

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021722\
 Data File : BG052417.D
 Acq On : 17 Feb 2022 13:08
 Operator : CG/JU
 Sample : M4068-08
 Misc : LOQ-WATER 10ppm
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT4-2021

Quant Time: Feb 17 13:47:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 17 11:30:33 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 02/22/2022
 Supervised By : Jagrut Upadhyay 02/22/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.240	152	27216	20.000	ng	0.02
21) Naphthalene-d8	11.072	136	113731	20.000	ng	0.00
39) Acenaphthene-d10	14.878	164	85629	20.000	ng	0.00
64) Phenanthrene-d10	17.622	188	211257	20.000	ng	0.00
76) Chrysene-d12	21.934	240	223552	20.000	ng	0.00
86) Perylene-d12	25.405	264	223719	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.767	112	170294	109.053	ng	0.02
7) Phenol-d6	7.383	99	249331	103.482	ng	0.01
23) Nitrobenzene-d5	9.409	82	184179	70.382	ng	0.01
42) 2,4,6-Tribromophenol	16.365	330	132262	107.513	ng	0.00
45) 2-Fluorobiphenyl	13.504	172	444931	72.201	ng	0.01
79) Terphenyl-d14	20.218	244	893304	70.563	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.594	88	5677	7.895	ng	88
3) Pyridine	4.011	79	22948	11.004	ng	# 86
4) n-Nitrosodimethylamine	3.911	42	10639	9.880	ng	# 77
6) Aniline	7.547	93	35626	12.727	ng	95
8) 2-Chlorophenol	7.800	128	20388	11.868	ng	94
9) Benzaldehyde	7.359	77	16746	11.322	ng	94
10) Phenol	7.412	94	28082	11.730	ng	92
11) bis(2-Chloroethyl)ether	7.641	93	21361	11.674	ng	95
12) 1,3-Dichlorobenzene	8.129	146	22448	11.469	ng	94
13) 1,4-Dichlorobenzene	8.276	146	23758	11.907	ng	98
14) 1,2-Dichlorobenzene	8.599	146	23099	11.738	ng	97
15) Benzyl Alcohol	8.469	79	22490	11.247	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.769	45	29614	11.207	ng	94
17) 2-Methylphenol	8.681	107	18422	11.662	ng	# 93
18) Hexachloroethane	9.339	117	8240	11.877	ng	91
19) n-Nitroso-di-n-propyla...	9.039	70	21250	11.699	ng	# 91
20) 3+4-Methylphenols	9.010	107	25199	11.150	ng	94
22) Acetophenone	9.063	105	23898	7.951	ng	# 99
24) Nitrobenzene	9.450	77	29998	12.085	ng	# 89
25) Isophorone	9.973	82	58899	13.228	ng	99
26) 2-Nitrophenol	10.173	139	12429	11.813	ng	88
27) 2,4-Dimethylphenol	10.226	122	22215	14.261	ng	90
28) bis(2-Chloroethoxy)met...	10.455	93	30703	12.150	ng	98
29) 2,4-Dichlorophenol	10.719	162	21578	11.556	ng	95
30) 1,2,4-Trichlorobenzene	10.937	180	26247	12.038	ng	98
31) Naphthalene	11.125	128	74588	12.510	ng	# 93
32) Benzoic acid	10.343	122	10917m	11.932	ng	
33) 4-Chloroaniline	11.230	127	31277	12.565	ng	97
34) Hexachlorobutadiene	11.412	225	17161	11.654	ng	96
35) Caprolactam	11.971	113	5646	8.297	ng	# 79
36) 4-Chloro-3-methylphenol	12.335	107	26573	12.509	ng	90
37) 2-Methylnaphthalene	12.717	142	55054	12.432	ng	100
38) 1-Methylnaphthalene	12.934	142	54296	12.653	ng	# 92
40) 1,2,4,5-Tetrachloroben...	13.087	216	22236	7.895	ng	97
41) Hexachlorocyclopentadiene	13.063	237	13074	10.994	ng	98
43) 2,4,6-Trichlorophenol	13.316	196	20721	11.249	ng	95

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Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT4-2021

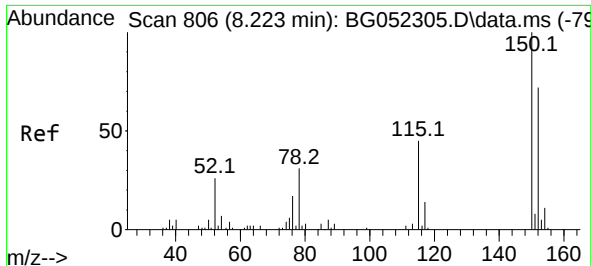
Quant Time: Feb 17 13:47:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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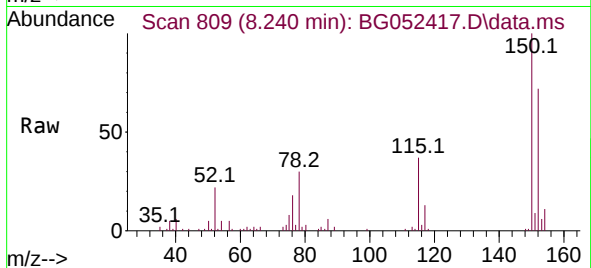
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.392	196	23622	11.834	ng	93
46) 1,1'-Biphenyl	13.709	154	52105	8.298	ng	99
47) 2-Chloronaphthalene	13.756	162	60768	12.562	ng	97
48) 2-Nitroaniline	13.950	65	20119	11.682	ng	93
49) Acenaphthylene	14.602	152	105255	13.366	ng	96
50) Dimethylphthalate	14.314	163	78877	12.025	ng	99
51) 2,6-Dinitrotoluene	14.438	165	18186	12.848	ng	# 87
52) Acenaphthene	14.937	154	63915m	12.393	ng	
53) 3-Nitroaniline	14.767	138	18022	12.249	ng	96
54) 2,4-Dinitrophenol	14.984	184	8284	10.793	ng	# 83
55) Dibenzofuran	15.272	168	98897	12.194	ng	99
56) 4-Nitrophenol	15.078	139	16071	14.545	ng	# 77
57) 2,4-Dinitrotoluene	15.225	165	25311	12.563	ng	# 86
58) Fluorene	15.918	166	84340	13.026	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.501	232	19804	10.385	ng	# 95
60) Diethylphthalate	15.671	149	82871	12.506	ng	98
61) 4-Chlorophenyl-phenyle...	15.901	204	45628	12.371	ng	96
62) 4-Nitroaniline	15.930	138	19521	12.603	ng	86
63) Azobenzene	16.200	77	82683	12.189	ng	92
65) 4,6-Dinitro-2-methylph...	15.995	198	12304	9.682	ng	89
66) n-Nitrosodiphenylamine	16.118	169	73025	12.546	ng	97
67) 4-Bromophenyl-phenylether	16.799	248	30585	11.905	ng	99
68) Hexachlorobenzene	16.934	284	35244	12.648	ng	# 87
69) Atrazine	17.052	200	19371	8.232	ng	87
70) Pentachlorophenol	17.275	266	14911m	10.938	ng	
71) Phenanthrene	17.663	178	140431	12.895	ng	96
72) Anthracene	17.757	178	141111	13.223	ng	99
73) Carbazole	18.021	167	132157	12.697	ng	98
74) Di-n-butylphthalate	18.562	149	147513	13.008	ng	98
75) Fluoranthene	19.666	202	186476	13.447	ng	99
77) Benzidine	19.836	184	48876	10.232	ng	99
78) Pyrene	20.030	202	187476	12.533	ng	98
80) Butylbenzylphthalate	20.894	149	63299	12.182	ng	94
81) Benzo(a)anthracene	21.916	228	187988	12.708	ng	98
82) 3,3'-Dichlorobenzidine	21.816	252	43249	8.374	ng	# 92
83) Chrysene	21.986	228	169776	12.111	ng	98
84) Bis(2-ethylhexyl)phtha...	21.793	149	89466	12.417	ng	98
85) Di-n-octyl phthalate	23.085	149	150718	12.477	ng	95
87) Indeno(1,2,3-cd)pyrene	29.400	276	194703	11.893	ng	# 98
88) Benzo(b)fluoranthene	24.295	252	187177	13.426	ng	99
89) Benzo(k)fluoranthene	24.366	252	182674	13.264	ng	97
90) Benzo(a)pyrene	25.241	252	175722	14.921	ng	# 97
91) Dibenzo(a,h)anthracene	29.470	278	171260	12.663	ng	95
92) Benzo(g,h,i)perylene	30.651	276	168214	12.674	ng	99

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.240 min Scan# 80
 Delta R.T. 0.017 min
 Lab File: BG052417.D
 Acq: 17 Feb 2022 13:08

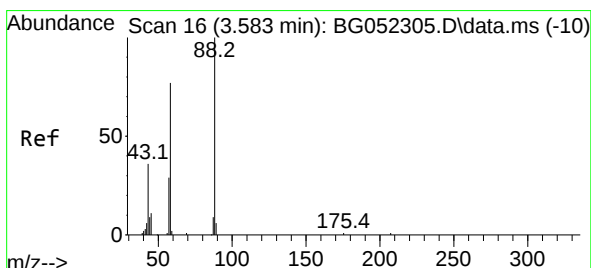
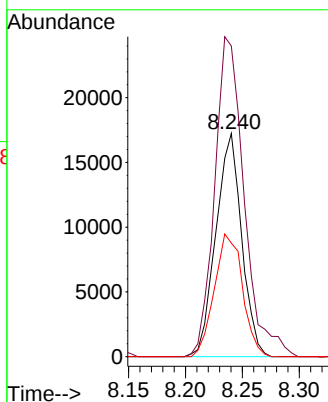
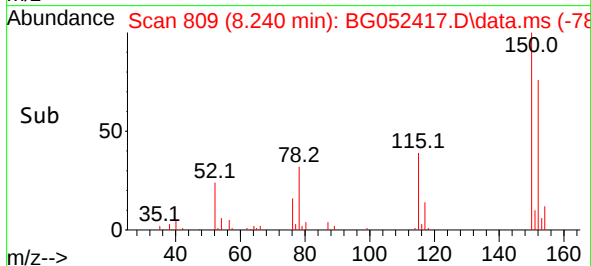
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT4-2021



Tgt Ion:152 Resp: 27210
 Ion Ratio Lower Upper
 152 100
 150 139.2 117.8 176.8
 115 50.9 50.2 75.2

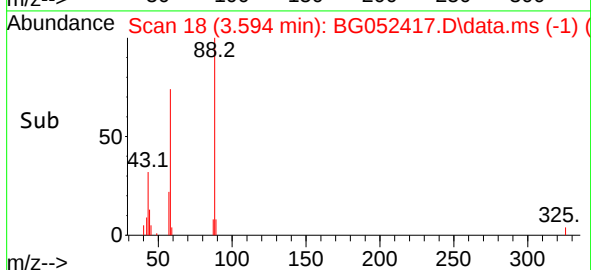
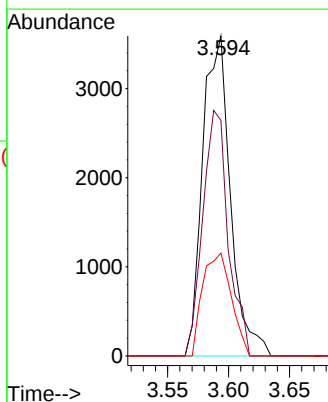
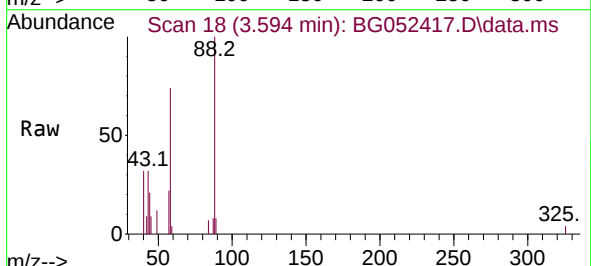
Manual Integrations
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Reviewed By :Christian Giraldo 02/22/2022
 Supervised By :Jagrut Upadhyay 02/22/2022



#2
 1,4-Dioxane
 Concen: 7.895 ng
 RT: 3.594 min Scan# 18
 Delta R.T. 0.011 min
 Lab File: BG052417.D
 Acq: 17 Feb 2022 13:08

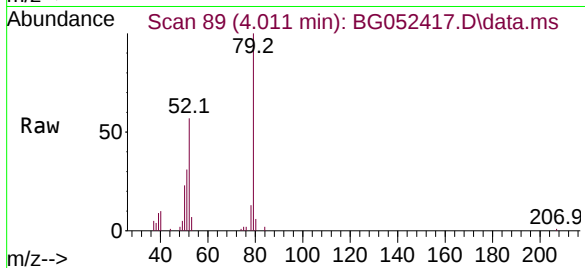
Tgt Ion: 88 Resp: 5677
 Ion Ratio Lower Upper
 88 100
 58 70.4 65.8 98.8
 43 33.2 31.6 47.4





#3
Pyridine
Concen: 11.004 ng
RT: 4.011 min Scan# 89
Delta R.T. 0.017 min
Lab File: BG052417.D
Acq: 17 Feb 2022 13:08

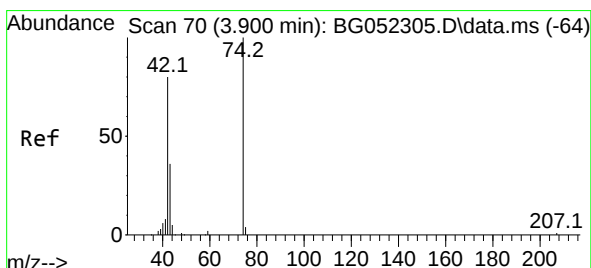
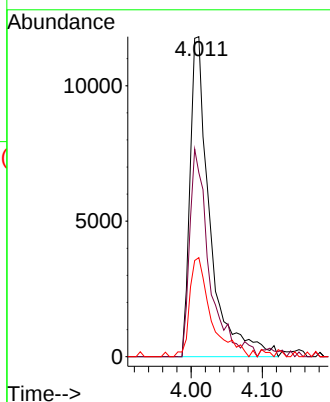
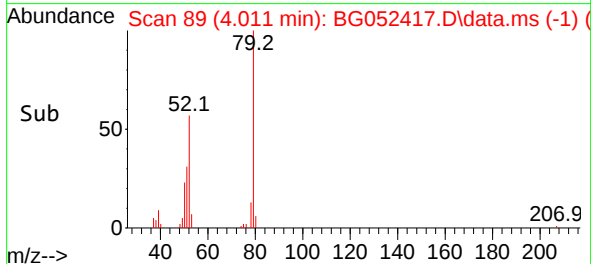
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021



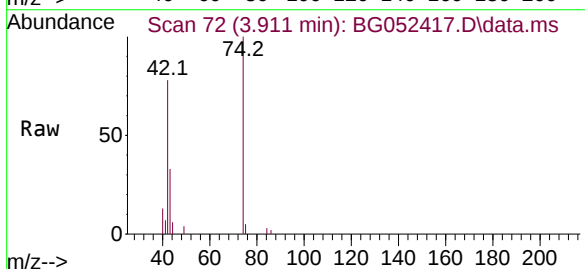
Tgt Ion: 79 Resp: 22948
Ion Ratio Lower Upper
79 100
52 57.5 55.0 82.6
51 31.0 32.5 48.7

Manual Integrations
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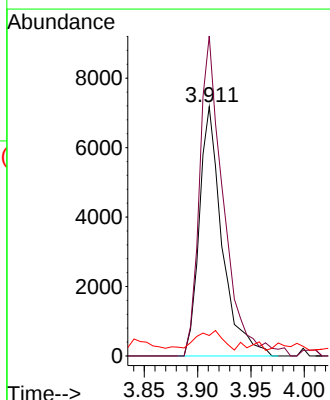
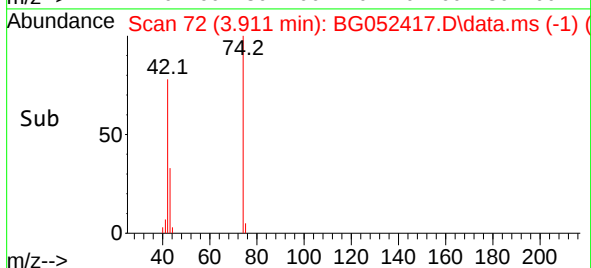
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#4
n-Nitrosodimethylamine
Concen: 9.880 ng
RT: 3.911 min Scan# 72
Delta R.T. 0.011 min
Lab File: BG052417.D
Acq: 17 Feb 2022 13:08



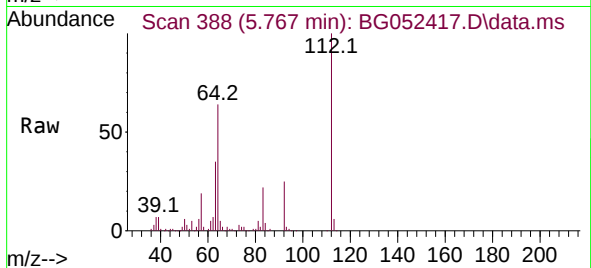
Tgt Ion: 42 Resp: 10639
Ion Ratio Lower Upper
42 100
74 128.4 83.0 124.4#
44 8.2 5.0 7.6#





#5
2-Fluorophenol
Concen: 109.053 ng
RT: 5.767 min Scan# 385
Delta R.T. 0.017 min
Lab File: BG052417.D
Acq: 17 Feb 2022 13:08

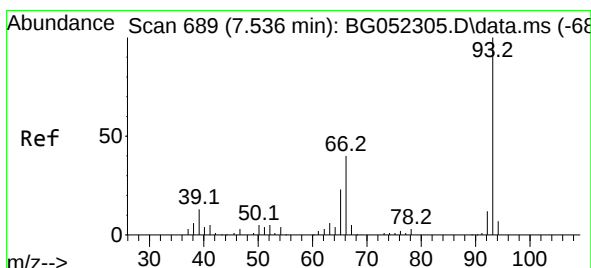
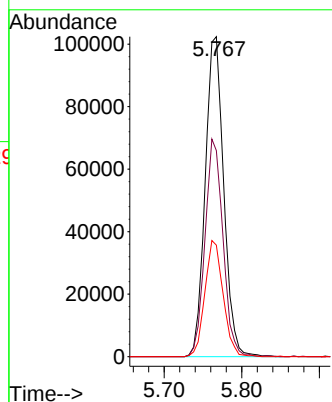
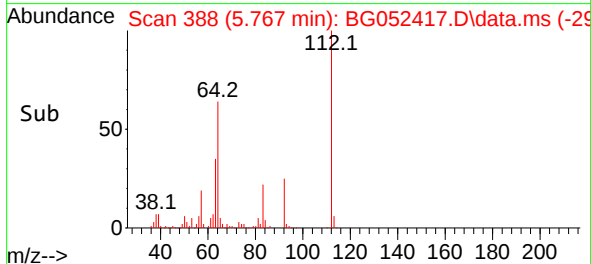
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion: 112 Resp: 170294
Ion Ratio Lower Upper
112 100
64 64.4 60.4 90.6
63 34.9 33.3 49.9

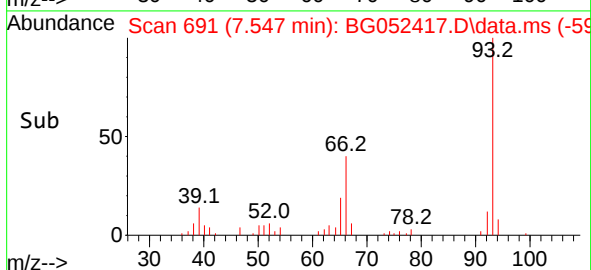
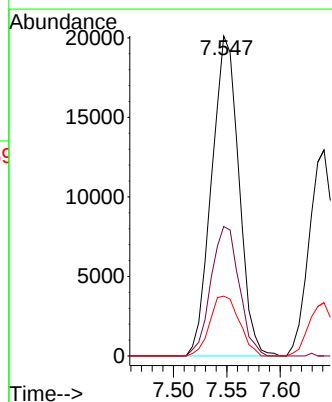
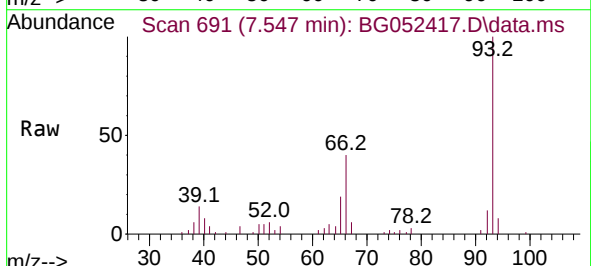
Manual Integrations
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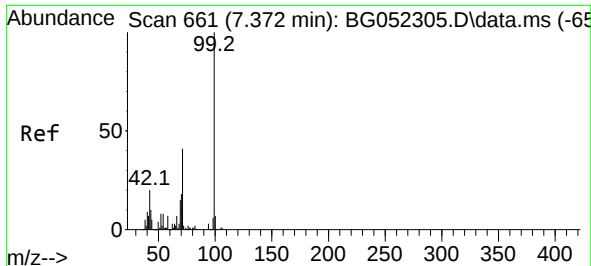
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#6
Aniline
Concen: 12.727 ng
RT: 7.547 min Scan# 691
Delta R.T. 0.011 min
Lab File: BG052417.D
Acq: 17 Feb 2022 13:08

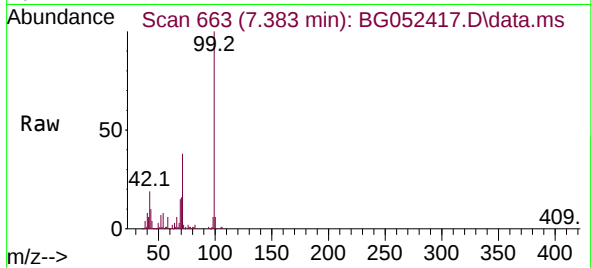
Tgt Ion: 93 Resp: 35626
Ion Ratio Lower Upper
93 100
66 40.5 34.3 51.5
65 18.7 17.6 26.4





#7
Phenol-d6
Concen: 103.482 ng
RT: 7.383 min Scan# 661
Delta R.T. 0.011 min
Lab File: BG052417.D
Acq: 17 Feb 2022 13:08

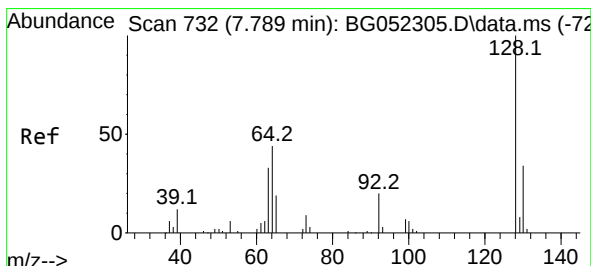
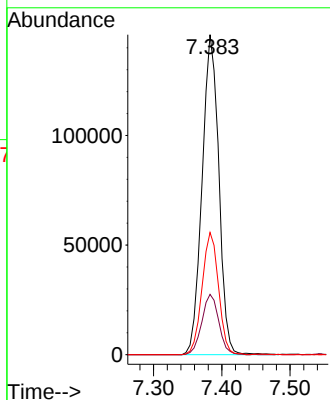
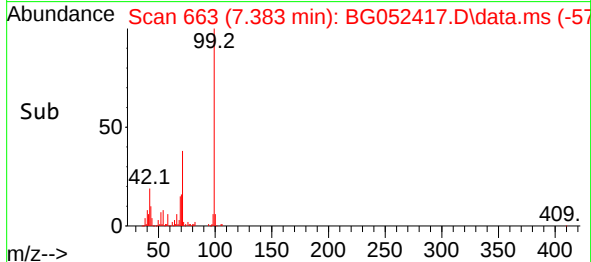
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ClientSampleId :
LOQ-WATER-02-QT4-2021



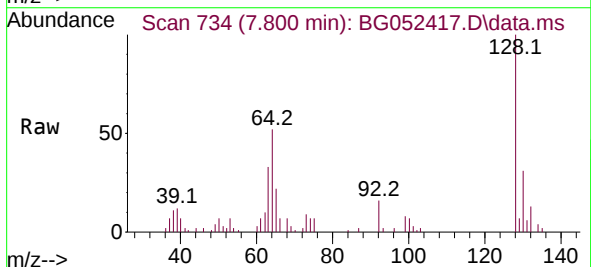
Tgt Ion: 99 Resp: 24933
Ion Ratio Lower Upper
99 100
42 18.9 19.1 28.7
71 38.2 33.4 50.2

Manual Integrations
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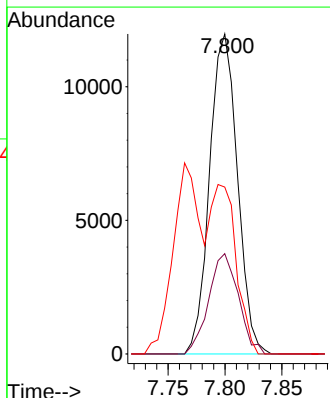
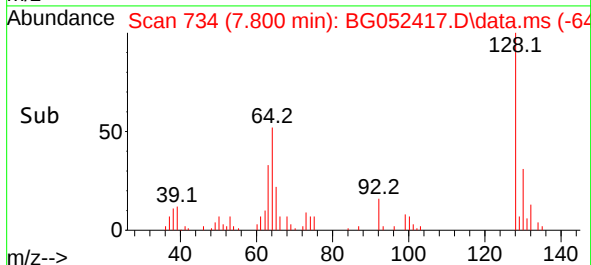
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#8
2-Chlorophenol
Concen: 11.868 ng
RT: 7.800 min Scan# 734
Delta R.T. 0.011 min
Lab File: BG052417.D
Acq: 17 Feb 2022 13:08



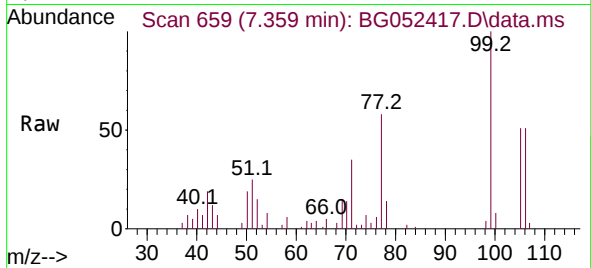
Tgt Ion:128 Resp: 20388
Ion Ratio Lower Upper
128 100
130 31.3 13.6 53.6
64 52.2 37.8 77.8





#9
Benzaldehyde
Concen: 11.322 ng
RT: 7.359 min Scan# 61
Delta R.T. 0.011 min
Lab File: BG052417.D
Acq: 17 Feb 2022 13:08

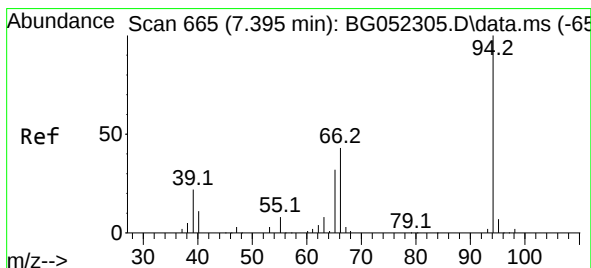
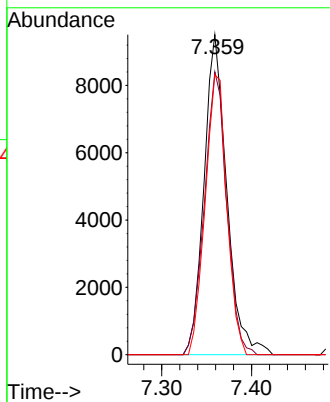
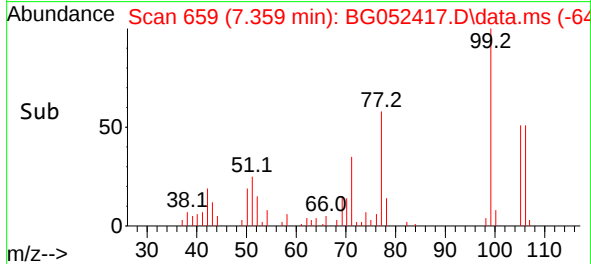
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021



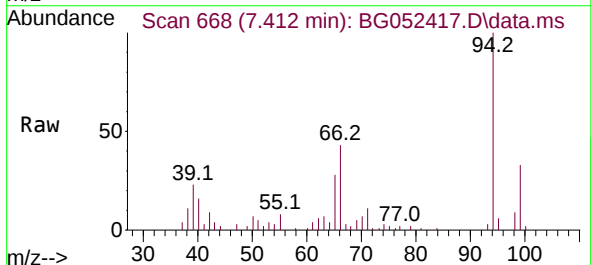
Tgt Ion: 77 Resp: 16740
Ion Ratio Lower Upper
77 100
105 88.4 66.1 106.1
106 87.5 58.1 98.1

Manual Integrations
APPROVED

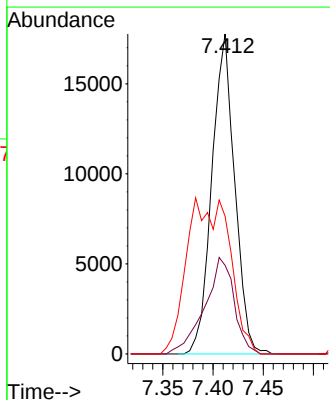
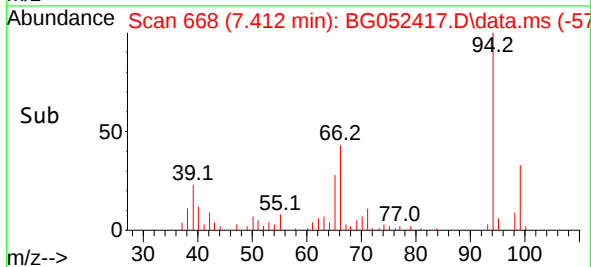
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#10
Phenol
Concen: 11.730 ng
RT: 7.412 min Scan# 668
Delta R.T. 0.017 min
Lab File: BG052417.D
Acq: 17 Feb 2022 13:08



Tgt Ion: 94 Resp: 28082
Ion Ratio Lower Upper
94 100
65 27.7 14.1 54.1
66 43.1 26.6 66.6





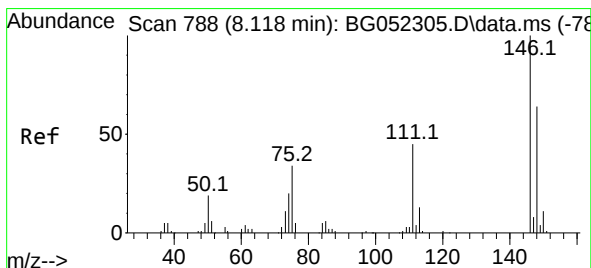
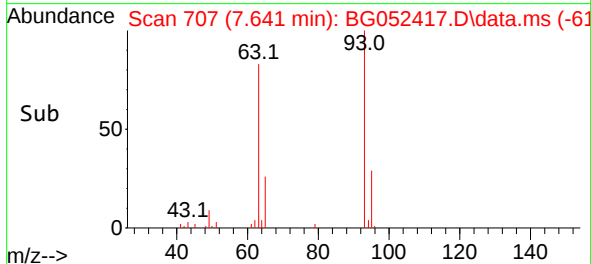
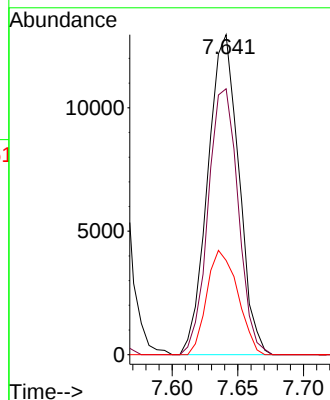
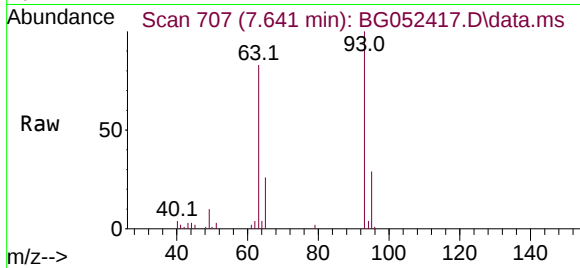
#11
bis(2-Chloroethyl)ether
Concen: 11.674 ng
RT: 7.641 min Scan# 705
Delta R.T. 0.011 min
Lab File: BG052417.D
Acq: 17 Feb 2022 13:08

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion: 93 Resp: 2136
Ion Ratio Lower Upper
93 100
63 83.1 67.1 107.1
95 29.4 13.0 53.0

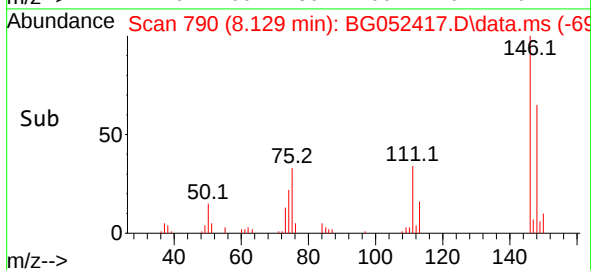
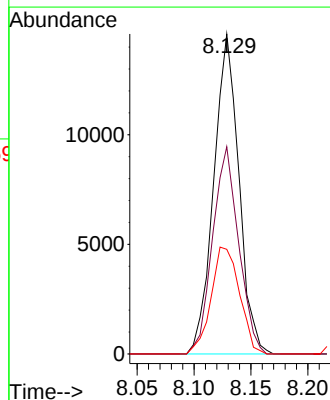
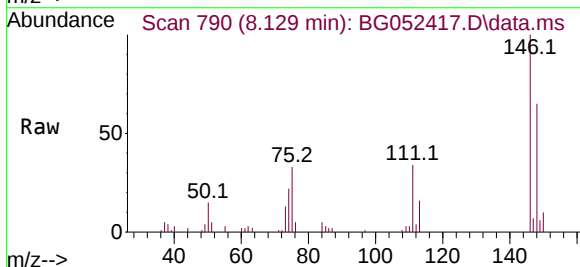
Manual Integrations
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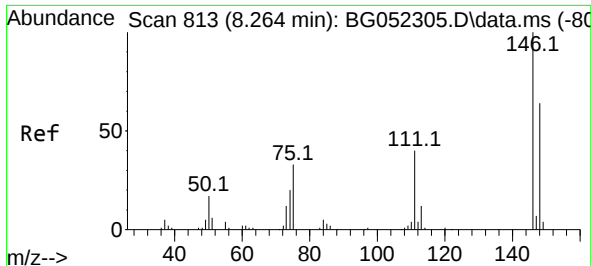
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#12
1,3-Dichlorobenzene
Concen: 11.469 ng
RT: 8.129 min Scan# 790
Delta R.T. 0.011 min
Lab File: BG052417.D
Acq: 17 Feb 2022 13:08

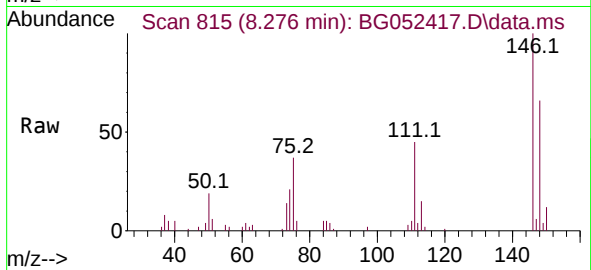
Tgt Ion:146 Resp: 22448
Ion Ratio Lower Upper
146 100
148 64.7 49.1 73.7
75 32.7 30.9 46.3





#13
1,4-Dichlorobenzene
Concen: 11.907 ng
RT: 8.276 min Scan# 813
Delta R.T. 0.011 min
Lab File: BG052417.D
Acq: 17 Feb 2022 13:08

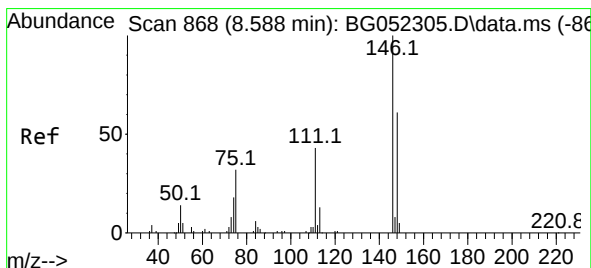
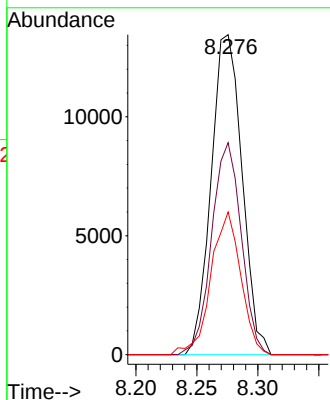
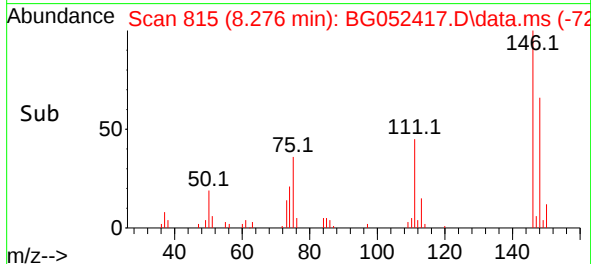
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion:146 Resp: 23758
Ion Ratio Lower Upper
146 100
148 66.2 52.6 78.8
111 44.6 33.8 50.8

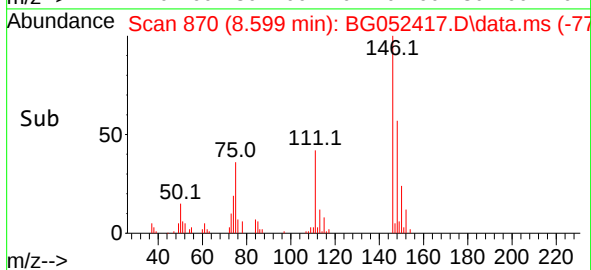
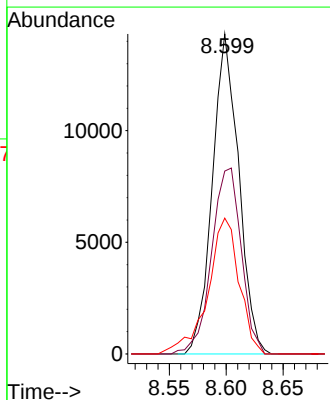
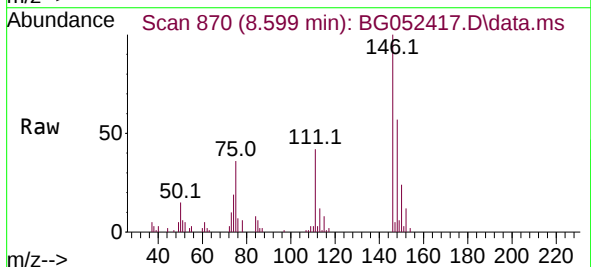
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#14
1,2-Dichlorobenzene
Concen: 11.738 ng
RT: 8.599 min Scan# 870
Delta R.T. 0.011 min
Lab File: BG052417.D
Acq: 17 Feb 2022 13:08

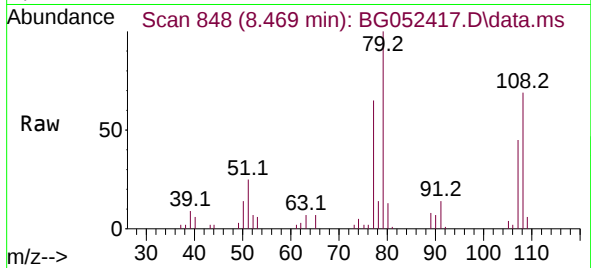
Tgt Ion:146 Resp: 23099
Ion Ratio Lower Upper
146 100
148 57.2 46.5 69.7
111 42.5 37.0 55.4





#15
Benzyl Alcohol
Concen: 11.247 ng
RT: 8.469 min Scan# 846
Delta R.T. 0.011 min
Lab File: BG052417.D
Acq: 17 Feb 2022 13:08

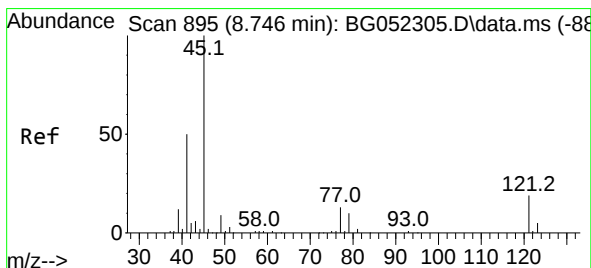
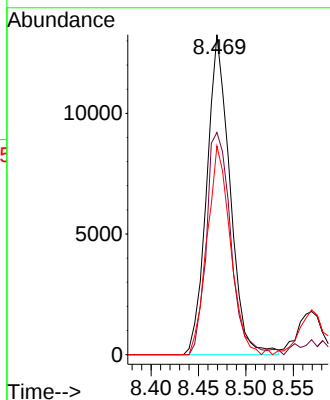
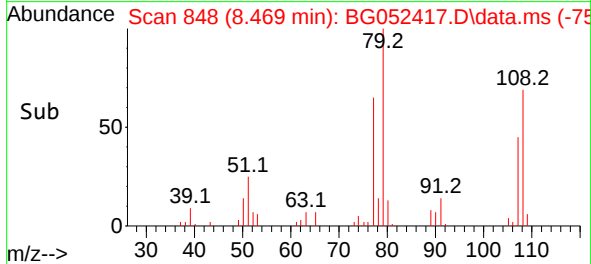
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion: 79 Resp: 22490
Ion Ratio Lower Upper
79 100
108 69.4 53.8 80.6
77 65.2 54.4 81.6

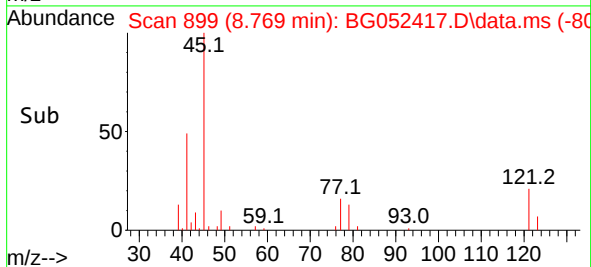
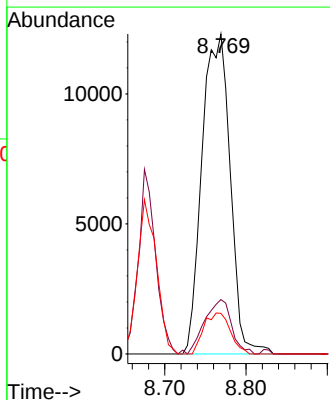
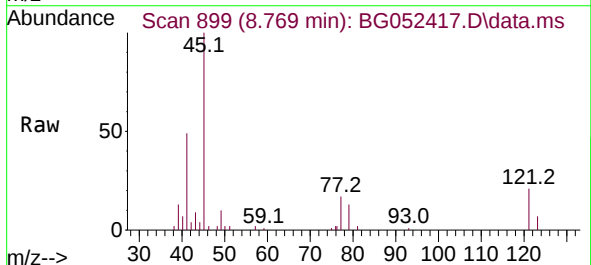
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 11.207 ng
RT: 8.769 min Scan# 899
Delta R.T. 0.023 min
Lab File: BG052417.D
Acq: 17 Feb 2022 13:08

Tgt Ion: 45 Resp: 29614
Ion Ratio Lower Upper
45 100
77 17.0 0.0 33.8
79 12.7 0.0 31.1





#17

2-Methylphenol

Concen: 11.662 ng

RT: 8.681 min Scan# 881

Delta R.T. 0.017 min

Lab File: BG052417.D

Acq: 17 Feb 2022 13:08

Instrument :

BNA_G

ClientSampleId :

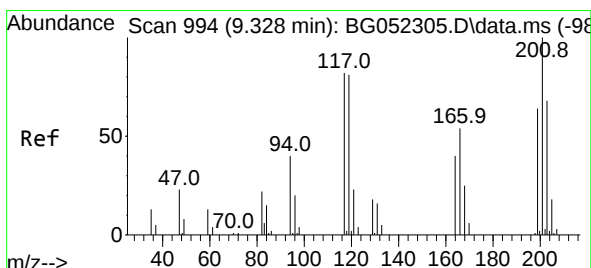
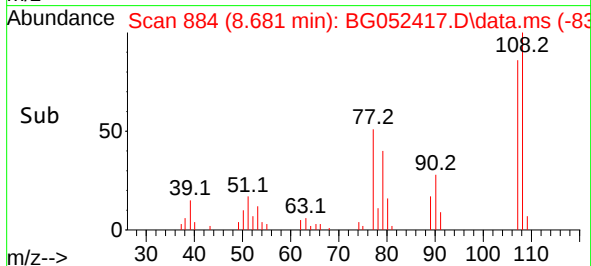
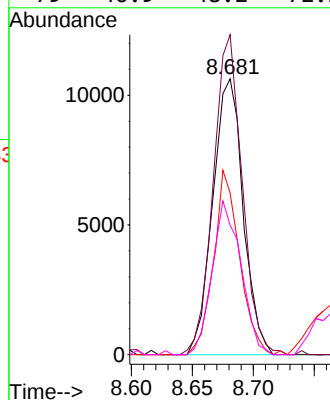
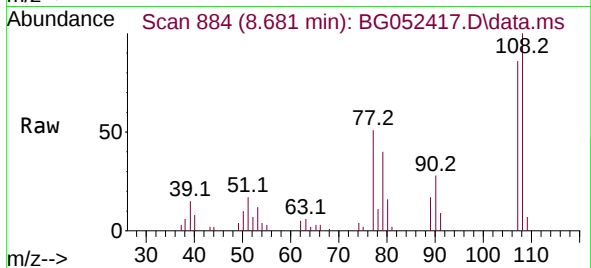
LOQ-WATER-02-QT4-2021

Tgt Ion:	107	Resp:	1842
Ion Ratio	Lower	Upper	
107	100		
108	116.0	90.3	135.5
77	58.6	49.0	73.6
79	46.9	48.2	72.2

Manual Integrations

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Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#18

Hexachloroethane

Concen: 11.877 ng

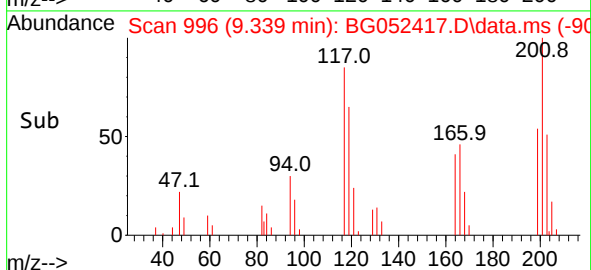
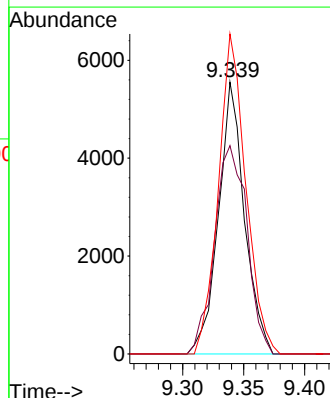
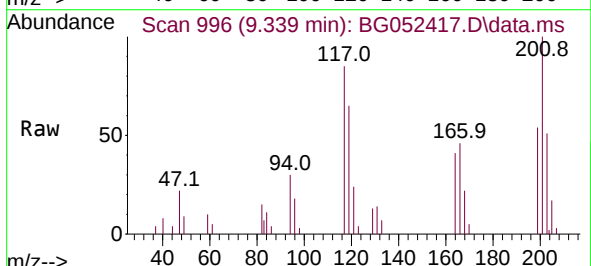
RT: 9.339 min Scan# 996

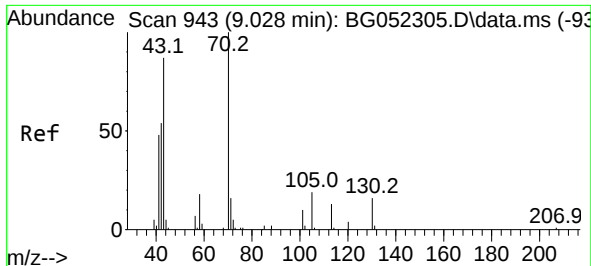
Delta R.T. 0.011 min

Lab File: BG052417.D

Acq: 17 Feb 2022 13:08

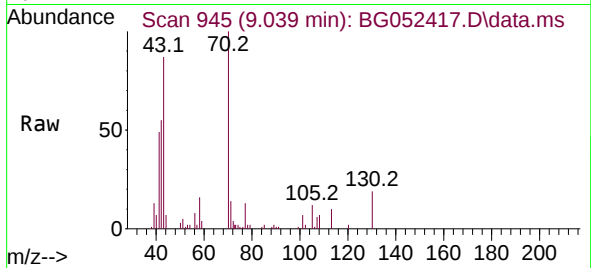
Tgt Ion:	117	Resp:	8240
Ion Ratio	Lower	Upper	
117	100		
119	76.7	73.5	110.3
201	117.7	91.0	136.6





#19
n-Nitroso-di-n-propylamine
Concen: 11.699 ng
RT: 9.039 min Scan# 943
Delta R.T. 0.011 min
Lab File: BG052417.D
Acq: 17 Feb 2022 13:08

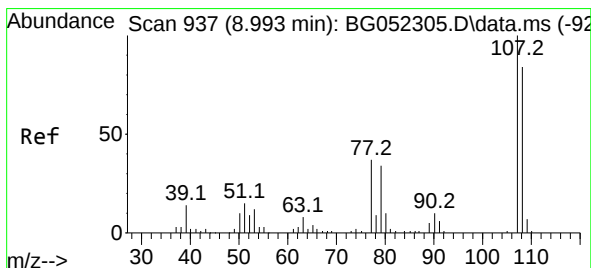
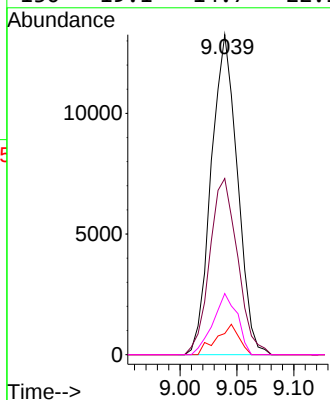
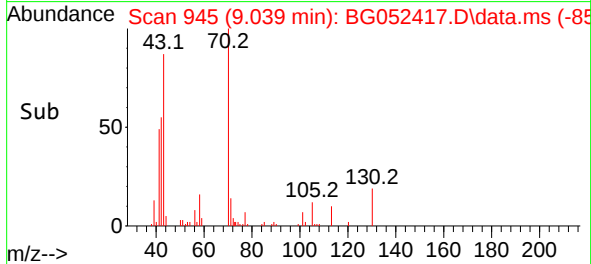
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021



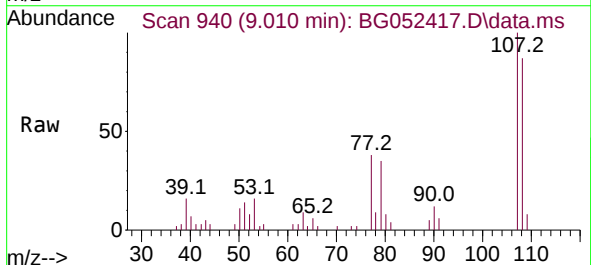
Tgt Ion: 70 Resp: 21250
Ion Ratio Lower Upper
70 100
42 55.1 51.8 77.6
101 6.6 6.6 10.0
130 19.1 14.7 22.1

Manual Integrations
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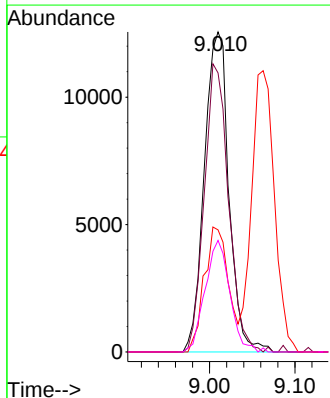
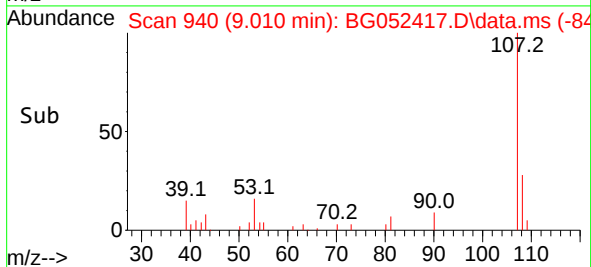
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#20
3+4-Methylphenols
Concen: 11.150 ng
RT: 9.010 min Scan# 940
Delta R.T. 0.017 min
Lab File: BG052417.D
Acq: 17 Feb 2022 13:08



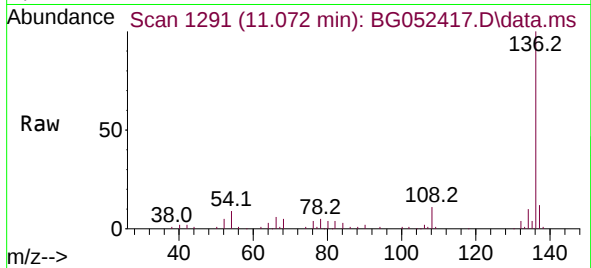
Tgt Ion:107 Resp: 25199
Ion Ratio Lower Upper
107 100
108 87.2 71.9 111.9
77 38.1 24.6 64.6
79 34.8 18.2 58.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.072 min Scan# 1107
Delta R.T. 0.005 min
Lab File: BG052417.D
Acq: 17 Feb 2022 13:08

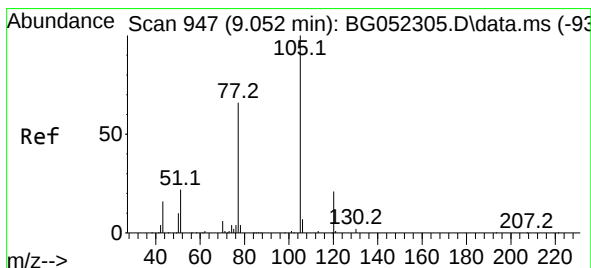
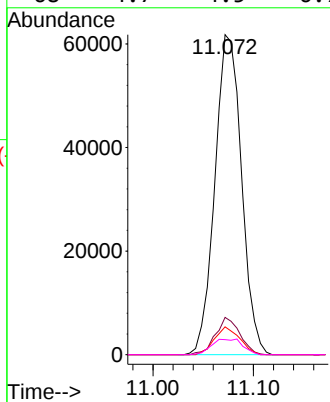
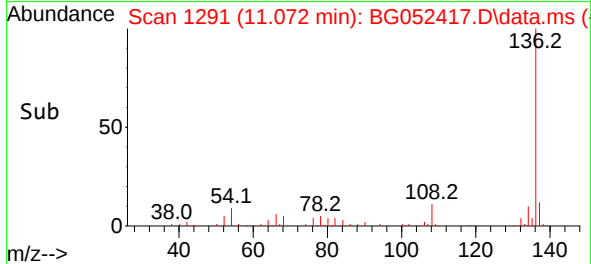
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion:136 Resp: 11373
Ion Ratio Lower Upper
136 100
137 11.7 9.1 13.7
54 8.7 8.3 12.5
68 4.7 4.5 6.7

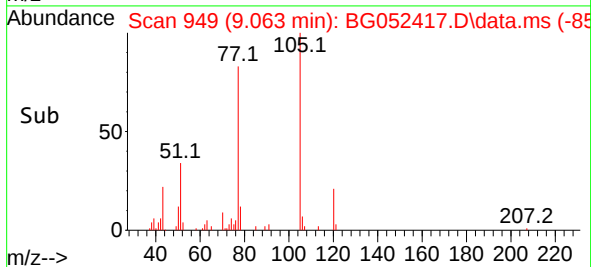
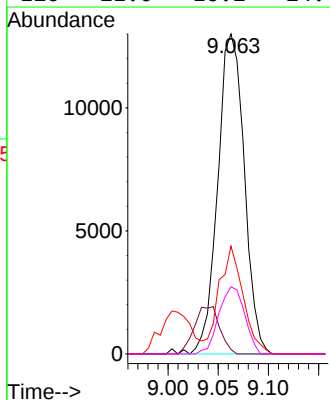
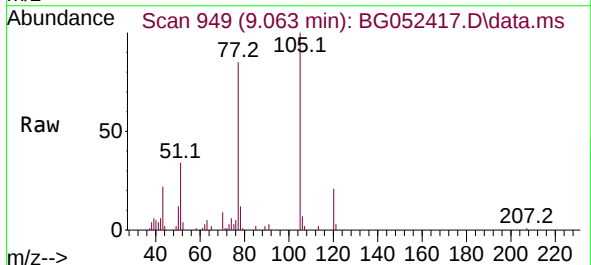
Manual Integrations
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Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#22
Acetophenone
Concen: 7.951 ng
RT: 9.063 min Scan# 949
Delta R.T. 0.011 min
Lab File: BG052417.D
Acq: 17 Feb 2022 13:08

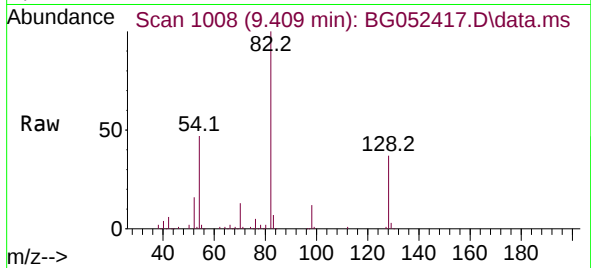
Tgt Ion:105 Resp: 23898
Ion Ratio Lower Upper
105 100
71 1.4 1.8 2.6#
51 33.7 27.0 40.4
120 21.0 16.2 24.4





#23
Nitrobenzene-d5
Concen: 70.382 ng
RT: 9.409 min Scan# 1008
Delta R.T. 0.011 min
Lab File: BG052417.D
Acq: 17 Feb 2022 13:08

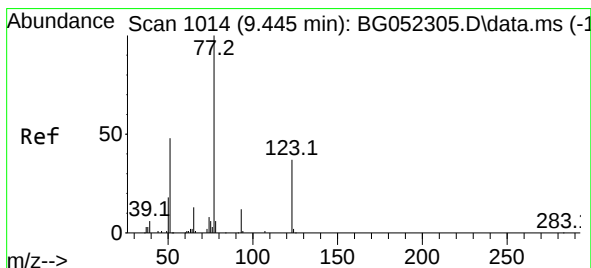
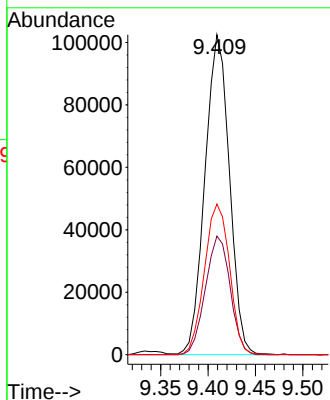
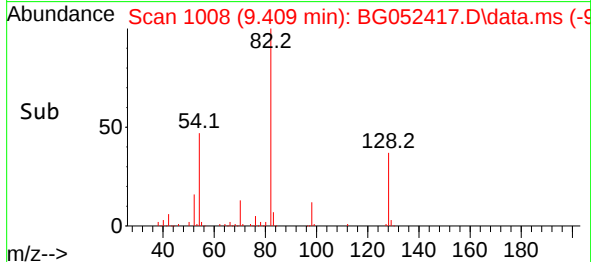
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021



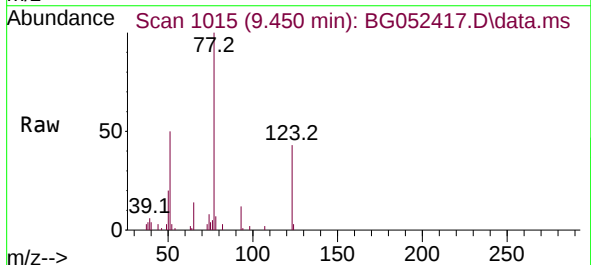
Tgt Ion: 82 Resp: 184179
Ion Ratio Lower Upper
82 100
128 37.0 27.0 40.4
54 47.1 41.0 61.6

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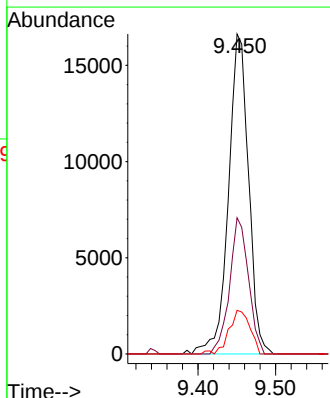
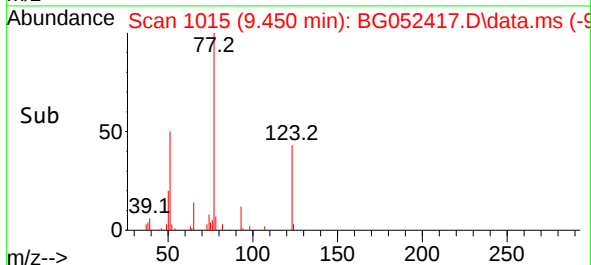
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

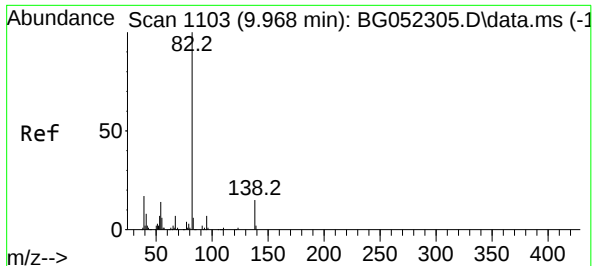


#24
Nitrobenzene
Concen: 12.085 ng
RT: 9.450 min Scan# 1015
Delta R.T. 0.005 min
Lab File: BG052417.D
Acq: 17 Feb 2022 13:08



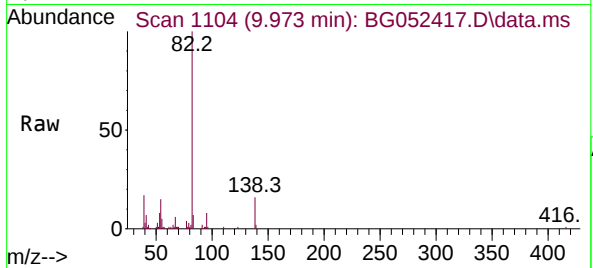
Tgt Ion: 77 Resp: 29998
Ion Ratio Lower Upper
77 100
123 42.5 27.1 40.7#
65 13.7 11.2 16.8





#25
Isophorone
Concen: 13.228 ng
RT: 9.973 min Scan# 1103
Delta R.T. 0.005 min
Lab File: BG052417.D
Acq: 17 Feb 2022 13:08

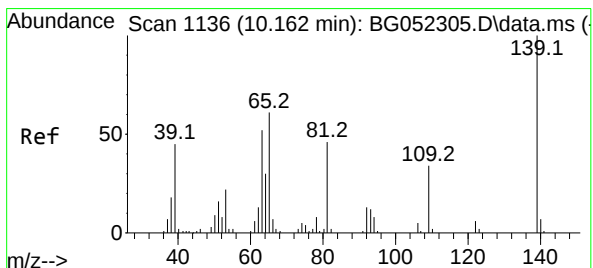
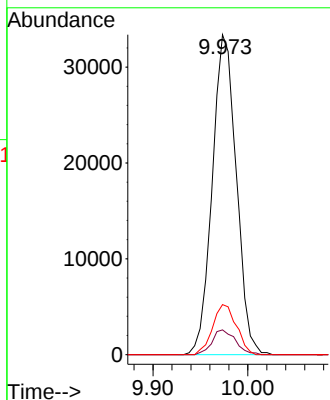
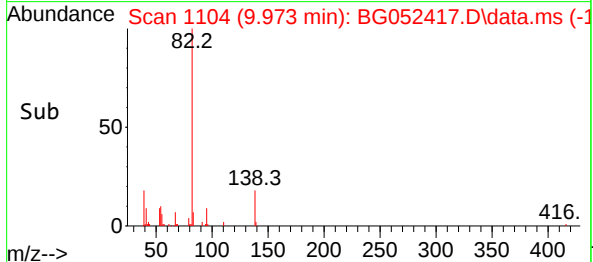
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion: 82 Resp: 5889
Ion Ratio Lower Upper
82 100
95 7.8 6.6 9.8
138 15.7 12.5 18.7

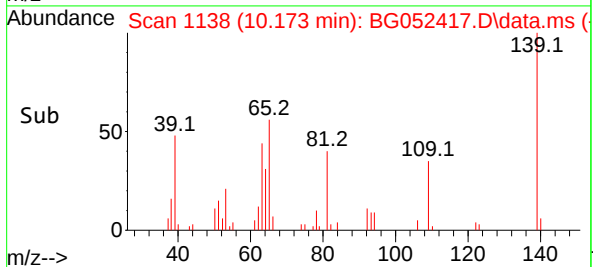
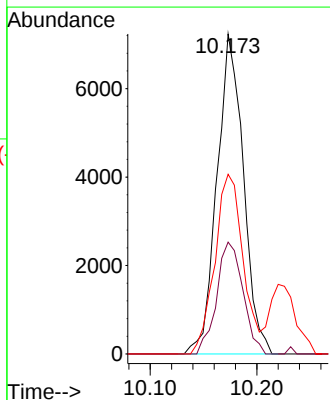
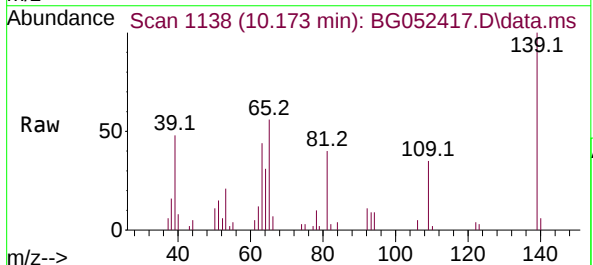
Manual Integrations
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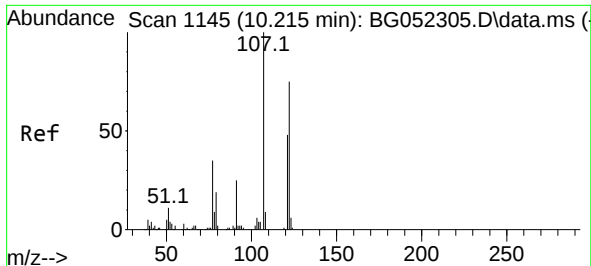
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#26
2-Nitrophenol
Concen: 11.813 ng
RT: 10.173 min Scan# 1138
Delta R.T. 0.011 min
Lab File: BG052417.D
Acq: 17 Feb 2022 13:08

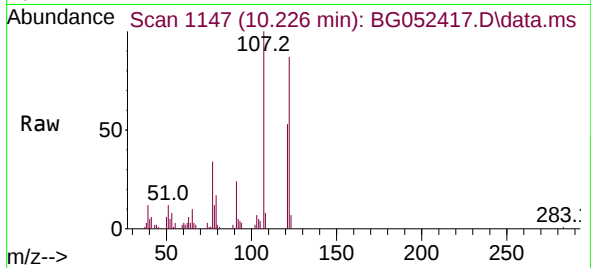
Tgt Ion:139 Resp: 12429
Ion Ratio Lower Upper
139 100
109 34.9 30.4 45.6
65 56.2 55.7 83.5





#27
2,4-Dimethylphenol
Concen: 14.261 ng
RT: 10.226 min Scan# 1147
Delta R.T. 0.011 min
Lab File: BG052417.D
Acq: 17 Feb 2022 13:08

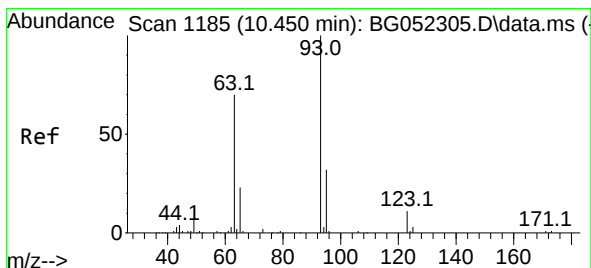
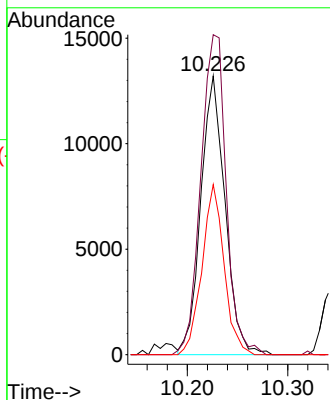
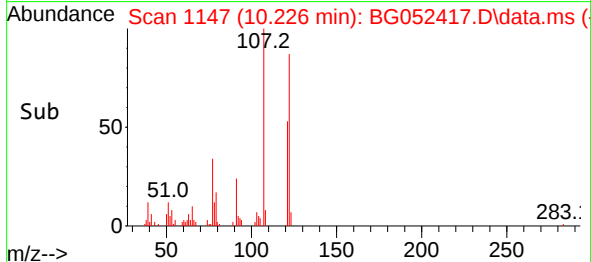
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion:122 Resp: 2221
Ion Ratio Lower Upper
122 100
107 114.8 105.8 158.8
121 61.0 48.6 72.8

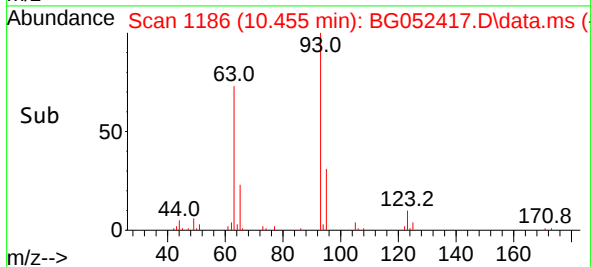
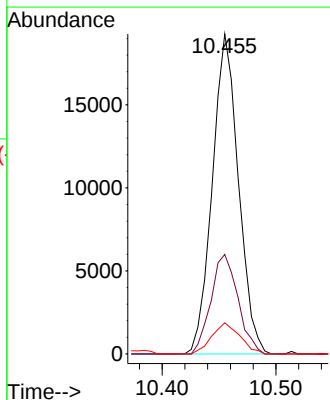
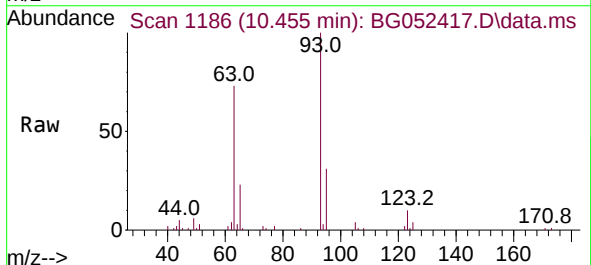
Manual Integrations
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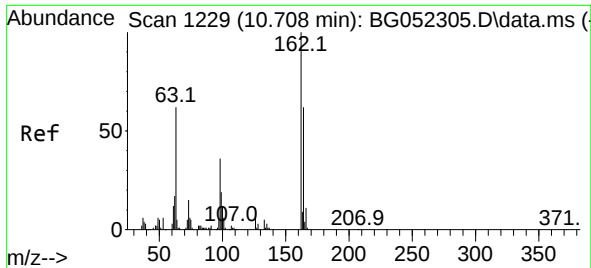
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#28
bis(2-Chloroethoxy)methane
Concen: 12.150 ng
RT: 10.455 min Scan# 1186
Delta R.T. 0.005 min
Lab File: BG052417.D
Acq: 17 Feb 2022 13:08

Tgt Ion: 93 Resp: 30703
Ion Ratio Lower Upper
93 100
95 31.1 26.1 39.1
123 9.8 7.6 11.4





#29

2,4-Dichlorophenol

Concen: 11.556 ng

RT: 10.719 min Scan# 1231

Delta R.T. 0.011 min

Lab File: BG052417.D

Acq: 17 Feb 2022 13:08

Instrument :

BNA_G

ClientSampleId :

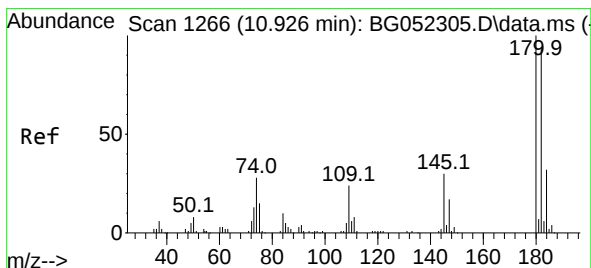
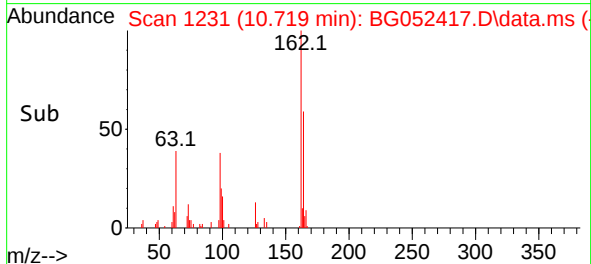
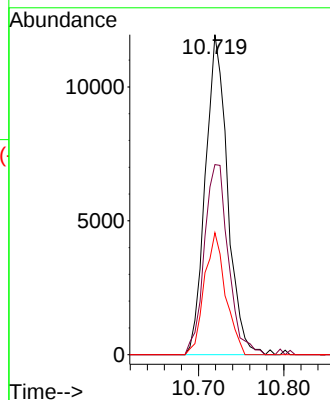
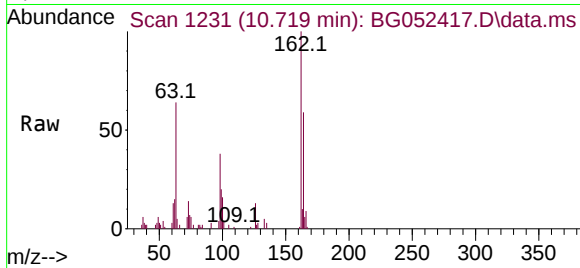
LOQ-WATER-02-QT4-2021

Tgt Ion:	162	Resp:	21578
Ion Ratio	Lower	Upper	
162	100		
164	59.4	44.3	84.3
98	38.1	17.2	57.2

Manual Integrations

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Supervised By :Jagrut Upadhyay 02/22/2022



#30

1,2,4-Trichlorobenzene

Concen: 12.038 ng

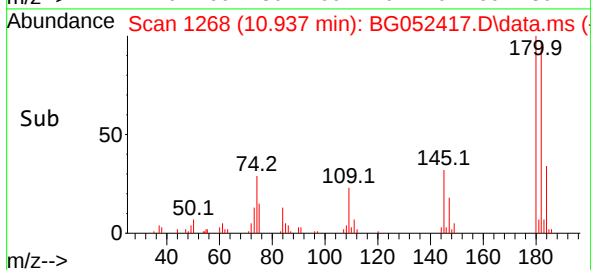
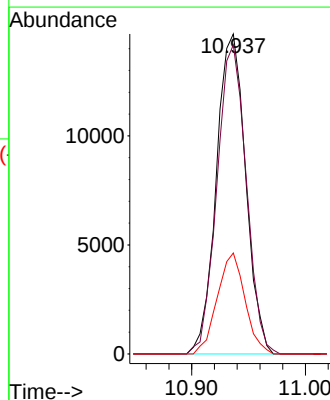
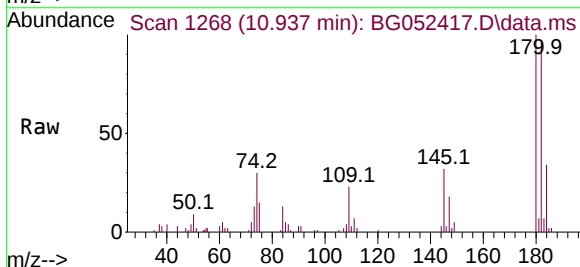
RT: 10.937 min Scan# 1268

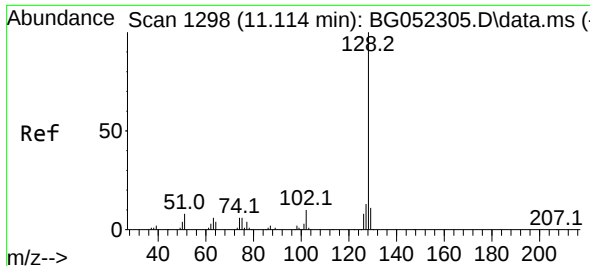
Delta R.T. 0.011 min

Lab File: BG052417.D

Acq: 17 Feb 2022 13:08

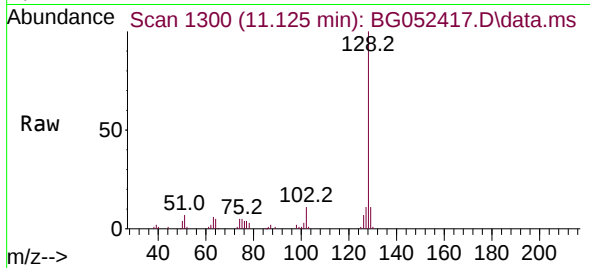
Tgt Ion:	180	Resp:	26247
Ion Ratio	Lower	Upper	
180	100		
182	96.6	76.1	114.1
145	31.5	24.0	36.0





#31
Naphthalene
Concen: 12.510 ng
RT: 11.125 min Scan# 11125
Delta R.T. 0.011 min
Lab File: BG052417.D
Acq: 17 Feb 2022 13:08

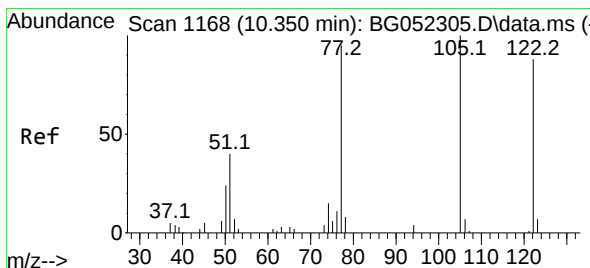
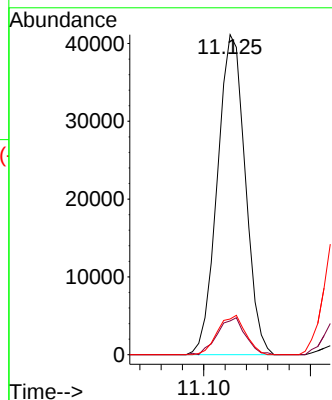
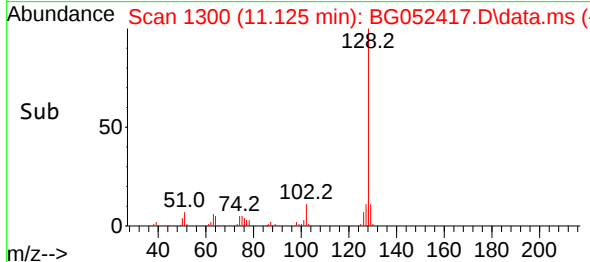
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion:128 Resp: 7458
Ion Ratio Lower Upper
128 100
129 10.5 9.8 14.6
127 11.1 12.0 18.0

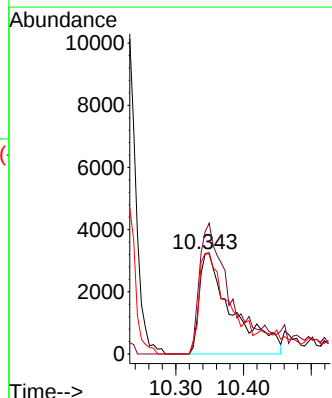
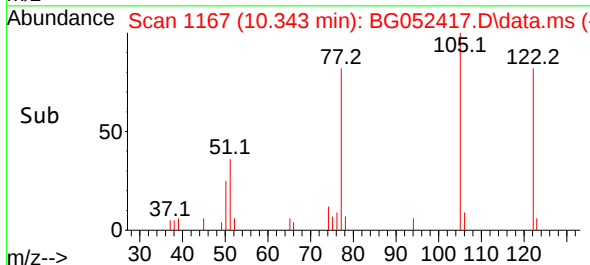
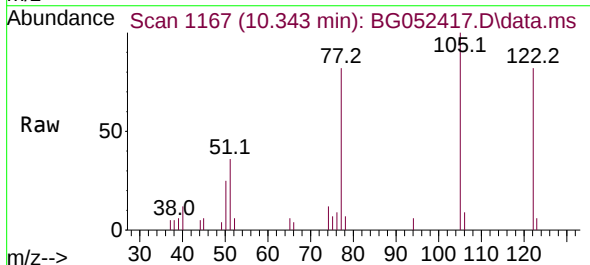
Manual Integrations
APPROVED

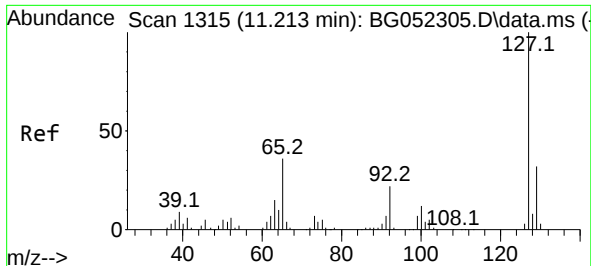
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#32
Benzoic acid
Concen: 11.932 ng m
RT: 10.343 min Scan# 1167
Delta R.T. -0.007 min
Lab File: BG052417.D
Acq: 17 Feb 2022 13:08

Tgt Ion:122 Resp: 10917
Ion Ratio Lower Upper
122 100
105 122.0 109.2 149.2
77 100.3 92.8 132.8





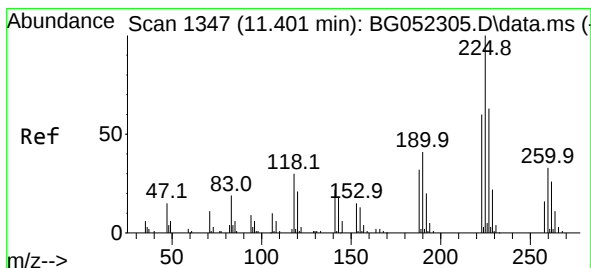
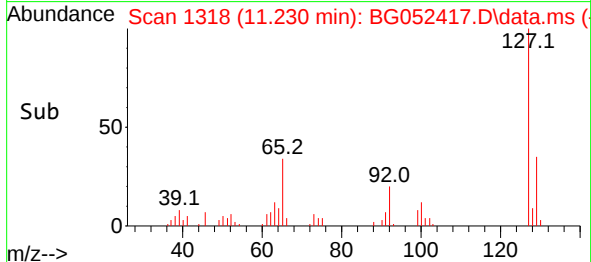
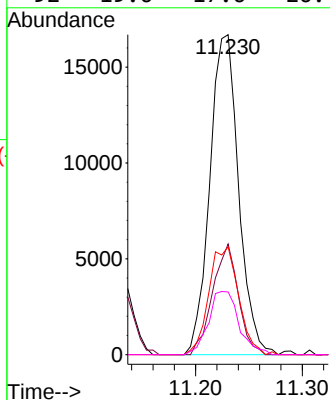
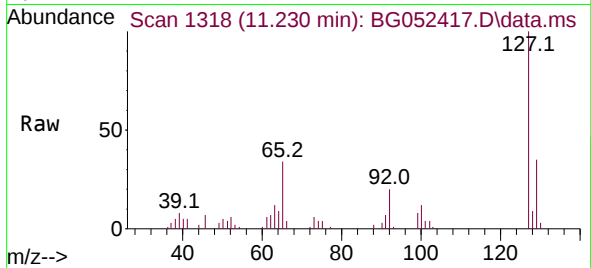
#33
4-Chloroaniline
Concen: 12.565 ng
RT: 11.230 min Scan# 1127
Delta R.T. 0.017 min
Lab File: BG052417.D
Acq: 17 Feb 2022 13:08

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion:127	Resp:	3127
Ion Ratio	Lower	Upper
127	100	
129	34.6	27.0 40.6
65	33.7	28.7 43.1
92	19.6	17.6 26.4

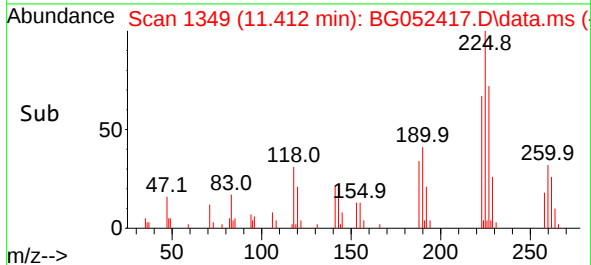
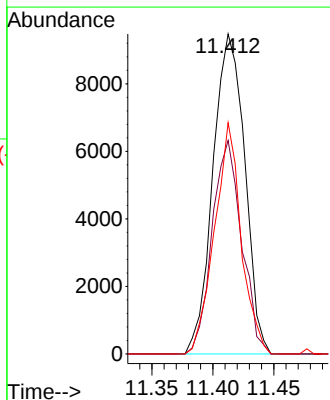
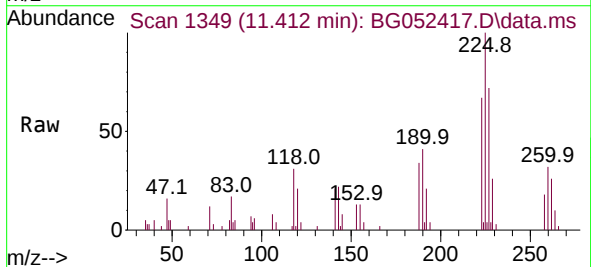
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#34
Hexachlorobutadiene
Concen: 11.654 ng
RT: 11.412 min Scan# 1349
Delta R.T. 0.011 min
Lab File: BG052417.D
Acq: 17 Feb 2022 13:08

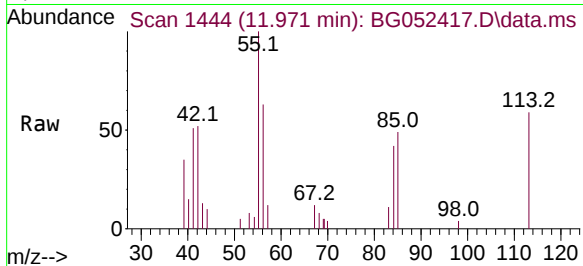
Tgt Ion:225	Resp:	17161
Ion Ratio	Lower	Upper
225	100	
223	66.7	51.6 77.4
227	72.2	53.9 80.9





#35
Caprolactam
Concen: 8.297 ng
RT: 11.971 min Scan# 1444
Delta R.T. -0.007 min
Lab File: BG052417.D
Acq: 17 Feb 2022 13:08

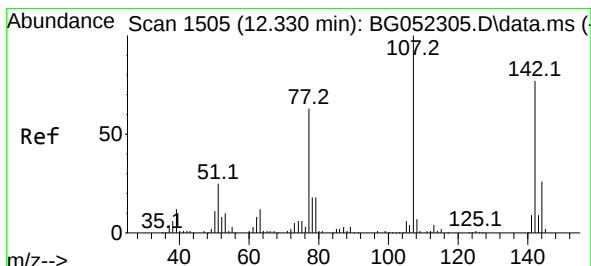
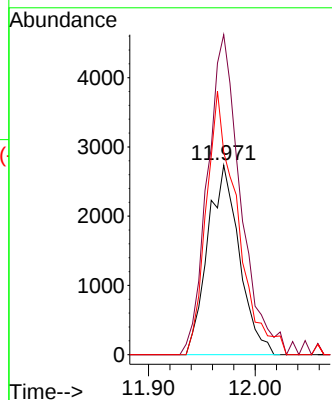
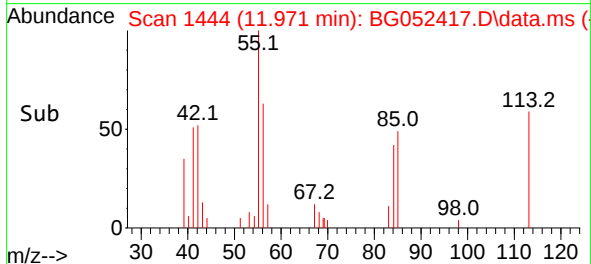
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion:113 Resp: 5640
Ion Ratio Lower Upper
113 100
55 168.9 161.4 201.4
56 106.9 132.6 172.6

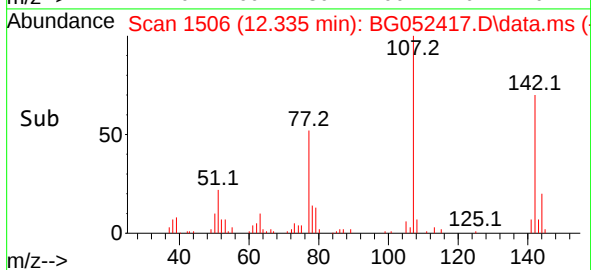
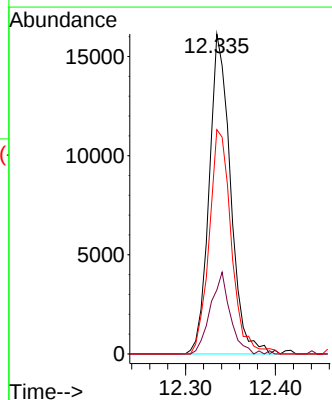
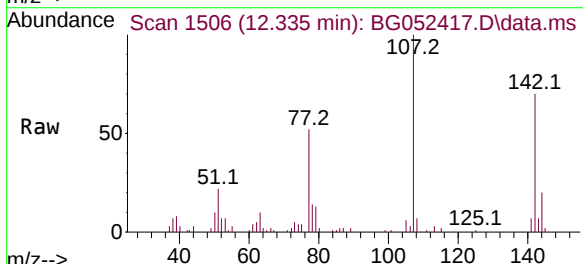
Manual Integrations
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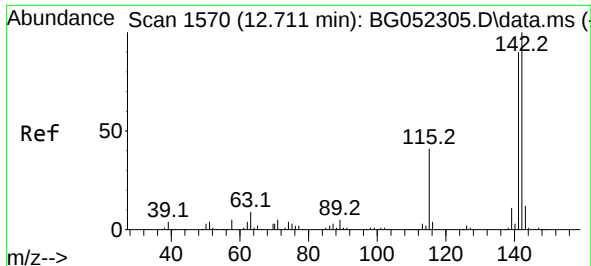
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#36
4-Chloro-3-methylphenol
Concen: 12.509 ng
RT: 12.335 min Scan# 1506
Delta R.T. 0.005 min
Lab File: BG052417.D
Acq: 17 Feb 2022 13:08

Tgt Ion:107 Resp: 26573
Ion Ratio Lower Upper
107 100
144 20.0 19.3 28.9
142 70.1 63.9 95.9





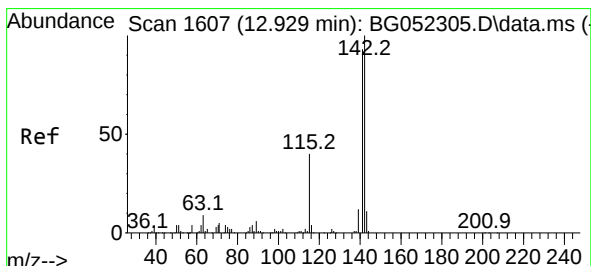
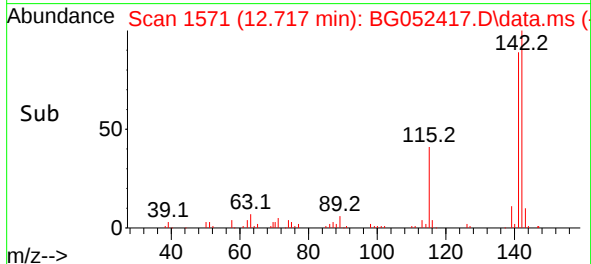
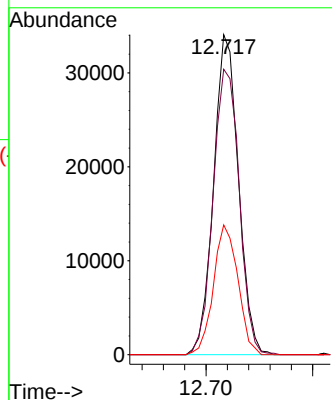
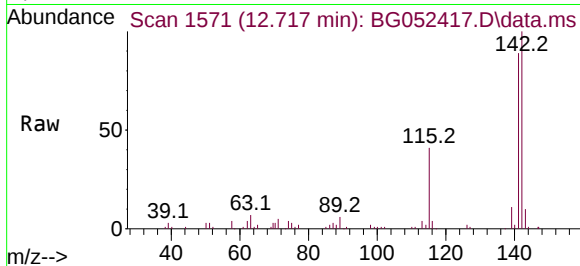
#37
2-Methylnaphthalene
Concen: 12.432 ng
RT: 12.717 min Scan# 1570
Delta R.T. 0.005 min
Lab File: BG052417.D
Acq: 17 Feb 2022 13:08

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion:142 Resp: 55054
Ion Ratio Lower Upper
142 100
141 89.2 71.7 107.5
115 40.5 32.2 48.4

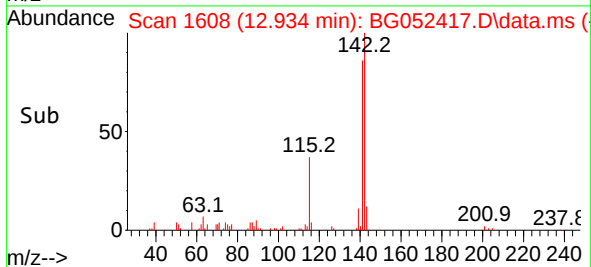
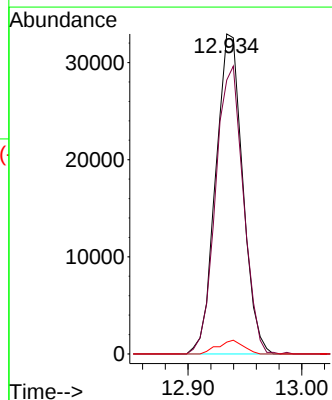
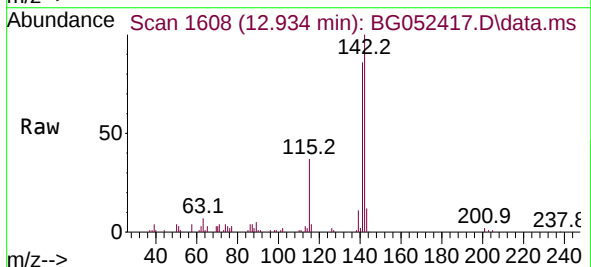
Manual Integrations
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Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#38
1-Methylnaphthalene
Concen: 12.653 ng
RT: 12.934 min Scan# 1608
Delta R.T. 0.005 min
Lab File: BG052417.D
Acq: 17 Feb 2022 13:08

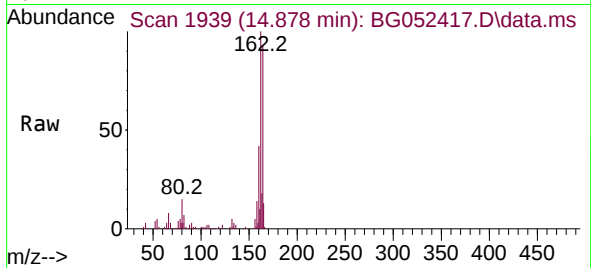
Tgt Ion:142 Resp: 54296
Ion Ratio Lower Upper
142 100
141 85.6 75.0 112.4
116 3.7 4.2 6.4#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.878 min Scan# 1938
Delta R.T. 0.005 min
Lab File: BG052417.D
Acq: 17 Feb 2022 13:08

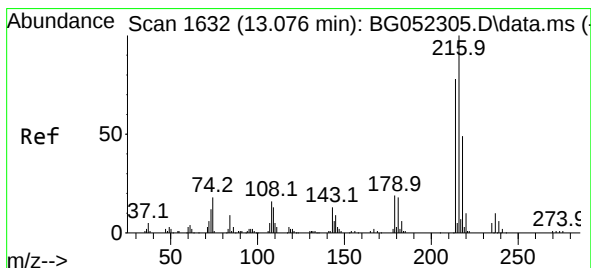
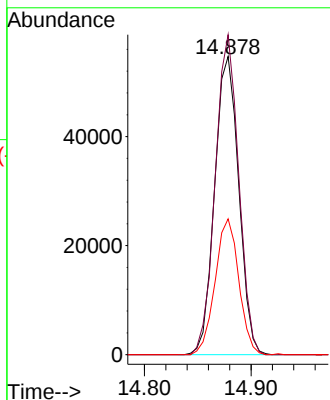
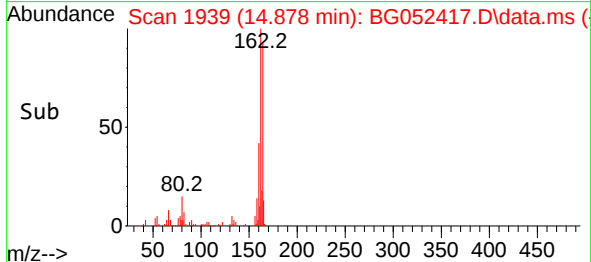
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021



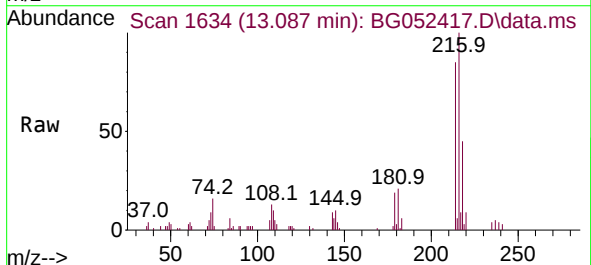
Tgt Ion:164 Resp: 85629
Ion Ratio Lower Upper
164 100
162 107.3 82.2 123.2
160 45.5 36.2 54.2

Manual Integrations
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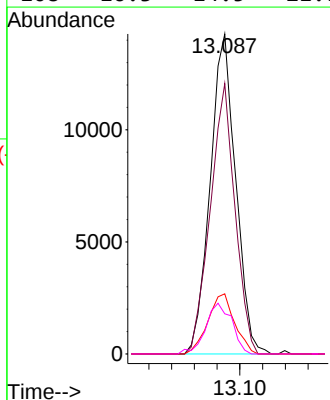
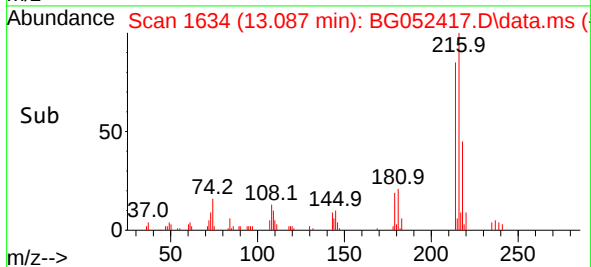
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 7.895 ng
RT: 13.087 min Scan# 1634
Delta R.T. 0.011 min
Lab File: BG052417.D
Acq: 17 Feb 2022 13:08



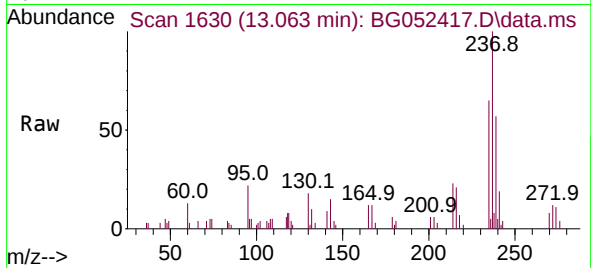
Tgt Ion:216 Resp: 22236
Ion Ratio Lower Upper
216 100
214 81.8 63.2 94.8
179 19.7 16.3 24.5
108 16.3 14.5 21.7





#41
Hexachlorocyclopentadiene
Concen: 10.994 ng
RT: 13.063 min Scan# 1630
Delta R.T. 0.005 min
Lab File: BG052417.D
Acq: 17 Feb 2022 13:08

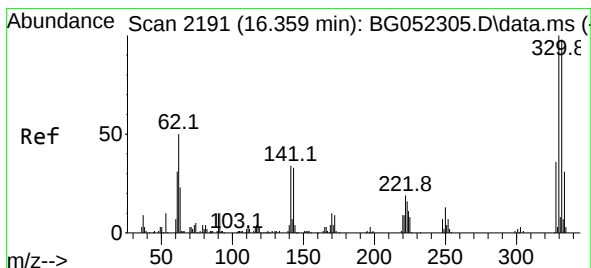
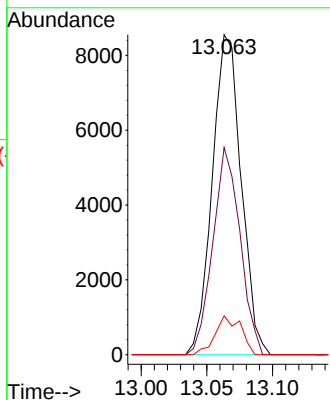
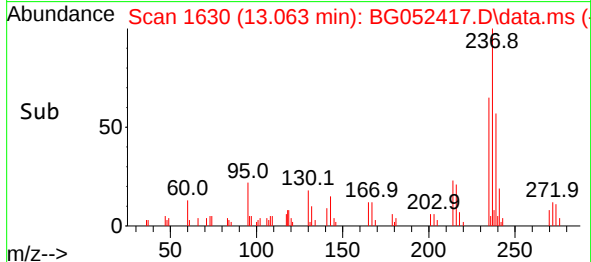
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021



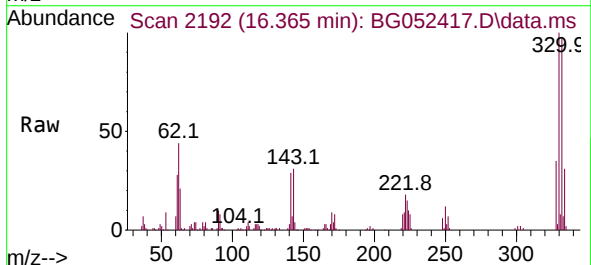
Tgt Ion:237 Resp: 13074
Ion Ratio Lower Upper
237 100
235 64.7 45.9 85.9
272 12.1 0.0 33.0

Manual Integrations
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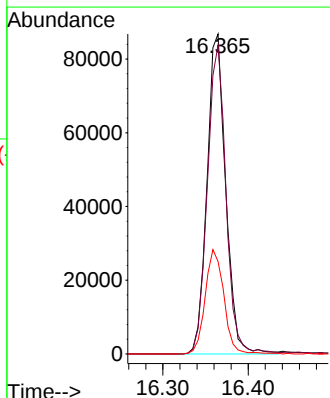
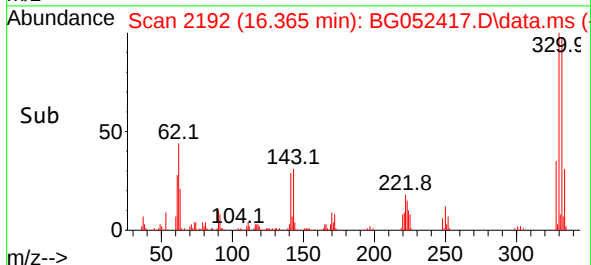
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#42
2,4,6-Tribromophenol
Concen: 107.513 ng
RT: 16.365 min Scan# 2192
Delta R.T. 0.006 min
Lab File: BG052417.D
Acq: 17 Feb 2022 13:08



Tgt Ion:330 Resp: 132262
Ion Ratio Lower Upper
330 100
332 96.3 78.6 117.8
141 32.7 28.8 43.2





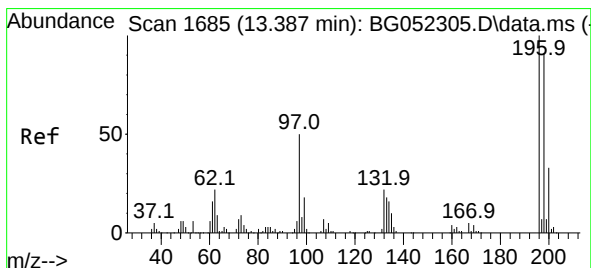
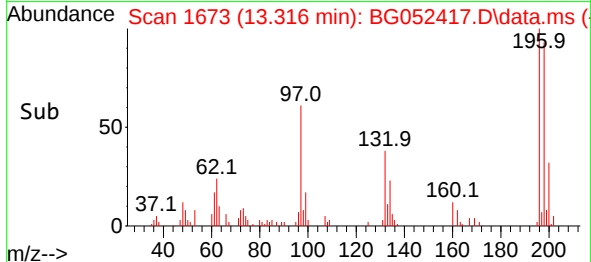
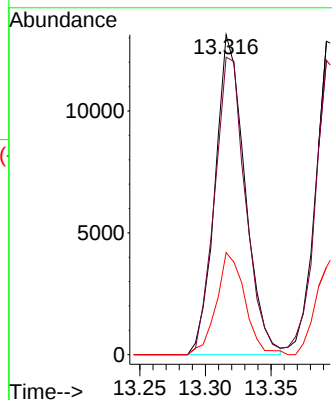
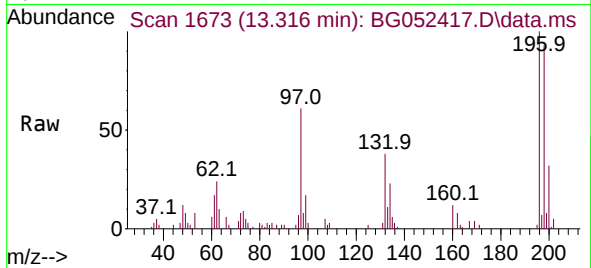
#43
2,4,6-Trichlorophenol
Concen: 11.249 ng
RT: 13.316 min Scan# 1672
Delta R.T. 0.005 min
Lab File: BG052417.D
Acq: 17 Feb 2022 13:08

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion:196 Resp: 2072
Ion Ratio Lower Upper
196 100
198 92.9 78.4 117.6
200 31.9 28.5 42.7

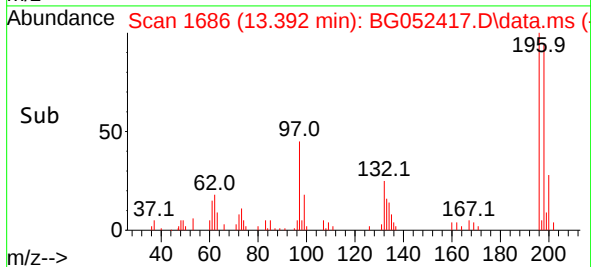
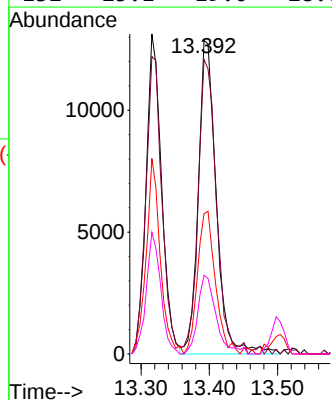
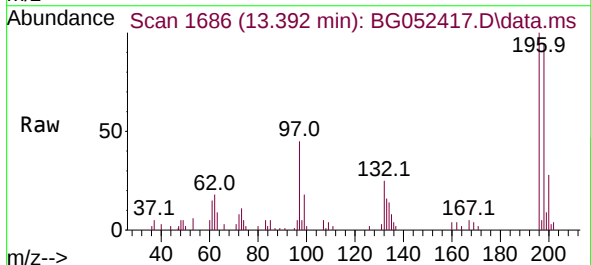
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#44
2,4,5-Trichlorophenol
Concen: 11.834 ng
RT: 13.392 min Scan# 1686
Delta R.T. 0.005 min
Lab File: BG052417.D
Acq: 17 Feb 2022 13:08

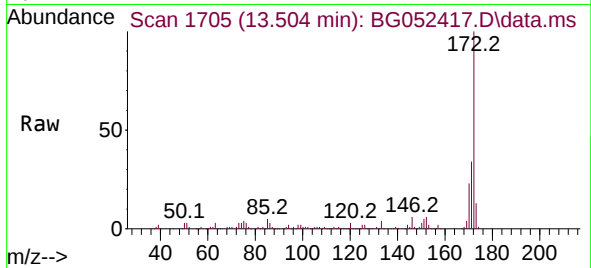
Tgt Ion:196 Resp: 23622
Ion Ratio Lower Upper
196 100
198 93.9 78.6 118.0
97 44.8 43.8 65.8
132 25.1 19.0 28.6





#45
2-Fluorobiphenyl
Concen: 72.201 ng
RT: 13.504 min Scan# 1705
Delta R.T. 0.011 min
Lab File: BG052417.D
Acq: 17 Feb 2022 13:08

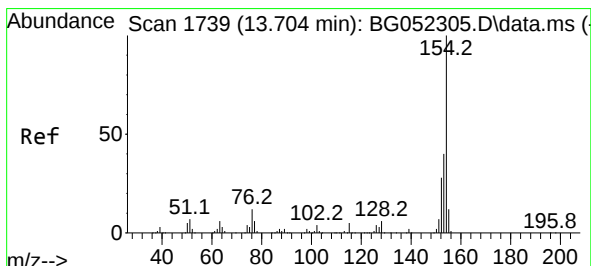
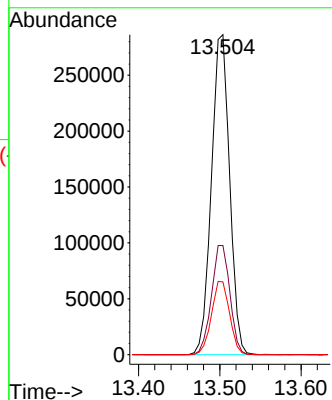
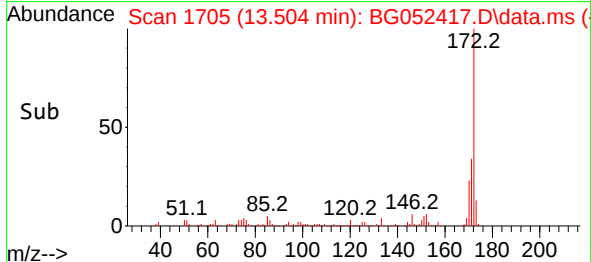
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021



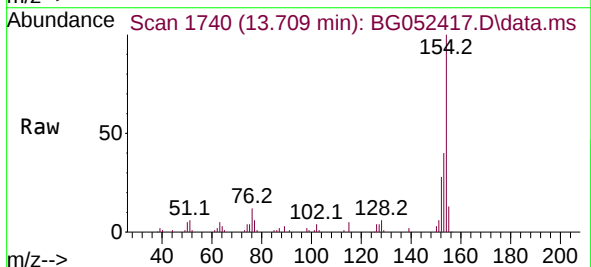
Tgt Ion:172 Resp: 44493
Ion Ratio Lower Upper
172 100
171 34.1 28.3 42.5
170 22.8 18.3 27.5

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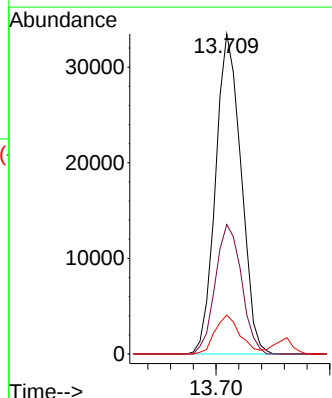
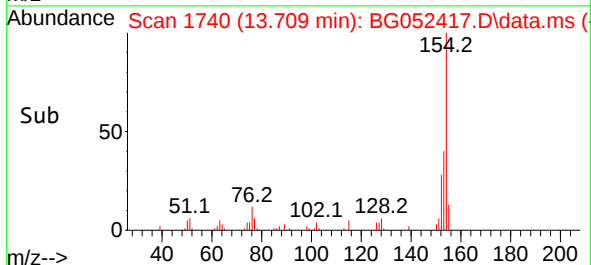
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

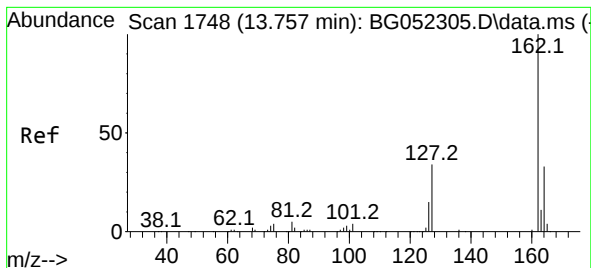


#46
1,1'-Biphenyl
Concen: 8.298 ng
RT: 13.709 min Scan# 1740
Delta R.T. 0.005 min
Lab File: BG052417.D
Acq: 17 Feb 2022 13:08



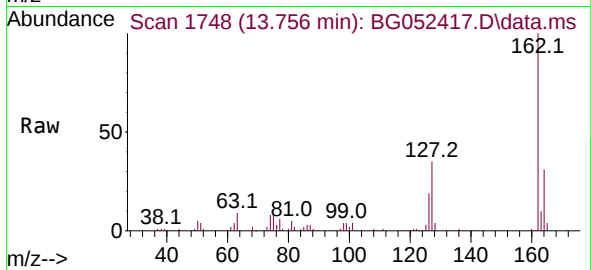
Tgt Ion:154 Resp: 52105
Ion Ratio Lower Upper
154 100
153 40.5 21.1 61.1
76 12.2 0.0 32.6





#47
2-Chloronaphthalene
Concen: 12.562 ng
RT: 13.756 min Scan# 1748
Delta R.T. -0.001 min
Lab File: BG052417.D
Acq: 17 Feb 2022 13:08

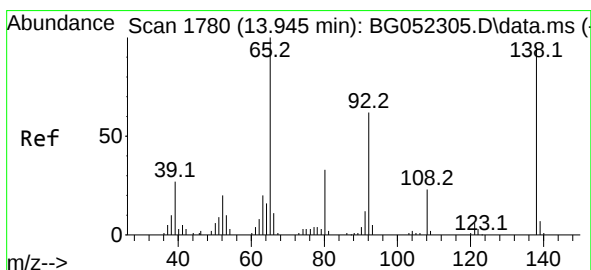
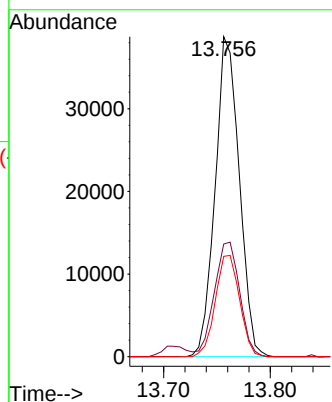
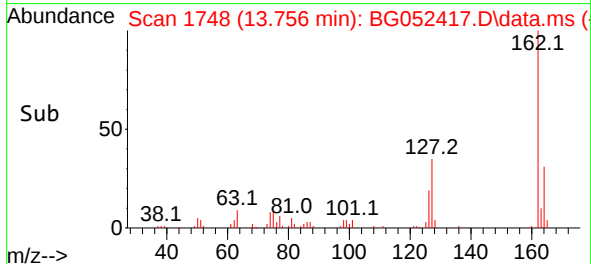
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion:162 Resp: 60768
Ion Ratio Lower Upper
162 100
127 35.2 30.4 45.6
164 31.3 25.0 37.4

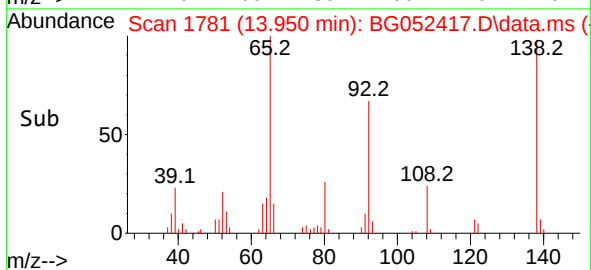
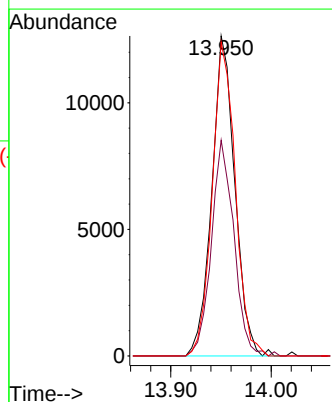
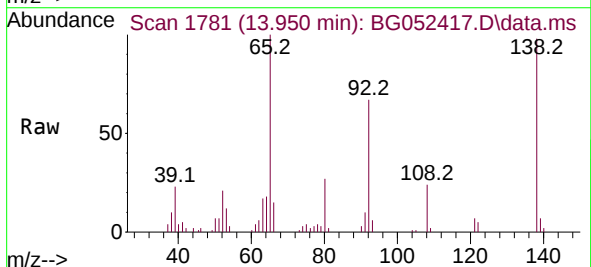
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#48
2-Nitroaniline
Concen: 11.682 ng
RT: 13.950 min Scan# 1781
Delta R.T. 0.005 min
Lab File: BG052417.D
Acq: 17 Feb 2022 13:08

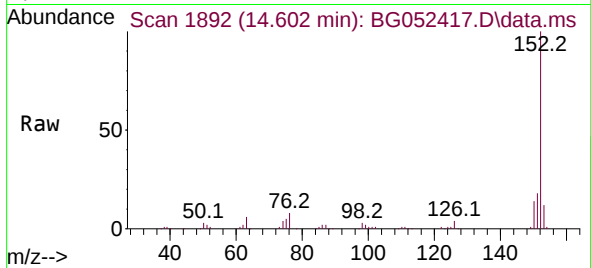
Tgt Ion: 65 Resp: 20119
Ion Ratio Lower Upper
65 100
92 67.4 51.0 76.6
138 98.1 72.4 108.6





#49
Acenaphthylene
Concen: 13.366 ng
RT: 14.602 min Scan# 1892
Delta R.T. 0.005 min
Lab File: BG052417.D
Acq: 17 Feb 2022 13:08

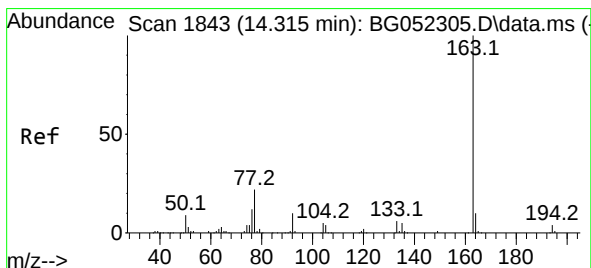
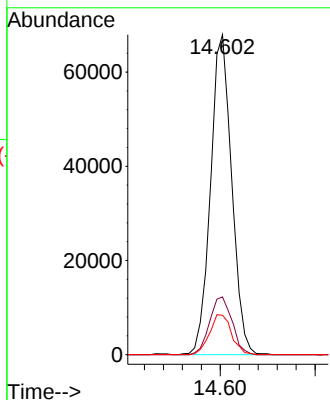
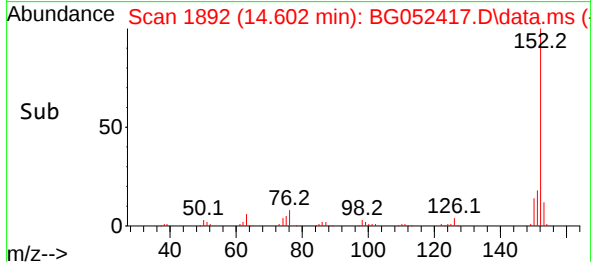
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion:152 Resp: 105258
Ion Ratio Lower Upper
152 100
151 18.0 16.1 24.1
153 12.3 10.8 16.2

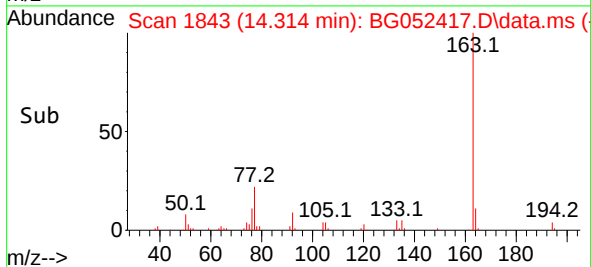
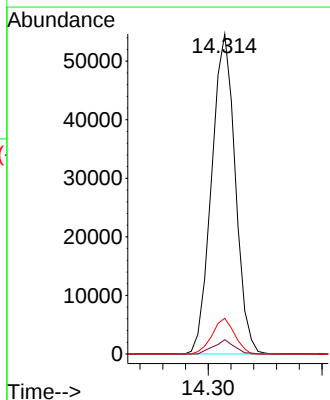
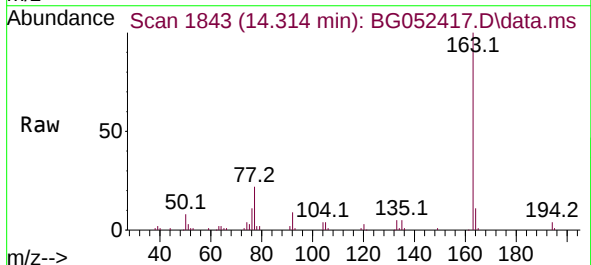
Manual Integrations
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Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#50
Dimethylphthalate
Concen: 12.025 ng
RT: 14.314 min Scan# 1843
Delta R.T. -0.001 min
Lab File: BG052417.D
Acq: 17 Feb 2022 13:08

Tgt Ion:163 Resp: 78877
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 11.2 8.4 12.6





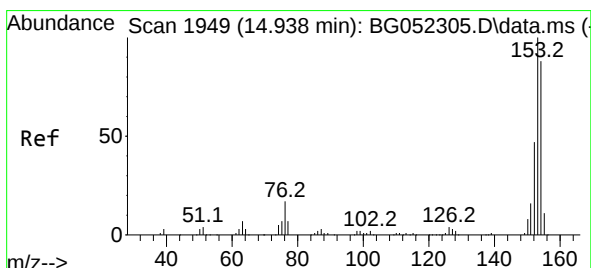
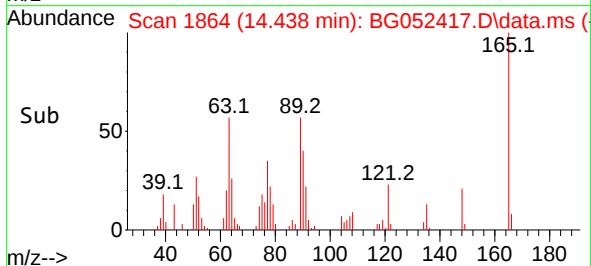
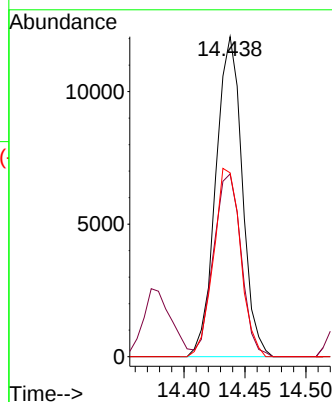
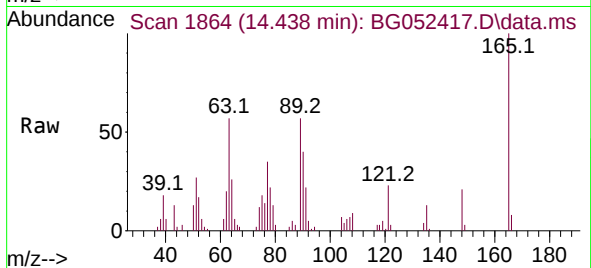
#51
2,6-Dinitrotoluene
Concen: 12.848 ng
RT: 14.438 min Scan# 1863
Delta R.T. 0.005 min
Lab File: BG052417.D
Acq: 17 Feb 2022 13:08

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion:165 Resp: 18180
Ion Ratio Lower Upper
165 100
63 57.1 59.0 88.4
89 57.4 49.4 74.0

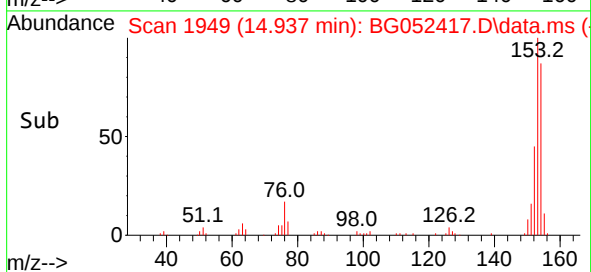
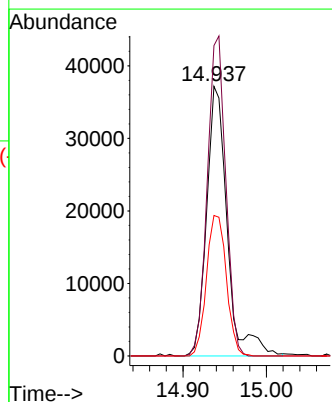
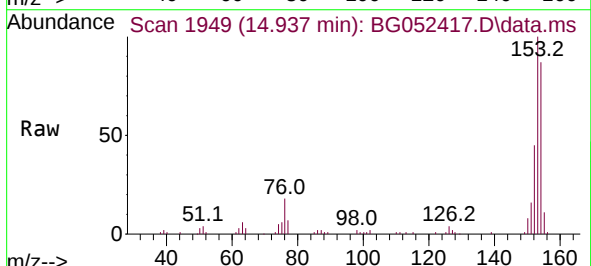
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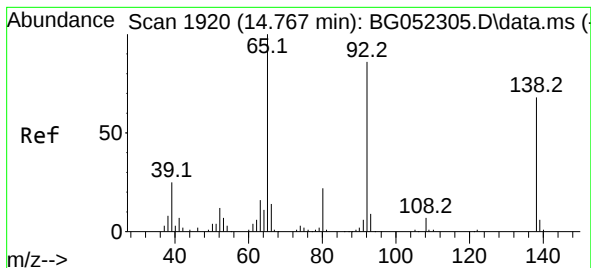
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#52
Acenaphthene
Concen: 12.393 ng m
RT: 14.937 min Scan# 1949
Delta R.T. -0.001 min
Lab File: BG052417.D
Acq: 17 Feb 2022 13:08

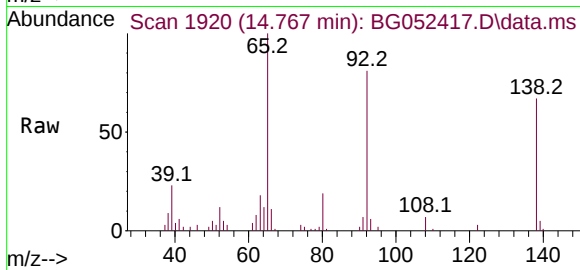
Tgt Ion:154 Resp: 63915
Ion Ratio Lower Upper
154 100
153 115.1 91.9 137.9
152 52.1 43.4 65.2





#53
3-Nitroaniline
Concen: 12.249 ng
RT: 14.767 min Scan# 1920
Delta R.T. -0.001 min
Lab File: BG052417.D
Acq: 17 Feb 2022 13:08

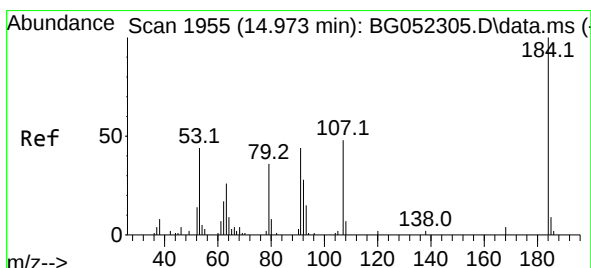
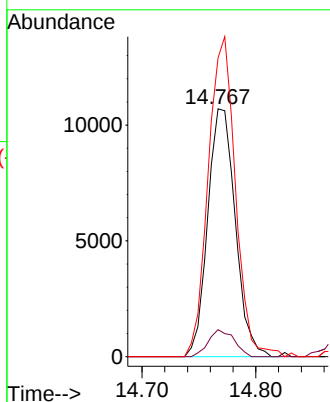
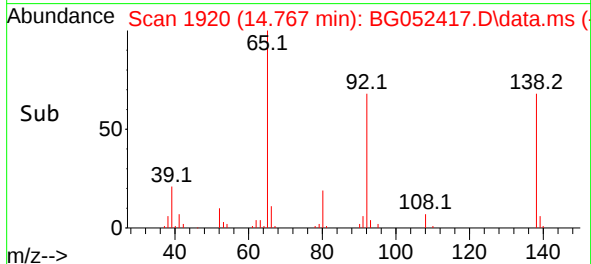
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021



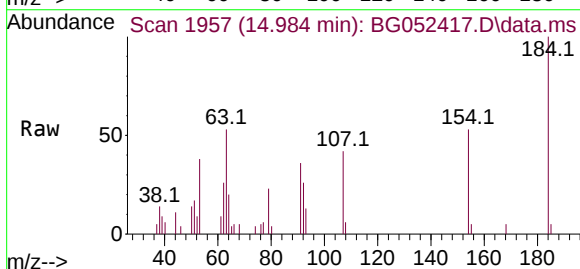
Tgt Ion:138 Resp: 1802
Ion Ratio Lower Upper
138 100
108 10.9 7.8 11.8
92 120.6 100.4 150.6

Manual Integrations
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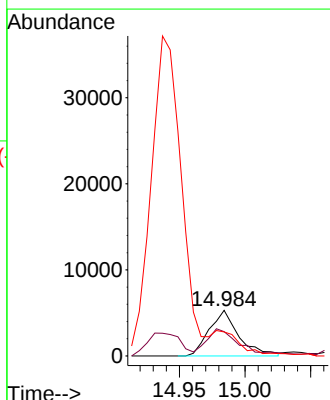
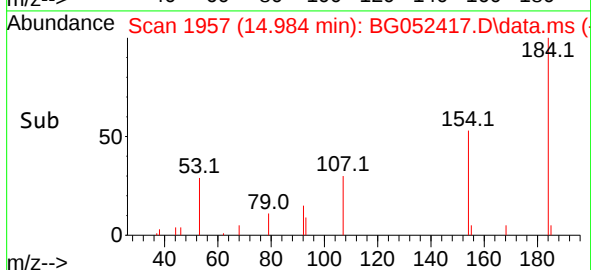
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

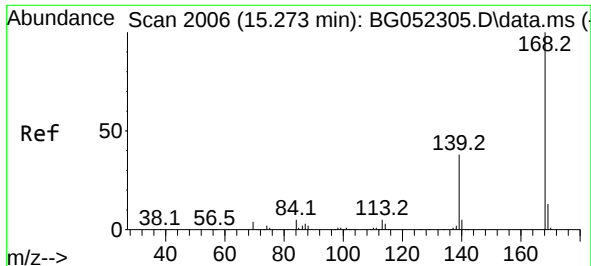


#54
2,4-Dinitrophenol
Concen: 10.793 ng
RT: 14.984 min Scan# 1957
Delta R.T. 0.011 min
Lab File: BG052417.D
Acq: 17 Feb 2022 13:08



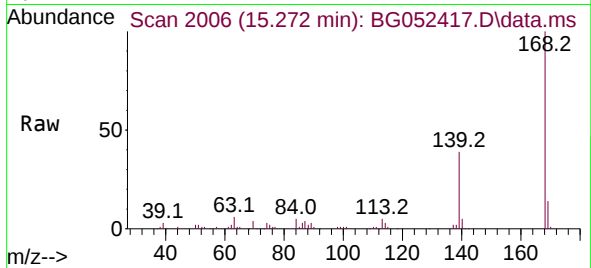
Tgt Ion:184 Resp: 8284
Ion Ratio Lower Upper
184 100
63 53.4 56.0 84.0#
154 52.8 50.2 75.2





#55
Dibenzenofuran
Concen: 12.194 ng
RT: 15.272 min Scan# 2006
Delta R.T. -0.001 min
Lab File: BG052417.D
Acq: 17 Feb 2022 13:08

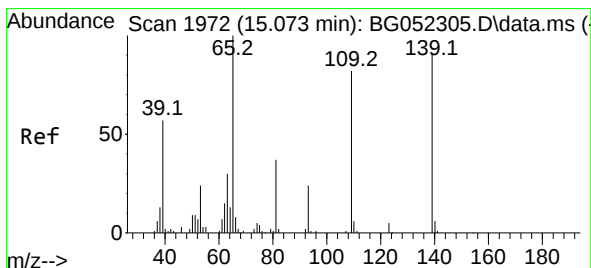
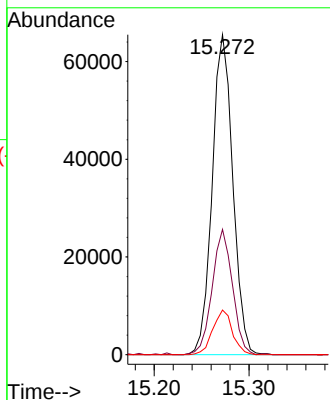
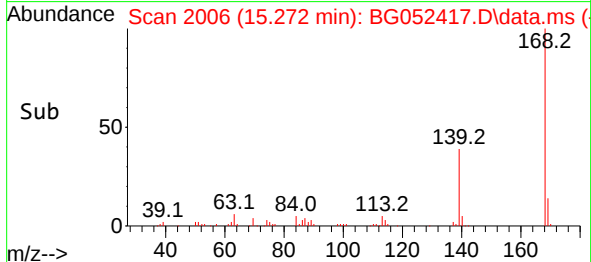
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion:168 Resp: 9889
Ion Ratio Lower Upper
168 100
139 39.2 30.7 46.1
169 14.0 10.9 16.3

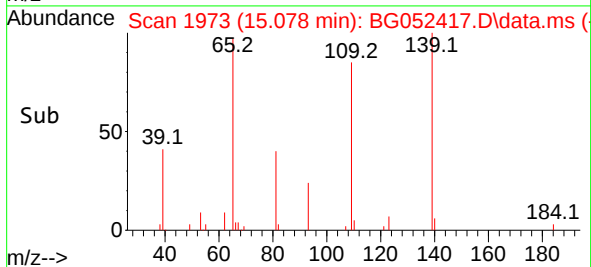
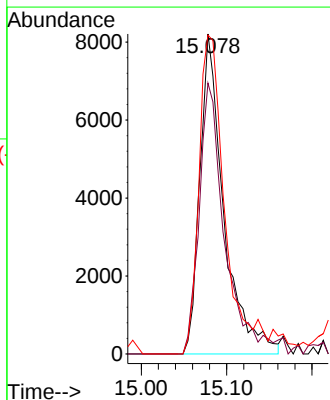
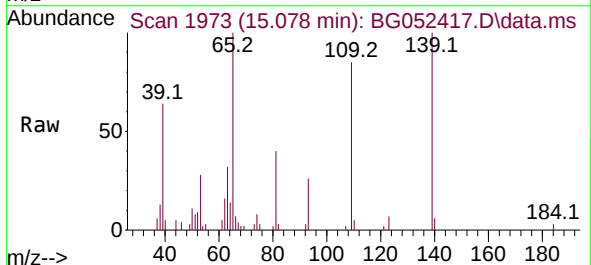
Manual Integrations
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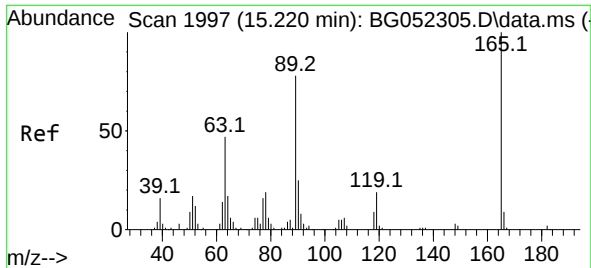
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#56
4-Nitrophenol
Concen: 14.545 ng
RT: 15.078 min Scan# 1973
Delta R.T. 0.005 min
Lab File: BG052417.D
Acq: 17 Feb 2022 13:08

Tgt Ion:139 Resp: 16071
Ion Ratio Lower Upper
139 100
109 84.6 84.9 124.9#
65 99.7 109.9 149.9#





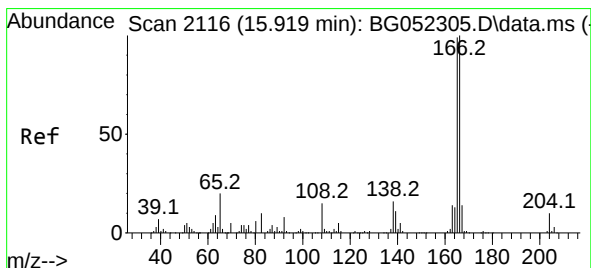
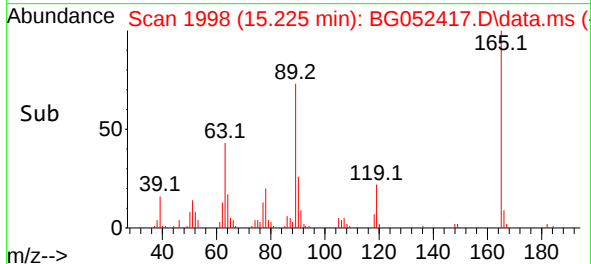
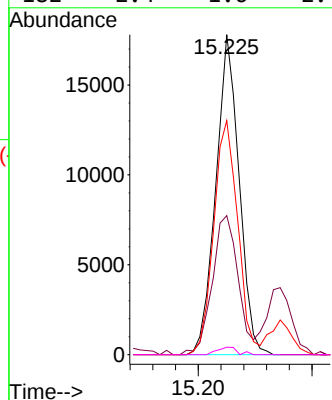
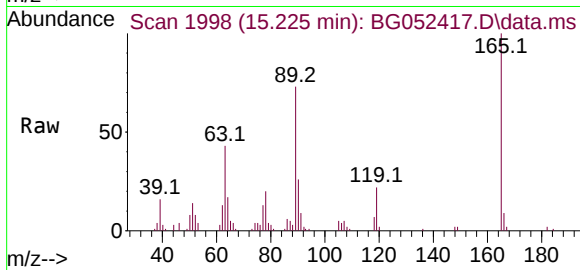
#57
2,4-Dinitrotoluene
Concen: 12.563 ng
RT: 15.225 min Scan# 1998
Delta R.T. 0.005 min
Lab File: BG052417.D
Acq: 17 Feb 2022 13:08

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion:165 Resp: 2531
Ion Ratio Lower Upper
165 100
63 43.5 44.6 66.8
89 73.2 67.4 101.0
182 2.4 1.6 2.4

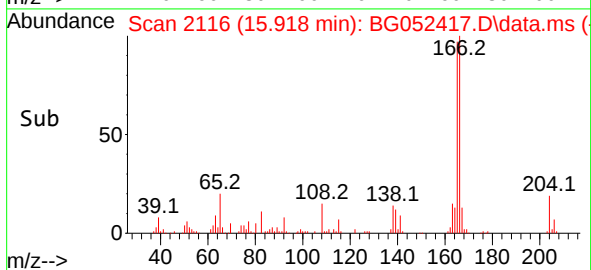
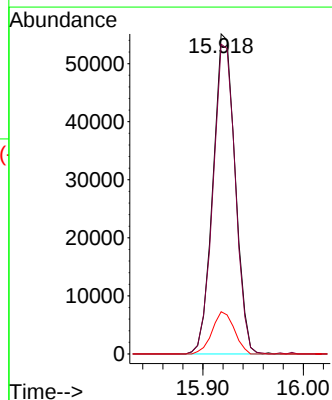
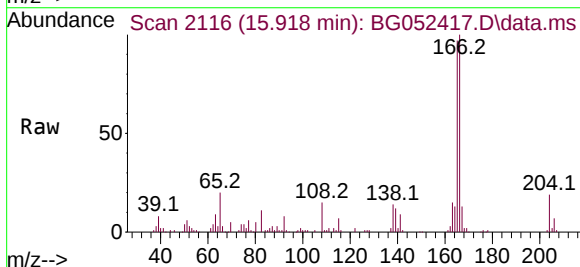
Manual Integrations
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Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#58
Fluorene
Concen: 13.026 ng
RT: 15.918 min Scan# 2116
Delta R.T. -0.001 min
Lab File: BG052417.D
Acq: 17 Feb 2022 13:08

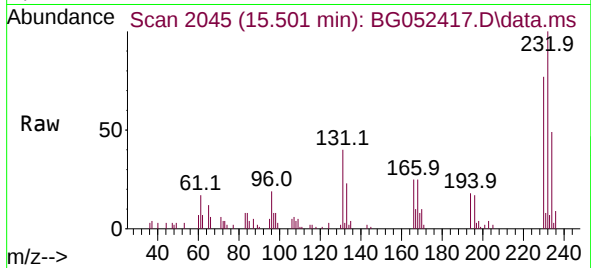
Tgt Ion:166 Resp: 84340
Ion Ratio Lower Upper
166 100
165 96.8 80.0 120.0
167 13.2 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 10.385 ng
RT: 15.501 min Scan# 2045
Delta R.T. 0.005 min
Lab File: BG052417.D
Acq: 17 Feb 2022 13:08

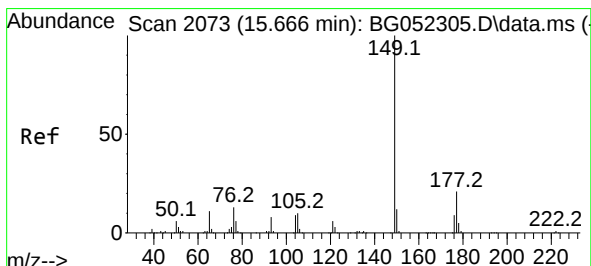
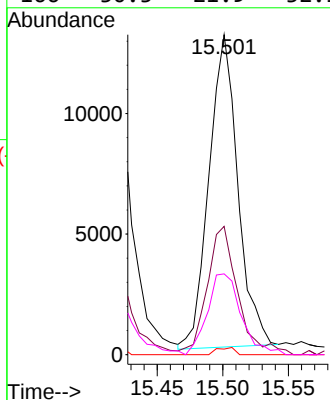
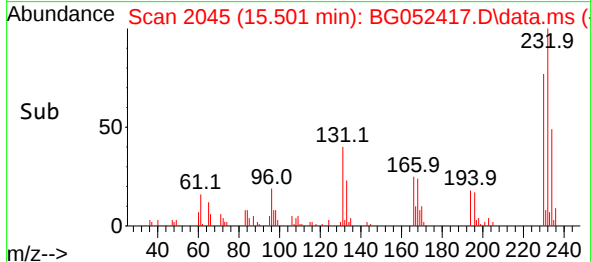
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion:232 Resp: 19804
Ion Ratio Lower Upper
232 100
131 43.6 32.2 48.4
130 1.4 2.2 3.4
166 30.3 21.9 32.9

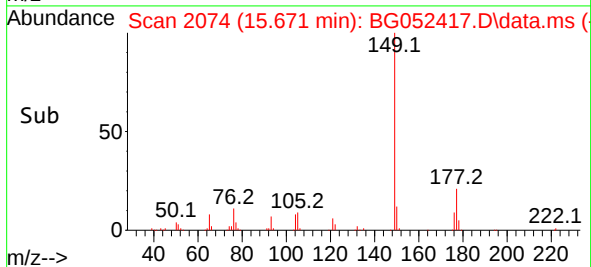
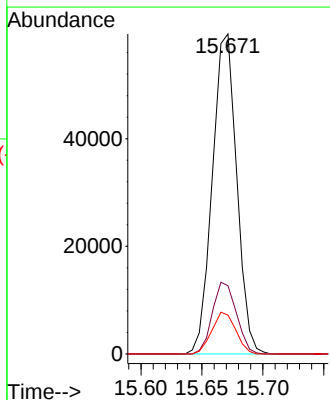
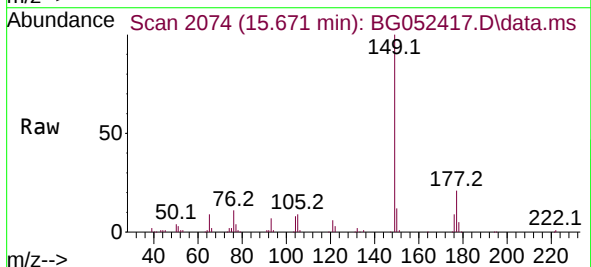
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#60
Diethylphthalate
Concen: 12.506 ng
RT: 15.671 min Scan# 2074
Delta R.T. 0.005 min
Lab File: BG052417.D
Acq: 17 Feb 2022 13:08

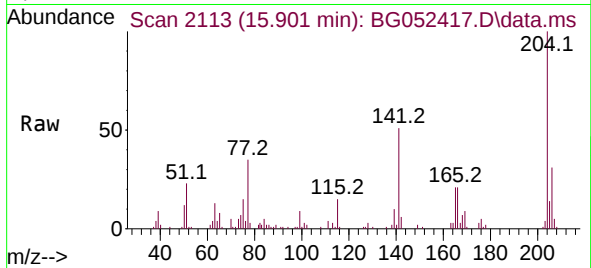
Tgt Ion:149 Resp: 82871
Ion Ratio Lower Upper
149 100
177 21.4 17.8 26.6
150 12.2 9.2 13.8





#61
4-Chlorophenyl-phenylether
Concen: 12.371 ng
RT: 15.901 min Scan# 2113
Delta R.T. -0.001 min
Lab File: BG052417.D
Acq: 17 Feb 2022 13:08

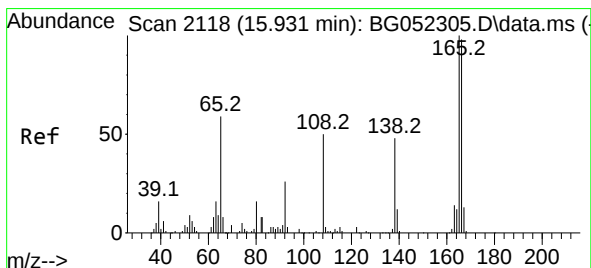
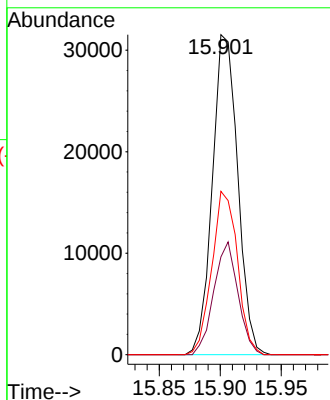
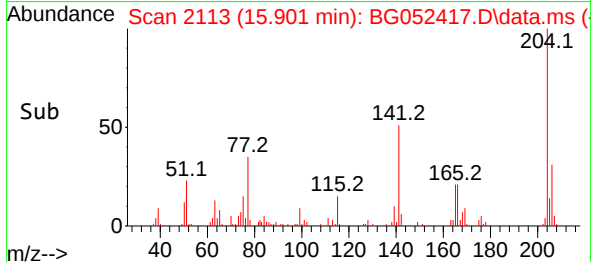
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion:204 Resp: 45628
Ion Ratio Lower Upper
204 100
206 30.6 28.4 42.6
141 51.0 41.8 62.6

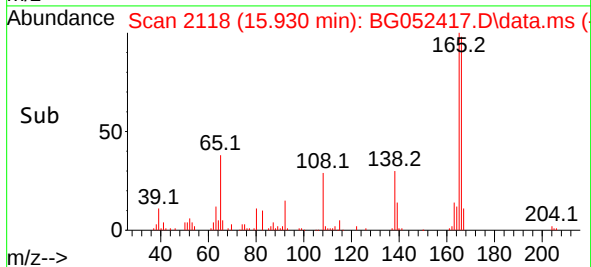
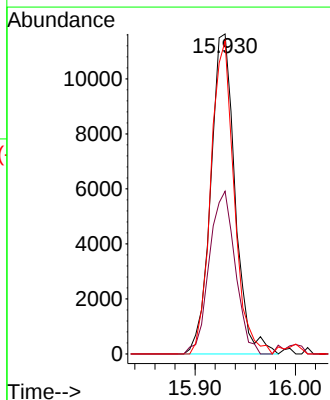
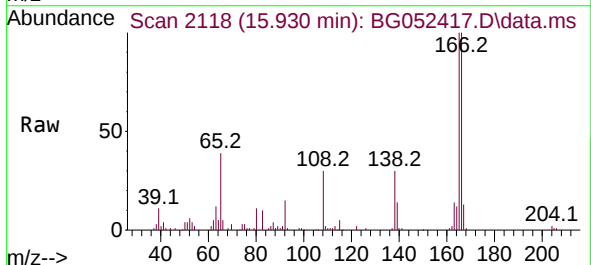
Manual Integrations
APPROVED

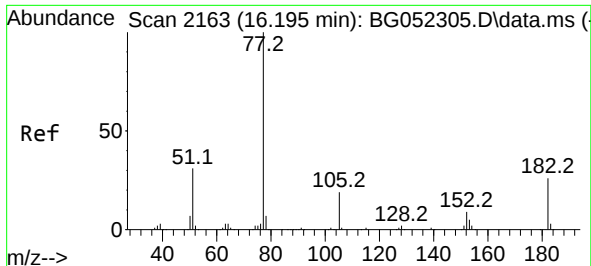
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#62
4-Nitroaniline
Concen: 12.603 ng
RT: 15.930 min Scan# 2118
Delta R.T. -0.001 min
Lab File: BG052417.D
Acq: 17 Feb 2022 13:08

Tgt Ion:138 Resp: 19521
Ion Ratio Lower Upper
138 100
92 50.9 35.5 75.5
108 97.7 96.4 136.4





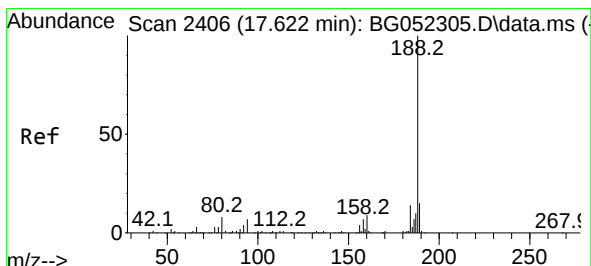
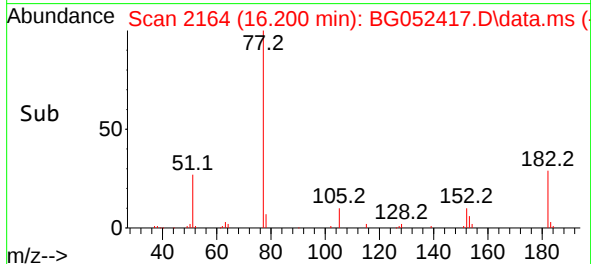
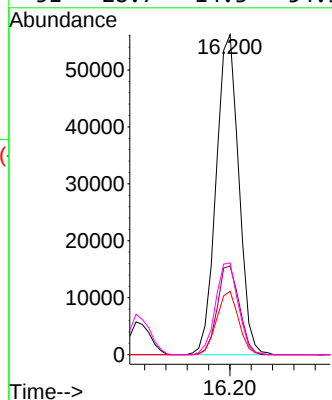
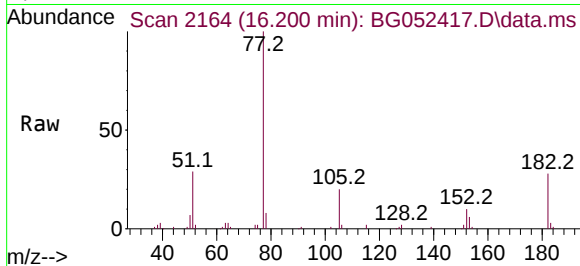
#63
Azobenzene
Concen: 12.189 ng
RT: 16.200 min Scan# 2163
Delta R.T. 0.005 min
Lab File: BG052417.D
Acq: 17 Feb 2022 13:08

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion: 77 Resp: 8268
Ion Ratio Lower Upper
77 100
182 27.7 4.1 44.1
105 19.8 0.0 37.5
51 28.7 14.3 54.3

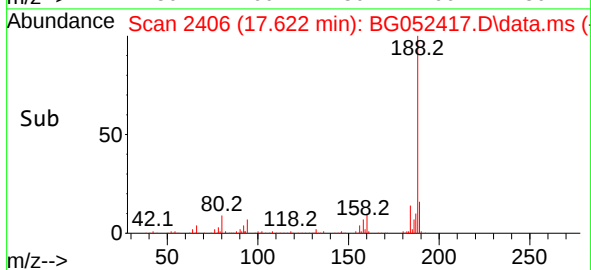
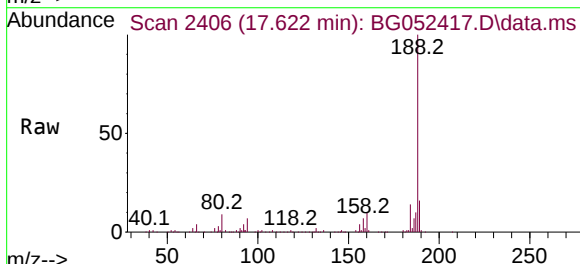
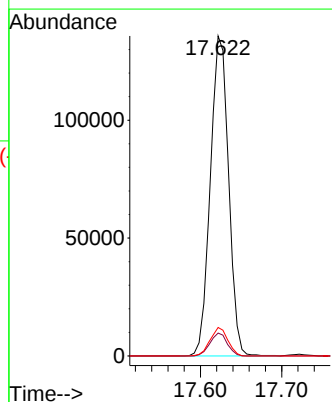
Manual Integrations
APPROVED

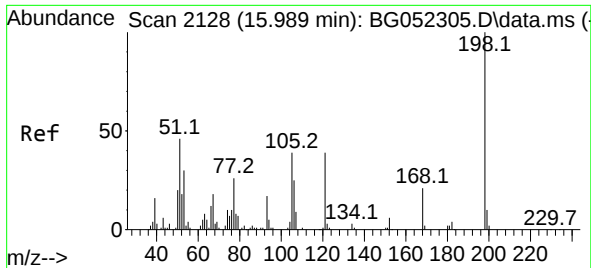
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.622 min Scan# 2406
Delta R.T. -0.001 min
Lab File: BG052417.D
Acq: 17 Feb 2022 13:08

Tgt Ion:188 Resp: 211257
Ion Ratio Lower Upper
188 100
94 7.1 5.9 8.9
80 8.9 6.6 10.0





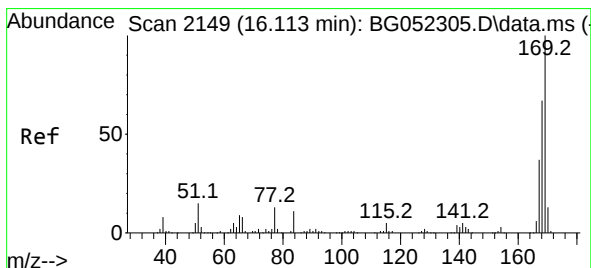
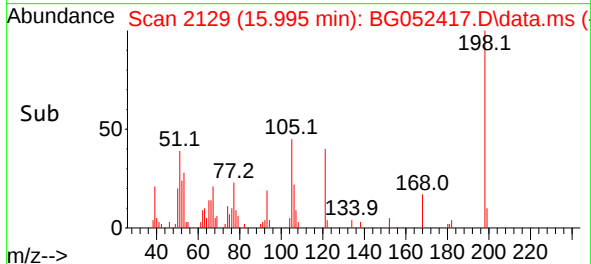
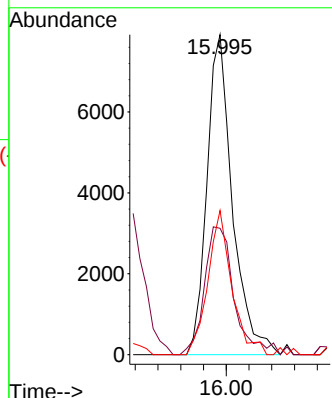
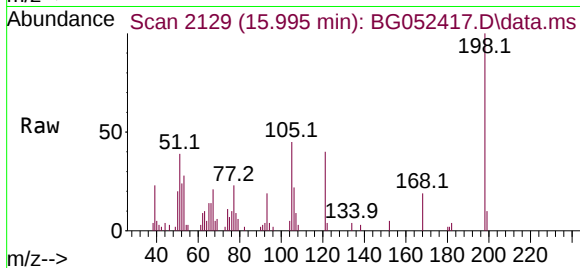
#65
4,6-Dinitro-2-methylphenol
Concen: 9.682 ng
RT: 15.995 min Scan# 2128
Delta R.T. 0.005 min
Lab File: BG052417.D
Acq: 17 Feb 2022 13:08

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021

Tgt Ion:198 Resp: 12304
Ion Ratio Lower Upper
198 100
51 39.5 31.6 71.6
105 45.1 22.3 62.3

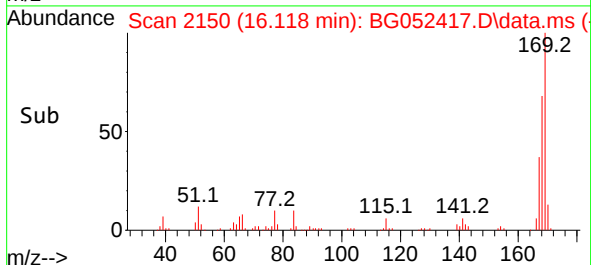
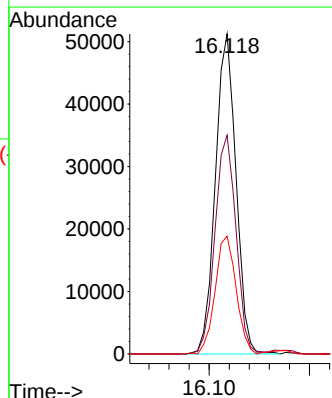
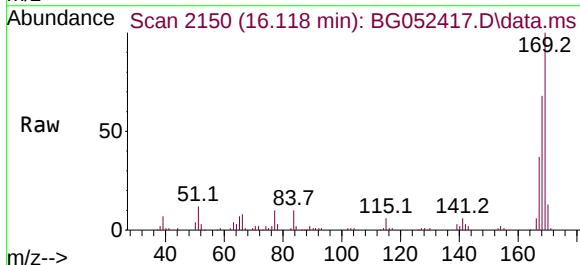
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#66
n-Nitrosodiphenylamine
Concen: 12.546 ng
RT: 16.118 min Scan# 2150
Delta R.T. 0.005 min
Lab File: BG052417.D
Acq: 17 Feb 2022 13:08

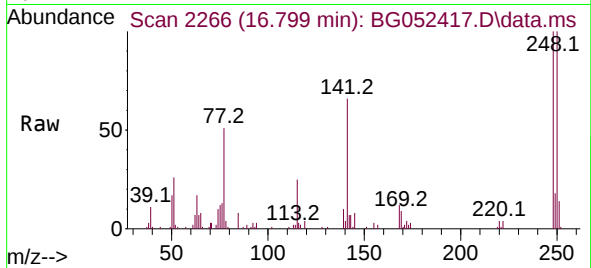
Tgt Ion:169 Resp: 73025
Ion Ratio Lower Upper
169 100
168 68.4 57.4 86.0
167 36.8 29.5 44.3





#67
4-Bromophenyl-phenylether
Concen: 11.905 ng
RT: 16.799 min Scan# 211
Delta R.T. -0.001 min
Lab File: BG052417.D
Acq: 17 Feb 2022 13:08

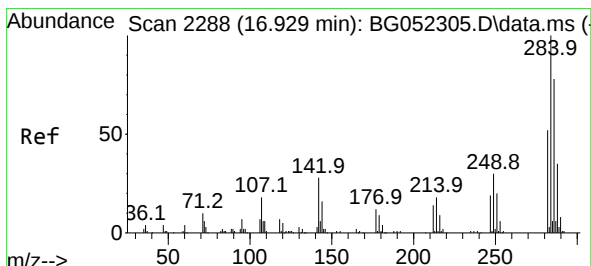
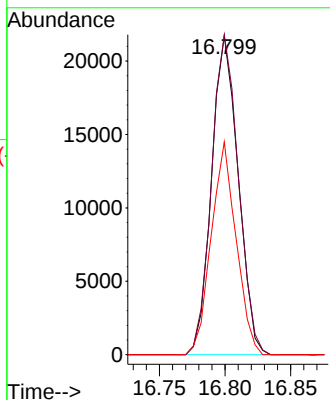
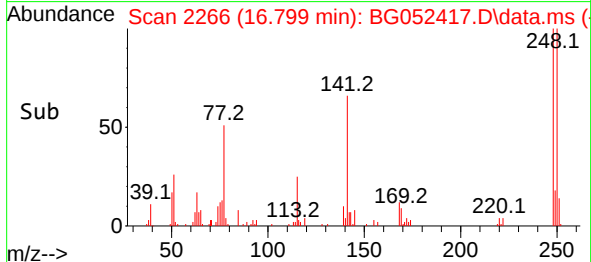
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021



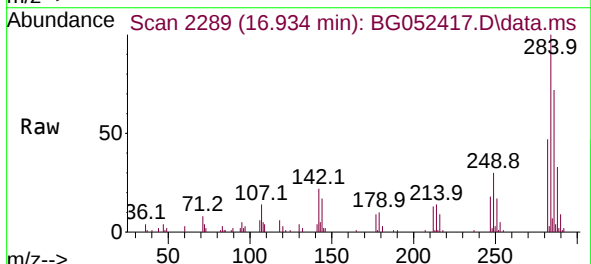
Tgt Ion:248 Resp: 3058
Ion Ratio Lower Upper
248 100
250 100.4 79.6 119.4
141 66.8 54.6 81.8

Manual Integrations
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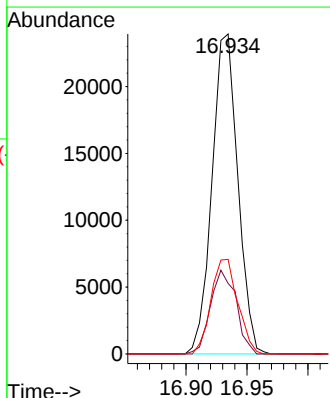
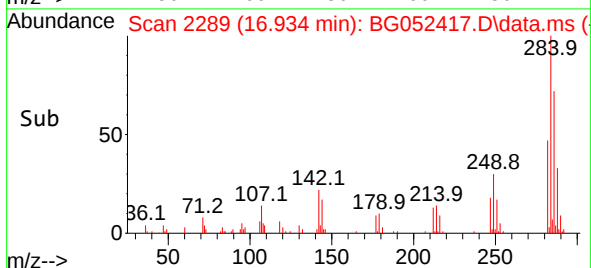
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

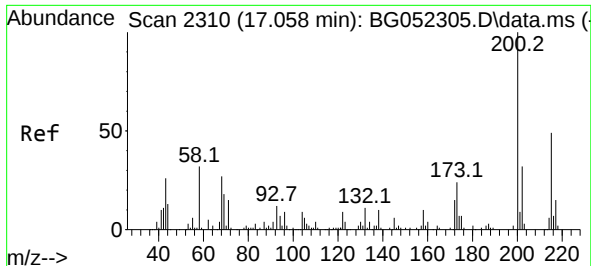


#68
Hexachlorobenzene
Concen: 12.648 ng
RT: 16.934 min Scan# 2289
Delta R.T. 0.005 min
Lab File: BG052417.D
Acq: 17 Feb 2022 13:08



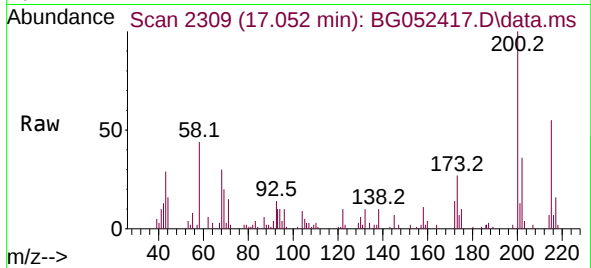
Tgt Ion:284 Resp: 35244
Ion Ratio Lower Upper
284 100
142 22.1 26.2 39.2#
249 29.5 26.9 40.3





#69
 Atrazine
 Concen: 8.232 ng
 RT: 17.052 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG052417.D
 Acq: 17 Feb 2022 13:08

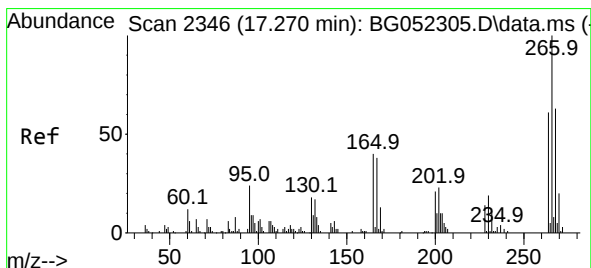
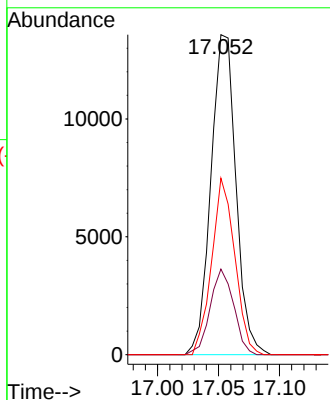
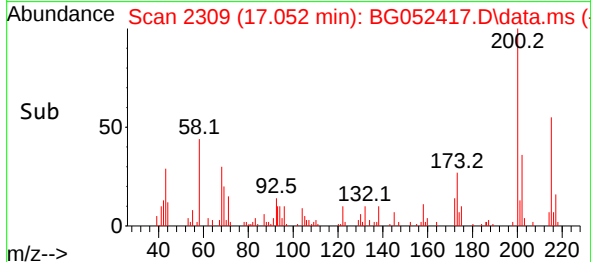
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT4-2021



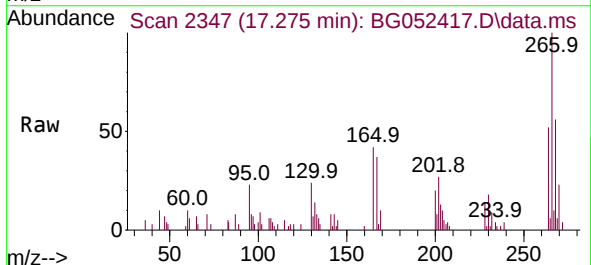
Tgt Ion:200 Resp: 1937
 Ion Ratio Lower Upper
 200 100
 173 26.8 3.3 43.3
 215 55.1 24.4 64.4

Manual Integrations
 APPROVED

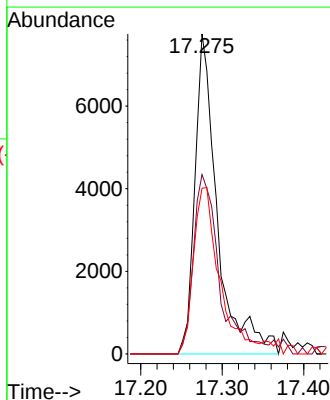
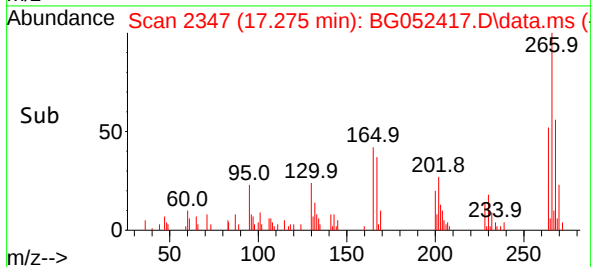
Reviewed By :Christian Giraldo 02/22/2022
 Supervised By :Jagrut Upadhyay 02/22/2022

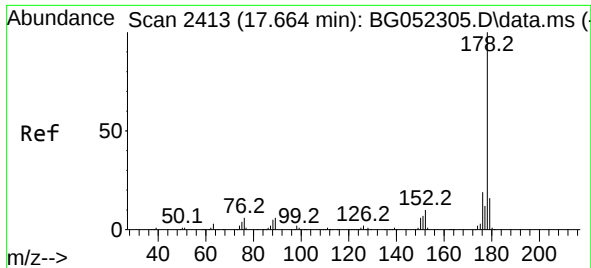


#70
 Pentachlorophenol
 Concen: 10.938 ng m
 RT: 17.275 min Scan# 2347
 Delta R.T. 0.005 min
 Lab File: BG052417.D
 Acq: 17 Feb 2022 13:08



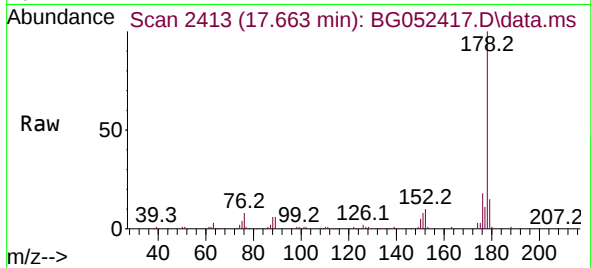
Tgt Ion:266 Resp: 14911
 Ion Ratio Lower Upper
 266 100
 268 56.0 50.6 75.8
 264 51.8 52.2 78.2#





#71
Phenanthrene
Concen: 12.895 ng
RT: 17.663 min Scan# 2413
Delta R.T. -0.001 min
Lab File: BG052417.D
Acq: 17 Feb 2022 13:08

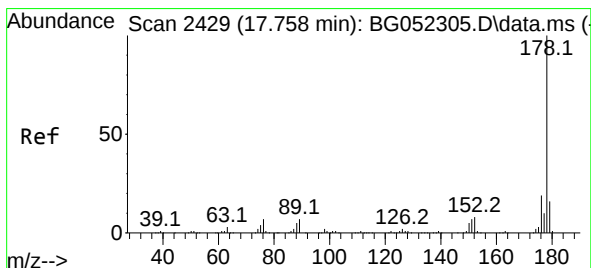
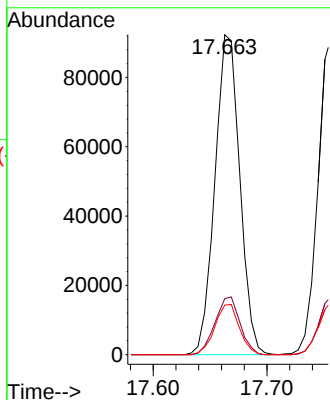
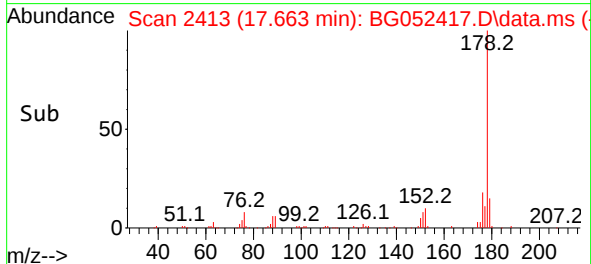
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021



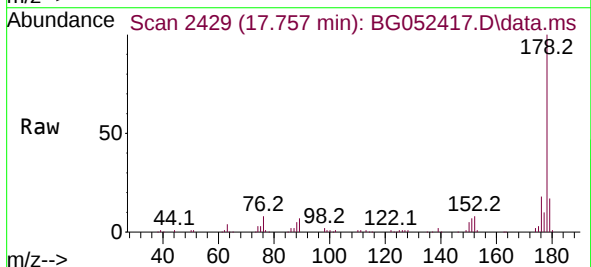
Tgt Ion:178 Resp: 14043
Ion Ratio Lower Upper
178 100
176 17.5 16.6 25.0
179 15.5 12.6 18.8

Manual Integrations
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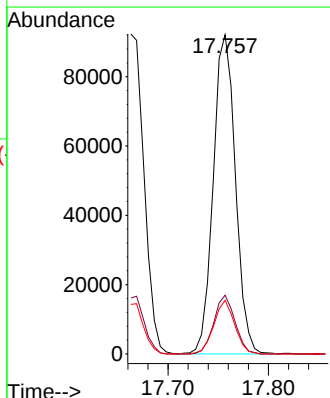
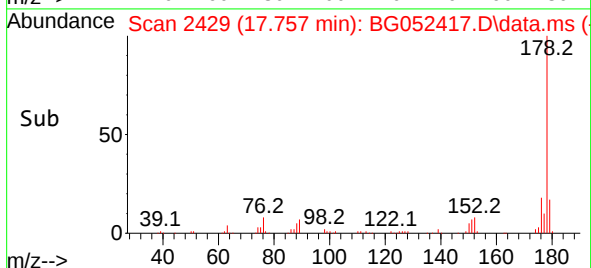
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

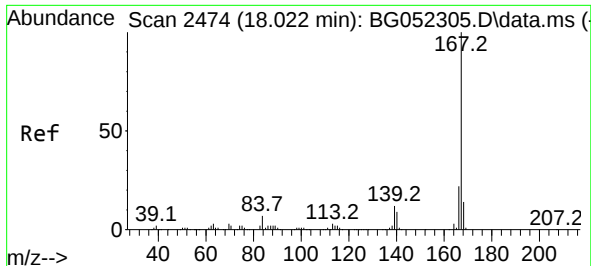


#72
Anthracene
Concen: 13.223 ng
RT: 17.757 min Scan# 2429
Delta R.T. -0.001 min
Lab File: BG052417.D
Acq: 17 Feb 2022 13:08



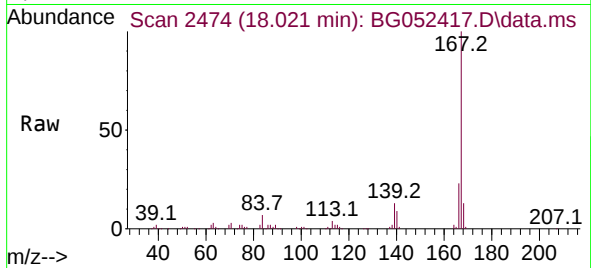
Tgt Ion:178 Resp: 141111
Ion Ratio Lower Upper
178 100
176 18.4 15.3 22.9
179 16.8 13.1 19.7





#73
 Carbazole
 Concen: 12.697 ng
 RT: 18.021 min Scan# 2474
 Delta R.T. -0.001 min
 Lab File: BG052417.D
 Acq: 17 Feb 2022 13:08

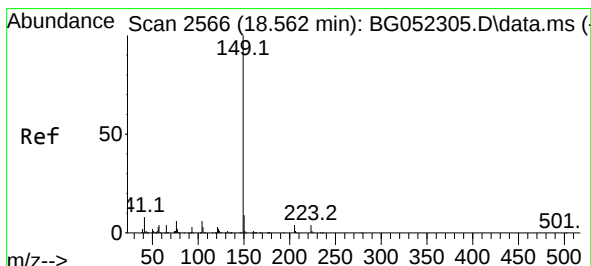
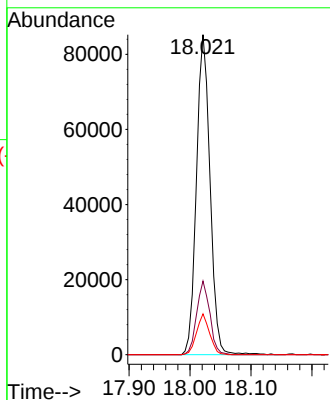
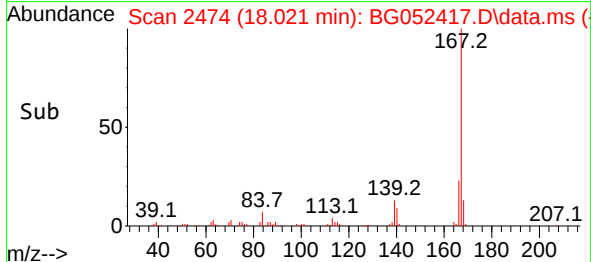
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT4-2021



Tgt Ion:167 Resp: 13215
 Ion Ratio Lower Upper
 167 100
 166 23.0 17.8 26.6
 139 12.7 10.6 16.0

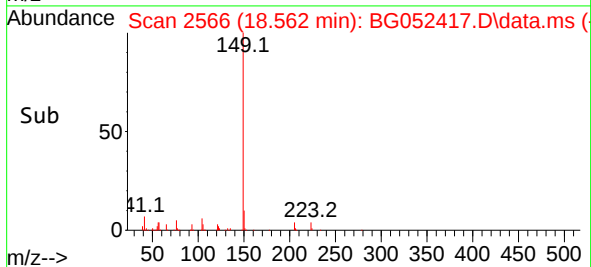
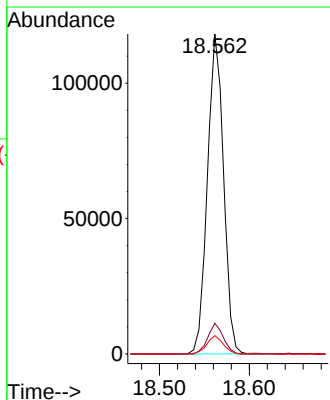
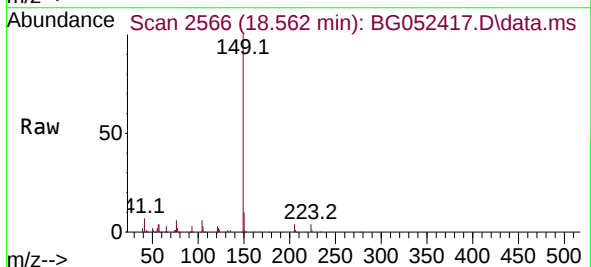
Manual Integrations
 APPROVED

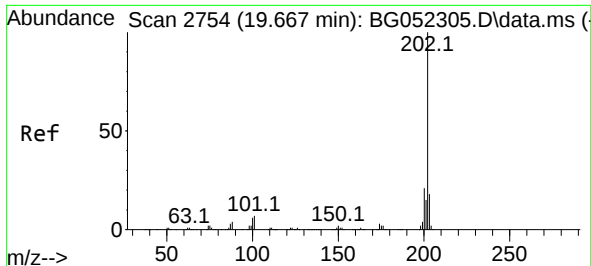
Reviewed By :Christian Giraldo 02/22/2022
 Supervised By :Jagrut Upadhyay 02/22/2022



#74
 Di-n-butylphthalate
 Concen: 13.008 ng
 RT: 18.562 min Scan# 2566
 Delta R.T. -0.001 min
 Lab File: BG052417.D
 Acq: 17 Feb 2022 13:08

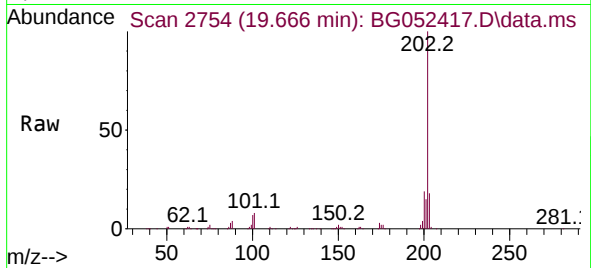
Tgt Ion:149 Resp: 147513
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.4 11.0
 104 5.8 5.4 8.2





#75
Fluoranthene
Concen: 13.447 ng
RT: 19.666 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG052417.D
Acq: 17 Feb 2022 13:08

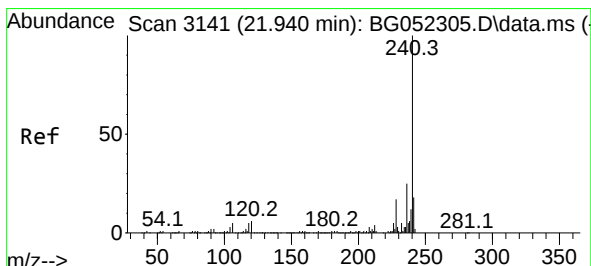
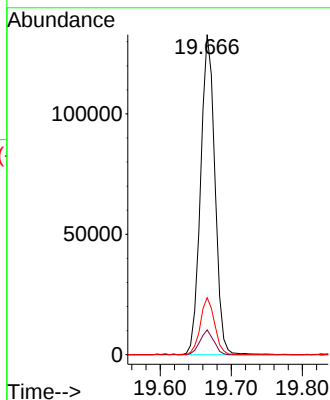
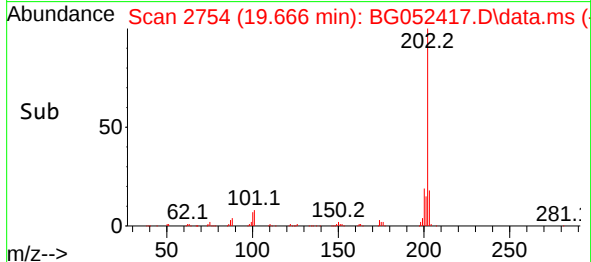
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion:202 Resp: 186470
Ion Ratio Lower Upper
202 100
101 7.8 0.0 27.1
203 17.8 0.0 37.8

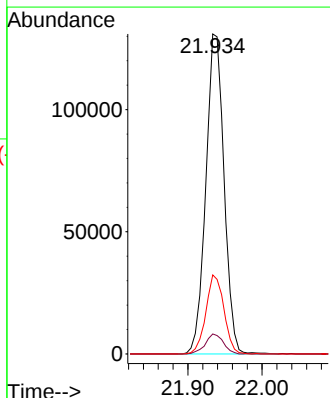
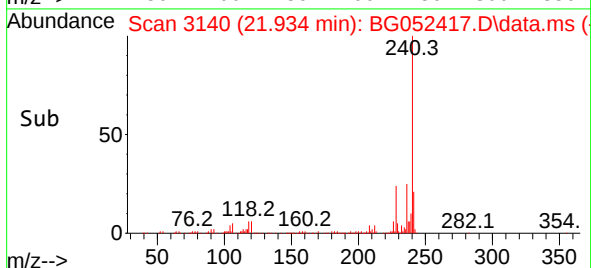
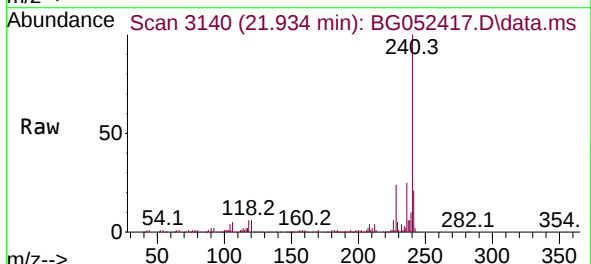
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.934 min Scan# 3140
Delta R.T. -0.007 min
Lab File: BG052417.D
Acq: 17 Feb 2022 13:08

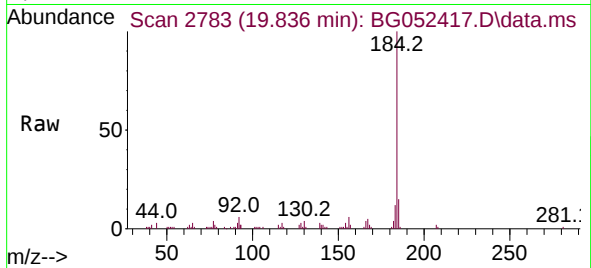
Tgt Ion:240 Resp: 223552
Ion Ratio Lower Upper
240 100
120 6.3 4.4 6.6
236 24.7 20.8 31.2





#77
Benzidine
Concen: 10.232 ng
RT: 19.836 min Scan# 21
Delta R.T. 0.005 min
Lab File: BG052417.D
Acq: 17 Feb 2022 13:08

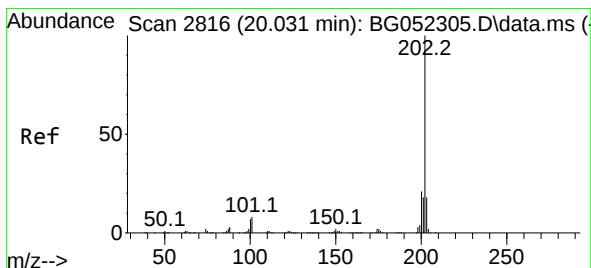
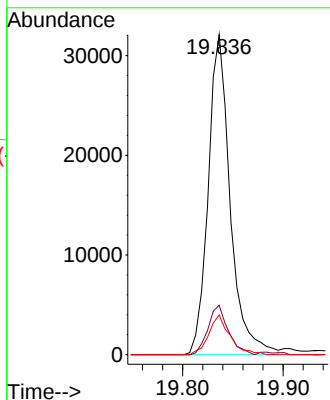
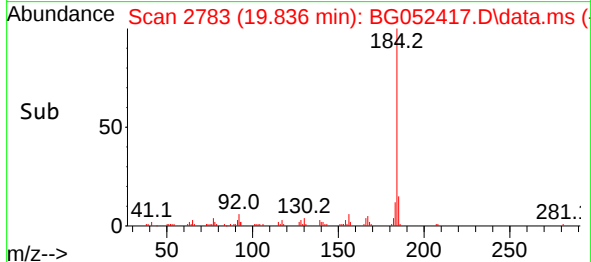
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion:184 Resp: 48870
Ion Ratio Lower Upper
184 100
185 15.5 11.8 17.8
183 12.4 9.8 14.6

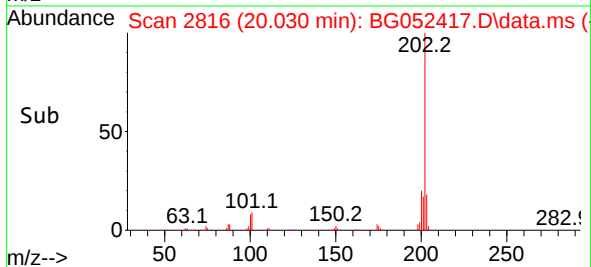
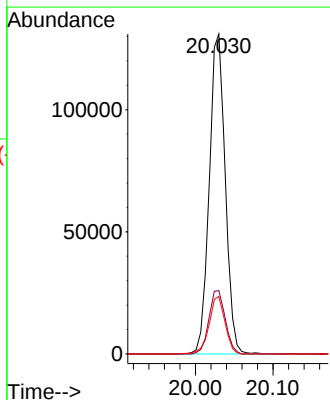
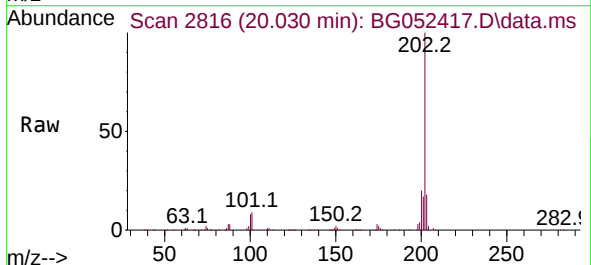
Manual Integrations
APPROVED

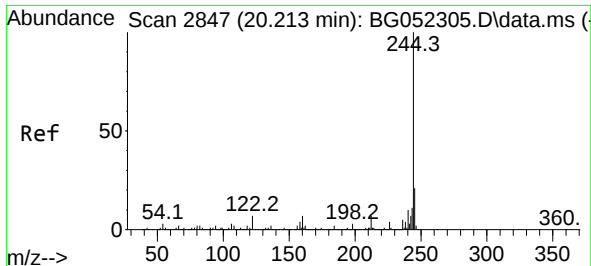
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#78
Pyrene
Concen: 12.533 ng
RT: 20.030 min Scan# 2816
Delta R.T. -0.001 min
Lab File: BG052417.D
Acq: 17 Feb 2022 13:08

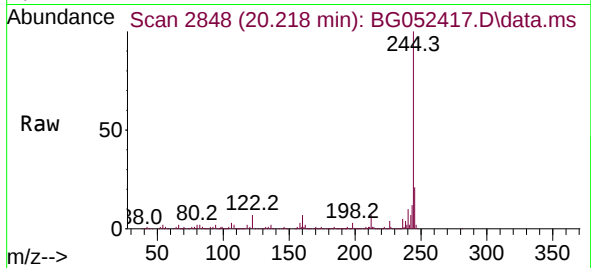
Tgt Ion:202 Resp: 187476
Ion Ratio Lower Upper
202 100
200 19.8 17.4 26.2
203 18.0 14.5 21.7





#79
 Terphenyl-d14
 Concen: 70.563 ng
 RT: 20.218 min Scan# 2118
 Delta R.T. 0.005 min
 Lab File: BG052417.D
 Acq: 17 Feb 2022 13:08

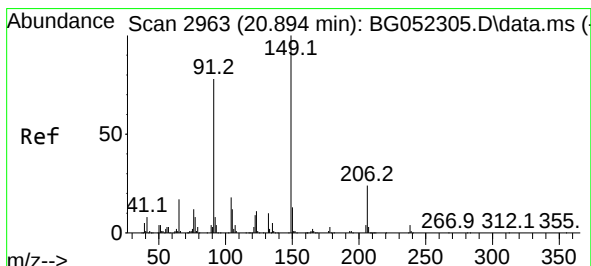
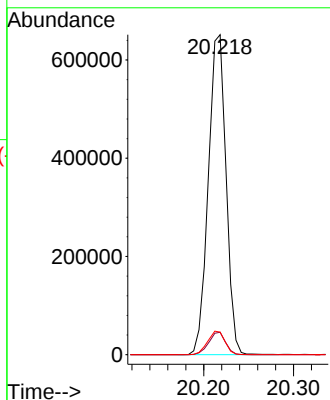
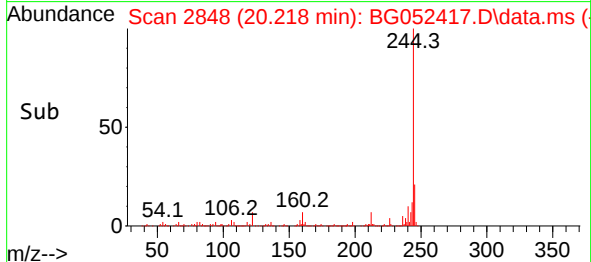
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT4-2021



Tgt Ion:244 Resp: 893304
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 7.1 6.2 9.4

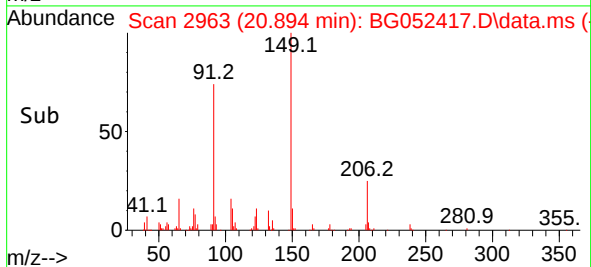
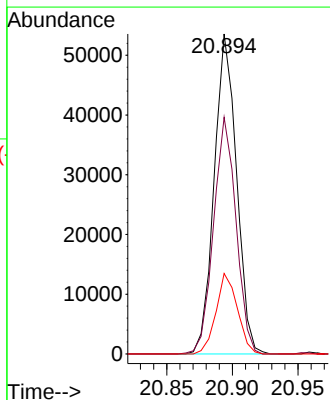
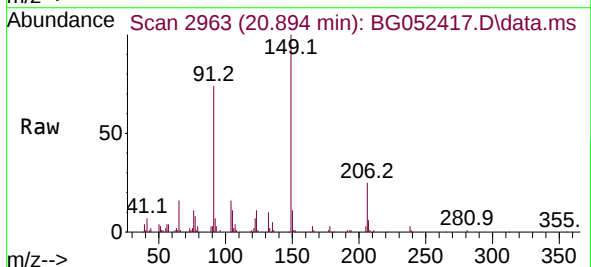
Manual Integrations
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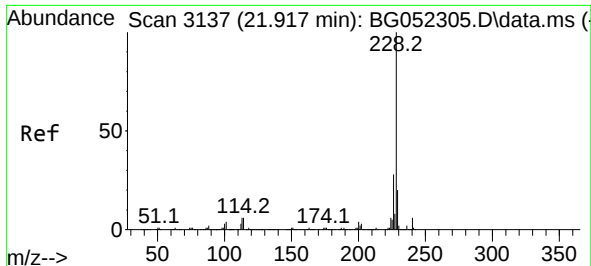
Reviewed By :Christian Giraldo 02/22/2022
 Supervised By :Jagrut Upadhyay 02/22/2022



#80
 Butylbenzylphthalate
 Concen: 12.182 ng
 RT: 20.894 min Scan# 2963
 Delta R.T. -0.001 min
 Lab File: BG052417.D
 Acq: 17 Feb 2022 13:08

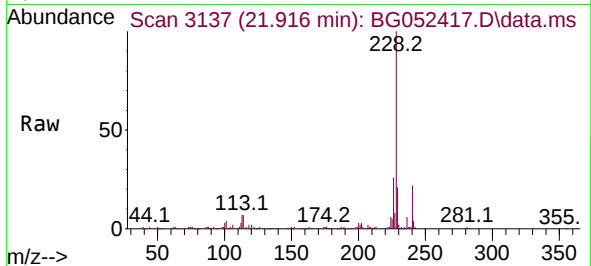
Tgt Ion:149 Resp: 63299
 Ion Ratio Lower Upper
 149 100
 91 74.0 64.0 96.0
 206 25.1 19.3 28.9





#81
Benzo(a)anthracene
Concen: 12.708 ng
RT: 21.916 min Scan# 3137
Delta R.T. -0.001 min
Lab File: BG052417.D
Acq: 17 Feb 2022 13:08

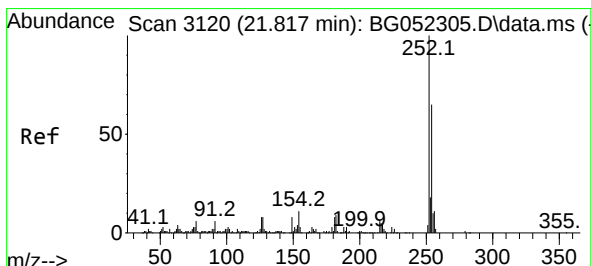
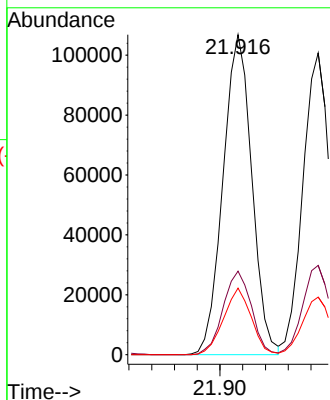
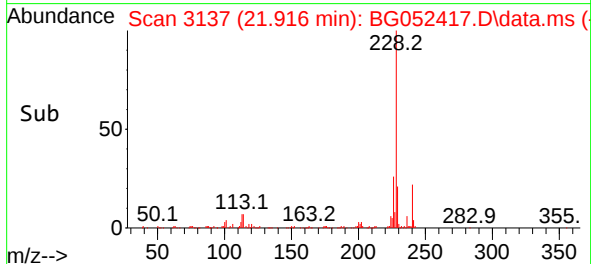
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion:228 Resp: 18798
Ion Ratio Lower Upper
228 100
226 26.1 21.6 32.4
229 20.8 16.0 24.0

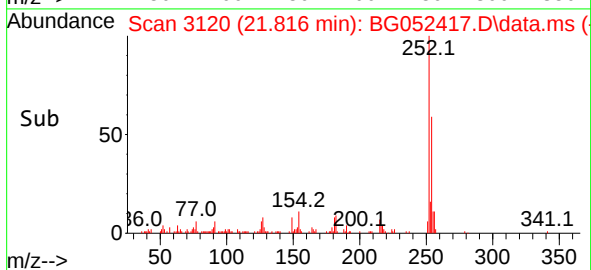
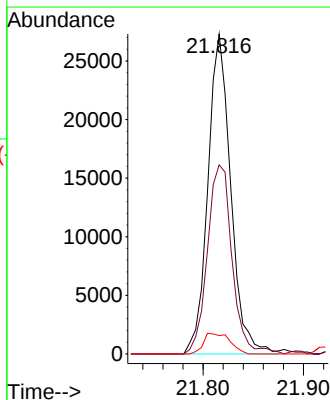
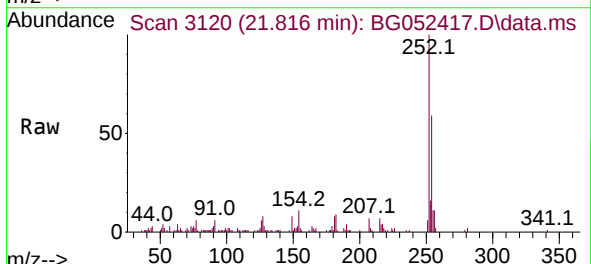
Manual Integrations
APPROVED

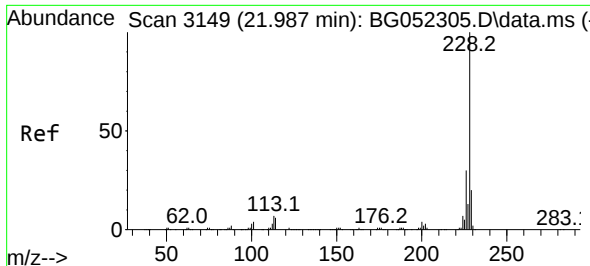
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#82
3,3'-Dichlorobenzidine
Concen: 8.374 ng
RT: 21.816 min Scan# 3120
Delta R.T. -0.001 min
Lab File: BG052417.D
Acq: 17 Feb 2022 13:08

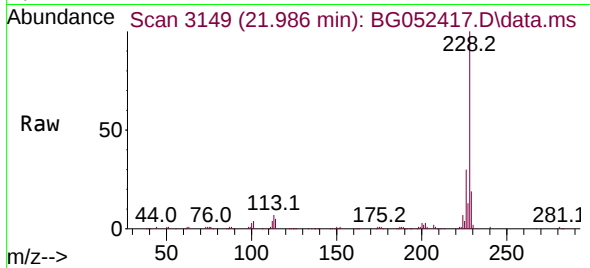
Tgt Ion:252 Resp: 43249
Ion Ratio Lower Upper
252 100
254 59.1 52.6 79.0
126 5.7 6.4 9.6#





#83
Chrysene
Concen: 12.111 ng
RT: 21.986 min Scan# 3149
Delta R.T. -0.001 min
Lab File: BG052417.D
Acq: 17 Feb 2022 13:08

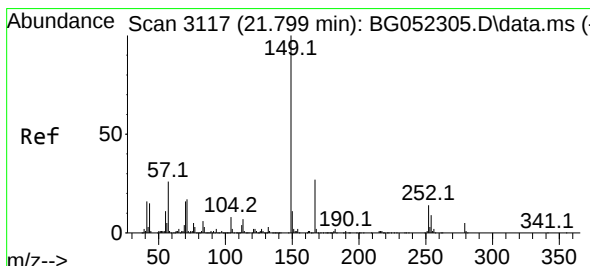
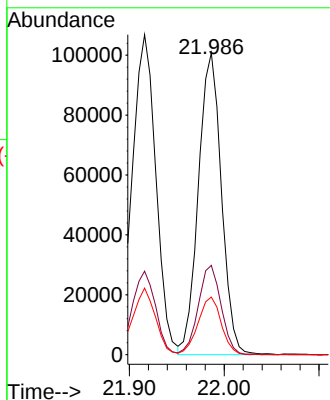
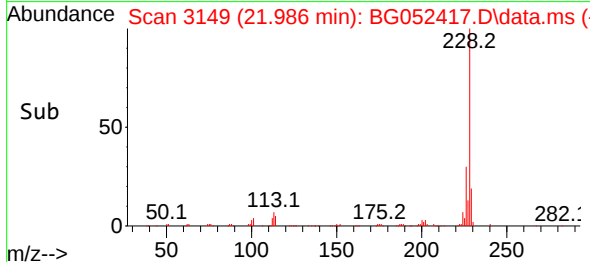
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion:228 Resp: 169770
Ion Ratio Lower Upper
228 100
226 29.6 24.1 36.1
229 19.1 16.4 24.6

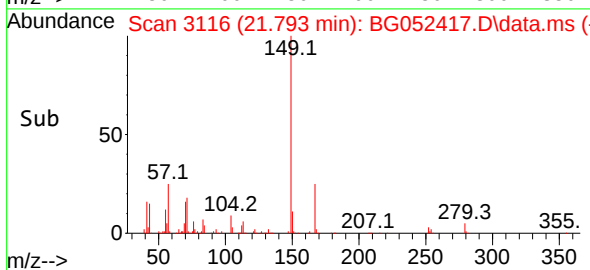
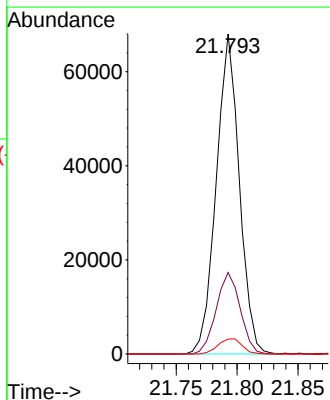
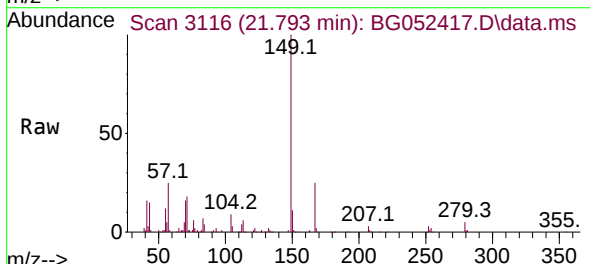
Manual Integrations
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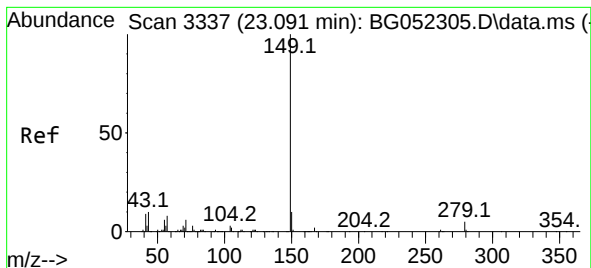
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 12.417 ng
RT: 21.793 min Scan# 3116
Delta R.T. -0.007 min
Lab File: BG052417.D
Acq: 17 Feb 2022 13:08

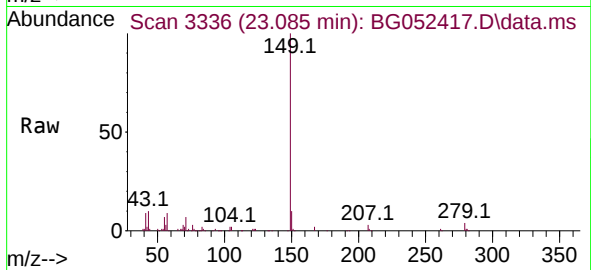
Tgt Ion:149 Resp: 89466
Ion Ratio Lower Upper
149 100
167 25.4 21.4 32.0
279 4.7 4.2 6.2





#85
Di-n-octyl phthalate
Concen: 12.477 ng
RT: 23.085 min Scan# 3336
Delta R.T. -0.007 min
Lab File: BG052417.D
Acq: 17 Feb 2022 13:08

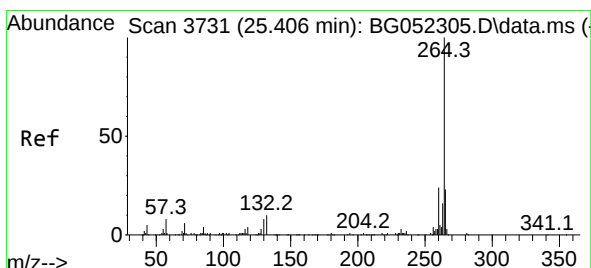
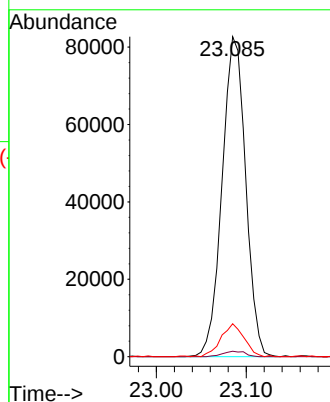
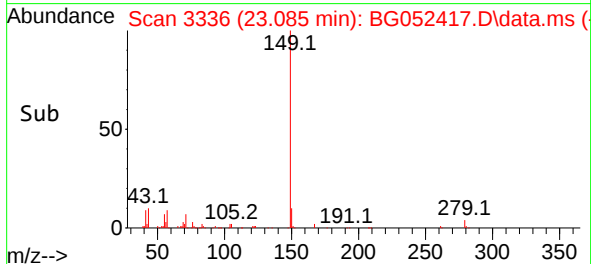
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion:149 Resp: 150718
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 10.2 10.0 15.0

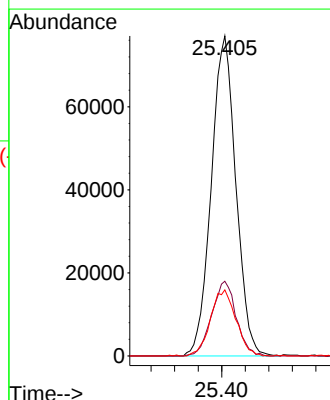
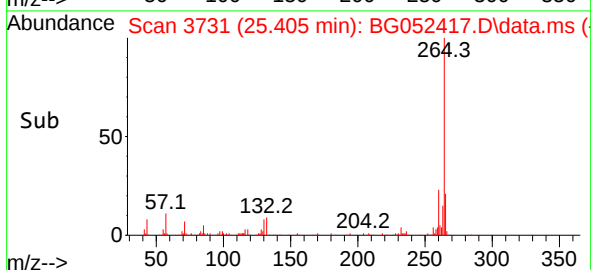
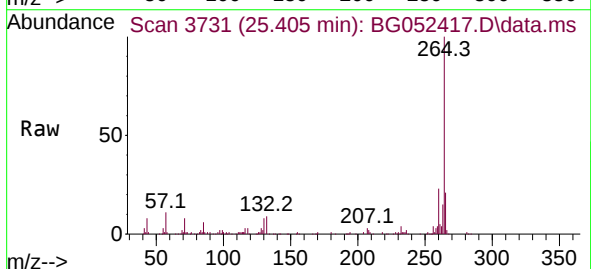
Manual Integrations
APPROVED

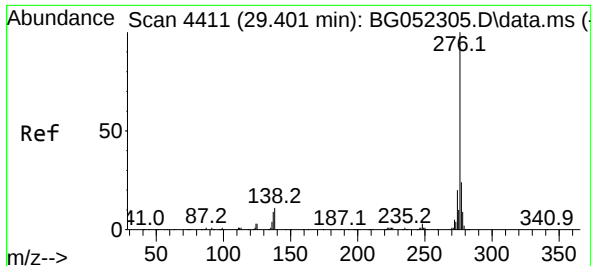
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.405 min Scan# 3731
Delta R.T. -0.001 min
Lab File: BG052417.D
Acq: 17 Feb 2022 13:08

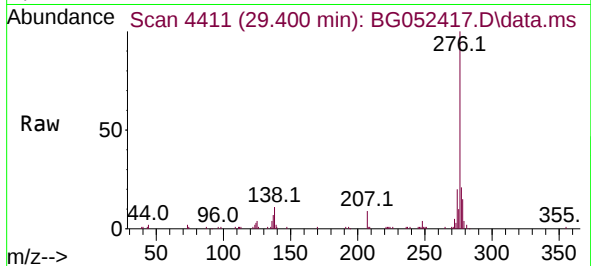
Tgt Ion:264 Resp: 223719
Ion Ratio Lower Upper
264 100
260 23.3 18.5 27.7
265 20.7 17.8 26.6





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 11.893 ng
 RT: 29.400 min Scan# 4411
 Delta R.T. -0.001 min
 Lab File: BG052417.D
 Acq: 17 Feb 2022 13:08

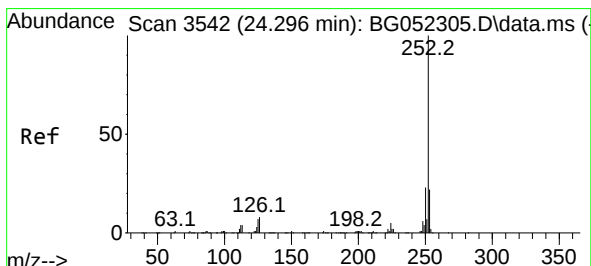
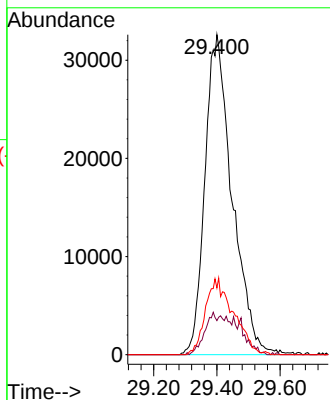
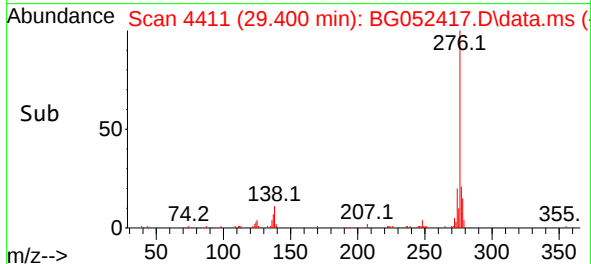
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT4-2021



Tgt Ion:276 Resp: 19470
 Ion Ratio Lower Upper
 276 100
 138 5.9 6.1 9.1
 277 24.6 20.2 30.4

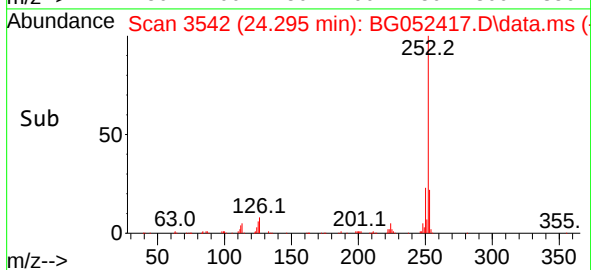
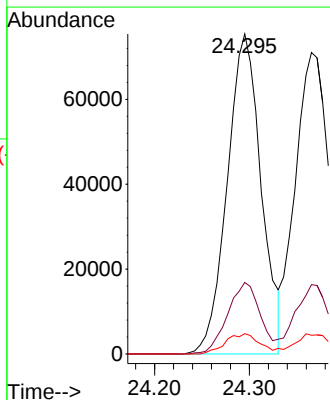
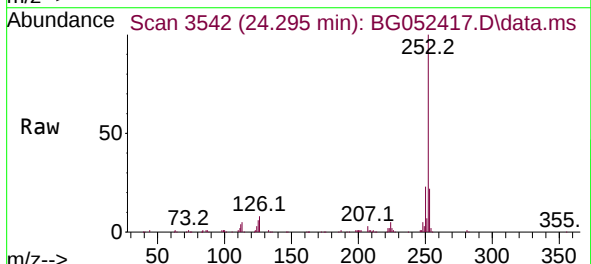
Manual Integrations
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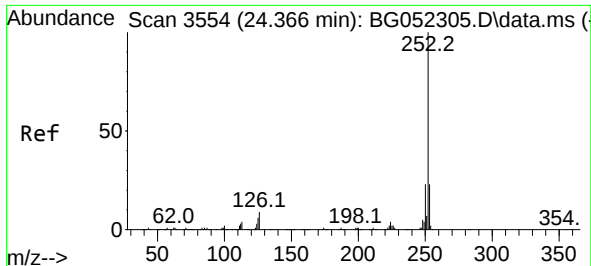
Reviewed By :Christian Giraldo 02/22/2022
 Supervised By :Jagrut Upadhyay 02/22/2022



#88
 Benzo(b)fluoranthene
 Concen: 13.426 ng
 RT: 24.295 min Scan# 3542
 Delta R.T. -0.001 min
 Lab File: BG052417.D
 Acq: 17 Feb 2022 13:08

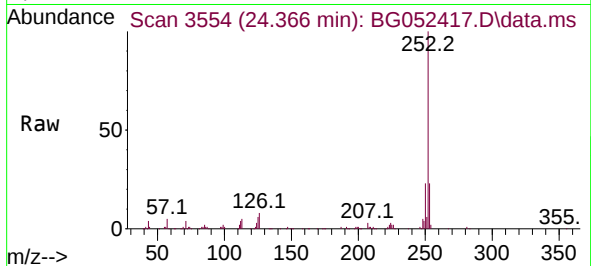
Tgt Ion:252 Resp: 187177
 Ion Ratio Lower Upper
 252 100
 253 22.3 18.3 27.5
 125 6.3 5.4 8.2





#89
Benzo(k)fluoranthene
Concen: 13.264 ng
RT: 24.366 min Scan# 301
Delta R.T. -0.001 min
Lab File: BG052417.D
Acq: 17 Feb 2022 13:08

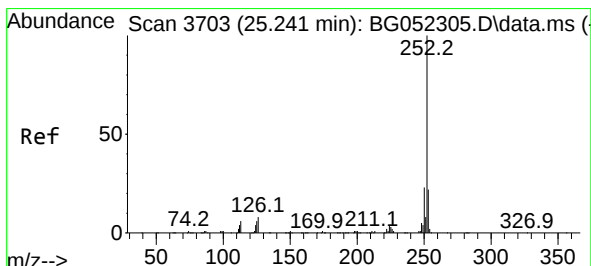
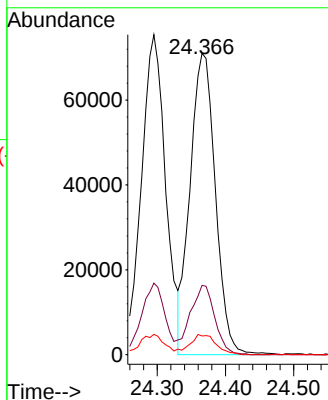
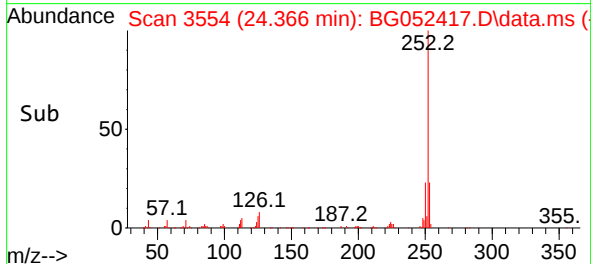
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021



Tgt Ion:252 Resp: 182674
Ion Ratio Lower Upper
252 100
253 23.0 17.3 25.9
125 6.2 4.6 7.0

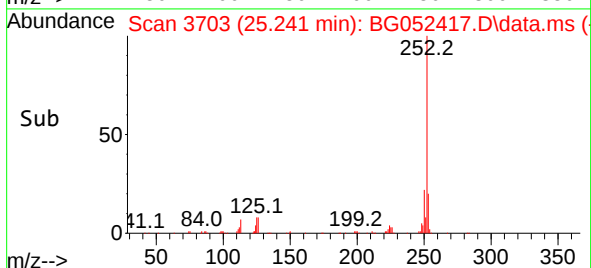
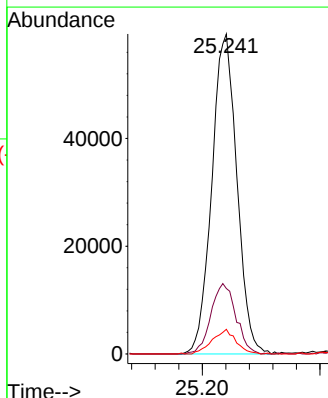
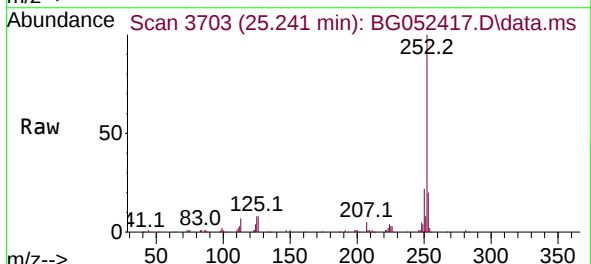
Manual Integrations
APPROVED

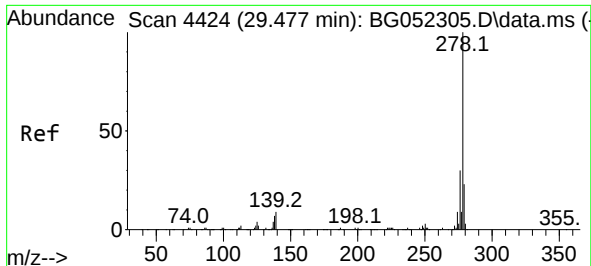
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#90
Benzo(a)pyrene
Concen: 14.921 ng
RT: 25.241 min Scan# 3703
Delta R.T. -0.001 min
Lab File: BG052417.D
Acq: 17 Feb 2022 13:08

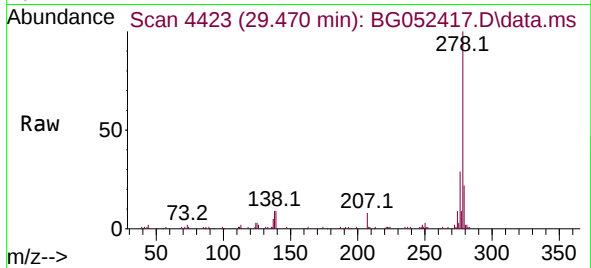
Tgt Ion:252 Resp: 175722
Ion Ratio Lower Upper
252 100
253 20.4 17.5 26.3
125 7.7 5.0 7.6#





#91
Dibenzo(a,h)anthracene
Concen: 12.663 ng
RT: 29.470 min Scan# 4424
Delta R.T. -0.007 min
Lab File: BG052417.D
Acq: 17 Feb 2022 13:08

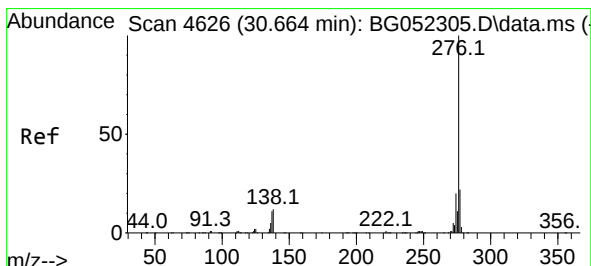
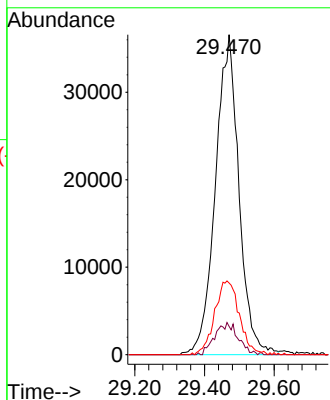
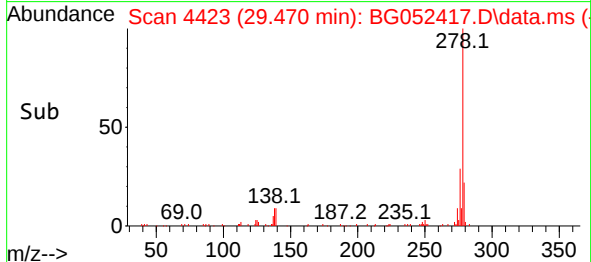
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021



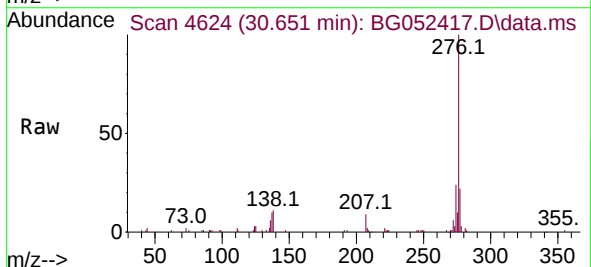
Tgt Ion:278 Resp: 171260
Ion Ratio Lower Upper
278 100
139 8.8 6.4 9.6
279 22.4 20.1 30.1

Manual Integrations
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Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#92
Benzo(g,h,i)perylene
Concen: 12.674 ng
RT: 30.651 min Scan# 4624
Delta R.T. -0.012 min
Lab File: BG052417.D
Acq: 17 Feb 2022 13:08



Tgt Ion:276 Resp: 168214
Ion Ratio Lower Upper
276 100
277 21.9 18.2 27.2
138 11.2 9.1 13.7

