

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031622\
 Data File : BG052682.D
 Acq On : 16 Mar 2022 17:54
 Operator : CG/JU
 Sample : N1645-08
 Misc : LOQ-WATER 5ppm
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Mar 16 18:38:11 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	46453	20.000	ng	0.00
21) Naphthalene-d8	10.968	136	191050	20.000	ng	# 0.00
39) Acenaphthene-d10	14.775	164	135432	20.000	ng	0.00
64) Phenanthrene-d10	17.513	188	315765	20.000	ng	0.00
76) Chrysene-d12	21.801	240	350024	20.000	ng	-0.01
86) Perylene-d12	25.126	264	356261	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.705	112	264338	99.100	ng	0.00
7) Phenol-d6	7.297	99	381936	94.977	ng	0.00
23) Nitrobenzene-d5	9.312	82	267304	70.223	ng	0.00
42) 2,4,6-Tribromophenol	16.255	330	164670	90.486	ng	0.00
45) 2-Fluorobiphenyl	13.400	172	605647	65.955	ng	0.00
79) Terphenyl-d14	20.121	244	1177708	59.852	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.602	88	6641	4.977	ng	95
3) Pyridine	4.007	79	18470	5.400	ng	# 87
4) n-Nitrosodimethylamine	3.907	42	8015m	5.282	ng	
6) Aniline	7.473	93	29033	6.157	ng	# 93
8) 2-Chlorophenol	7.714	128	16660	5.944	ng	94
9) Benzaldehyde	7.279	77	16087	6.513	ng	84
10) Phenol	7.326	94	21590	5.439	ng	85
11) bis(2-Chloroethyl)ether	7.567	93	16907	5.640	ng	92
12) 1,3-Dichlorobenzene	8.043	146	19809m	5.870	ng	
13) 1,4-Dichlorobenzene	8.190	146	19635	5.791	ng	99
14) 1,2-Dichlorobenzene	8.507	146	19117	5.962	ng	97
15) Benzyl Alcohol	8.384	79	18135	5.356	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.683	45	27930	5.350	ng	97
17) 2-Methylphenol	8.583	107	15380	5.812	ng	95
18) Hexachloroethane	9.253	117	7246	5.825	ng	88
19) n-Nitroso-di-n-propyla...	8.948	70	16214	5.693	ng	# 92
20) 3+4-Methylphenols	8.901	107	19649	5.306	ng	95
22) Acetophenone	8.971	105	22462	4.543	ng	# 97
24) Nitrobenzene	9.353	77	24551	6.446	ng	# 87
25) Isophorone	9.882	82	41818	5.674	ng	# 97
26) 2-Nitrophenol	10.064	139	7065	5.342	ng	95
27) 2,4-Dimethylphenol	10.117	122	16722	6.180	ng	94
28) bis(2-Chloroethoxy)met...	10.358	93	24099	5.530	ng	93
29) 2,4-Dichlorophenol	10.604	162	15534	5.102	ng	92
30) 1,2,4-Trichlorobenzene	10.827	180	20825	5.798	ng	# 87
31) Naphthalene	11.021	128	57554	5.826	ng	97
32) Benzoic acid	10.164	122	3366	1.851	ng	92
33) 4-Chloroaniline	11.115	127	23352	5.577	ng	97
34) Hexachlorobutadiene	11.315	225	14146	5.493	ng	94
35) Caprolactam	11.861	113	3436	4.133	ng	# 88
36) 4-Chloro-3-methylphenol	12.214	107	18343	5.188	ng	92
37) 2-Methylnaphthalene	12.613	142	40576	5.608	ng	93
38) 1-Methylnaphthalene	12.831	142	39824	5.640	ng	96
40) 1,2,4,5-Tetrachloroben...	12.977	216	21011	4.966	ng	97
41) Hexachlorocyclopentadiene	12.960	237	16602	6.620	ng	93
43) 2,4,6-Trichlorophenol	13.201	196	13919	5.137	ng	95

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 Misc : LOQ-WATER 5ppm
 ALS Vial : 14 Sample Multiplier: 1

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

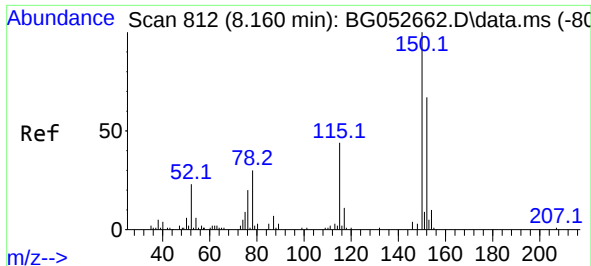
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.277	196	15906	5.783	ng	94
46) 1,1'-Biphenyl	13.612	154	45987	4.855	ng	97
47) 2-Chloronaphthalene	13.653	162	43443	5.824	ng	97
48) 2-Nitroaniline	13.835	65	11164	5.473	ng	86
49) Acenaphthylene	14.493	152	71338	6.000	ng	99
50) Dimethylphthalate	14.217	163	52338	5.200	ng	100
51) 2,6-Dinitrotoluene	14.329	165	9711	5.714	ng	# 88
52) Acenaphthene	14.840	154	42798	5.619	ng	97
53) 3-Nitroaniline	14.658	138	10882	5.472	ng	# 90
54) 2,4-Dinitrophenol	14.863	184	4678	5.050	ng	# 80
55) Dibenzofuran	15.169	168	69604	5.596	ng	99
56) 4-Nitrophenol	14.940	139	8191	5.050	ng	94
57) 2,4-Dinitrotoluene	15.110	165	12209	5.178	ng	93
58) Fluorene	15.815	166	57256	5.647	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.386	232	14406	4.901	ng	# 97
60) Diethylphthalate	15.580	149	56157	5.285	ng	99
61) 4-Chlorophenyl-phenyle...	15.809	204	30650	5.481	ng	92
62) 4-Nitroaniline	15.809	138	11717	5.576	ng	89
63) Azobenzene	16.097	77	59788	5.265	ng	96
65) 4,6-Dinitro-2-methylph...	15.879	198	7383	5.245	ng	83
66) n-Nitrosodiphenylamine	16.015	169	49527	5.571	ng	95
67) 4-Bromophenyl-phenylether	16.702	248	19699	5.174	ng	99
68) Hexachlorobenzene	16.825	284	22987	5.618	ng	92
69) Atrazine	16.960	200	15416	4.703	ng	94
70) Pentachlorophenol	17.160	266	12381	4.877	ng	96
71) Phenanthrene	17.554	178	96426	5.708	ng	98
72) Anthracene	17.648	178	99245	5.943	ng	97
73) Carbazole	17.906	167	89514	5.412	ng	98
74) Di-n-butylphthalate	18.470	149	100564	5.566	ng	98
75) Fluoranthene	19.563	202	126115	5.881	ng	97
77) Benzidine	19.727	184	52799	5.848	ng	100
78) Pyrene	19.921	202	129890	5.350	ng	95
80) Butylbenzylphthalate	20.808	149	41531	4.822	ng	98
81) Benzo(a)anthracene	21.783	228	132214	5.641	ng	98
82) 3,3'-Dichlorobenzidine	21.689	252	36145	4.367	ng	98
83) Chrysene	21.854	228	122418	5.556	ng	96
84) Bis(2-ethylhexyl)phtha...	21.695	149	63062	5.384	ng	99
85) Di-n-octyl phthalate	22.946	149	97027	4.976	ng	# 94
87) Indeno(1,2,3-cd)pyrene	28.915	276	132753	5.444	ng	# 83
88) Benzo(b)fluoranthene	24.062	252	126468	5.717	ng	99
89) Benzo(k)fluoranthene	24.133	252	122461	5.627	ng	99
90) Benzo(a)pyrene	24.961	252	120387	6.429	ng	98
91) Dibenzo(a,h)anthracene	28.985	278	116686	5.807	ng	98
92) Benzo(g,h,i)perylene	30.101	276	113104	5.689	ng	# 97

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



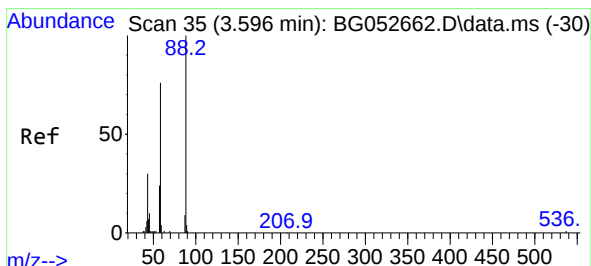
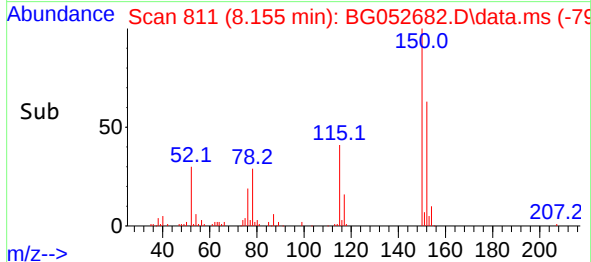
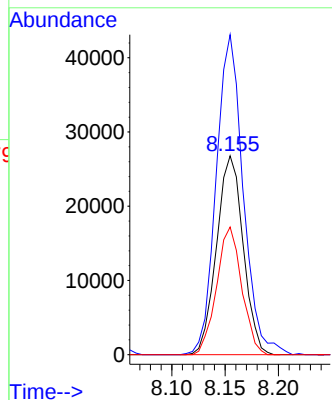
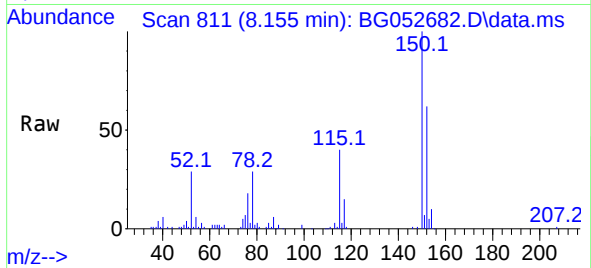
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.155 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG052682.D
Acq: 16 Mar 2022 17:54

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

Tgt Ion:152 Resp: 4645
Ion Ratio Lower Upper
152 100
150 160.9 114.6 172.0
115 64.2 45.9 68.9

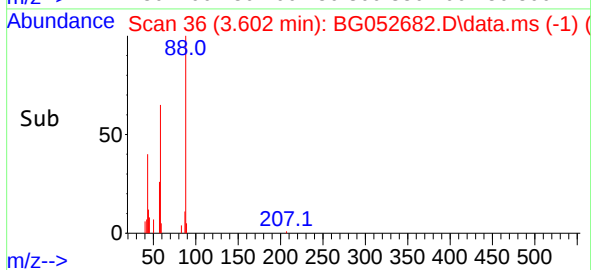
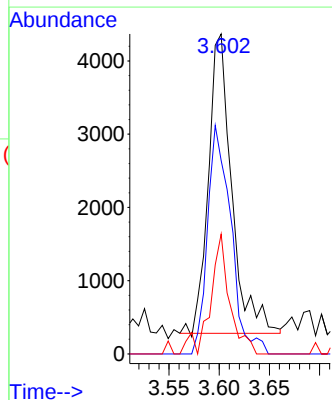
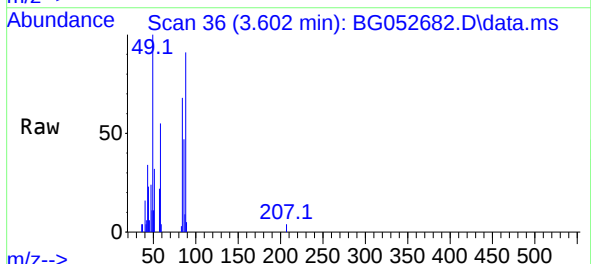
Manual Integrations
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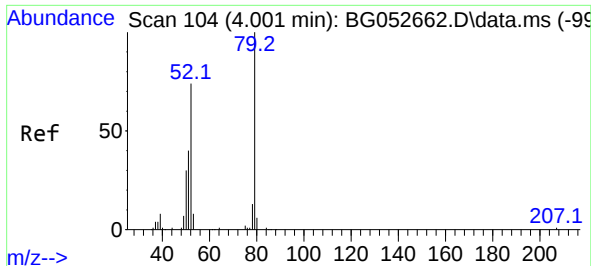
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#2
1,4-Dioxane
Concen: 4.977 ng
RT: 3.602 min Scan# 36
Delta R.T. 0.006 min
Lab File: BG052682.D
Acq: 16 Mar 2022 17:54

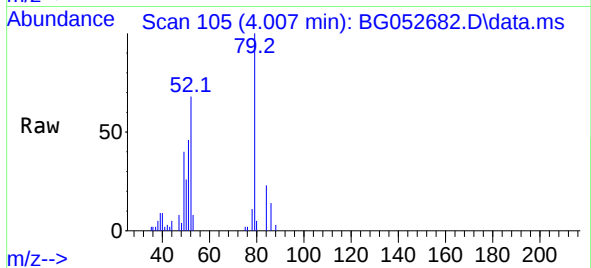
Tgt Ion: 88 Resp: 6641
Ion Ratio Lower Upper
88 100
58 75.9 58.2 87.2
43 33.2 23.4 35.0





#3
Pyridine
Concen: 5.400 ng
RT: 4.007 min Scan# 104
Delta R.T. 0.006 min
Lab File: BG052682.D
Acq: 16 Mar 2022 17:54

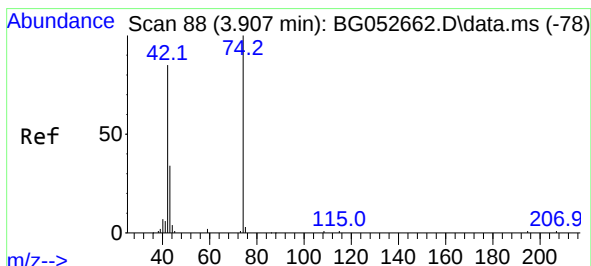
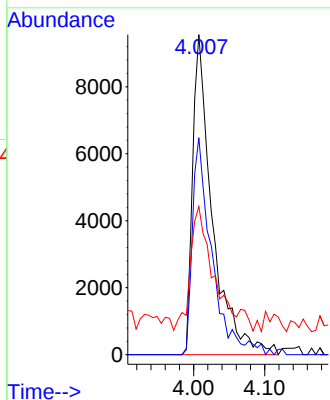
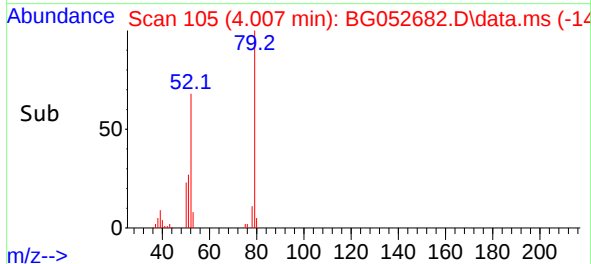
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BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2022



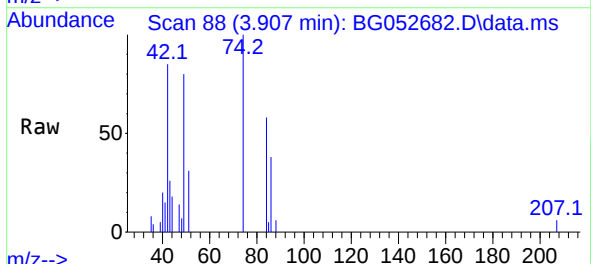
Tgt Ion: 79 Resp: 18470
Ion Ratio Lower Upper
79 100
52 67.8 50.9 76.3
51 46.3 24.4 36.6

Manual Integrations
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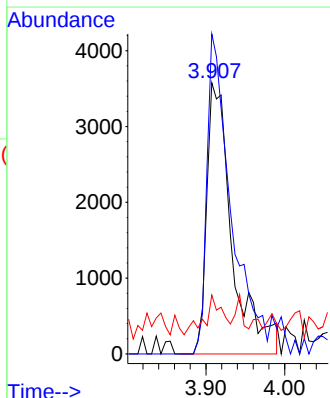
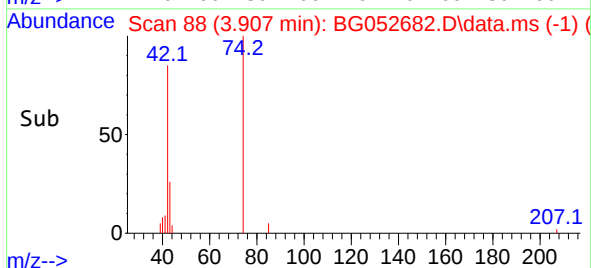
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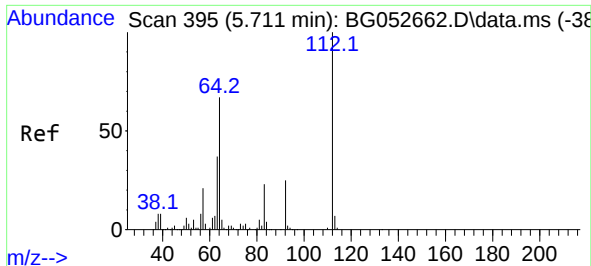


#4
n-Nitrosodimethylamine
Concen: 5.282 ng m
RT: 3.907 min Scan# 88
Delta R.T. 0.000 min
Lab File: BG052682.D
Acq: 16 Mar 2022 17:54



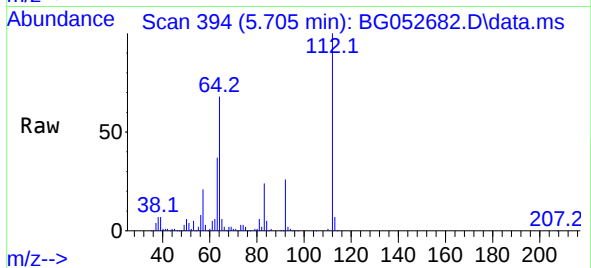
Tgt Ion: 42 Resp: 8015
Ion Ratio Lower Upper
42 100
74 118.0 108.9 163.3
44 21.7 5.7 8.5





#5
2-Fluorophenol
Concen: 99.100 ng
RT: 5.705 min Scan# 395
Delta R.T. -0.006 min
Lab File: BG052682.D
Acq: 16 Mar 2022 17:54

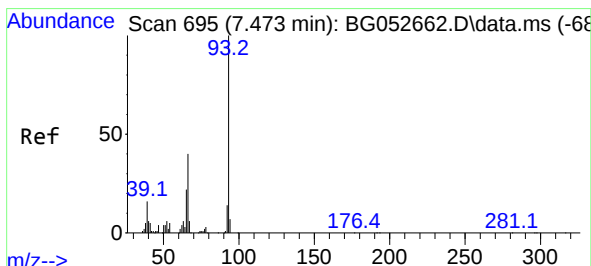
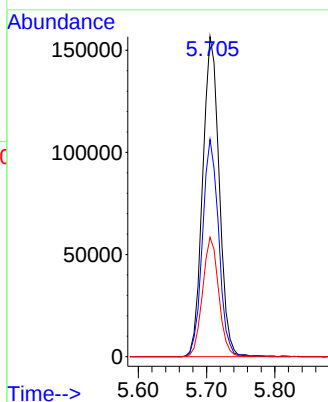
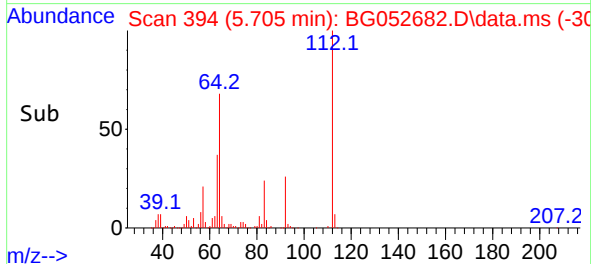
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2022



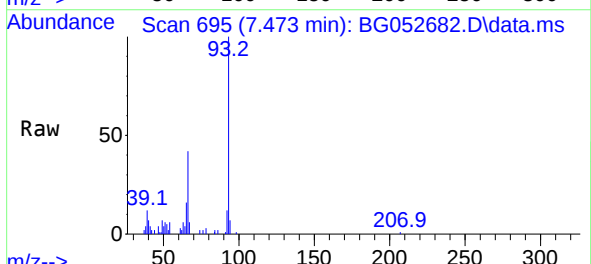
Tgt Ion:112 Resp: 264338
Ion Ratio Lower Upper
112 100
64 67.9 48.0 72.0
63 37.3 26.5 39.7

Manual Integrations
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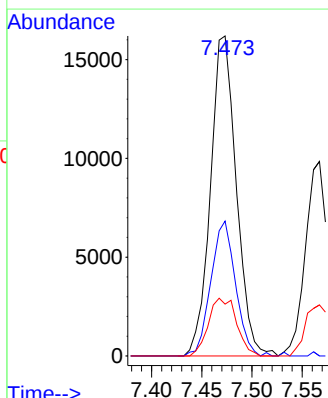
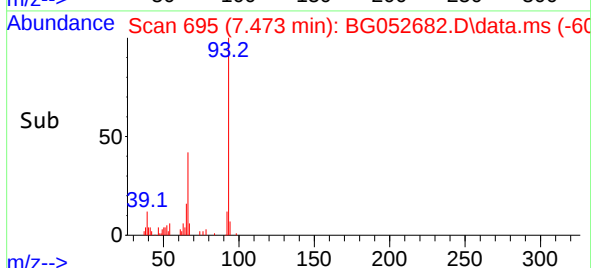
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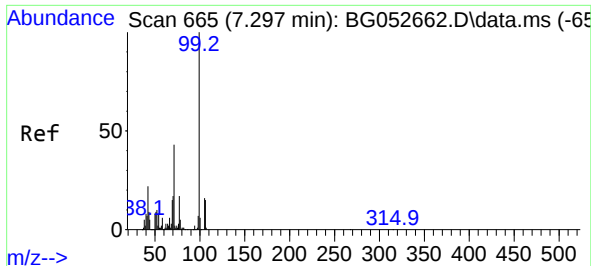


#6
Aniline
Concen: 6.157 ng
RT: 7.473 min Scan# 695
Delta R.T. -0.000 min
Lab File: BG052682.D
Acq: 16 Mar 2022 17:54



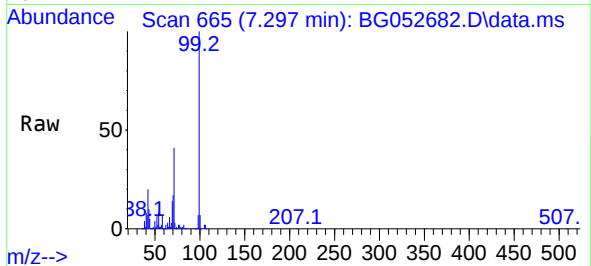
Tgt Ion: 93 Resp: 29033
Ion Ratio Lower Upper
93 100
66 42.2 31.3 46.9
65 16.2 16.7 25.1#





#7
Phenol-d6
Concen: 94.977 ng
RT: 7.297 min Scan# 60
Delta R.T. -0.000 min
Lab File: BG052682.D
Acq: 16 Mar 2022 17:54

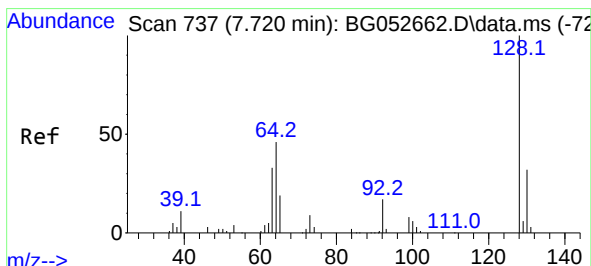
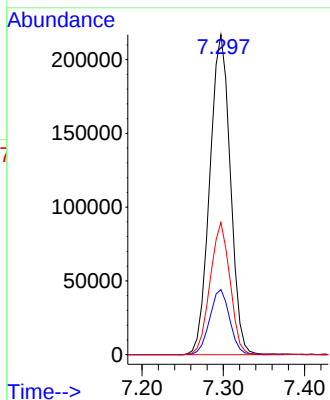
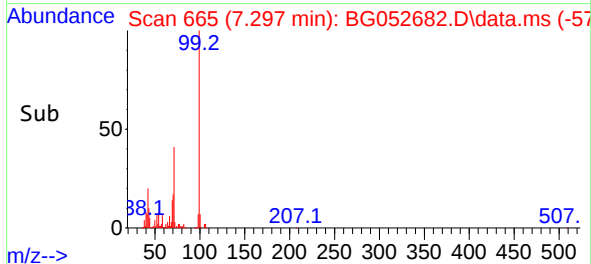
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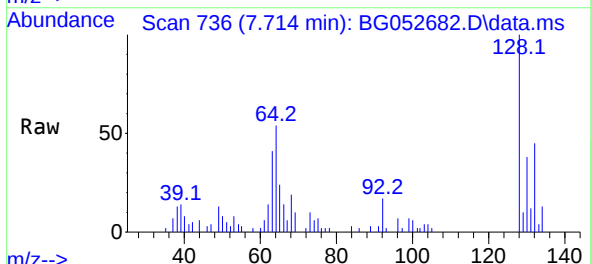
Tgt Ion: 99 Resp: 381930
Ion Ratio Lower Upper
99 100
42 20.4 14.7 22.1
71 41.3 29.2 43.8

Manual Integrations
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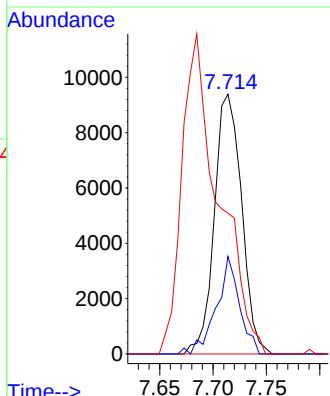
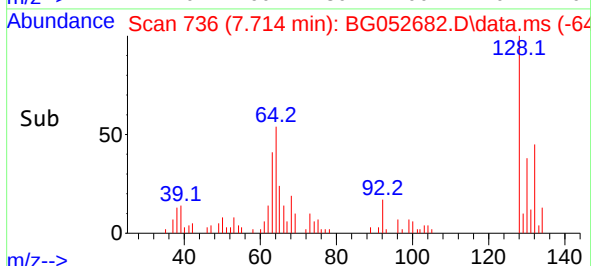
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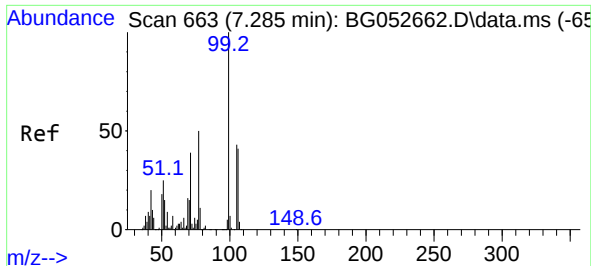


#8
2-Chlorophenol
Concen: 5.944 ng
RT: 7.714 min Scan# 736
Delta R.T. -0.006 min
Lab File: BG052682.D
Acq: 16 Mar 2022 17:54



Tgt Ion:128 Resp: 16660
Ion Ratio Lower Upper
128 100
130 37.5 13.4 53.4
64 54.2 30.9 70.9





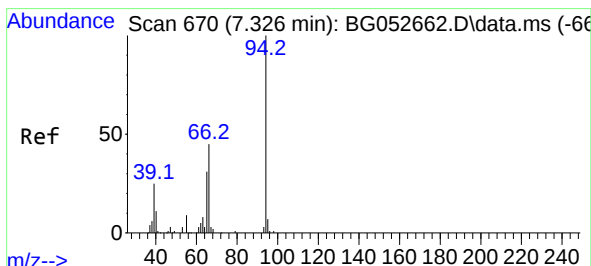
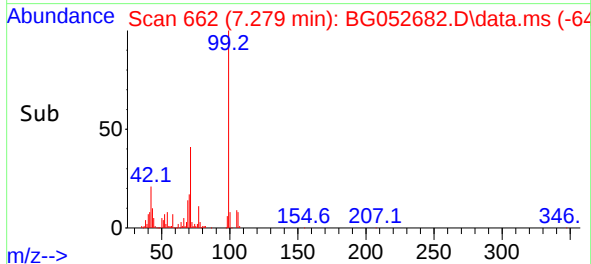
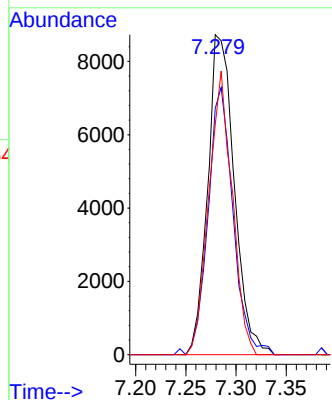
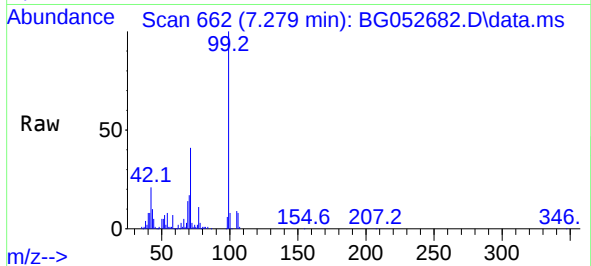
#9
Benzaldehyde
Concen: 6.513 ng
RT: 7.279 min Scan# 60
Delta R.T. -0.006 min
Lab File: BG052682.D
Acq: 16 Mar 2022 17:54

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

Tgt Ion: 77 Resp: 1608
Ion Ratio Lower Upper
77 100
105 77.0 70.6 110.6
106 71.9 67.6 107.6

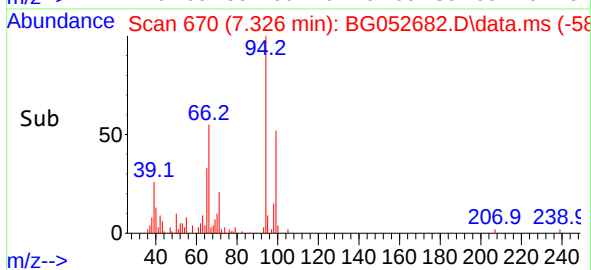
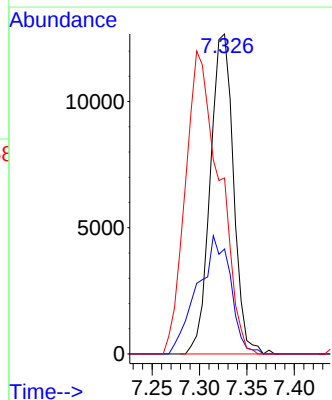
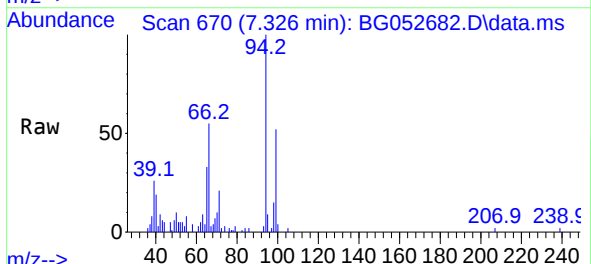
Manual Integrations
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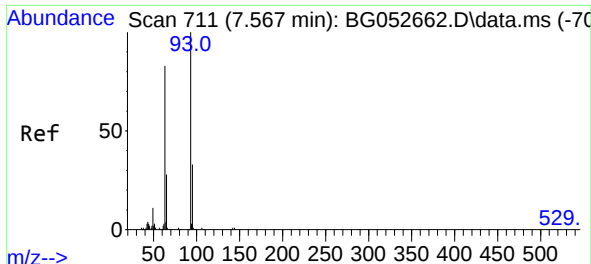
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#10
Phenol
Concen: 5.439 ng
RT: 7.326 min Scan# 670
Delta R.T. 0.000 min
Lab File: BG052682.D
Acq: 16 Mar 2022 17:54

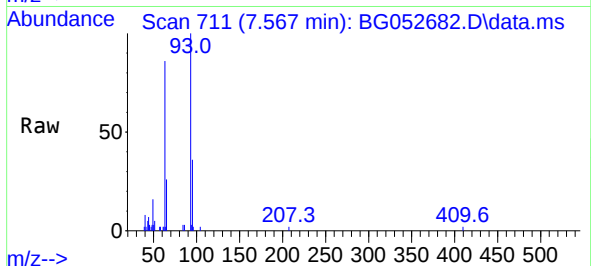
Tgt Ion: 94 Resp: 21590
Ion Ratio Lower Upper
94 100
65 32.8 11.1 51.1
66 55.0 20.0 60.0





#11
bis(2-Chloroethyl)ether
Concen: 5.640 ng
RT: 7.567 min Scan# 711
Delta R.T. 0.000 min
Lab File: BG052682.D
Acq: 16 Mar 2022 17:54

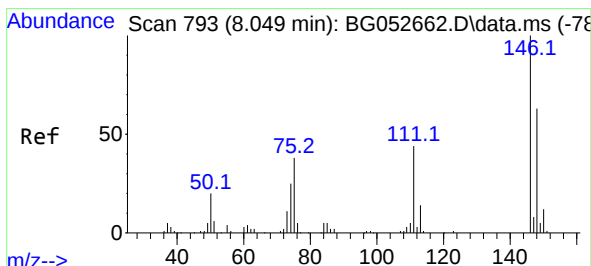
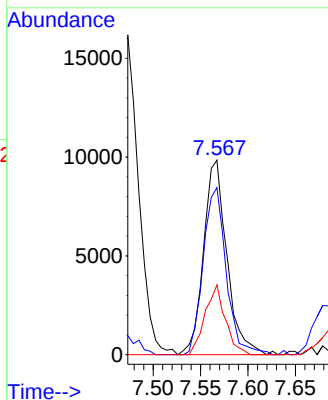
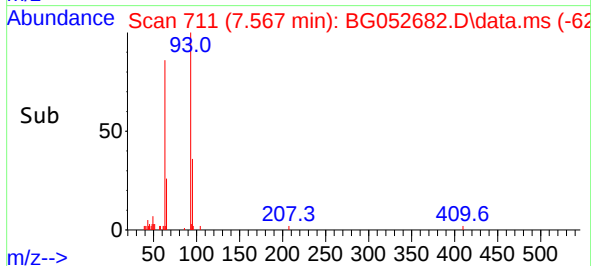
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2022



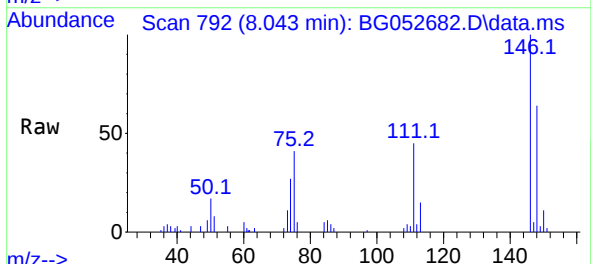
Tgt Ion: 93 Resp: 1690
Ion Ratio Lower Upper
93 100
63 85.9 56.9 96.9
95 35.8 14.5 54.5

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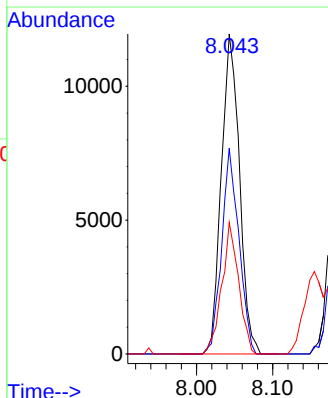
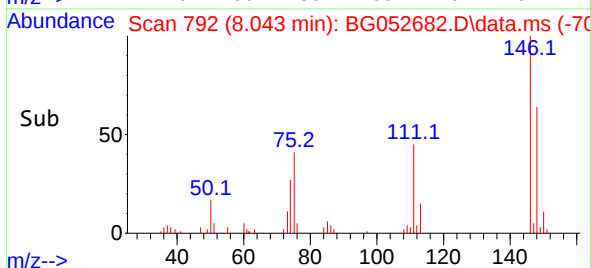
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

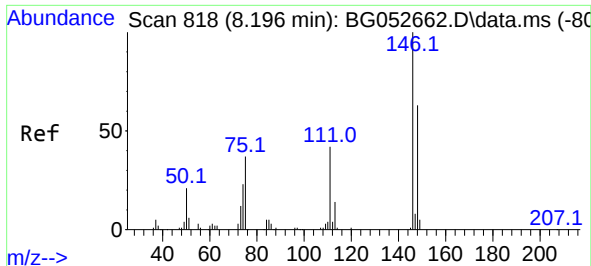


#12
1,3-Dichlorobenzene
Concen: 5.870 ng m
RT: 8.043 min Scan# 792
Delta R.T. -0.006 min
Lab File: BG052682.D
Acq: 16 Mar 2022 17:54



Tgt Ion:146 Resp: 19809
Ion Ratio Lower Upper
146 100
148 64.2 50.6 76.0
75 41.1 25.9 38.9#





#13

1,4-Dichlorobenzene

Concen: 5.791 ng

RT: 8.190 min Scan# 81

Delta R.T. -0.006 min

Lab File: BG052682.D

Acq: 16 Mar 2022 17:54

Instrument :

BNA_G

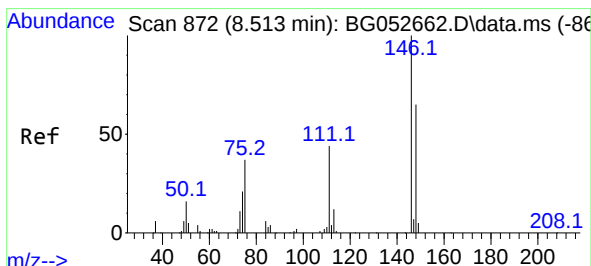
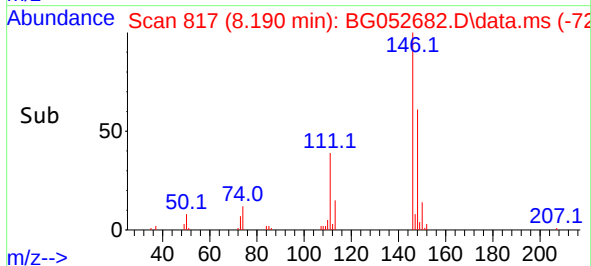
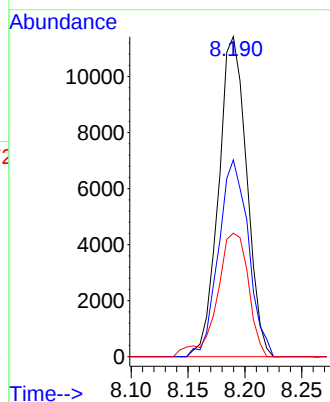
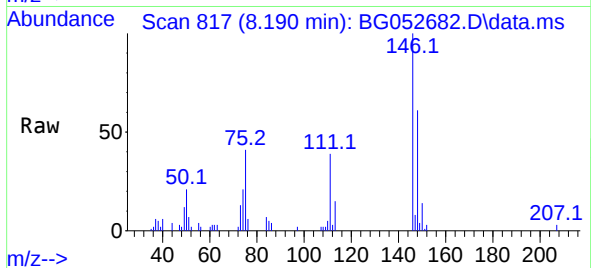
ClientSampleId :

LOQ-WATER-02-QT1-2022

Tgt Ion:146	Resp:	1963
Ion Ratio	Lower	Upper
146	100	
148	61.5	50.0 75.0
111	38.6	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: 5.962 ng

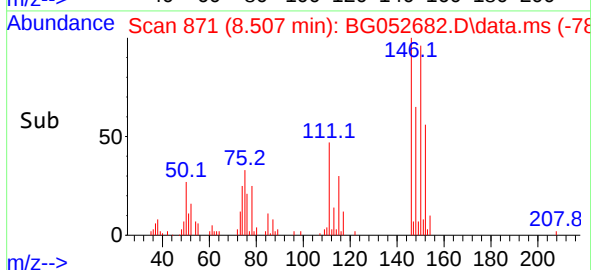
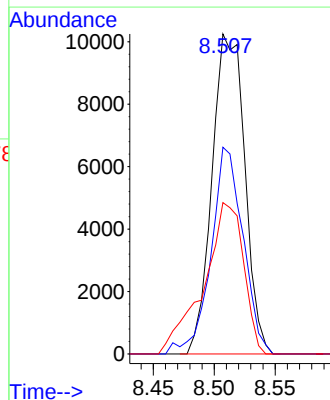
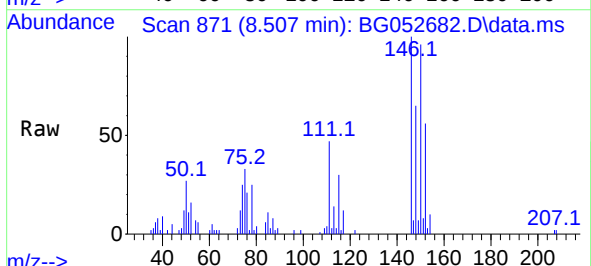
RT: 8.507 min Scan# 871

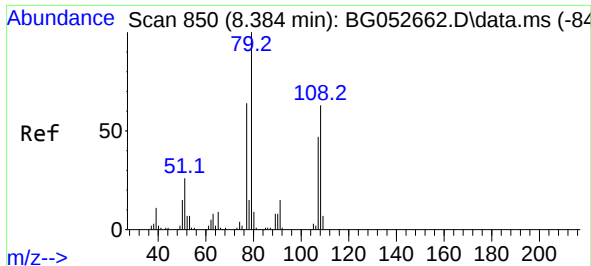
Delta R.T. -0.006 min

Lab File: BG052682.D

Acq: 16 Mar 2022 17:54

Tgt Ion:146	Resp:	19117
Ion Ratio	Lower	Upper
146	100	
148	64.6	51.0 76.6
111	47.3	34.7 52.1





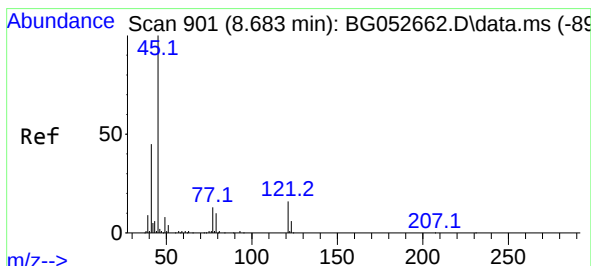
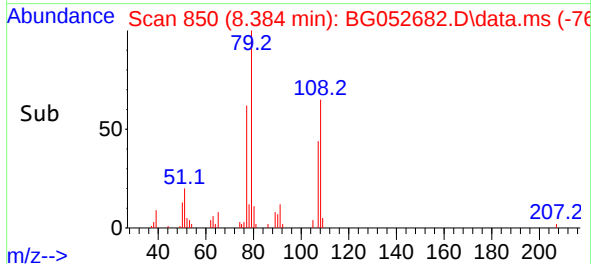
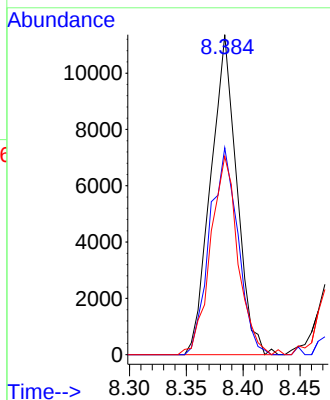
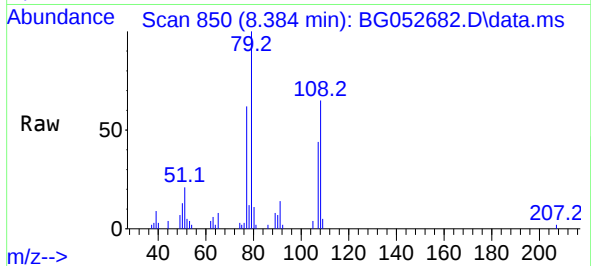
#15
Benzyl Alcohol
Concen: 5.356 ng
RT: 8.384 min Scan# 850
Delta R.T. -0.000 min
Lab File: BG052682.D
Acq: 16 Mar 2022 17:54

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

Tgt Ion: 79 Resp: 1813
Ion Ratio Lower Upper
79 100
108 64.7 55.1 82.7
77 61.9 52.4 78.6

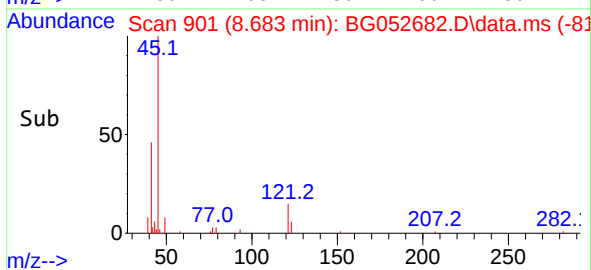
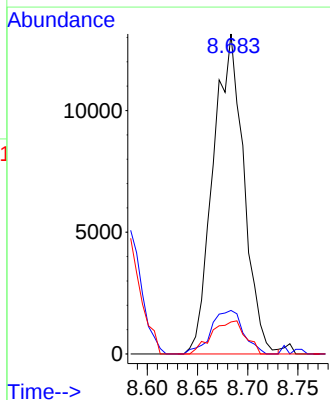
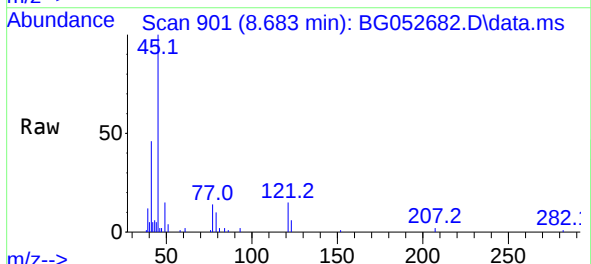
Manual Integrations
APPROVED

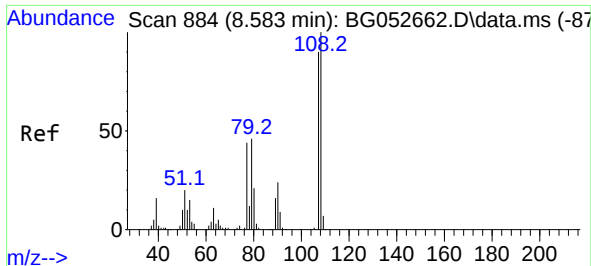
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.350 ng
RT: 8.683 min Scan# 901
Delta R.T. 0.000 min
Lab File: BG052682.D
Acq: 16 Mar 2022 17:54

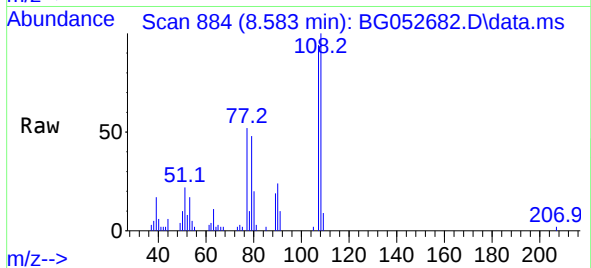
Tgt Ion: 45 Resp: 27930
Ion Ratio Lower Upper
45 100
77 13.6 0.0 34.9
79 10.0 0.0 30.7





#17
2-Methylphenol
Concen: 5.812 ng
RT: 8.583 min Scan# 884
Delta R.T. 0.000 min
Lab File: BG052682.D
Acq: 16 Mar 2022 17:54

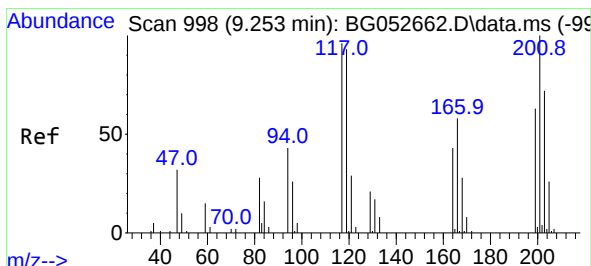
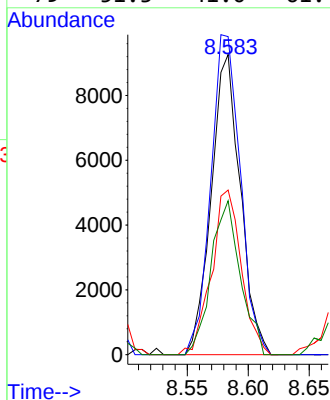
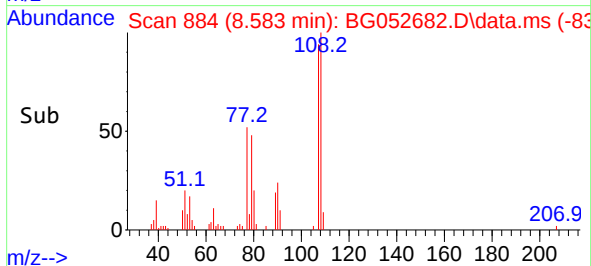
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2022



Tgt Ion:107 Resp: 15380
Ion Ratio Lower Upper
107 100
108 106.0 91.5 137.3
77 54.8 42.5 63.7
79 51.3 41.0 61.4

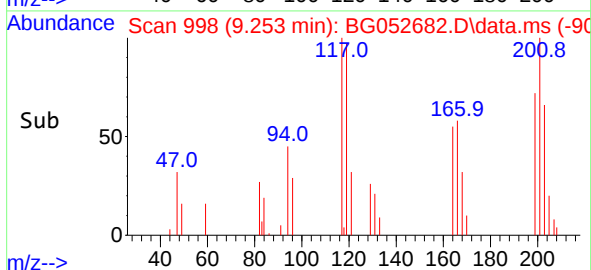
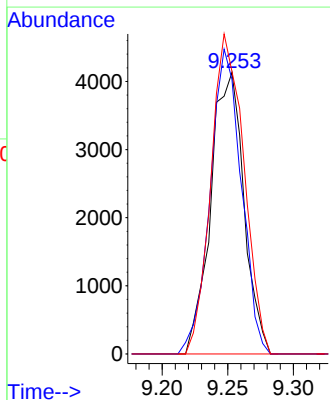
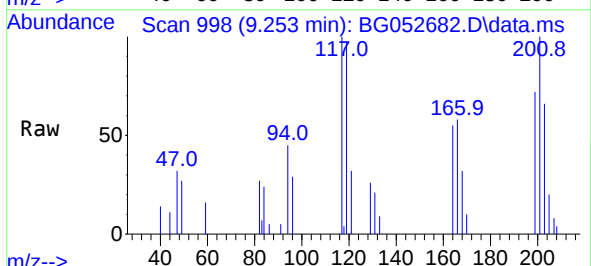
Manual Integrations
APPROVED

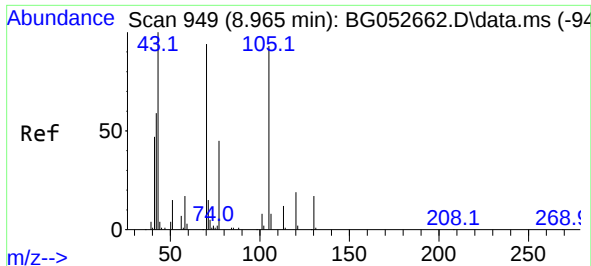
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#18
Hexachloroethane
Concen: 5.825 ng
RT: 9.253 min Scan# 998
Delta R.T. 0.000 min
Lab File: BG052682.D
Acq: 16 Mar 2022 17:54

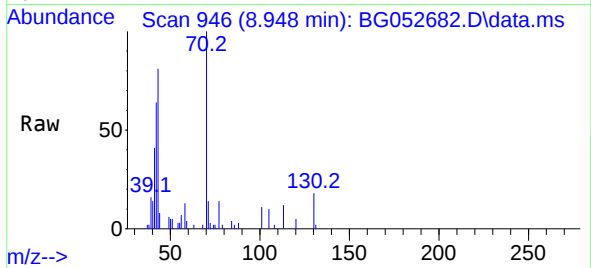
Tgt Ion:117 Resp: 7246
Ion Ratio Lower Upper
117 100
119 97.6 75.1 112.7
201 100.3 96.6 145.0





#19
n-Nitroso-di-n-propylamine
Concen: 5.693 ng
RT: 8.948 min Scan# 946
Delta R.T. -0.018 min
Lab File: BG052682.D
Acq: 16 Mar 2022 17:54

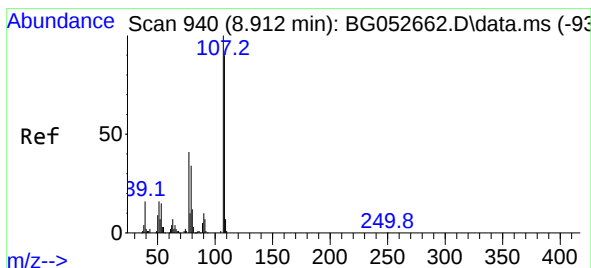
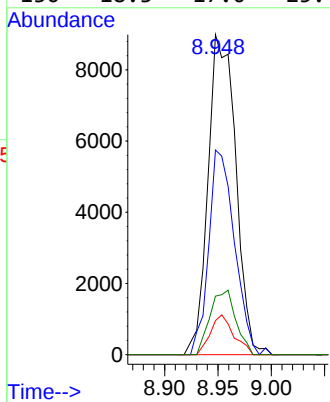
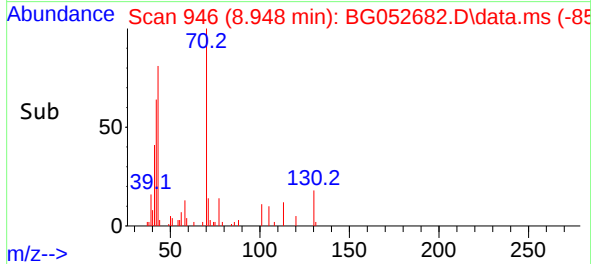
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2022



Tgt Ion: 70 Resp: 16214
Ion Ratio Lower Upper
70 100
42 64.0 46.0 69.0
101 10.6 6.2 9.4
130 18.3 17.0 25.4

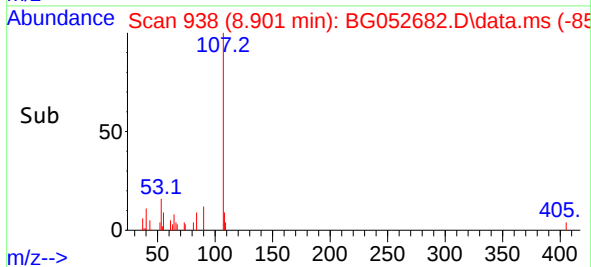
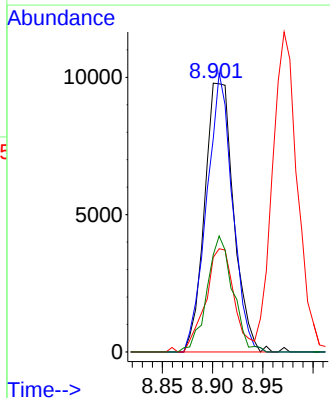
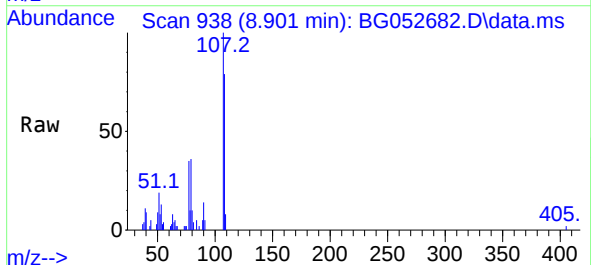
Manual Integrations
APPROVED

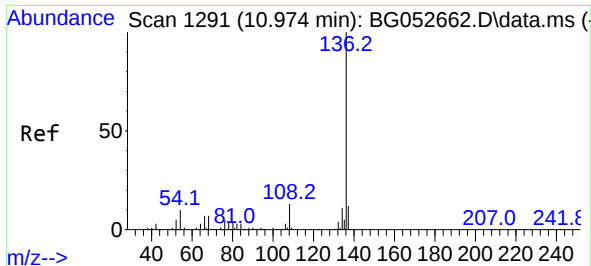
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#20
3+4-Methylphenols
Concen: 5.306 ng
RT: 8.901 min Scan# 938
Delta R.T. -0.012 min
Lab File: BG052682.D
Acq: 16 Mar 2022 17:54

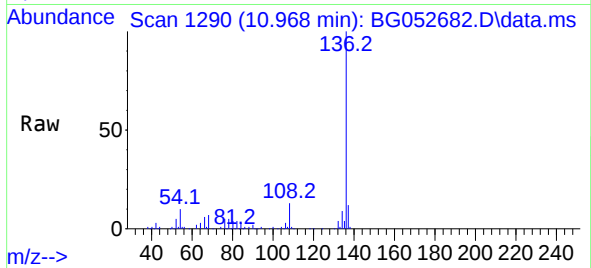
Tgt Ion:107 Resp: 19649
Ion Ratio Lower Upper
107 100
108 79.3 64.8 104.8
77 35.2 15.9 55.9
79 36.1 11.5 51.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.968 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG052682.D
Acq: 16 Mar 2022 17:54

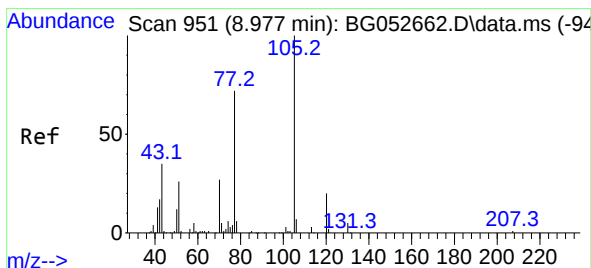
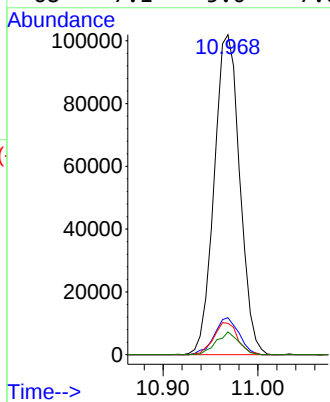
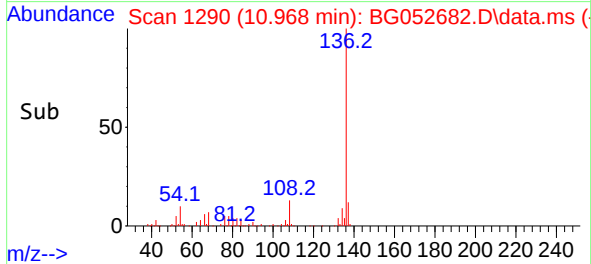
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2022



Tgt Ion:136 Resp: 191050
Ion Ratio Lower Upper
136 100
137 11.5 9.4 14.2
54 9.8 6.4 9.6
68 7.1 5.0 7.6

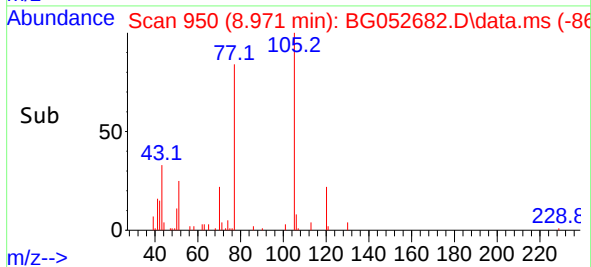
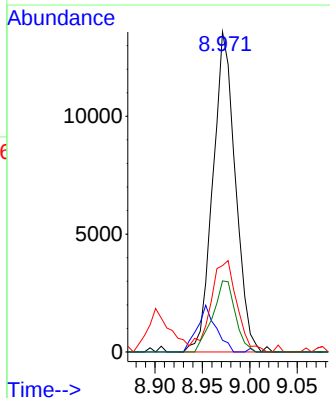
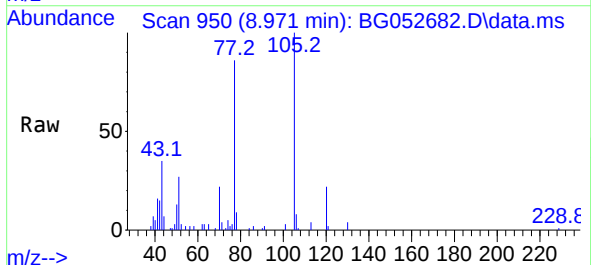
Manual Integrations
APPROVED

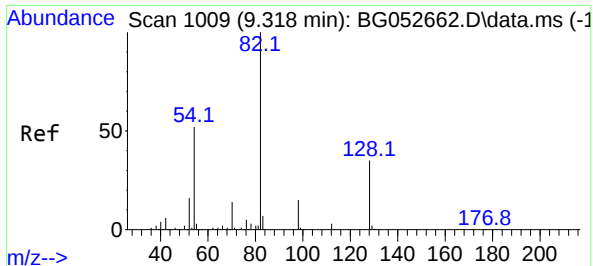
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#22
Acetophenone
Concen: 4.543 ng
RT: 8.971 min Scan# 950
Delta R.T. -0.006 min
Lab File: BG052682.D
Acq: 16 Mar 2022 17:54

Tgt Ion:105 Resp: 22462
Ion Ratio Lower Upper
105 100
71 3.6 2.1 3.1#
51 27.0 21.9 32.9
120 22.2 15.3 22.9





#23

Nitrobenzene-d5

Concen: 70.223 ng

RT: 9.312 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BG052682.D

Acq: 16 Mar 2022 17:54

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2022

Tgt Ion: 82 Resp: 267304

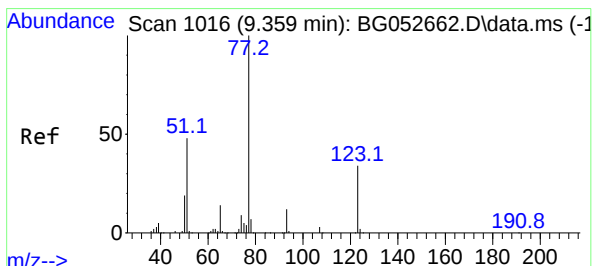
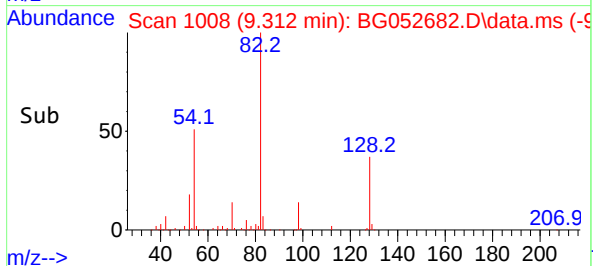
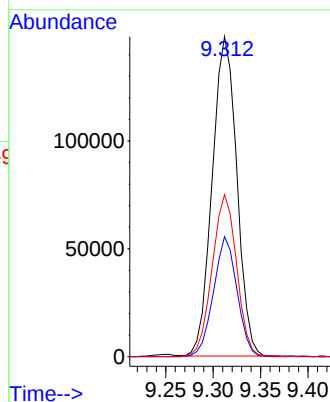
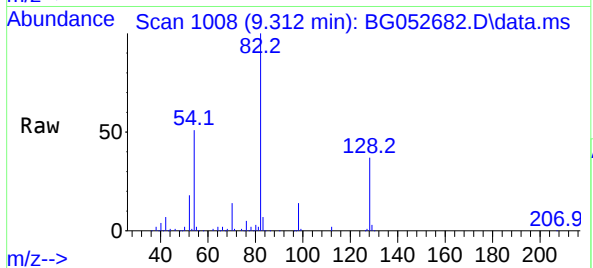
Ion	Ratio	Lower	Upper
82	100		
128	37.5	31.3	46.9
54	50.6	37.8	56.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/17/2022

Supervised By :Jagrut Upadhyay 03/17/2022



#24

Nitrobenzene

Concen: 6.446 ng

RT: 9.353 min Scan# 1015

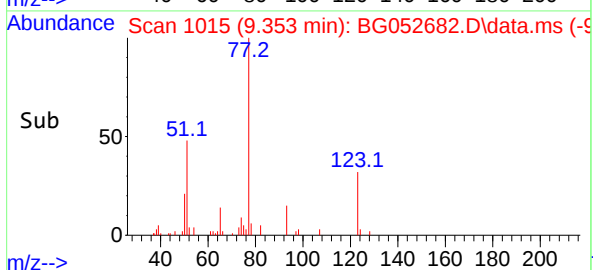
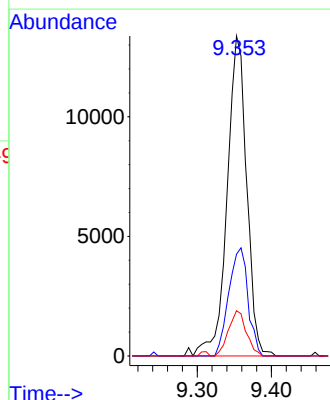
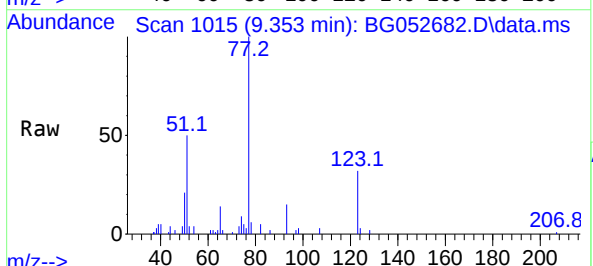
Delta R.T. -0.006 min

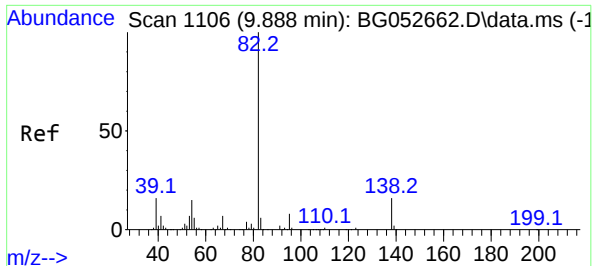
Lab File: BG052682.D

Acq: 16 Mar 2022 17:54

Tgt Ion: 77 Resp: 24551

Ion	Ratio	Lower	Upper
77	100		
123	31.8	34.4	51.6#
65	14.2	11.2	16.8





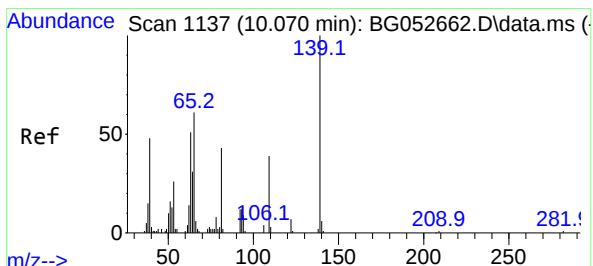
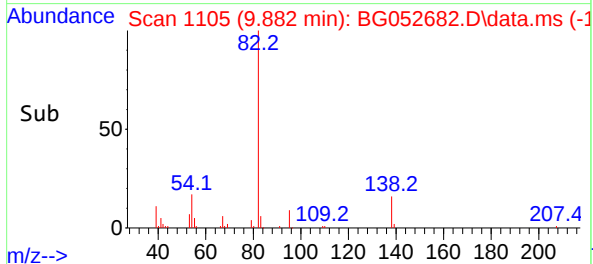
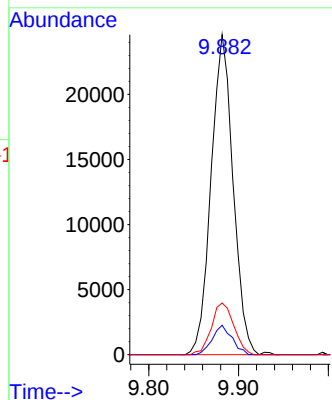
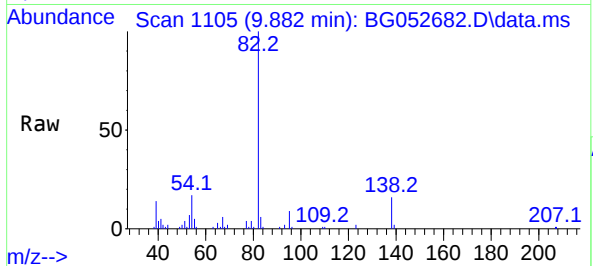
#25
Isophorone
Concen: 5.674 ng
RT: 9.882 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BG052682.D
Acq: 16 Mar 2022 17:54

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

Tgt Ion: 82 Resp: 41818
Ion Ratio Lower Upper
82 100
95 9.2 5.8 8.6
138 16.2 12.6 18.8

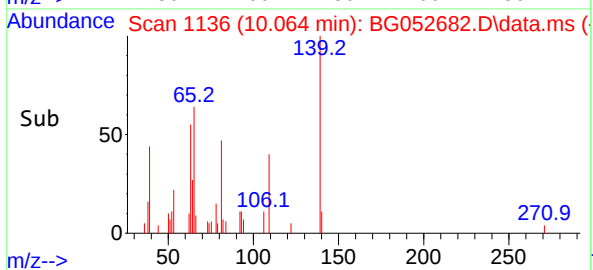
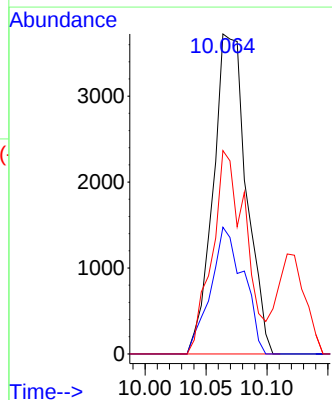
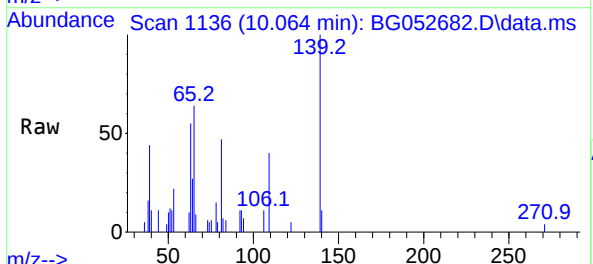
Manual Integrations
APPROVED

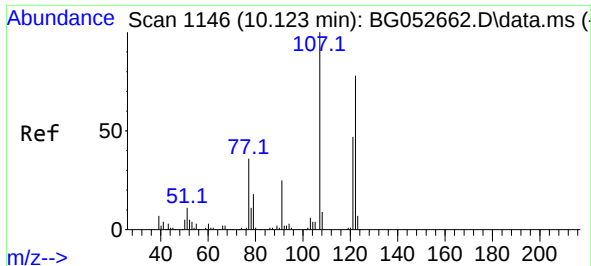
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#26
2-Nitrophenol
Concen: 5.342 ng
RT: 10.064 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BG052682.D
Acq: 16 Mar 2022 17:54

Tgt Ion:139 Resp: 7065
Ion Ratio Lower Upper
139 100
109 39.6 29.4 44.0
65 63.5 48.2 72.2





#27

2,4-Dimethylphenol

Concen: 6.180 ng

RT: 10.117 min Scan# 1145

Delta R.T. -0.006 min

Lab File: BG052682.D

Acq: 16 Mar 2022 17:54

Instrument :

BNA_G

ClientSampleId :

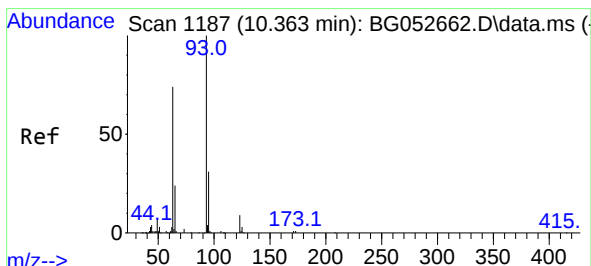
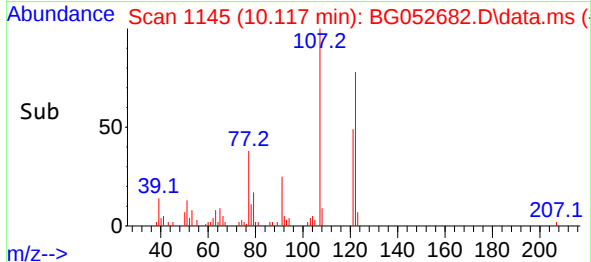
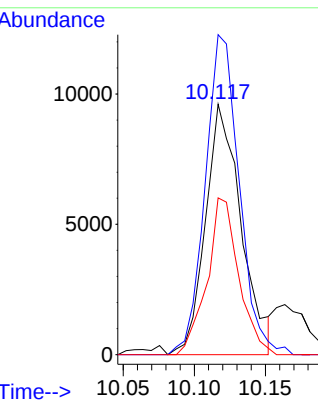
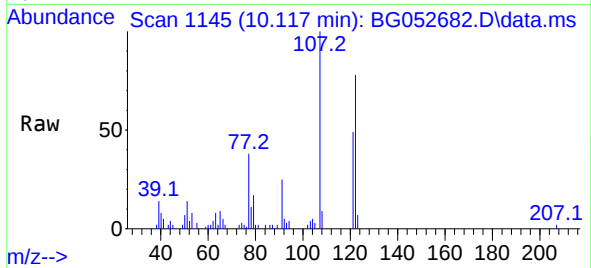
LOQ-WATER-02-QT1-2022

Tgt Ion:	122	Resp:	1672
Ion	Ratio	Lower	Upper
122	100		
107	127.8	96.7	145.1
121	62.6	46.3	69.5

Manual Integrations

APPROVED

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



#28

bis(2-Chloroethoxy)methane

Concen: 5.530 ng

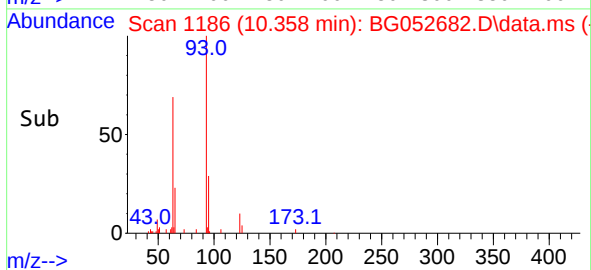
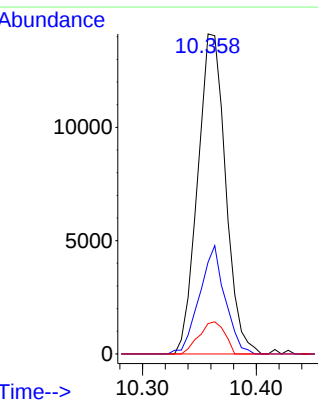
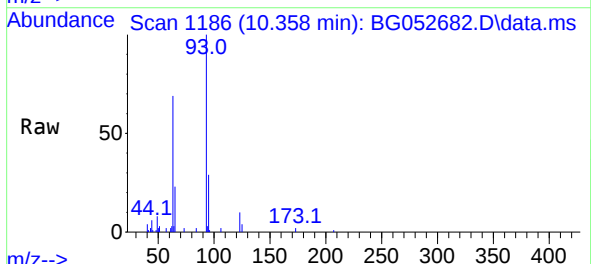
RT: 10.358 min Scan# 1186

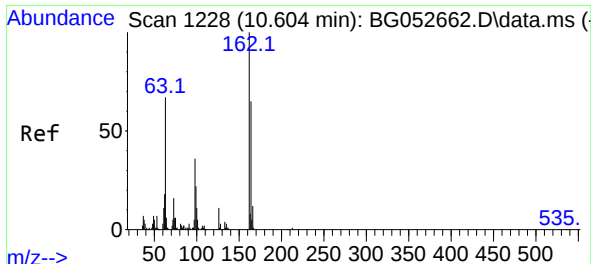
Delta R.T. -0.006 min

Lab File: BG052682.D

Acq: 16 Mar 2022 17:54

Tgt Ion:	93	Resp:	24099
Ion	Ratio	Lower	Upper
93	100		
95	28.7	26.5	39.7
123	9.5	8.6	12.8





#29

2,4-Dichlorophenol

Concen: 5.102 ng

RT: 10.604 min Scan# 1228

Delta R.T. 0.000 min

Lab File: BG052682.D

Acq: 16 Mar 2022 17:54

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2022

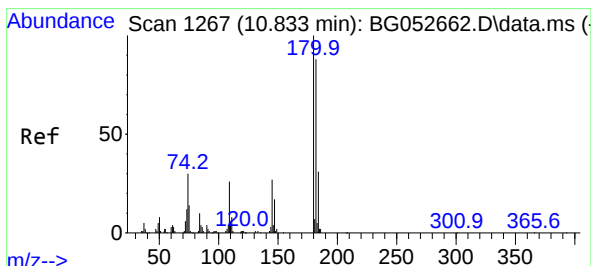
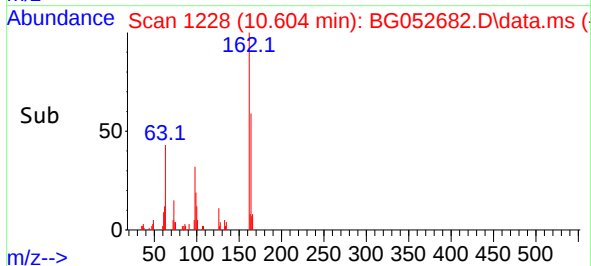
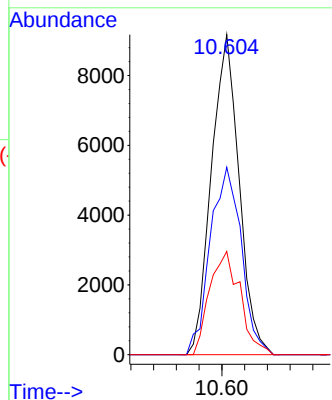
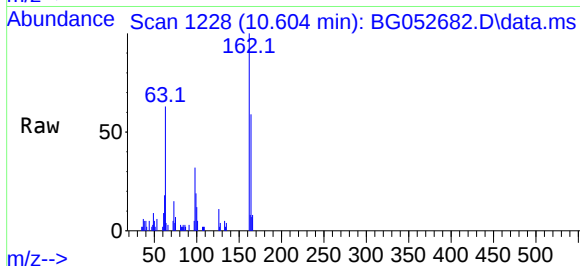
Tgt Ion:	162	Resp:	15534
Ion Ratio	Lower	Upper	
162	100		
164	58.6	44.0	84.0
98	32.2	17.3	57.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/17/2022

Supervised By :Jagrut Upadhyay 03/17/2022



#30

1,2,4-Trichlorobenzene

Concen: 5.798 ng

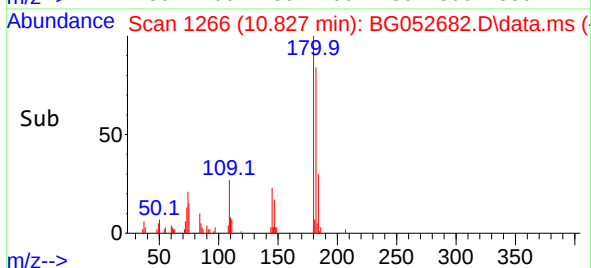
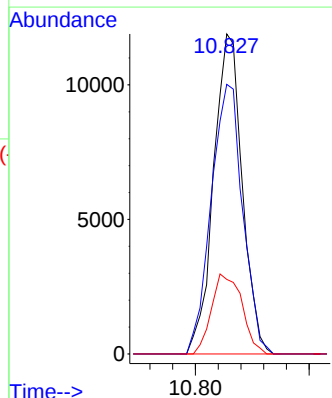
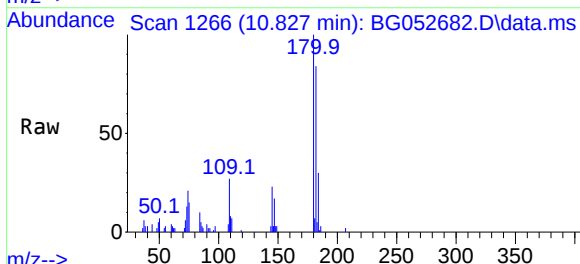
RT: 10.827 min Scan# 1266

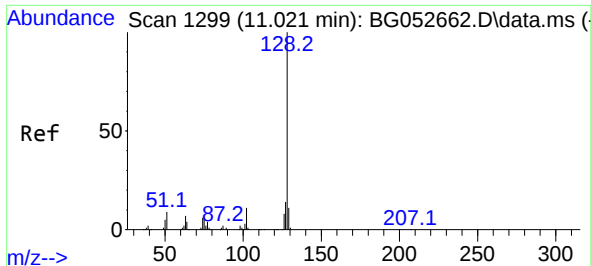
Delta R.T. -0.006 min

Lab File: BG052682.D

Acq: 16 Mar 2022 17:54

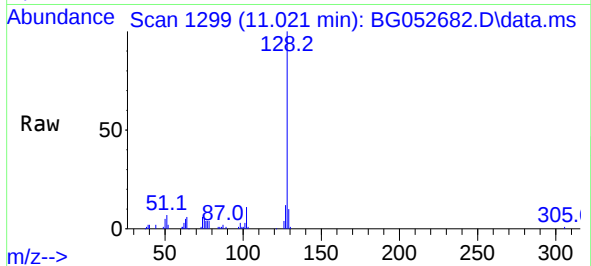
Tgt Ion:	180	Resp:	20825
Ion Ratio	Lower	Upper	
180	100		
182	84.2	77.8	116.6
145	23.3	24.4	36.6#





#31
Naphthalene
Concen: 5.826 ng
RT: 11.021 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BG052682.D
Acq: 16 Mar 2022 17:54

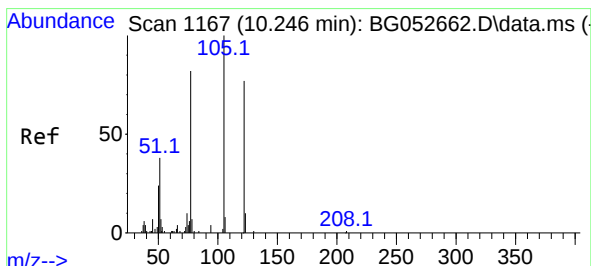
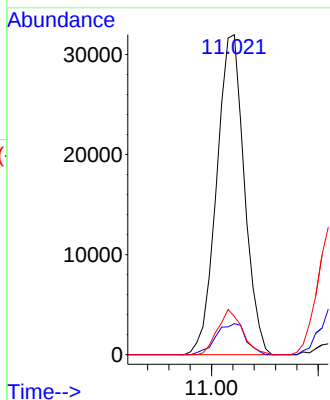
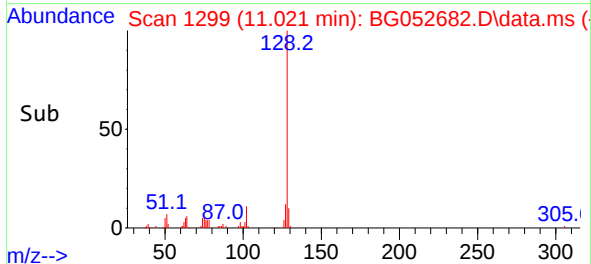
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2022



Tgt Ion:128 Resp: 57554
Ion Ratio Lower Upper
128 100
129 9.7 8.8 13.2
127 11.9 10.5 15.7

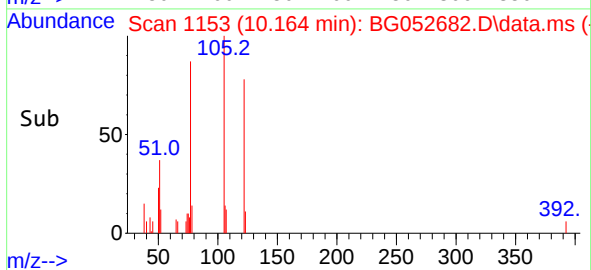
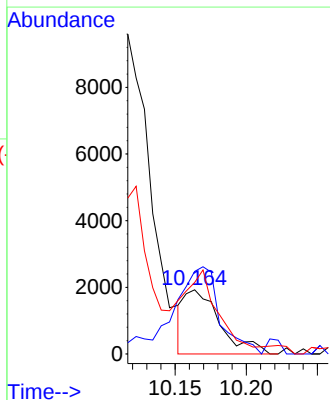
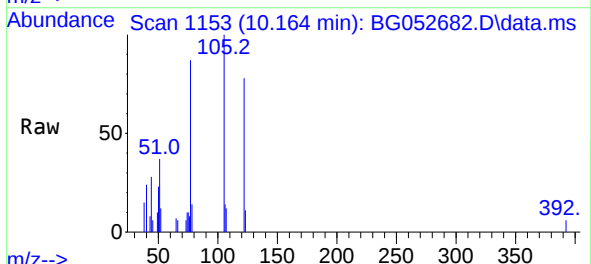
Manual Integrations
APPROVED

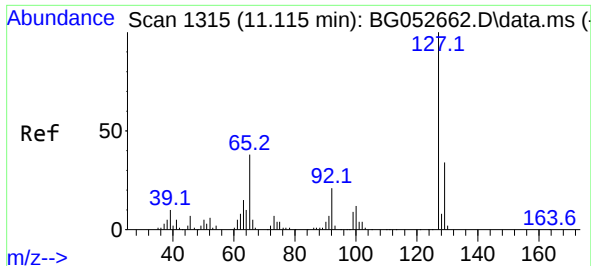
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#32
Benzoic acid
Concen: 1.851 ng
RT: 10.164 min Scan# 1153
Delta R.T. -0.082 min
Lab File: BG052682.D
Acq: 16 Mar 2022 17:54

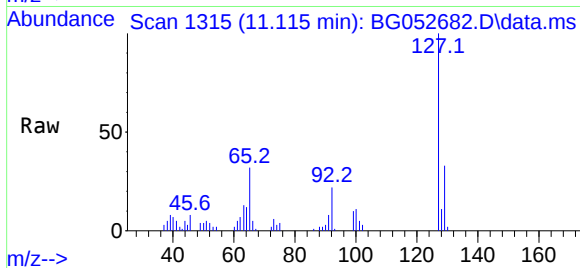
Tgt Ion:122 Resp: 3366
Ion Ratio Lower Upper
122 100
105 128.9 112.8 152.8
77 111.5 78.4 118.4





#33
4-Chloroaniline
Concen: 5.577 ng
RT: 11.115 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG052682.D
Acq: 16 Mar 2022 17:54

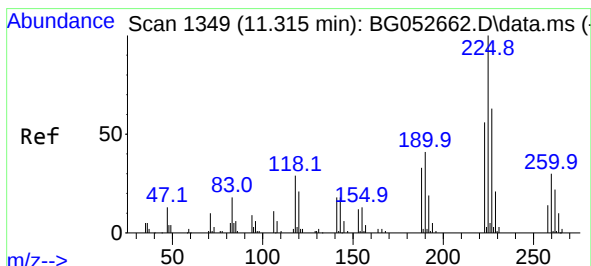
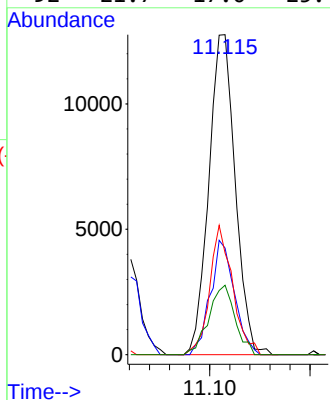
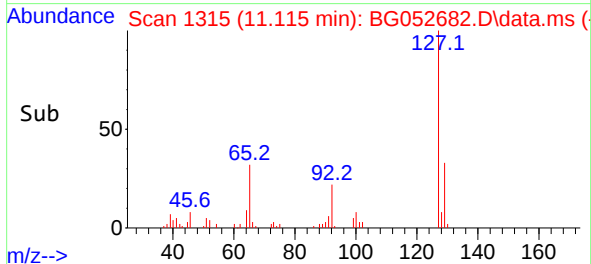
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2022



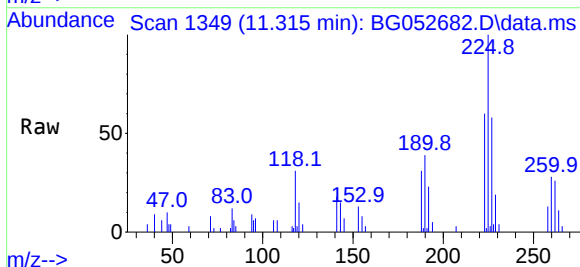
Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.3	27.6	41.4
65	31.8	28.2	42.4
92	21.7	17.0	25.4

Manual Integrations
APPROVED

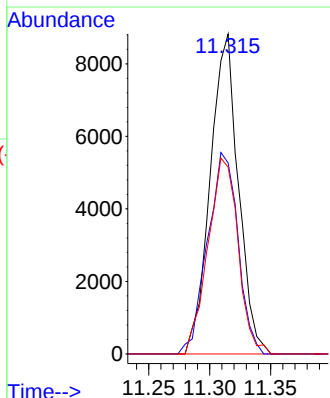
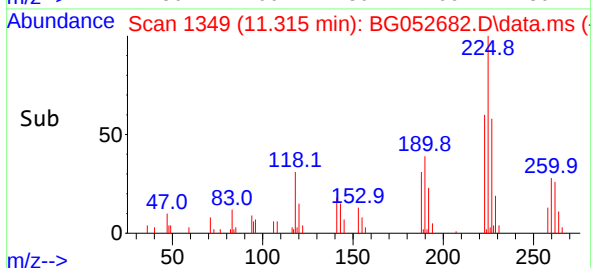
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

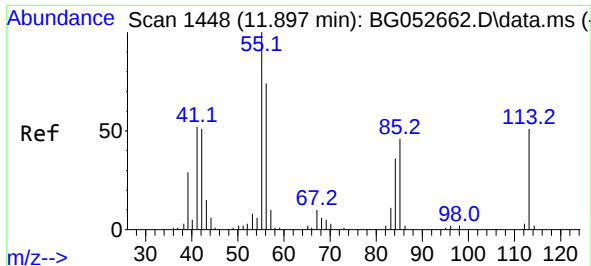


#34
Hexachlorobutadiene
Concen: 5.493 ng
RT: 11.315 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BG052682.D
Acq: 16 Mar 2022 17:54



Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.7	50.2	75.2
227	58.4	52.0	78.0





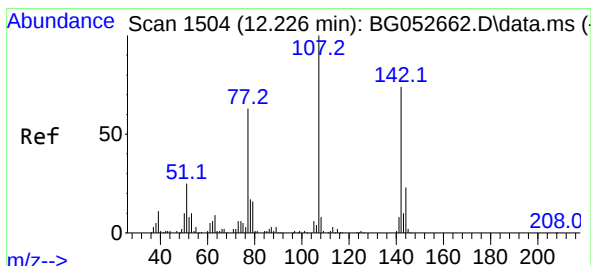
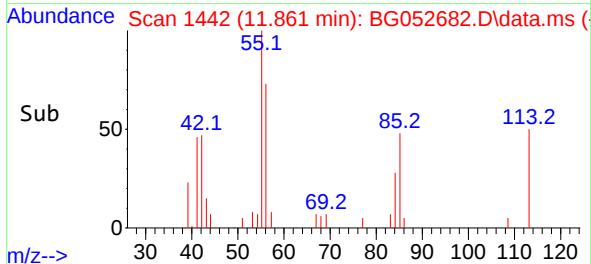
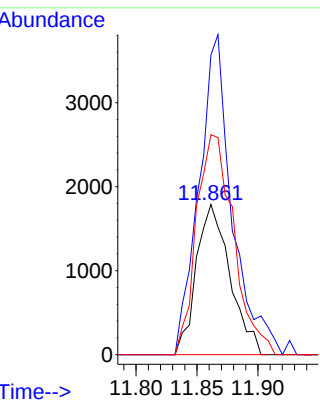
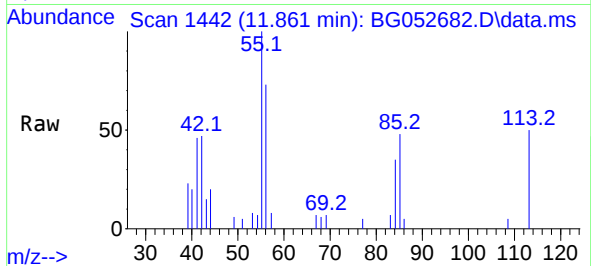
#35
Caprolactam
Concen: 4.133 ng
RT: 11.861 min Scan# 1448
Delta R.T. -0.035 min
Lab File: BG052682.D
Acq: 16 Mar 2022 17:54

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

Tgt Ion:113 Resp: 3430
Ion Ratio Lower Upper
113 100
55 199.6 151.3 191.3
56 146.5 128.5 168.5

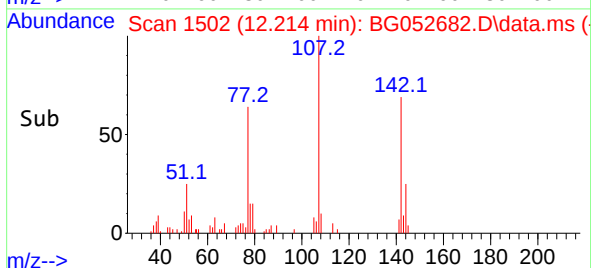
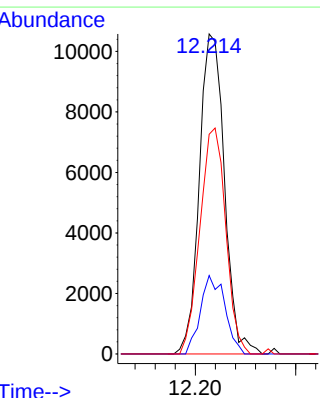
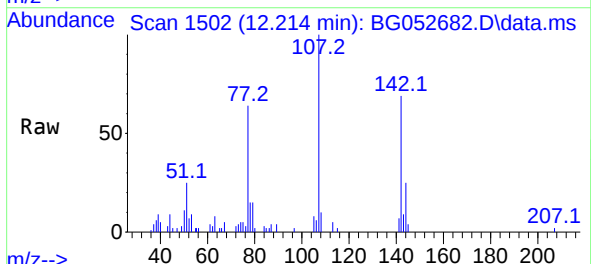
Manual Integrations
APPROVED

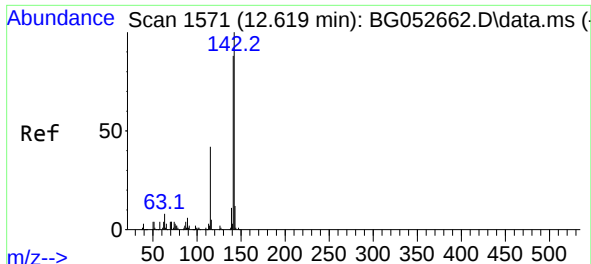
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#36
4-Chloro-3-methylphenol
Concen: 5.188 ng
RT: 12.214 min Scan# 1502
Delta R.T. -0.012 min
Lab File: BG052682.D
Acq: 16 Mar 2022 17:54

Tgt Ion:107 Resp: 18343
Ion Ratio Lower Upper
107 100
144 24.5 21.4 32.0
142 68.6 61.7 92.5





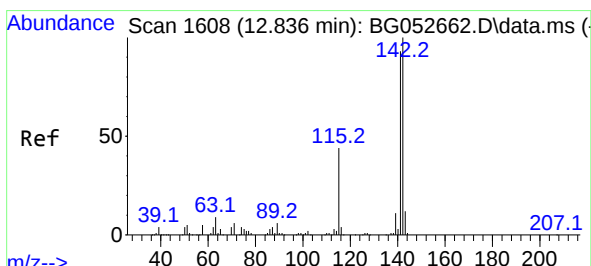
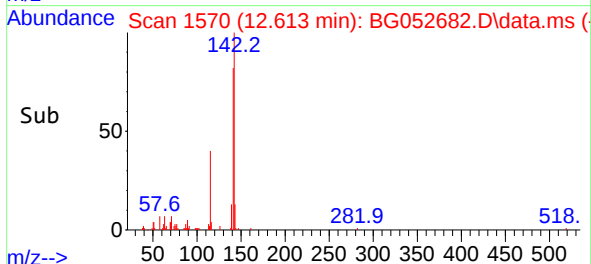
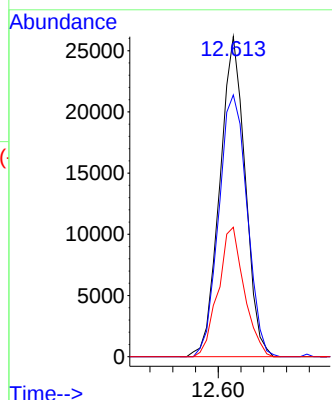
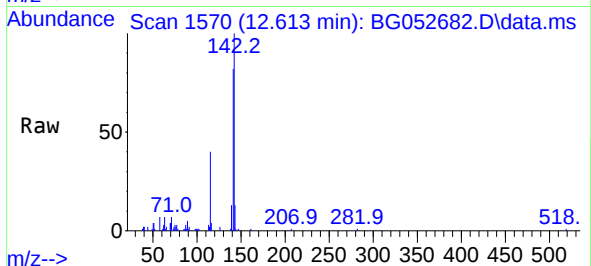
#37
2-Methylnaphthalene
Concen: 5.608 ng
RT: 12.613 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG052682.D
Acq: 16 Mar 2022 17:54

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

Tgt Ion:142 Resp: 40570
Ion Ratio Lower Upper
142 100
141 81.8 71.3 106.9
115 40.5 29.5 44.3

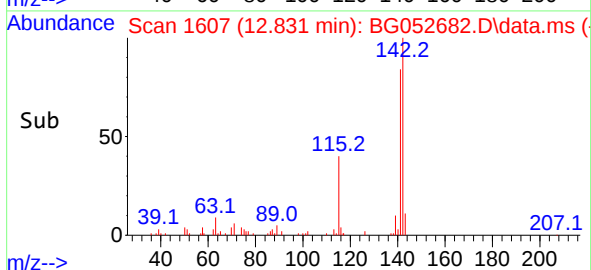
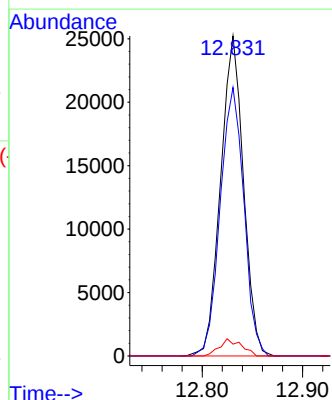
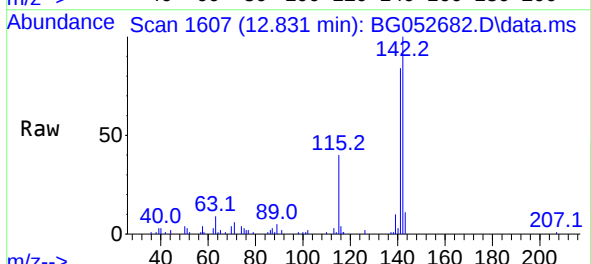
Manual Integrations
APPROVED

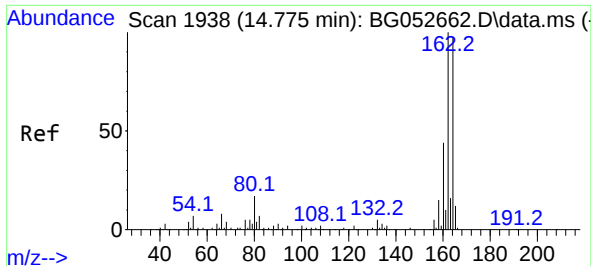
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#38
1-Methylnaphthalene
Concen: 5.640 ng
RT: 12.831 min Scan# 1607
Delta R.T. -0.006 min
Lab File: BG052682.D
Acq: 16 Mar 2022 17:54

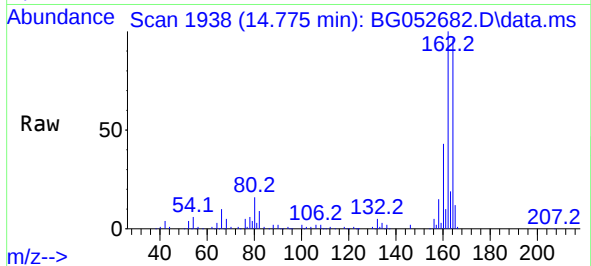
Tgt Ion:142 Resp: 39824
Ion Ratio Lower Upper
142 100
141 83.9 70.5 105.7
116 3.7 3.1 4.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.775 min Scan# 1938
Delta R.T. 0.000 min
Lab File: BG052682.D
Acq: 16 Mar 2022 17:54

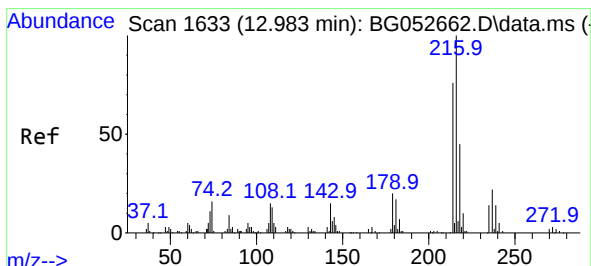
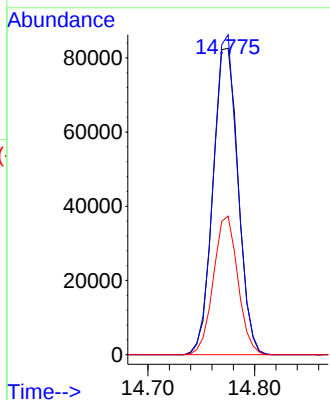
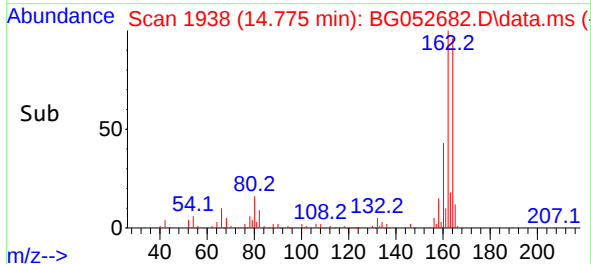
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2022



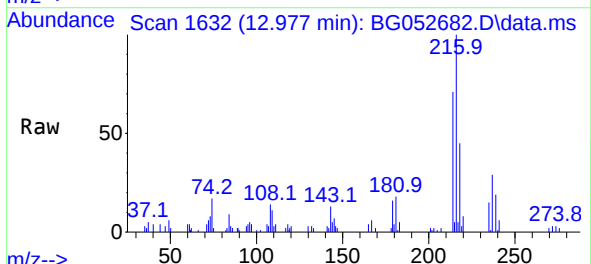
Tgt Ion:164 Resp: 13543
Ion Ratio Lower Upper
164 100
162 104.4 80.0 120.0
160 45.2 38.8 58.2

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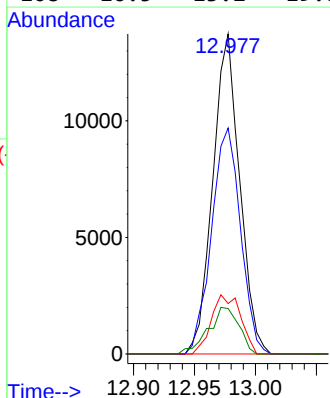
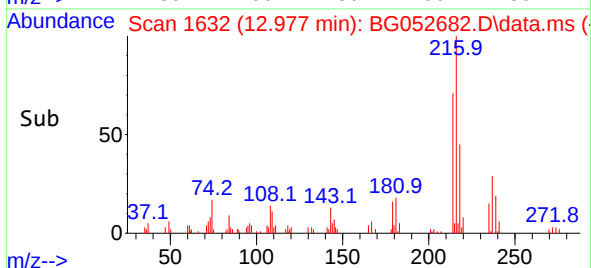
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

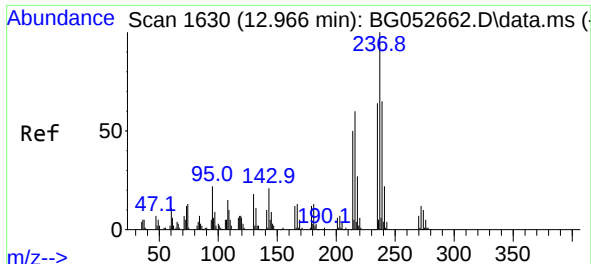


#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.966 ng
RT: 12.977 min Scan# 1632
Delta R.T. -0.006 min
Lab File: BG052682.D
Acq: 16 Mar 2022 17:54



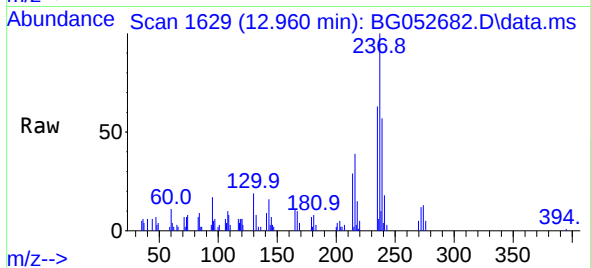
Tgt Ion:216 Resp: 21011
Ion Ratio Lower Upper
216 100
214 76.2 63.8 95.6
179 20.1 15.7 23.5
108 16.5 13.2 19.8





#41
Hexachlorocyclopentadiene
Concen: 6.620 ng
RT: 12.960 min Scan# 1660
Delta R.T. -0.006 min
Lab File: BG052682.D
Acq: 16 Mar 2022 17:54

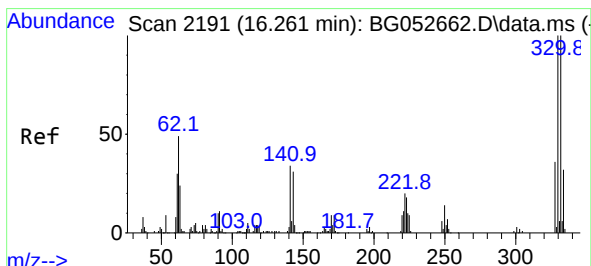
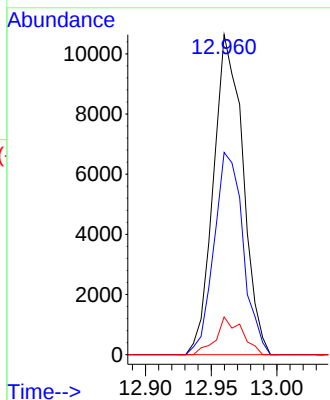
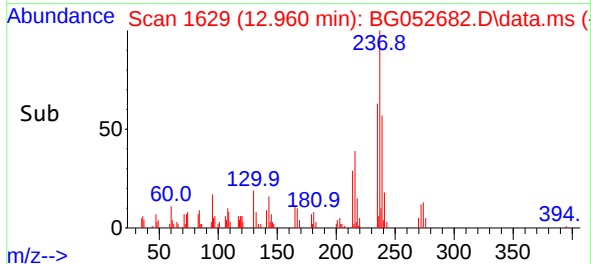
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2022



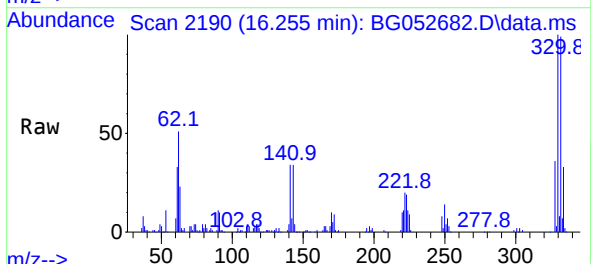
Tgt Ion:237 Resp: 1660
Ion Ratio Lower Upper
237 100
235 63.2 37.7 77.7
272 11.8 0.0 30.7

Manual Integrations
APPROVED

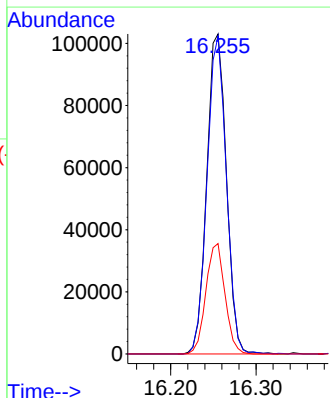
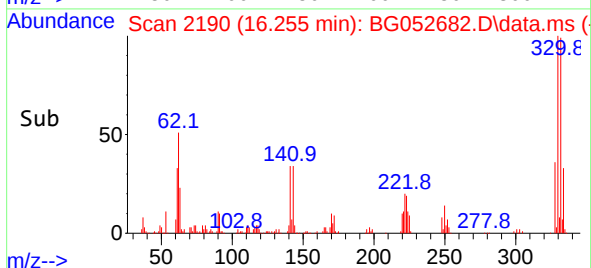
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

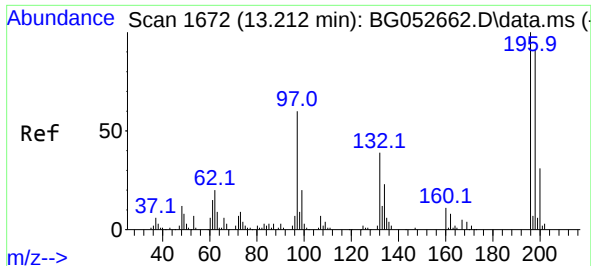


#42
2,4,6-Tribromophenol
Concen: 90.486 ng
RT: 16.255 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BG052682.D
Acq: 16 Mar 2022 17:54



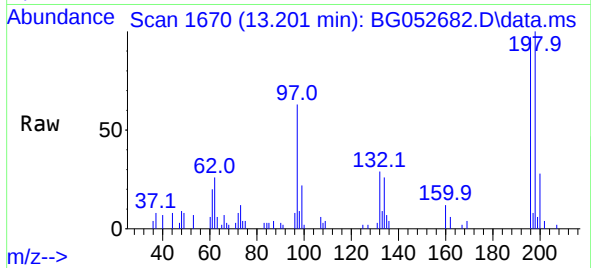
Tgt Ion:330 Resp: 164670
Ion Ratio Lower Upper
330 100
332 97.5 75.8 113.6
141 33.6 24.6 36.8





#43
2,4,6-Trichlorophenol
Concen: 5.137 ng
RT: 13.201 min Scan# 1670
Delta R.T. -0.012 min
Lab File: BG052682.D
Acq: 16 Mar 2022 17:54

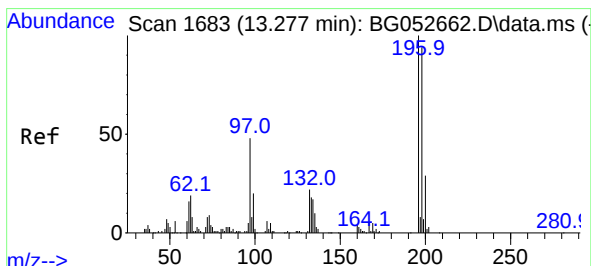
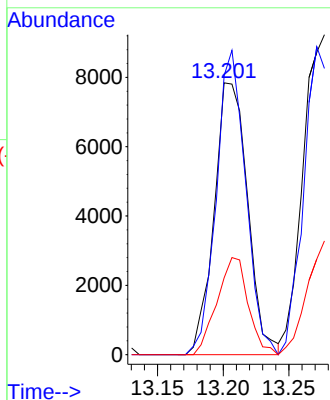
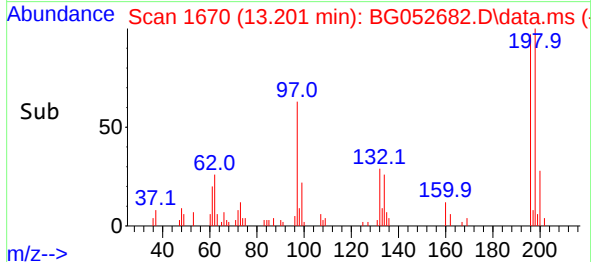
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2022



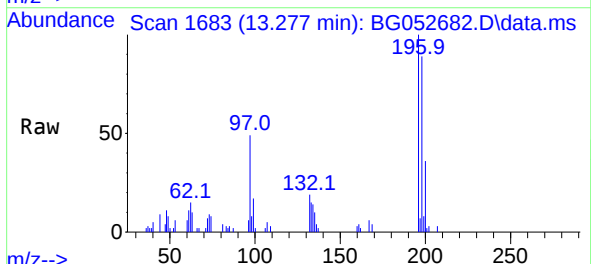
Tgt Ion:196 Resp: 13919
Ion Ratio Lower Upper
196 100
198 102.6 78.8 118.2
200 28.2 25.1 37.7

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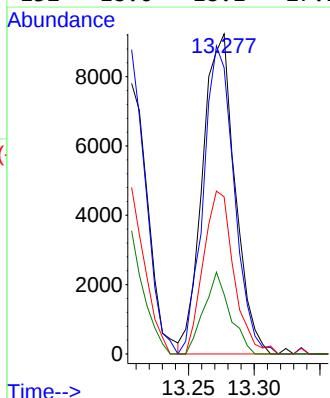
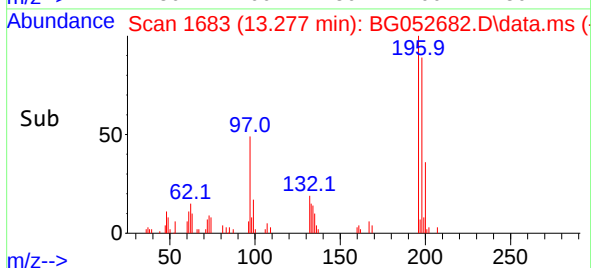
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

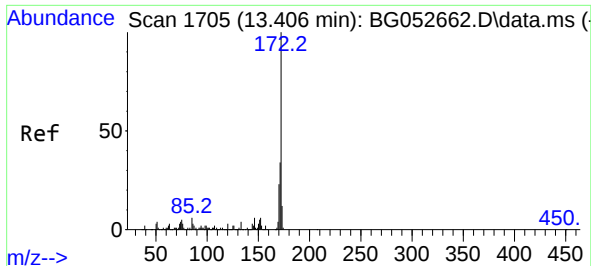


#44
2,4,5-Trichlorophenol
Concen: 5.783 ng
RT: 13.277 min Scan# 1683
Delta R.T. 0.000 min
Lab File: BG052682.D
Acq: 16 Mar 2022 17:54



Tgt Ion:196 Resp: 15906
Ion Ratio Lower Upper
196 100
198 89.4 75.8 113.6
97 49.1 36.5 54.7
132 18.6 18.1 27.1





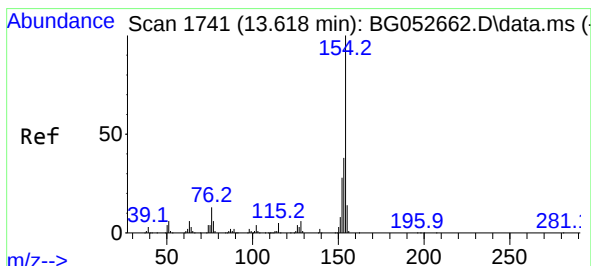
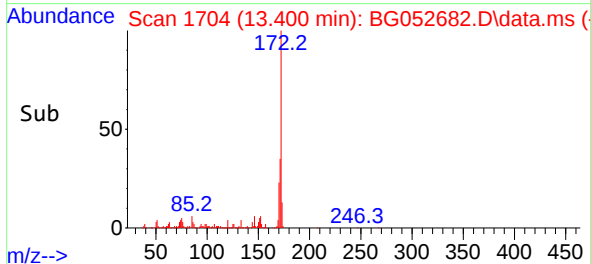
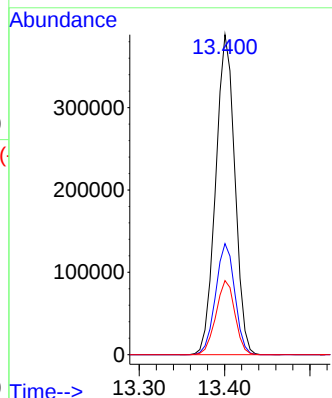
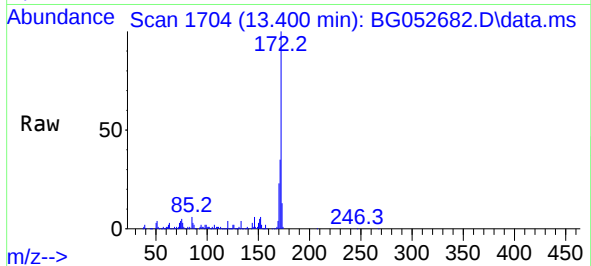
#45
2-Fluorobiphenyl
Concen: 65.955 ng
RT: 13.400 min Scan# 1704
Delta R.T. -0.006 min
Lab File: BG052682.D
Acq: 16 Mar 2022 17:54

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

Tgt Ion:172 Resp: 60564
Ion Ratio Lower Upper
172 100
171 34.7 28.3 42.5
170 23.1 18.0 27.0

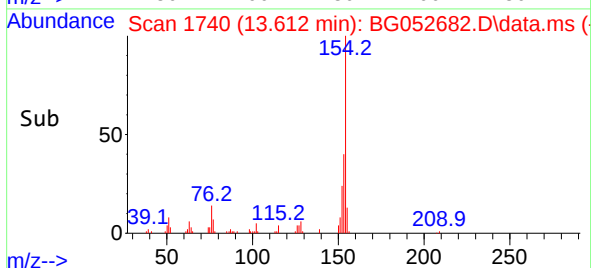
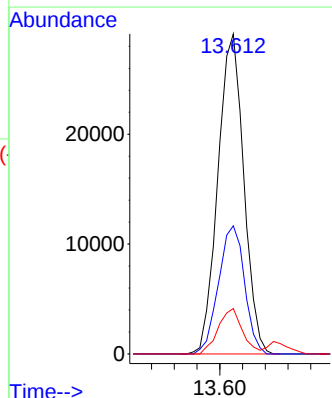
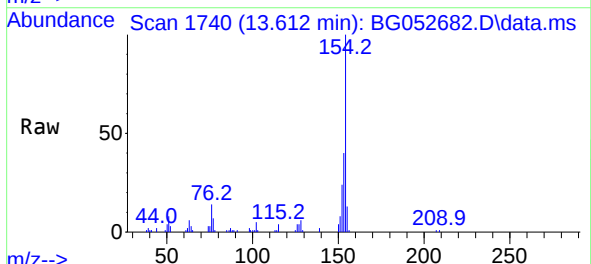
Manual Integrations
APPROVED

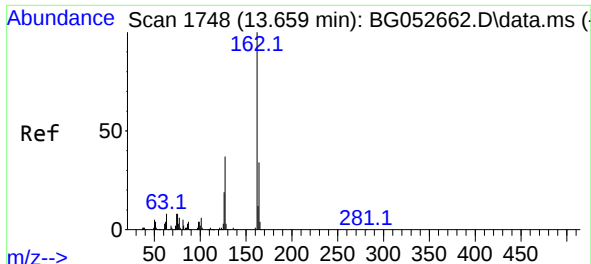
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#46
1,1'-Biphenyl
Concen: 4.855 ng
RT: 13.612 min Scan# 1740
Delta R.T. -0.006 min
Lab File: BG052682.D
Acq: 16 Mar 2022 17:54

Tgt Ion:154 Resp: 45987
Ion Ratio Lower Upper
154 100
153 40.1 21.6 61.6
76 14.2 0.0 31.5





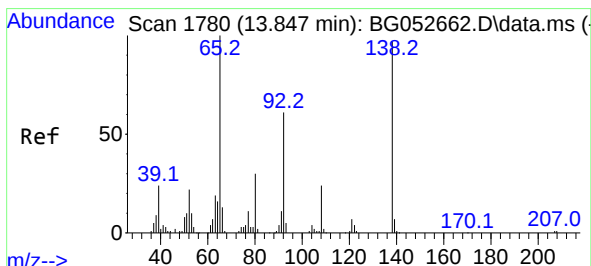
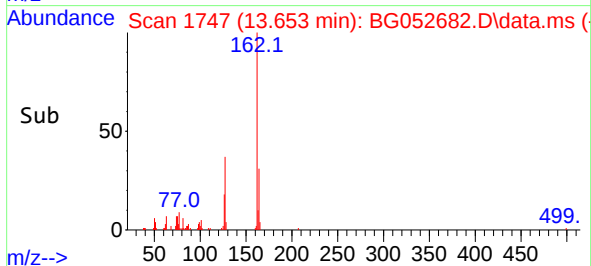
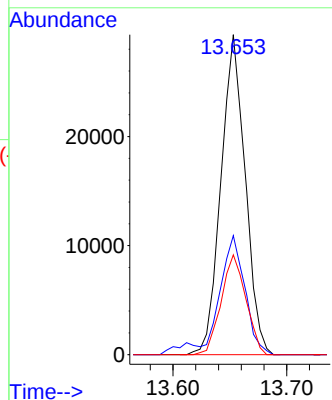
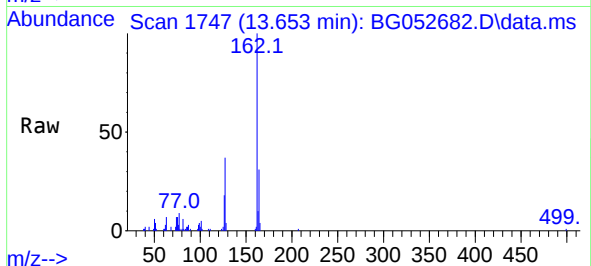
#47
2-Chloronaphthalene
Concen: 5.824 ng
RT: 13.653 min Scan# 1748
Delta R.T. -0.006 min
Lab File: BG052682.D
Acq: 16 Mar 2022 17:54

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

Tgt Ion:	162	Resp:	4344
Ion Ratio	Lower	Upper	
162	100		
127	37.2	28.1	42.1
164	31.2	26.0	39.0

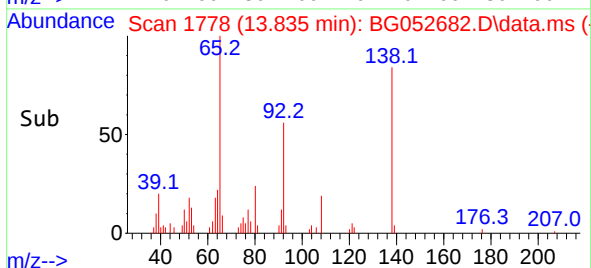
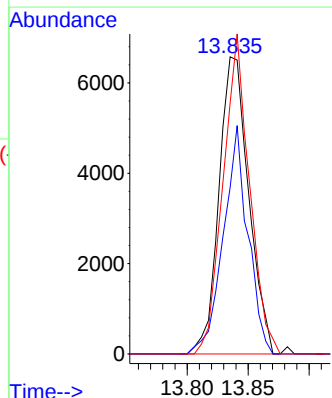
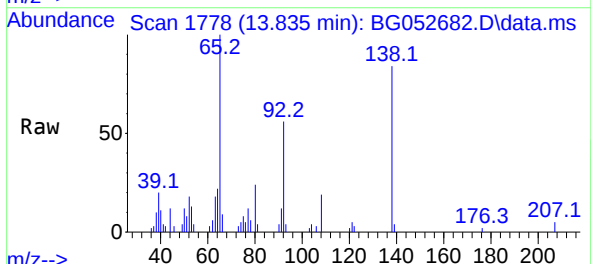
Manual Integrations
APPROVED

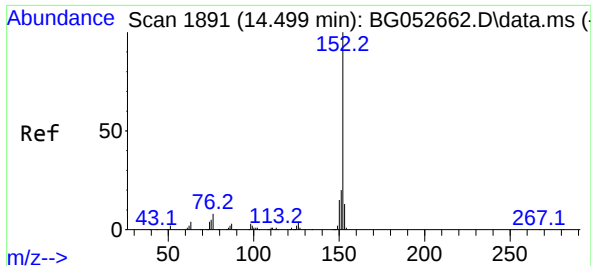
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#48
2-Nitroaniline
Concen: 5.473 ng
RT: 13.835 min Scan# 1778
Delta R.T. -0.012 min
Lab File: BG052682.D
Acq: 16 Mar 2022 17:54

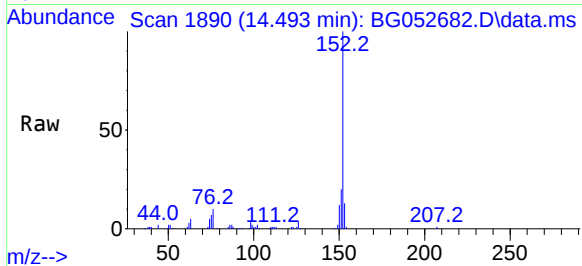
Tgt Ion:	65	Resp:	11164
Ion Ratio	Lower	Upper	
65	100		
92	56.0	52.1	78.1
138	84.4	80.1	120.1





#49
Acenaphthylene
Concen: 6.000 ng
RT: 14.493 min Scan# 1890
Delta R.T. -0.006 min
Lab File: BG052682.D
Acq: 16 Mar 2022 17:54

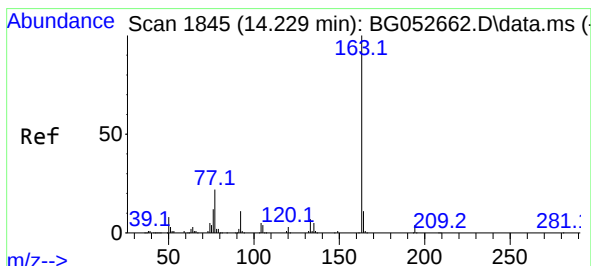
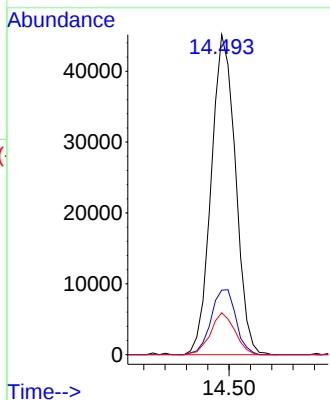
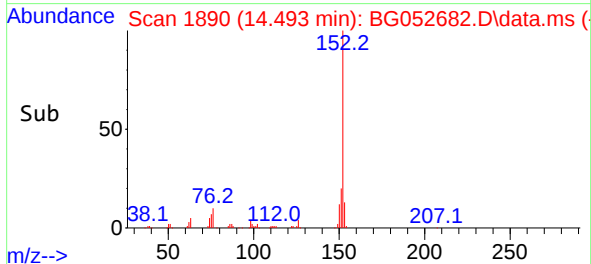
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2022



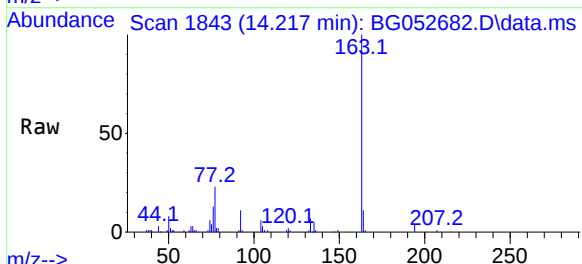
Tgt Ion:152 Resp: 71338
Ion Ratio Lower Upper
152 100
151 20.2 15.8 23.6
153 13.1 10.6 15.8

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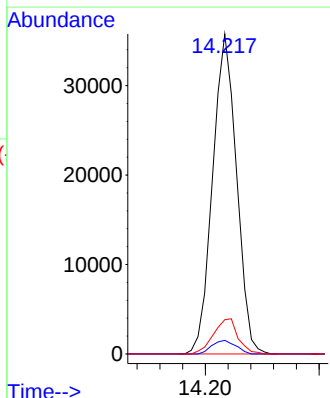
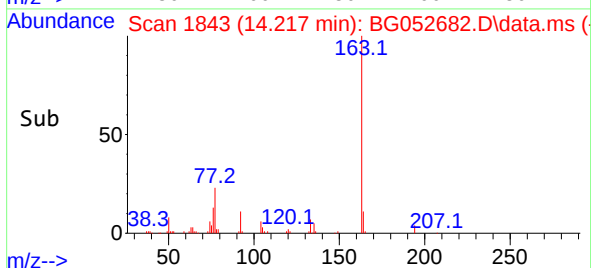
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

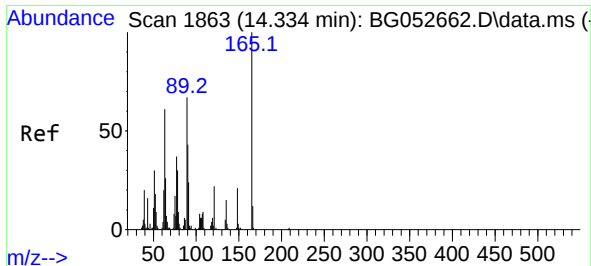


#50
Dimethylphthalate
Concen: 5.200 ng
RT: 14.217 min Scan# 1843
Delta R.T. -0.012 min
Lab File: BG052682.D
Acq: 16 Mar 2022 17:54



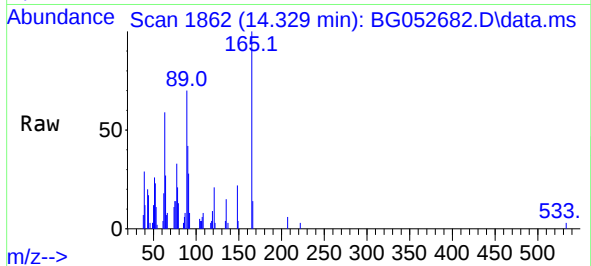
Tgt Ion:163 Resp: 52338
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.7 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 5.714 ng
RT: 14.329 min Scan# 1862
Delta R.T. -0.006 min
Lab File: BG052682.D
Acq: 16 Mar 2022 17:54

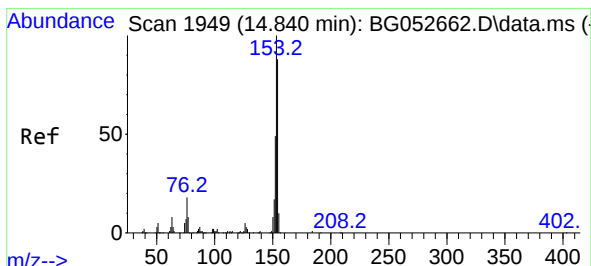
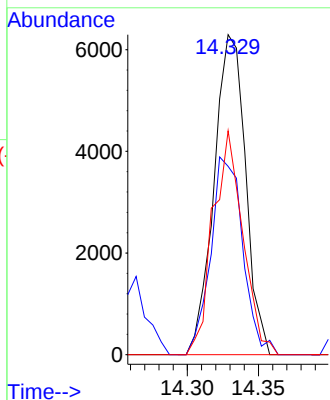
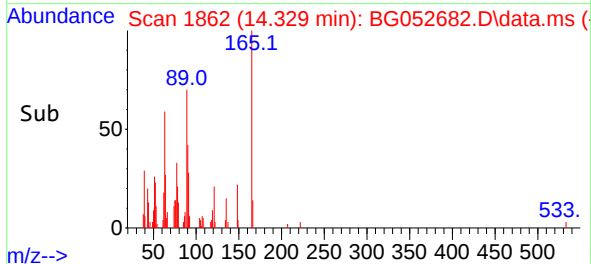
Instrument : BNA_G
ClientSampleId : LOQ-WATER-02-QT1-2022



Tgt Ion:165 Resp: 971
Ion Ratio Lower Upper
165 100
63 58.8 43.7 65.5
89 70.0 45.0 67.4

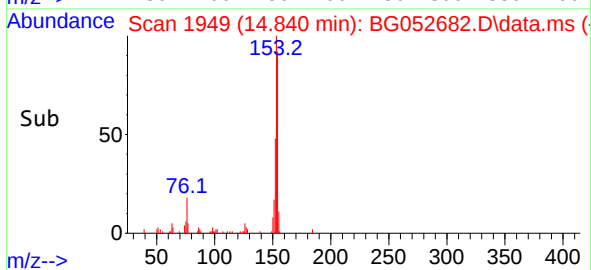
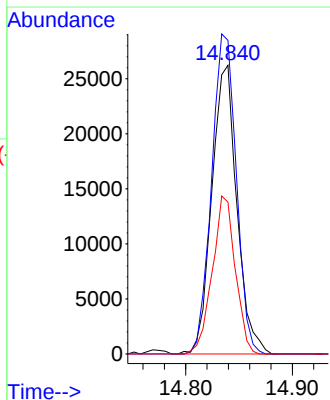
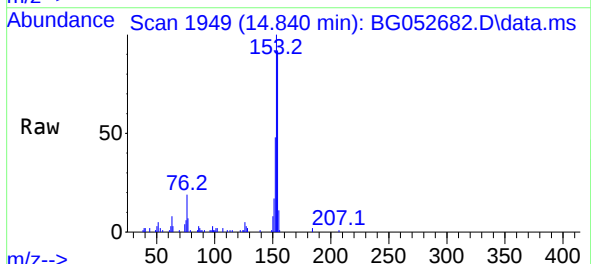
Manual Integrations
APPROVED

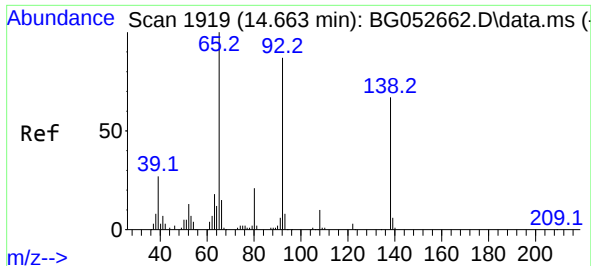
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#52
Acenaphthene
Concen: 5.619 ng
RT: 14.840 min Scan# 1949
Delta R.T. -0.000 min
Lab File: BG052682.D
Acq: 16 Mar 2022 17:54

Tgt Ion:154 Resp: 42798
Ion Ratio Lower Upper
154 100
153 108.6 89.0 133.4
152 52.6 40.5 60.7





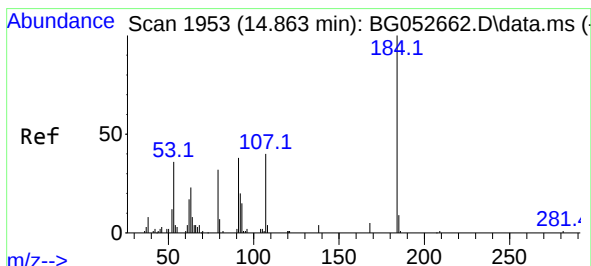
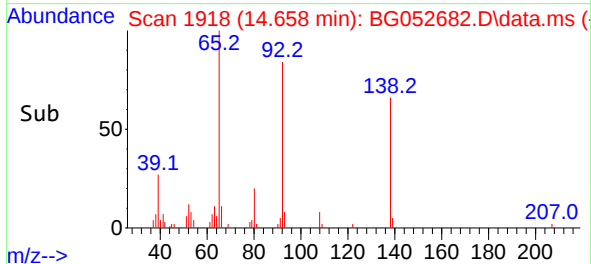
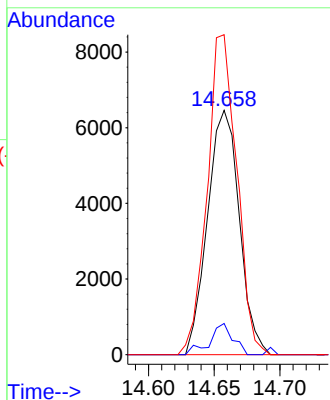
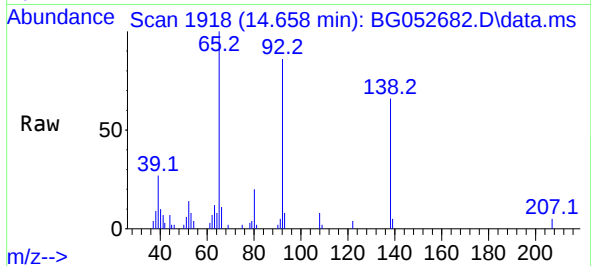
#53
3-Nitroaniline
Concen: 5.472 ng
RT: 14.658 min Scan# 1919
Delta R.T. -0.006 min
Lab File: BG052682.D
Acq: 16 Mar 2022 17:54

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

Tgt Ion:138 Resp: 1088
Ion Ratio Lower Upper
138 100
108 12.8 8.0 12.0
92 131.0 96.2 144.2

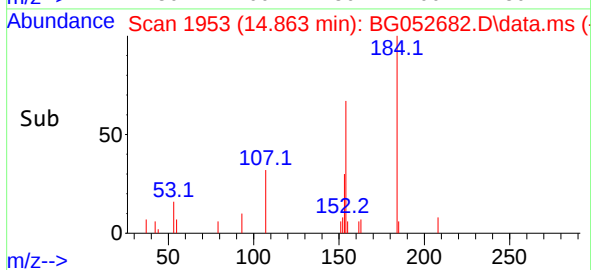
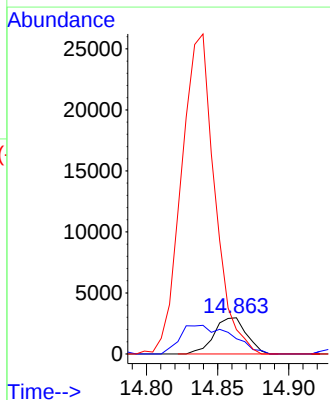
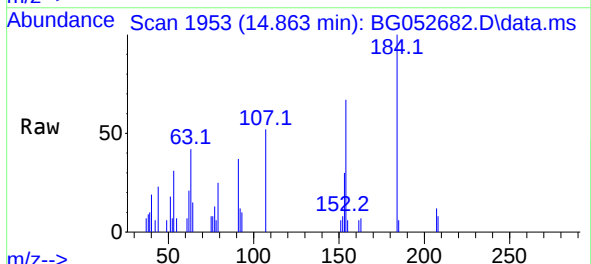
Manual Integrations
APPROVED

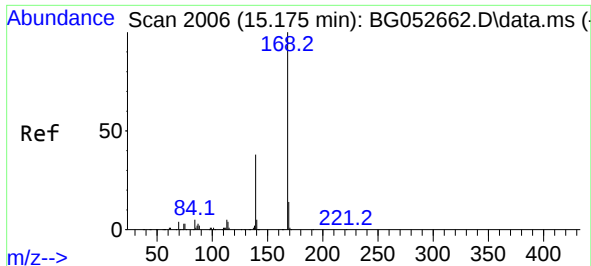
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#54
2,4-Dinitrophenol
Concen: 5.050 ng
RT: 14.863 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BG052682.D
Acq: 16 Mar 2022 17:54

Tgt Ion:184 Resp: 4678
Ion Ratio Lower Upper
184 100
63 42.1 51.8 77.6
154 67.0 47.8 71.6





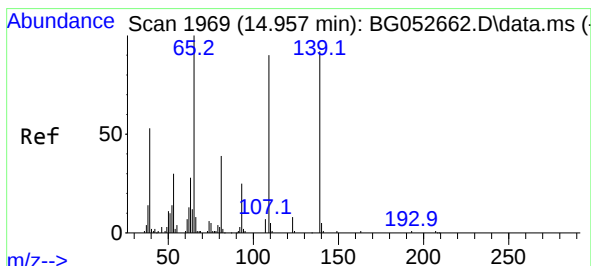
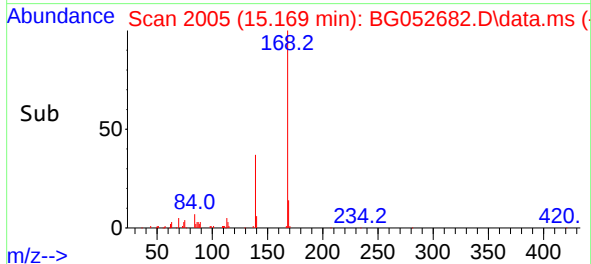
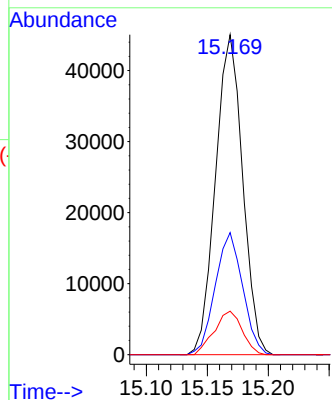
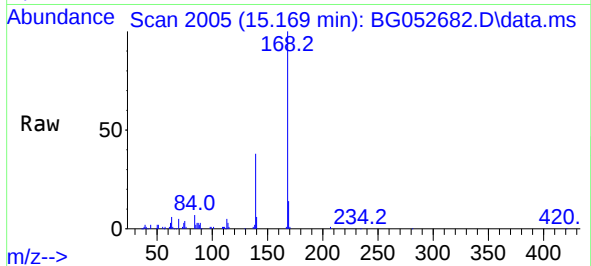
#55
Dibenzenofuran
Concen: 5.596 ng
RT: 15.169 min Scan# 2006
Delta R.T. -0.006 min
Lab File: BG052682.D
Acq: 16 Mar 2022 17:54

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

Tgt Ion:168 Resp: 69604
Ion Ratio Lower Upper
168 100
139 38.2 30.2 45.4
169 13.6 10.7 16.1

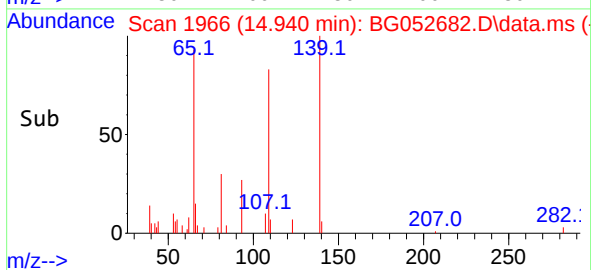
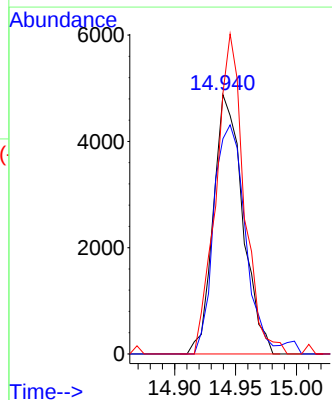
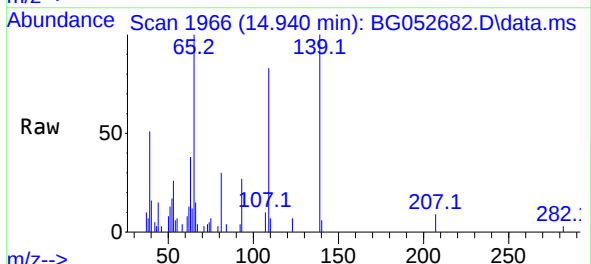
Manual Integrations
APPROVED

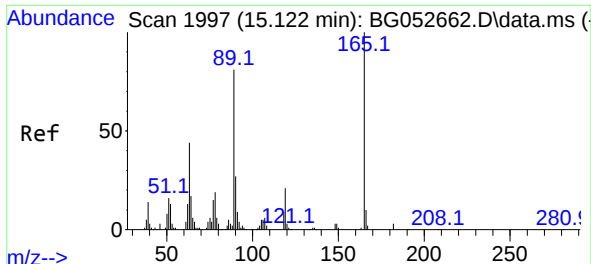
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#56
4-Nitrophenol
Concen: 5.050 ng
RT: 14.940 min Scan# 1966
Delta R.T. -0.018 min
Lab File: BG052682.D
Acq: 16 Mar 2022 17:54

Tgt Ion:139 Resp: 8191
Ion Ratio Lower Upper
139 100
109 83.0 67.1 107.1
65 100.5 88.2 128.2





#57

2,4-Dinitrotoluene

Concen: 5.178 ng

RT: 15.110 min Scan# 1995

Delta R.T. -0.012 min

Lab File: BG052682.D

Acq: 16 Mar 2022 17:54

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2022

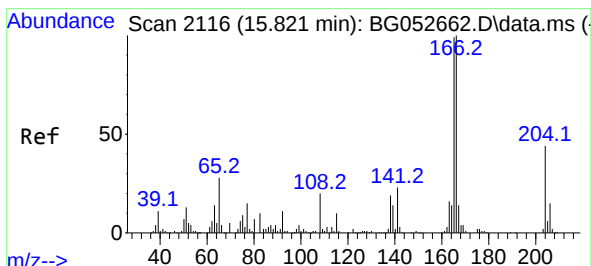
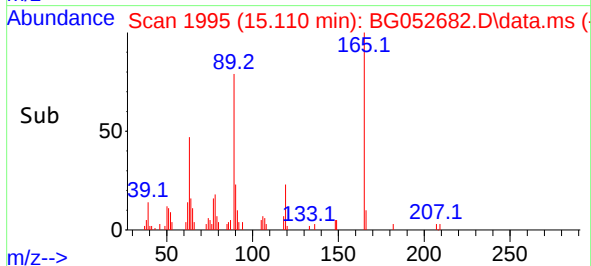
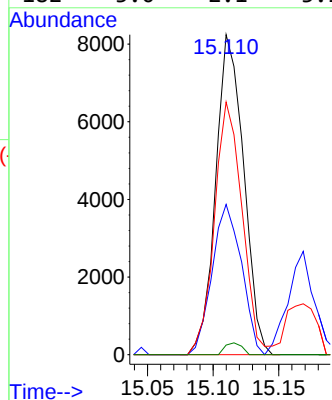
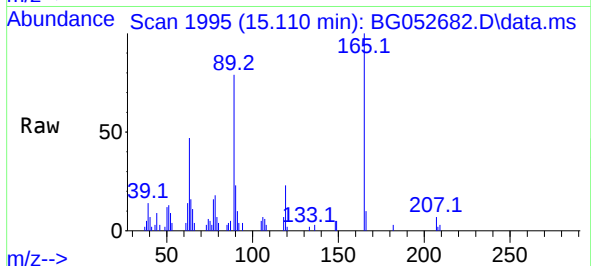
Tgt Ion:165	Resp:	12209
Ion Ratio	Lower	Upper
165	100	
63	46.9	34.8 52.2
89	79.0	57.4 86.0
182	3.0	2.1 3.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/17/2022

Supervised By :Jagrut Upadhyay 03/17/2022



#58

Fluorene

Concen: 5.647 ng

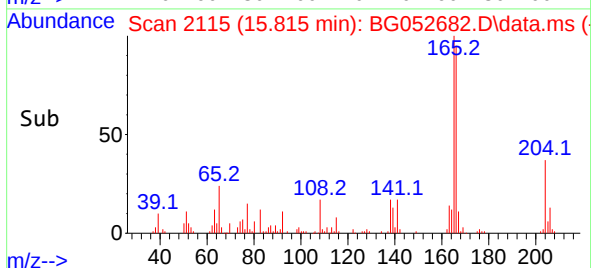
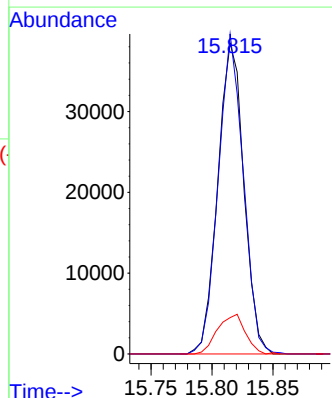
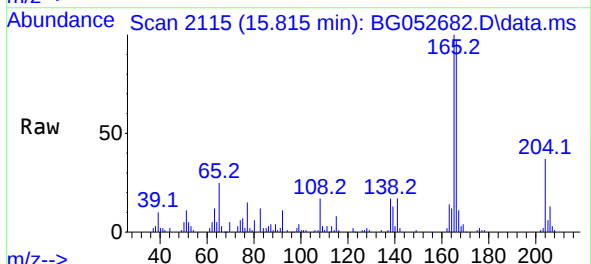
RT: 15.815 min Scan# 2115

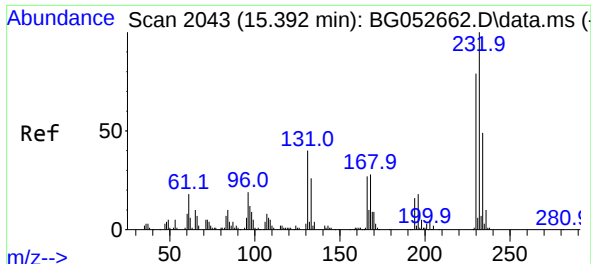
Delta R.T. -0.006 min

Lab File: BG052682.D

Acq: 16 Mar 2022 17:54

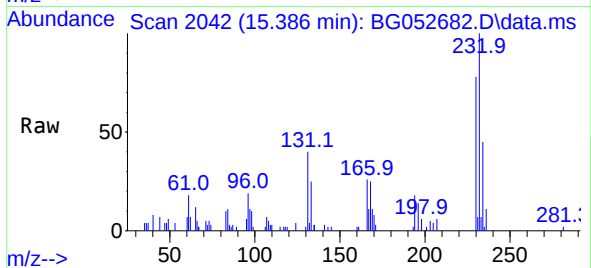
Tgt Ion:166	Resp:	57256
Ion Ratio	Lower	Upper
166	100	
165	102.9	78.6 117.8
167	11.7	10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 4.901 ng
RT: 15.386 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BG052682.D
Acq: 16 Mar 2022 17:54

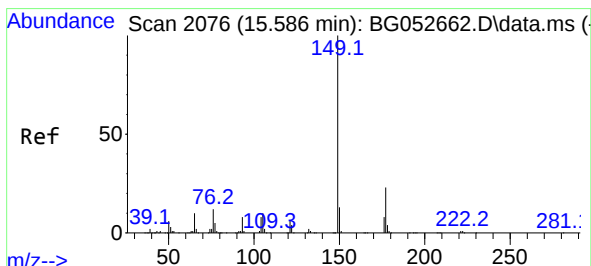
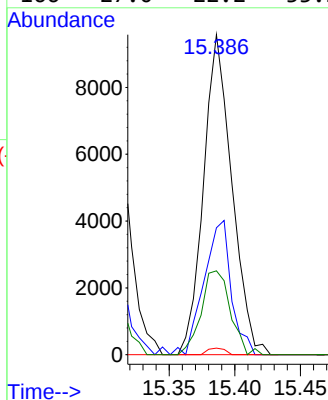
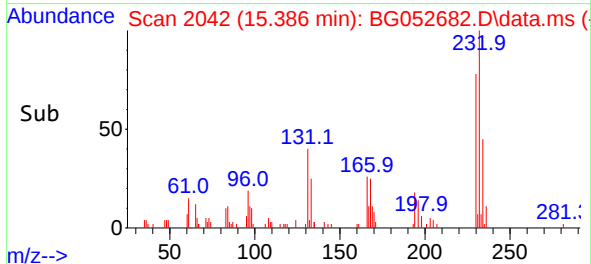
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2022



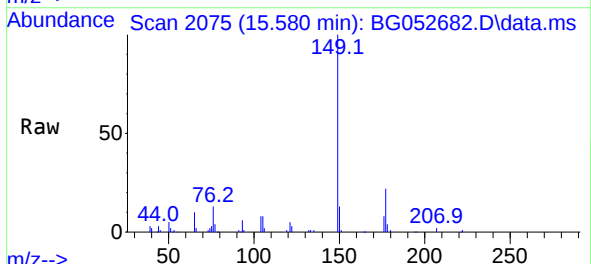
Tgt Ion:232 Resp: 14400
Ion Ratio Lower Upper
232 100
131 40.2 30.1 45.1
130 1.3 1.8 2.8
166 27.0 22.2 33.2

Manual Integrations
APPROVED

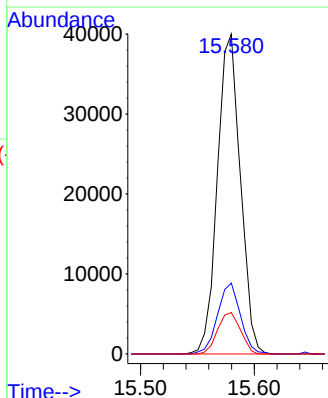
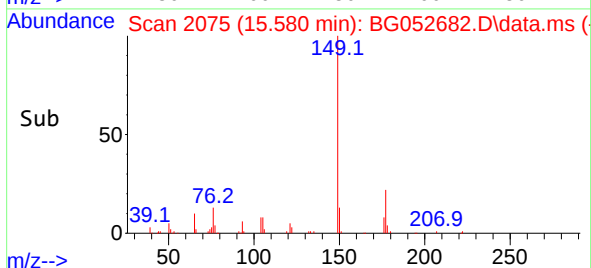
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

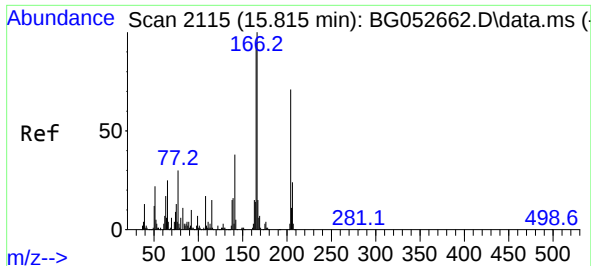


#60
Diethylphthalate
Concen: 5.285 ng
RT: 15.580 min Scan# 2075
Delta R.T. -0.006 min
Lab File: BG052682.D
Acq: 16 Mar 2022 17:54



Tgt Ion:149 Resp: 56157
Ion Ratio Lower Upper
149 100
177 22.2 18.2 27.2
150 13.0 9.9 14.9





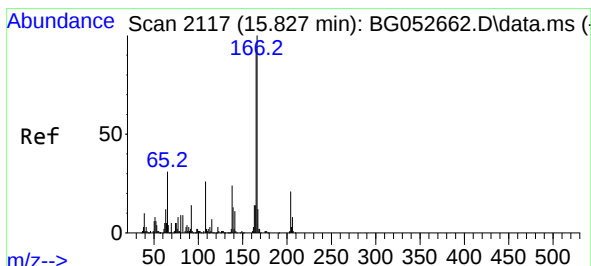
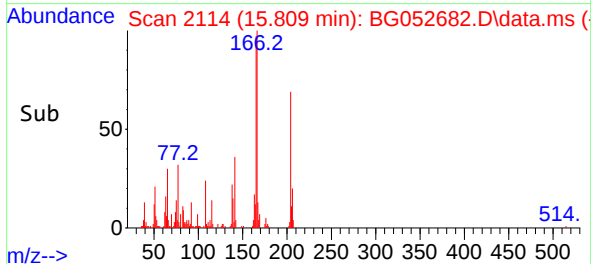
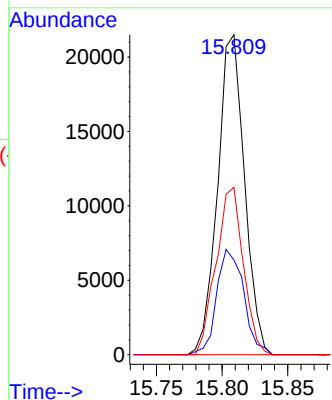
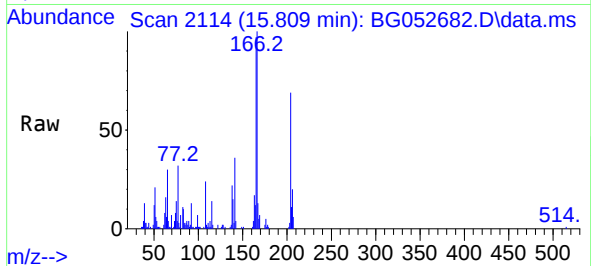
#61
4-Chlorophenyl-phenylether
Concen: 5.481 ng
RT: 15.809 min Scan# 2114
Delta R.T. -0.006 min
Lab File: BG052682.D
Acq: 16 Mar 2022 17:54

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

Tgt Ion:204 Resp: 30650
Ion Ratio Lower Upper
204 100
206 29.6 28.3 42.5
141 52.3 45.8 68.8

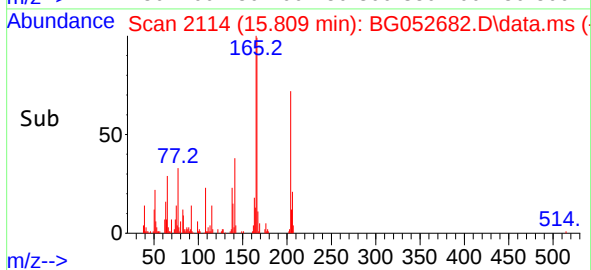
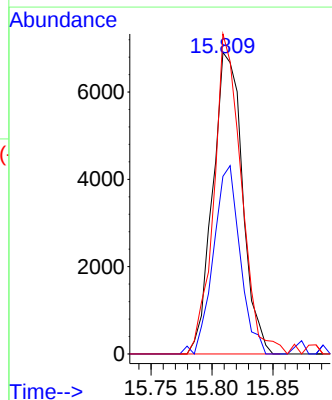
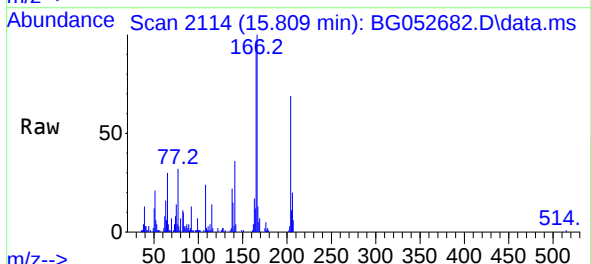
Manual Integrations
APPROVED

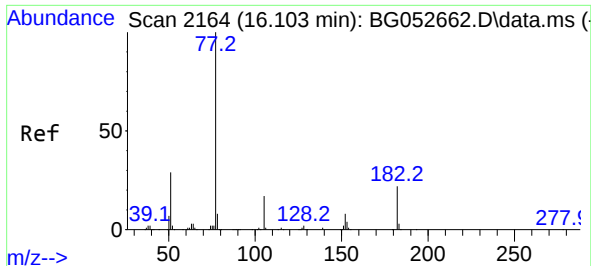
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#62
4-Nitroaniline
Concen: 5.576 ng
RT: 15.809 min Scan# 2114
Delta R.T. -0.018 min
Lab File: BG052682.D
Acq: 16 Mar 2022 17:54

Tgt Ion:138 Resp: 11717
Ion Ratio Lower Upper
138 100
92 58.9 33.3 73.3
108 106.1 74.2 114.2





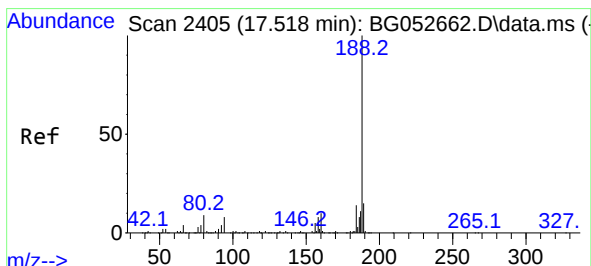
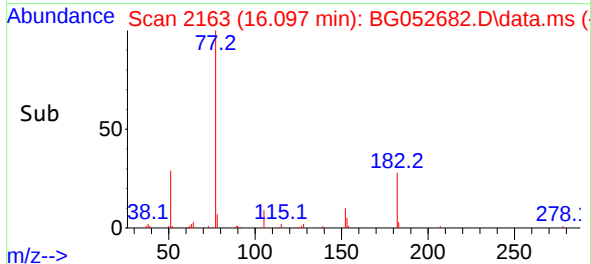
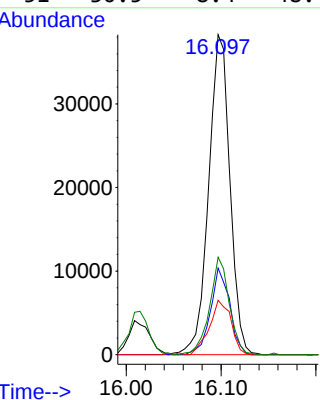
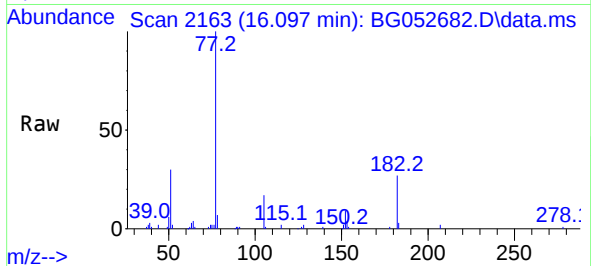
#63
Azobenzene
Concen: 5.265 ng
RT: 16.097 min Scan# 2164
Delta R.T. -0.006 min
Lab File: BG052682.D
Acq: 16 Mar 2022 17:54

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

Tgt Ion: 77	Resp: 5978
Ion Ratio	Lower Upper
77 100	
182 27.1	5.6 45.6
105 17.0	0.0 38.8
51 30.5	8.4 48.4

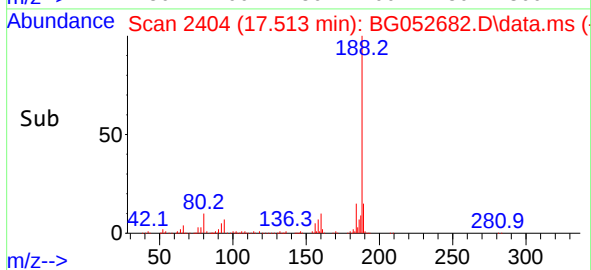
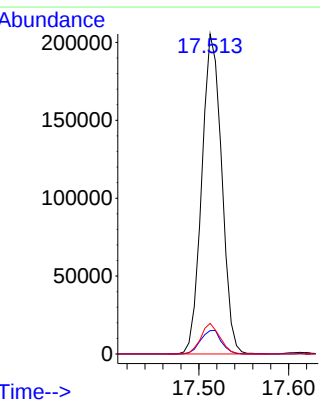
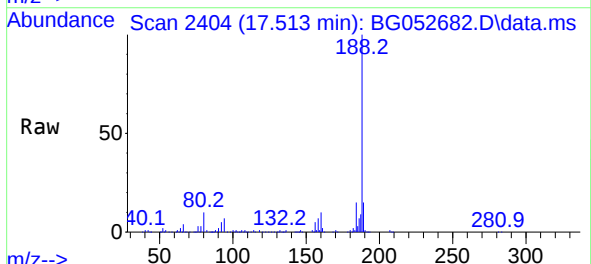
Manual Integrations
APPROVED

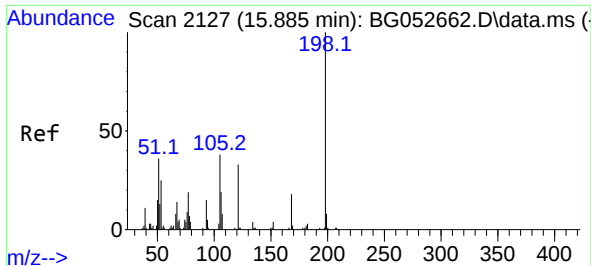
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.513 min Scan# 2404
Delta R.T. -0.006 min
Lab File: BG052682.D
Acq: 16 Mar 2022 17:54

Tgt Ion:188	Resp: 315765
Ion Ratio	Lower Upper
188 100	
94 7.3	5.7 8.5
80 9.6	7.2 10.8





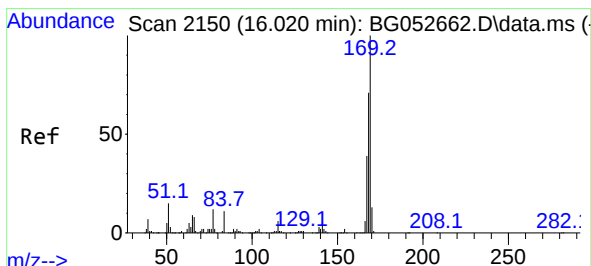
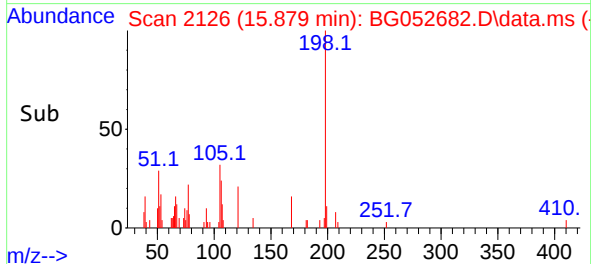
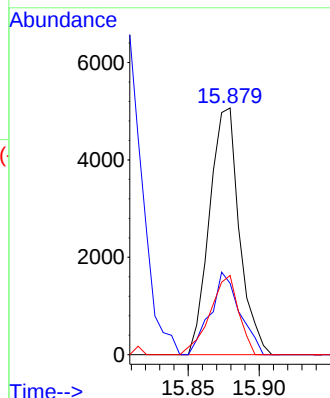
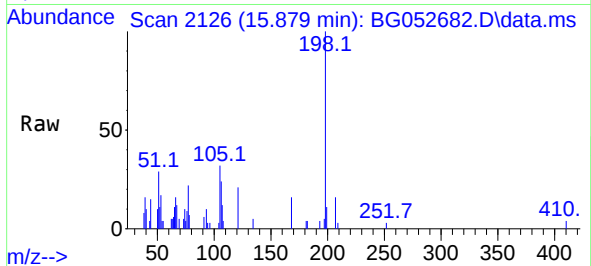
#65
4,6-Dinitro-2-methylphenol
Concen: 5.245 ng
RT: 15.879 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BG052682.D
Acq: 16 Mar 2022 17:54

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

Tgt Ion:198 Resp: 738
Ion Ratio Lower Upper
198 100
51 29.0 21.7 61.7
105 32.1 20.8 60.8

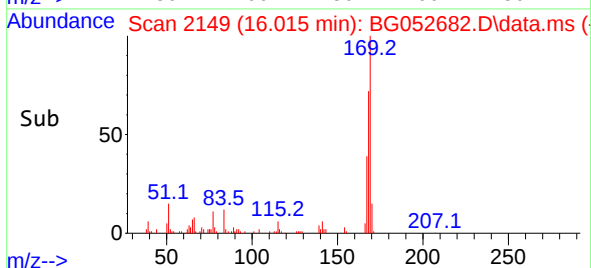
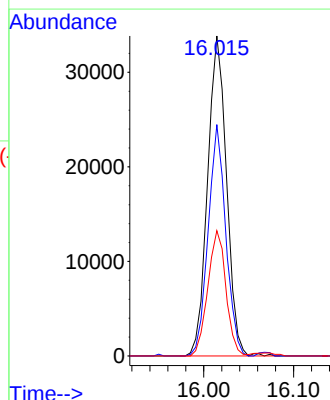
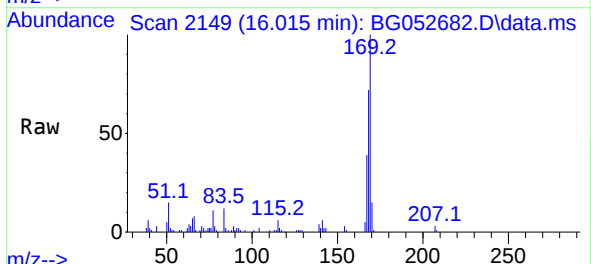
Manual Integrations
APPROVED

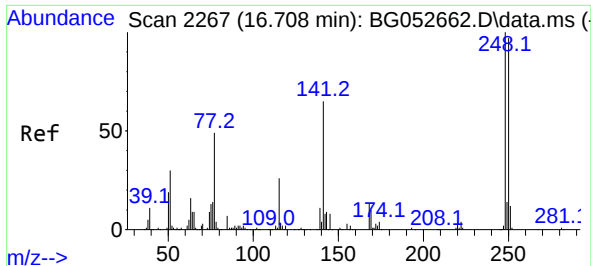
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#66
n-Nitrosodiphenylamine
Concen: 5.571 ng
RT: 16.015 min Scan# 2149
Delta R.T. -0.006 min
Lab File: BG052682.D
Acq: 16 Mar 2022 17:54

Tgt Ion:169 Resp: 49527
Ion Ratio Lower Upper
169 100
168 72.3 54.5 81.7
167 39.1 29.6 44.4





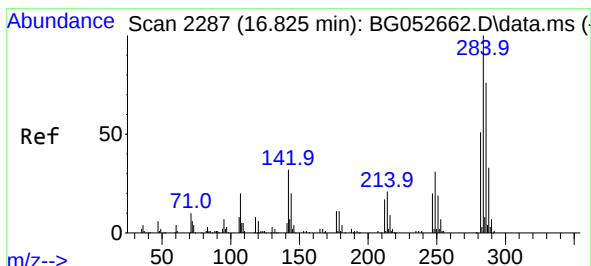
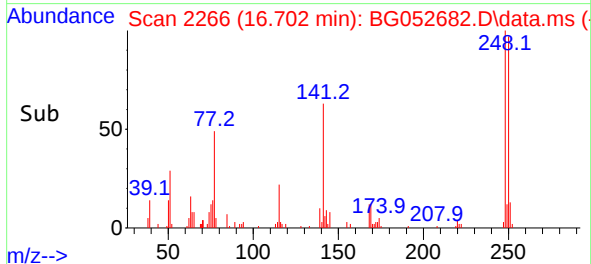
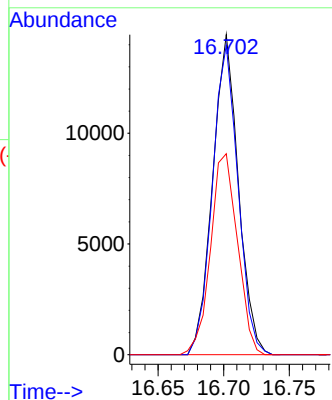
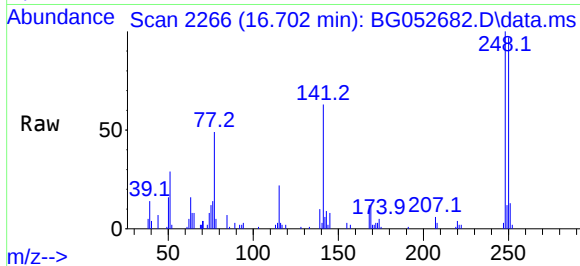
#67
4-Bromophenyl-phenylether
Concen: 5.174 ng
RT: 16.702 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG052682.D
Acq: 16 Mar 2022 17:54

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

Tgt Ion:248 Resp: 1969
Ion Ratio Lower Upper
248 100
250 96.8 77.9 116.9
141 62.8 49.2 73.8

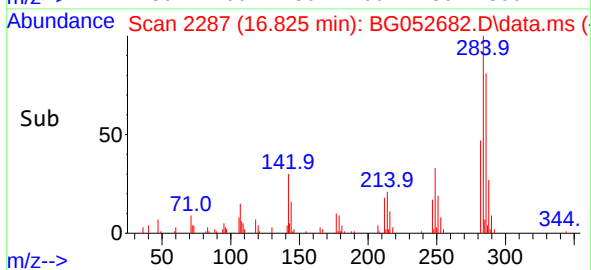
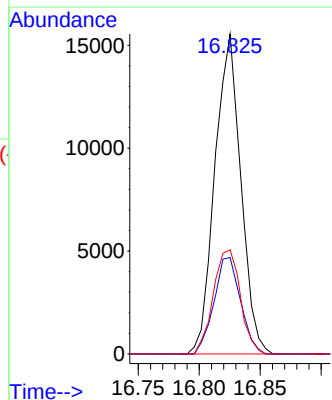
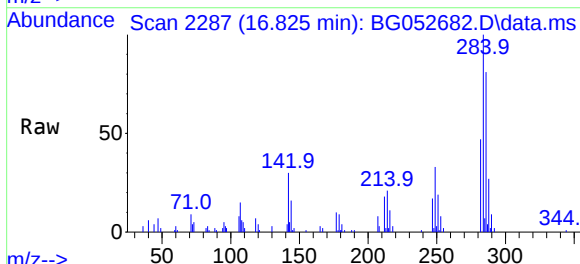
Manual Integrations
APPROVED

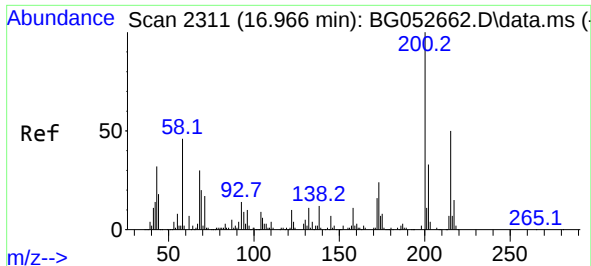
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#68
Hexachlorobenzene
Concen: 5.618 ng
RT: 16.825 min Scan# 2287
Delta R.T. -0.000 min
Lab File: BG052682.D
Acq: 16 Mar 2022 17:54

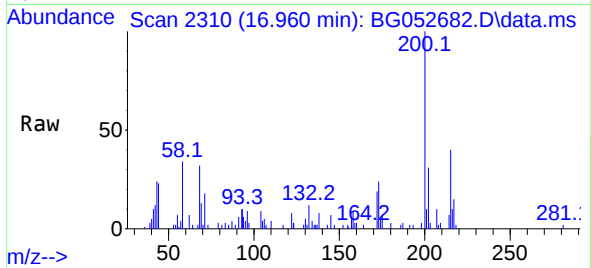
Tgt Ion:284 Resp: 22987
Ion Ratio Lower Upper
284 100
142 30.2 21.0 31.4
249 32.6 22.7 34.1





#69
Atrazine
Concen: 4.703 ng
RT: 16.960 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG052682.D
Acq: 16 Mar 2022 17:54

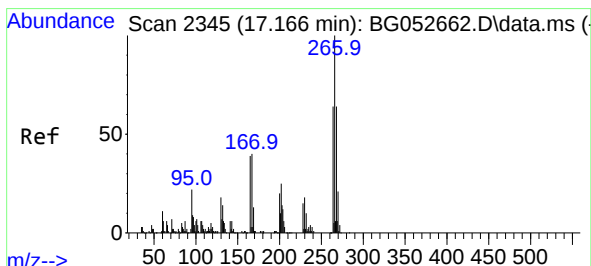
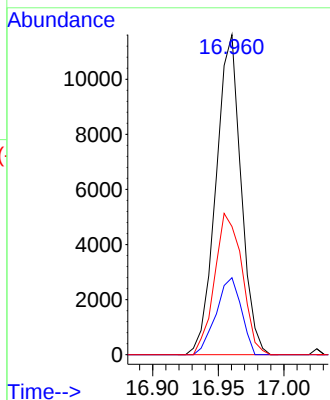
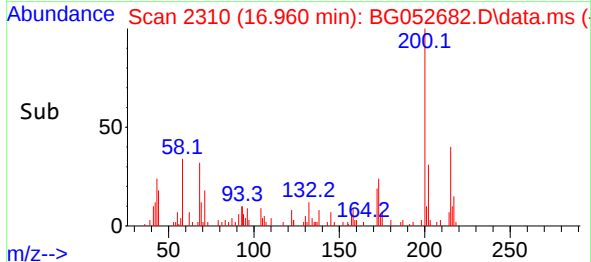
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2022



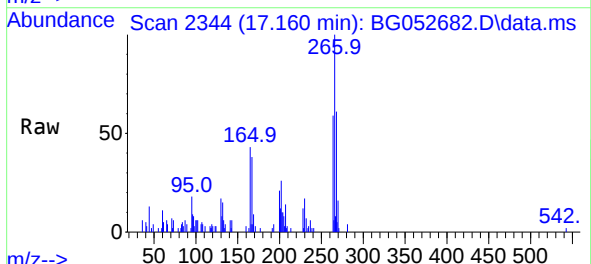
Tgt Ion:200 Resp: 15410
Ion Ratio Lower Upper
200 100
173 24.0 3.8 43.8
215 40.1 26.3 66.3

Manual Integrations
APPROVED

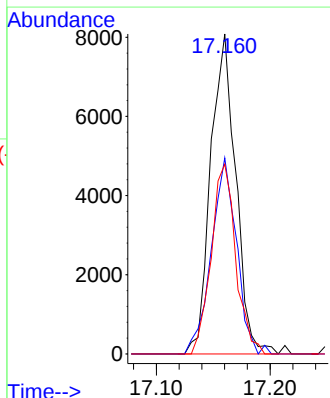
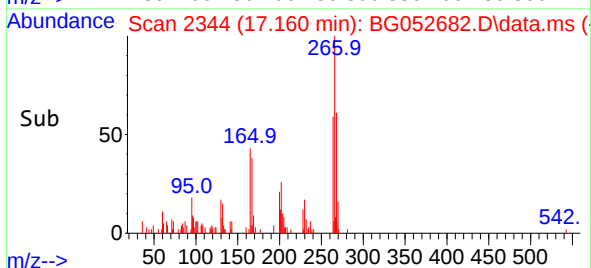
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

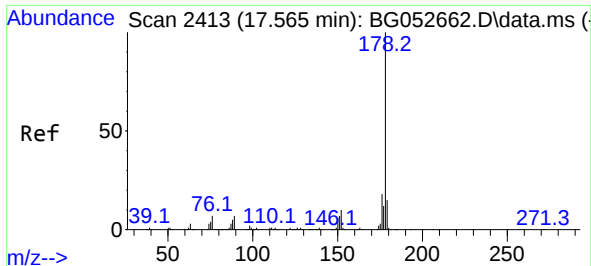


#70
Pentachlorophenol
Concen: 4.877 ng
RT: 17.160 min Scan# 2344
Delta R.T. -0.006 min
Lab File: BG052682.D
Acq: 16 Mar 2022 17:54



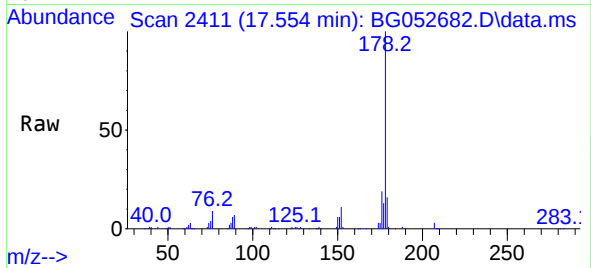
Tgt Ion:266 Resp: 12381
Ion Ratio Lower Upper
266 100
268 61.3 45.9 68.9
264 59.3 45.3 67.9





#71
Phenanthrene
Concen: 5.708 ng
RT: 17.554 min Scan# 2413
Delta R.T. -0.012 min
Lab File: BG052682.D
Acq: 16 Mar 2022 17:54

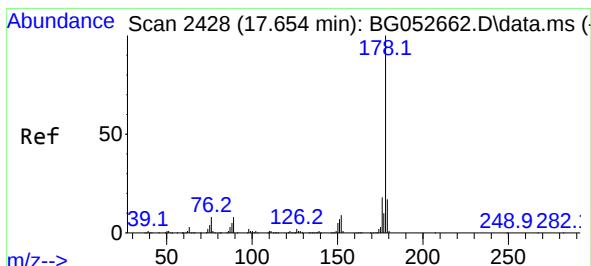
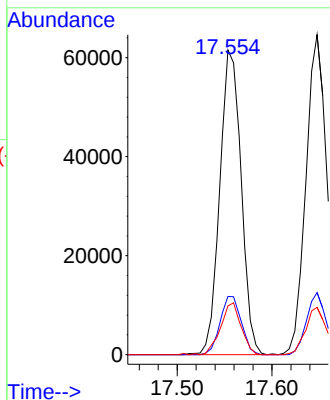
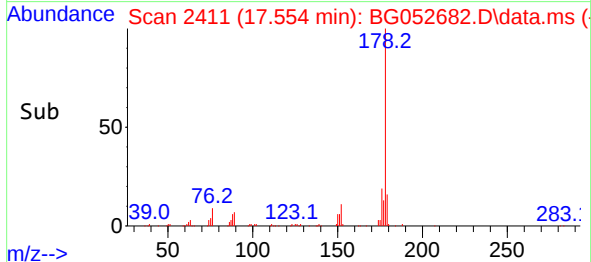
Instrument : BNA_G
ClientSampleId : LOQ-WATER-02-QT1-2022



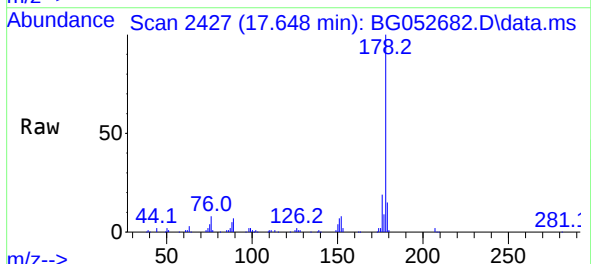
Tgt Ion:178 Resp: 96420
Ion Ratio Lower Upper
178 100
176 19.1 15.9 23.9
179 16.0 13.4 20.2

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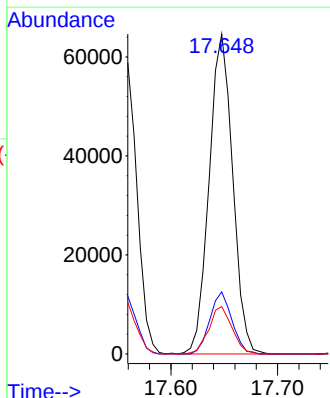
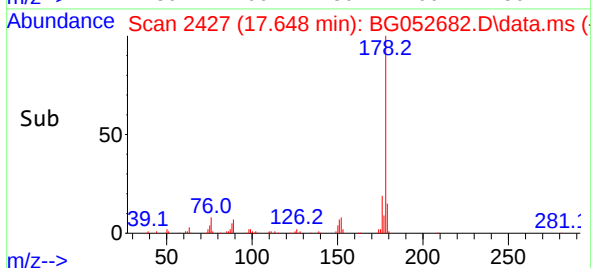
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

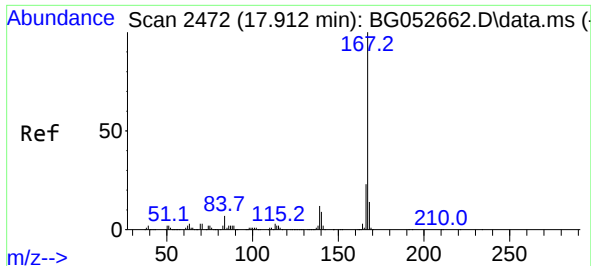


#72
Anthracene
Concen: 5.943 ng
RT: 17.648 min Scan# 2427
Delta R.T. -0.006 min
Lab File: BG052682.D
Acq: 16 Mar 2022 17:54



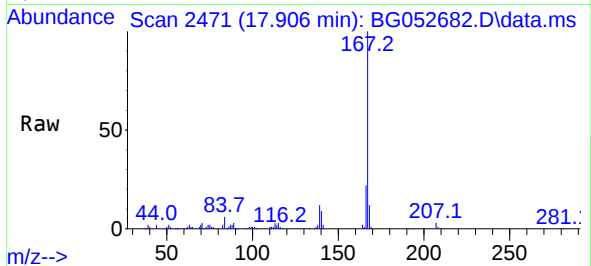
Tgt Ion:178 Resp: 99245
Ion Ratio Lower Upper
178 100
176 19.4 14.7 22.1
179 14.8 13.2 19.8





#73
 Carbazole
 Concen: 5.412 ng
 RT: 17.906 min Scan# 2472
 Delta R.T. -0.006 min
 Lab File: BG052682.D
 Acq: 16 Mar 2022 17:54

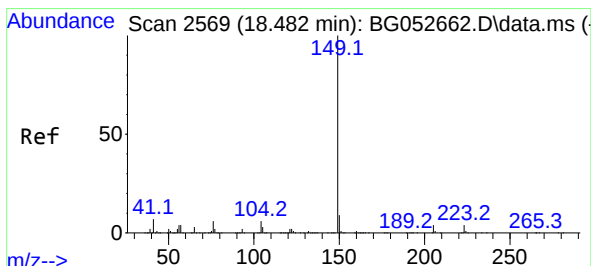
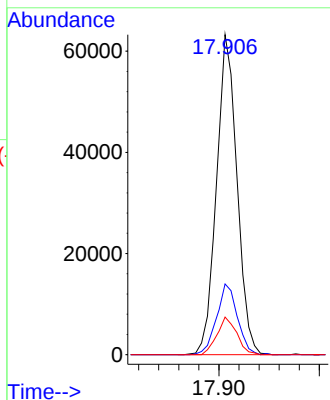
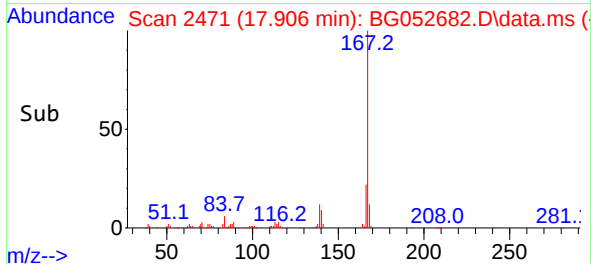
Instrument : BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT1-2022



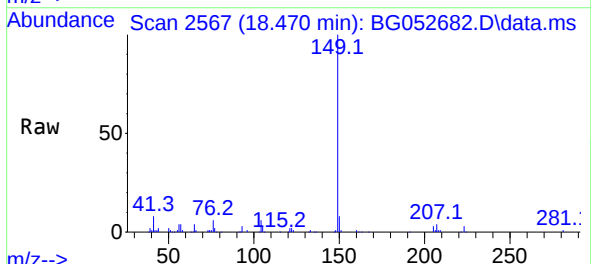
Tgt Ion:167 Resp: 89514
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.5 27.7
 139 11.8 10.0 15.0

Manual Integrations
 APPROVED

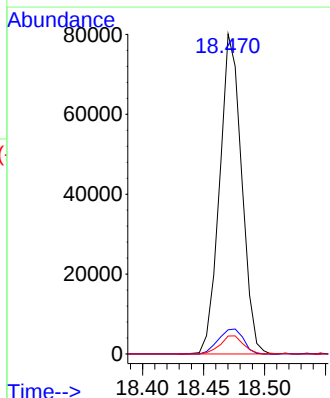
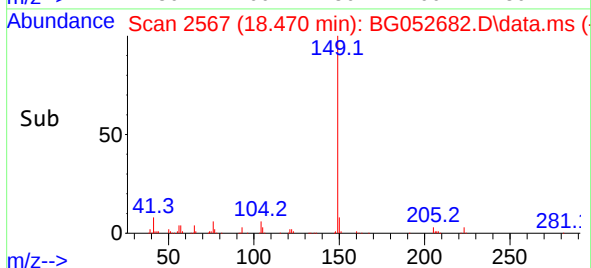
Reviewed By :Christian Giraldo 03/17/2022
 Supervised By :Jagrut Upadhyay 03/17/2022

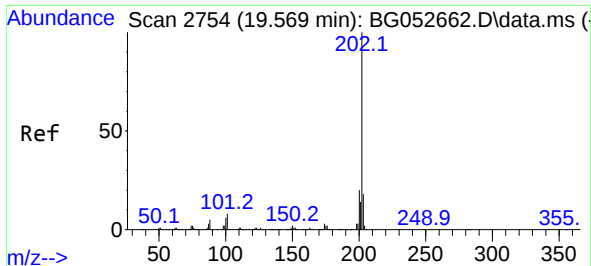


#74
 Di-n-butylphthalate
 Concen: 5.566 ng
 RT: 18.470 min Scan# 2567
 Delta R.T. -0.012 min
 Lab File: BG052682.D
 Acq: 16 Mar 2022 17:54



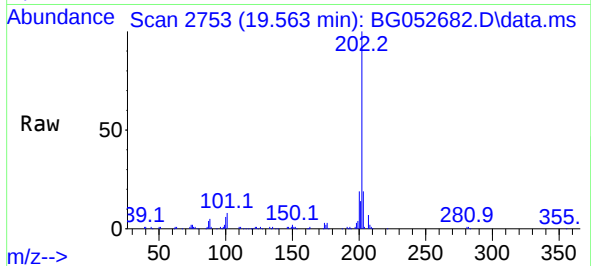
Tgt Ion:149 Resp: 100564
 Ion Ratio Lower Upper
 149 100
 150 7.6 7.0 10.6
 104 5.6 4.6 7.0





#75
Fluoranthene
Concen: 5.881 ng
RT: 19.563 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG052682.D
Acq: 16 Mar 2022 17:54

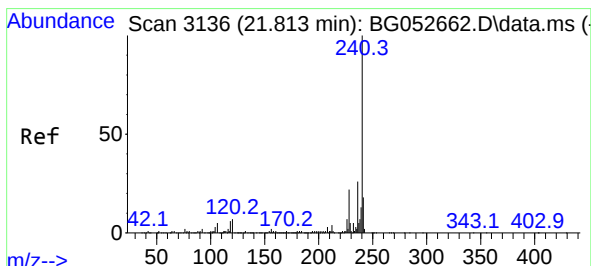
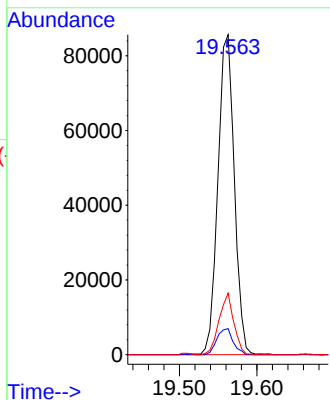
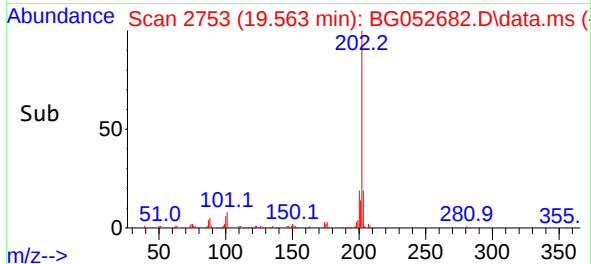
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2022



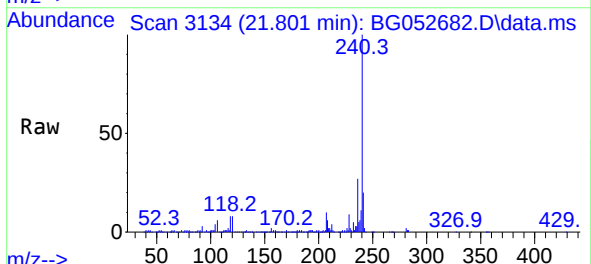
Tgt Ion:202 Resp: 126115
Ion Ratio Lower Upper
202 100
101 8.2 0.0 27.3
203 19.2 0.0 37.7

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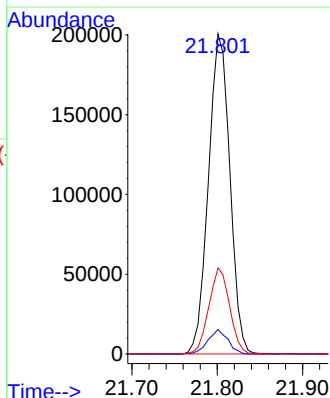
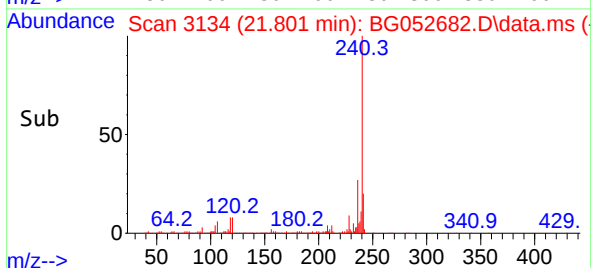
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

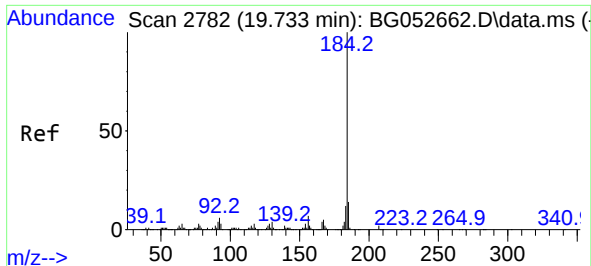


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.801 min Scan# 3134
Delta R.T. -0.012 min
Lab File: BG052682.D
Acq: 16 Mar 2022 17:54



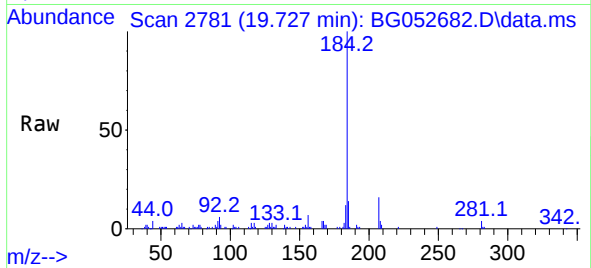
Tgt Ion:240 Resp: 350024
Ion Ratio Lower Upper
240 100
120 7.6 5.4 8.0
236 26.9 19.8 29.6





#77
Benzidine
Concen: 5.848 ng
RT: 19.727 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG052682.D
Acq: 16 Mar 2022 17:54

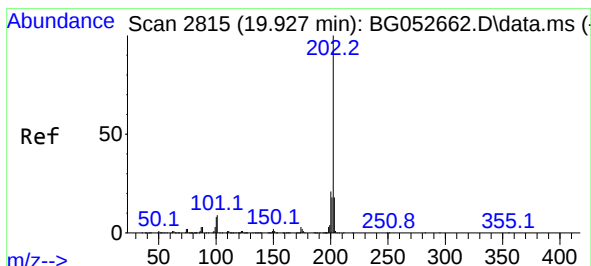
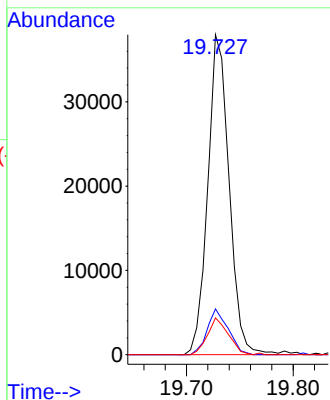
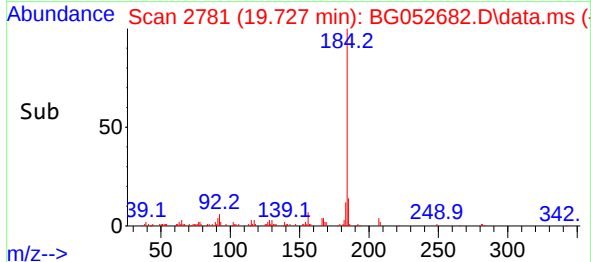
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2022



Tgt Ion:184 Resp: 52795
Ion Ratio Lower Upper
184 100
185 14.3 11.5 17.3
183 11.5 9.4 14.2

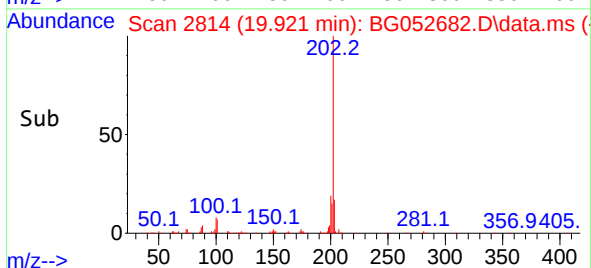
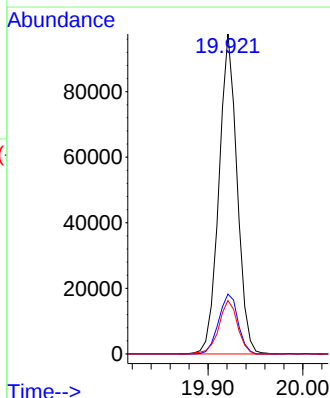
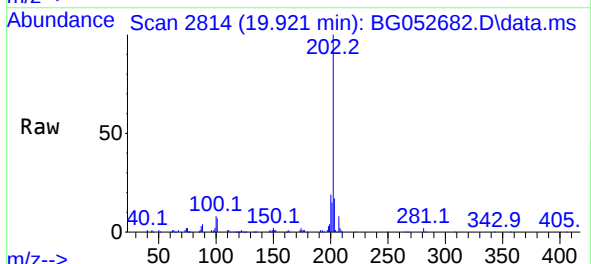
Manual Integrations
APPROVED

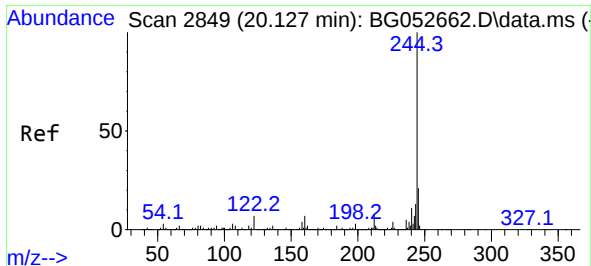
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#78
Pyrene
Concen: 5.350 ng
RT: 19.921 min Scan# 2814
Delta R.T. -0.006 min
Lab File: BG052682.D
Acq: 16 Mar 2022 17:54

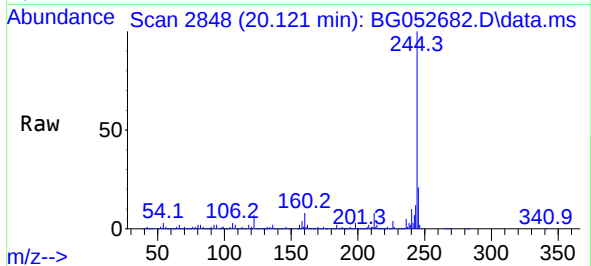
Tgt Ion:202 Resp: 129890
Ion Ratio Lower Upper
202 100
200 18.7 17.0 25.6
203 16.7 15.0 22.6





#79
 Terphenyl-d14
 Concen: 59.852 ng
 RT: 20.121 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG052682.D
 Acq: 16 Mar 2022 17:54

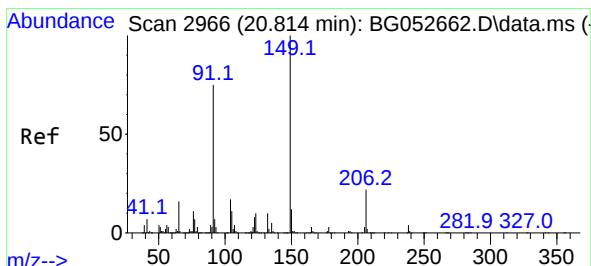
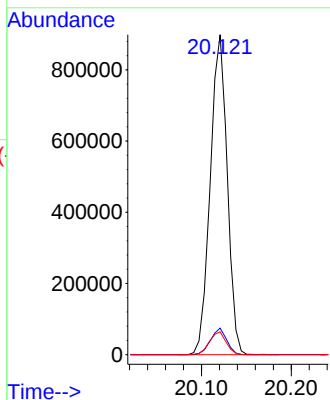
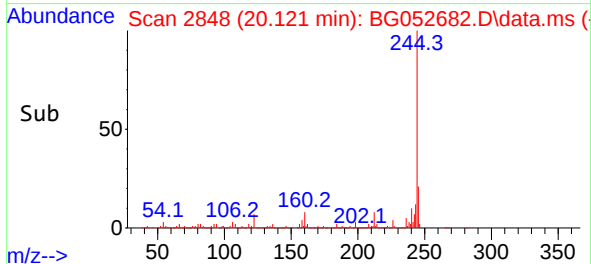
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT1-2022



Tgt Ion:244 Resp: 1177708
 Ion Ratio Lower Upper
 244 100
 212 8.3 5.4 8.2
 122 7.1 5.8 8.6

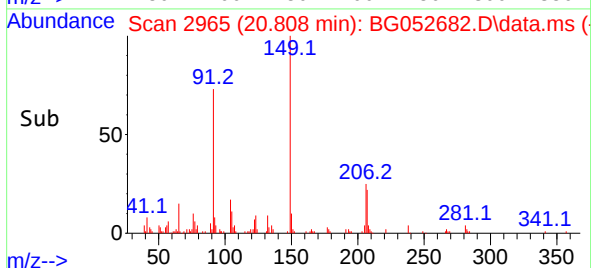
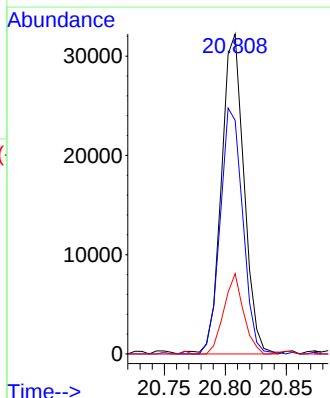
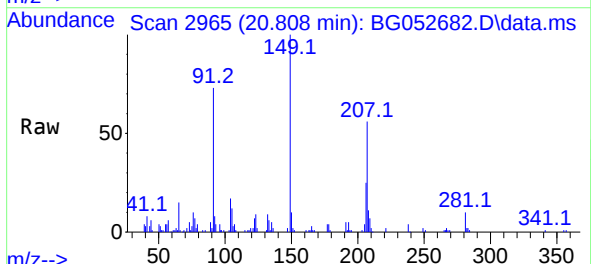
Manual Integrations
 APPROVED

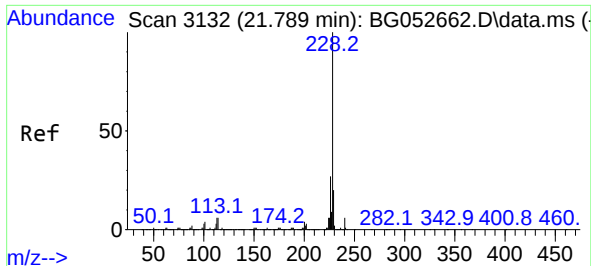
Reviewed By :Christian Giraldo 03/17/2022
 Supervised By :Jagrut Upadhyay 03/17/2022



#80
 Butylbenzylphthalate
 Concen: 4.822 ng
 RT: 20.808 min Scan# 2965
 Delta R.T. -0.006 min
 Lab File: BG052682.D
 Acq: 16 Mar 2022 17:54

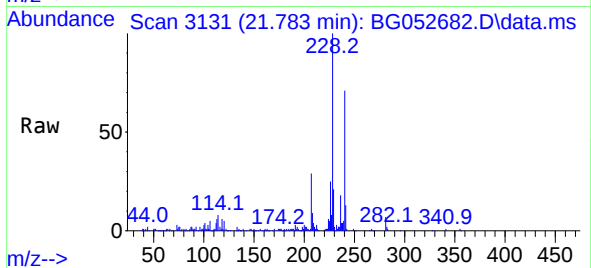
Tgt Ion:149 Resp: 41531
 Ion Ratio Lower Upper
 149 100
 91 73.0 60.2 90.4
 206 25.1 19.4 29.2





#81
Benzo(a)anthracene
Concen: 5.641 ng
RT: 21.783 min Scan# 3132
Delta R.T. -0.006 min
Lab File: BG052682.D
Acq: 16 Mar 2022 17:54

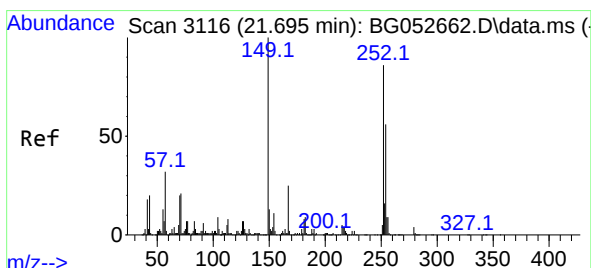
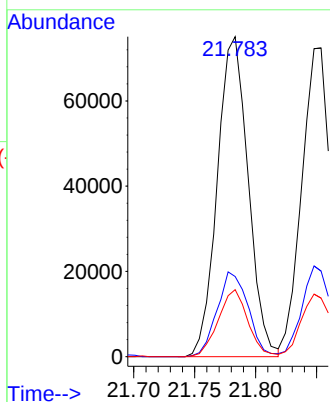
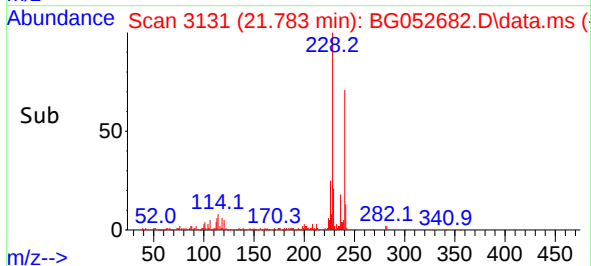
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2022



Tgt Ion:228 Resp: 132214
Ion Ratio Lower Upper
228 100
226 25.1 21.4 32.0
229 20.9 16.7 25.1

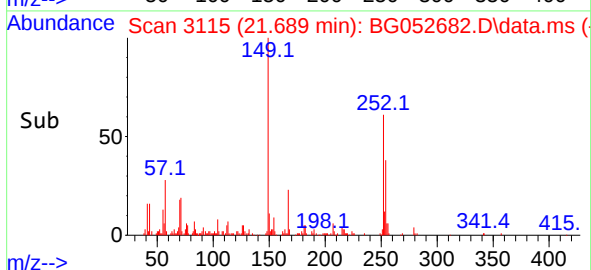
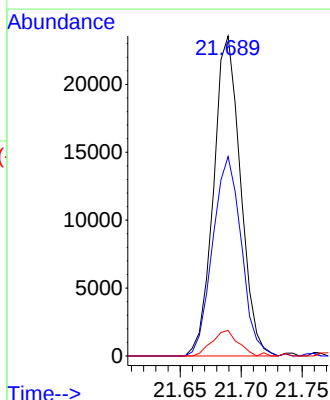
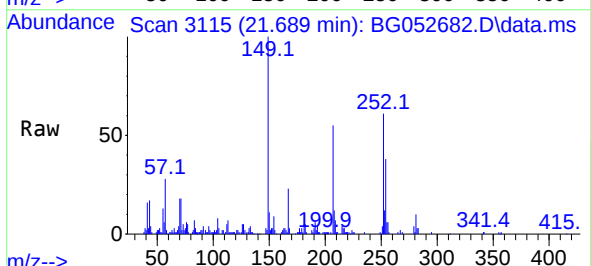
Manual Integrations
APPROVED

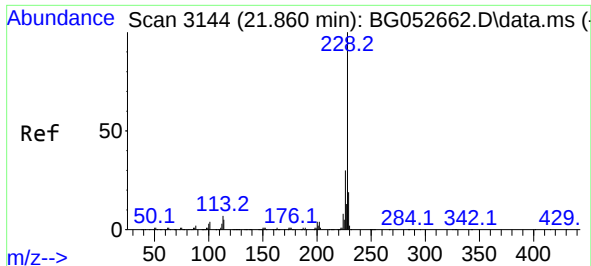
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#82
3,3'-Dichlorobenzidine
Concen: 4.367 ng
RT: 21.689 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BG052682.D
Acq: 16 Mar 2022 17:54

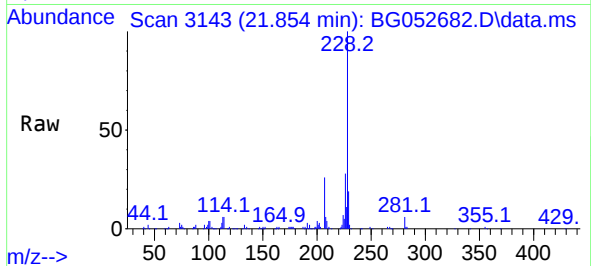
Tgt Ion:252 Resp: 36145
Ion Ratio Lower Upper
252 100
254 62.3 51.2 76.8
126 8.0 5.8 8.8





#83
Chrysene
Concen: 5.556 ng
RT: 21.854 min Scan# 3144
Delta R.T. -0.006 min
Lab File: BG052682.D
Acq: 16 Mar 2022 17:54

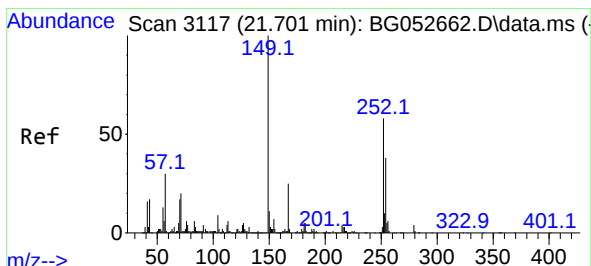
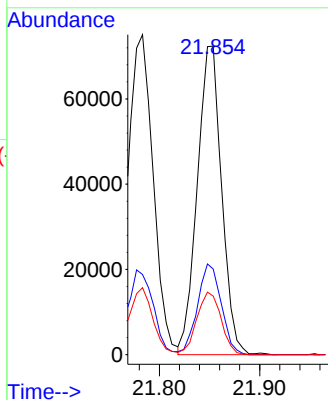
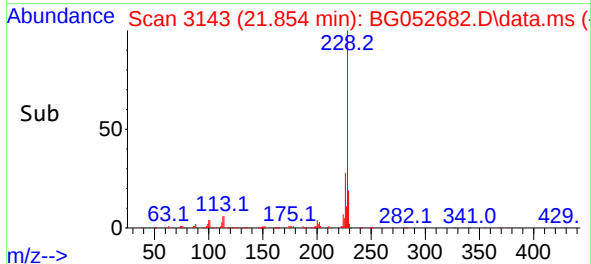
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2022



Tgt Ion:228 Resp: 122418
Ion Ratio Lower Upper
228 100
226 27.7 24.2 36.4
229 19.0 16.3 24.5

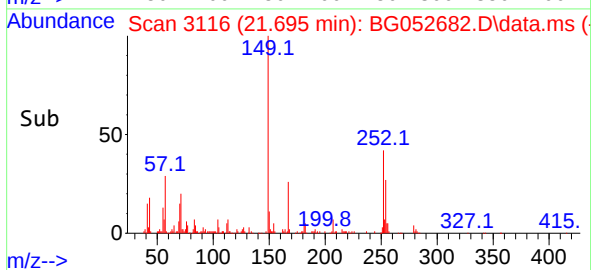
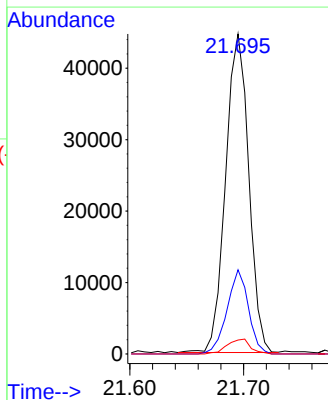
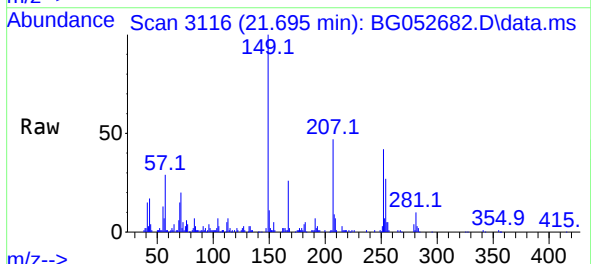
Manual Integrations
APPROVED

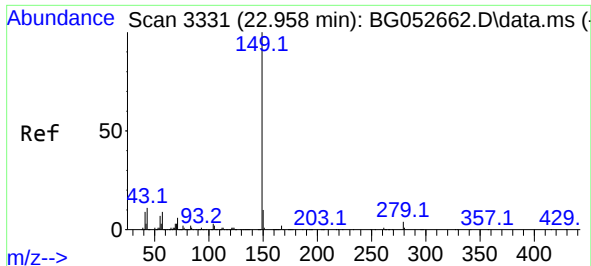
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 5.384 ng
RT: 21.695 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BG052682.D
Acq: 16 Mar 2022 17:54

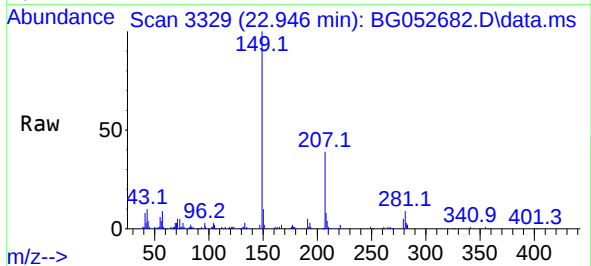
Tgt Ion:149 Resp: 63062
Ion Ratio Lower Upper
149 100
167 26.3 21.4 32.2
279 4.4 3.8 5.8





#85
Di-n-octyl phthalate
Concen: 4.976 ng
RT: 22.946 min Scan# 31
Delta R.T. -0.012 min
Lab File: BG052682.D
Acq: 16 Mar 2022 17:54

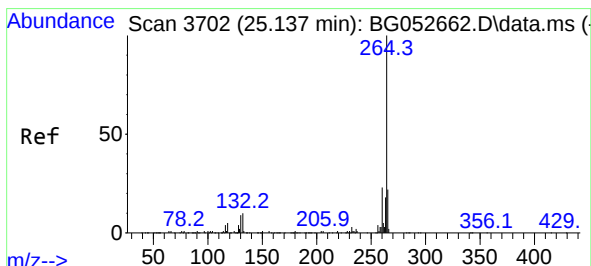
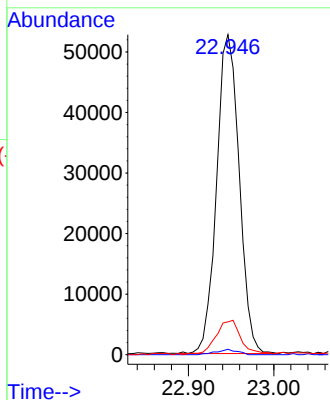
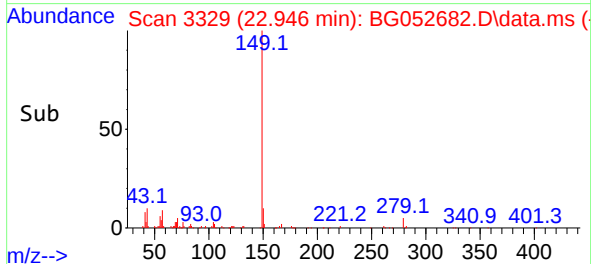
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2022



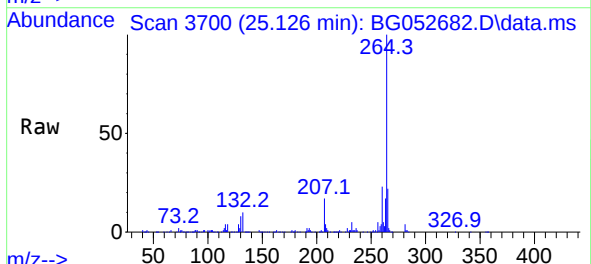
Tgt Ion:149 Resp: 9702
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 12.1 7.6 11.4

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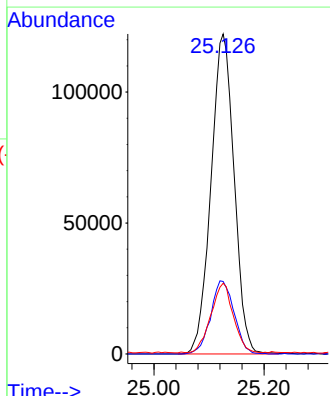
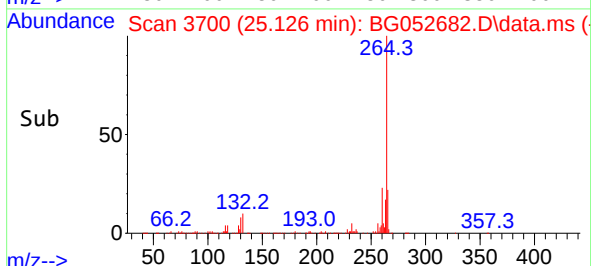
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

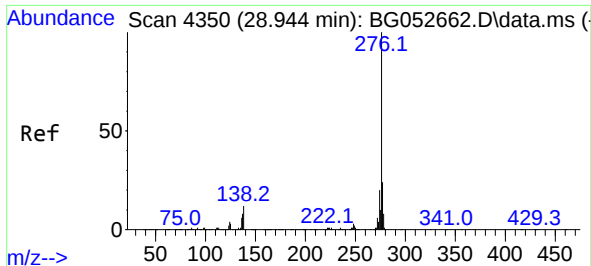


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.126 min Scan# 3700
Delta R.T. -0.012 min
Lab File: BG052682.D
Acq: 16 Mar 2022 17:54



Tgt Ion:264 Resp: 356261
Ion Ratio Lower Upper
264 100
260 22.7 18.2 27.2
265 22.1 15.1 22.7





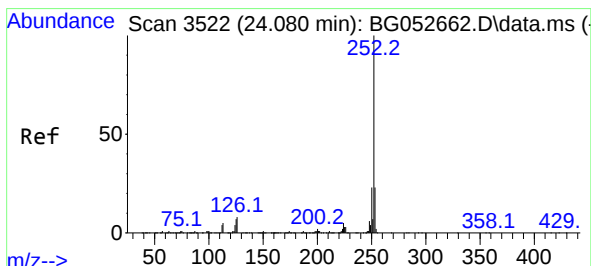
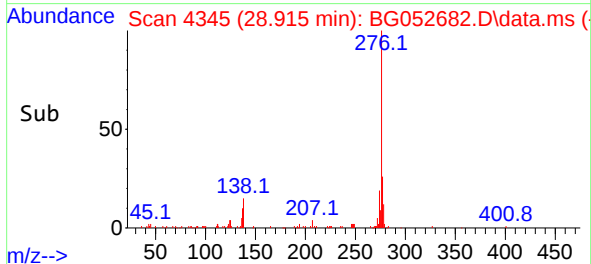
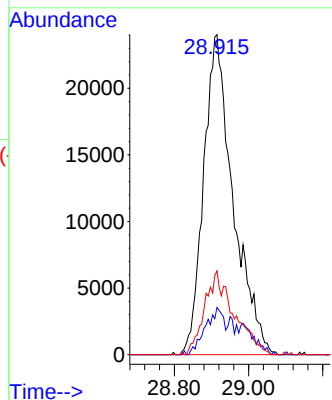
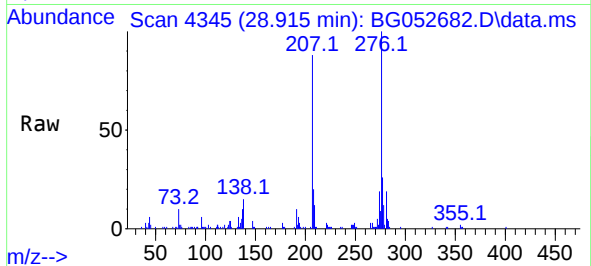
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 5.444 ng
 RT: 28.915 min Scan# 41
 Delta R.T. -0.029 min
 Lab File: BG052682.D
 Acq: 16 Mar 2022 17:54

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

Tgt Ion:276 Resp: 13275
 Ion Ratio Lower Upper
 276 100
 138 9.1 8.7 13.1
 277 14.1 20.2 30.4

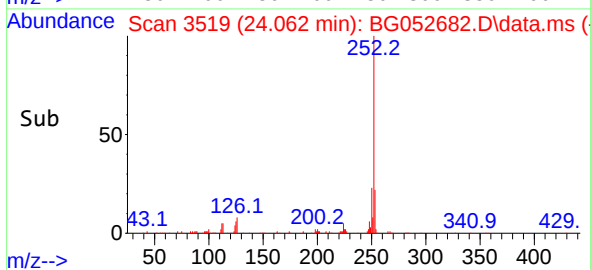
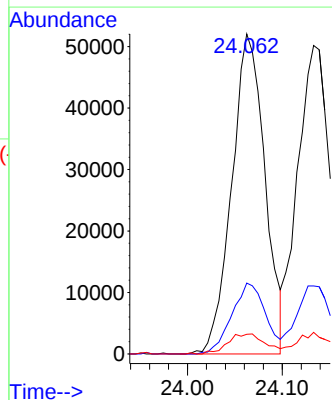
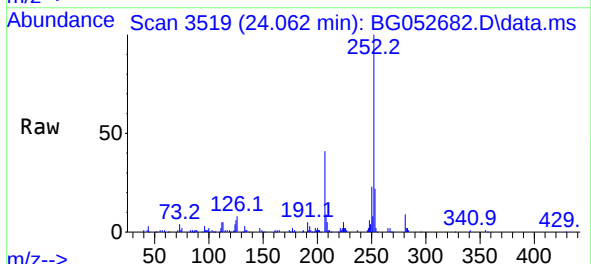
Manual Integrations
 APPROVED

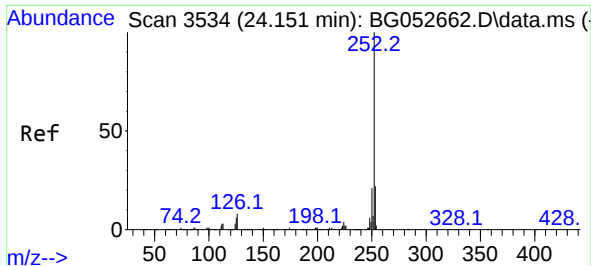
Reviewed By :Christian Giraldo 03/17/2022
 Supervised By :Jagrut Upadhyay 03/17/2022



#88
 Benzo(b)fluoranthene
 Concen: 5.717 ng
 RT: 24.062 min Scan# 3519
 Delta R.T. -0.018 min
 Lab File: BG052682.D
 Acq: 16 Mar 2022 17:54

Tgt Ion:252 Resp: 126468
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.2 25.8
 125 6.1 5.2 7.8





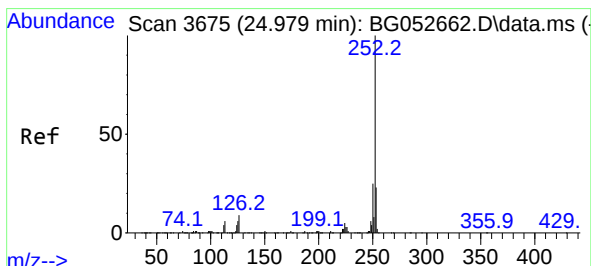
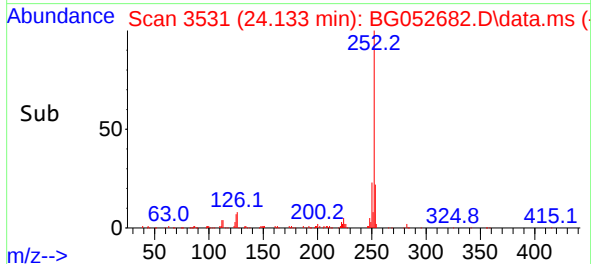
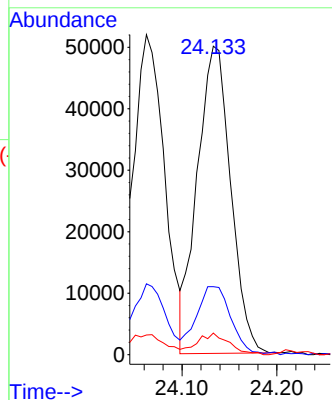
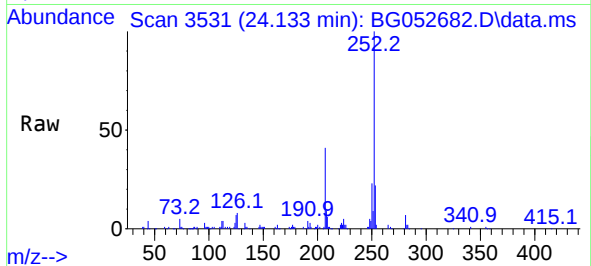
#89
Benzo(k)fluoranthene
Concen: 5.627 ng
RT: 24.133 min Scan# 3534
Delta R.T. -0.018 min
Lab File: BG052682.D
Acq: 16 Mar 2022 17:54

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

Tgt Ion:252 Resp: 12246
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 7.0 5.0 7.4

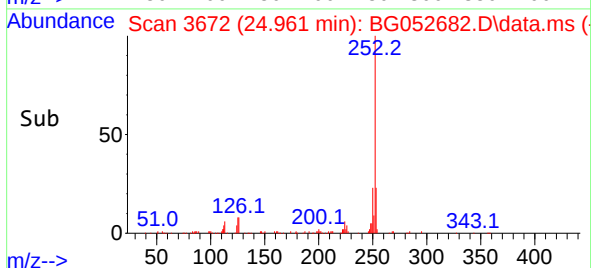
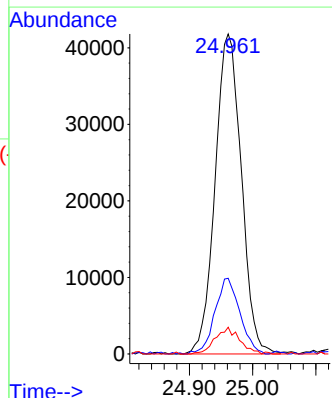
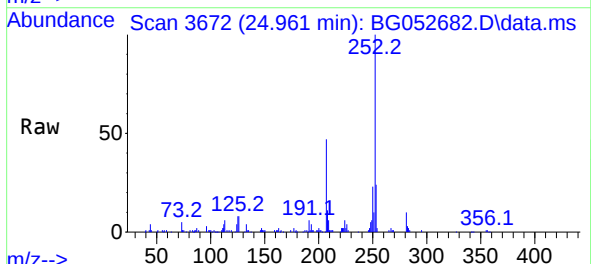
Manual Integrations
APPROVED

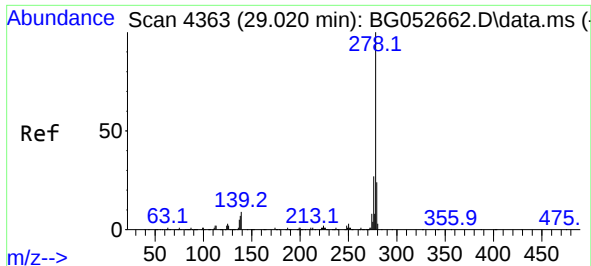
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#90
Benzo(a)pyrene
Concen: 6.429 ng
RT: 24.961 min Scan# 3672
Delta R.T. -0.018 min
Lab File: BG052682.D
Acq: 16 Mar 2022 17:54

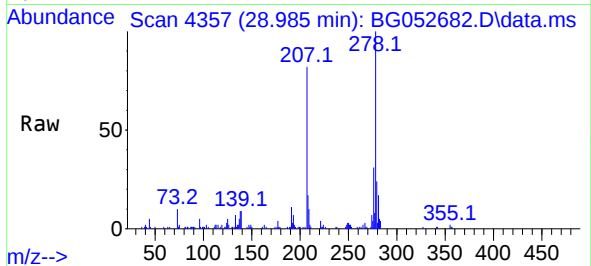
Tgt Ion:252 Resp: 120387
Ion Ratio Lower Upper
252 100
253 23.6 18.4 27.6
125 8.4 5.6 8.4





#91
Dibenzo(a,h)anthracene
Concen: 5.807 ng
RT: 28.985 min Scan# 41
Delta R.T. -0.035 min
Lab File: BG052682.D
Acq: 16 Mar 2022 17:54

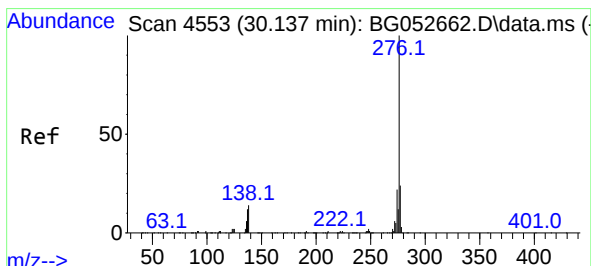
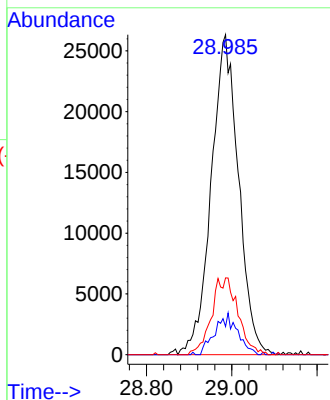
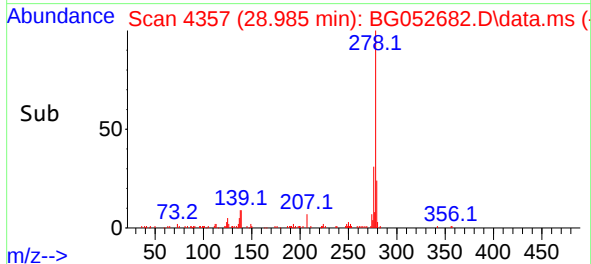
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2022



Tgt Ion: 278 Resp: 116680
Ion Ratio Lower Upper
278 100
139 8.8 7.8 11.6
279 24.0 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: 5.689 ng
RT: 30.101 min Scan# 4547
Delta R.T. -0.035 min
Lab File: BG052682.D
Acq: 16 Mar 2022 17:54

Tgt Ion: 276 Resp: 113104
Ion Ratio Lower Upper
276 100
277 22.2 18.2 27.2
138 14.0 9.1 13.7#

