

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031622\
 Data File : BG052679.D
 Acq On : 16 Mar 2022 15:54
 Operator : CG/JU
 Sample : N1645-08
 Misc : LOQ-WATER 10ppm
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT1-2022

Quant Time: Mar 16 16:40:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 16 11:53:01 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/17/2022
 Supervised By :Jagrut Upadhyay 03/17/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.155	152	36805	20.000	ng	0.00
21) Naphthalene-d8	10.969	136	146441	20.000	ng	0.00
39) Acenaphthene-d10	14.776	164	104623	20.000	ng	0.00
64) Phenanthrene-d10	17.513	188	251896	20.000	ng	0.00
76) Chrysene-d12	21.808	240	286195	20.000	ng	0.00
86) Perylene-d12	25.127	264	287190	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.706	112	203182	96.140	ng	0.00
7) Phenol-d6	7.298	99	291712	91.556	ng	0.00
23) Nitrobenzene-d5	9.313	82	219338	75.175	ng	0.00
42) 2,4,6-Tribromophenol	16.256	330	124693	88.696	ng	0.00
45) 2-Fluorobiphenyl	13.401	172	506523	71.403	ng	0.00
79) Terphenyl-d14	20.122	244	1080114	67.135	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.603	88	10155	9.606	ng	# 96
3) Pyridine	4.002	79	23481	8.665	ng	# 94
4) n-Nitrosodimethylamine	3.908	42	9484	7.889	ng	# 84
6) Aniline	7.468	93	35090	9.393	ng	# 88
8) 2-Chlorophenol	7.715	128	21445	9.657	ng	95
9) Benzaldehyde	7.280	77	23908	12.217	ng	87
10) Phenol	7.321	94	26990	8.581	ng	87
11) bis(2-Chloroethyl)ether	7.562	93	20454	8.612	ng	89
12) 1,3-Dichlorobenzene	8.044	146	23903	8.940	ng	94
13) 1,4-Dichlorobenzene	8.191	146	23684	8.816	ng	95
14) 1,2-Dichlorobenzene	8.514	146	22068	8.686	ng	97
15) Benzyl Alcohol	8.379	79	21461	8.000	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.684	45	35492	8.581	ng	96
17) 2-Methylphenol	8.578	107	17841	8.509	ng	95
18) Hexachloroethane	9.248	117	9131	9.264	ng	95
19) n-Nitroso-di-n-propyla...	8.954	70	20166	8.936	ng	92
20) 3+4-Methylphenols	8.907	107	25170	8.578	ng	89
22) Acetophenone	8.972	105	36127	9.533	ng	98
24) Nitrobenzene	9.354	77	27765	9.511	ng	96
25) Isophorone	9.883	82	51158	9.055	ng	98
26) 2-Nitrophenol	10.070	139	8607	8.490	ng	94
27) 2,4-Dimethylphenol	10.117	122	20782	10.020	ng	97
28) bis(2-Chloroethoxy)met...	10.364	93	28436	8.512	ng	96
29) 2,4-Dichlorophenol	10.605	162	19219	8.235	ng	96
30) 1,2,4-Trichlorobenzene	10.828	180	24685	8.966	ng	97
31) Naphthalene	11.016	128	68000	8.980	ng	100
32) Benzoic acid	10.188	122	12549	9.002	ng	99
33) 4-Chloroaniline	11.110	127	28716	8.947	ng	# 90
34) Hexachlorobutadiene	11.310	225	17071	8.648	ng	97
35) Caprolactam	11.868	113	5715	8.968	ng	94
36) 4-Chloro-3-methylphenol	12.215	107	22697	8.375	ng	# 81
37) 2-Methylnaphthalene	12.614	142	50414	9.091	ng	96
38) 1-Methylnaphthalene	12.831	142	48013	8.871	ng	97
40) 1,2,4,5-Tetrachloroben...	12.978	216	30603	9.363	ng	98
41) Hexachlorocyclopentadiene	12.961	237	25152m	12.982	ng	
43) 2,4,6-Trichlorophenol	13.207	196	18492	8.834	ng	89

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.278	196	19206	9.040	ng	96
46) 1,1'-Biphenyl	13.607	154	68278	9.332	ng	98
47) 2-Chloronaphthalene	13.654	162	53865	9.348	ng	95
48) 2-Nitroaniline	13.842	65	13430	8.522	ng	97
49) Acenaphthylene	14.500	152	88809	9.669	ng	98
50) Dimethylphthalate	14.218	163	66475	8.549	ng	99
51) 2,6-Dinitrotoluene	14.329	165	11942	9.096	ng	# 85
52) Acenaphthene	14.840	154	55089	9.362	ng	96
53) 3-Nitroaniline	14.658	138	13176	8.577	ng	99
54) 2,4-Dinitrophenol	14.864	184	8772	12.258	ng	# 65
55) Dibenzofuran	15.169	168	84295	8.772	ng	98
56) 4-Nitrophenol	14.946	139	11555	9.221	ng	94
57) 2,4-Dinitrotoluene	15.111	165	15742	8.642	ng	91
58) Fluorene	15.822	166	69051	8.815	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.387	232	18153	7.994	ng	98
60) Diethylphthalate	15.581	149	69951	8.522	ng	94
61) 4-Chlorophenyl-phenyle...	15.810	204	37275	8.629	ng	95
62) 4-Nitroaniline	15.816	138	14705	9.059	ng	86
63) Azobenzene	16.098	77	75380	8.592	ng	94
65) 4,6-Dinitro-2-methylph...	15.874	198	12143	10.813	ng	87
66) n-Nitrosodiphenylamine	16.015	169	60443	8.523	ng	97
67) 4-Bromophenyl-phenylether	16.703	248	25198	8.297	ng	95
68) Hexachlorobenzene	16.826	284	27846	8.530	ng	# 86
69) Atrazine	16.961	200	23801	9.102	ng	99
70) Pentachlorophenol	17.161	266	24517	12.106	ng	91
71) Phenanthrene	17.560	178	119429	8.863	ng	97
72) Anthracene	17.648	178	122545	9.199	ng	97
73) Carbazole	17.907	167	113308	8.588	ng	98
74) Di-n-butylphthalate	18.477	149	125659	8.718	ng	99
75) Fluoranthene	19.564	202	160238	9.367	ng	99
77) Benzidine	19.734	184	81275	11.011	ng	98
78) Pyrene	19.922	202	166851	8.405	ng	98
80) Butylbenzylphthalate	20.809	149	54750	7.775	ng	99
81) Benzo(a)anthracene	21.784	228	170222	8.882	ng	99
82) 3,3'-Dichlorobenzidine	21.690	252	59194	8.747	ng	98
83) Chrysene	21.849	228	158326	8.788	ng	98
84) Bis(2-ethylhexyl)phtha...	21.696	149	78779	8.226	ng	97
85) Di-n-octyl phthalate	22.953	149	127287	7.984	ng	96
87) Indeno(1,2,3-cd)pyrene	28.916	276	169967	8.646	ng	# 90
88) Benzo(b)fluoranthene	24.063	252	163092	9.146	ng	99
89) Benzo(k)fluoranthene	24.140	252	163726m	9.332	ng	
90) Benzo(a)pyrene	24.968	252	155787	10.321	ng	98
91) Dibenzo(a,h)anthracene	28.992	278	151723	9.367	ng	99
92) Benzo(g,h,i)perylene	30.102	276	146125	9.118	ng	# 95

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

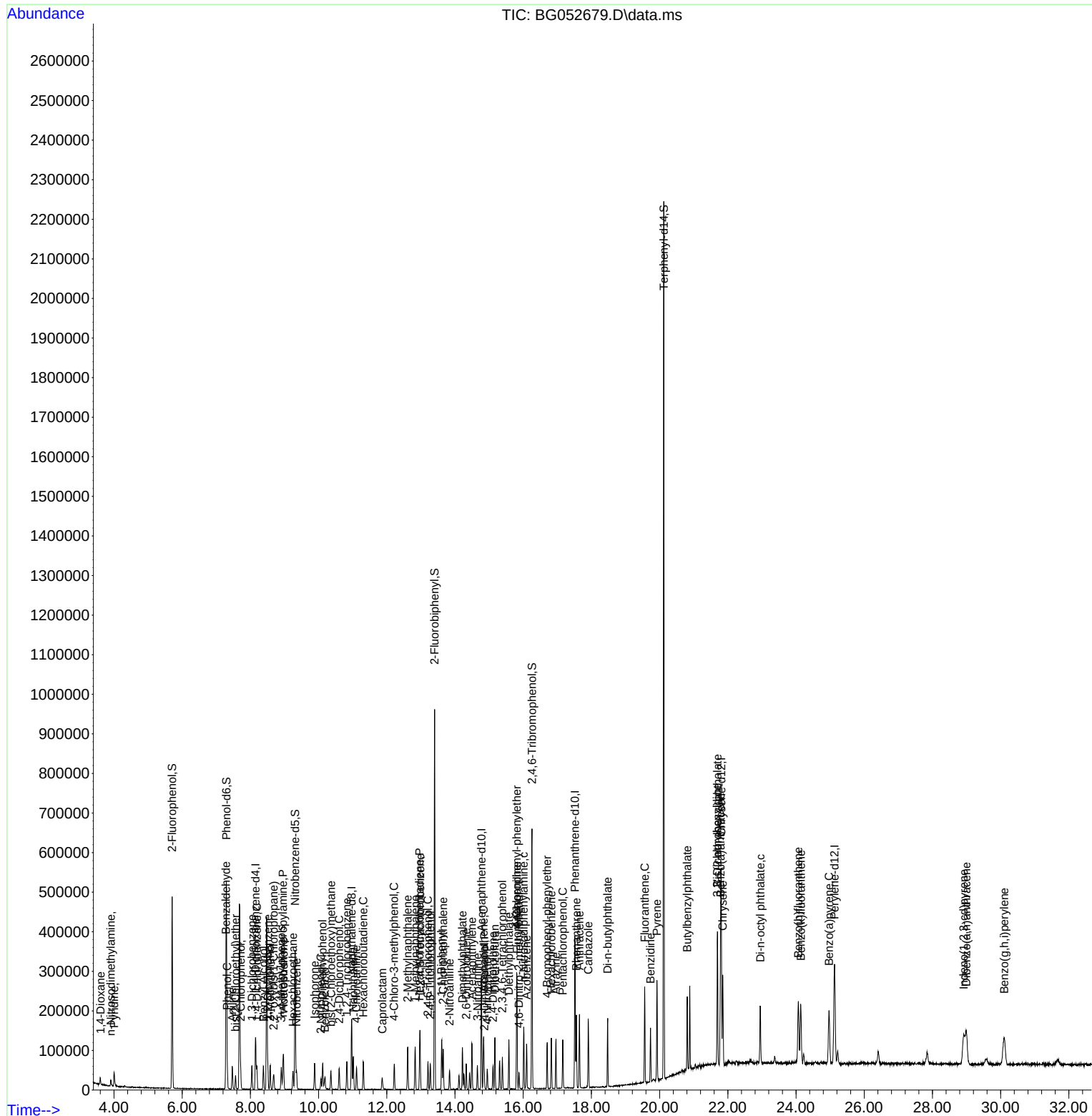
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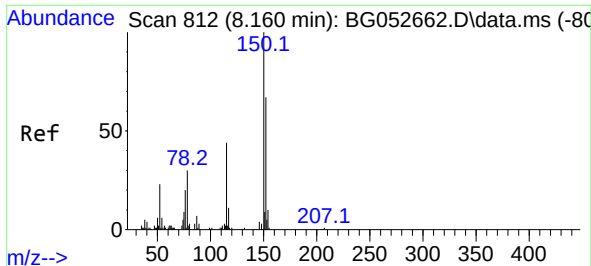
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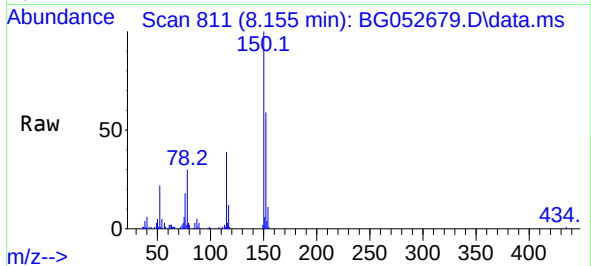
Reviewed By :Christian Giraldo 03/17/2022
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.155 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54

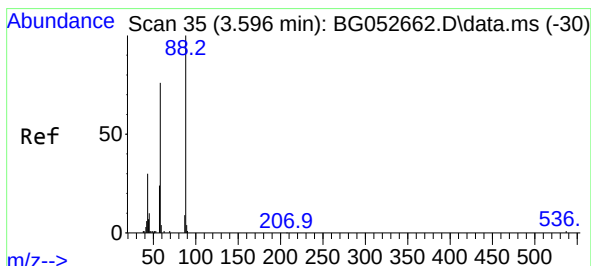
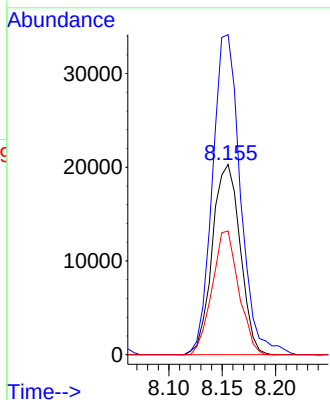
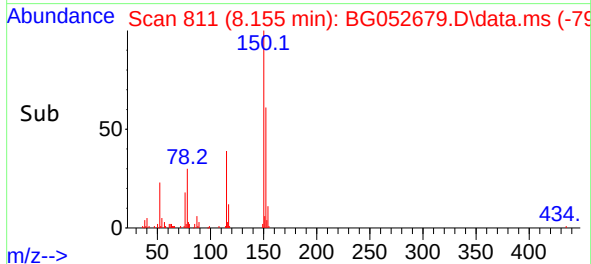
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2022



Tgt Ion:152 Resp: 3680
Ion Ratio Lower Upper
152 100
150 168.2 114.6 172.0
115 65.0 45.9 68.9

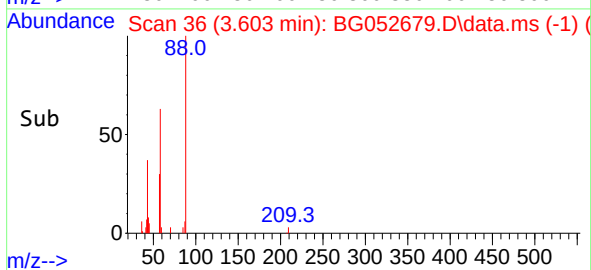
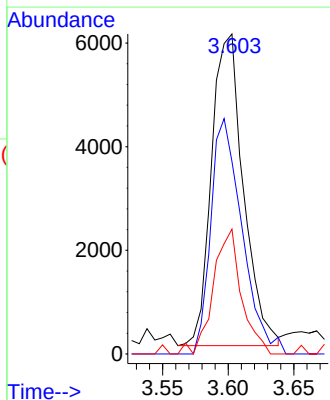
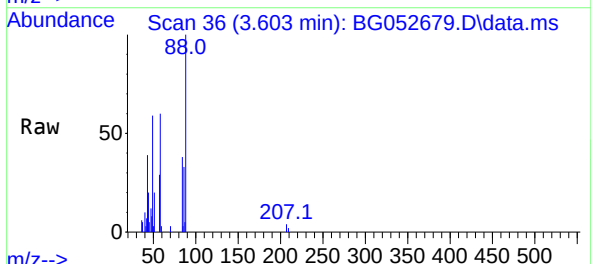
Manual Integrations
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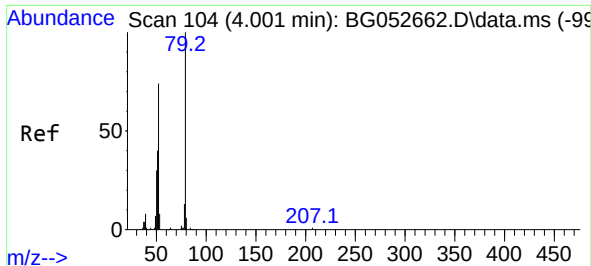
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#2
1,4-Dioxane
Concen: 9.606 ng
RT: 3.603 min Scan# 36
Delta R.T. 0.007 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54

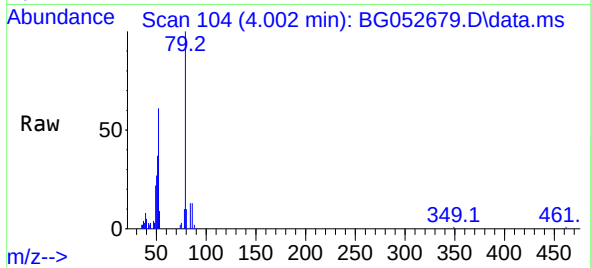
Tgt Ion: 88 Resp: 10155
Ion Ratio Lower Upper
88 100
58 74.0 58.2 87.2
43 35.3 23.4 35.0#





#3
Pyridine
Concen: 8.665 ng
RT: 4.002 min Scan# 104
Delta R.T. 0.001 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54

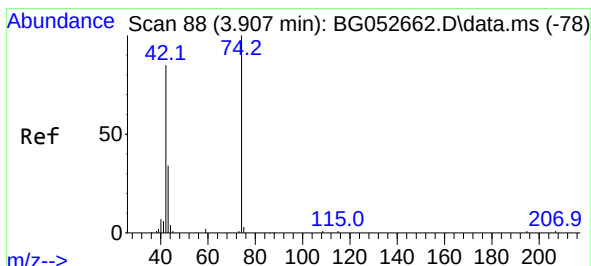
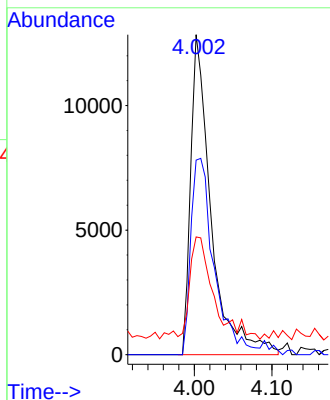
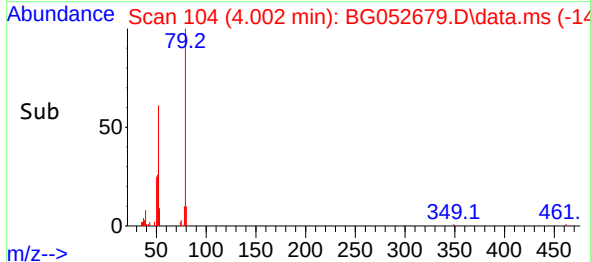
Instrument :
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ClientSampleId :
LOQ-WATER-02-QT1-2022



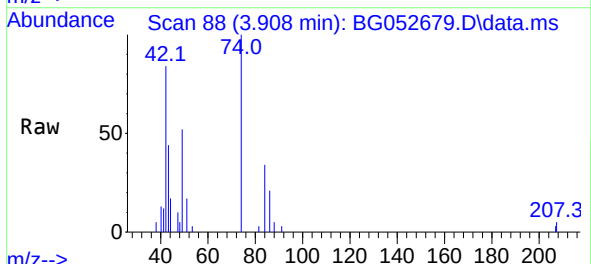
Tgt Ion: 79 Resp: 2348
Ion Ratio Lower Upper
79 100
52 60.8 50.9 76.3
51 36.8 24.4 36.6

Manual Integrations
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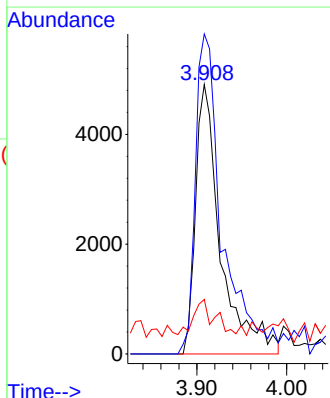
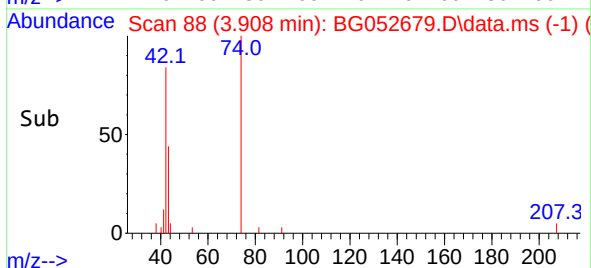
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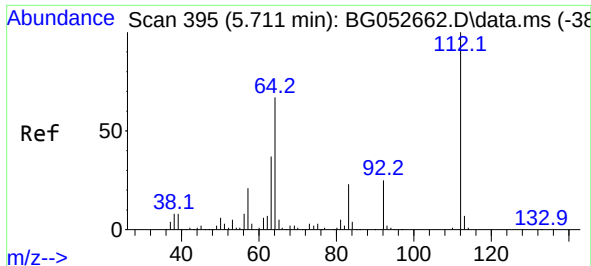


#4
n-Nitrosodimethylamine
Concen: 7.889 ng
RT: 3.908 min Scan# 88
Delta R.T. 0.001 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54



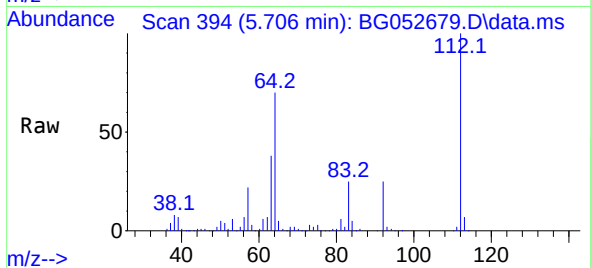
Tgt Ion: 42 Resp: 9484
Ion Ratio Lower Upper
42 100
74 118.8 108.9 163.3
44 20.2 5.7 8.5





#5
2-Fluorophenol
Concen: 96.140 ng
RT: 5.706 min Scan# 394
Delta R.T. -0.005 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54

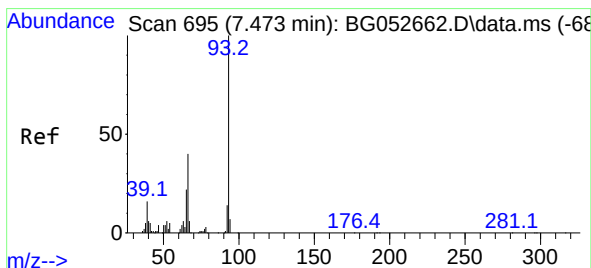
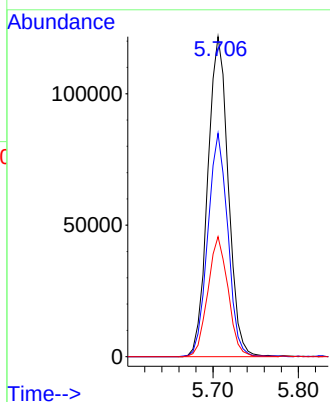
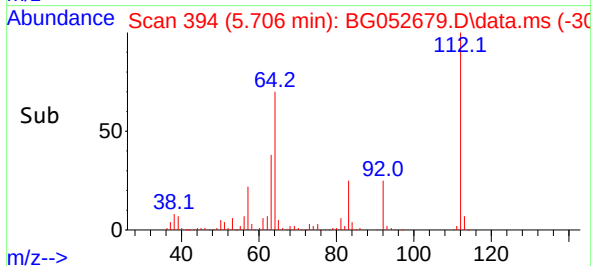
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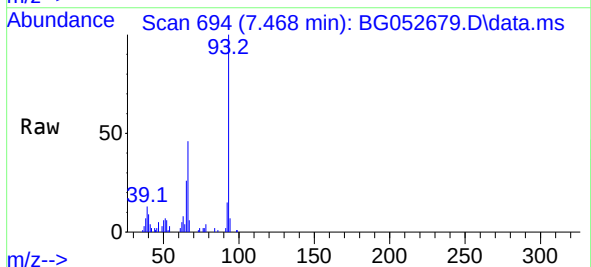
Tgt Ion:112 Resp: 20318
Ion Ratio Lower Upper
112 100
64 69.8 48.0 72.0
63 37.5 26.5 39.7

Manual Integrations
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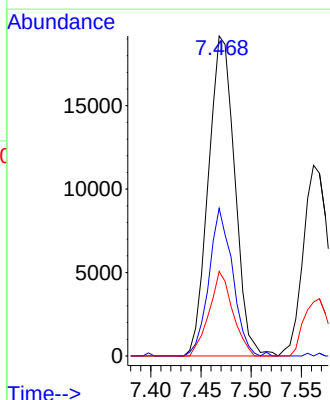
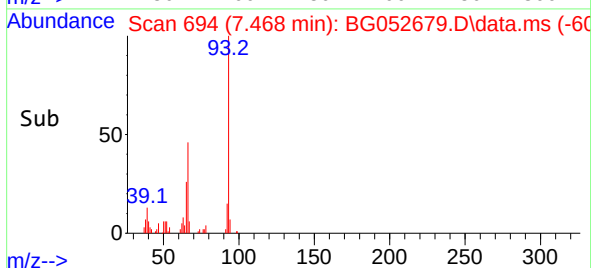
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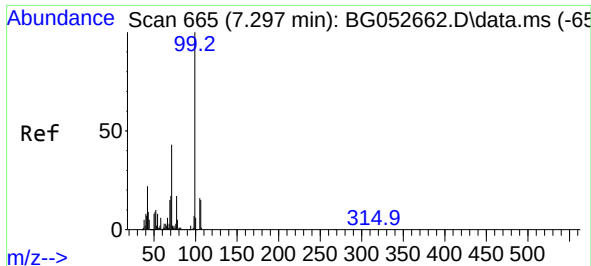


#6
Aniline
Concen: 9.393 ng
RT: 7.468 min Scan# 694
Delta R.T. -0.005 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54



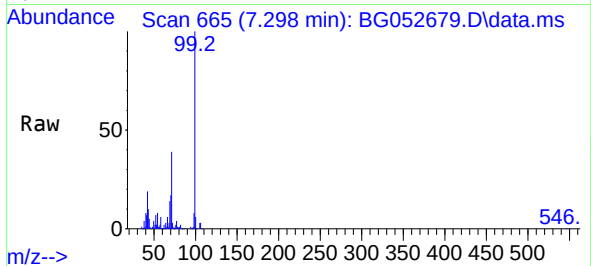
Tgt Ion: 93 Resp: 35090
Ion Ratio Lower Upper
93 100
66 46.1 31.3 46.9
65 26.4 16.7 25.1#





#7
Phenol-d6
Concen: 91.556 ng
RT: 7.298 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54

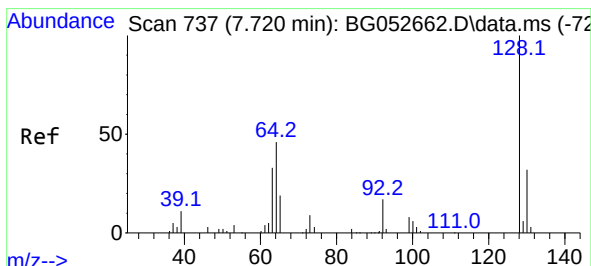
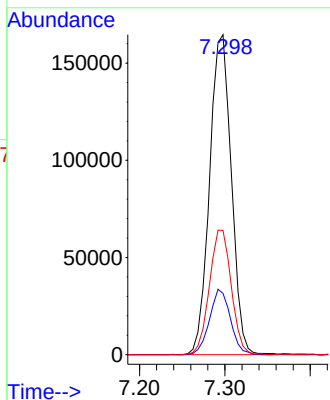
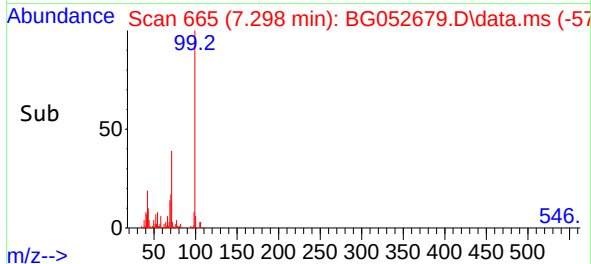
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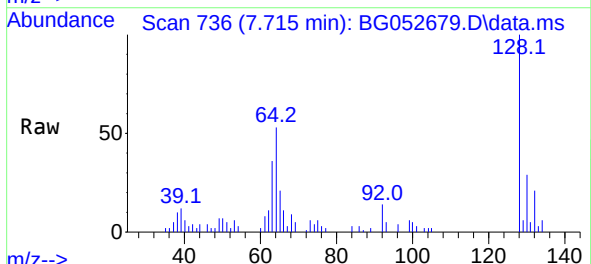
Tgt Ion: 99 Resp: 291712
Ion Ratio Lower Upper
99 100
42 19.2 14.7 22.1
71 38.9 29.2 43.8

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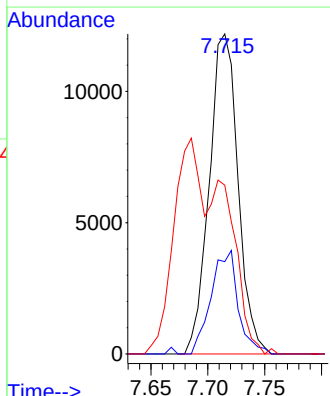
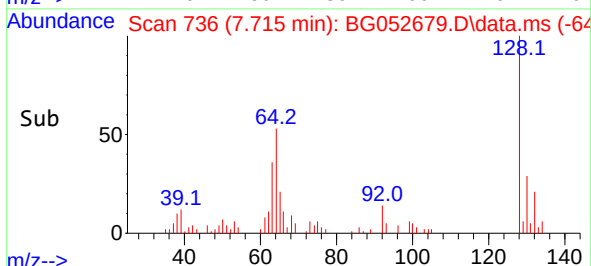
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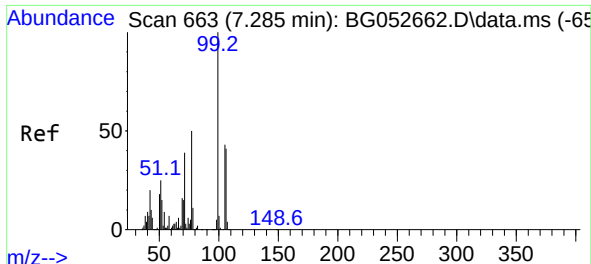


#8
2-Chlorophenol
Concen: 9.657 ng
RT: 7.715 min Scan# 736
Delta R.T. -0.005 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54



Tgt Ion:128 Resp: 21445
Ion Ratio Lower Upper
128 100
130 28.9 13.4 53.4
64 52.7 30.9 70.9





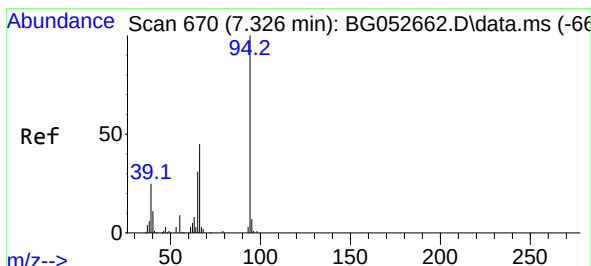
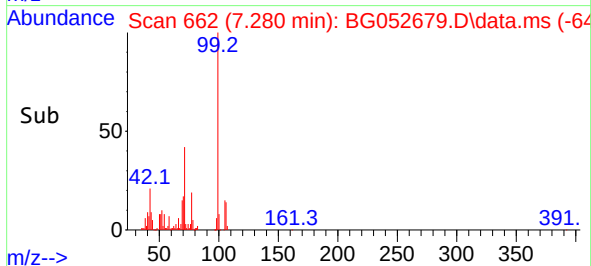
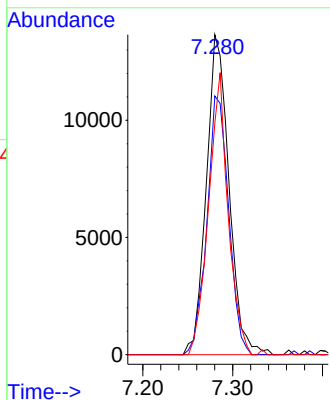
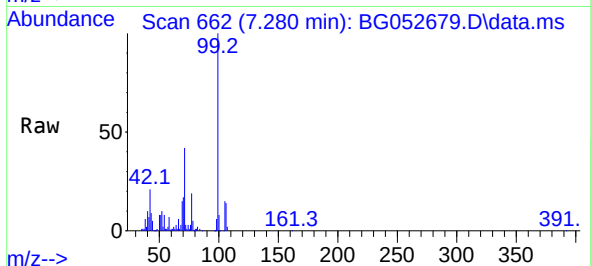
#9
Benzaldehyde
Concen: 12.217 ng
RT: 7.280 min Scan# 663
Delta R.T. -0.005 min
Lab File: BG052679.D
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BNA_G
ClientSampleId :
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Tgt Ion: 77 Resp: 23908
Ion Ratio Lower Upper
77 100
105 80.8 70.6 110.6
106 72.4 67.6 107.6

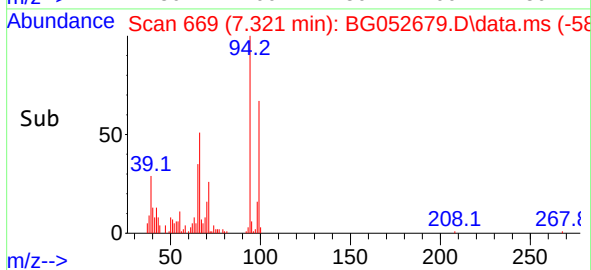
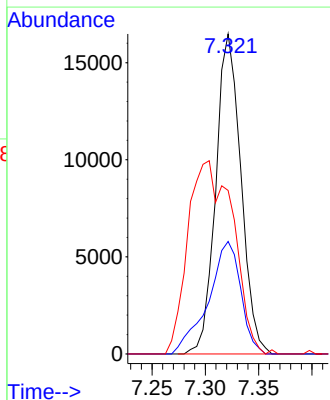
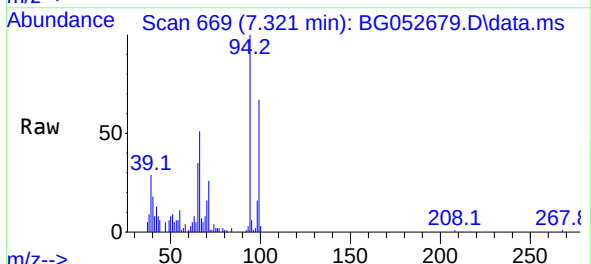
Manual Integrations
APPROVED

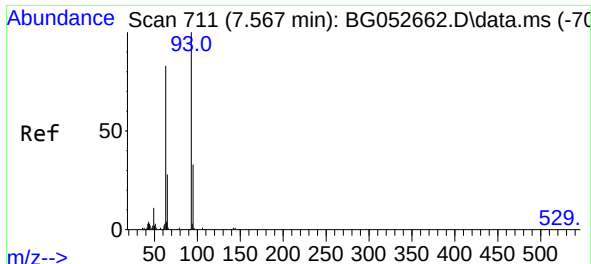
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#10
Phenol
Concen: 8.581 ng
RT: 7.321 min Scan# 669
Delta R.T. -0.005 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54

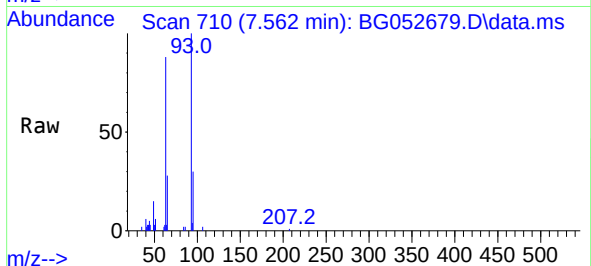
Tgt Ion: 94 Resp: 26990
Ion Ratio Lower Upper
94 100
65 35.2 11.1 51.1
66 51.1 20.0 60.0





#11
bis(2-Chloroethyl)ether
Concen: 8.612 ng
RT: 7.562 min Scan# 711
Delta R.T. -0.005 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54

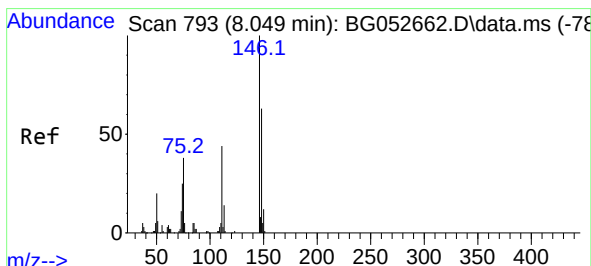
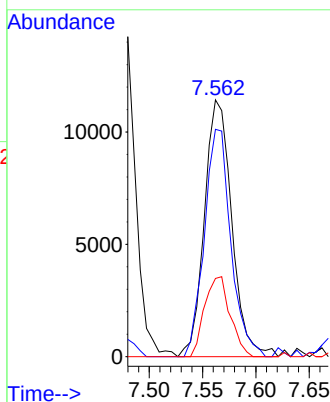
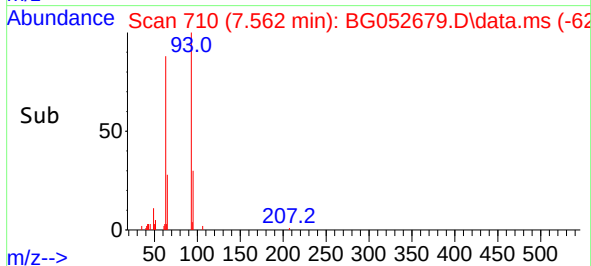
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2022



Tgt Ion: 93 Resp: 20454
Ion Ratio Lower Upper
93 100
63 88.5 56.9 96.9
95 30.5 14.5 54.5

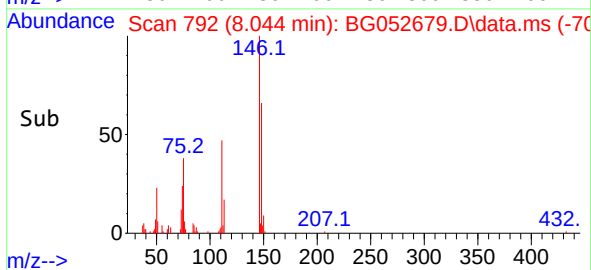
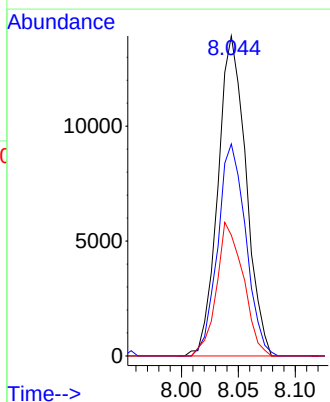
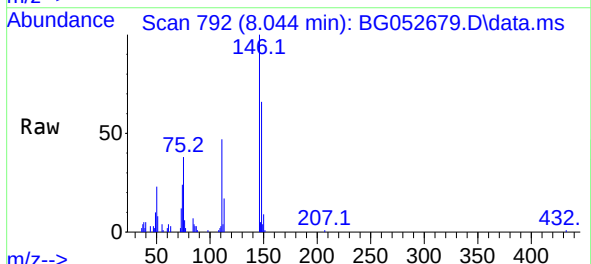
Manual Integrations
APPROVED

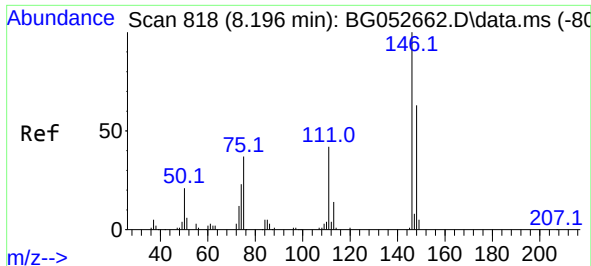
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#12
1,3-Dichlorobenzene
Concen: 8.940 ng
RT: 8.044 min Scan# 792
Delta R.T. -0.005 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54

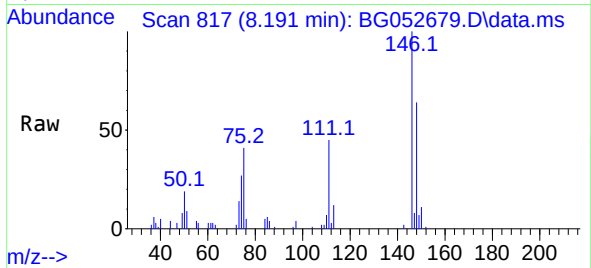
Tgt Ion:146 Resp: 23903
Ion Ratio Lower Upper
146 100
148 66.3 50.6 76.0
75 37.8 25.9 38.9





#13
1,4-Dichlorobenzene
Concen: 8.816 ng
RT: 8.191 min Scan# 818
Delta R.T. -0.005 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54

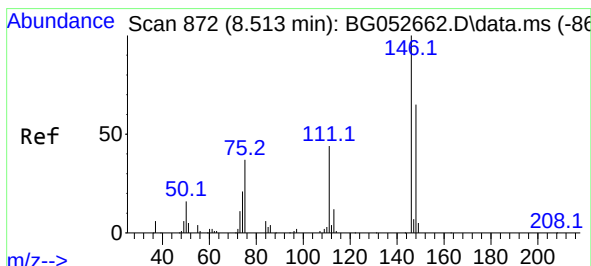
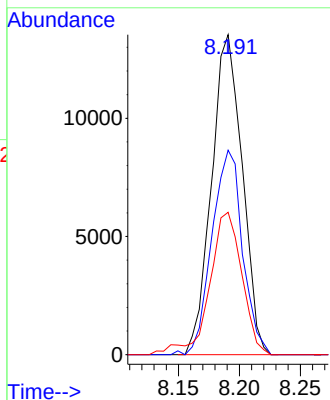
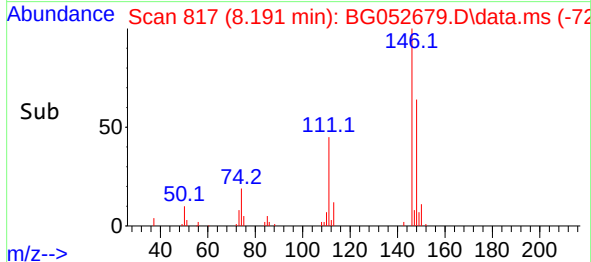
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2022



Tgt Ion:146 Resp: 23684
Ion Ratio Lower Upper
146 100
148 63.9 50.0 75.0
111 44.5 31.0 46.4

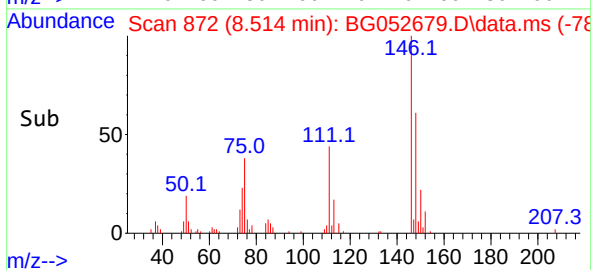
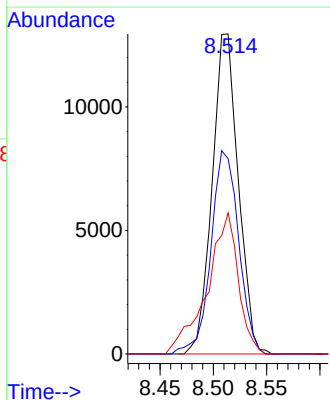
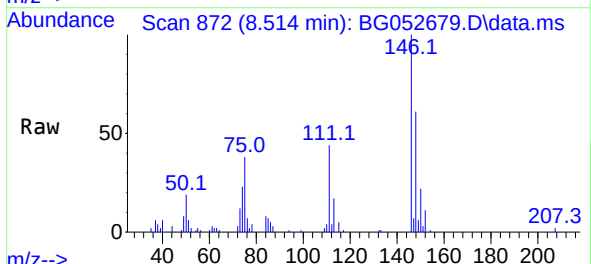
Manual Integrations
APPROVED

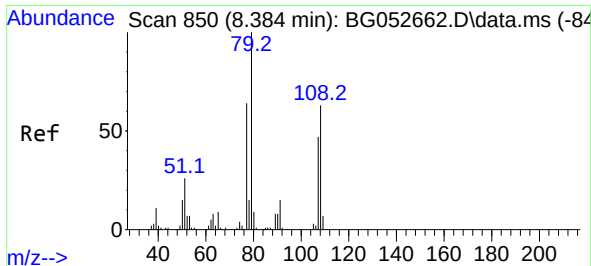
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#14
1,2-Dichlorobenzene
Concen: 8.686 ng
RT: 8.514 min Scan# 872
Delta R.T. 0.001 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54

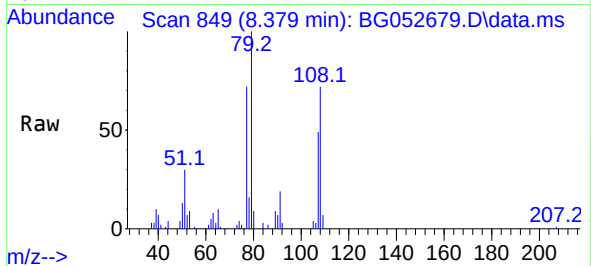
Tgt Ion:146 Resp: 22068
Ion Ratio Lower Upper
146 100
148 61.0 51.0 76.6
111 44.0 34.7 52.1





#15
Benzyl Alcohol
Concen: 8.000 ng
RT: 8.379 min Scan# 849
Delta R.T. -0.005 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54

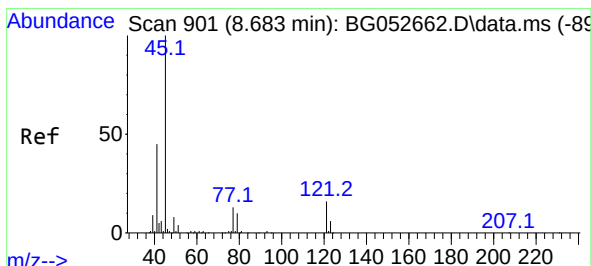
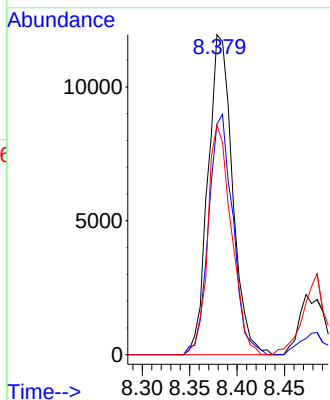
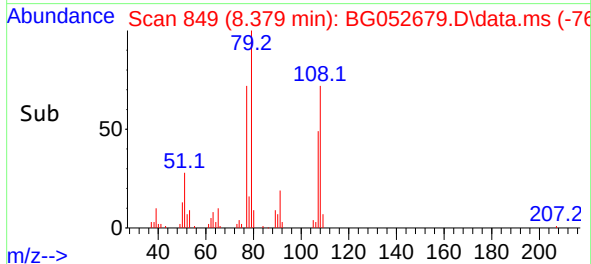
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2022



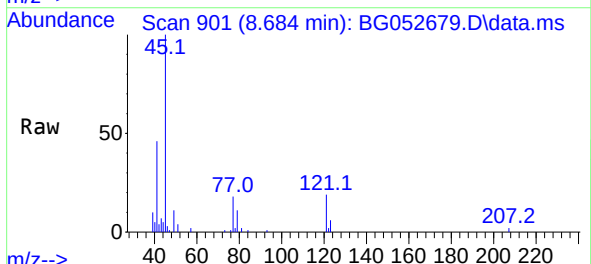
Tgt Ion: 79 Resp: 2146
Ion Ratio Lower Upper
79 100
108 72.1 55.1 82.7
77 71.7 52.4 78.6

Manual Integrations
APPROVED

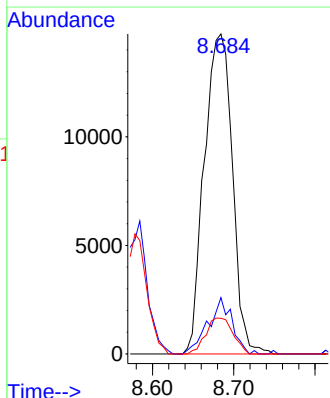
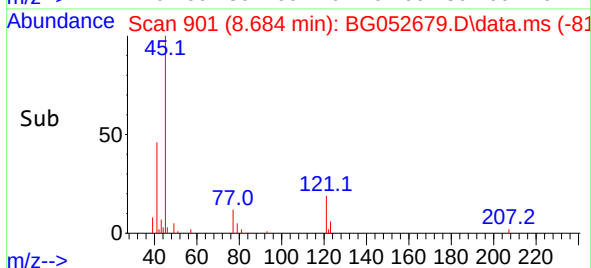
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

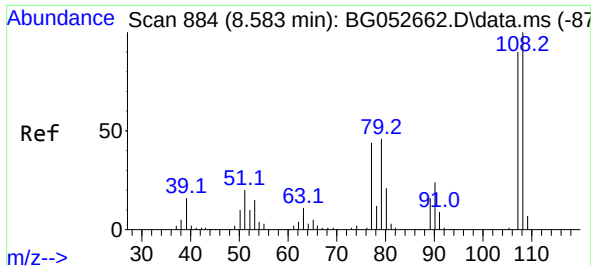


#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.581 ng
RT: 8.684 min Scan# 901
Delta R.T. 0.001 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54



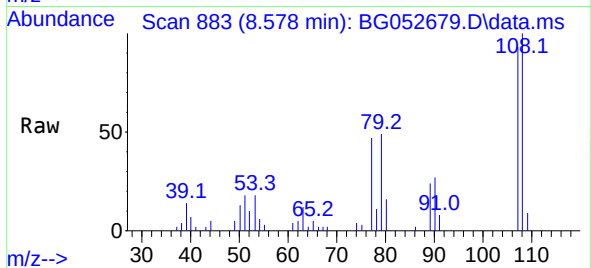
Tgt Ion: 45 Resp: 35492
Ion Ratio Lower Upper
45 100
77 17.6 0.0 34.9
79 11.2 0.0 30.7





#17
2-Methylphenol
Concen: 8.509 ng
RT: 8.578 min Scan# 884
Delta R.T. -0.005 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2022

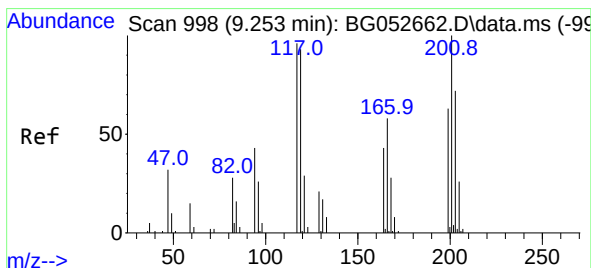
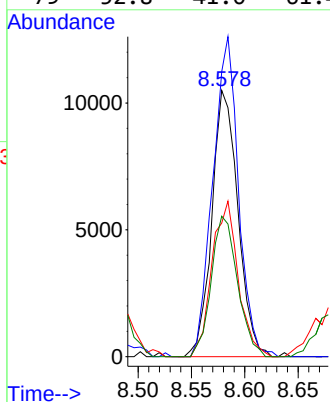


Tgt Ion:107 Resp: 1784

Ion	Ratio	Lower	Upper
107	100		
108	107.0	91.5	137.3
77	50.2	42.5	63.7
79	52.8	41.0	61.4

Manual Integrations
APPROVED

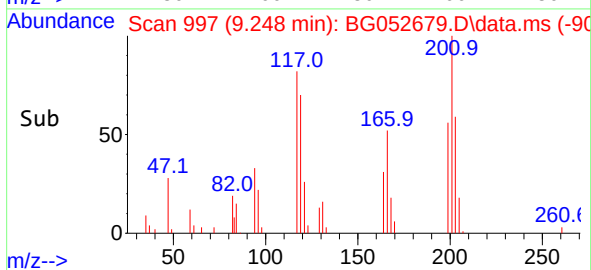
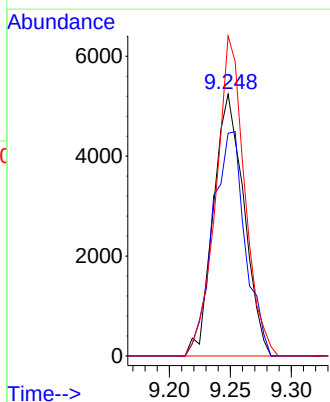
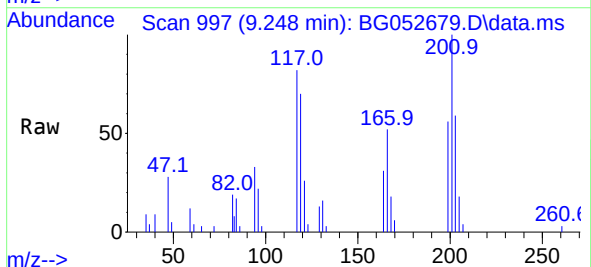
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

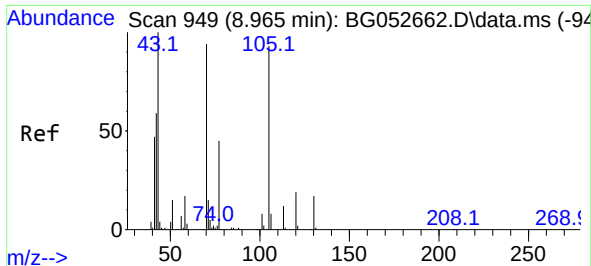


#18
Hexachloroethane
Concen: 9.264 ng
RT: 9.248 min Scan# 997
Delta R.T. -0.005 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54

Tgt Ion:117 Resp: 9131

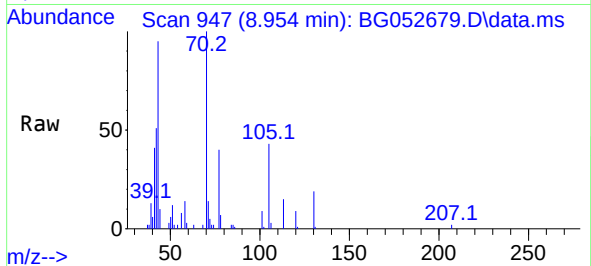
Ion	Ratio	Lower	Upper
117	100		
119	85.1	75.1	112.7
201	122.2	96.6	145.0





#19
n-Nitroso-di-n-propylamine
Concen: 8.936 ng
RT: 8.954 min Scan# 949
Delta R.T. -0.011 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54

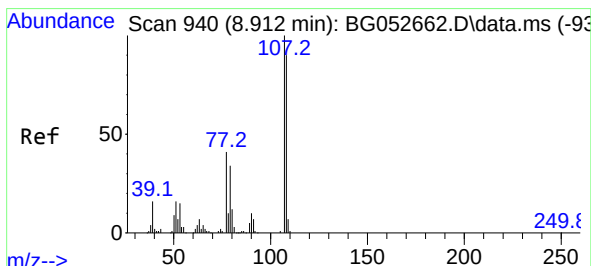
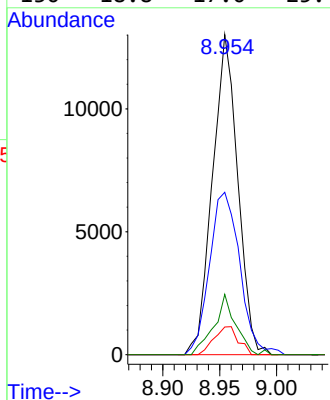
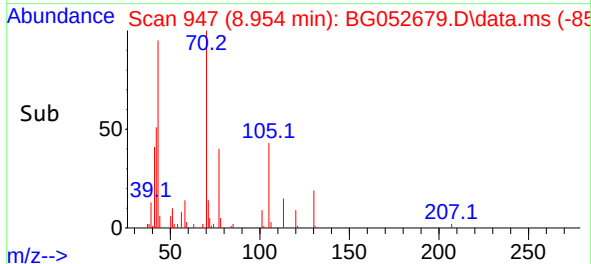
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2022



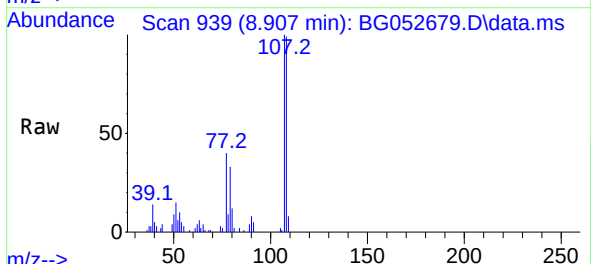
Tgt Ion: 70 Resp: 20160
Ion Ratio Lower Upper
70 100
42 50.7 46.0 69.0
101 8.7 6.2 9.4
130 18.8 17.0 25.4

Manual Integrations
APPROVED

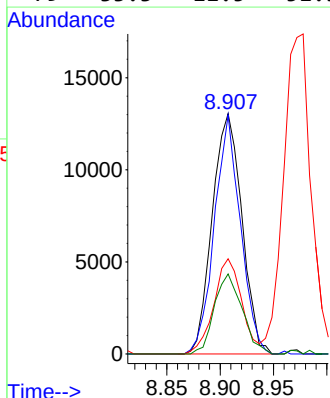
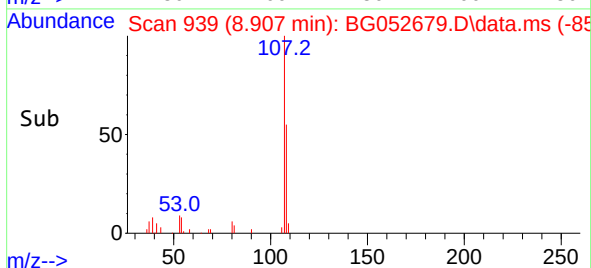
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

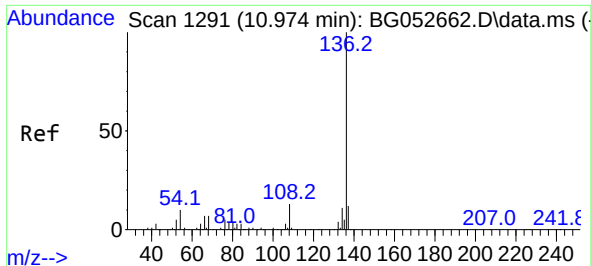


#20
3+4-Methylphenols
Concen: 8.578 ng
RT: 8.907 min Scan# 939
Delta R.T. -0.005 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54



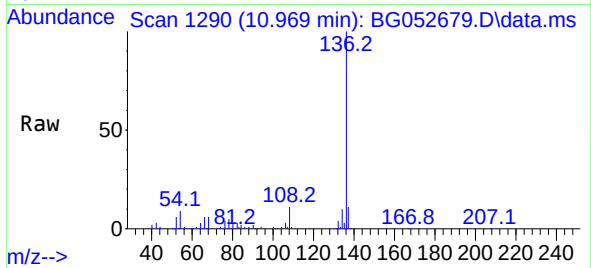
Tgt Ion:107 Resp: 25170
Ion Ratio Lower Upper
107 100
108 99.4 64.8 104.8
77 39.6 15.9 55.9
79 33.3 11.5 51.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.969 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54

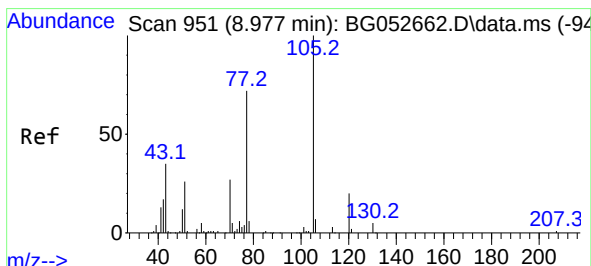
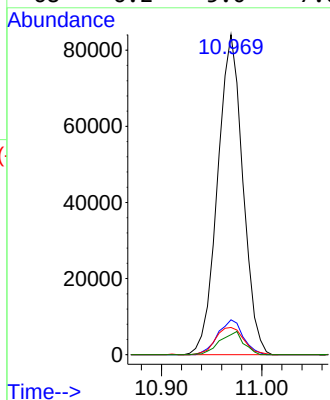
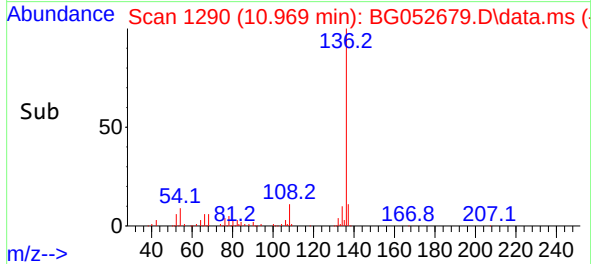
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2022



Tgt Ion:136 Resp: 14644
Ion Ratio Lower Upper
136 100
137 10.9 9.4 14.2
54 8.5 6.4 9.6
68 6.2 5.0 7.6

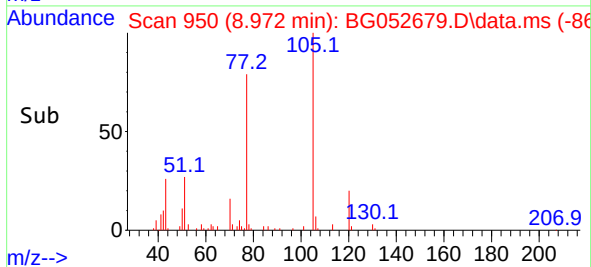
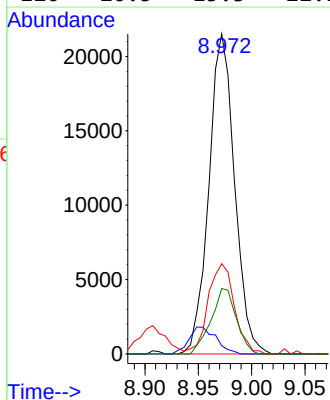
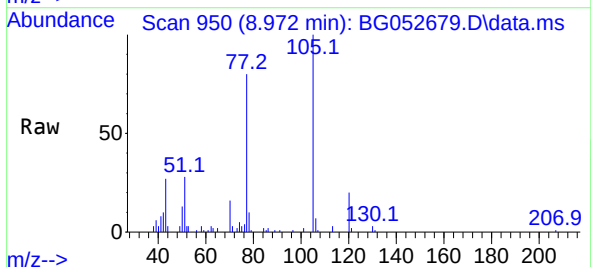
Manual Integrations
APPROVED

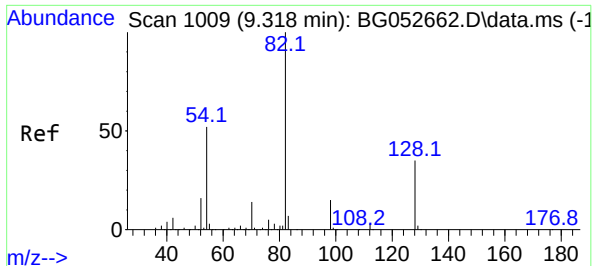
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#22
Acetophenone
Concen: 9.533 ng
RT: 8.972 min Scan# 950
Delta R.T. -0.005 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54

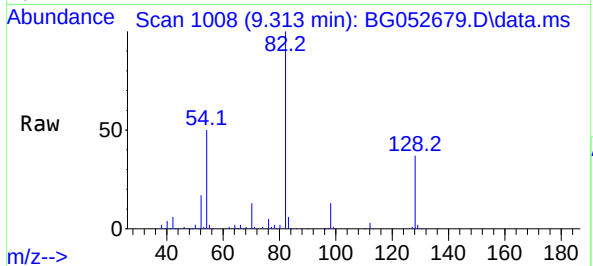
Tgt Ion:105 Resp: 36127
Ion Ratio Lower Upper
105 100
71 2.6 2.1 3.1
51 28.2 21.9 32.9
120 20.5 15.3 22.9





#23
Nitrobenzene-d5
Concen: 75.175 ng
RT: 9.313 min Scan# 1008
Delta R.T. -0.005 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54

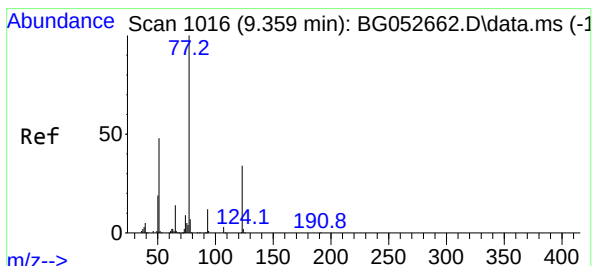
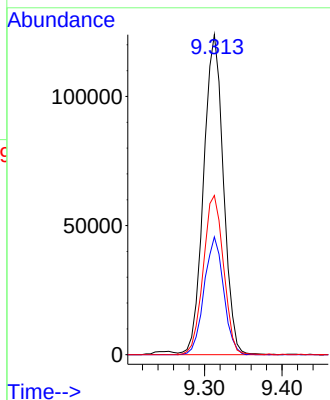
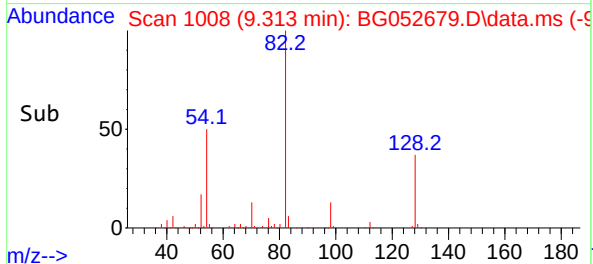
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2022



Tgt Ion: 82 Resp: 219338
Ion Ratio Lower Upper
82 100
128 36.8 31.3 46.9
54 49.8 37.8 56.8

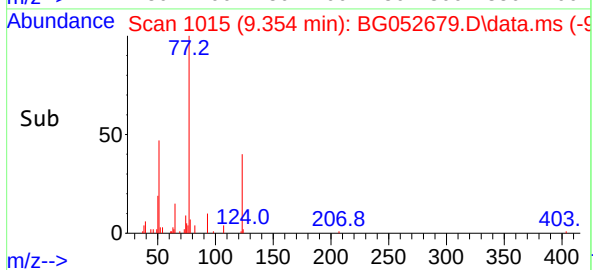
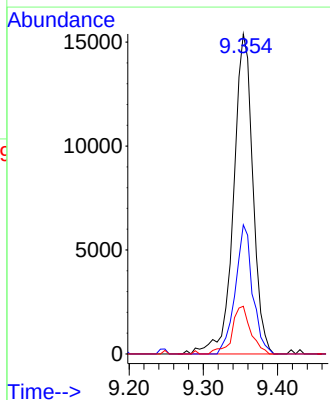
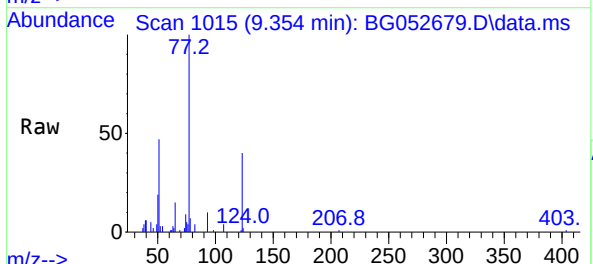
Manual Integrations
APPROVED

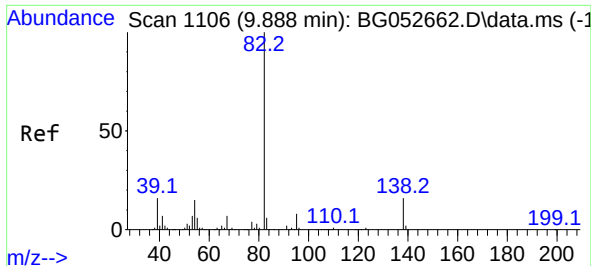
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#24
Nitrobenzene
Concen: 9.511 ng
RT: 9.354 min Scan# 1015
Delta R.T. -0.005 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54

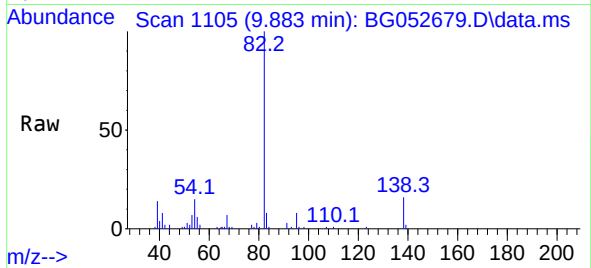
Tgt Ion: 77 Resp: 27765
Ion Ratio Lower Upper
77 100
123 40.4 34.4 51.6
65 14.9 11.2 16.8





#25
Isophorone
Concen: 9.055 ng
RT: 9.883 min Scan# 1106
Delta R.T. -0.005 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54

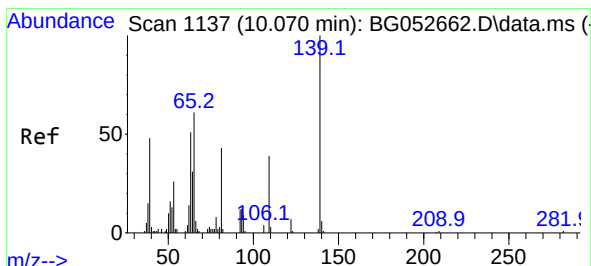
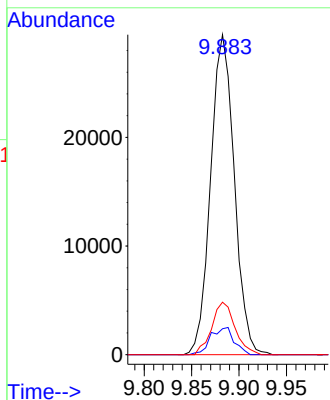
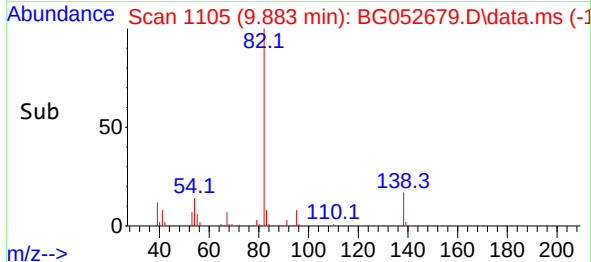
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2022



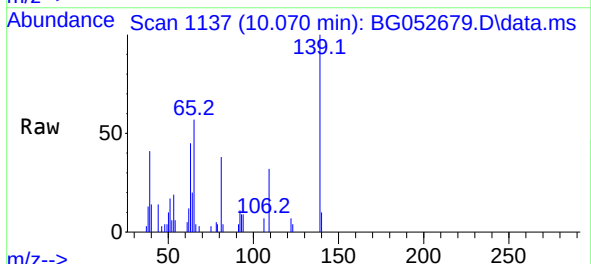
Tgt Ion: 82 Resp: 51158
Ion Ratio Lower Upper
82 100
95 8.1 5.8 8.6
138 16.4 12.6 18.8

Manual Integrations
APPROVED

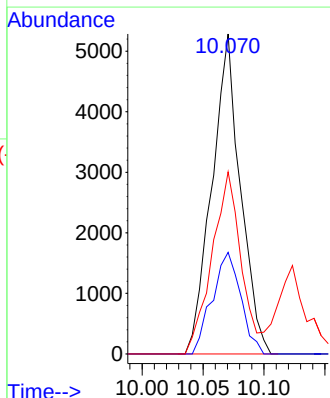
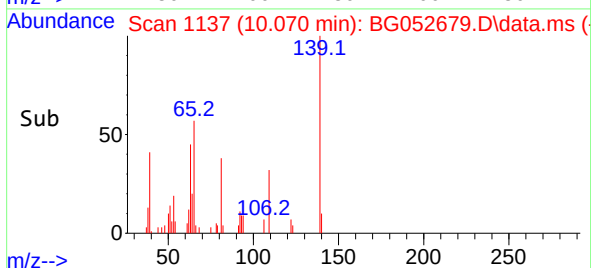
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

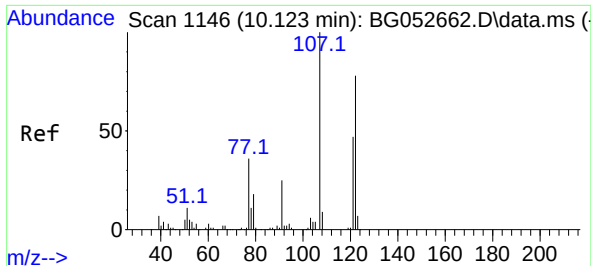


#26
2-Nitrophenol
Concen: 8.490 ng
RT: 10.070 min Scan# 1137
Delta R.T. 0.001 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54



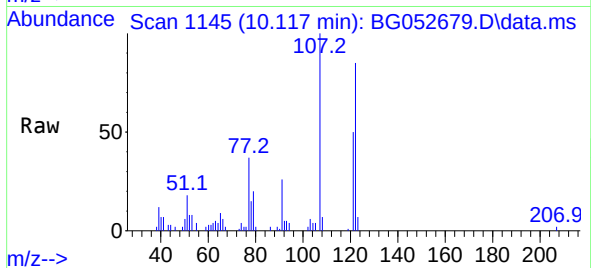
Tgt Ion:139 Resp: 8607
Ion Ratio Lower Upper
139 100
109 31.8 29.4 44.0
65 56.9 48.2 72.2





#27
2,4-Dimethylphenol
Concen: 10.020 ng
RT: 10.117 min Scan# 1145
Delta R.T. -0.005 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54

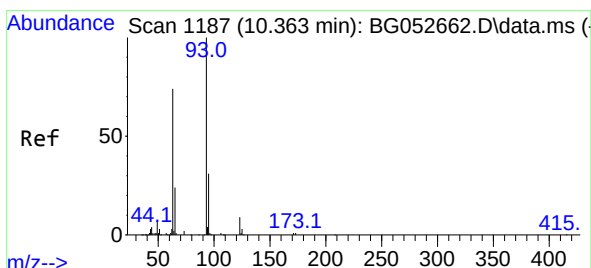
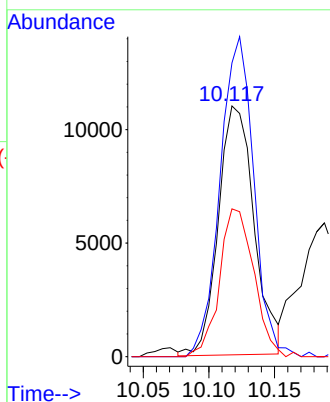
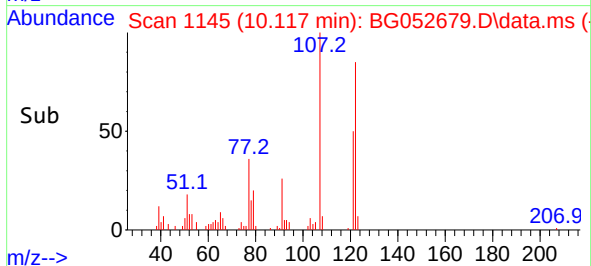
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2022



Tgt Ion:122 Resp: 2078
Ion Ratio Lower Upper
122 100
107 117.2 96.7 145.1
121 59.0 46.3 69.5

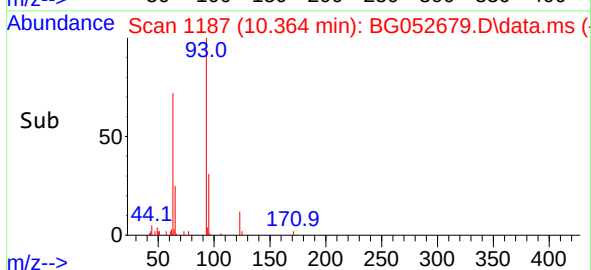
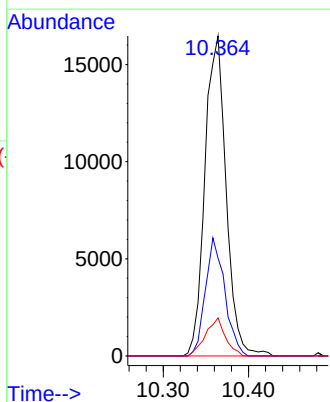
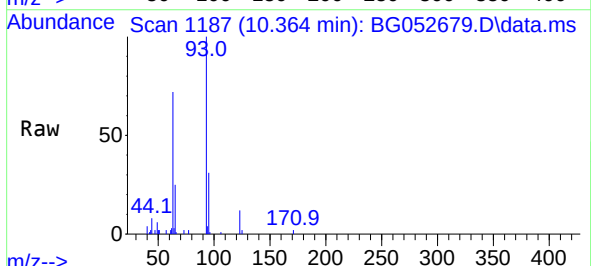
Manual Integrations
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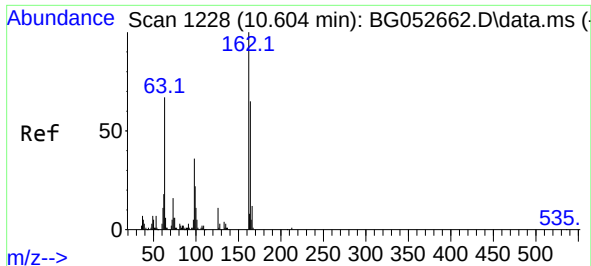
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#28
bis(2-Chloroethoxy)methane
Concen: 8.512 ng
RT: 10.364 min Scan# 1187
Delta R.T. 0.001 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54

Tgt Ion: 93 Resp: 28436
Ion Ratio Lower Upper
93 100
95 30.5 26.5 39.7
123 11.9 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 8.235 ng

RT: 10.605 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG052679.D

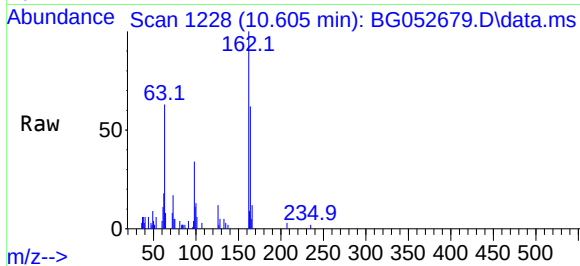
Acq: 16 Mar 2022 15:54

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2022



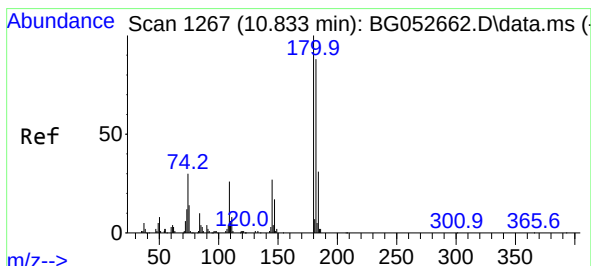
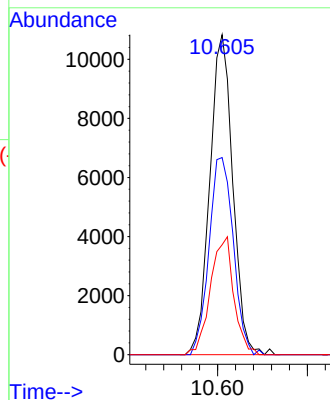
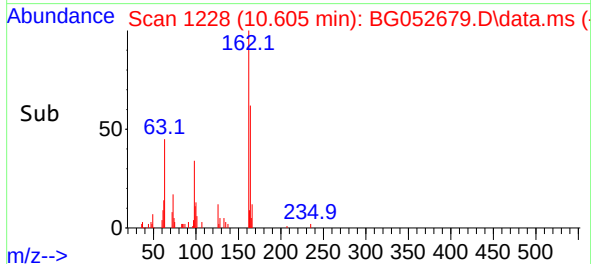
Tgt Ion:	162	Resp:	19219
Ion Ratio	Lower	Upper	
162	100		
164	61.6	44.0	84.0
98	34.4	17.3	57.3

Manual Integrations

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Reviewed By :Christian Giraldo 03/17/2022

Supervised By :Jagrut Upadhyay 03/17/2022



#30

1,2,4-Trichlorobenzene

Concen: 8.966 ng

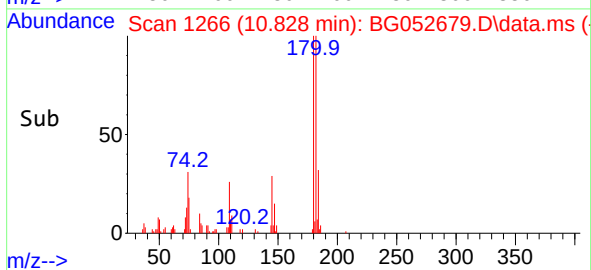
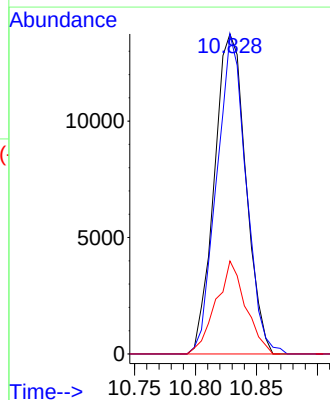
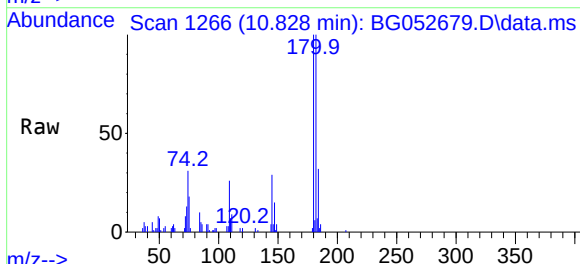
RT: 10.828 min Scan# 1266

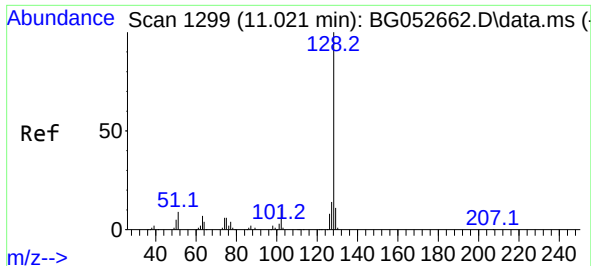
Delta R.T. -0.005 min

Lab File: BG052679.D

Acq: 16 Mar 2022 15:54

Tgt Ion:	180	Resp:	24685
Ion Ratio	Lower	Upper	
180	100		
182	99.9	77.8	116.6
145	29.0	24.4	36.6





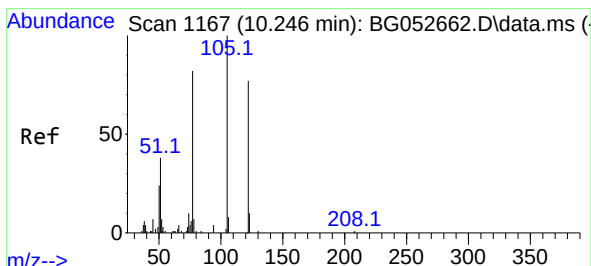
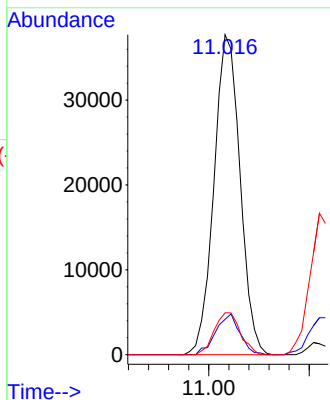
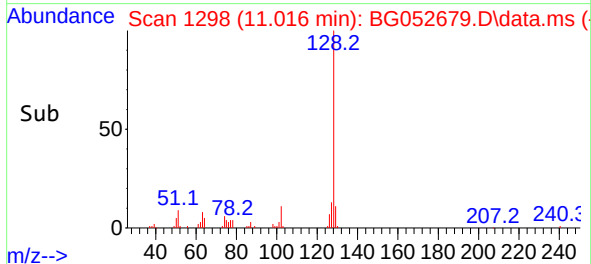
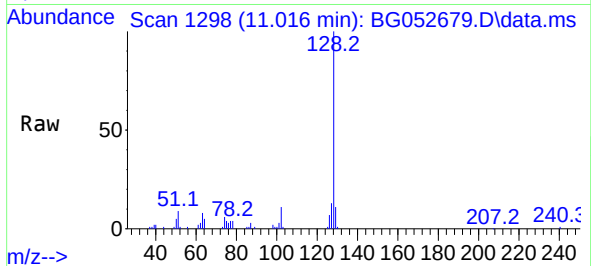
#31
Naphthalene
Concen: 8.980 ng
RT: 11.016 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2022

Tgt Ion:128 Resp: 68000
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.1 10.5 15.7

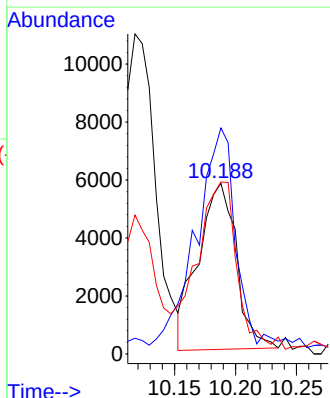
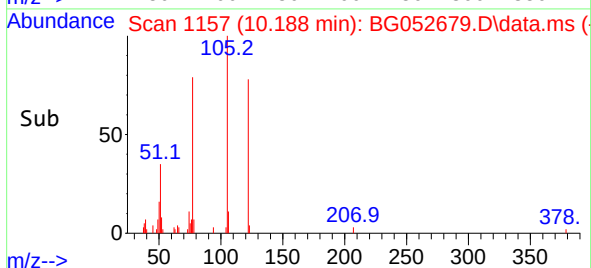
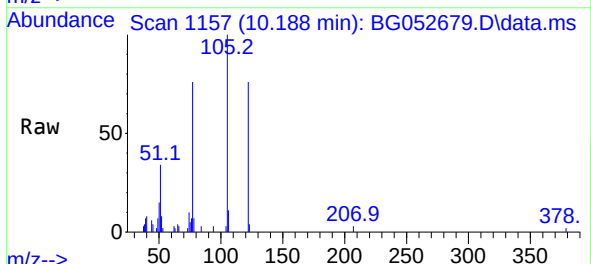
Manual Integrations
APPROVED

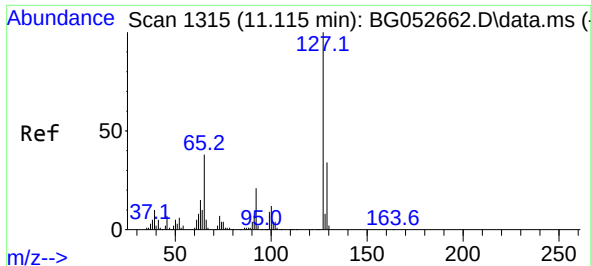
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#32
Benzoic acid
Concen: 9.002 ng
RT: 10.188 min Scan# 1157
Delta R.T. -0.058 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54

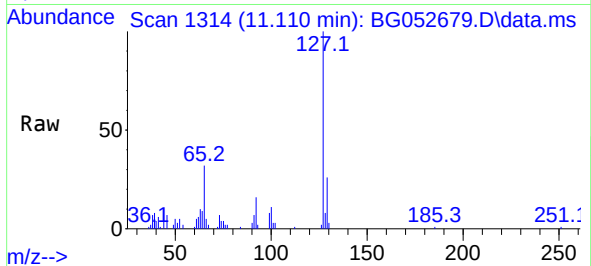
Tgt Ion:122 Resp: 12549
Ion Ratio Lower Upper
122 100
105 132.3 112.8 152.8
77 100.7 78.4 118.4





#33
4-Chloroaniline
Concen: 8.947 ng
RT: 11.110 min Scan# 1314
Delta R.T. -0.005 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54

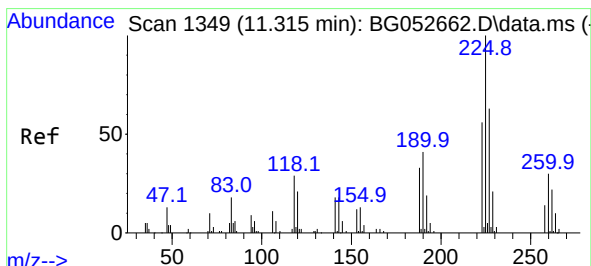
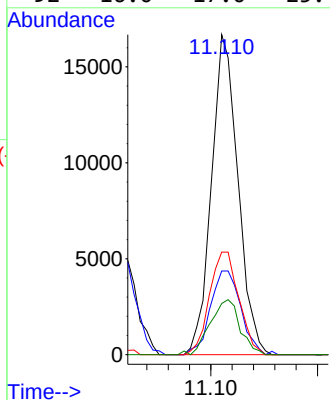
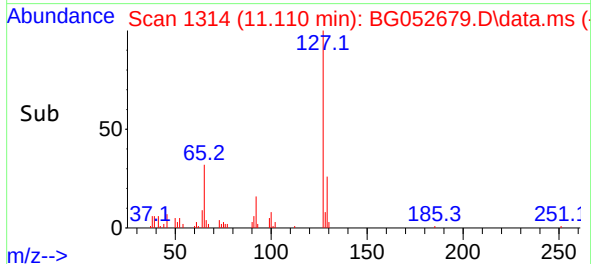
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2022



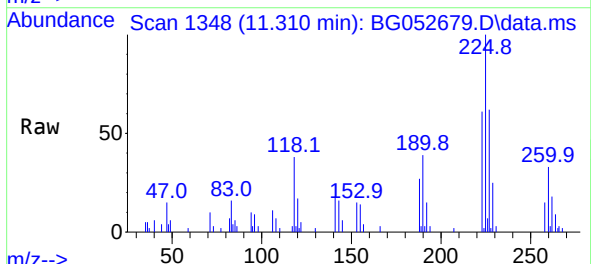
Tgt Ion:127 Resp: 28710
Ion Ratio Lower Upper
127 100
129 26.1 27.6 41.4
65 32.1 28.2 42.4
92 16.0 17.0 25.4#

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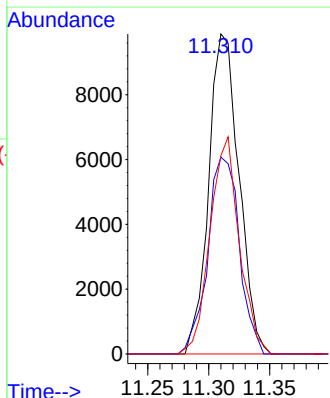
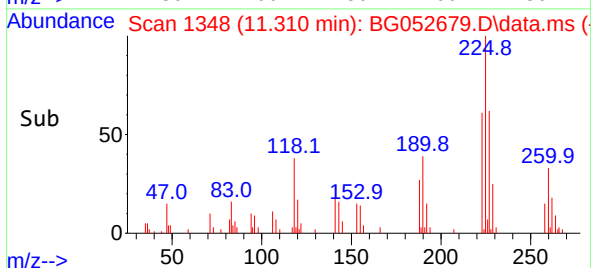
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

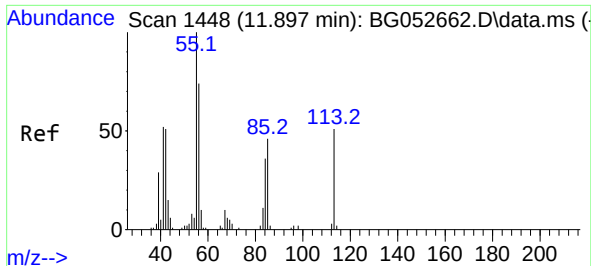


#34
Hexachlorobutadiene
Concen: 8.648 ng
RT: 11.310 min Scan# 1348
Delta R.T. -0.005 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54



Tgt Ion:225 Resp: 17071
Ion Ratio Lower Upper
225 100
223 61.5 50.2 75.2
227 62.0 52.0 78.0





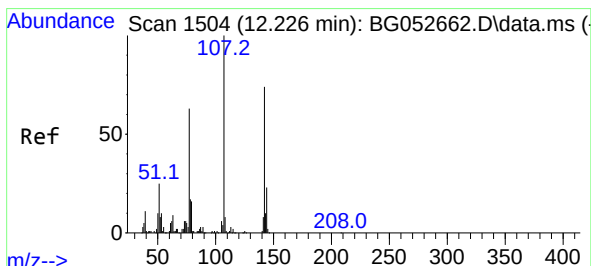
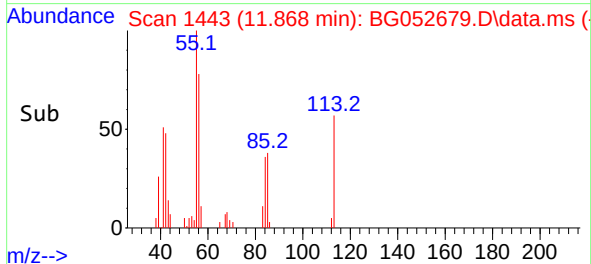
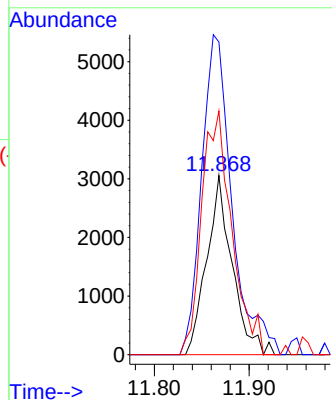
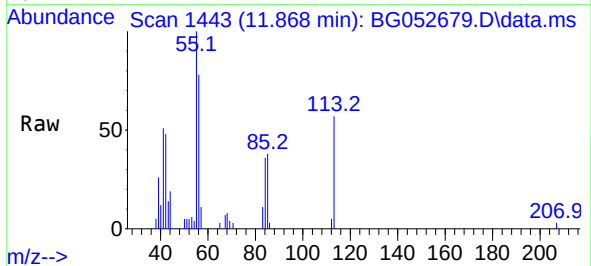
#35
Caprolactam
Concen: 8.968 ng
RT: 11.868 min Scan# 14
Delta R.T. -0.029 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2022

Tgt Ion:113 Resp: 5715
Ion Ratio Lower Upper
113 100
55 174.5 151.3 191.3
56 136.0 128.5 168.5

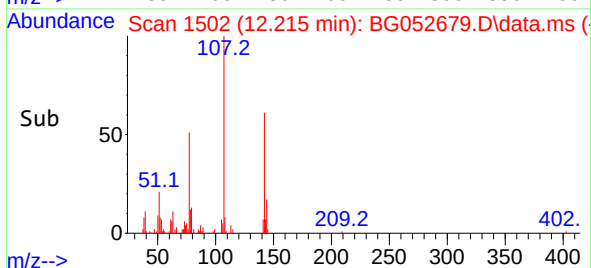
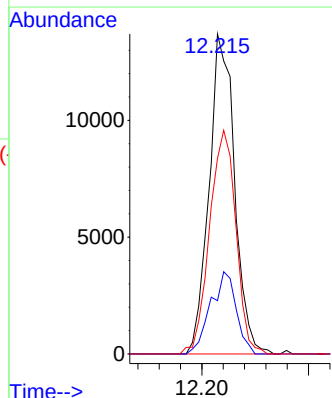
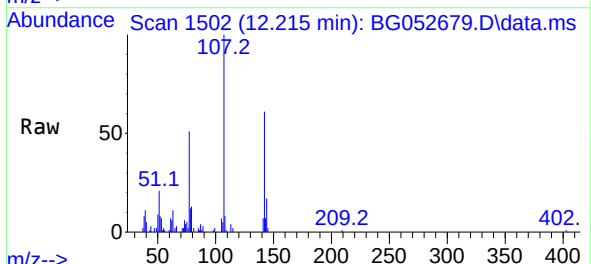
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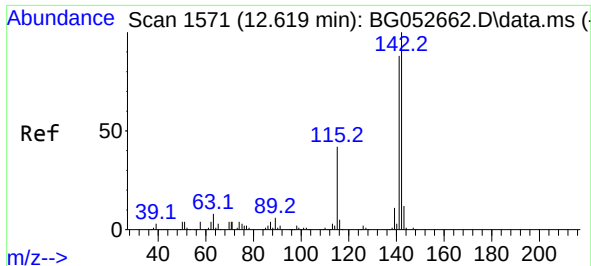
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#36
4-Chloro-3-methylphenol
Concen: 8.375 ng
RT: 12.215 min Scan# 1502
Delta R.T. -0.011 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54

Tgt Ion:107 Resp: 22697
Ion Ratio Lower Upper
107 100
144 16.7 21.4 32.0#
142 61.1 61.7 92.5#





#37

2-Methylnaphthalene

Concen: 9.091 ng

RT: 12.614 min Scan# 11

Delta R.T. -0.005 min

Lab File: BG052679.D

Acq: 16 Mar 2022 15:54

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2022

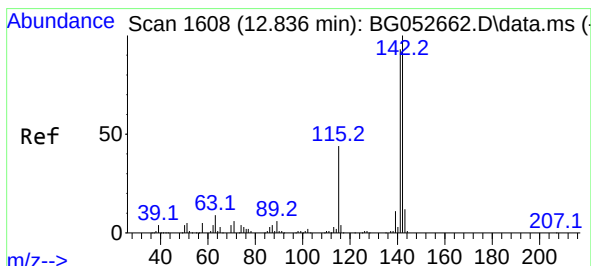
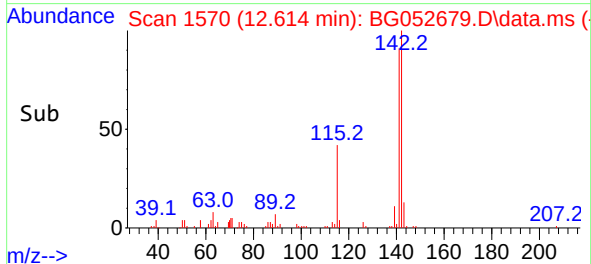
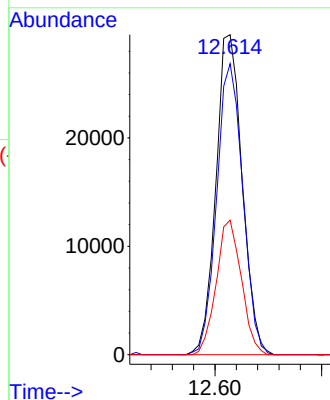
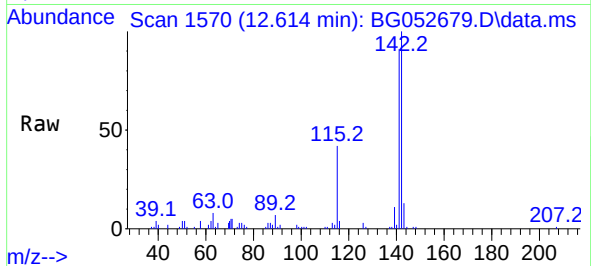
Tgt Ion:142	Resp:	50414
Ion Ratio	Lower	Upper
142	100	
141	91.0	71.3 106.9
115	42.0	29.5 44.3

Manual Integrations

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Reviewed By :Christian Giraldo 03/17/2022

Supervised By :Jagrut Upadhyay 03/17/2022



#38

1-Methylnaphthalene

Concen: 8.871 ng

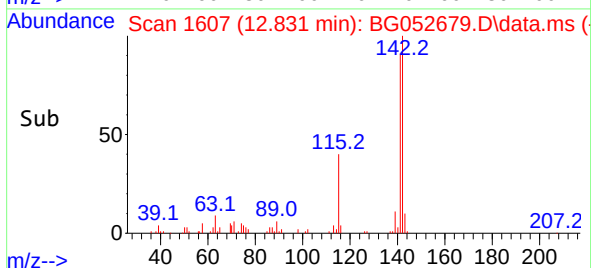
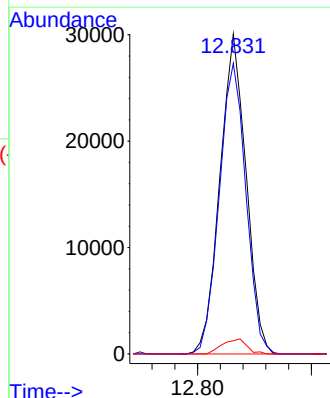
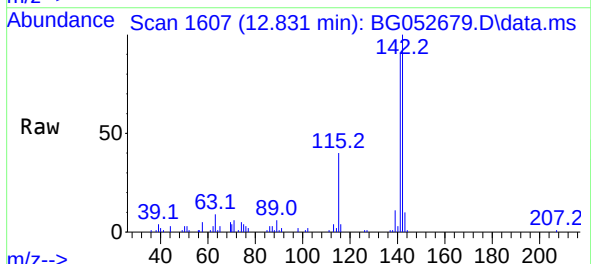
RT: 12.831 min Scan# 1607

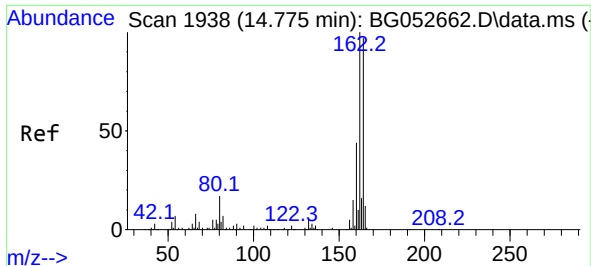
Delta R.T. -0.005 min

Lab File: BG052679.D

Acq: 16 Mar 2022 15:54

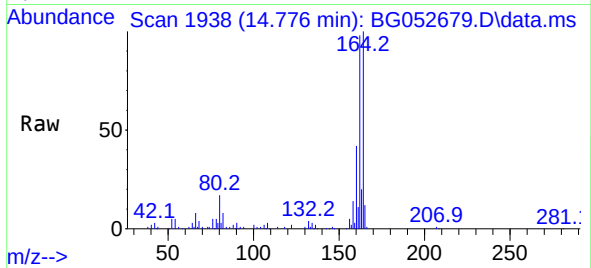
Tgt Ion:142	Resp:	48013
Ion Ratio	Lower	Upper
142	100	
141	90.8	70.5 105.7
116	4.1	3.1 4.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.776 min Scan# 1938
Delta R.T. 0.001 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54

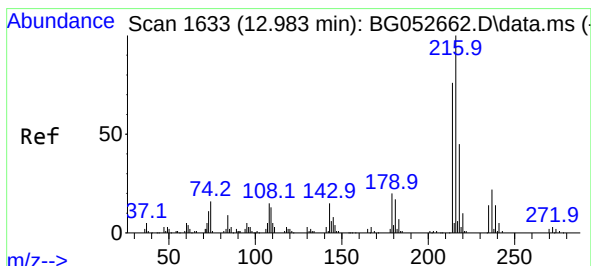
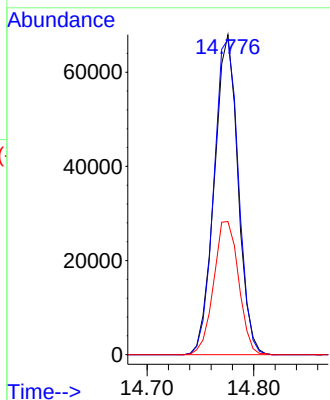
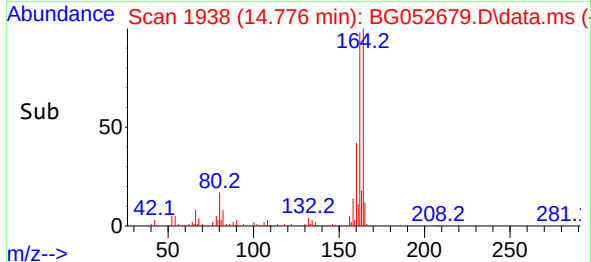
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2022



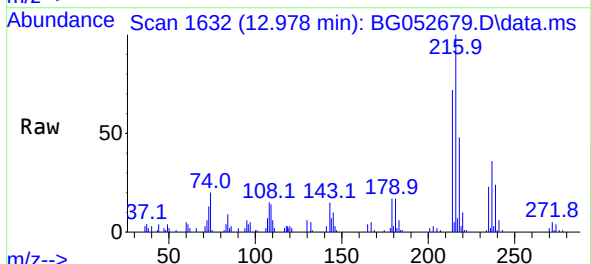
Tgt Ion:164 Resp: 104623
Ion Ratio Lower Upper
164 100
162 98.5 80.0 120.0
160 41.6 38.8 58.2

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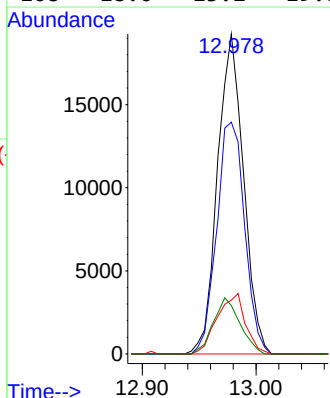
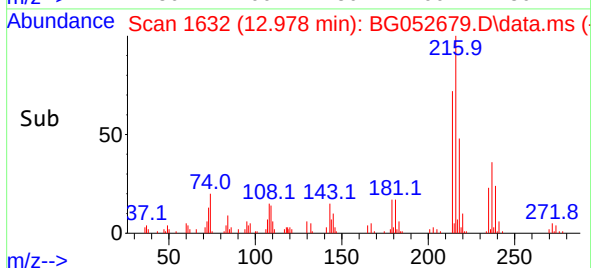
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

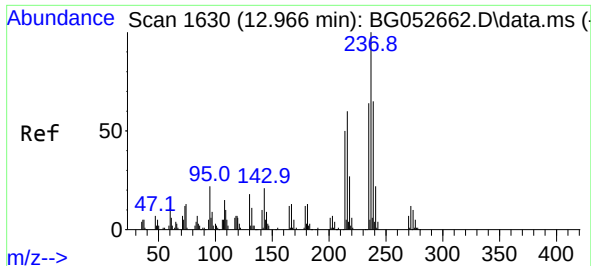


#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.363 ng
RT: 12.978 min Scan# 1632
Delta R.T. -0.005 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54



Tgt Ion:216 Resp: 30603
Ion Ratio Lower Upper
216 100
214 77.7 63.8 95.6
179 20.4 15.7 23.5
108 18.0 13.2 19.8





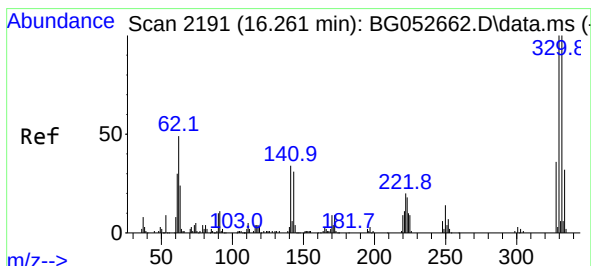
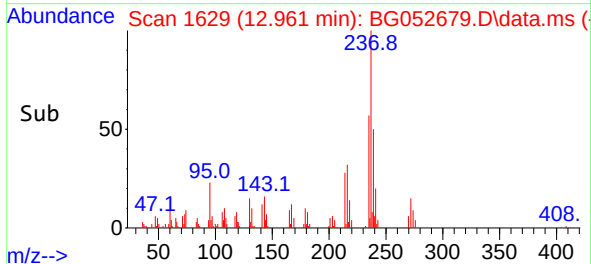
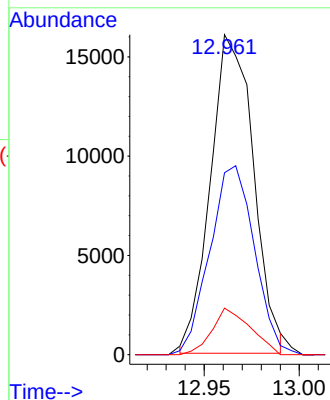
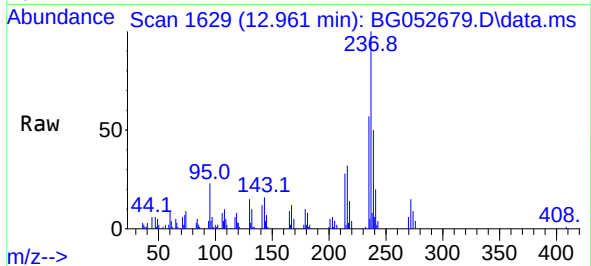
#41
Hexachlorocyclopentadiene
Concen: 12.982 ng m
RT: 12.961 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2022

Tgt Ion:237 Resp: 2515
Ion Ratio Lower Upper
237 100
235 56.9 37.7 77.7
272 14.5 0.0 30.7

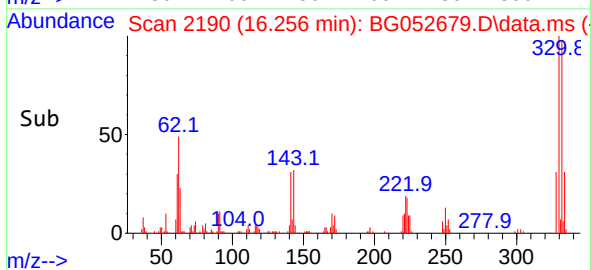
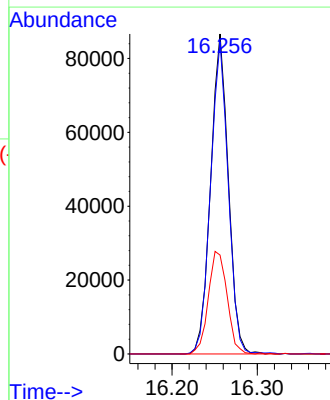
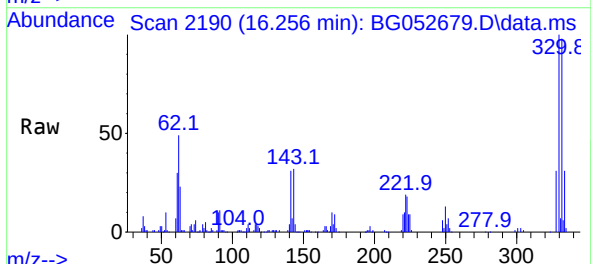
Manual Integrations
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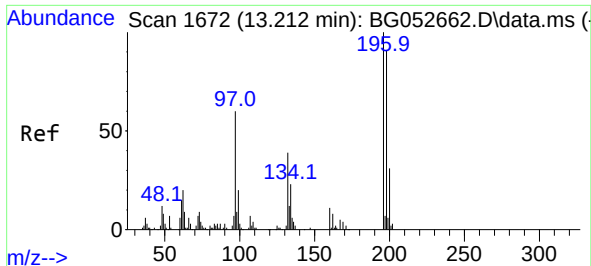
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#42
2,4,6-Tribromophenol
Concen: 88.696 ng
RT: 16.256 min Scan# 2190
Delta R.T. -0.005 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54

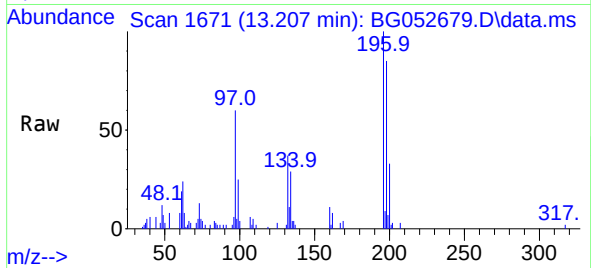
Tgt Ion:330 Resp: 124693
Ion Ratio Lower Upper
330 100
332 97.1 75.8 113.6
141 34.0 24.6 36.8





#43
2,4,6-Trichlorophenol
Concen: 8.834 ng
RT: 13.207 min Scan# 1672
Delta R.T. -0.005 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54

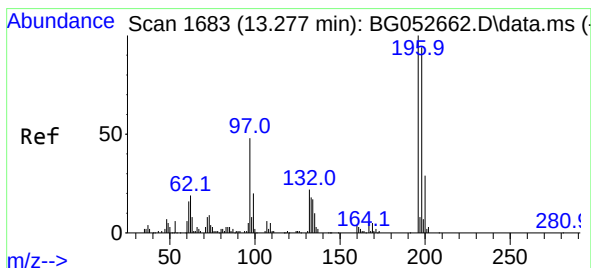
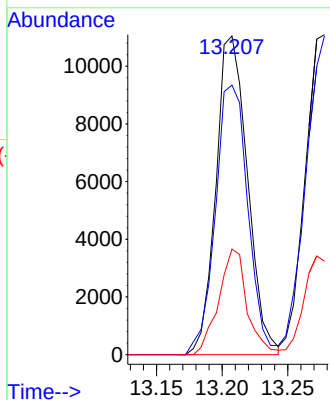
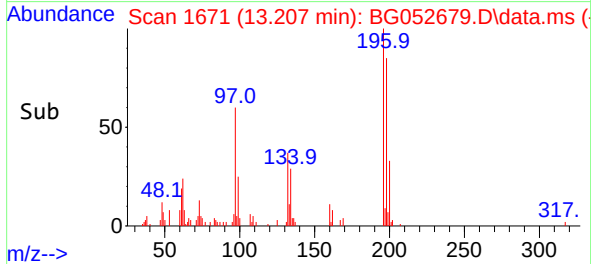
Instrument : BNA_G
ClientSampleId : LOQ-WATER-02-QT1-2022



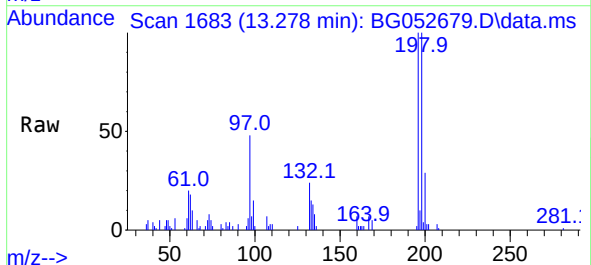
Tgt Ion:196 Resp: 1849
Ion Ratio Lower Upper
196 100
198 84.6 78.8 118.2
200 33.1 25.1 37.7

Manual Integrations
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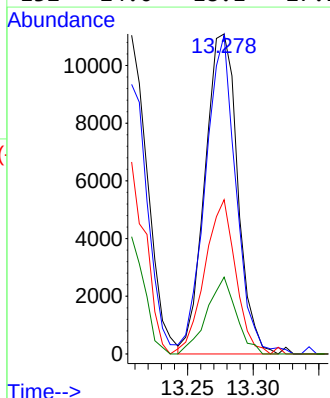
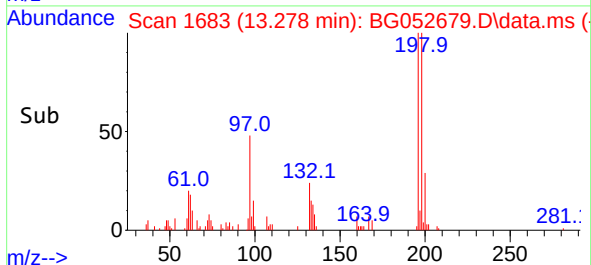
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

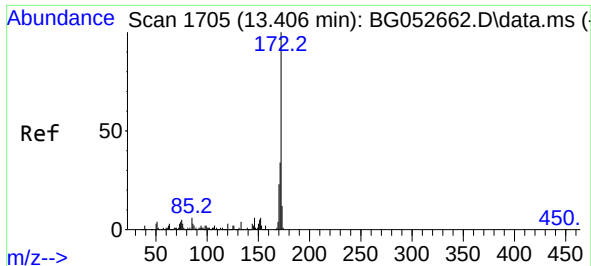


#44
2,4,5-Trichlorophenol
Concen: 9.040 ng
RT: 13.278 min Scan# 1683
Delta R.T. 0.001 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54



Tgt Ion:196 Resp: 19206
Ion Ratio Lower Upper
196 100
198 99.6 75.8 113.6
97 48.2 36.5 54.7
132 24.0 18.1 27.1





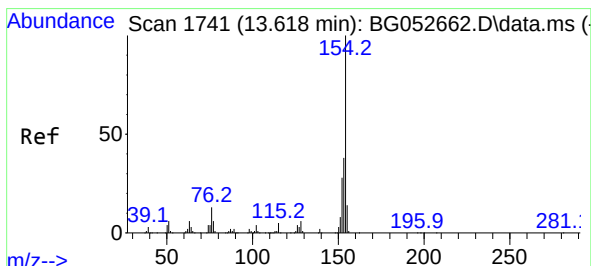
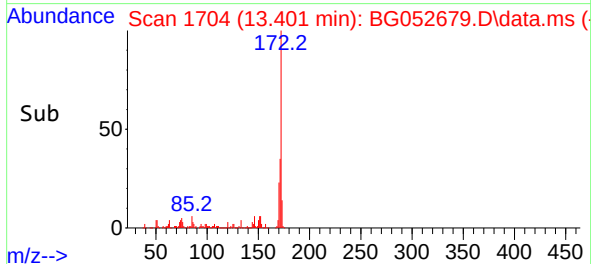
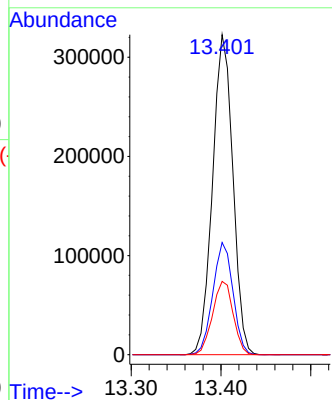
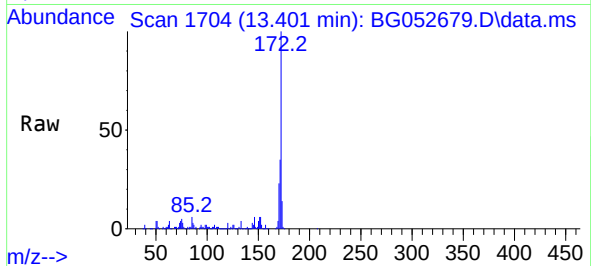
#45
2-Fluorobiphenyl
Concen: 71.403 ng
RT: 13.401 min Scan# 1704
Delta R.T. -0.005 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2022

Tgt Ion:172 Resp: 50652
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 22.9 18.0 27.0

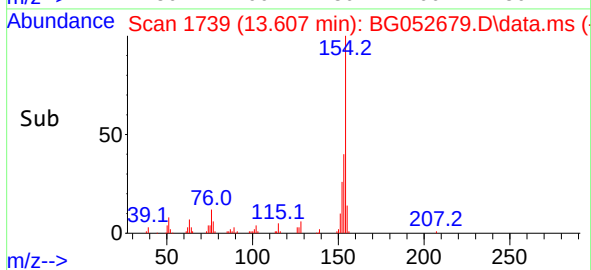
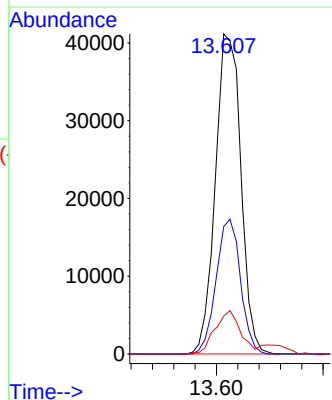
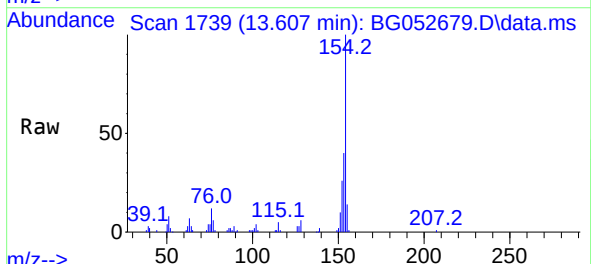
Manual Integrations
APPROVED

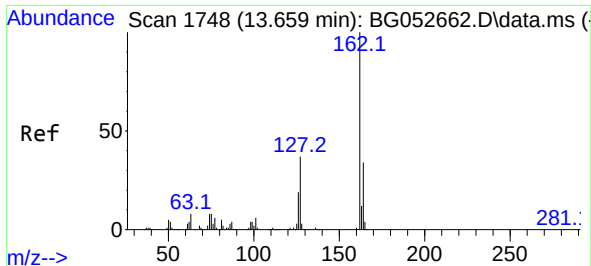
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#46
1,1'-Biphenyl
Concen: 9.332 ng
RT: 13.607 min Scan# 1739
Delta R.T. -0.011 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54

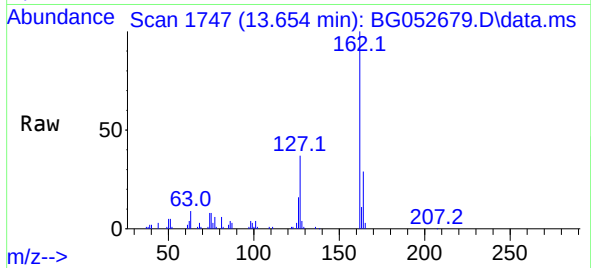
Tgt Ion:154 Resp: 68278
Ion Ratio Lower Upper
154 100
153 39.8 21.6 61.6
76 11.9 0.0 31.5





#47
2-Chloronaphthalene
Concen: 9.348 ng
RT: 13.654 min Scan# 1747
Delta R.T. -0.005 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54

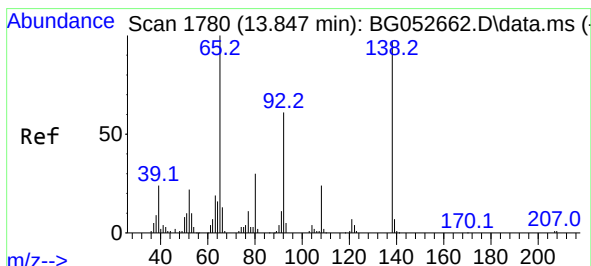
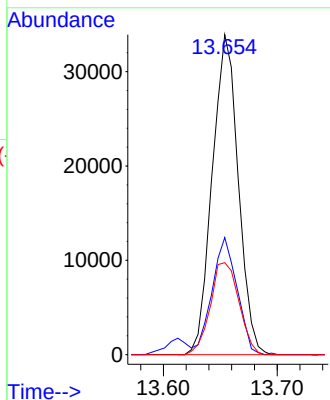
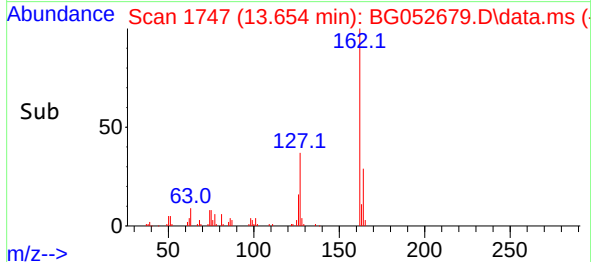
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2022



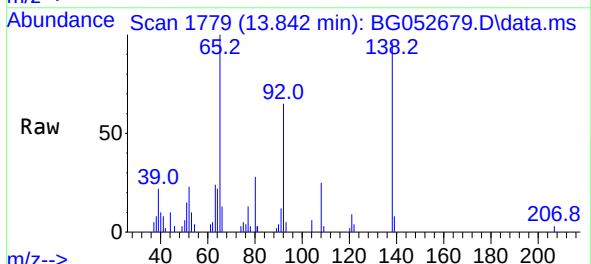
Tgt Ion:162 Resp: 5386
Ion Ratio Lower Upper
162 100
127 36.6 28.1 42.1
164 28.7 26.0 39.0

Manual Integrations
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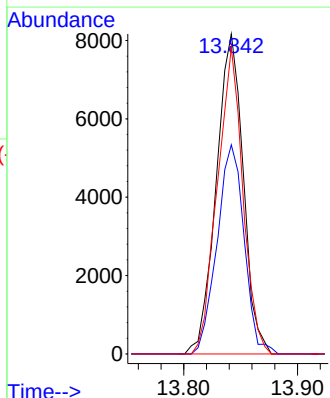
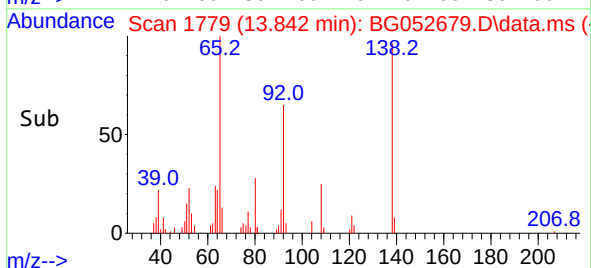
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

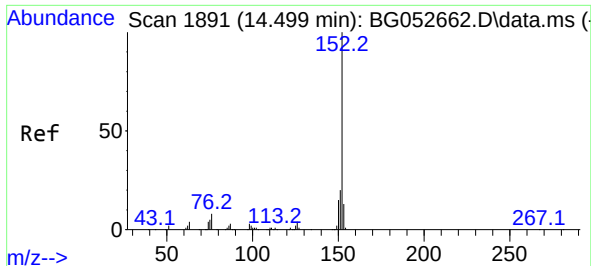


#48
2-Nitroaniline
Concen: 8.522 ng
RT: 13.842 min Scan# 1779
Delta R.T. -0.005 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54



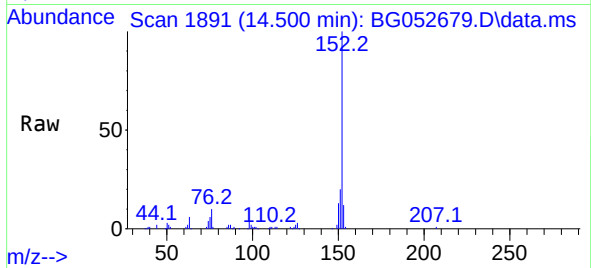
Tgt Ion: 65 Resp: 13430
Ion Ratio Lower Upper
65 100
92 65.4 52.1 78.1
138 95.8 80.1 120.1





#49
Acenaphthylene
Concen: 9.669 ng
RT: 14.500 min Scan# 1891
Delta R.T. 0.001 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54

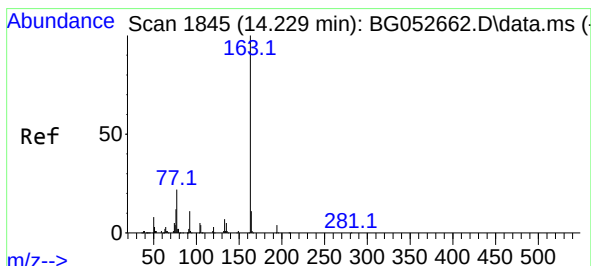
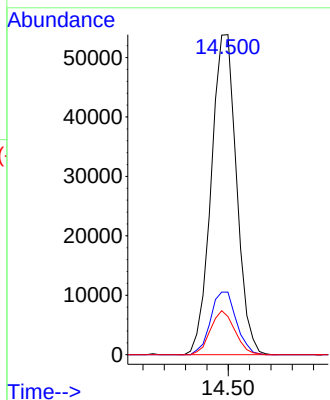
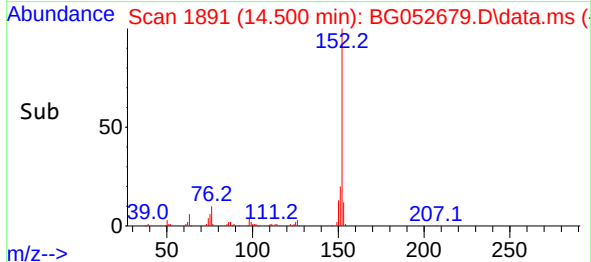
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2022



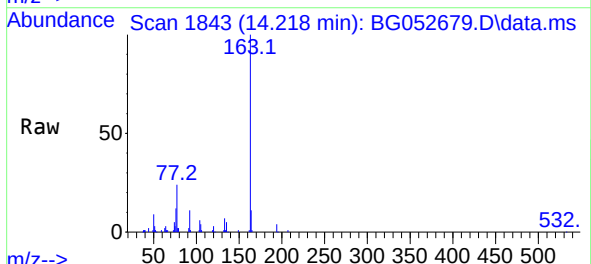
Tgt Ion:152 Resp: 88809
Ion Ratio Lower Upper
152 100
151 19.5 15.8 23.6
153 11.9 10.6 15.8

Manual Integrations
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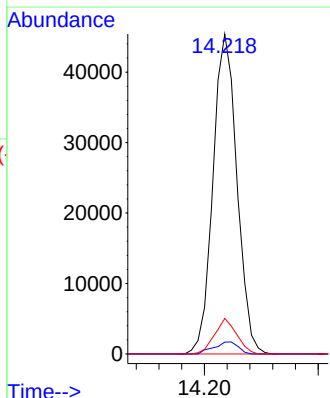
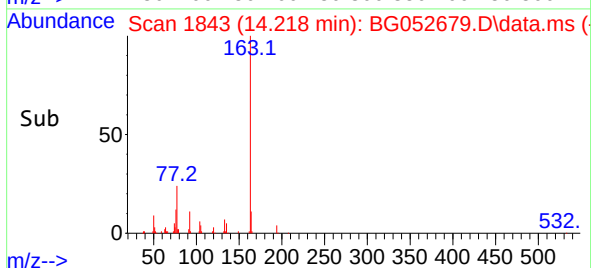
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

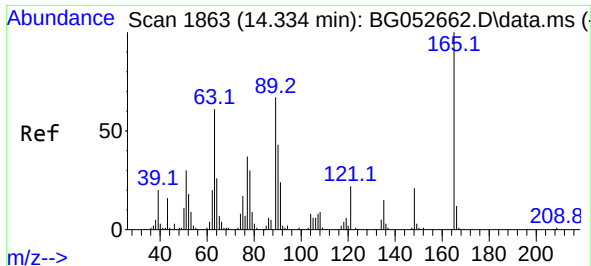


#50
Dimethylphthalate
Concen: 8.549 ng
RT: 14.218 min Scan# 1843
Delta R.T. -0.011 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54



Tgt Ion:163 Resp: 66475
Ion Ratio Lower Upper
163 100
194 3.7 3.3 4.9
164 11.1 8.5 12.7





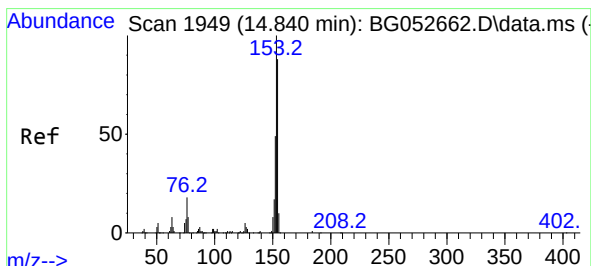
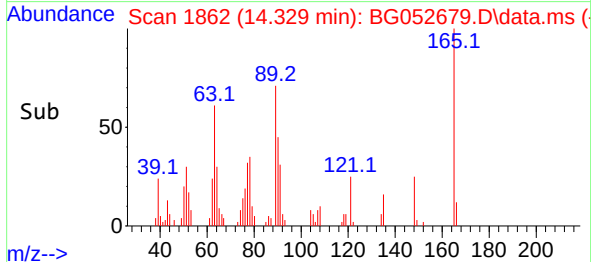
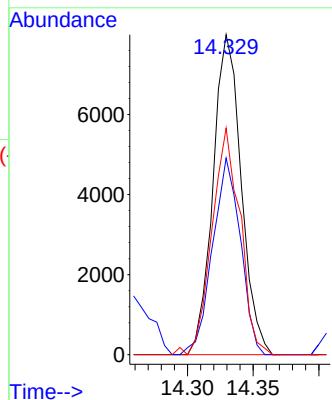
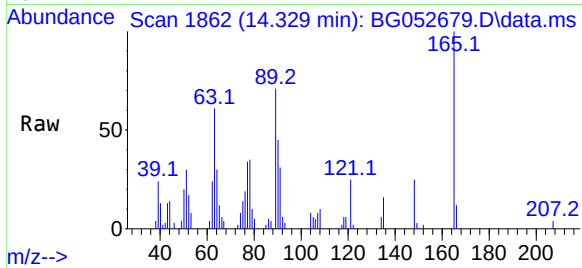
#51
2,6-Dinitrotoluene
Concen: 9.096 ng
RT: 14.329 min Scan# 1862
Delta R.T. -0.005 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2022

Tgt Ion:165 Resp: 1194
Ion Ratio Lower Upper
165 100
63 61.5 43.7 65.5
89 70.8 45.0 67.4

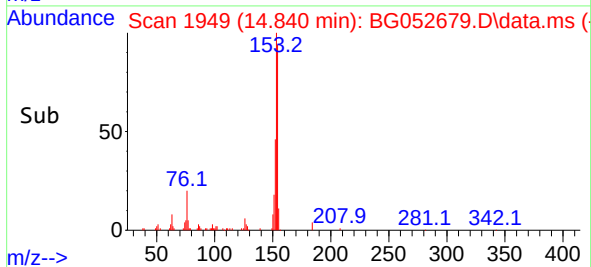
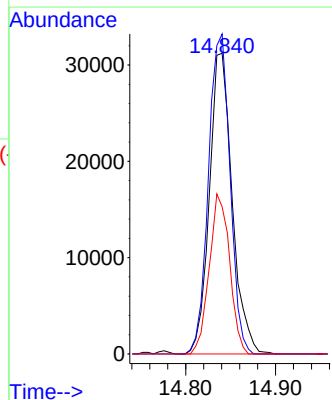
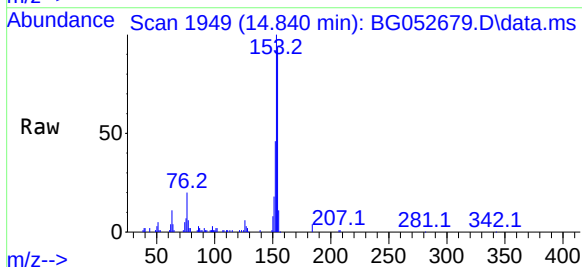
Manual Integrations
APPROVED

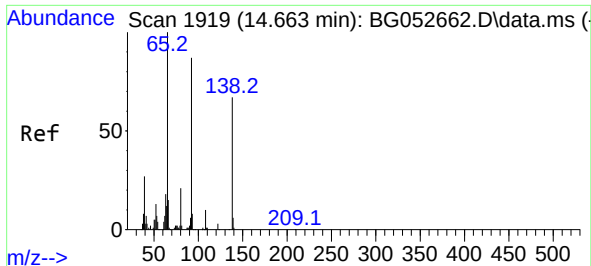
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#52
Acenaphthene
Concen: 9.362 ng
RT: 14.840 min Scan# 1949
Delta R.T. 0.001 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54

Tgt Ion:154 Resp: 55089
Ion Ratio Lower Upper
154 100
153 106.5 89.0 133.4
152 49.0 40.5 60.7





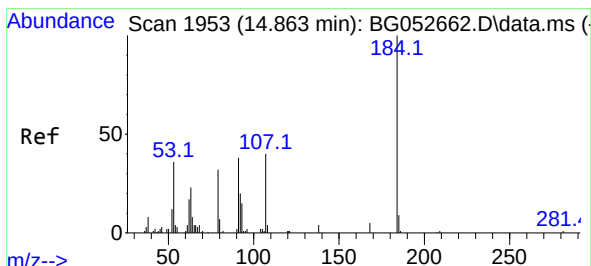
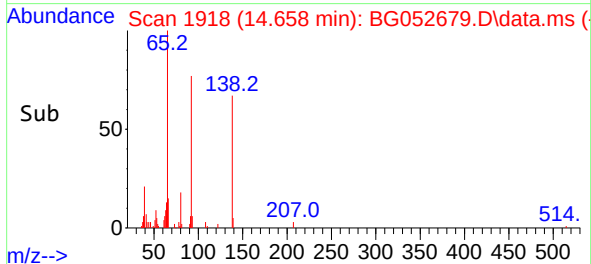
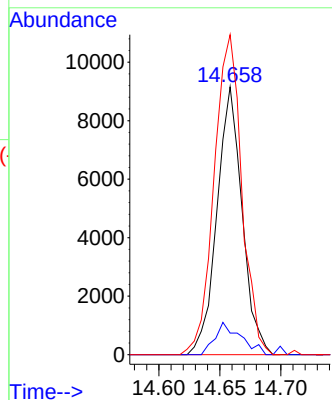
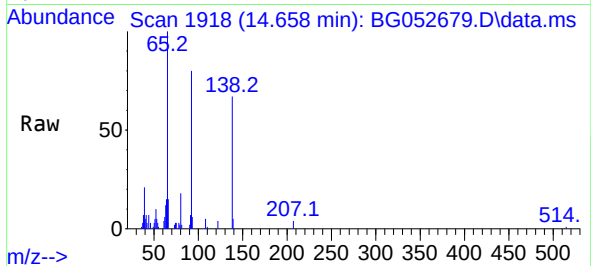
#53
3-Nitroaniline
Concen: 8.577 ng
RT: 14.658 min Scan# 1918
Delta R.T. -0.005 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2022

Tgt Ion:138 Resp: 13170
Ion Ratio Lower Upper
138 100
108 8.1 8.0 12.0
92 119.4 96.2 144.2

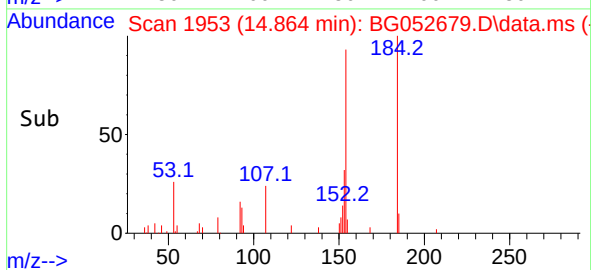
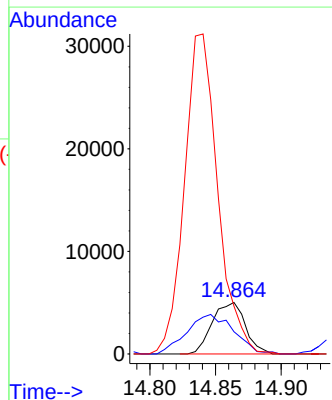
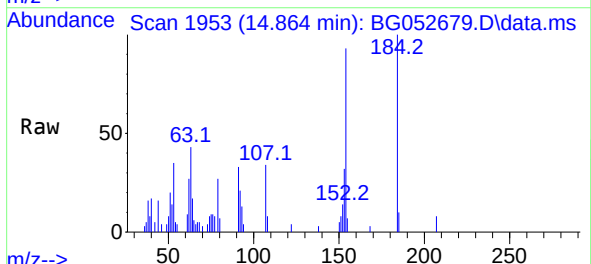
Manual Integrations
APPROVED

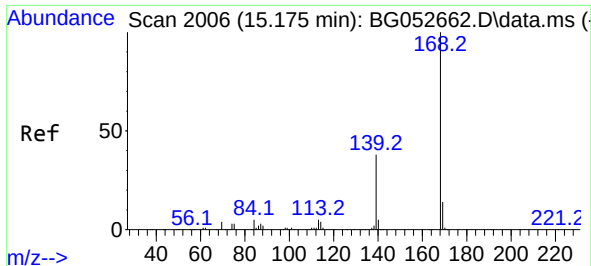
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#54
2,4-Dinitrophenol
Concen: 12.258 ng
RT: 14.864 min Scan# 1953
Delta R.T. 0.001 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54

Tgt Ion:184 Resp: 8772
Ion Ratio Lower Upper
184 100
63 43.3 51.8 77.6#
154 92.8 47.8 71.6#





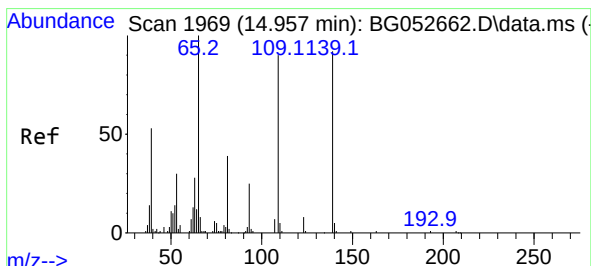
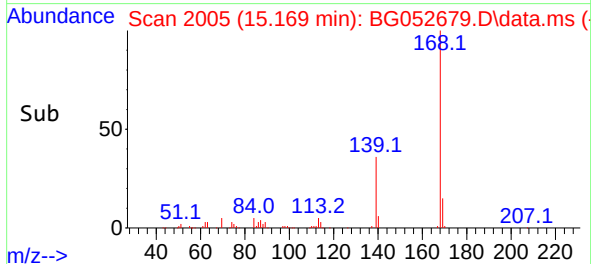
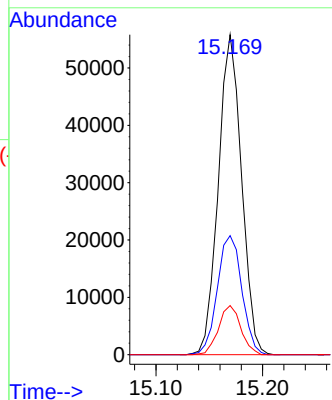
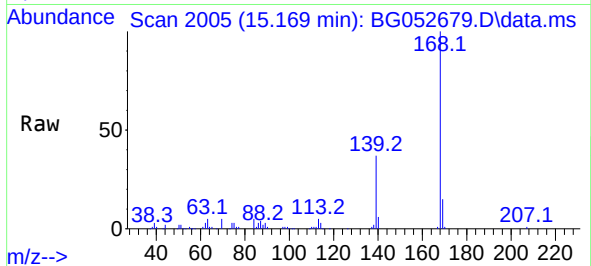
#55
Dibenzenofuran
Concen: 8.772 ng
RT: 15.169 min Scan# 2006
Delta R.T. -0.005 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2022

Tgt Ion:168 Resp: 8429
Ion Ratio Lower Upper
168 100
139 37.2 30.2 45.4
169 15.3 10.7 16.1

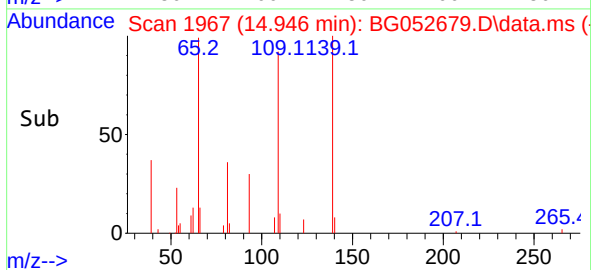
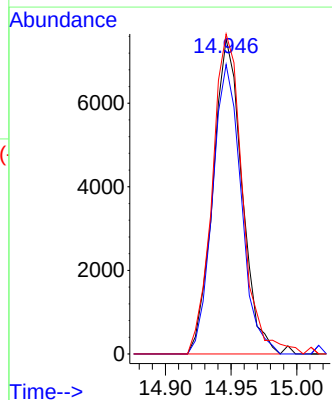
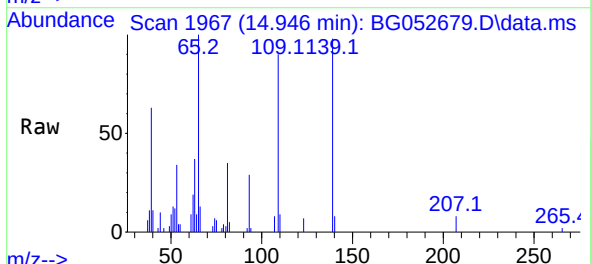
Manual Integrations
APPROVED

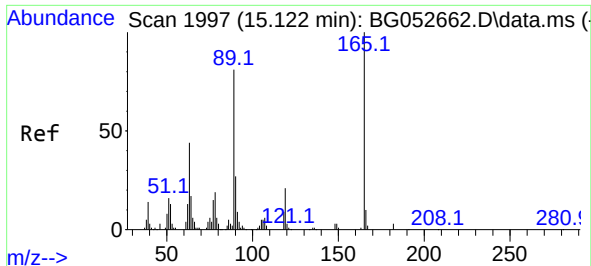
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#56
4-Nitrophenol
Concen: 9.221 ng
RT: 14.946 min Scan# 1967
Delta R.T. -0.011 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54

Tgt Ion:139 Resp: 11555
Ion Ratio Lower Upper
139 100
109 91.9 67.1 107.1
65 101.6 88.2 128.2





#57

2,4-Dinitrotoluene

Concen: 8.642 ng

RT: 15.111 min Scan# 1995

Delta R.T. -0.011 min

Lab File: BG052679.D

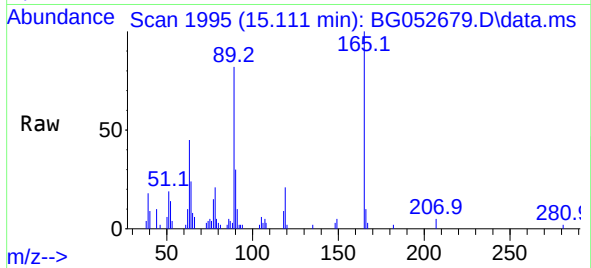
Acq: 16 Mar 2022 15:54

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2022



Tgt Ion:165 Resp: 1574

Ion Ratio Lower Upper

165 100

63 45.3 34.8 52.2

89 82.0 57.4 86.0

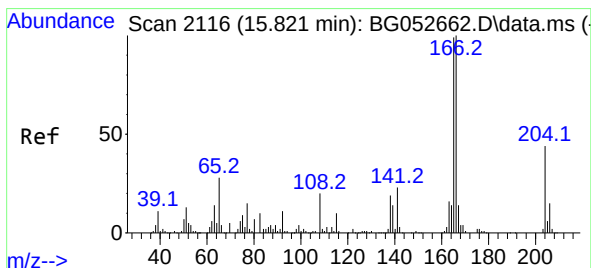
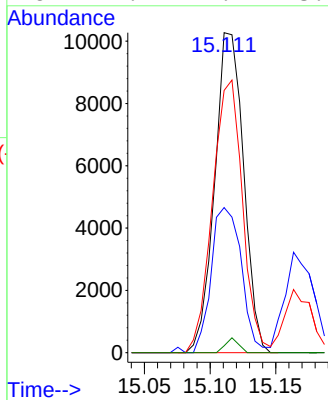
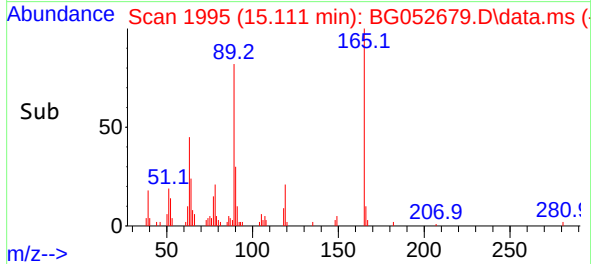
182 2.1 2.1 3.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/17/2022

Supervised By :Jagrut Upadhyay 03/17/2022



#58

Fluorene

Concen: 8.815 ng

RT: 15.822 min Scan# 2116

Delta R.T. 0.001 min

Lab File: BG052679.D

Acq: 16 Mar 2022 15:54

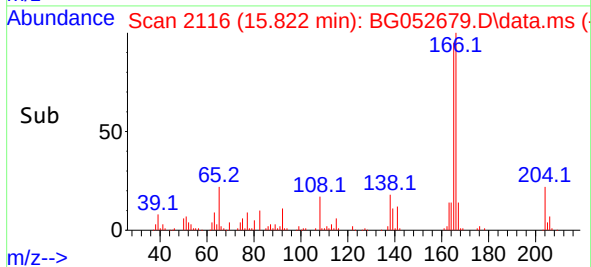
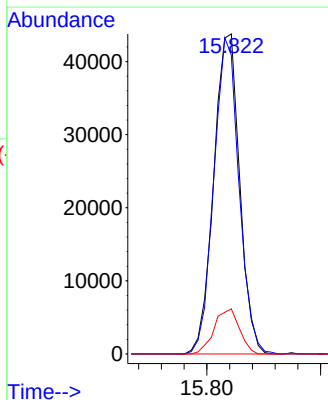
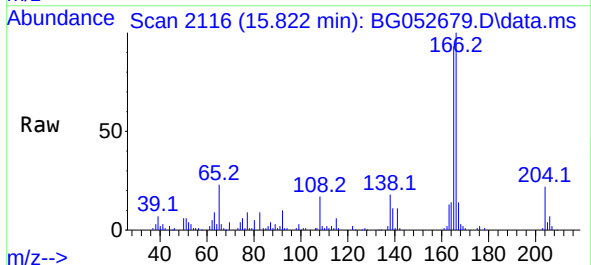
Tgt Ion:166 Resp: 69051

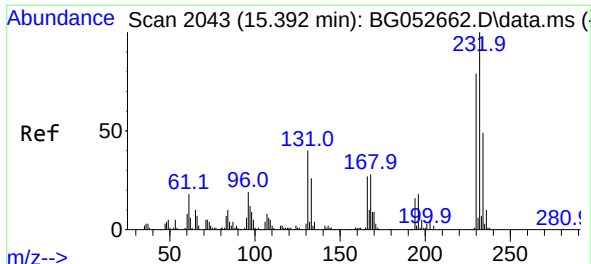
Ion Ratio Lower Upper

166 100

165 93.4 78.6 117.8

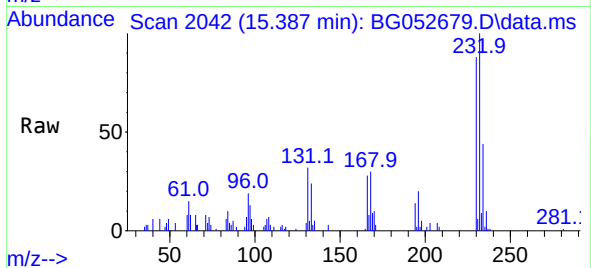
167 14.1 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 7.994 ng
RT: 15.387 min Scan# 2043
Delta R.T. -0.005 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54

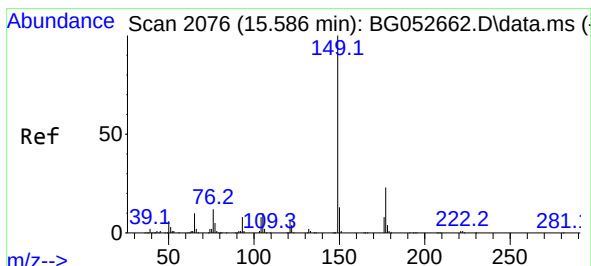
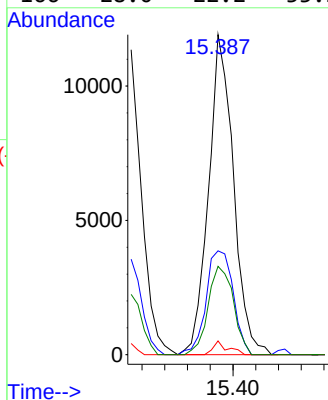
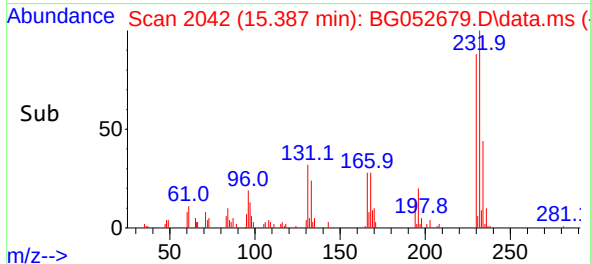
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2022



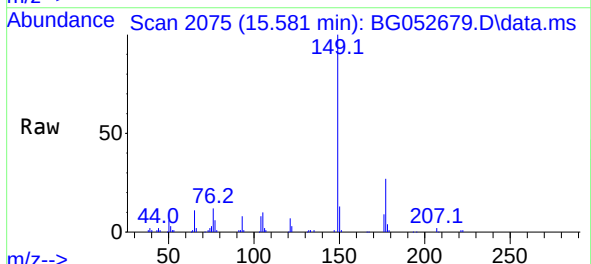
Tgt Ion:232 Resp: 1815
Ion Ratio Lower Upper
232 100
131 35.3 30.1 45.1
130 2.5 1.8 2.8
166 28.0 22.2 33.2

Manual Integrations
APPROVED

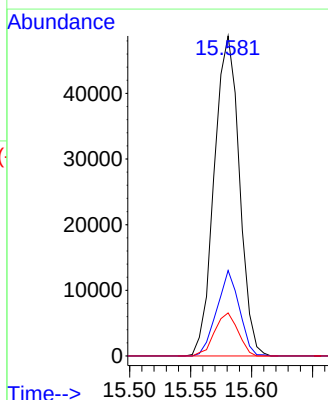
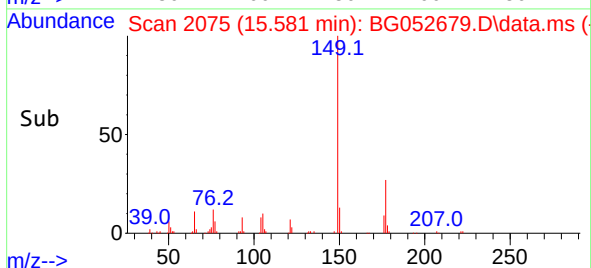
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

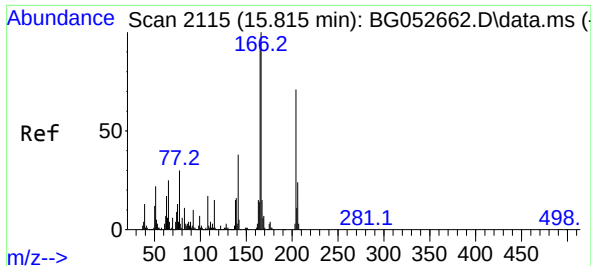


#60
Diethylphthalate
Concen: 8.522 ng
RT: 15.581 min Scan# 2075
Delta R.T. -0.005 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54



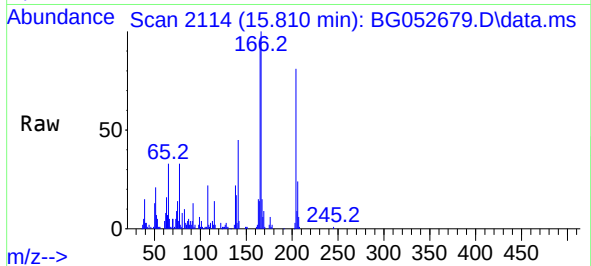
Tgt Ion:149 Resp: 69951
Ion Ratio Lower Upper
149 100
177 26.7 18.2 27.2
150 13.4 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 8.629 ng
RT: 15.810 min Scan# 2115
Delta R.T. -0.005 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54

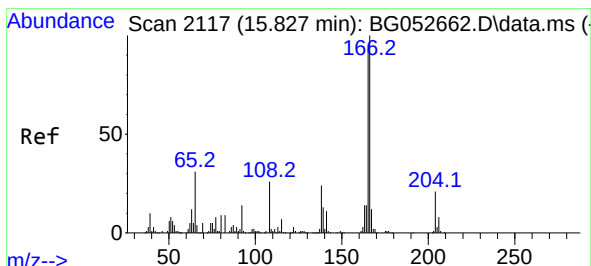
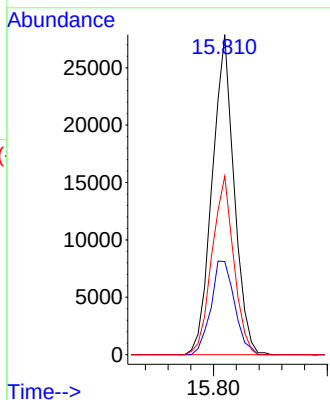
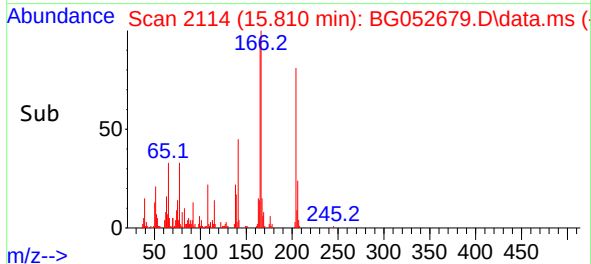
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2022



Tgt Ion:204 Resp: 3727
Ion Ratio Lower Upper
204 100
206 29.1 28.3 42.5
141 55.8 45.8 68.8

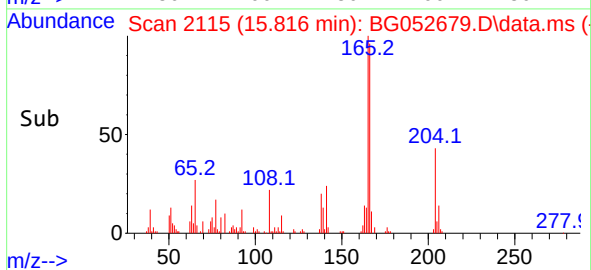
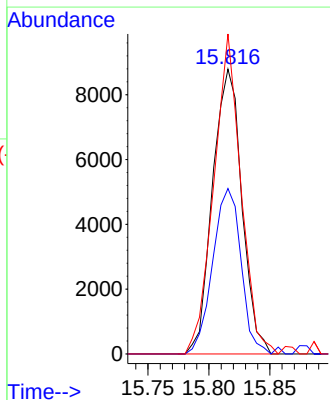
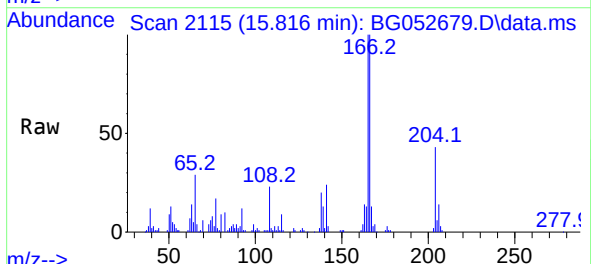
Manual Integrations
APPROVED

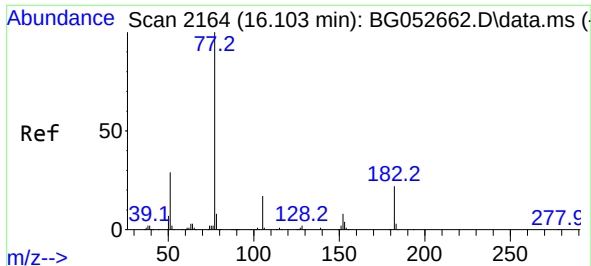
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#62
4-Nitroaniline
Concen: 9.059 ng
RT: 15.816 min Scan# 2115
Delta R.T. -0.011 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54

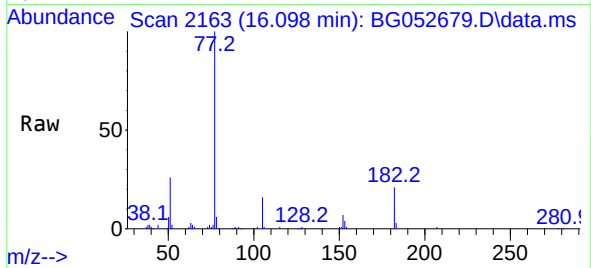
Tgt Ion:138 Resp: 14705
Ion Ratio Lower Upper
138 100
92 58.1 33.3 73.3
108 112.4 74.2 114.2





#63
Azobenzene
Concen: 8.592 ng
RT: 16.098 min Scan# 2164
Delta R.T. -0.005 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54

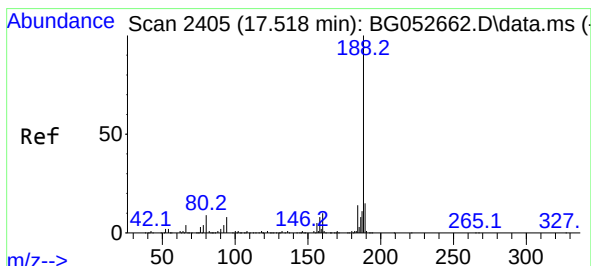
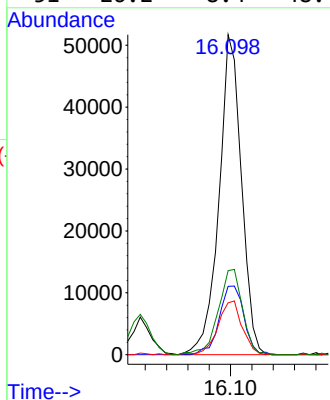
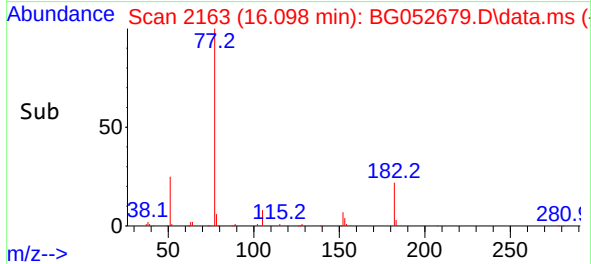
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2022



Tgt Ion: 77 Resp: 75380
Ion Ratio Lower Upper
77 100
182 21.4 5.6 45.6
105 16.2 0.0 38.8
51 26.2 8.4 48.4

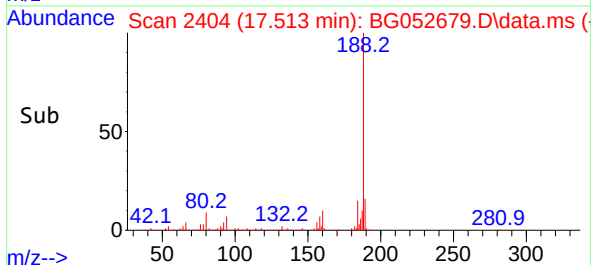
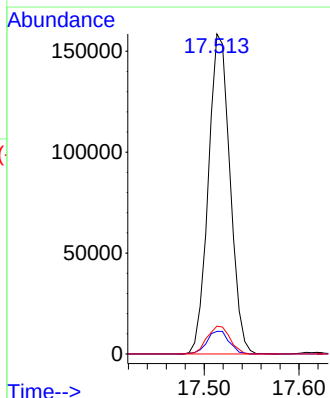
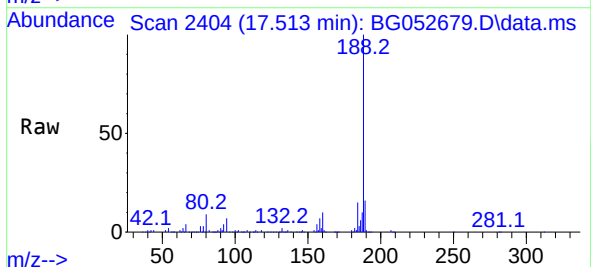
Manual Integrations
APPROVED

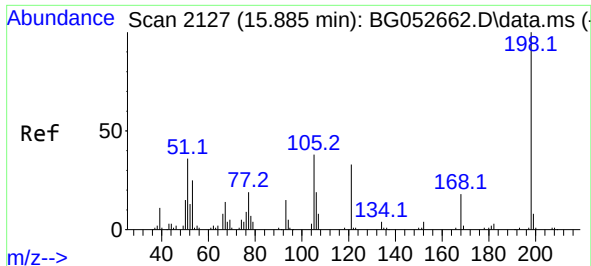
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.513 min Scan# 2404
Delta R.T. -0.005 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54

Tgt Ion:188 Resp: 251896
Ion Ratio Lower Upper
188 100
94 7.1 5.7 8.5
80 8.7 7.2 10.8





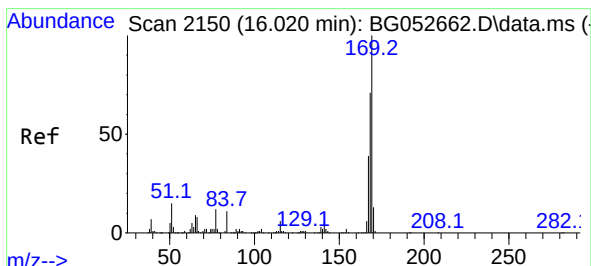
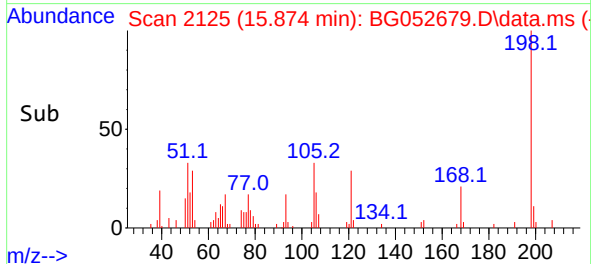
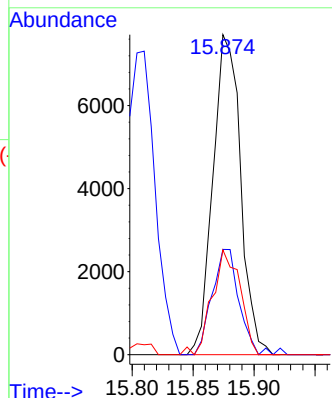
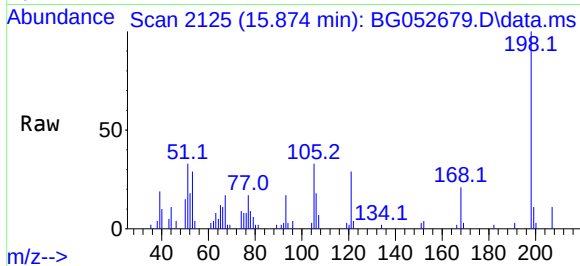
#65
4,6-Dinitro-2-methylphenol
Concen: 10.813 ng
RT: 15.874 min Scan# 2114
Delta R.T. -0.011 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2022

Tgt Ion:198 Resp: 1214
Ion Ratio Lower Upper
198 100
51 32.9 21.7 61.7
105 32.7 20.8 60.8

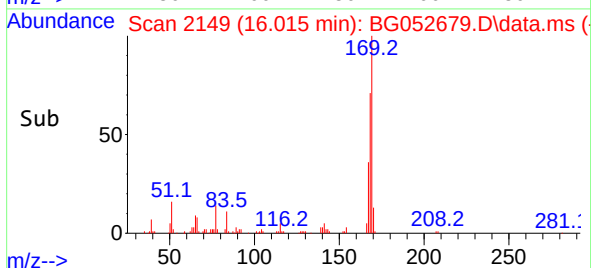
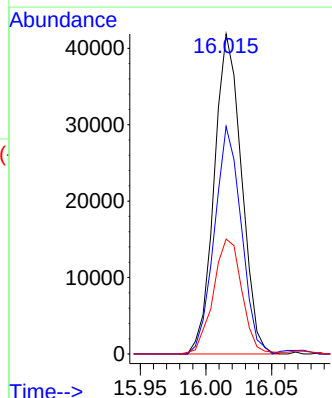
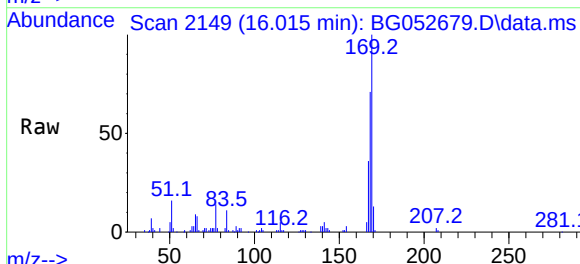
Manual Integrations
APPROVED

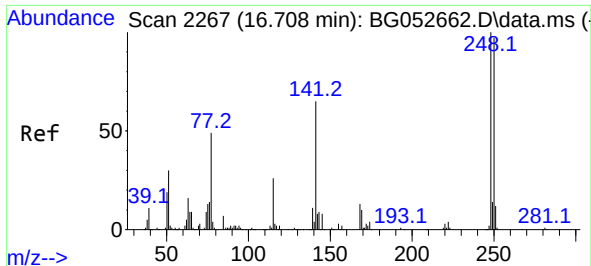
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#66
n-Nitrosodiphenylamine
Concen: 8.523 ng
RT: 16.015 min Scan# 2149
Delta R.T. -0.005 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54

Tgt Ion:169 Resp: 60443
Ion Ratio Lower Upper
169 100
168 71.1 54.5 81.7
167 35.9 29.6 44.4





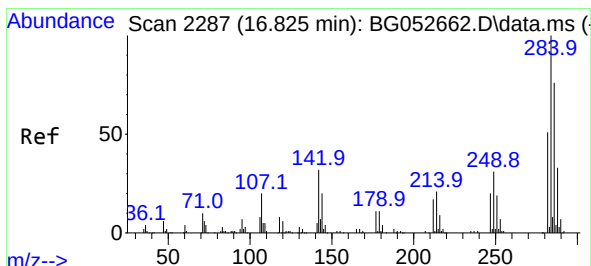
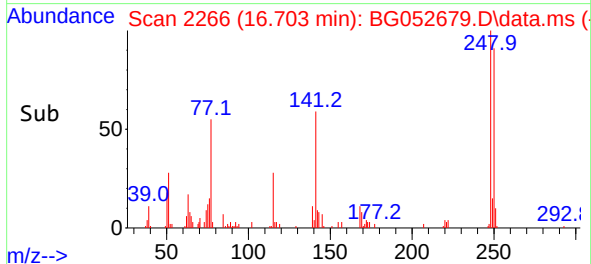
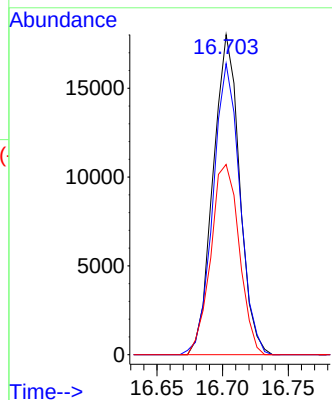
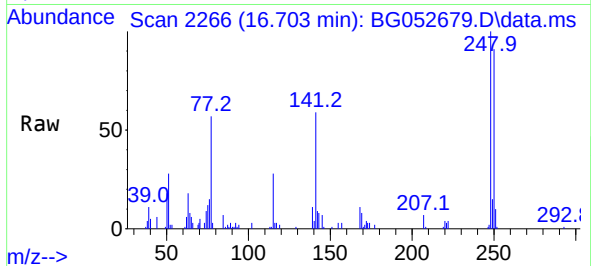
#67
4-Bromophenyl-phenylether
Concen: 8.297 ng
RT: 16.703 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2022

Tgt Ion:248 Resp: 25198
Ion Ratio Lower Upper
248 100
250 90.9 77.9 116.9
141 59.5 49.2 73.8

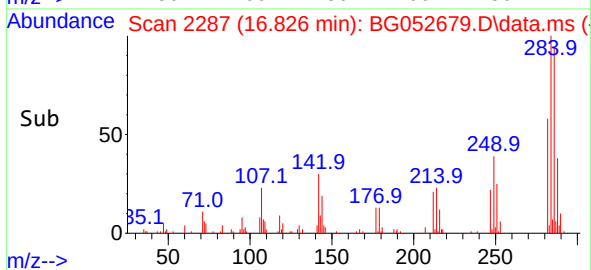
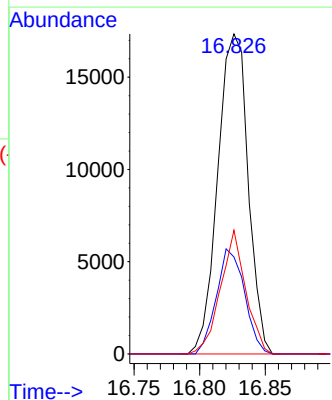
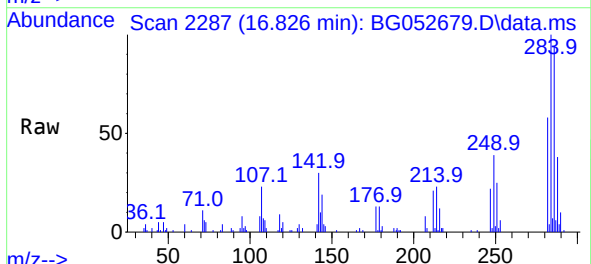
Manual Integrations
APPROVED

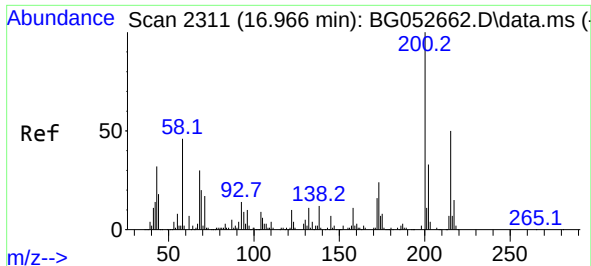
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#68
Hexachlorobenzene
Concen: 8.530 ng
RT: 16.826 min Scan# 2287
Delta R.T. 0.001 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54

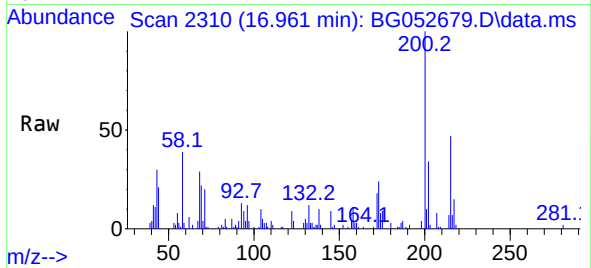
Tgt Ion:284 Resp: 27846
Ion Ratio Lower Upper
284 100
142 30.3 21.0 31.4
249 38.7 22.7 34.1#





#69
Atrazine
Concen: 9.102 ng
RT: 16.961 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54

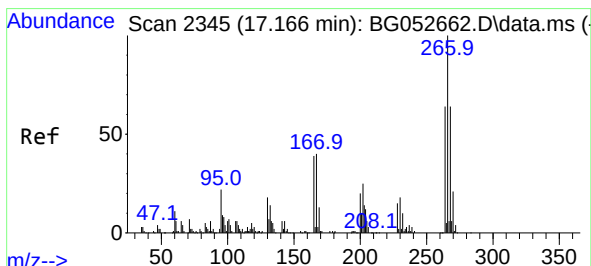
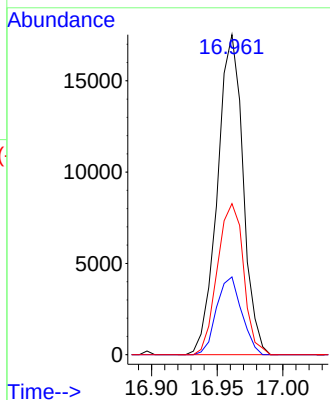
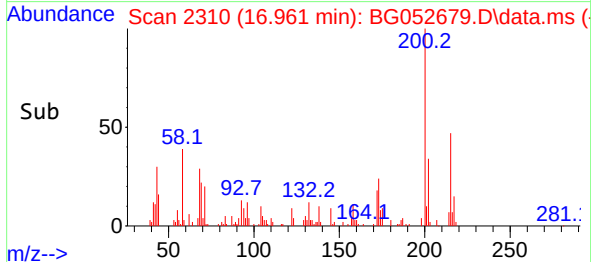
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2022



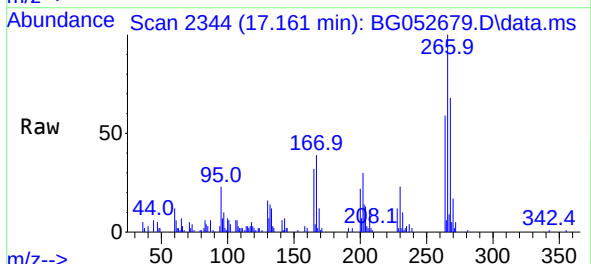
Tgt Ion:200 Resp: 2380
Ion Ratio Lower Upper
200 100
173 24.3 3.8 43.8
215 47.2 26.3 66.3

Manual Integrations
APPROVED

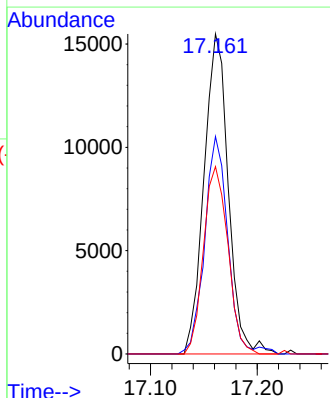
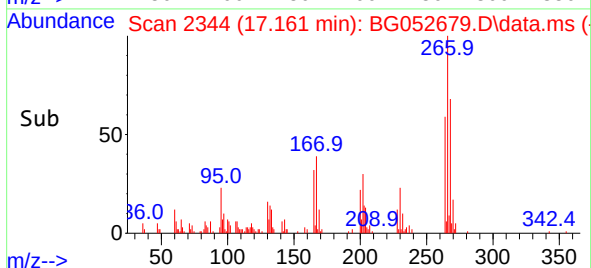
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

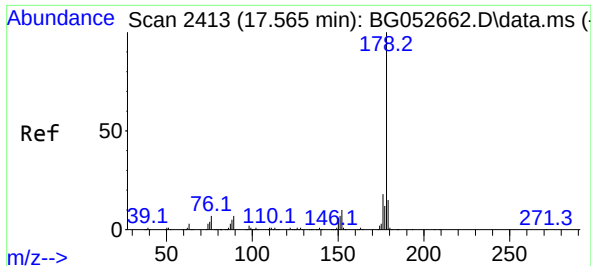


#70
Pentachlorophenol
Concen: 12.106 ng
RT: 17.161 min Scan# 2344
Delta R.T. -0.005 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54



Tgt Ion:266 Resp: 24517
Ion Ratio Lower Upper
266 100
268 68.0 45.9 68.9
264 58.6 45.3 67.9





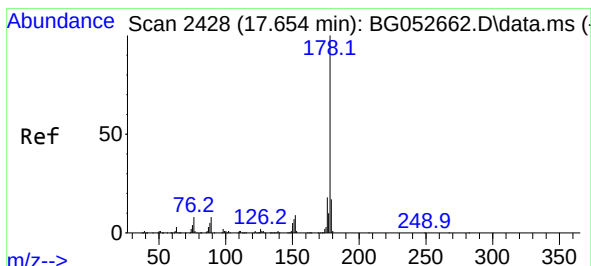
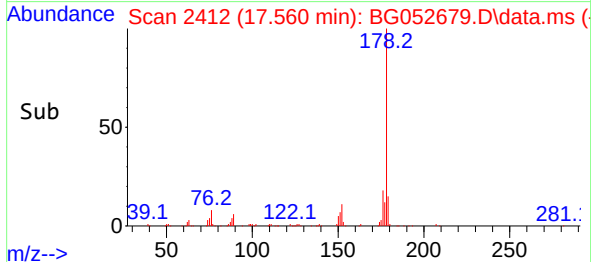
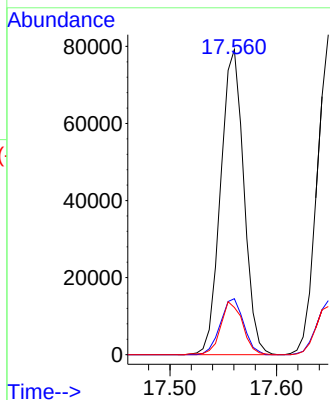
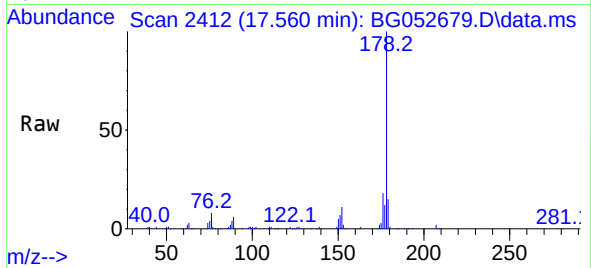
#71
Phenanthrene
Concen: 8.863 ng
RT: 17.560 min Scan# 2413
Delta R.T. -0.005 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54

Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2022

Tgt Ion:178 Resp: 119429
Ion Ratio Lower Upper
178 100
176 18.4 15.9 23.9
179 15.5 13.4 20.2

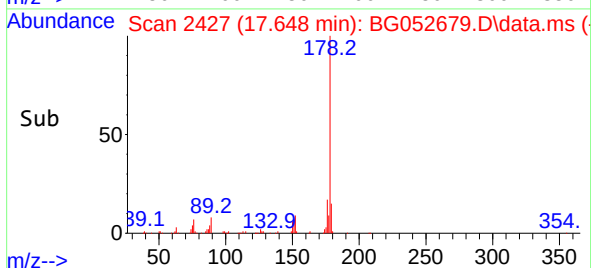
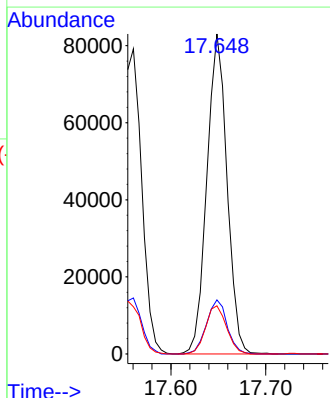
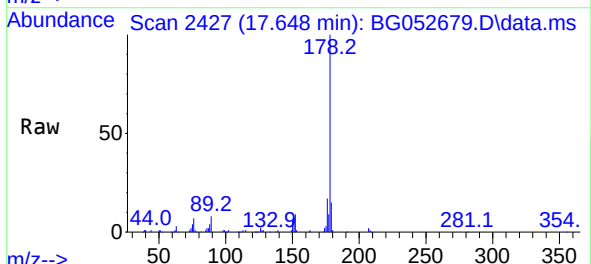
Manual Integrations
APPROVED

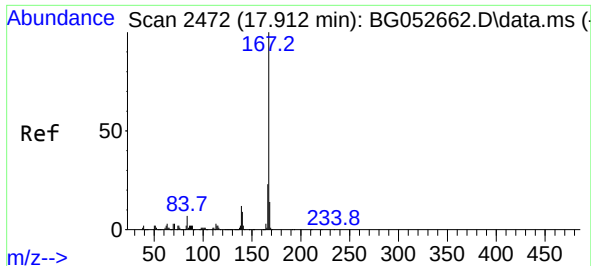
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#72
Anthracene
Concen: 9.199 ng
RT: 17.648 min Scan# 2427
Delta R.T. -0.005 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54

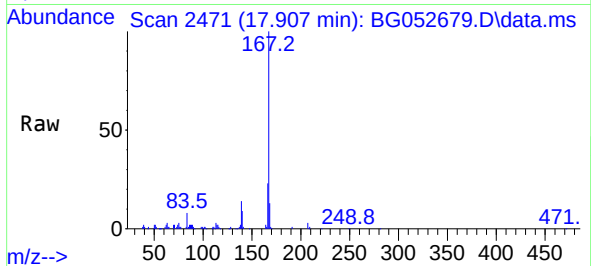
Tgt Ion:178 Resp: 122545
Ion Ratio Lower Upper
178 100
176 16.9 14.7 22.1
179 15.0 13.2 19.8





#73
Carbazole
Concen: 8.588 ng
RT: 17.907 min Scan# 2472
Delta R.T. -0.005 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54

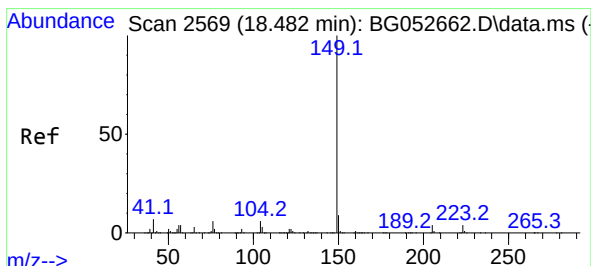
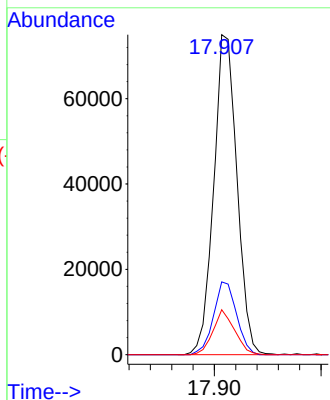
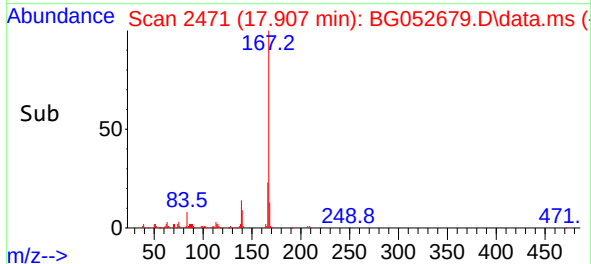
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2022



Tgt Ion:167 Resp: 113308
Ion Ratio Lower Upper
167 100
166 22.7 18.5 27.7
139 14.0 10.0 15.0

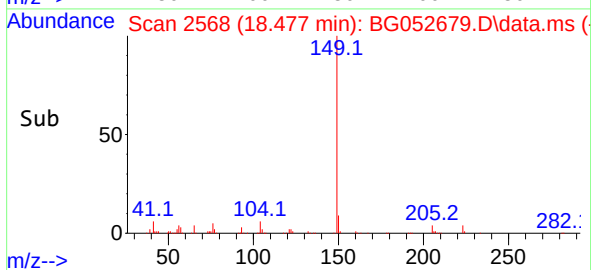
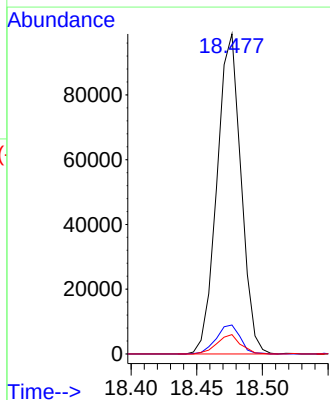
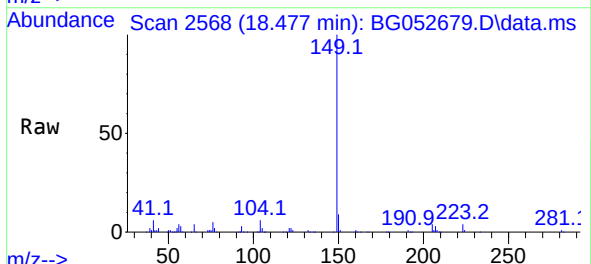
Manual Integrations
APPROVED

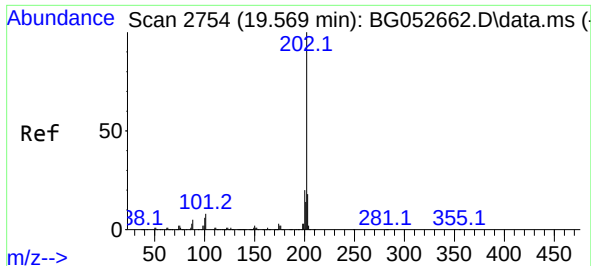
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#74
Di-n-butylphthalate
Concen: 8.718 ng
RT: 18.477 min Scan# 2568
Delta R.T. -0.005 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54

Tgt Ion:149 Resp: 125659
Ion Ratio Lower Upper
149 100
150 9.1 7.0 10.6
104 6.0 4.6 7.0





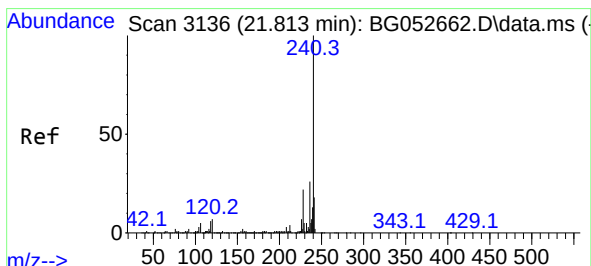
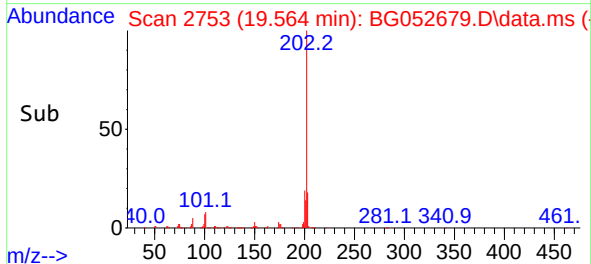
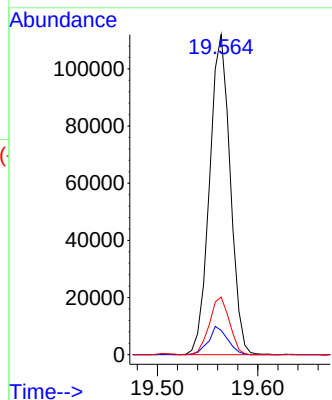
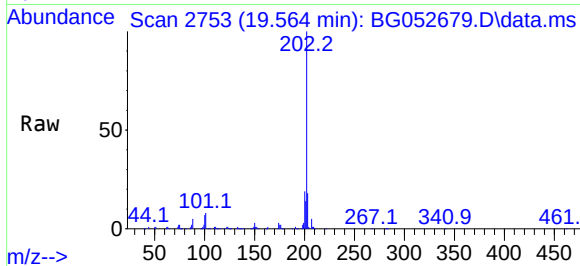
#75
Fluoranthene
Concen: 9.367 ng
RT: 19.564 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2022

Tgt Ion:202 Resp: 160238
Ion Ratio Lower Upper
202 100
101 7.6 0.0 27.3
203 18.0 0.0 37.7

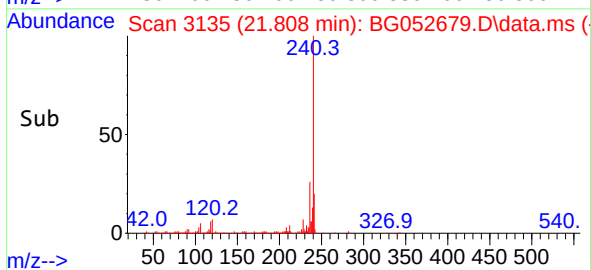
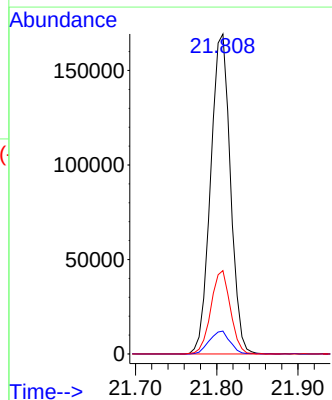
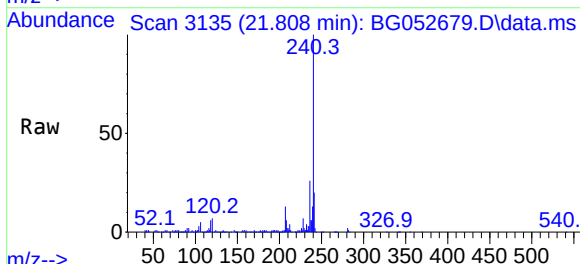
Manual Integrations
APPROVED

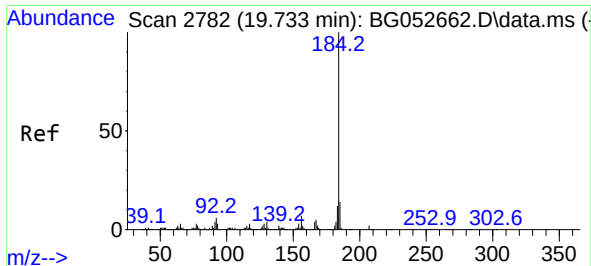
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.808 min Scan# 3135
Delta R.T. -0.005 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54

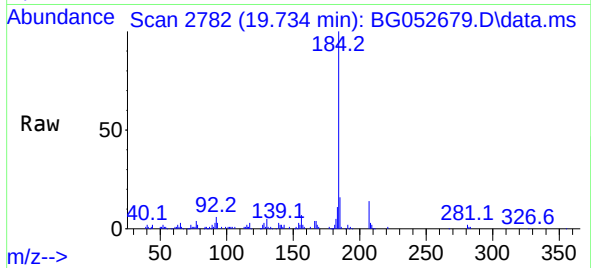
Tgt Ion:240 Resp: 286195
Ion Ratio Lower Upper
240 100
120 7.2 5.4 8.0
236 26.1 19.8 29.6





#77
Benzidine
Concen: 11.011 ng
RT: 19.734 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54

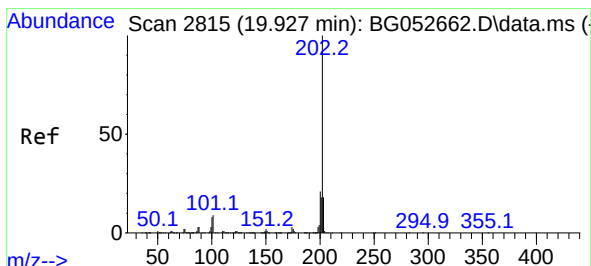
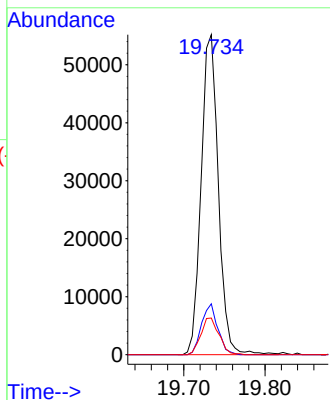
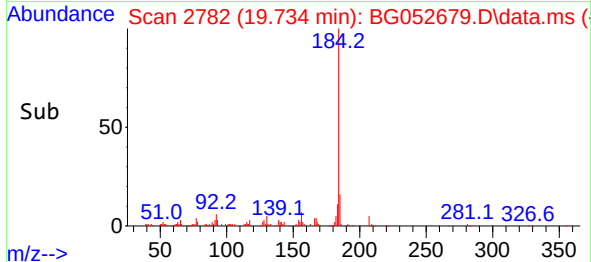
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2022



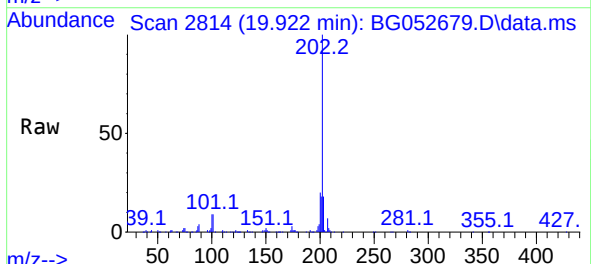
Tgt Ion:184 Resp: 81275
Ion Ratio Lower Upper
184 100
185 15.9 11.5 17.3
183 11.5 9.4 14.2

Manual Integrations
APPROVED

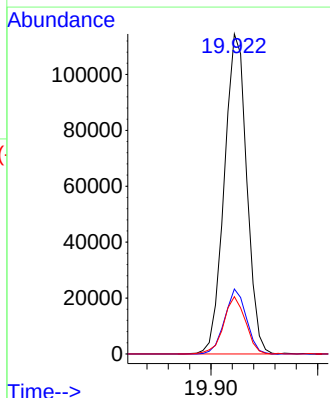
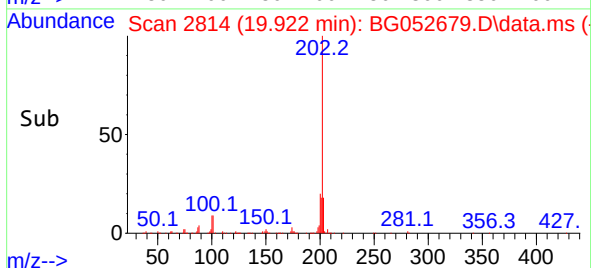
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

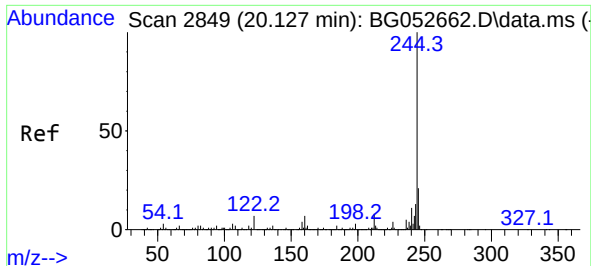


#78
Pyrene
Concen: 8.405 ng
RT: 19.922 min Scan# 2814
Delta R.T. -0.005 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54



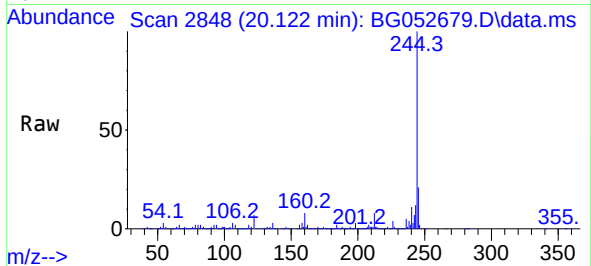
Tgt Ion:202 Resp: 166851
Ion Ratio Lower Upper
202 100
200 20.3 17.0 25.6
203 17.9 15.0 22.6





#79
 Terphenyl-d14
 Concen: 67.135 ng
 RT: 20.122 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG052679.D
 Acq: 16 Mar 2022 15:54

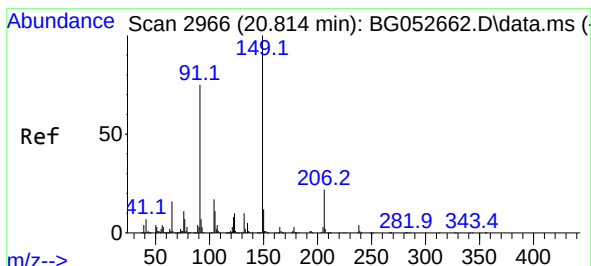
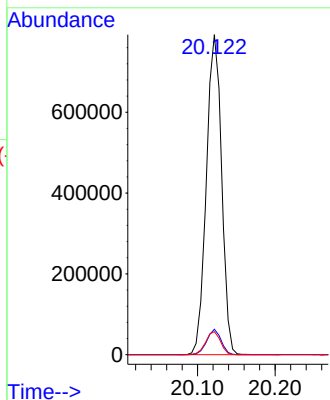
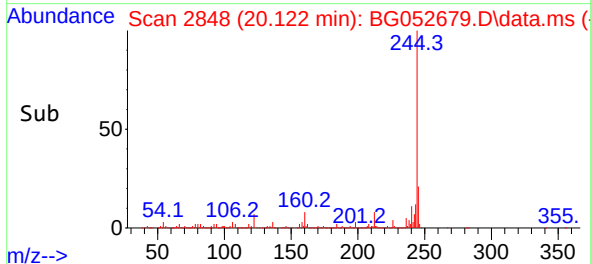
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT1-2022



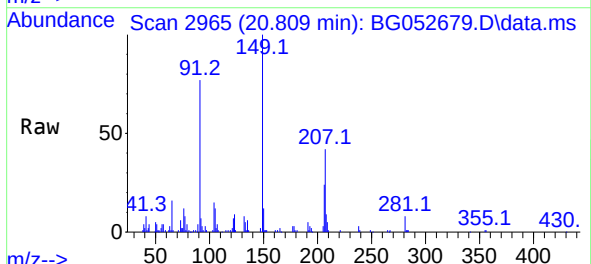
Tgt Ion:244 Resp: 1080114
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.4 8.2
 122 7.2 5.8 8.6

Manual Integrations
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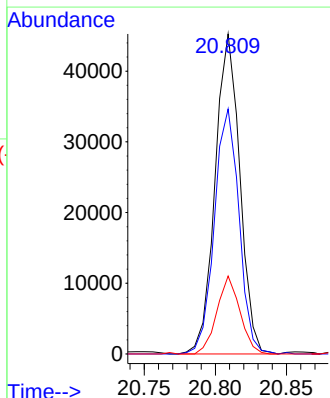
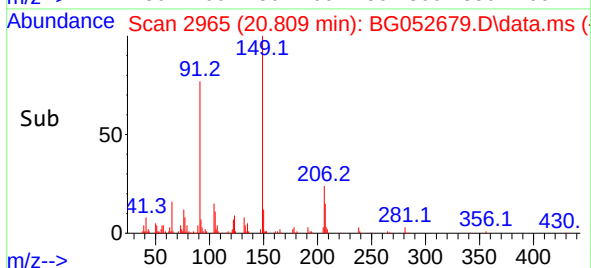
Reviewed By :Christian Giraldo 03/17/2022
 Supervised By :Jagrut Upadhyay 03/17/2022

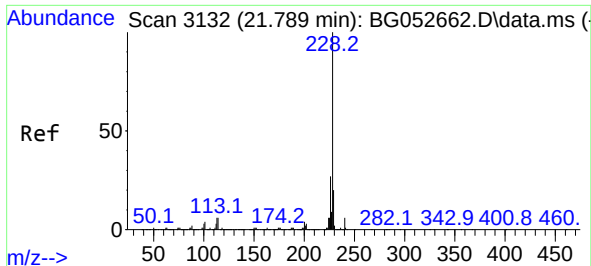


#80
 Butylbenzylphthalate
 Concen: 7.775 ng
 RT: 20.809 min Scan# 2965
 Delta R.T. -0.005 min
 Lab File: BG052679.D
 Acq: 16 Mar 2022 15:54



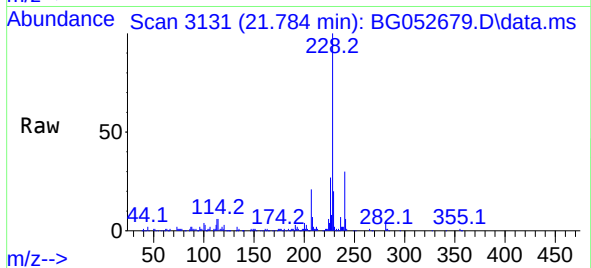
Tgt Ion:149 Resp: 54750
 Ion Ratio Lower Upper
 149 100
 91 76.6 60.2 90.4
 206 24.4 19.4 29.2





#81
Benzo(a)anthracene
Concen: 8.882 ng
RT: 21.784 min Scan# 3132
Delta R.T. -0.005 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54

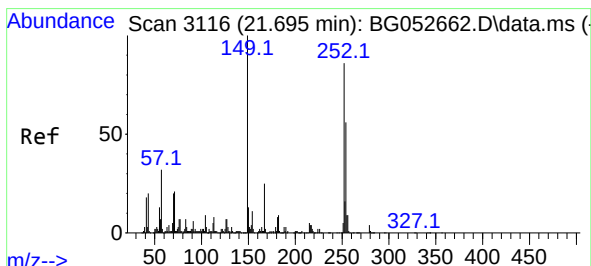
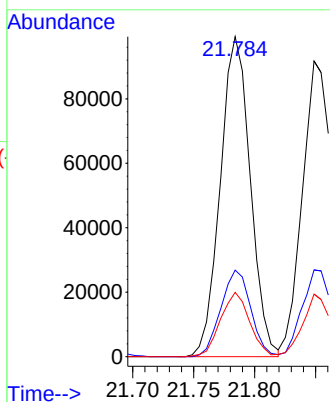
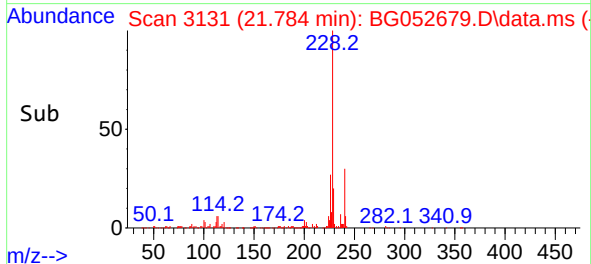
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2022



Tgt Ion:228 Resp: 17022
Ion Ratio Lower Upper
228 100
226 27.0 21.4 32.0
229 20.1 16.7 25.1

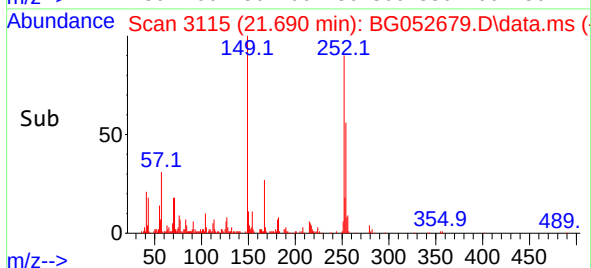
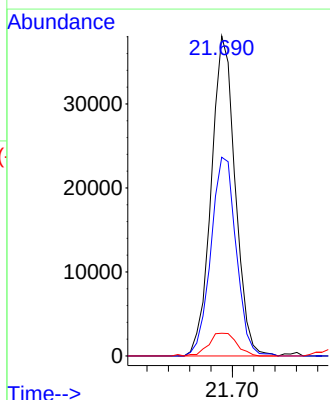
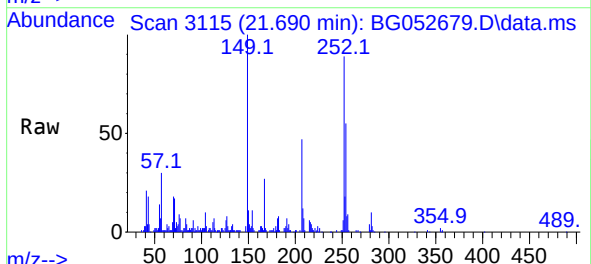
Manual Integrations
APPROVED

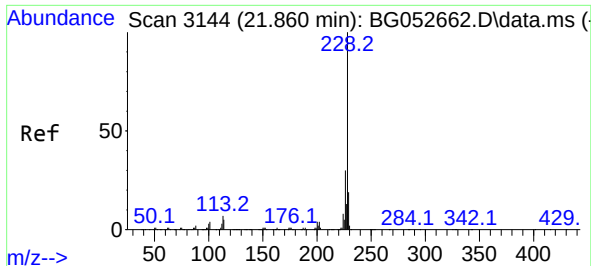
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#82
3,3'-Dichlorobenzidine
Concen: 8.747 ng
RT: 21.690 min Scan# 3115
Delta R.T. -0.005 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54

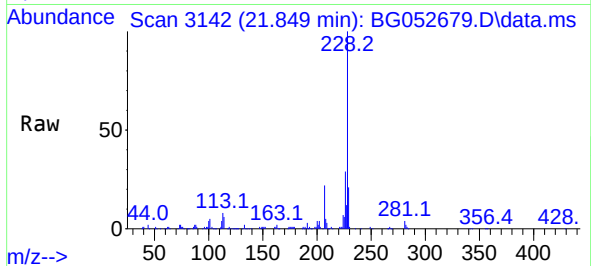
Tgt Ion:252 Resp: 59194
Ion Ratio Lower Upper
252 100
254 62.1 51.2 76.8
126 7.1 5.8 8.8





#83
Chrysene
Concen: 8.788 ng
RT: 21.849 min Scan# 3144
Delta R.T. -0.011 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54

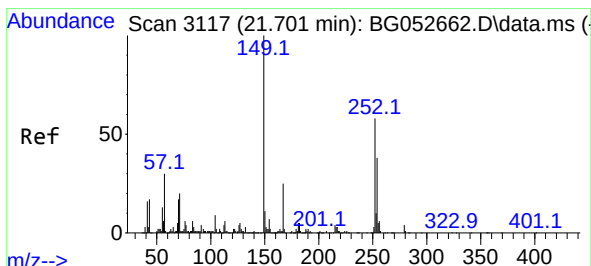
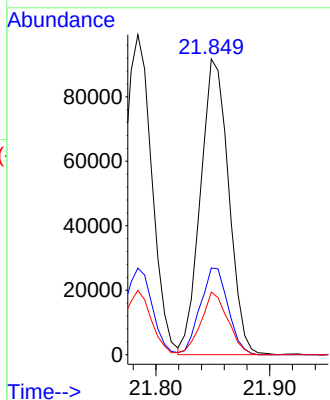
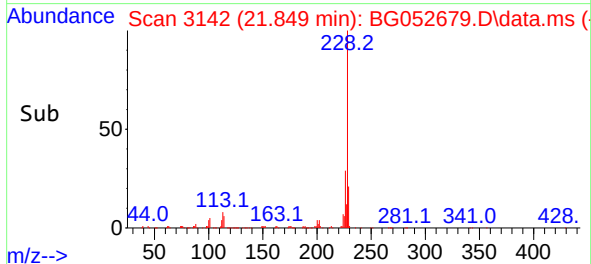
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2022



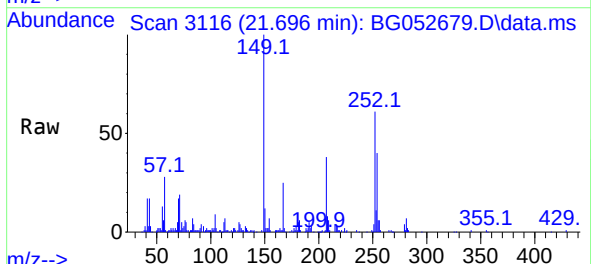
Tgt Ion:228 Resp: 158320
Ion Ratio Lower Upper
228 100
226 29.3 24.2 36.4
229 21.1 16.3 24.5

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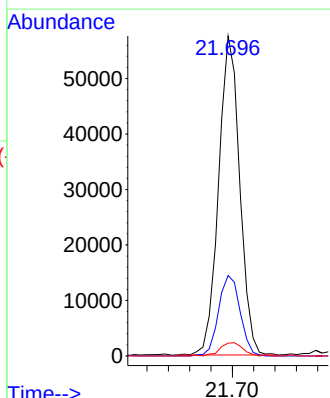
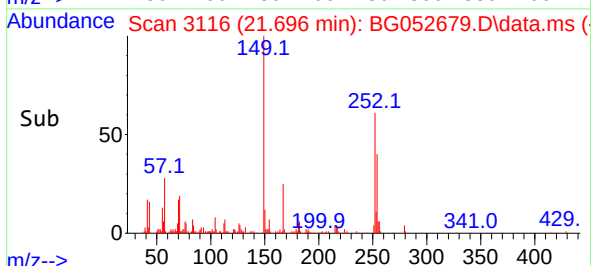
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

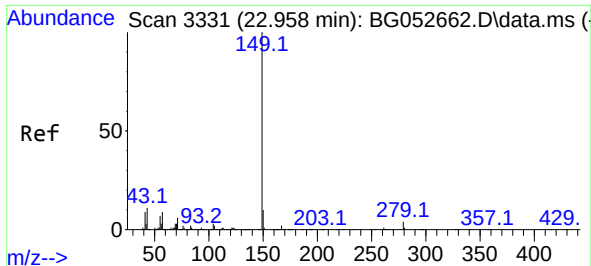


#84
Bis(2-ethylhexyl)phthalate
Concen: 8.226 ng
RT: 21.696 min Scan# 3116
Delta R.T. -0.005 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54



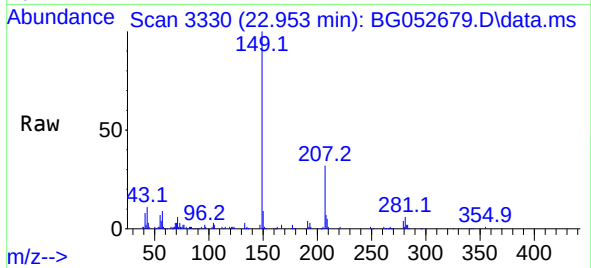
Tgt Ion:149 Resp: 78779
Ion Ratio Lower Upper
149 100
167 25.1 21.4 32.2
279 4.0 3.8 5.8





#85
Di-n-octyl phthalate
Concen: 7.984 ng
RT: 22.953 min Scan# 31
Delta R.T. -0.005 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54

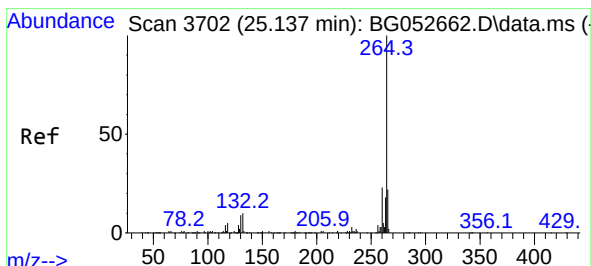
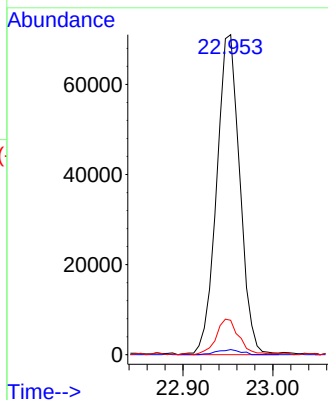
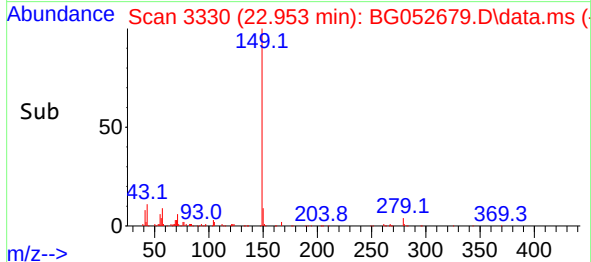
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2022



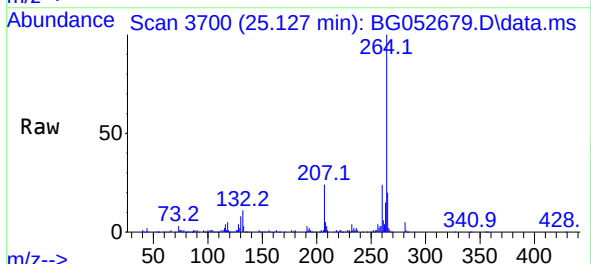
Tgt Ion:149 Resp: 12728
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.2 7.6 11.4

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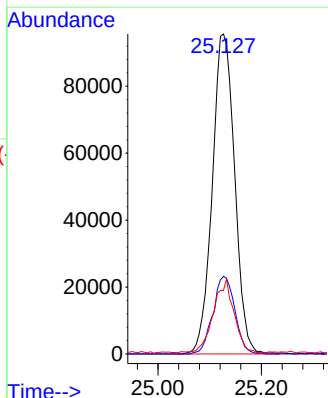
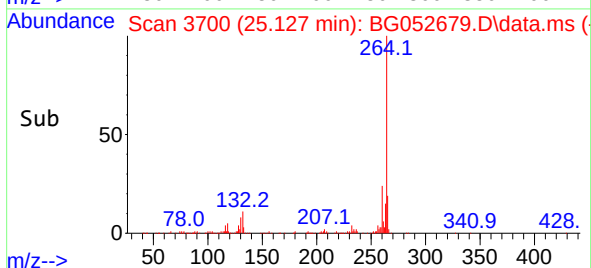
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

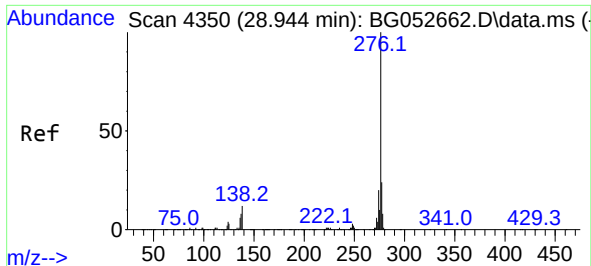


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.127 min Scan# 3700
Delta R.T. -0.011 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54



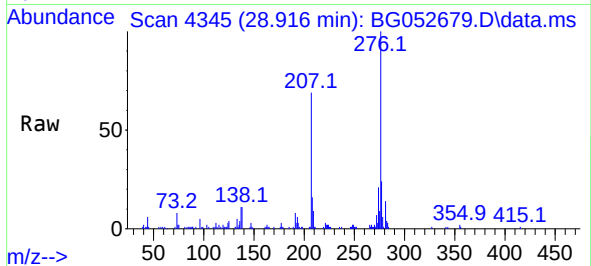
Tgt Ion:264 Resp: 287190
Ion Ratio Lower Upper
264 100
260 24.2 18.2 27.2
265 19.8 15.1 22.7





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 8.646 ng
 RT: 28.916 min Scan# 41
 Delta R.T. -0.029 min
 Lab File: BG052679.D
 Acq: 16 Mar 2022 15:54

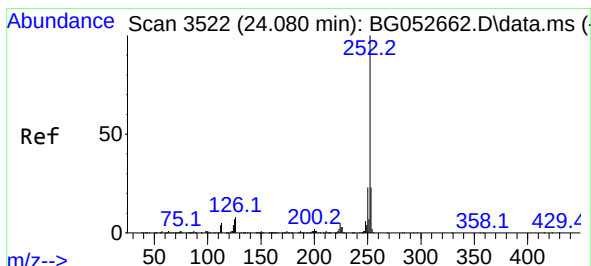
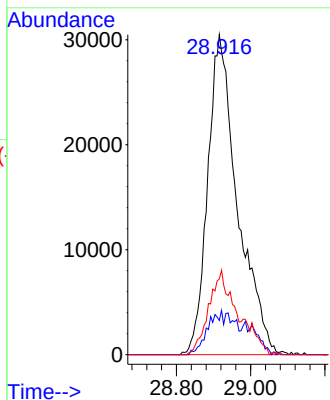
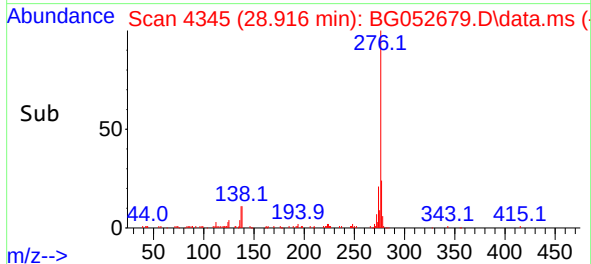
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT1-2022



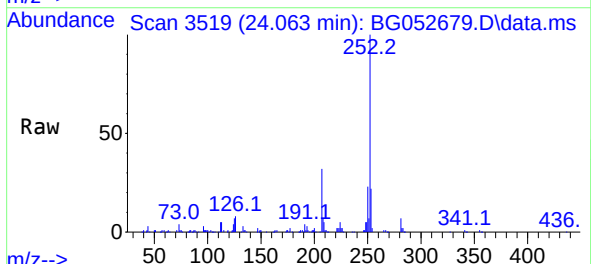
Tgt Ion:276 Resp: 16996
 Ion Ratio Lower Upper
 276 100
 138 5.8 8.7 13.1
 277 20.9 20.2 30.4

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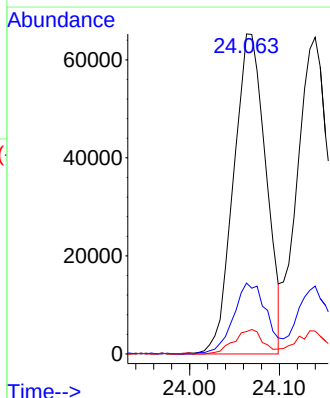
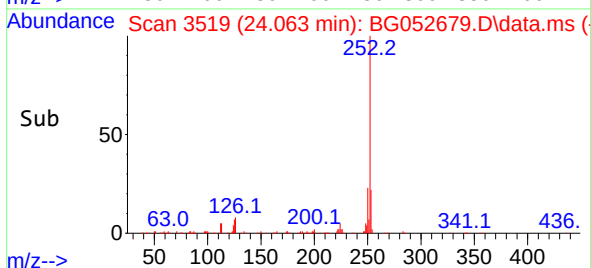
Reviewed By :Christian Giraldo 03/17/2022
 Supervised By :Jagrut Upadhyay 03/17/2022

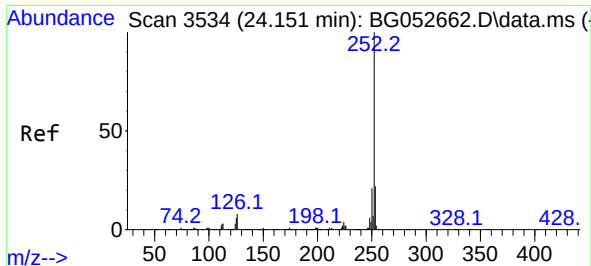


#88
 Benzo(b)fluoranthene
 Concen: 9.146 ng
 RT: 24.063 min Scan# 3519
 Delta R.T. -0.017 min
 Lab File: BG052679.D
 Acq: 16 Mar 2022 15:54



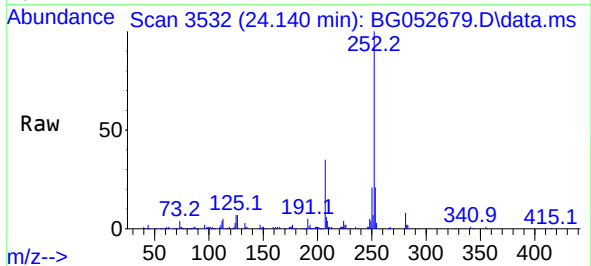
Tgt Ion:252 Resp: 163092
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.2 25.8
 125 7.0 5.2 7.8





#89
Benzo(k)fluoranthene
Concen: 9.332 ng m
RT: 24.140 min Scan# 3
Delta R.T. -0.011 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54

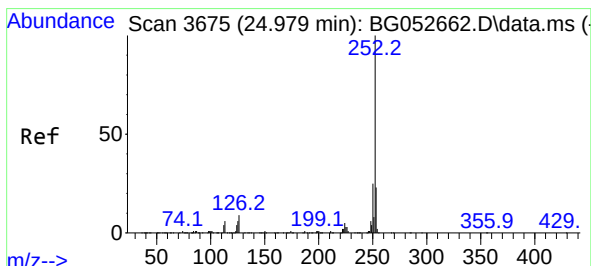
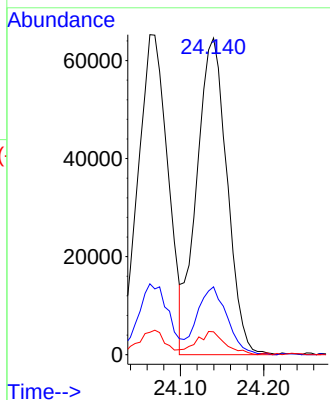
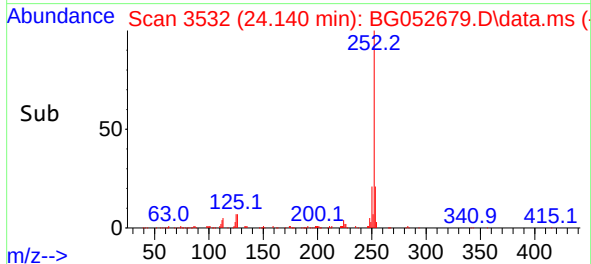
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2022



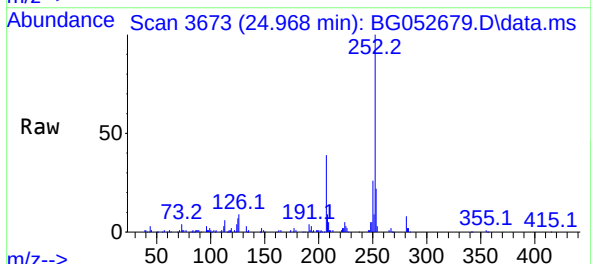
Tgt Ion:252 Resp: 163720
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.0
125 7.2 5.0 7.4

Manual Integrations
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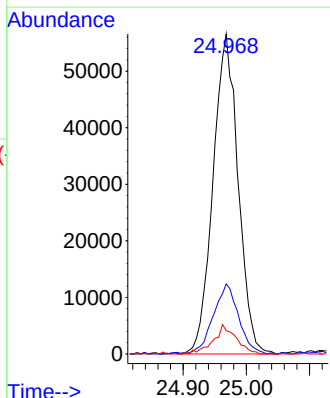
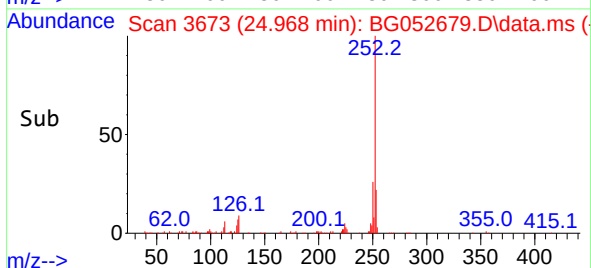
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

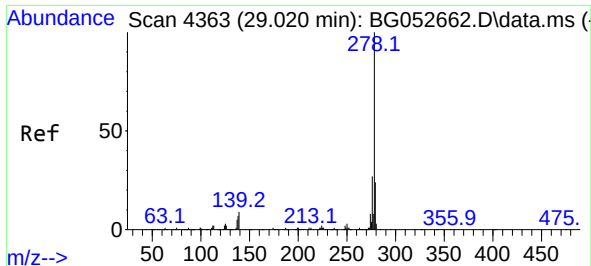


#90
Benzo(a)pyrene
Concen: 10.321 ng
RT: 24.968 min Scan# 3673
Delta R.T. -0.011 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54



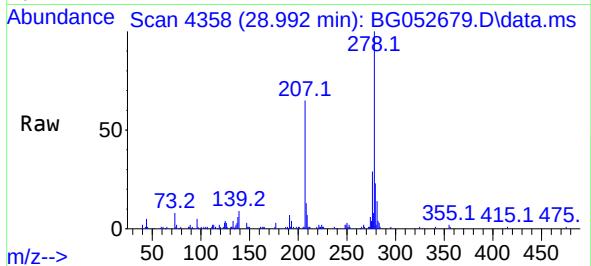
Tgt Ion:252 Resp: 155787
Ion Ratio Lower Upper
252 100
253 21.9 18.4 27.6
125 7.3 5.6 8.4





#91
Dibenzo(a,h)anthracene
Concen: 9.367 ng
RT: 28.992 min Scan# 41
Delta R.T. -0.029 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54

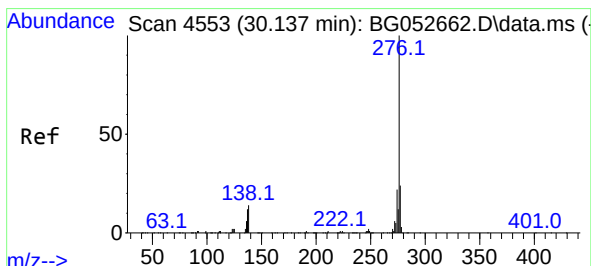
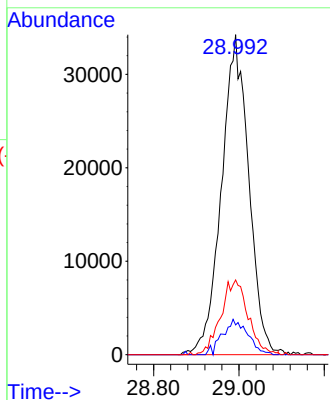
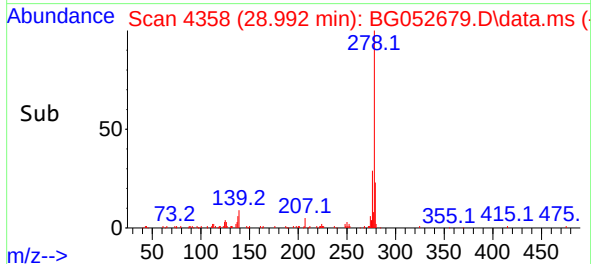
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2022



Tgt Ion:278 Resp: 15172
Ion Ratio Lower Upper
278 100
139 9.3 7.8 11.6
279 23.4 18.5 27.7

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#92
Benzo(g,h,i)perylene
Concen: 9.118 ng
RT: 30.102 min Scan# 4547
Delta R.T. -0.034 min
Lab File: BG052679.D
Acq: 16 Mar 2022 15:54

Tgt Ion:276 Resp: 146125
Ion Ratio Lower Upper
276 100
277 21.5 18.2 27.2
138 15.1 9.1 13.7#

