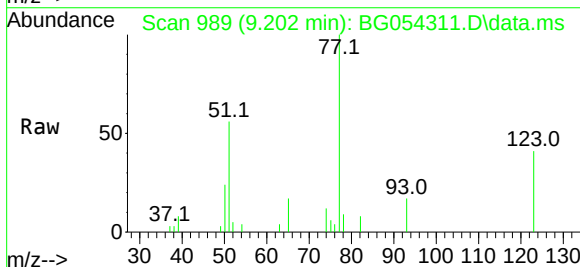
Manual Integrations
APPROVED

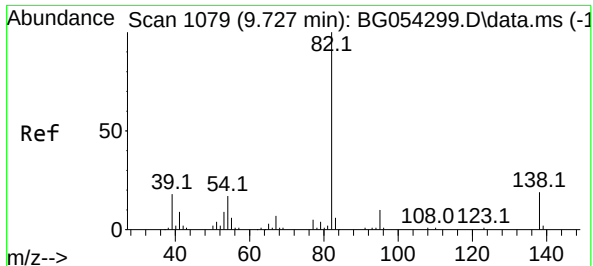
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022



#24
Nitrobenzene
Concen: 9.227 ng
RT: 9.202 min Scan# 989
Delta R.T. -0.002 min
Lab File: BG054311.D
Acq: 18 Jul 2022 14:29

Tgt Ion: 77 Resp: 10352
Ion Ratio Lower Upper
77 100
123 41.2 27.4 41.0#
65 16.9 11.4 17.0





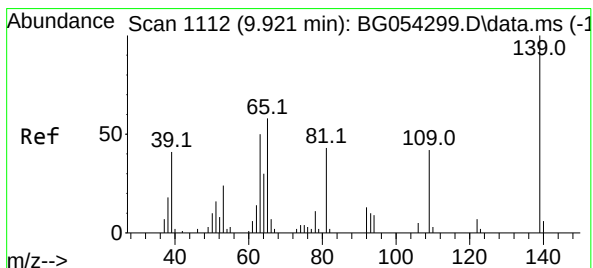
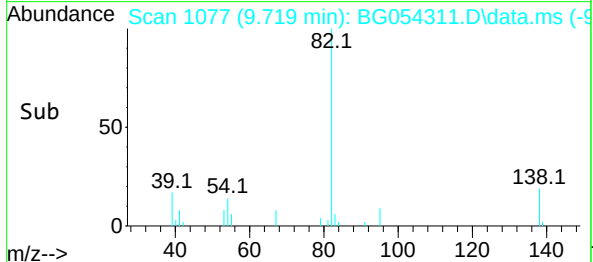
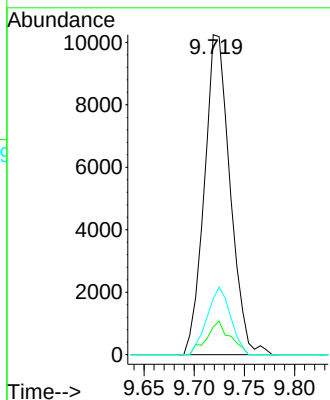
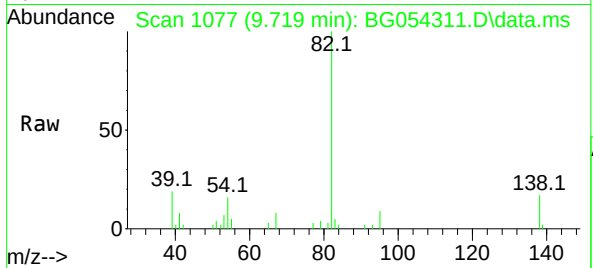
#25
Isophorone
Concen: 9.141 ng
RT: 9.719 min Scan# 1079
Delta R.T. -0.008 min
Lab File: BG054311.D
Acq: 18 Jul 2022 14:29

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2022

Tgt Ion: 82 Resp: 1825
Ion Ratio Lower Upper
82 100
95 8.7 6.2 9.4
138 17.5 11.6 17.4

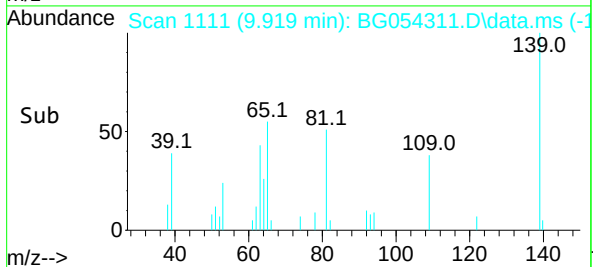
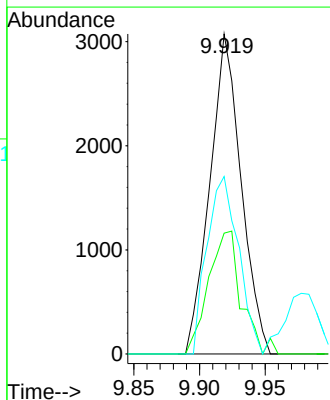
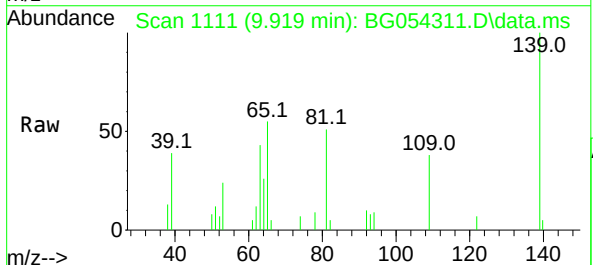
Manual Integrations
APPROVED

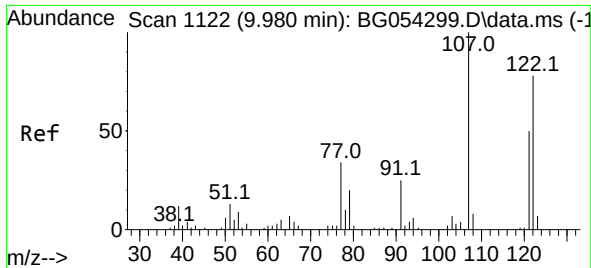
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022



#26
2-Nitrophenol
Concen: 9.009 ng
RT: 9.919 min Scan# 1111
Delta R.T. -0.002 min
Lab File: BG054311.D
Acq: 18 Jul 2022 14:29

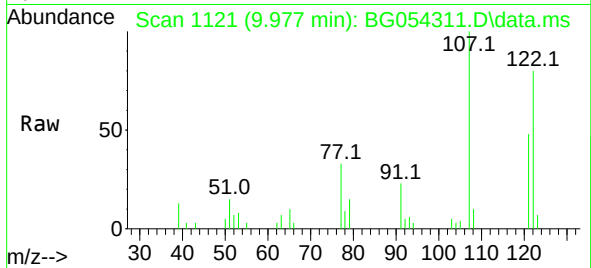
Tgt Ion:139 Resp: 5095
Ion Ratio Lower Upper
139 100
109 37.7 36.1 54.1
65 55.4 55.8 83.6





#27
 2,4-Dimethylphenol
 Concen: 10.574 ng
 RT: 9.977 min Scan# 1122
 Delta R.T. -0.002 min
 Lab File: BG054311.D
 Acq: 18 Jul 2022 14:29

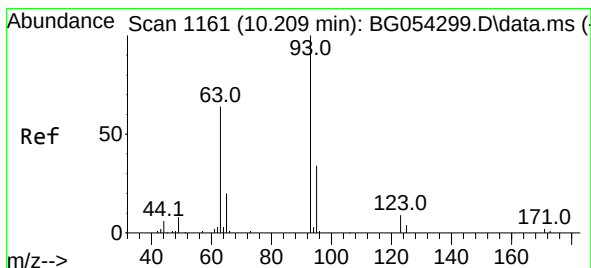
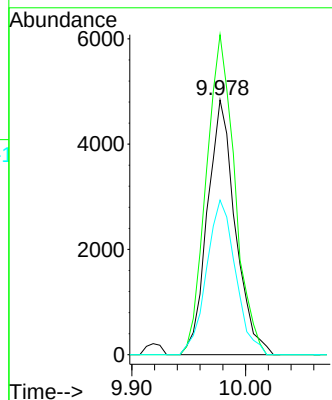
Instrument : BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT2-2022



Tgt Ion:122 Resp: 826
 Ion Ratio Lower Upper
 122 100
 107 125.6 109.4 164.0
 121 60.6 48.7 73.1

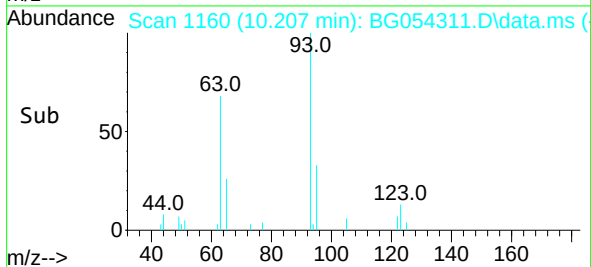
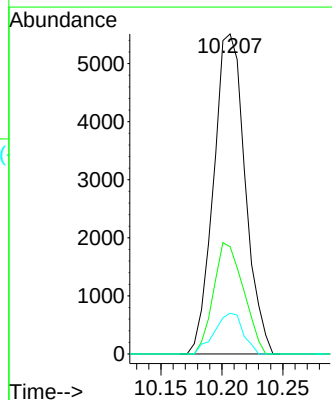
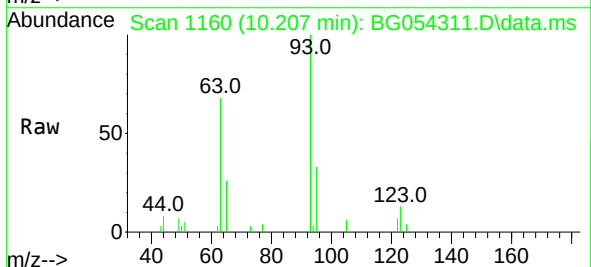
Manual Integrations
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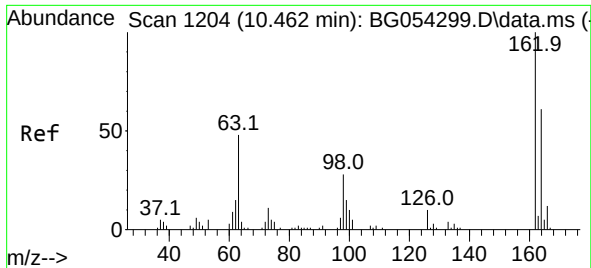
Reviewed By :Christian Giraldo 07/19/2022
 Supervised By :Jagrut Upadhyay 07/19/2022



#28
 bis(2-Chloroethoxy)methane
 Concen: 9.844 ng
 RT: 10.207 min Scan# 1160
 Delta R.T. -0.002 min
 Lab File: BG054311.D
 Acq: 18 Jul 2022 14:29

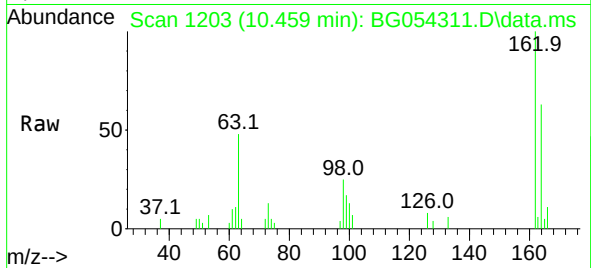
Tgt Ion: 93 Resp: 9913
 Ion Ratio Lower Upper
 93 100
 95 33.5 26.9 40.3
 123 12.8 7.7 11.5#





#29
2,4-Dichlorophenol
Concen: 9.071 ng
RT: 10.459 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG054311.D
Acq: 18 Jul 2022 14:29

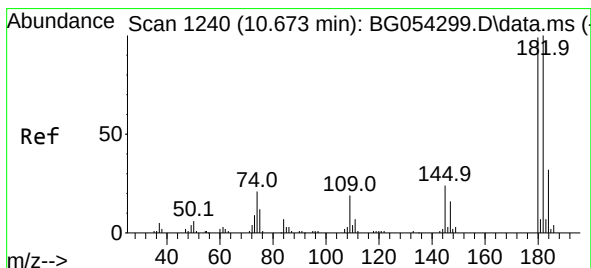
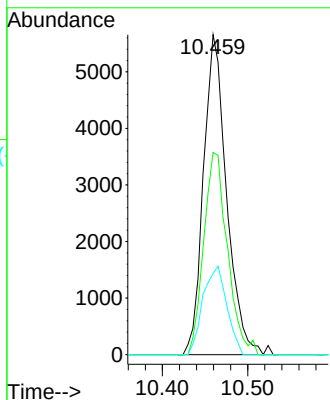
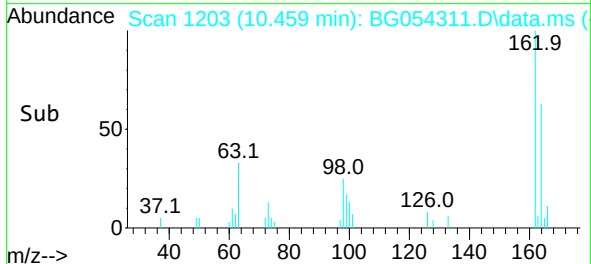
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion:162 Resp: 1069
Ion Ratio Lower Upper
162 100
164 63.2 46.6 86.6
98 25.4 22.8 62.8

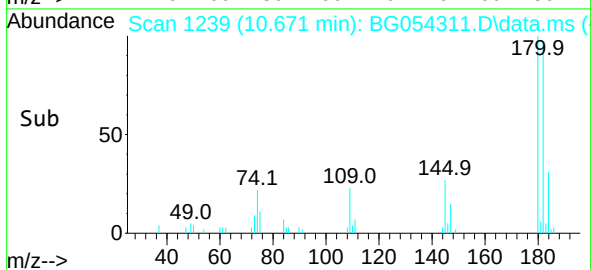
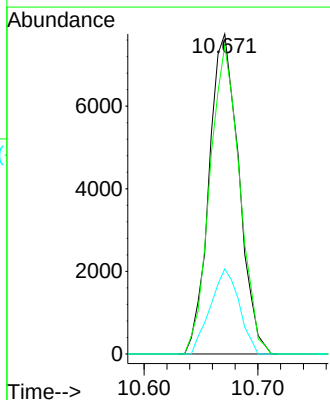
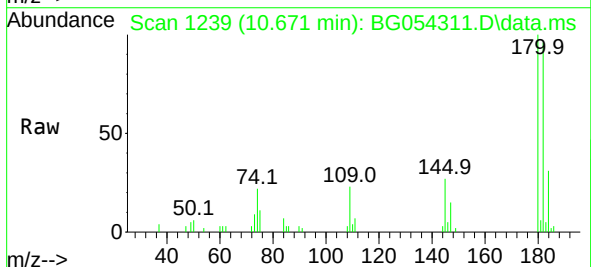
Manual Integrations
APPROVED

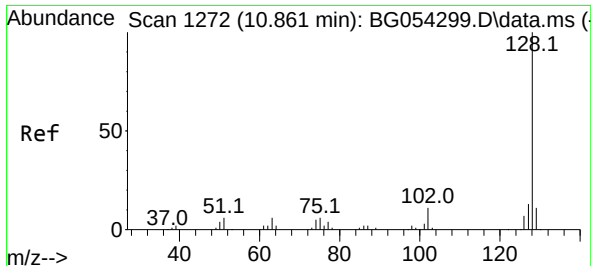
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022



#30
1,2,4-Trichlorobenzene
Concen: 9.650 ng
RT: 10.671 min Scan# 1239
Delta R.T. -0.002 min
Lab File: BG054311.D
Acq: 18 Jul 2022 14:29

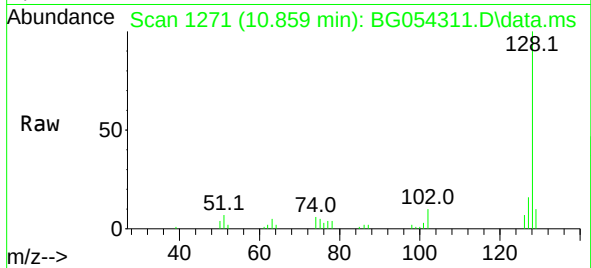
Tgt Ion:180 Resp: 14093
Ion Ratio Lower Upper
180 100
182 96.3 76.6 115.0
145 26.6 25.0 37.4





#31
Naphthalene
Concen: 9.087 ng
RT: 10.859 min Scan# 1150
Delta R.T. -0.002 min
Lab File: BG054311.D
Acq: 18 Jul 2022 14:29

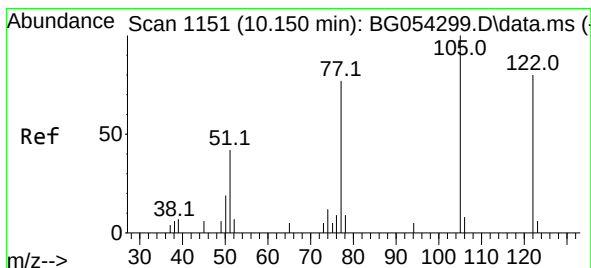
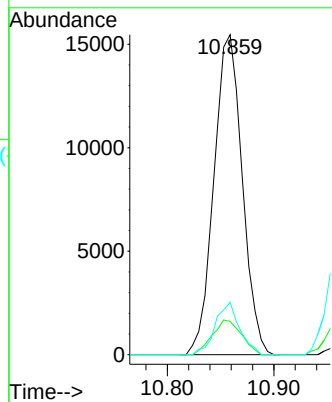
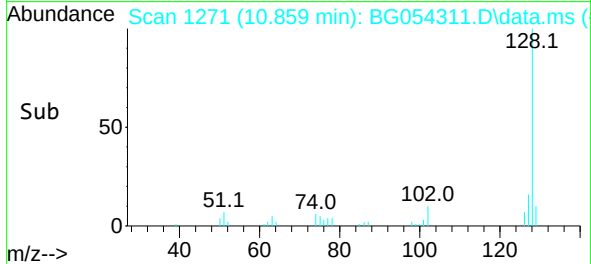
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2022



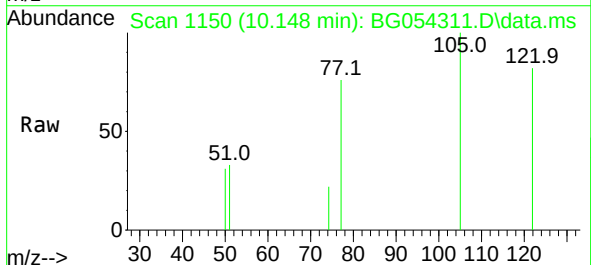
Tgt Ion:128 Resp: 28518
Ion Ratio Lower Upper
128 100
129 10.4 9.0 13.6
127 16.4 11.1 16.7

Manual Integrations
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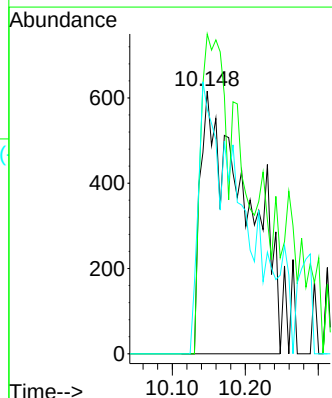
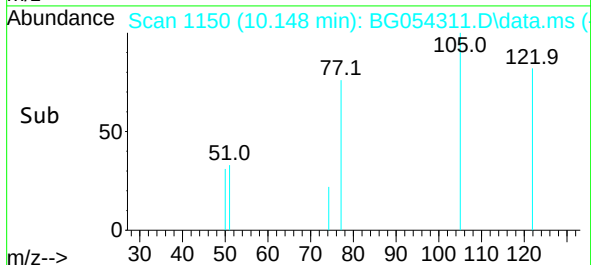
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022

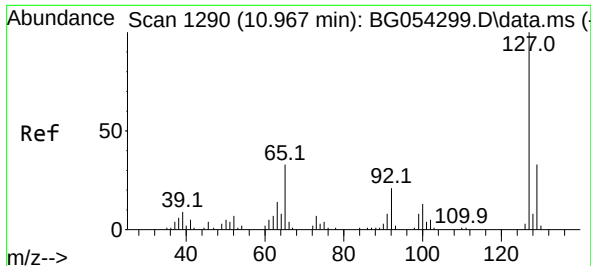


#32
Benzoic acid
Concen: 10.762 ng m
RT: 10.148 min Scan# 1150
Delta R.T. -0.002 min
Lab File: BG054311.D
Acq: 18 Jul 2022 14:29



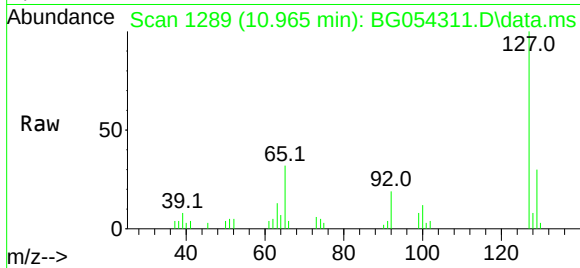
Tgt Ion:122 Resp: 2682
Ion Ratio Lower Upper
122 100
105 121.8 111.8 151.8
77 93.0 109.4 149.4#





#33
4-Chloroaniline
Concen: 9.233 ng
RT: 10.965 min Scan# 1178
Delta R.T. -0.002 min
Lab File: BG054311.D
Acq: 18 Jul 2022 14:29

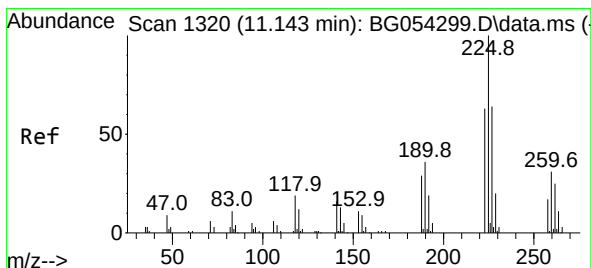
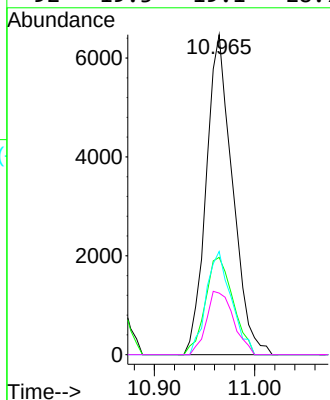
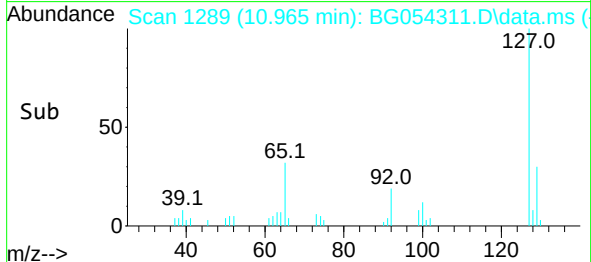
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion	Ratio	Lower	Upper
127	100		
129	30.4	26.3	39.5
65	32.2	31.1	46.7
92	19.3	19.1	28.7

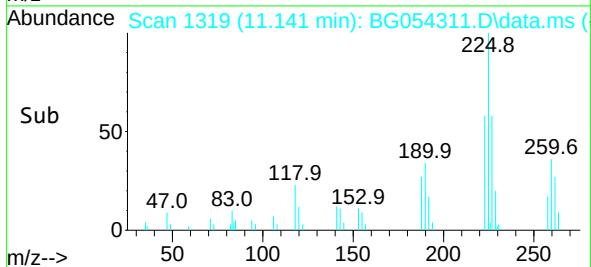
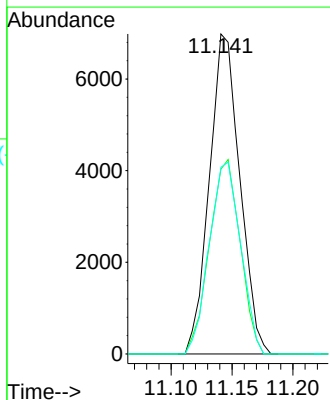
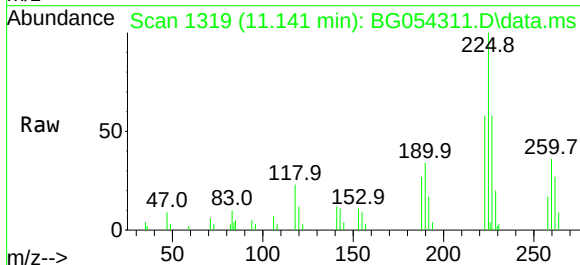
Manual Integrations
APPROVED

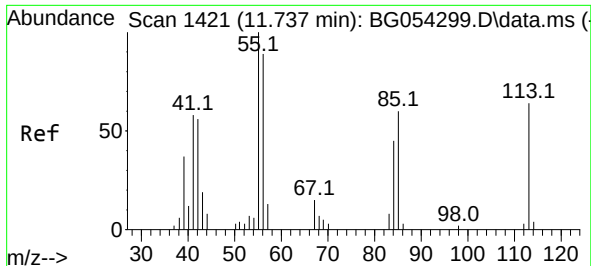
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022



#34
Hexachlorobutadiene
Concen: 9.400 ng
RT: 11.141 min Scan# 1319
Delta R.T. -0.002 min
Lab File: BG054311.D
Acq: 18 Jul 2022 14:29

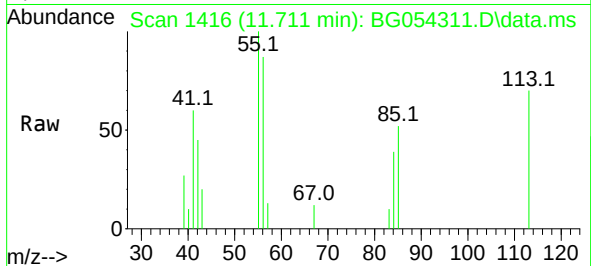
Tgt Ion	Ratio	Lower	Upper
225	100		
223	57.7	48.9	73.3
227	58.3	52.8	79.2





#35
Caprolactam
Concen: 8.255 ng
RT: 11.711 min Scan# 1416
Delta R.T. -0.026 min
Lab File: BG054311.D
Acq: 18 Jul 2022 14:29

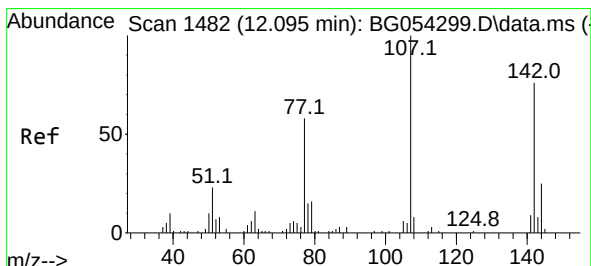
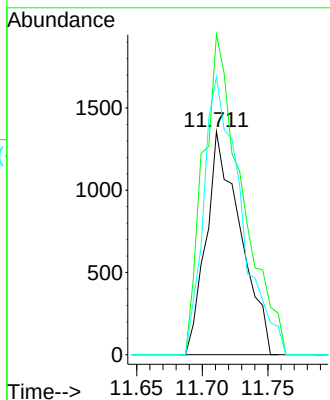
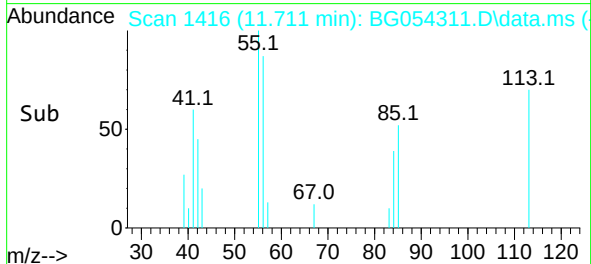
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2022



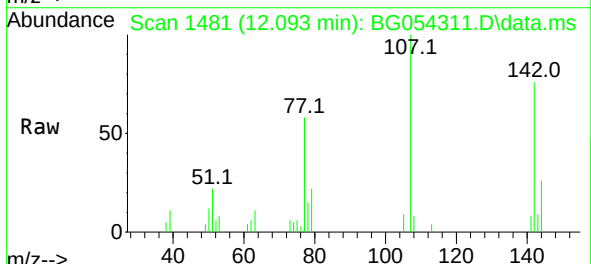
Tgt Ion:113 Resp: 245
Ion Ratio Lower Upper
113 100
55 143.4 169.8 209.8
56 124.4 141.2 181.2

Manual Integrations
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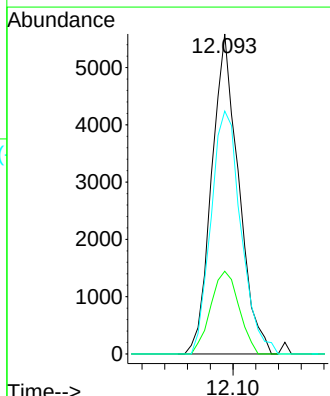
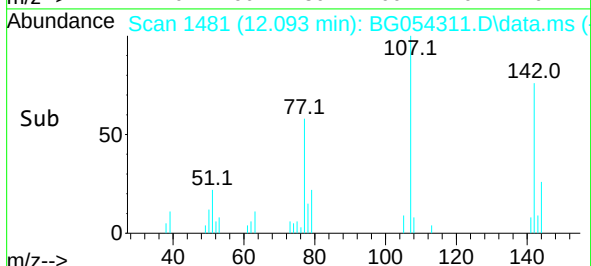
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022

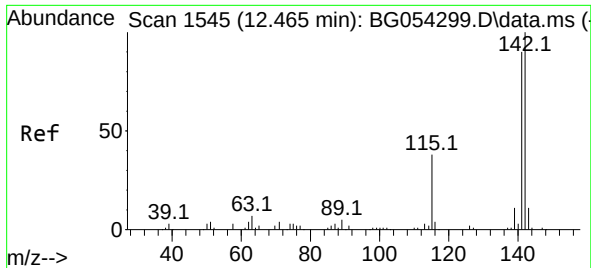


#36
4-Chloro-3-methylphenol
Concen: 8.565 ng
RT: 12.093 min Scan# 1481
Delta R.T. -0.002 min
Lab File: BG054311.D
Acq: 18 Jul 2022 14:29



Tgt Ion:107 Resp: 9189
Ion Ratio Lower Upper
107 100
144 25.8 18.5 27.7
142 75.9 55.0 82.4





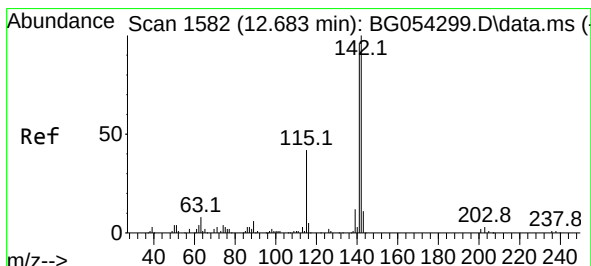
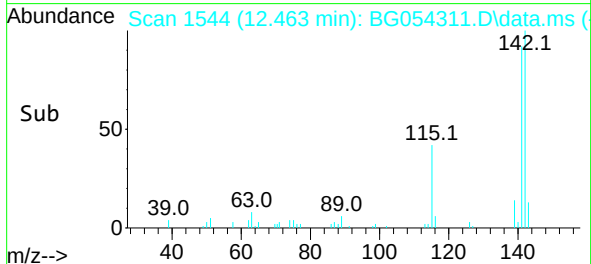
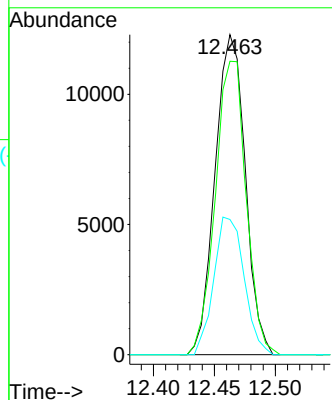
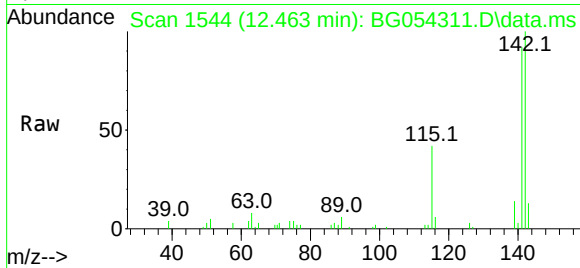
#37
2-Methylnaphthalene
Concen: 8.793 ng
RT: 12.463 min Scan# 1544
Delta R.T. -0.002 min
Lab File: BG054311.D
Acq: 18 Jul 2022 14:29

Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2022

Tgt Ion:142 Resp: 2119
Ion Ratio Lower Upper
142 100
141 91.7 72.3 108.5
115 42.2 33.7 50.5

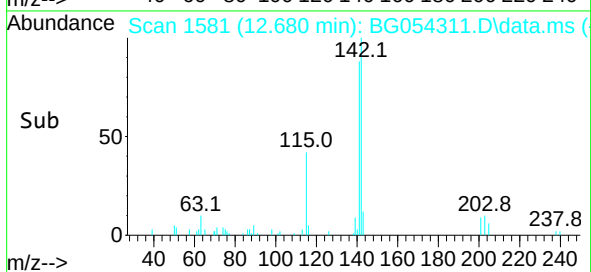
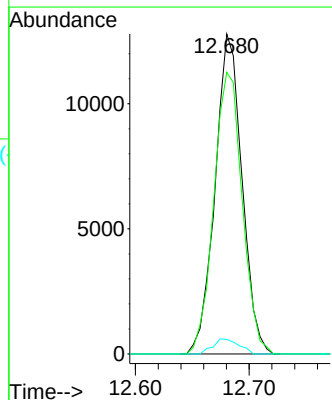
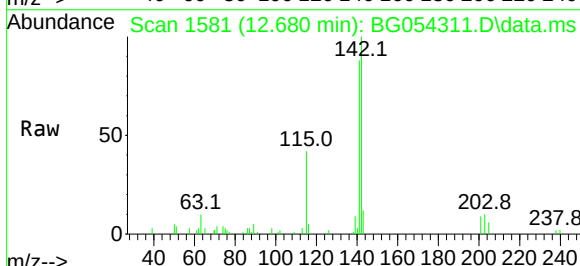
Manual Integrations
APPROVED

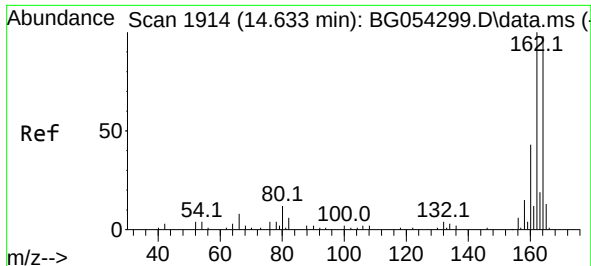
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022



#38
1-Methylnaphthalene
Concen: 8.957 ng
RT: 12.680 min Scan# 1581
Delta R.T. -0.002 min
Lab File: BG054311.D
Acq: 18 Jul 2022 14:29

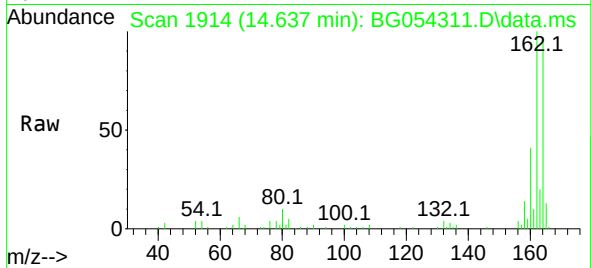
Tgt Ion:142 Resp: 21035
Ion Ratio Lower Upper
142 100
141 88.0 76.4 114.6
116 4.5 3.3 4.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.637 min Scan# 1914
Delta R.T. 0.004 min
Lab File: BG054311.D
Acq: 18 Jul 2022 14:29

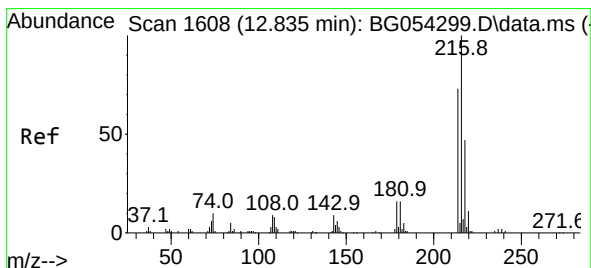
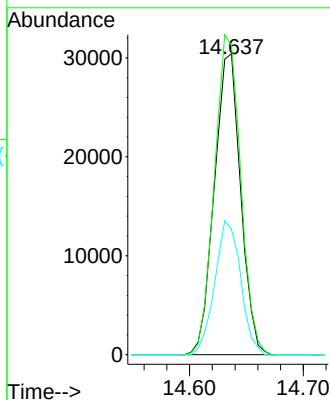
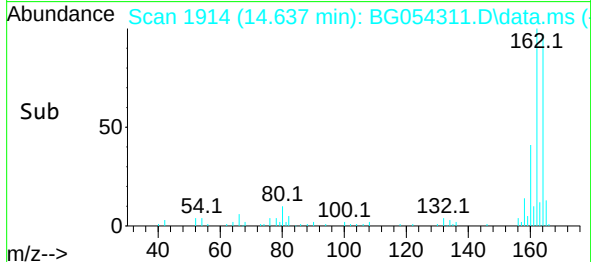
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2022



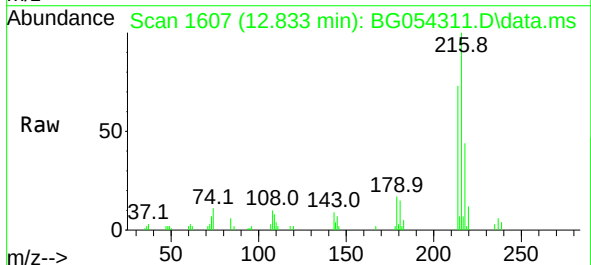
Tgt Ion:164 Resp: 48769
Ion Ratio Lower Upper
164 100
162 102.7 82.3 123.5
160 41.7 34.2 51.2

Manual Integrations
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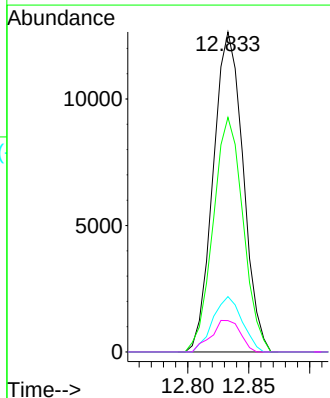
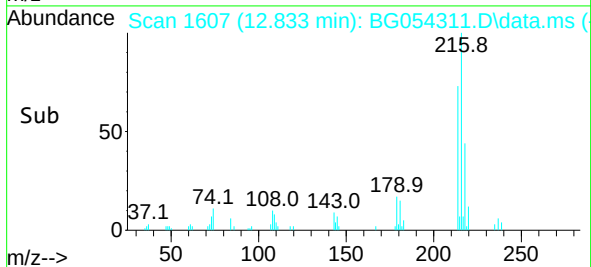
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022

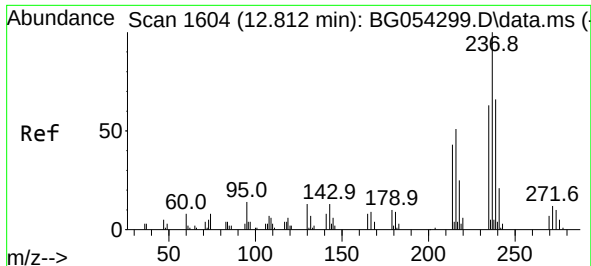


#40
1,2,4,5-Tetrachlorobenzene
Concen: 10.111 ng
RT: 12.833 min Scan# 1607
Delta R.T. -0.002 min
Lab File: BG054311.D
Acq: 18 Jul 2022 14:29



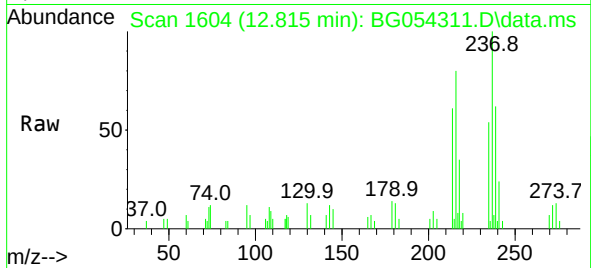
Tgt Ion:216 Resp: 21604
Ion Ratio Lower Upper
216 100
214 73.4 62.9 94.3
179 16.8 16.1 24.1
108 9.6 12.2 18.2#





#41
Hexachlorocyclopentadiene
Concen: 13.314 ng
RT: 12.815 min Scan# 10
Delta R.T. 0.003 min
Lab File: BG054311.D
Acq: 18 Jul 2022 14:29

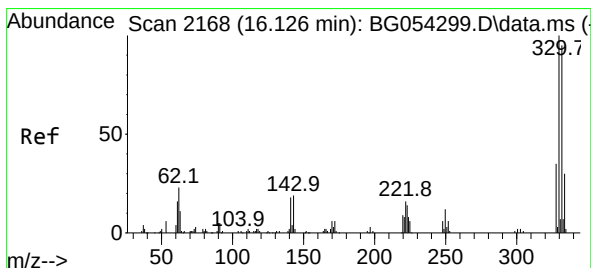
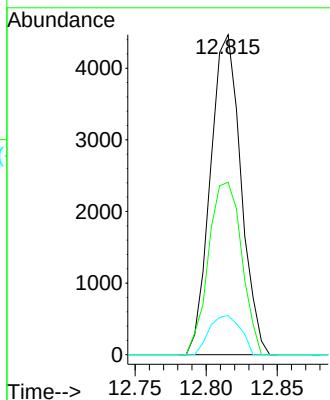
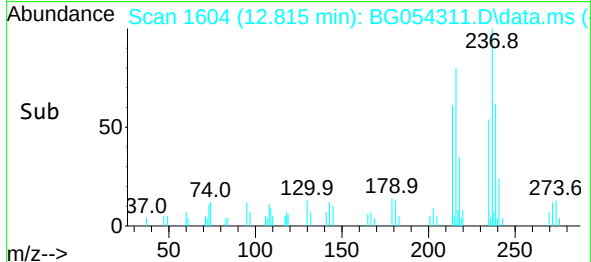
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2022



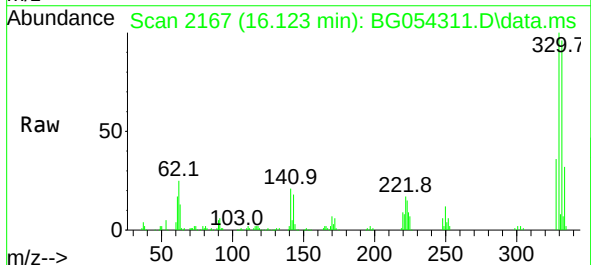
Tgt Ion:237 Resp: 6674
Ion Ratio Lower Upper
237 100
235 57.5 43.5 83.5
272 12.3 0.0 30.1

Manual Integrations
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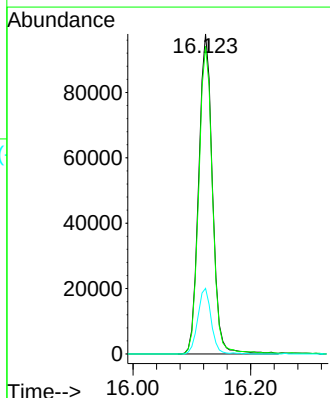
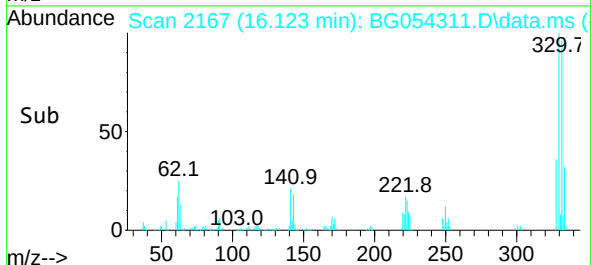
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022

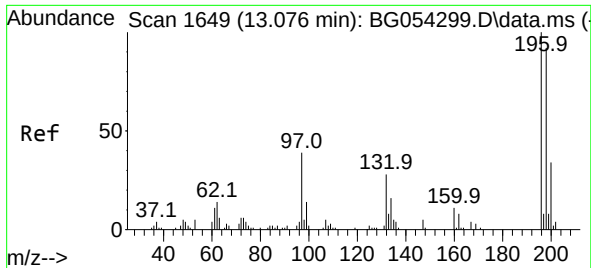


#42
2,4,6-Tribromophenol
Concen: 155.095 ng
RT: 16.123 min Scan# 2167
Delta R.T. -0.002 min
Lab File: BG054311.D
Acq: 18 Jul 2022 14:29



Tgt Ion:330 Resp: 158812
Ion Ratio Lower Upper
330 100
332 96.3 76.0 114.0
141 19.8 27.1 40.7#





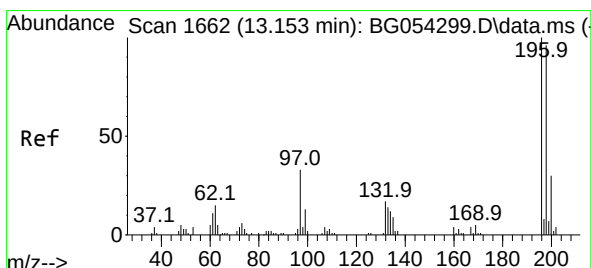
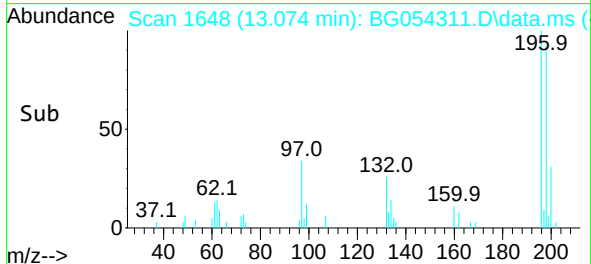
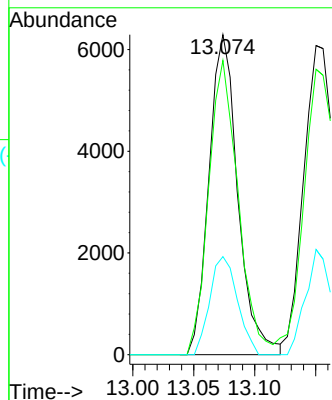
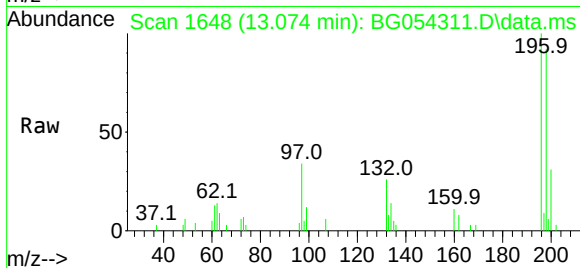
#43
2,4,6-Trichlorophenol
Concen: 8.906 ng
RT: 13.074 min Scan# 1648
Delta R.T. -0.002 min
Lab File: BG054311.D
Acq: 18 Jul 2022 14:29

Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2022

Tgt Ion:196 Resp: 1036
Ion Ratio Lower Upper
196 100
198 92.0 74.1 111.1
200 30.7 24.7 37.1

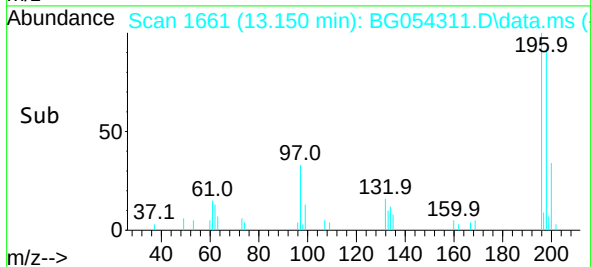
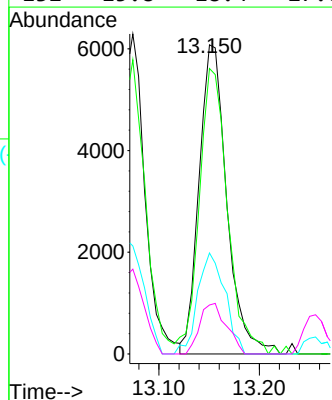
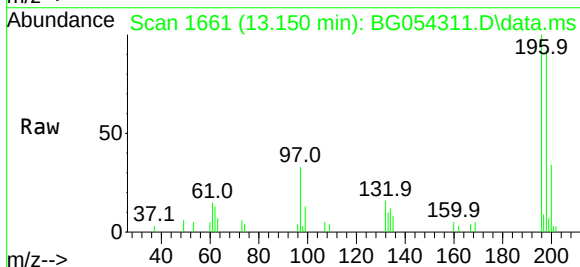
Manual Integrations
APPROVED

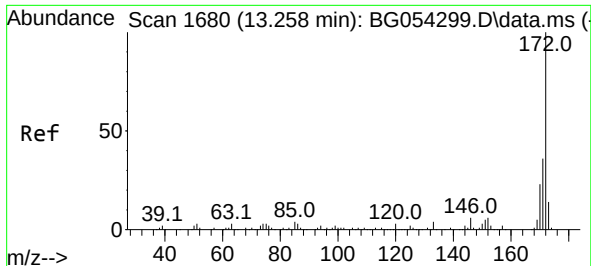
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022



#44
2,4,5-Trichlorophenol
Concen: 8.904 ng
RT: 13.150 min Scan# 1661
Delta R.T. -0.002 min
Lab File: BG054311.D
Acq: 18 Jul 2022 14:29

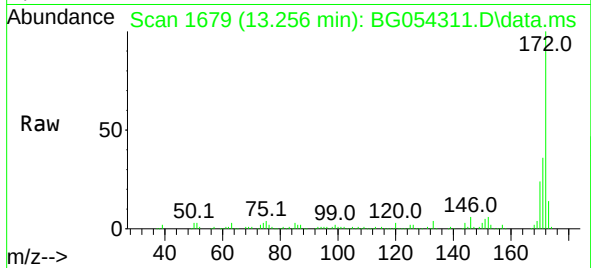
Tgt Ion:196 Resp: 11704
Ion Ratio Lower Upper
196 100
198 92.3 76.8 115.2
97 32.7 39.8 59.6#
132 15.8 18.4 27.6#





#45
2-Fluorobiphenyl
Concen: 84.037 ng
RT: 13.256 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG054311.D
Acq: 18 Jul 2022 14:29

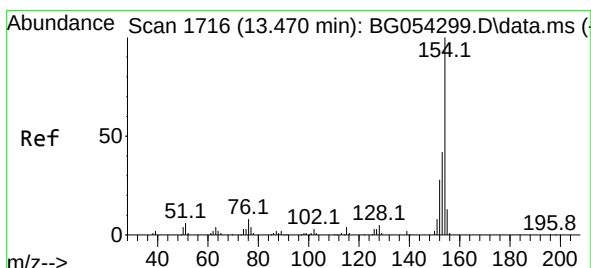
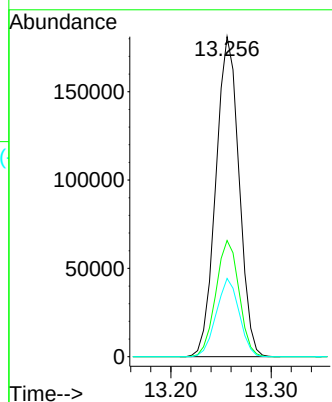
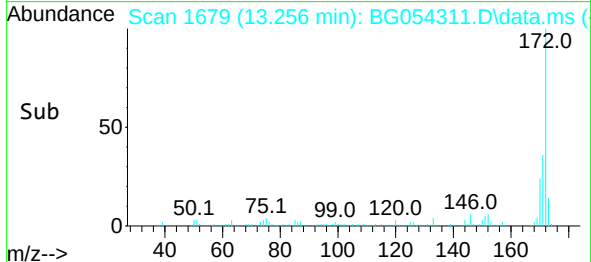
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2022



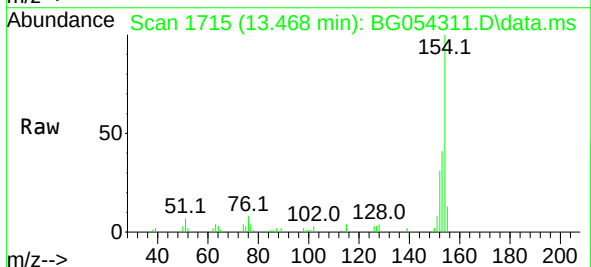
Tgt Ion:172 Resp: 29052
Ion Ratio Lower Upper
172 100
171 36.3 28.5 42.7
170 24.4 18.9 28.3

Manual Integrations
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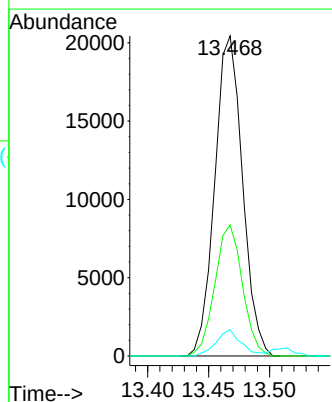
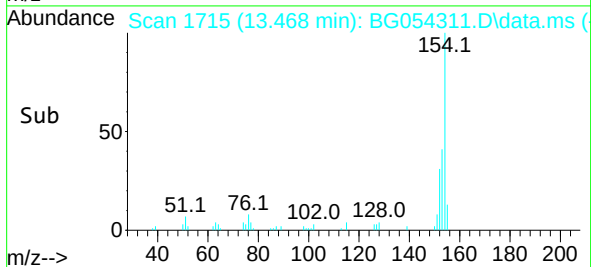
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022

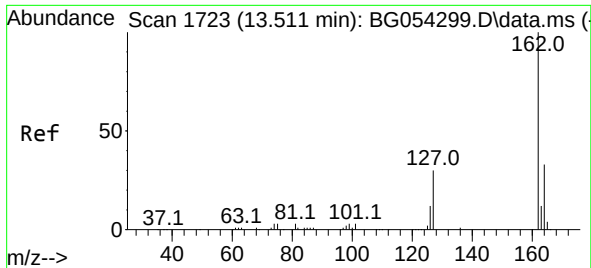


#46
1,1'-Biphenyl
Concen: 9.701 ng
RT: 13.468 min Scan# 1715
Delta R.T. -0.002 min
Lab File: BG054311.D
Acq: 18 Jul 2022 14:29



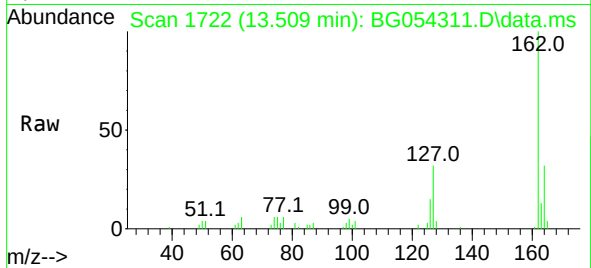
Tgt Ion:154 Resp: 32366
Ion Ratio Lower Upper
154 100
153 40.9 21.6 61.6
76 8.2 0.0 32.6





#47
2-Chloronaphthalene
Concen: 9.268 ng
RT: 13.509 min Scan# 1722
Delta R.T. -0.002 min
Lab File: BG054311.D
Acq: 18 Jul 2022 14:29

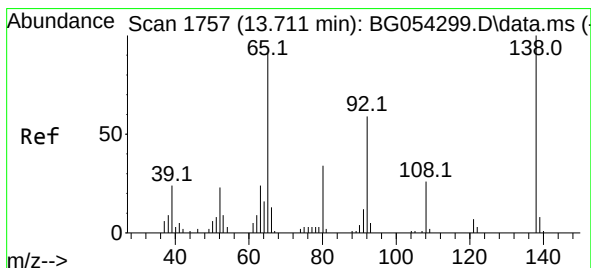
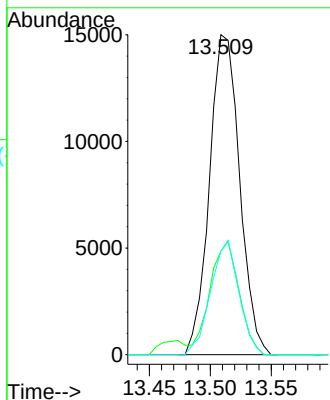
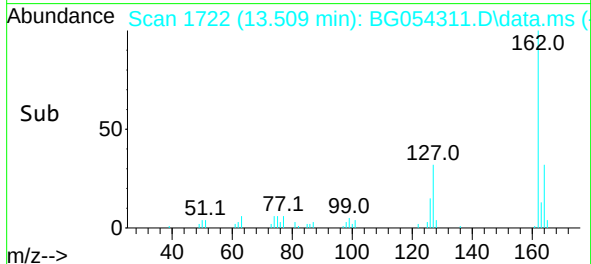
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2022



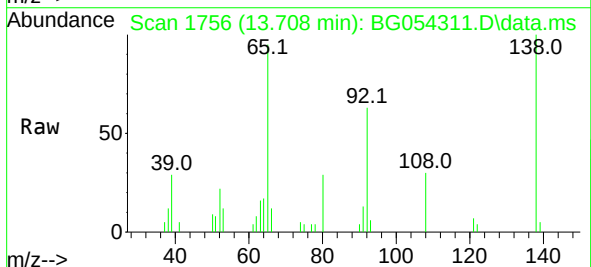
Tgt Ion:162 Resp: 2587
Ion Ratio Lower Upper
162 100
127 32.4 30.6 45.8
164 32.3 26.5 39.7

Manual Integrations
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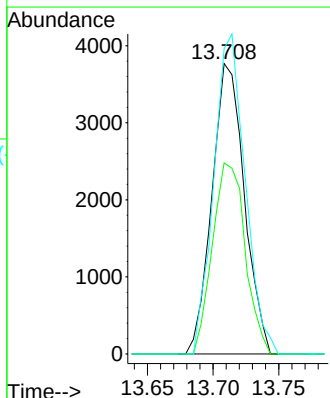
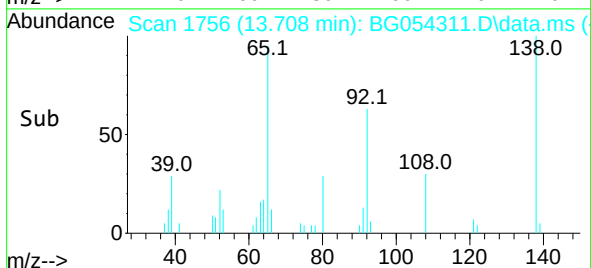
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022

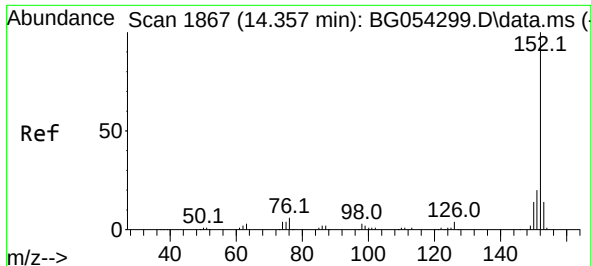


#48
2-Nitroaniline
Concen: 8.862 ng
RT: 13.708 min Scan# 1756
Delta R.T. -0.002 min
Lab File: BG054311.D
Acq: 18 Jul 2022 14:29



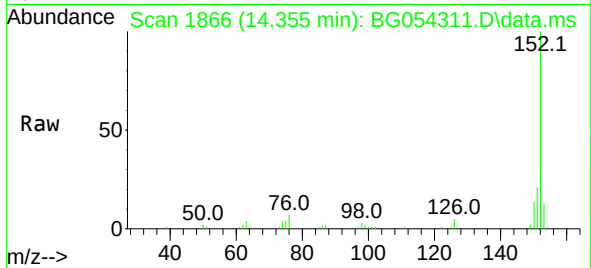
Tgt Ion: 65 Resp: 6458
Ion Ratio Lower Upper
65 100
92 65.8 51.5 77.3
138 105.0 71.3 106.9





#49
Acenaphthylene
Concen: 9.773 ng
RT: 14.355 min Scan# 1866
Delta R.T. -0.002 min
Lab File: BG054311.D
Acq: 18 Jul 2022 14:29

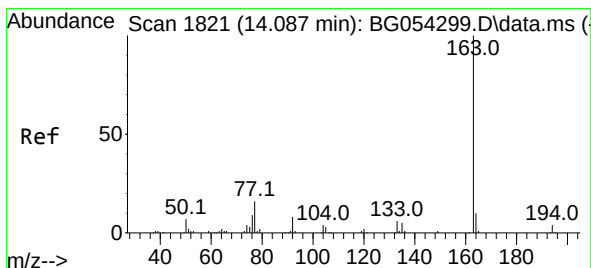
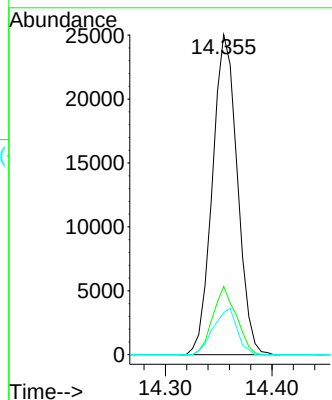
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion:152 Resp: 40540
Ion Ratio Lower Upper
152 100
151 21.4 16.4 24.6
153 13.1 10.8 16.2

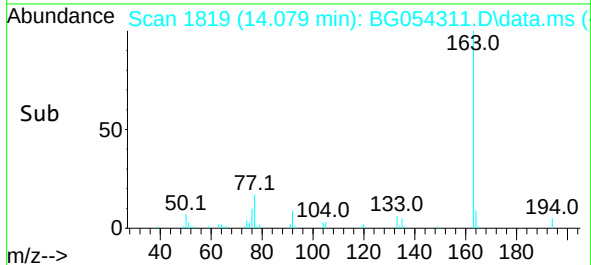
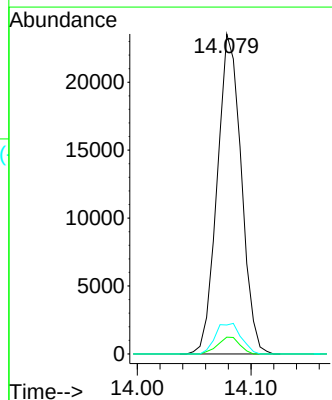
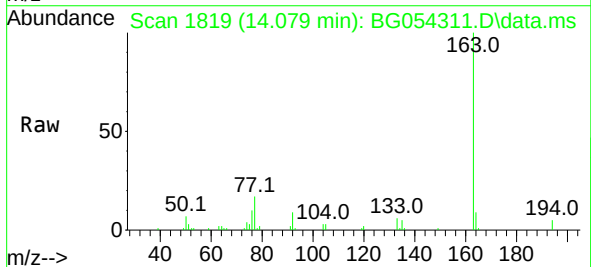
Manual Integrations
APPROVED

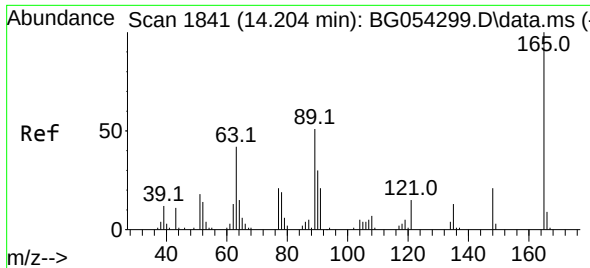
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022



#50
Dimethylphthalate
Concen: 9.091 ng
RT: 14.079 min Scan# 1819
Delta R.T. -0.008 min
Lab File: BG054311.D
Acq: 18 Jul 2022 14:29

Tgt Ion:163 Resp: 34632
Ion Ratio Lower Upper
163 100
194 5.2 3.0 4.6#
164 9.0 8.0 12.0





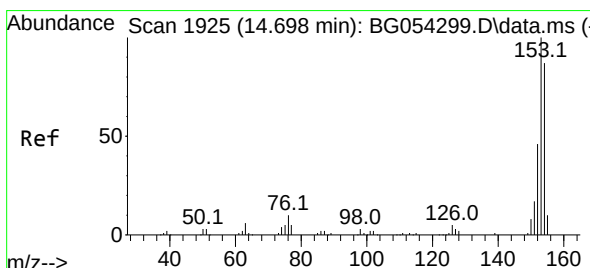
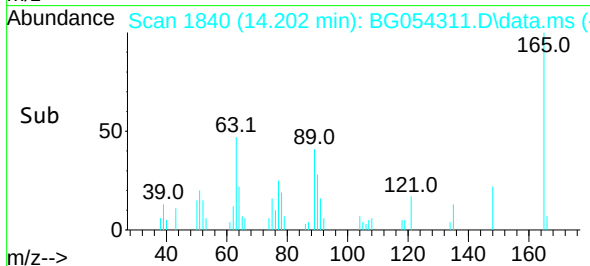
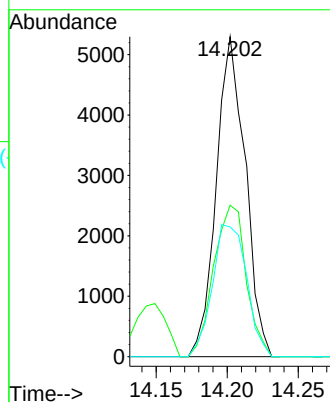
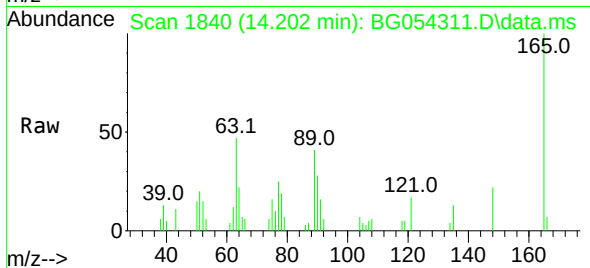
#51
2,6-Dinitrotoluene
Concen: 9.001 ng
RT: 14.202 min Scan# 1841
Delta R.T. -0.002 min
Lab File: BG054311.D
Acq: 18 Jul 2022 14:29

Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2022

Tgt Ion:165 Resp: 752
Ion Ratio Lower Upper
165 100
63 47.3 54.1 81.1
89 40.6 54.8 82.2

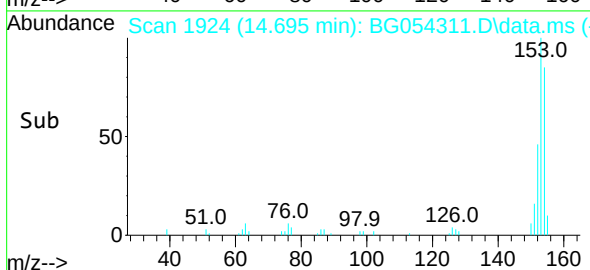
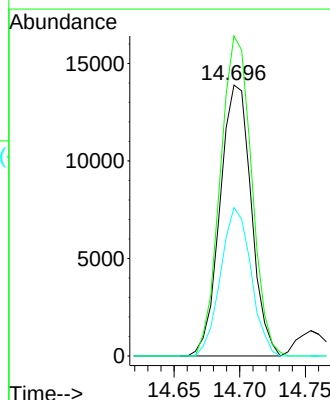
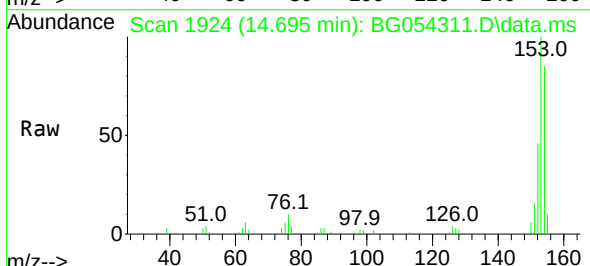
Manual Integrations
APPROVED

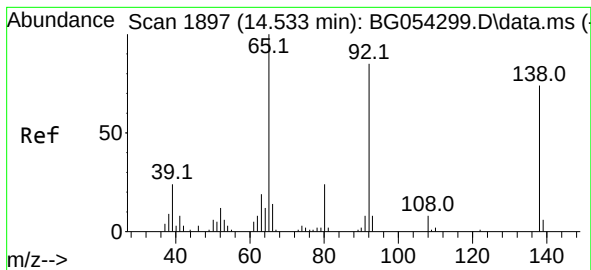
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022



#52
Acenaphthene
Concen: 9.156 ng
RT: 14.695 min Scan# 1924
Delta R.T. -0.002 min
Lab File: BG054311.D
Acq: 18 Jul 2022 14:29

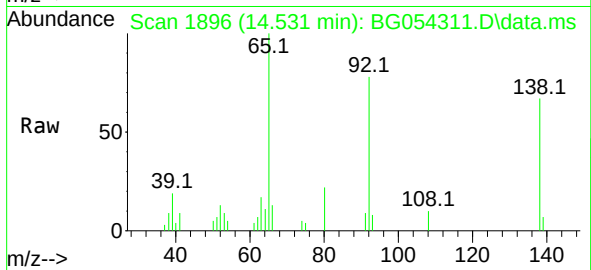
Tgt Ion:154 Resp: 23004
Ion Ratio Lower Upper
154 100
153 118.1 92.7 139.1
152 54.8 42.6 64.0





#53
3-Nitroaniline
Concen: 8.291 ng
RT: 14.531 min Scan# 1897
Delta R.T. -0.002 min
Lab File: BG054311.D
Acq: 18 Jul 2022 14:29

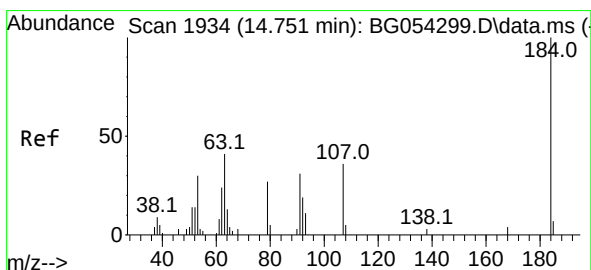
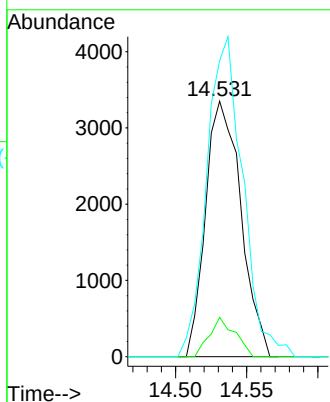
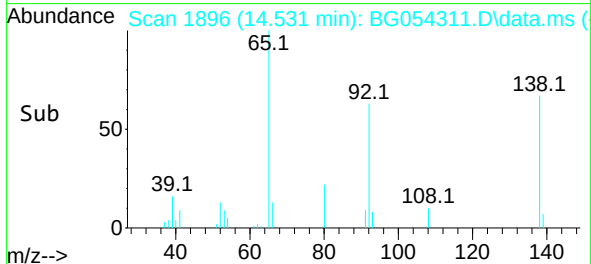
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion:138 Resp: 5794
Ion Ratio Lower Upper
138 100
108 15.4 9.2 13.8
92 115.8 101.9 152.9

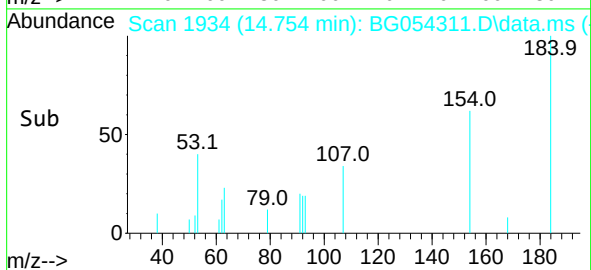
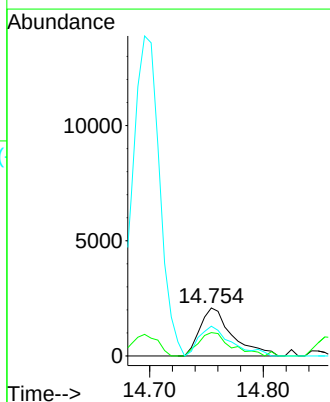
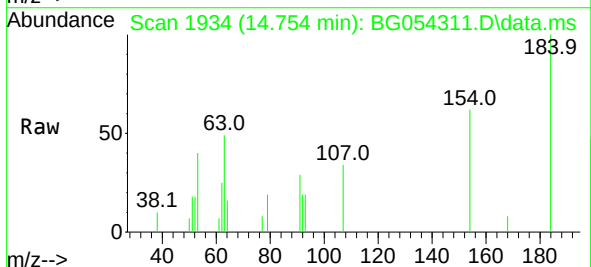
Manual Integrations
APPROVED

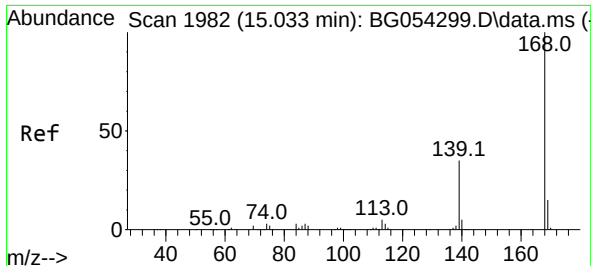
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022



#54
2,4-Dinitrophenol
Concen: 10.040 ng
RT: 14.754 min Scan# 1934
Delta R.T. 0.003 min
Lab File: BG054311.D
Acq: 18 Jul 2022 14:29

Tgt Ion:184 Resp: 4076
Ion Ratio Lower Upper
184 100
63 48.6 61.1 91.7#
154 62.0 60.6 91.0





#55

Dibenzofuran

Concen: 9.382 ng

RT: 15.030 min Scan# 1982

Delta R.T. -0.002 min

Lab File: BG054311.D

Acq: 18 Jul 2022 14:29

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT2-2022

Tgt Ion:168 Resp: 41940

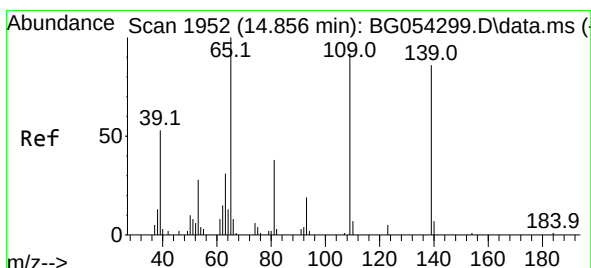
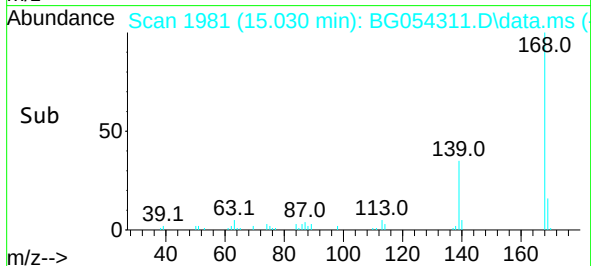
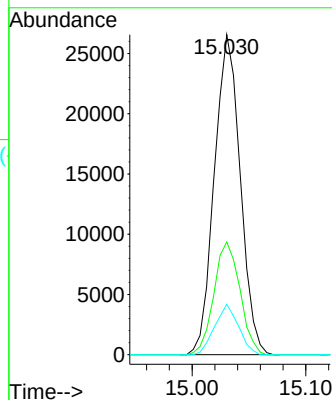
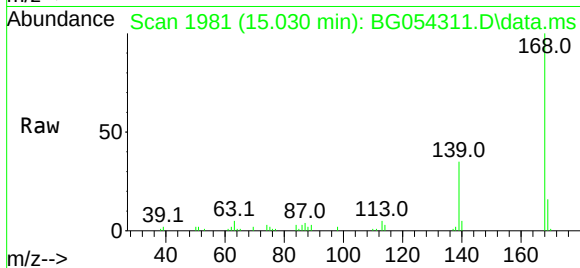
Ion	Ratio	Lower	Upper
168	100		
139	35.2	30.5	45.7
169	15.8	10.3	15.5

Manual Integrations

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Reviewed By :Christian Giraldo 07/19/2022

Supervised By :Jagrut Upadhyay 07/19/2022



#56

4-Nitrophenol

Concen: 7.614 ng

RT: 14.860 min Scan# 1952

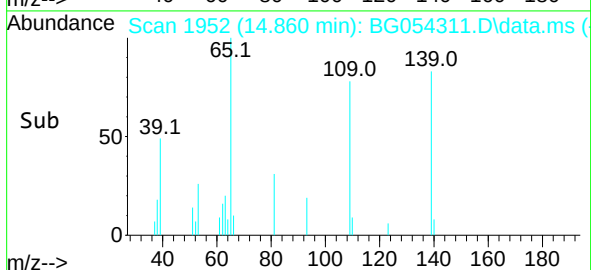
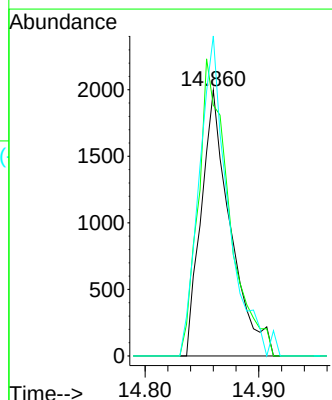
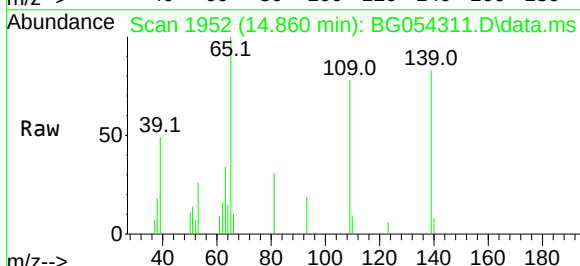
Delta R.T. 0.004 min

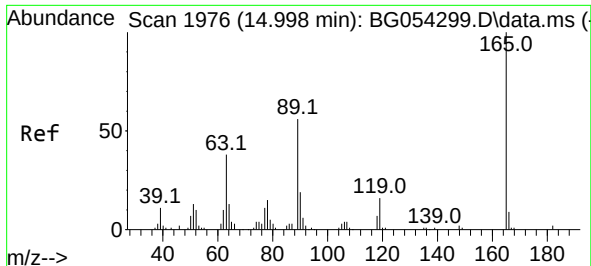
Lab File: BG054311.D

Acq: 18 Jul 2022 14:29

Tgt Ion:139 Resp: 3550

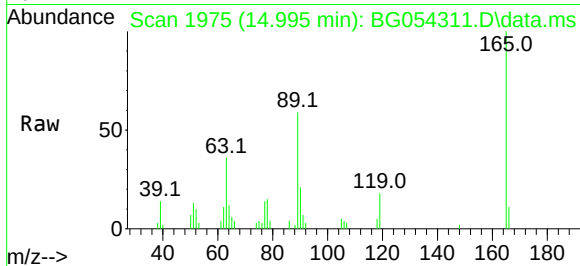
Ion	Ratio	Lower	Upper
139	100		
109	94.4	88.5	128.5
65	120.5	93.9	133.9





#57
2,4-Dinitrotoluene
Concen: 8.850 ng
RT: 14.995 min Scan# 1975
Delta R.T. -0.002 min
Lab File: BG054311.D
Acq: 18 Jul 2022 14:29

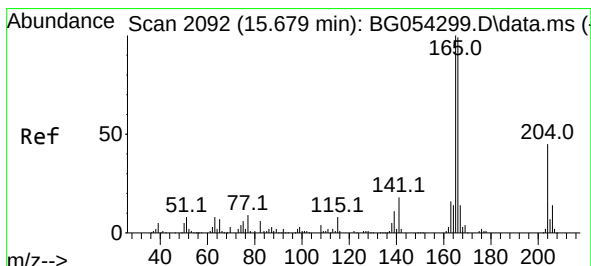
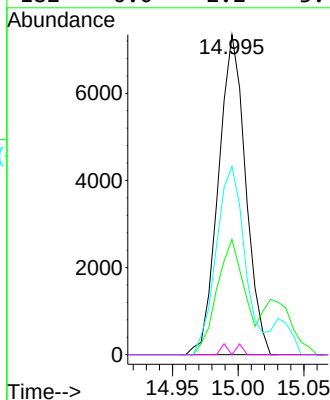
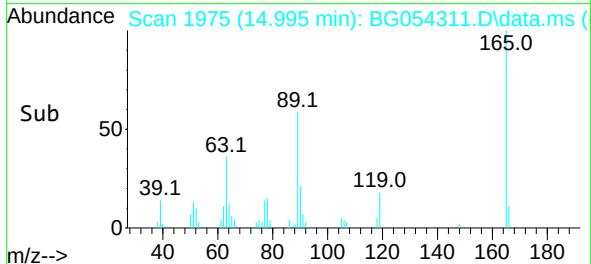
Instrument : BNA_G
ClientSampleId : LOQ-WATER-02-QT2-2022



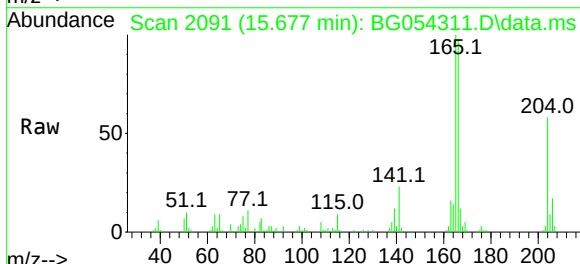
Tgt Ion:165 Resp: 10600
Ion Ratio Lower Upper
165 100
63 36.0 34.6 52.0
89 58.8 60.3 90.5
182 0.0 2.2 3.4#

Manual Integrations
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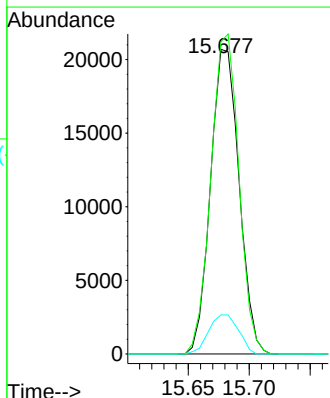
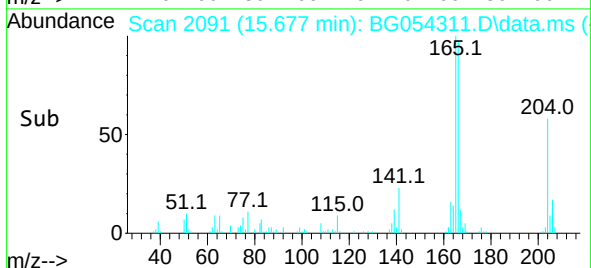
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022

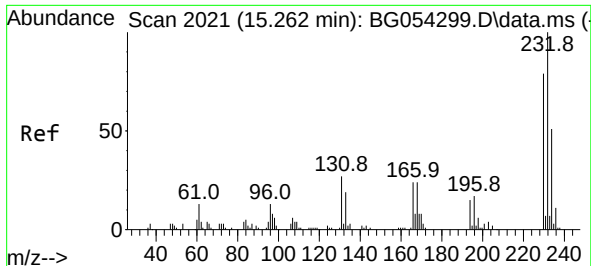


#58
Fluorene
Concen: 9.191 ng
RT: 15.677 min Scan# 2091
Delta R.T. -0.002 min
Lab File: BG054311.D
Acq: 18 Jul 2022 14:29



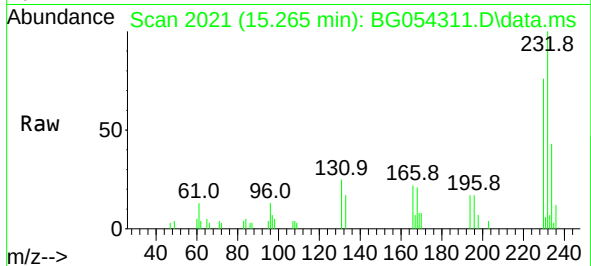
Tgt Ion:166 Resp: 33779
Ion Ratio Lower Upper
166 100
165 102.5 75.0 112.6
167 12.8 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 8.913 ng
RT: 15.265 min Scan# 2021
Delta R.T. 0.004 min
Lab File: BG054311.D
Acq: 18 Jul 2022 14:29

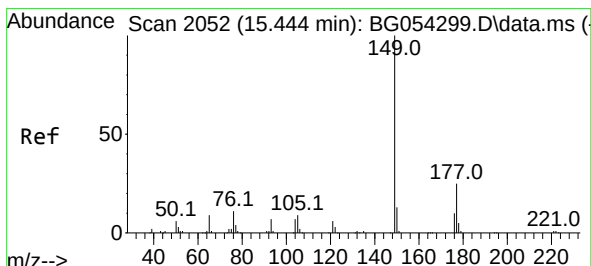
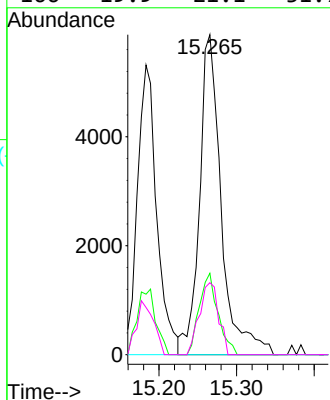
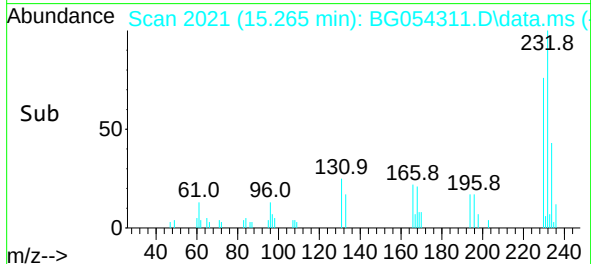
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2022



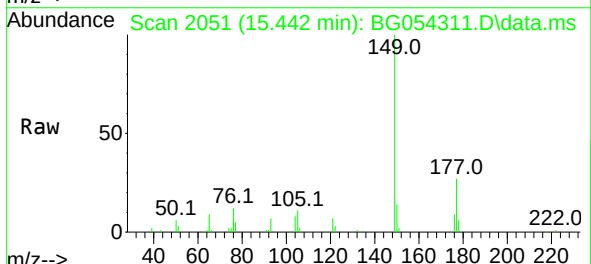
Tgt Ion:232 Resp: 1140
Ion Ratio Lower Upper
232 100
131 22.0 30.6 46.0
130 0.0 1.8 2.8
166 19.9 21.1 31.7

Manual Integrations
APPROVED

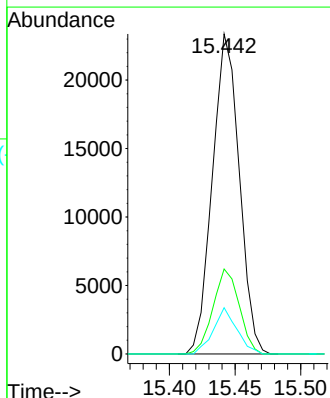
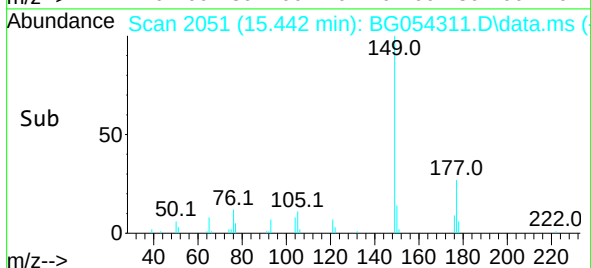
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022

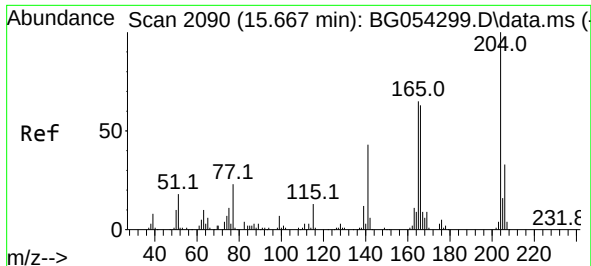


#60
Diethylphthalate
Concen: 9.104 ng
RT: 15.442 min Scan# 2051
Delta R.T. -0.002 min
Lab File: BG054311.D
Acq: 18 Jul 2022 14:29



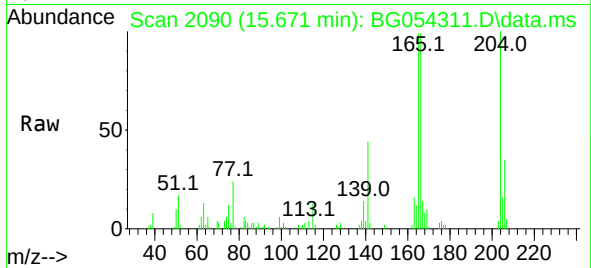
Tgt Ion:149 Resp: 33270
Ion Ratio Lower Upper
149 100
177 26.6 18.4 27.6
150 14.4 11.2 16.8





#61
4-Chlorophenyl-phenylether
Concen: 9.906 ng
RT: 15.671 min Scan# 2090
Delta R.T. 0.004 min
Lab File: BG054311.D
Acq: 18 Jul 2022 14:29

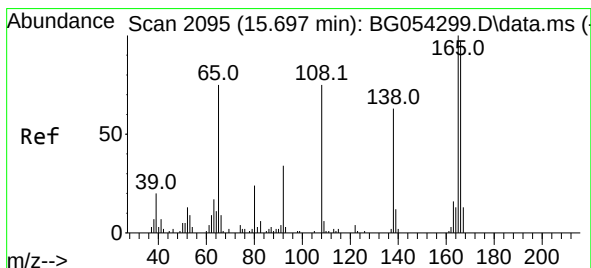
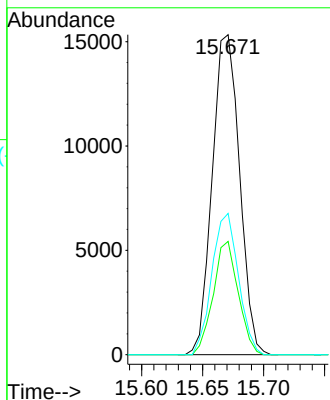
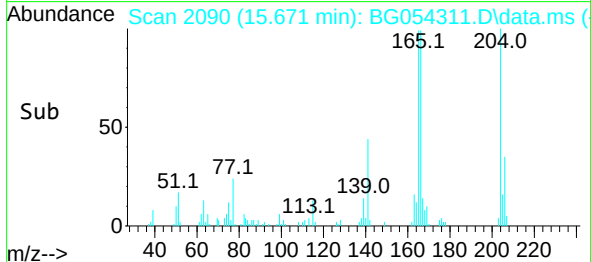
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2022



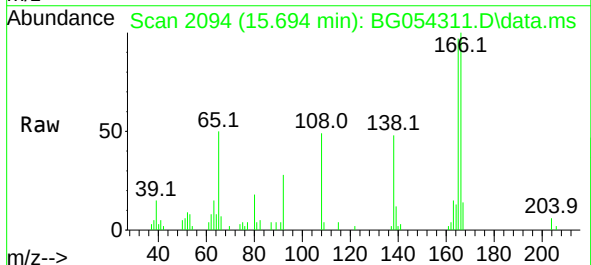
Tgt Ion:204 Resp: 2389
Ion Ratio Lower Upper
204 100
206 35.4 27.5 41.3
141 44.1 45.3 67.9

Manual Integrations
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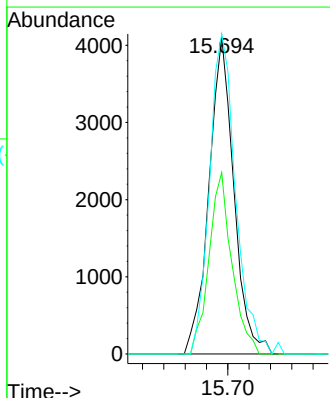
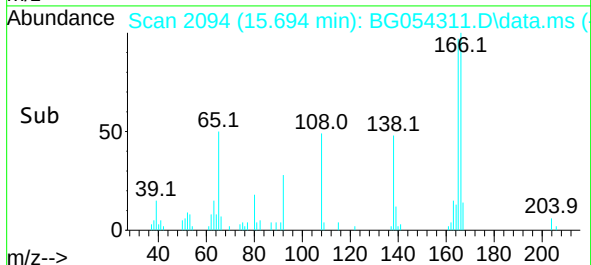
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022

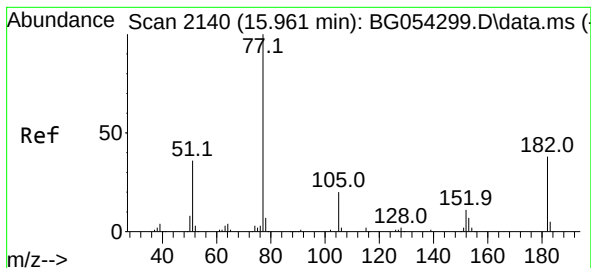


#62
4-Nitroaniline
Concen: 9.074 ng
RT: 15.694 min Scan# 2094
Delta R.T. -0.002 min
Lab File: BG054311.D
Acq: 18 Jul 2022 14:29



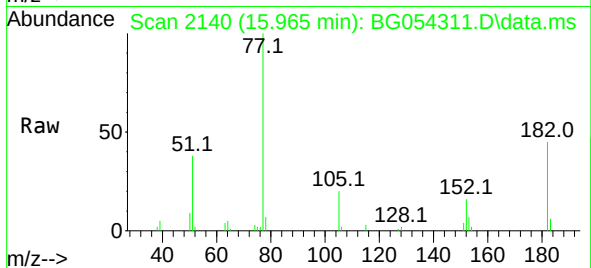
Tgt Ion:138 Resp: 6662
Ion Ratio Lower Upper
138 100
92 57.2 40.5 80.5
108 101.0 103.7 143.7#





#63
Azobenzene
Concen: 9.176 ng
RT: 15.965 min Scan# 2140
Delta R.T. 0.004 min
Lab File: BG054311.D
Acq: 18 Jul 2022 14:29

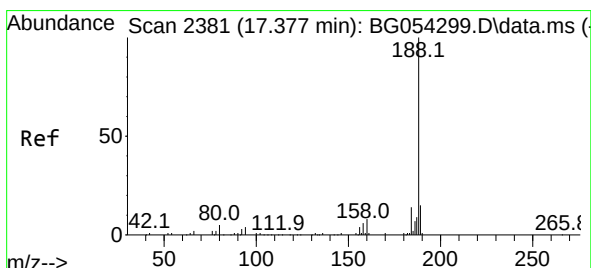
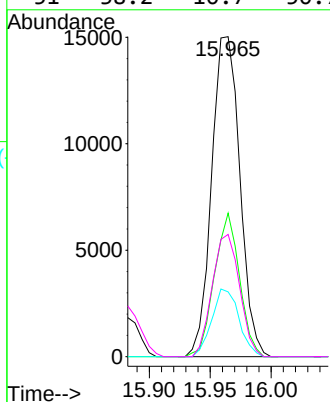
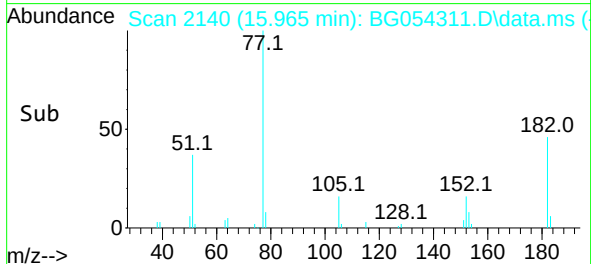
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2022



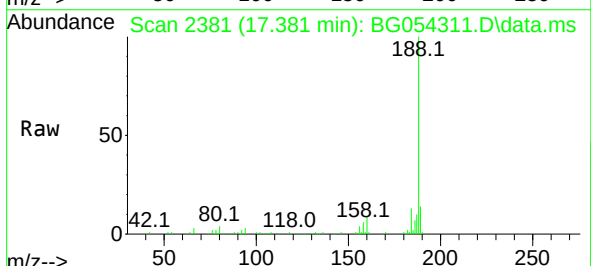
Tgt Ion: 77 Resp: 24229
Ion Ratio Lower Upper
77 100
182 44.9 3.8 43.8#
105 20.2 0.0 37.8#
51 38.2 10.7 50.7#

Manual Integrations
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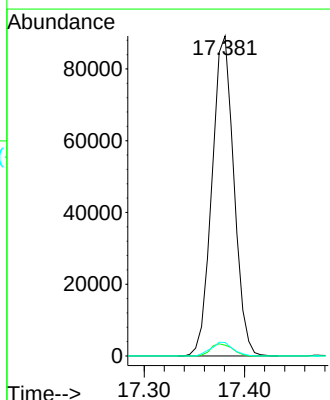
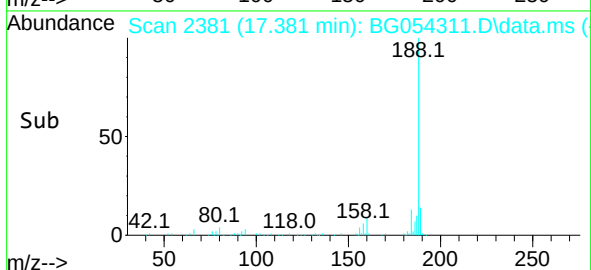
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022

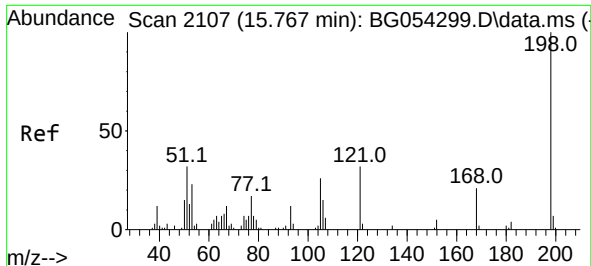


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.381 min Scan# 2381
Delta R.T. 0.004 min
Lab File: BG054311.D
Acq: 18 Jul 2022 14:29



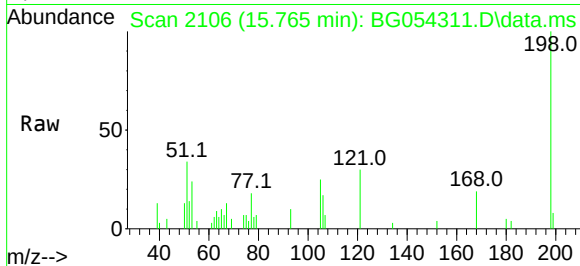
Tgt Ion:188 Resp: 135324
Ion Ratio Lower Upper
188 100
94 3.3 5.4 8.0#
80 4.2 6.8 10.2#





#65
4,6-Dinitro-2-methylphenol
Concen: 9.126 ng
RT: 15.765 min Scan# 2107
Delta R.T. -0.002 min
Lab File: BG054311.D
Acq: 18 Jul 2022 14:29

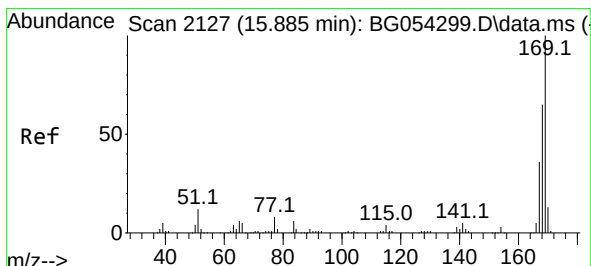
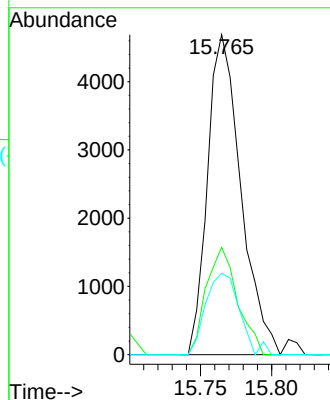
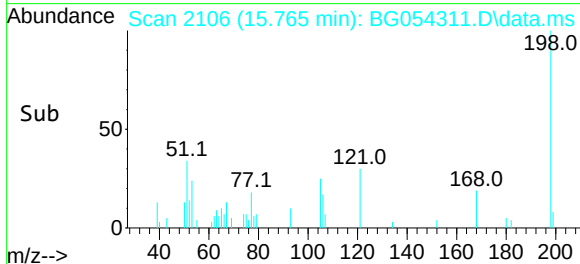
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2022



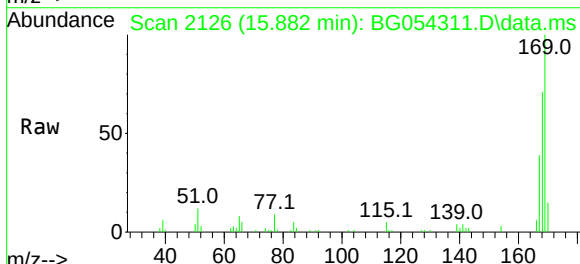
Tgt Ion:198 Resp: 7630
Ion Ratio Lower Upper
198 100
51 33.5 28.1 68.1
105 25.5 20.3 60.3

Manual Integrations
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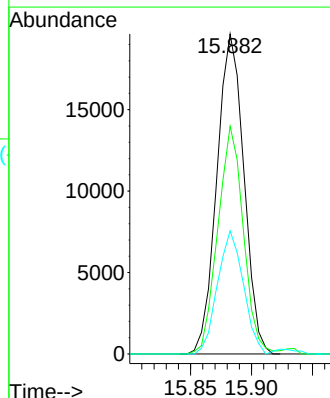
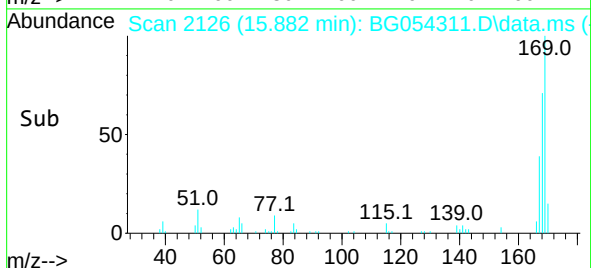
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022

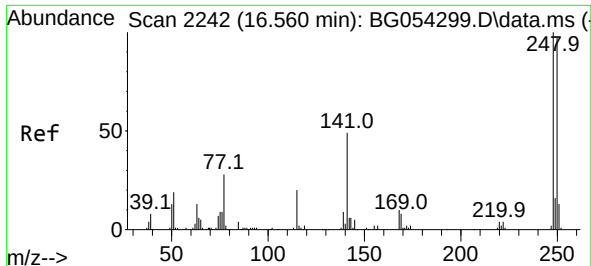


#66
n-Nitrosodiphenylamine
Concen: 8.966 ng
RT: 15.882 min Scan# 2126
Delta R.T. -0.002 min
Lab File: BG054311.D
Acq: 18 Jul 2022 14:29



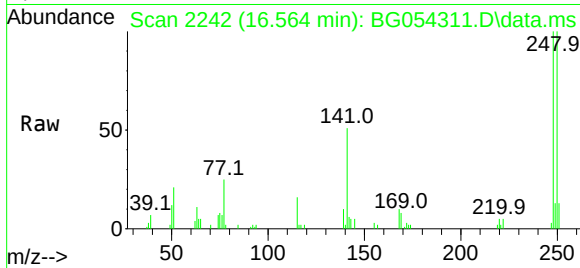
Tgt Ion:169 Resp: 30292
Ion Ratio Lower Upper
169 100
168 71.2 55.9 83.9
167 38.5 30.6 46.0





#67
4-Bromophenyl-phenylether
Concen: 8.836 ng
RT: 16.564 min Scan# 211
Delta R.T. 0.004 min
Lab File: BG054311.D
Acq: 18 Jul 2022 14:29

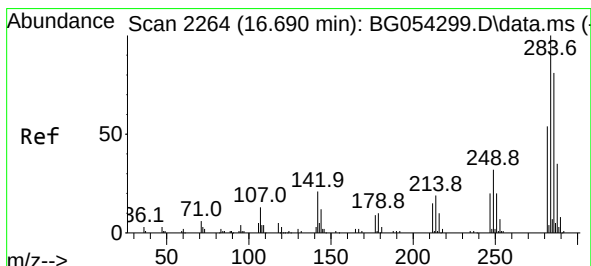
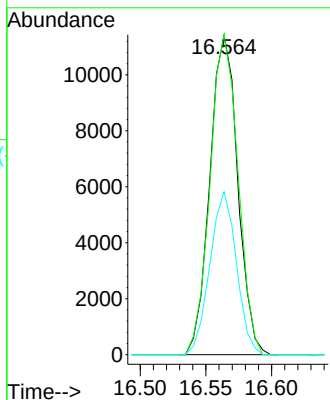
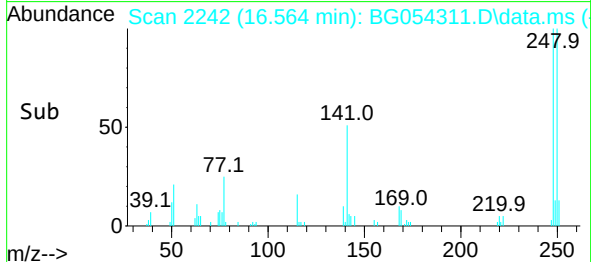
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2022



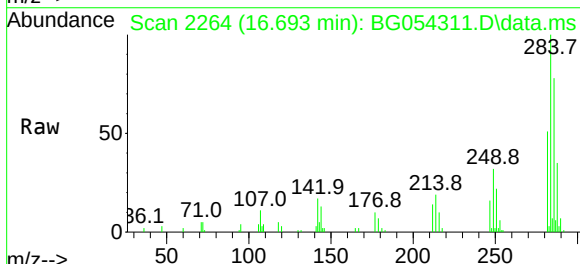
Tgt Ion:248 Resp: 1679
Ion Ratio Lower Upper
248 100
250 100.2 75.2 112.8
141 51.0 50.0 75.0

Manual Integrations
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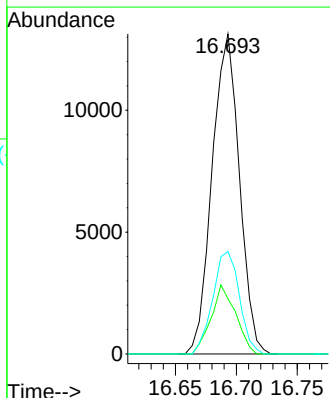
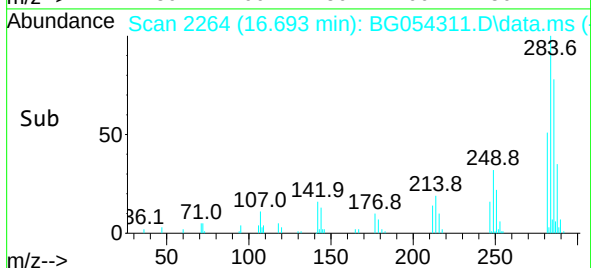
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022

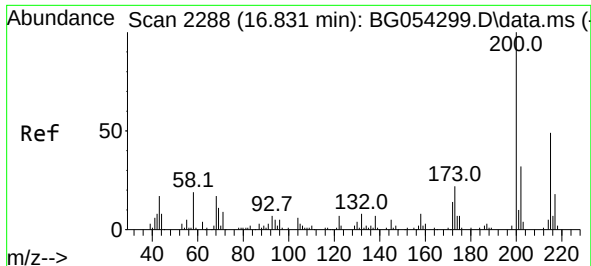


#68
Hexachlorobenzene
Concen: 9.395 ng
RT: 16.693 min Scan# 2264
Delta R.T. 0.004 min
Lab File: BG054311.D
Acq: 18 Jul 2022 14:29



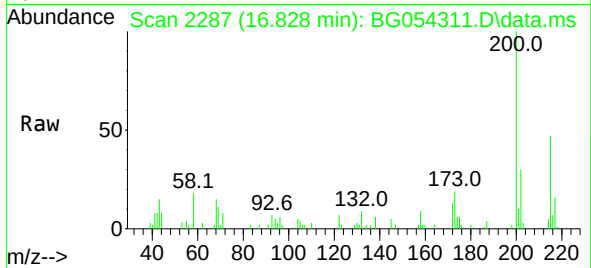
Tgt Ion:284 Resp: 20419
Ion Ratio Lower Upper
284 100
142 17.2 23.6 35.4#
249 32.0 25.8 38.6





#69
 Atrazine
 Concen: 10.576 ng
 RT: 16.828 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG054311.D
 Acq: 18 Jul 2022 14:29

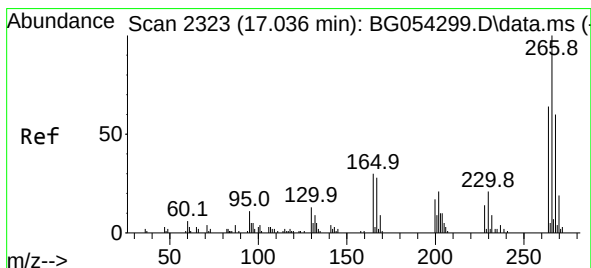
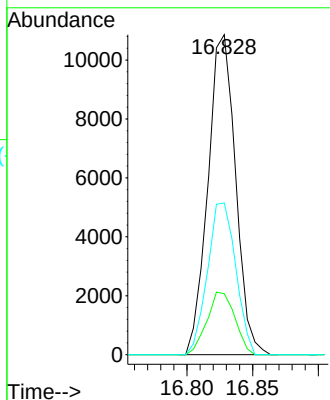
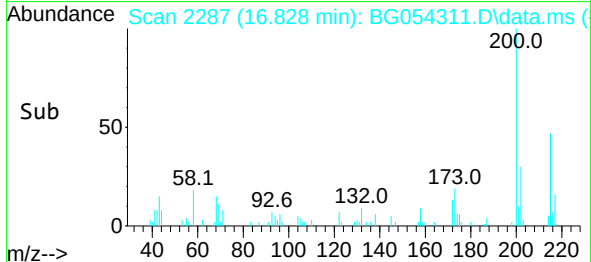
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT2-2022



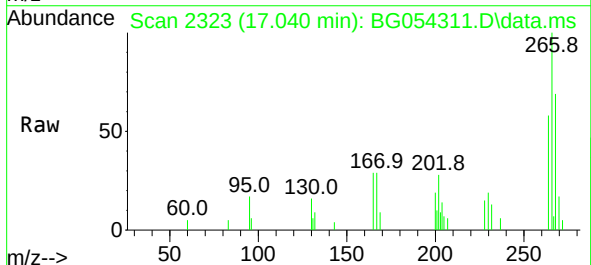
Tgt Ion:200 Resp: 1590
 Ion Ratio Lower Upper
 200 100
 173 19.0 3.7 43.7
 215 47.4 25.2 65.2

Manual Integrations
 APPROVED

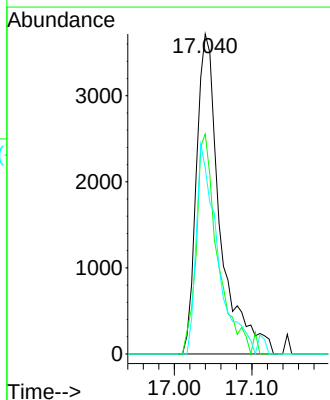
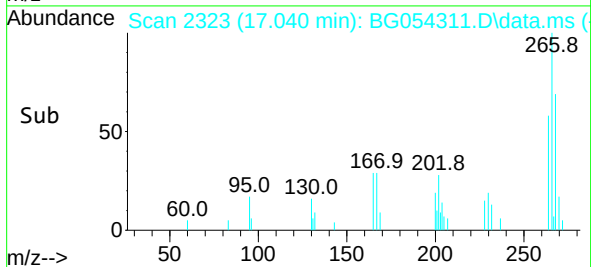
Reviewed By :Christian Giraldo 07/19/2022
 Supervised By :Jagrut Upadhyay 07/19/2022

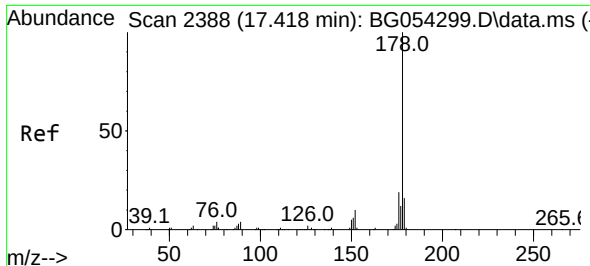


#70
 Pentachlorophenol
 Concen: 9.296 ng
 RT: 17.040 min Scan# 2323
 Delta R.T. 0.004 min
 Lab File: BG054311.D
 Acq: 18 Jul 2022 14:29



Tgt Ion:266 Resp: 7906
 Ion Ratio Lower Upper
 266 100
 268 68.7 56.2 84.2
 264 58.1 53.0 79.4





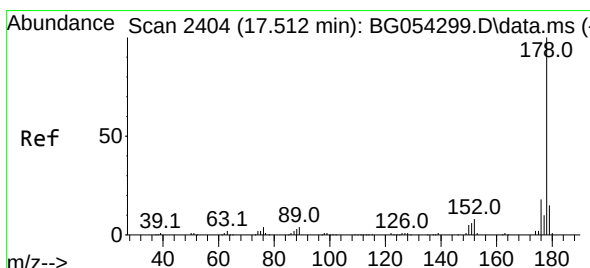
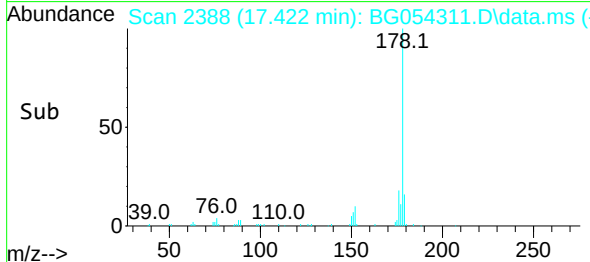
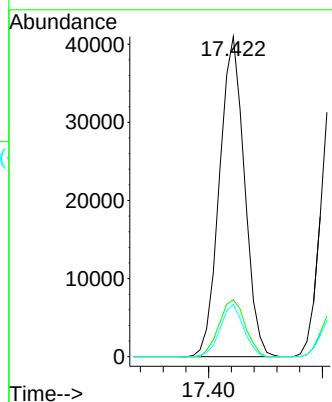
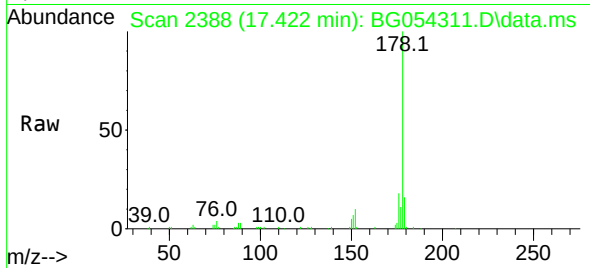
#71
Phenanthrene
Concen: 9.268 ng
RT: 17.422 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG054311.D
Acq: 18 Jul 2022 14:29

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2022

Tgt Ion:178 Resp: 62458
Ion Ratio Lower Upper
178 100
176 17.8 14.1 21.1
179 16.3 12.1 18.1

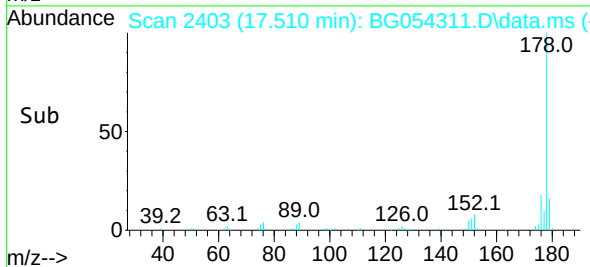
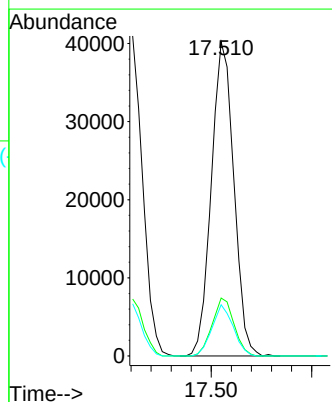
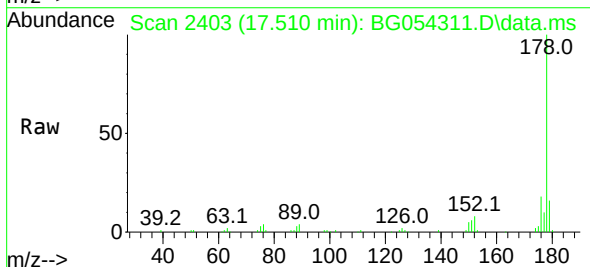
Manual Integrations
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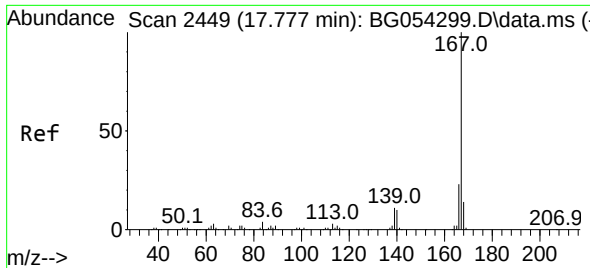
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022



#72
Anthracene
Concen: 9.483 ng
RT: 17.510 min Scan# 2403
Delta R.T. -0.002 min
Lab File: BG054311.D
Acq: 18 Jul 2022 14:29

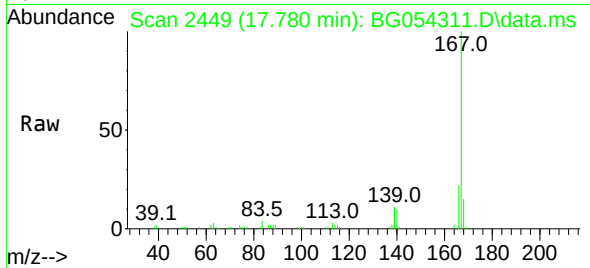
Tgt Ion:178 Resp: 62713
Ion Ratio Lower Upper
178 100
176 18.4 15.2 22.8
179 16.3 13.0 19.4





#73
 Carbazole
 Concen: 9.590 ng
 RT: 17.780 min Scan# 2449
 Delta R.T. 0.004 min
 Lab File: BG054311.D
 Acq: 18 Jul 2022 14:29

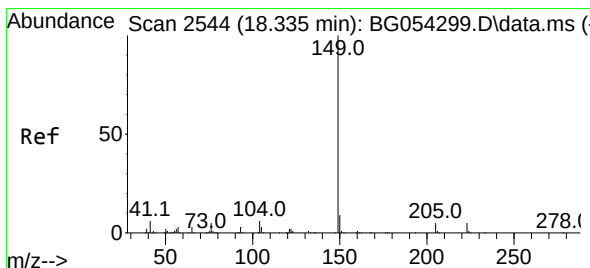
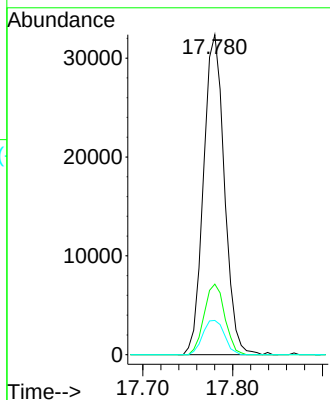
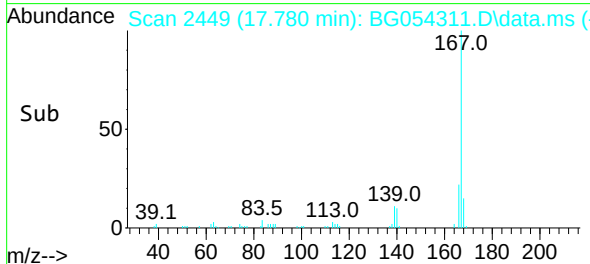
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT2-2022



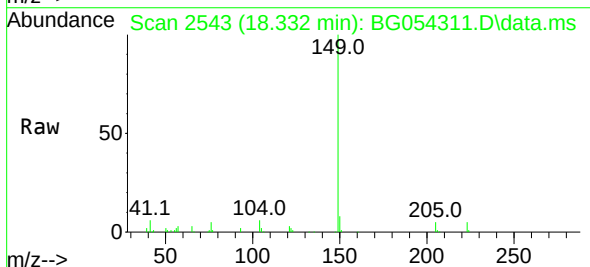
Tgt Ion:167 Resp: 5221
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.2 27.2
 139 10.7 10.1 15.1

Manual Integrations
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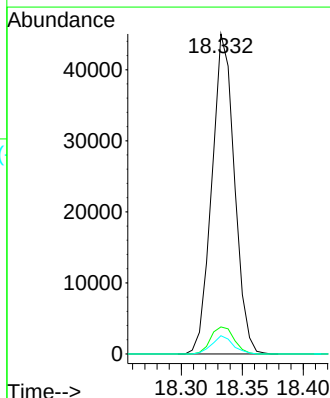
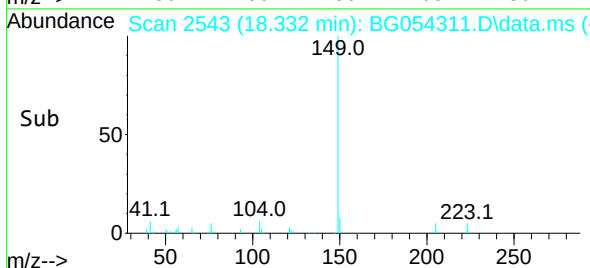
Reviewed By :Christian Giraldo 07/19/2022
 Supervised By :Jagrut Upadhyay 07/19/2022

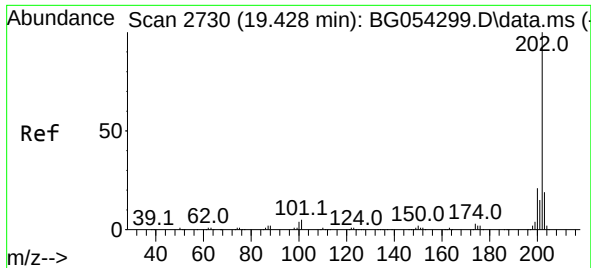


#74
 Di-n-butylphthalate
 Concen: 9.039 ng
 RT: 18.332 min Scan# 2543
 Delta R.T. -0.002 min
 Lab File: BG054311.D
 Acq: 18 Jul 2022 14:29



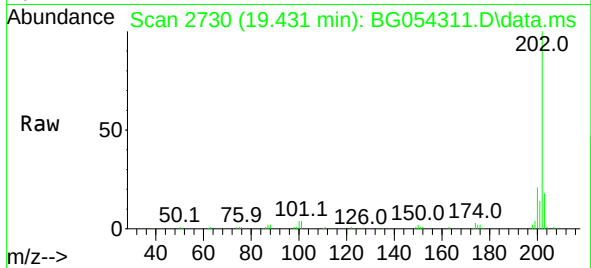
Tgt Ion:149 Resp: 58077
 Ion Ratio Lower Upper
 149 100
 150 8.5 7.7 11.5
 104 5.7 5.4 8.0





#75
Fluoranthene
Concen: 9.413 ng
RT: 19.431 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG054311.D
Acq: 18 Jul 2022 14:29

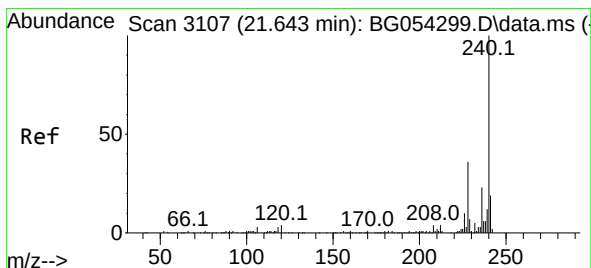
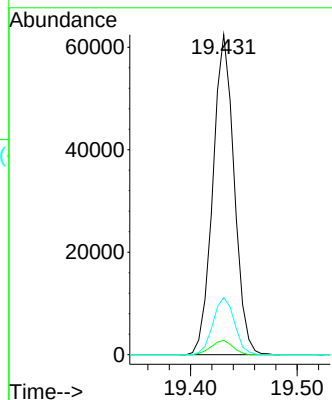
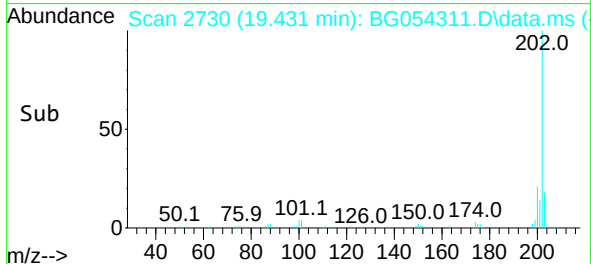
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion:202 Resp: 8647
Ion Ratio Lower Upper
202 100
101 4.5 0.0 26.9
203 17.9 0.0 37.2

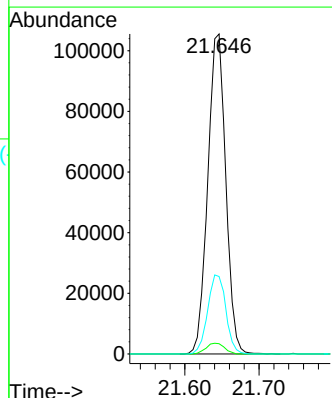
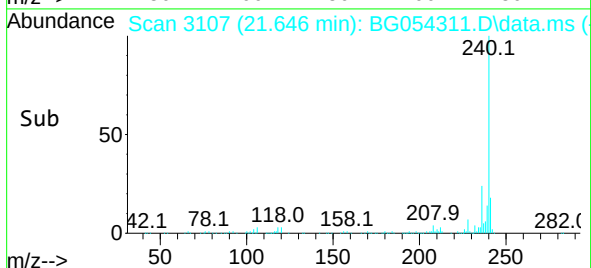
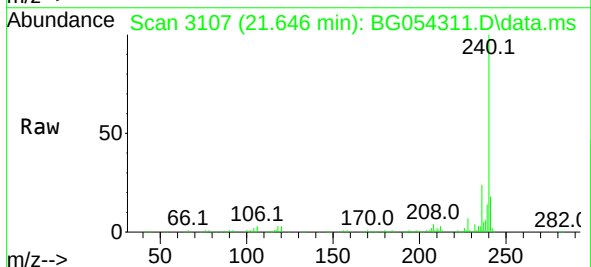
Manual Integrations
APPROVED

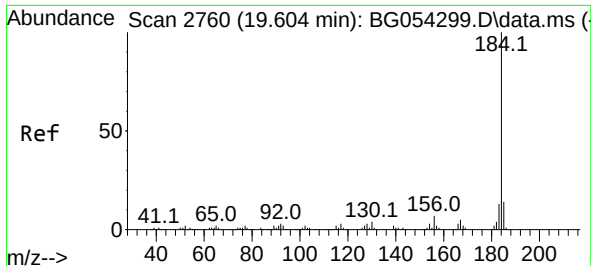
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.646 min Scan# 3107
Delta R.T. 0.003 min
Lab File: BG054311.D
Acq: 18 Jul 2022 14:29

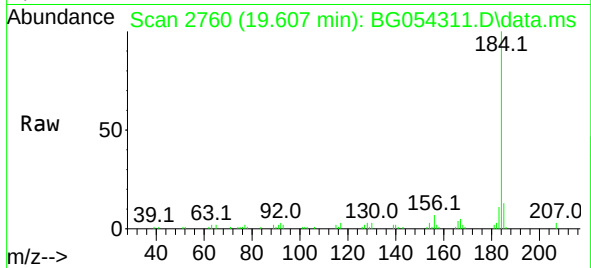
Tgt Ion:240 Resp: 177659
Ion Ratio Lower Upper
240 100
120 3.2 4.6 7.0#
236 24.2 20.2 30.4





#77
Benzidine
Concen: 12.359 ng
RT: 19.607 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG054311.D
Acq: 18 Jul 2022 14:29

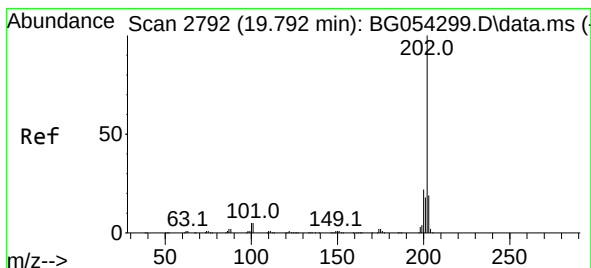
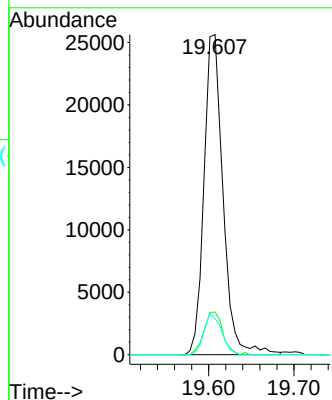
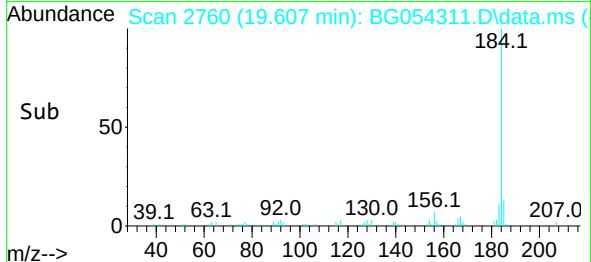
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2022



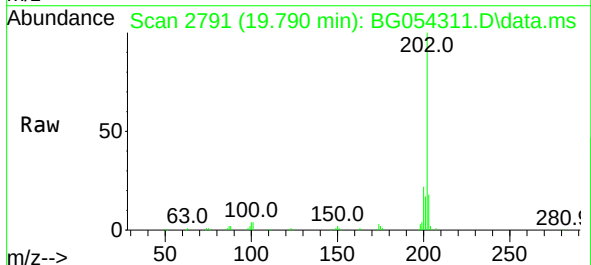
Tgt Ion:184 Resp: 39760
Ion Ratio Lower Upper
184 100
185 13.3 11.8 17.6
183 11.3 8.9 13.3

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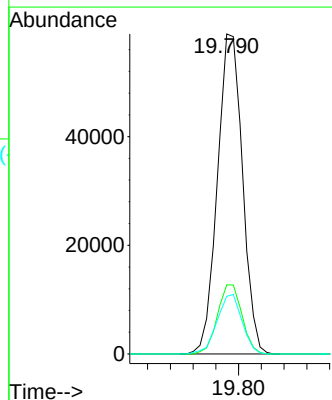
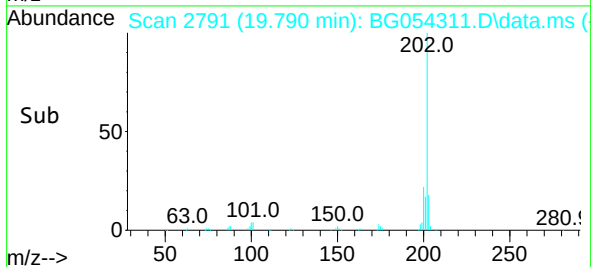
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022

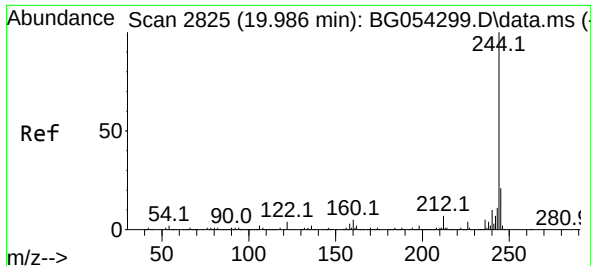


#78
Pyrene
Concen: 8.855 ng
RT: 19.790 min Scan# 2791
Delta R.T. -0.002 min
Lab File: BG054311.D
Acq: 18 Jul 2022 14:29



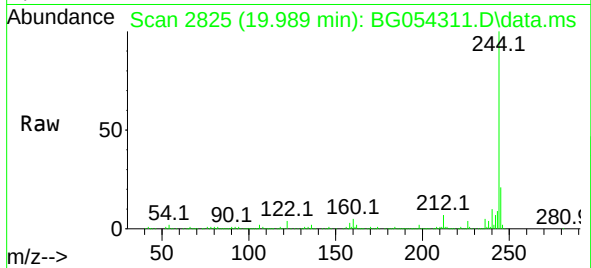
Tgt Ion:202 Resp: 90265
Ion Ratio Lower Upper
202 100
200 21.6 16.6 24.8
203 18.0 14.6 21.8





#79
 Terphenyl-d14
 Concen: 82.538 ng
 RT: 19.989 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG054311.D
 Acq: 18 Jul 2022 14:29

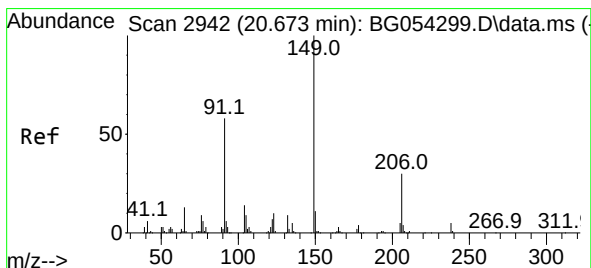
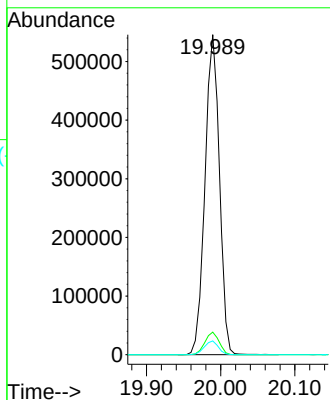
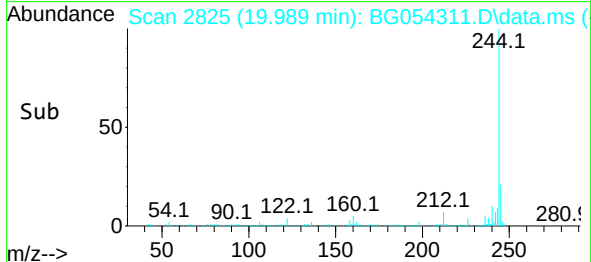
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT2-2022



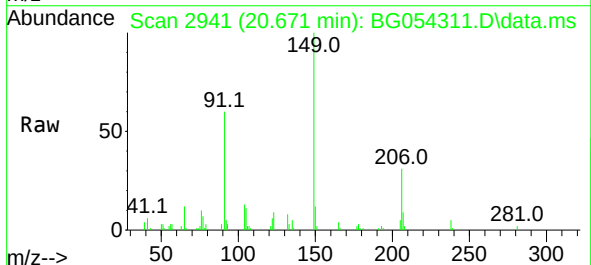
Tgt Ion:244 Resp: 73916
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.5 9.7
 122 4.3 5.0 7.4

Manual Integrations
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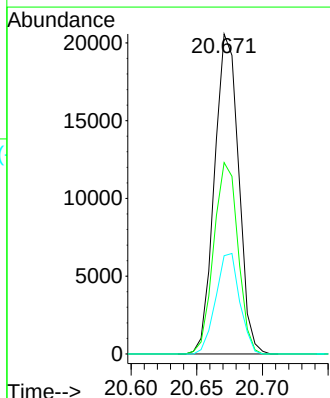
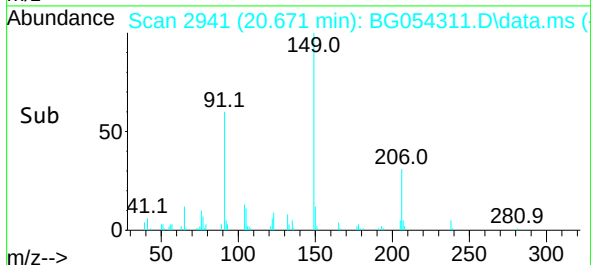
Reviewed By :Christian Giraldo 07/19/2022
 Supervised By :Jagrut Upadhyay 07/19/2022

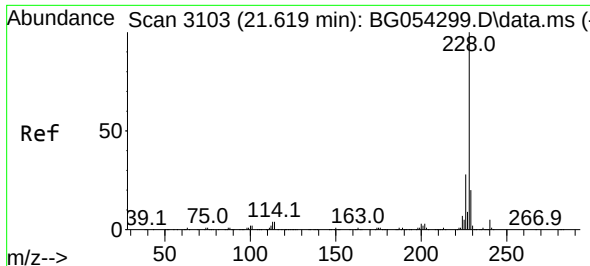


#80
 Butylbenzylphthalate
 Concen: 8.257 ng
 RT: 20.671 min Scan# 2941
 Delta R.T. -0.002 min
 Lab File: BG054311.D
 Acq: 18 Jul 2022 14:29



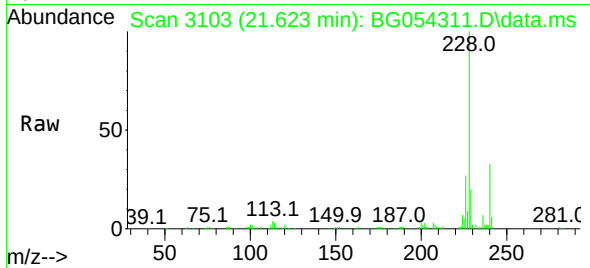
Tgt Ion:149 Resp: 26229
 Ion Ratio Lower Upper
 149 100
 91 59.8 59.6 89.4
 206 30.7 18.6 28.0





#81
Benzo(a)anthracene
Concen: 9.102 ng
RT: 21.623 min Scan# 3103
Delta R.T. 0.004 min
Lab File: BG054311.D
Acq: 18 Jul 2022 14:29

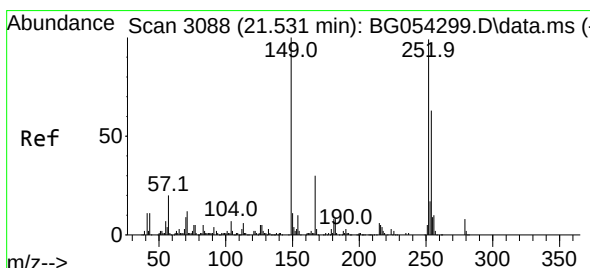
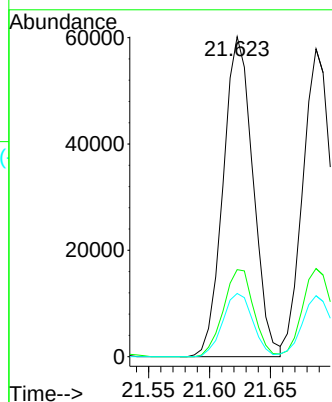
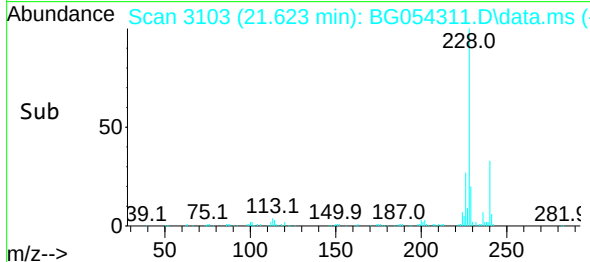
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion:228 Resp: 102649
Ion Ratio Lower Upper
228 100
226 27.2 21.6 32.4
229 19.7 16.2 24.2

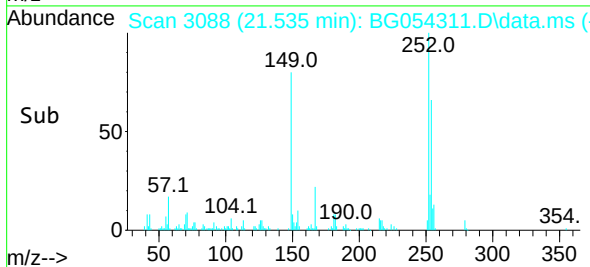
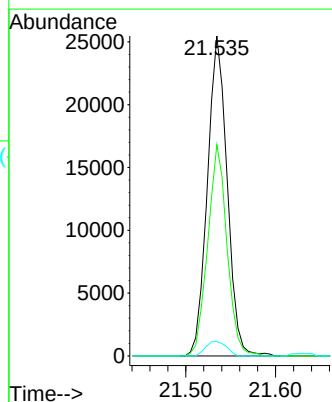
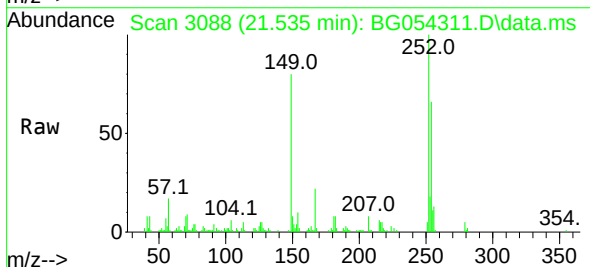
Manual Integrations
APPROVED

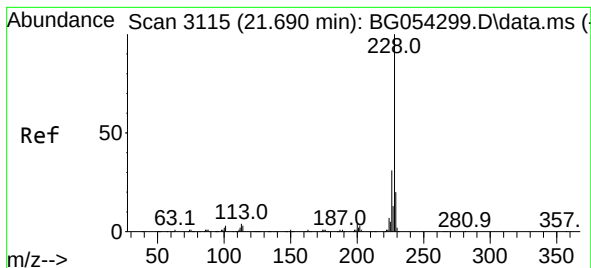
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022



#82
3,3'-Dichlorobenzidine
Concen: 11.089 ng
RT: 21.535 min Scan# 3088
Delta R.T. 0.004 min
Lab File: BG054311.D
Acq: 18 Jul 2022 14:29

Tgt Ion:252 Resp: 38894
Ion Ratio Lower Upper
252 100
254 66.0 49.8 74.8
126 4.5 6.0 9.0#





#83

Chrysene

Concen: 8.962 ng

RT: 21.687 min Scan# 3115

Delta R.T. -0.002 min

Lab File: BG054311.D

Acq: 18 Jul 2022 14:29

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT2-2022

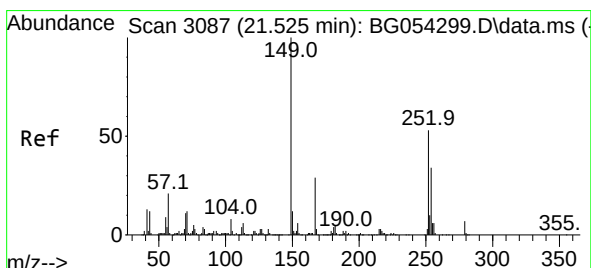
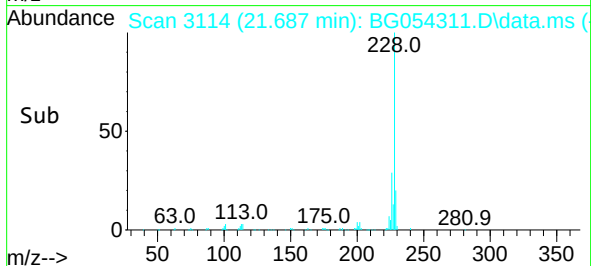
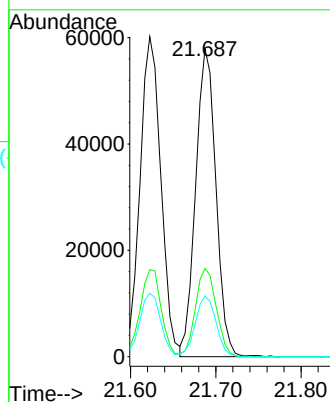
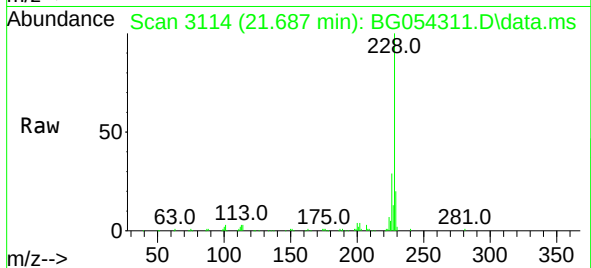
Tgt Ion:228 Resp: 95489
 Ion Ratio Lower Upper
 228 100
 226 28.6 23.4 35.2
 229 19.8 15.5 23.3

Manual Integrations

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Reviewed By :Christian Giraldo 07/19/2022

Supervised By :Jagrut Upadhyay 07/19/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.673 ng

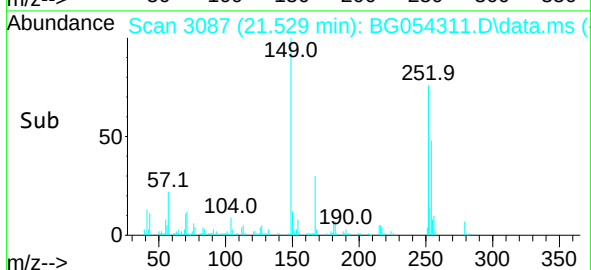
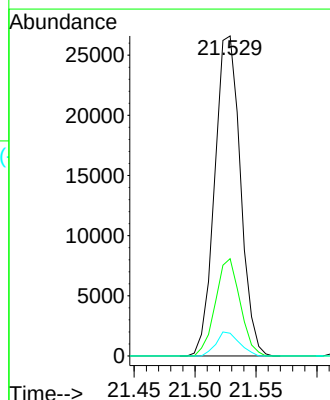
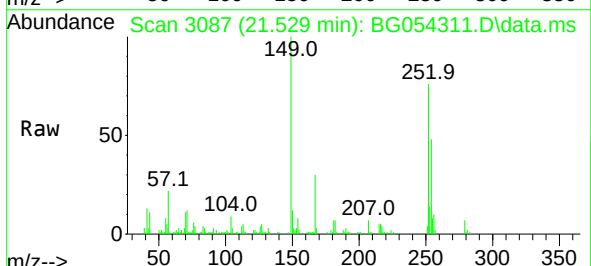
RT: 21.529 min Scan# 3087

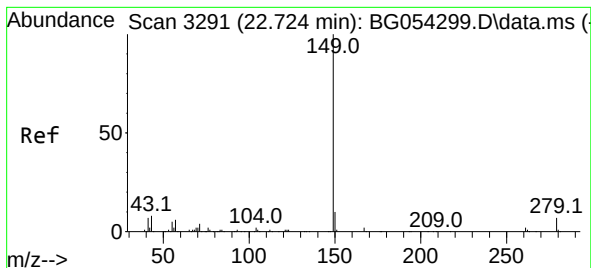
Delta R.T. 0.004 min

Lab File: BG054311.D

Acq: 18 Jul 2022 14:29

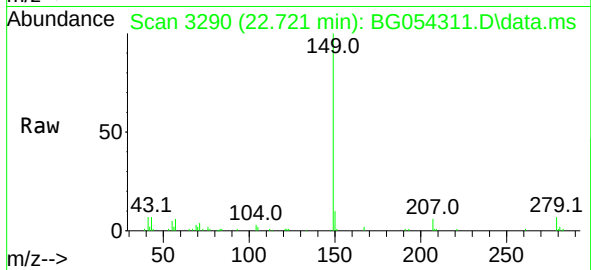
Tgt Ion:149 Resp: 38987
 Ion Ratio Lower Upper
 149 100
 167 30.4 20.2 30.4#
 279 7.1 3.6 5.4#





#85
Di-n-octyl phthalate
Concen: 8.626 ng
RT: 22.721 min Scan# 3291
Delta R.T. -0.002 min
Lab File: BG054311.D
Acq: 18 Jul 2022 14:29

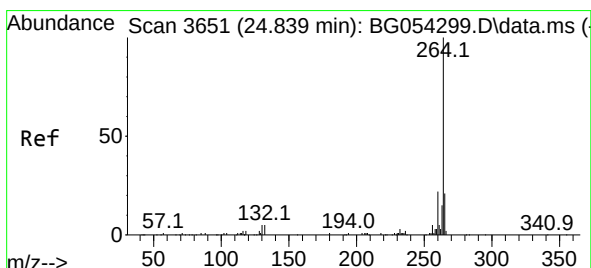
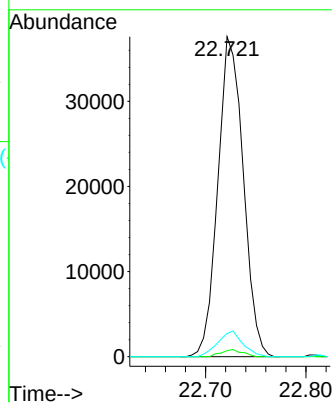
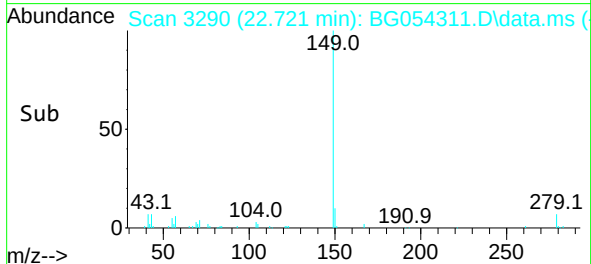
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion:149 Resp: 6615
Ion Ratio Lower Upper
149 100
167 1.9 1.3 1.9
43 7.9 9.0 13.4

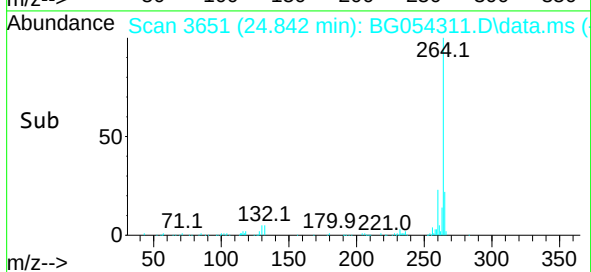
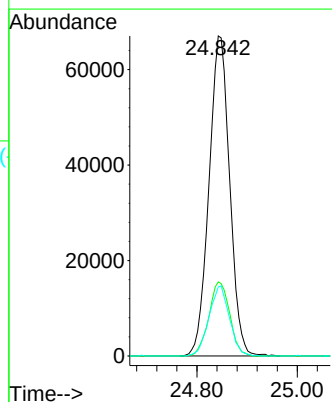
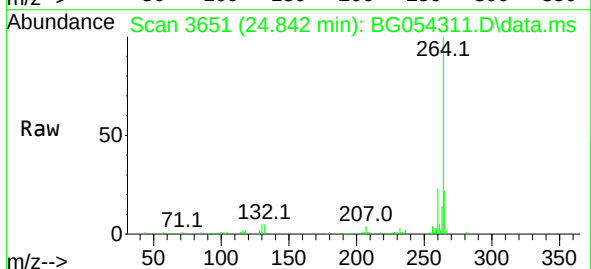
Manual Integrations
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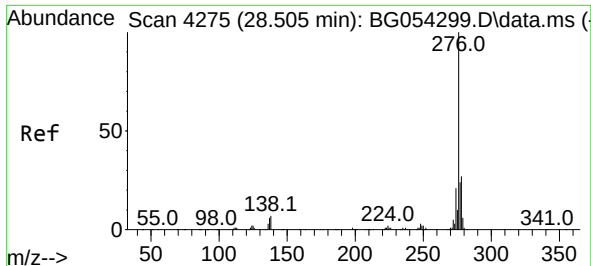
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.842 min Scan# 3651
Delta R.T. 0.004 min
Lab File: BG054311.D
Acq: 18 Jul 2022 14:29

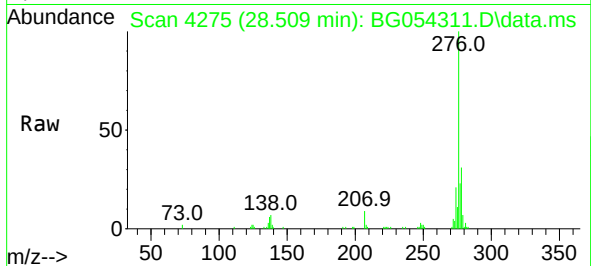
Tgt Ion:264 Resp: 191711
Ion Ratio Lower Upper
264 100
260 23.2 19.0 28.6
265 21.5 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 8.616 ng
RT: 28.509 min Scan# 4275
Delta R.T. 0.004 min
Lab File: BG054311.D
Acq: 18 Jul 2022 14:29

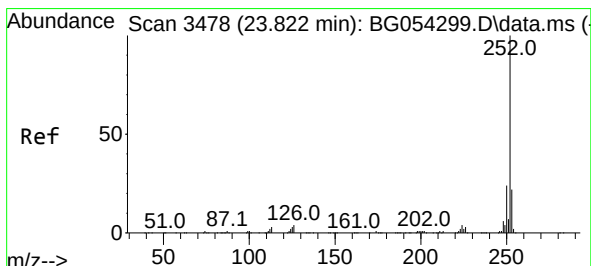
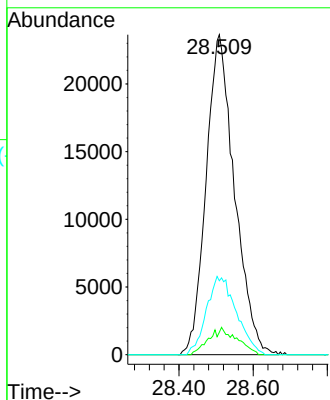
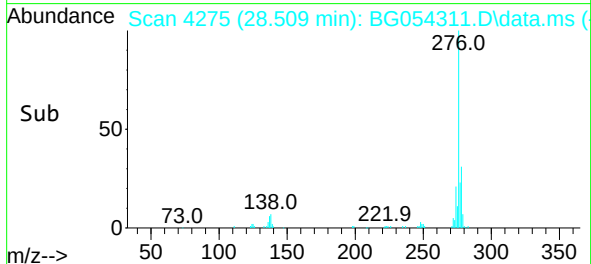
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2022



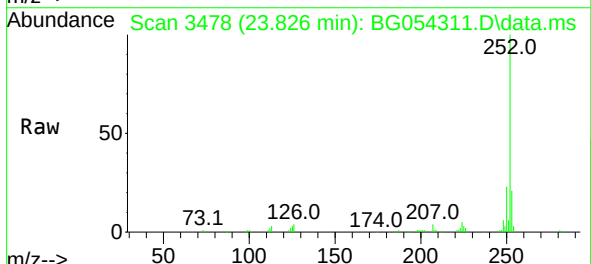
Tgt Ion:276 Resp: 125658
Ion Ratio Lower Upper
276 100
138 3.0 5.0 7.4
277 25.8 20.3 30.5

Manual Integrations
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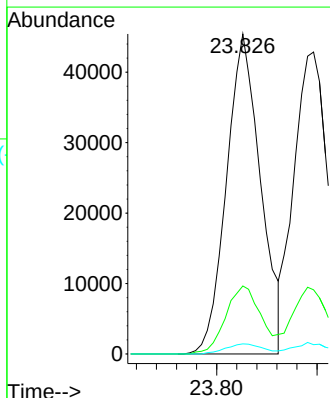
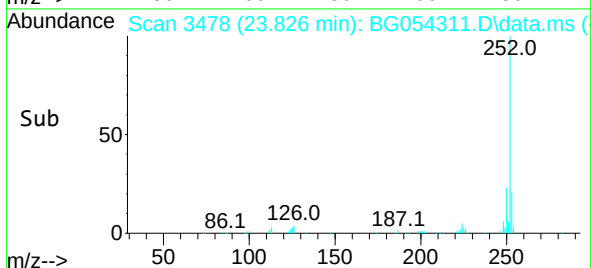
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022

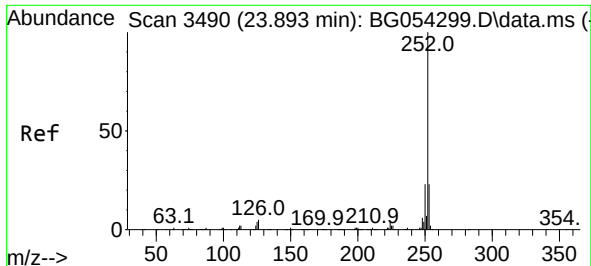


#88
Benzo(b)fluoranthene
Concen: 9.449 ng
RT: 23.826 min Scan# 3478
Delta R.T. 0.004 min
Lab File: BG054311.D
Acq: 18 Jul 2022 14:29



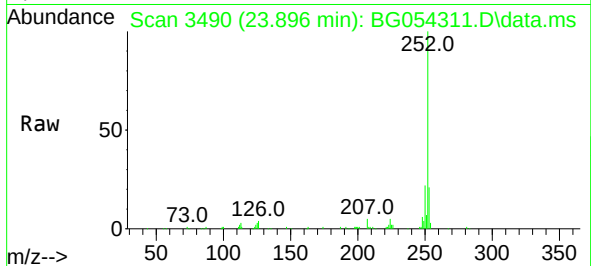
Tgt Ion:252 Resp: 107126
Ion Ratio Lower Upper
252 100
253 21.2 18.0 27.0
125 3.2 4.6 6.8





#89
Benzo(k)fluoranthene
Concen: 9.203 ng
RT: 23.896 min Scan# 3490
Delta R.T. 0.004 min
Lab File: BG054311.D
Acq: 18 Jul 2022 14:29

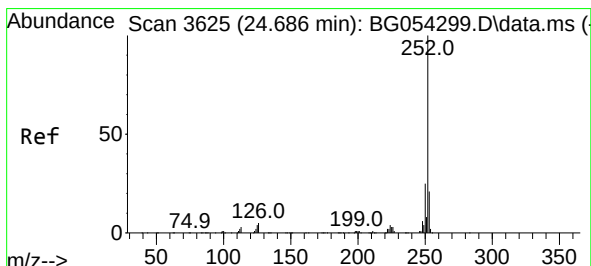
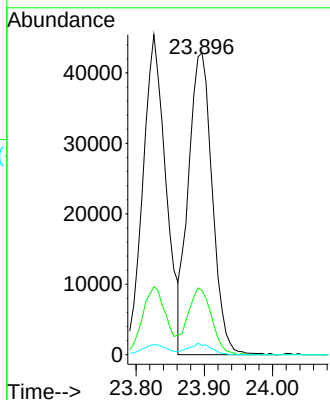
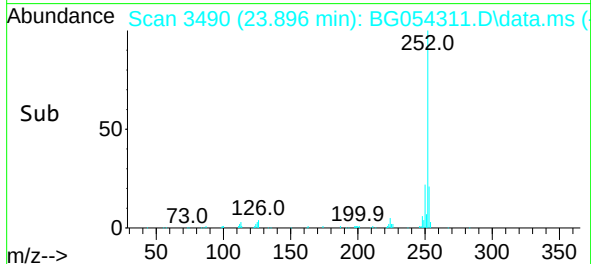
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion:252 Resp: 10384
Ion Ratio Lower Upper
252 100
253 21.2 18.4 27.6
125 3.1 4.8 7.2

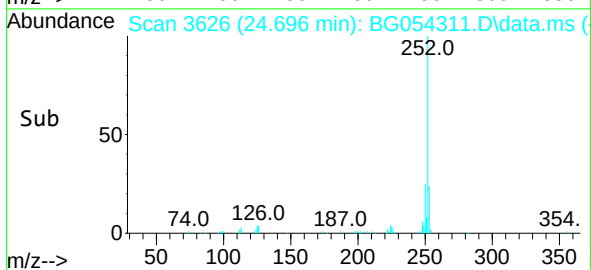
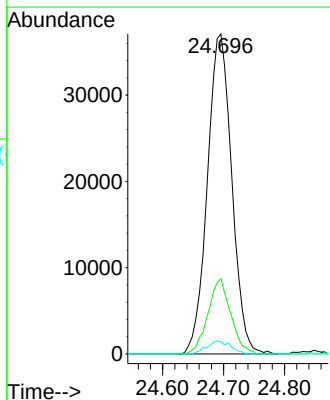
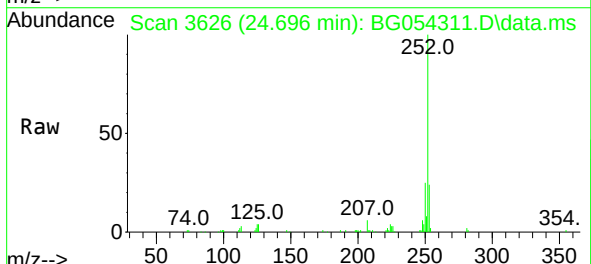
Manual Integrations
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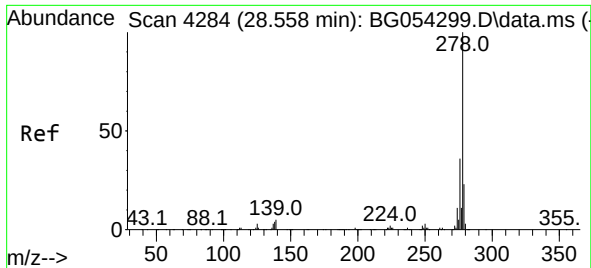
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022



#90
Benzo(a)pyrene
Concen: 10.649 ng
RT: 24.696 min Scan# 3626
Delta R.T. 0.009 min
Lab File: BG054311.D
Acq: 18 Jul 2022 14:29

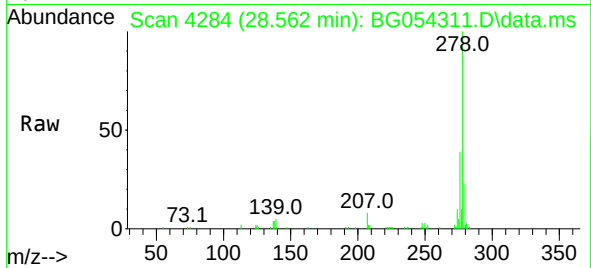
Tgt Ion:252 Resp: 103109
Ion Ratio Lower Upper
252 100
253 23.5 17.8 26.8
125 3.8 4.3 6.5





#91
Dibenzo(a,h)anthracene
Concen: 9.206 ng
RT: 28.562 min Scan# 41
Delta R.T. 0.004 min
Lab File: BG054311.D
Acq: 18 Jul 2022 14:29

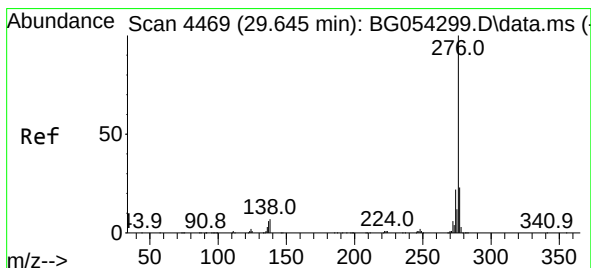
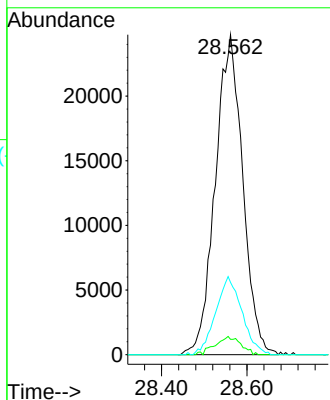
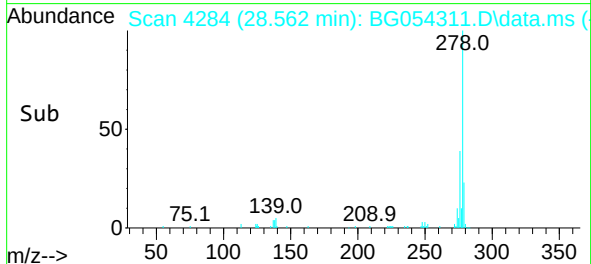
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2022



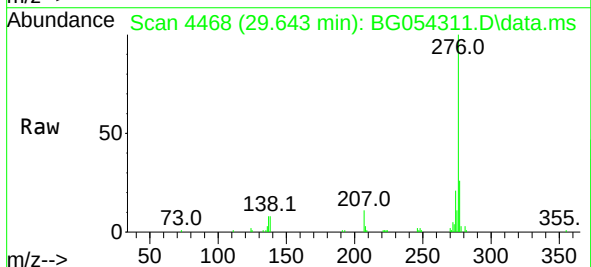
Tgt Ion:278 Resp: 11040
Ion Ratio Lower Upper
278 100
139 5.9 7.2 10.8
279 22.6 18.6 27.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022



#92
Benzo(g,h,i)perylene
Concen: 9.210 ng
RT: 29.643 min Scan# 4468
Delta R.T. -0.002 min
Lab File: BG054311.D
Acq: 18 Jul 2022 14:29



Tgt Ion:276 Resp: 109010
Ion Ratio Lower Upper
276 100
277 25.9 17.3 25.9
138 7.6 9.6 14.4

