

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013023\
 Data File : BG056473.D
 Acq On : 30 Jan 2023 17:08
 Operator : CG/JU
 Sample : N3980-08
 Misc : LOQ-WATER-10ppm
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT3-2022

Quant Time: Jan 31 03:03:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 28 00:39:13 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/31/2023
 Supervised By :Jagrut Upadhyay 01/31/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.279	152	37392	20.000	ng	# 0.00
21) Naphthalene-d8	11.111	136	143895	20.000	ng	0.00
39) Acenaphthene-d10	14.901	164	115866	20.000	ng	0.00
64) Phenanthrene-d10	17.633	188	303939	20.000	ng	0.00
76) Chrysene-d12	21.922	240	294193	20.000	ng	0.00
86) Perylene-d12	25.348	264	314311	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.794	112	217891	107.196	ng	0.00
7) Phenol-d6	7.422	99	309786	102.861	ng	0.00
23) Nitrobenzene-d5	9.454	82	185052	73.027	ng	0.00
42) 2,4,6-Tribromophenol	16.382	330	167397	108.673	ng	0.00
45) 2-Fluorobiphenyl	13.526	172	623730	74.634	ng	0.00
79) Terphenyl-d14	20.212	244	1175000	70.149	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.597	88	8321	9.831	ng	# 95
3) Pyridine	4.025	79	21040m	8.339	ng	
4) n-Nitrosodimethylamine	3.937	42	5049	9.410	ng	# 84
6) Aniline	7.592	93	34778	8.820	ng	92
8) 2-Chlorophenol	7.839	128	20812	9.320	ng	96
9) Benzaldehyde	7.404	77	18094	10.422	ng	95
10) Phenol	7.451	94	27423	8.959	ng	98
11) bis(2-Chloroethyl)ether	7.680	93	19578	9.305	ng	92
12) 1,3-Dichlorobenzene	8.168	146	25987	10.108	ng	96
13) 1,4-Dichlorobenzene	8.315	146	26299	10.101	ng	95
14) 1,2-Dichlorobenzene	8.638	146	25327	10.026	ng	97
15) Benzyl Alcohol	8.514	79	17515	8.476	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.790	45	4501	10.096	ng	85
17) 2-Methylphenol	8.714	107	19065	8.187	ng	97
18) Hexachloroethane	9.372	117	7366	9.354	ng	97
19) n-Nitroso-di-n-propyla...	9.073	70	15470	8.913	ng	93
20) 3+4-Methylphenols	9.043	107	26641	8.163	ng	96
22) Acetophenone	9.108	105	37582	9.830	ng	# 97
24) Nitrobenzene	9.496	77	23848	9.757	ng	93
25) Isophorone	10.013	82	46912	8.974	ng	99
26) 2-Nitrophenol	10.212	139	13437	9.061	ng	# 89
27) 2,4-Dimethylphenol	10.253	122	20002	8.059	ng	99
28) bis(2-Chloroethoxy)met...	10.489	93	26609	9.214	ng	98
29) 2,4-Dichlorophenol	10.759	162	26741	9.572	ng	96
30) 1,2,4-Trichlorobenzene	10.970	180	30227	9.736	ng	98
31) Naphthalene	11.158	128	71670	9.437	ng	98
32) Benzoic acid	10.371	122	11092m	7.988	ng	
33) 4-Chloroaniline	11.264	127	31616	8.918	ng	96
34) Hexachlorobutadiene	11.434	225	21978	10.085	ng	94
35) Caprolactam	12.016	113	8064	8.559	ng	95
36) 4-Chloro-3-methylphenol	12.369	107	23443	8.689	ng	99
37) 2-Methylnaphthalene	12.745	142	54375	8.684	ng	95
38) 1-Methylnaphthalene	12.962	142	54033	9.240	ng	94
40) 1,2,4,5-Tetrachloroben...	13.109	216	42574	10.058	ng	98
41) Hexachlorocyclopentadiene	13.080	237	13315	11.833	ng	94
43) 2,4,6-Trichlorophenol	13.344	196	24879	9.120	ng	96

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Manual Integrations
 APPROVED

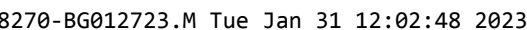
Reviewed By :Christian Giraldo 01/31/2023
 Supervised By :Jagrut Upadhyay 01/31/2023

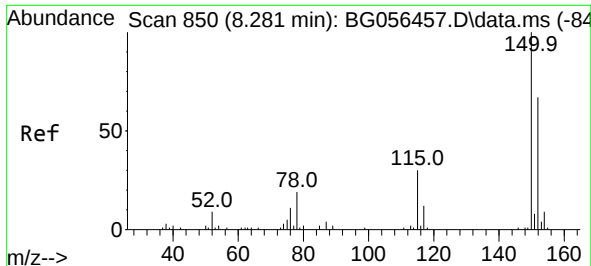
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.420	196	27660	8.661	ng	96
46) 1,1'-Biphenyl	13.732	154	82556	9.823	ng	99
47) 2-Chloronaphthalene	13.785	162	63960	9.737	ng	98
48) 2-Nitroaniline	13.979	65	12462	9.177	ng	96
49) Acenaphthylene	14.625	152	100128	9.369	ng	99
50) Dimethylphthalate	14.331	163	87895	9.377	ng	99
51) 2,6-Dinitrotoluene	14.460	165	18516	9.058	ng	97
52) Acenaphthene	14.960	154	60847	9.601	ng	98
53) 3-Nitroaniline	14.795	138	17683	8.923	ng	97
54) 2,4-Dinitrophenol	15.013	184	11484	8.961	ng	95
55) Dibenzofuran	15.295	168	108596	9.554	ng	97
56) 4-Nitrophenol	15.101	139	17937	13.246	ng	96
57) 2,4-Dinitrotoluene	15.248	165	27018	9.383	ng	99
58) Fluorene	15.941	166	86673	9.583	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.518	232	25364	8.932	ng	98
60) Diethylphthalate	15.682	149	82172	9.335	ng	99
61) 4-Chlorophenyl-phenyle...	15.917	204	51744	9.376	ng	98
62) 4-Nitroaniline	15.947	138	17403	8.776	ng	92
63) Azobenzene	16.211	77	57253	9.453	ng	96
65) 4,6-Dinitro-2-methylph...	16.017	198	22110	10.347	ng	97
66) n-Nitrosodiphenylamine	16.135	169	78603	9.134	ng	99
67) 4-Bromophenyl-phenylether	16.811	248	34809	8.946	ng	98
68) Hexachlorobenzene	16.940	284	37420	9.819	ng	99
69) Atrazine	17.063	200	34040	10.253	ng	95
70) Pentachlorophenol	17.286	266	24539m	10.642	ng	
71) Phenanthrene	17.680	178	146528	9.211	ng	97
72) Anthracene	17.768	178	151812	9.297	ng	99
73) Carbazole	18.033	167	129882	9.339	ng	97
74) Di-n-butylphthalate	18.561	149	128191	8.778	ng	99
75) Fluoranthene	19.672	202	189630	9.445	ng	98
77) Benzidine	19.836	184	98954	12.430	ng	98
78) Pyrene	20.030	202	191220	9.139	ng	98
80) Butylbenzylphthalate	20.888	149	57616	9.016	ng	99
81) Benzo(a)anthracene	21.905	228	191253	9.299	ng	98
82) 3,3'-Dichlorobenzidine	21.805	252	78839	10.644	ng	96
83) Chrysene	21.975	228	178987	9.263	ng	98
84) Bis(2-ethylhexyl)phtha...	21.764	149	81814	8.930	ng	98
85) Di-n-octyl phthalate	23.038	149	137656	9.022	ng	100
87) Indeno(1,2,3-cd)pyrene	29.272	276	212709	9.245	ng	# 93
88) Benzo(b)fluoranthene	24.249	252	197283	10.112	ng	99
89) Benzo(k)fluoranthene	24.319	252	195407m	9.921	ng	
90) Benzo(a)pyrene	25.183	252	174421	9.076	ng	96
91) Dibenzo(a,h)anthracene	29.337	278	186738	9.669	ng	95
92) Benzo(g,h,i)perylene	30.512	276	181234	9.726	ng	99

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

Manual Integrations APPROVED

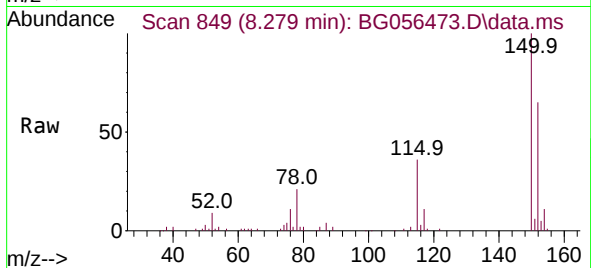
Quant Time: Jan 31 03:03:07 2023
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.279 min Scan# 84
Delta R.T. -0.002 min
Lab File: BG056473.D
Acq: 30 Jan 2023 17:08

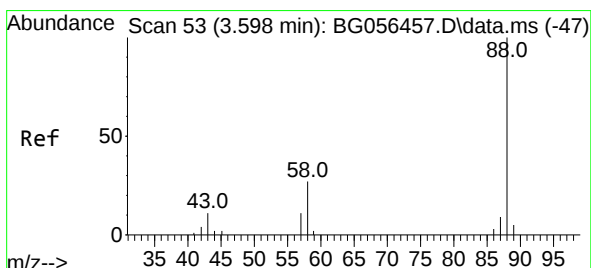
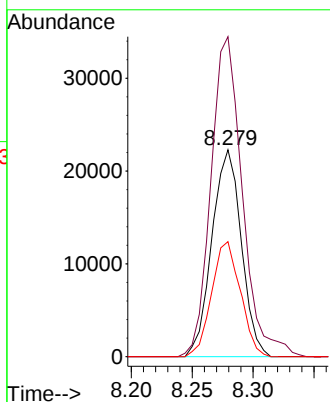
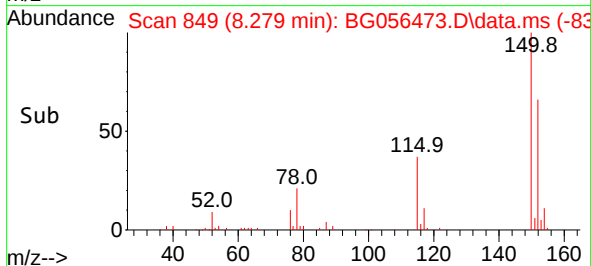
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:152 Resp: 37392
Ion Ratio Lower Upper
152 100
150 154.8 120.2 180.4
115 55.6 36.3 54.5

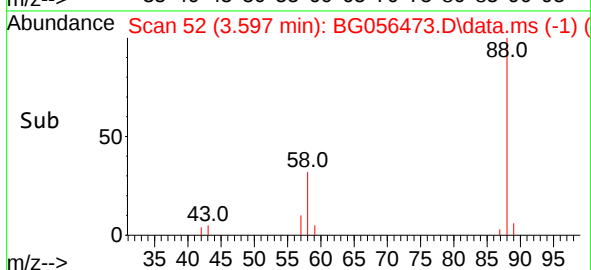
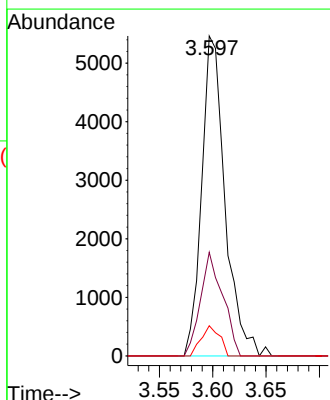
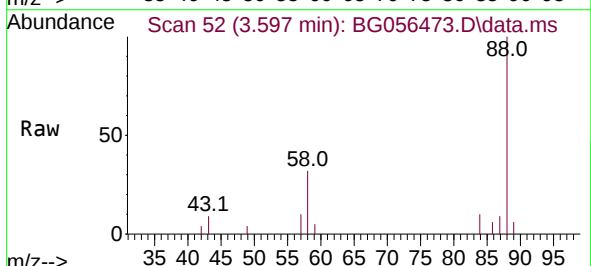
Manual Integrations
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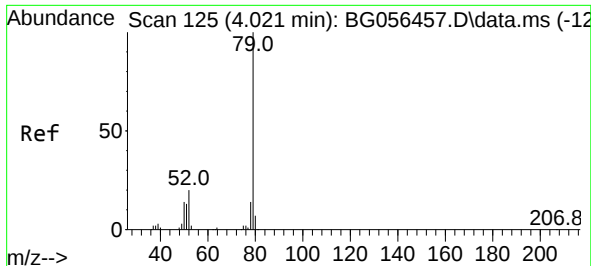
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#2
1,4-Dioxane
Concen: 9.831 ng
RT: 3.597 min Scan# 52
Delta R.T. -0.002 min
Lab File: BG056473.D
Acq: 30 Jan 2023 17:08

Tgt Ion: 88 Resp: 8321
Ion Ratio Lower Upper
88 100
58 30.8 23.0 34.4
43 7.4 8.0 12.0





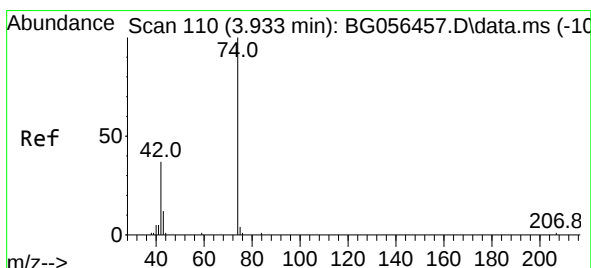
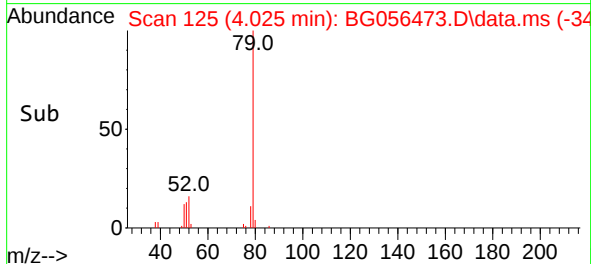
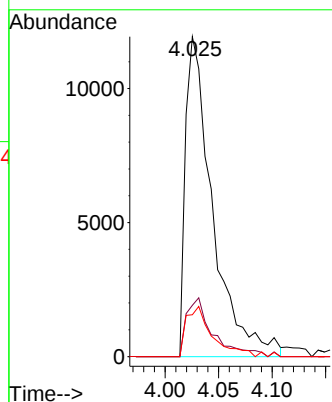
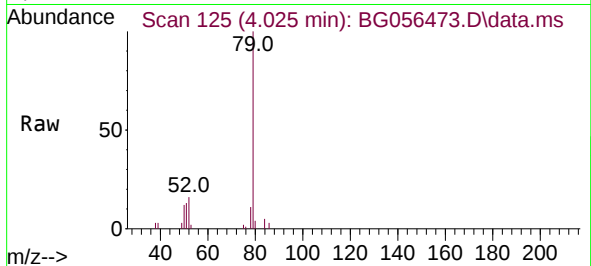
#3
Pyridine
Concen: 8.339 ng m
RT: 4.025 min Scan# 110
Delta R.T. 0.004 min
Lab File: BG056473.D
Acq: 30 Jan 2023 17:08

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2022

Tgt Ion: 79 Resp: 21040
Ion Ratio Lower Upper
79 100
52 16.0 16.1 24.1
51 13.1 10.7 16.1

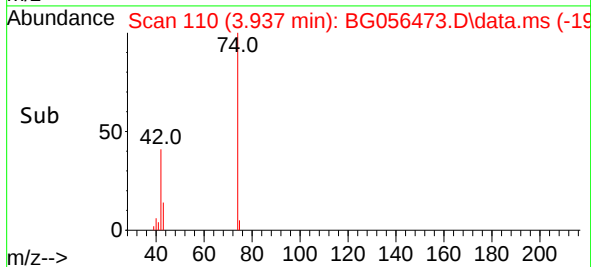
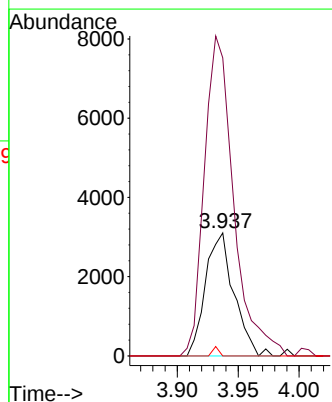
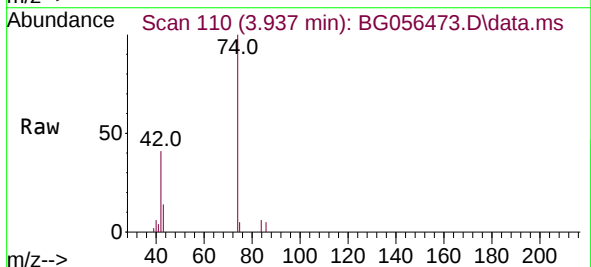
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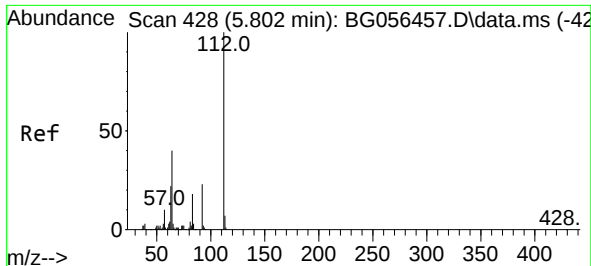
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#4
n-Nitrosodimethylamine
Concen: 9.410 ng
RT: 3.937 min Scan# 110
Delta R.T. 0.004 min
Lab File: BG056473.D
Acq: 30 Jan 2023 17:08

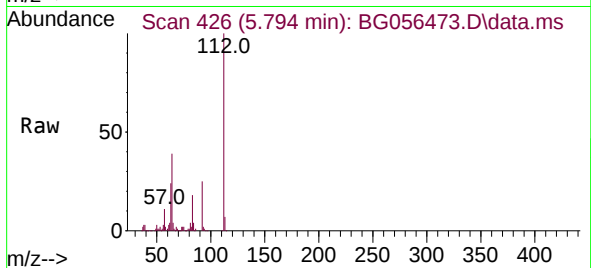
Tgt Ion: 42 Resp: 5049
Ion Ratio Lower Upper
42 100
74 242.3 217.9 326.9
44 0.0 3.0 4.6





#5
2-Fluorophenol
Concen: 107.196 ng
RT: 5.794 min Scan# 428
Delta R.T. -0.008 min
Lab File: BG056473.D
Acq: 30 Jan 2023 17:08

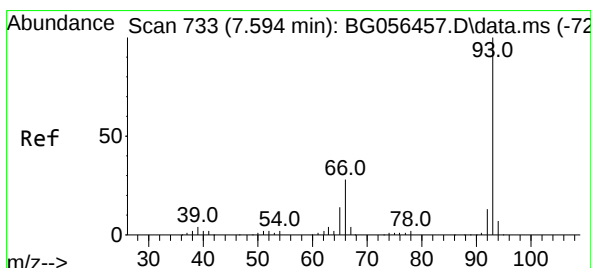
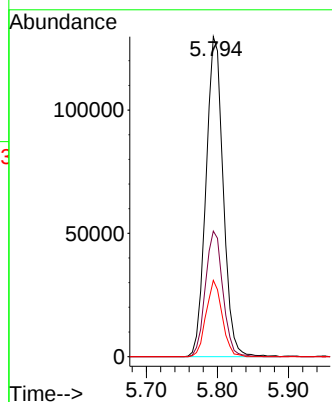
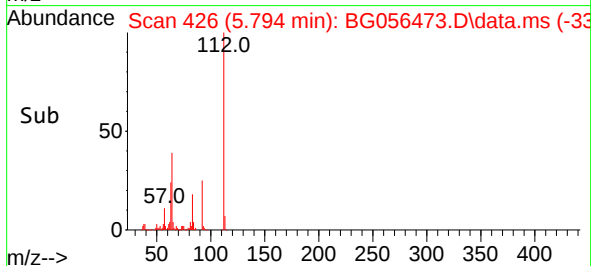
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion: 112 Resp: 21789
Ion Ratio Lower Upper
112 100
64 39.2 31.9 47.9
63 23.8 17.4 26.0

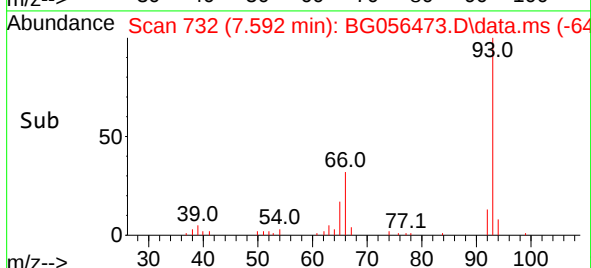
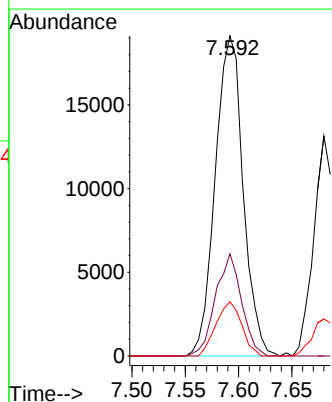
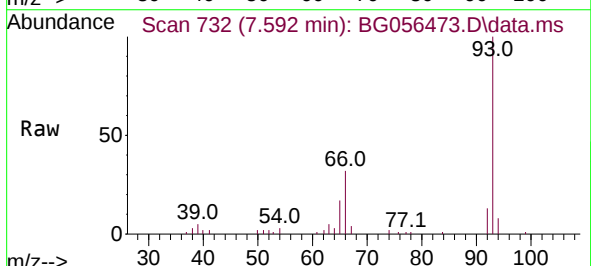
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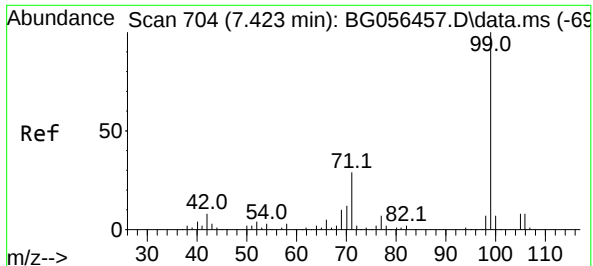
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#6
Aniline
Concen: 8.820 ng
RT: 7.592 min Scan# 732
Delta R.T. -0.002 min
Lab File: BG056473.D
Acq: 30 Jan 2023 17:08

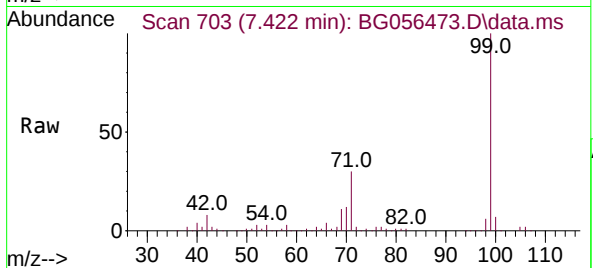
Tgt Ion: 93 Resp: 34778
Ion Ratio Lower Upper
93 100
66 31.9 22.2 33.2
65 16.9 11.3 16.9





#7
Phenol-d6
Concen: 102.861 ng
RT: 7.422 min Scan# 704
Delta R.T. -0.002 min
Lab File: BG056473.D
Acq: 30 Jan 2023 17:08

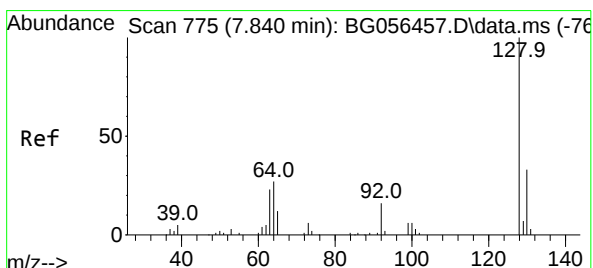
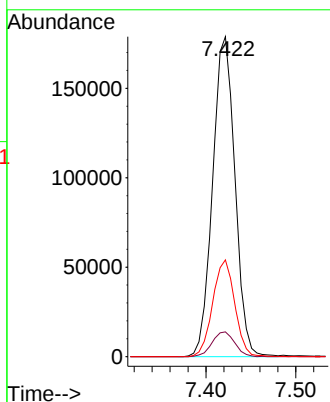
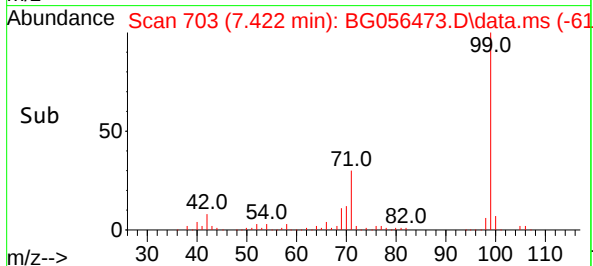
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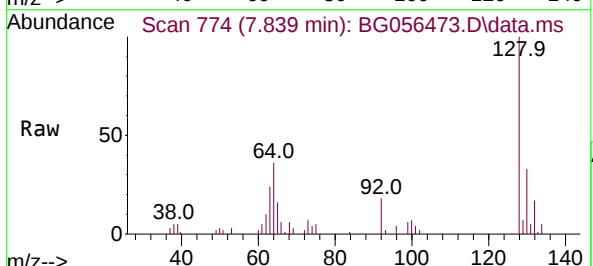
Tgt Ion: 99 Resp: 309786
Ion Ratio Lower Upper
99 100
42 7.7 6.6 10.0
71 30.2 23.4 35.0

Manual Integrations
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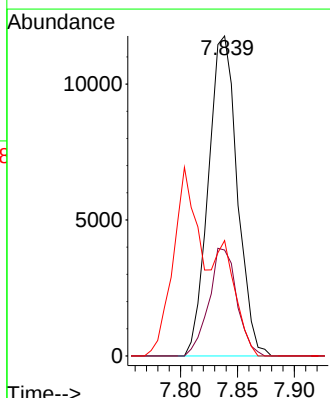
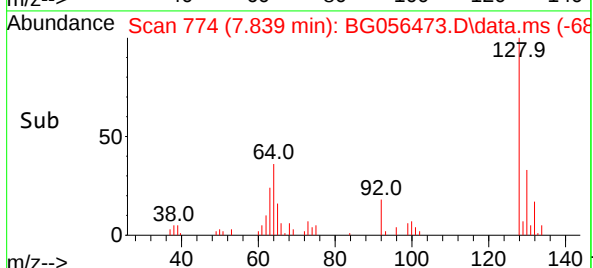
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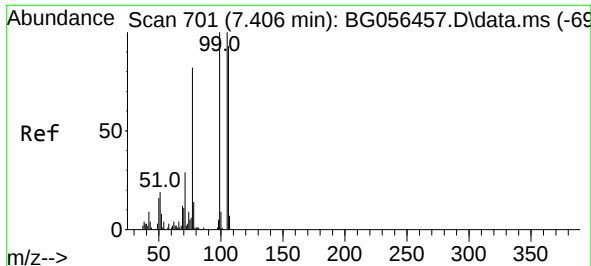


#8
2-Chlorophenol
Concen: 9.320 ng
RT: 7.839 min Scan# 774
Delta R.T. -0.002 min
Lab File: BG056473.D
Acq: 30 Jan 2023 17:08



Tgt Ion:128 Resp: 20812
Ion Ratio Lower Upper
128 100
130 33.1 12.8 52.8
64 36.0 11.3 51.3





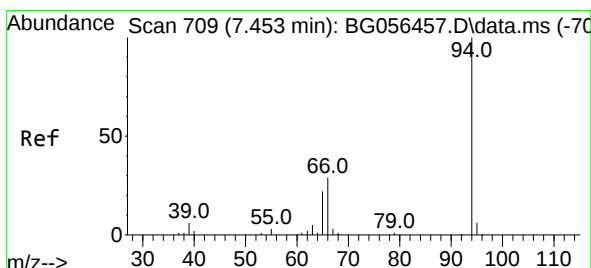
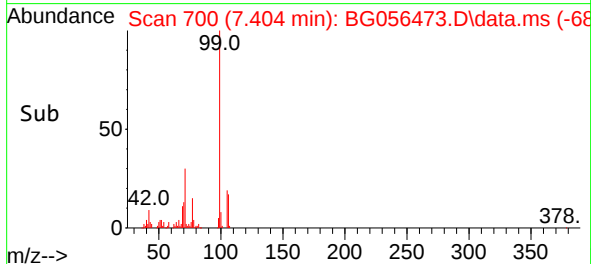
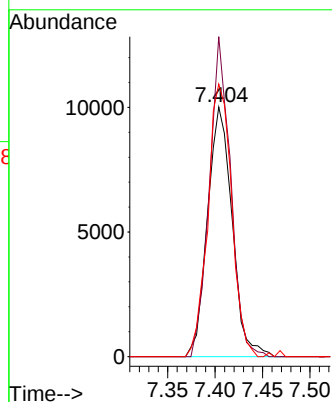
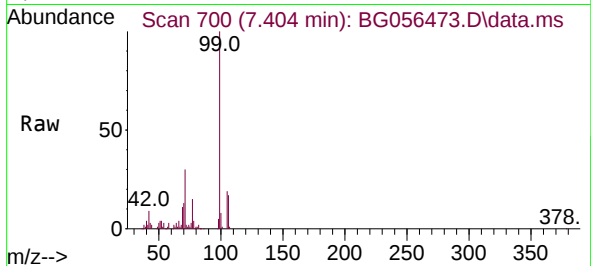
#9
Benzaldehyde
Concen: 10.422 ng
RT: 7.404 min Scan# 701
Delta R.T. -0.002 min
Lab File: BG056473.D
Acq: 30 Jan 2023 17:08

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2022

Tgt Ion: 77 Resp: 18094
Ion Ratio Lower Upper
77 100
105 128.2 101.8 141.8
106 109.2 93.0 133.0

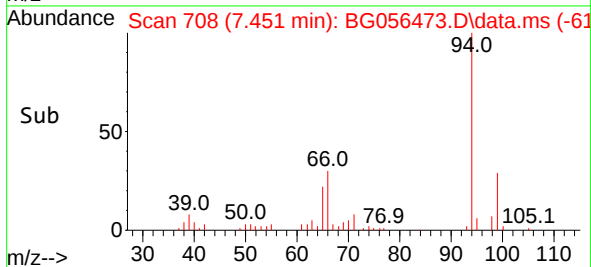
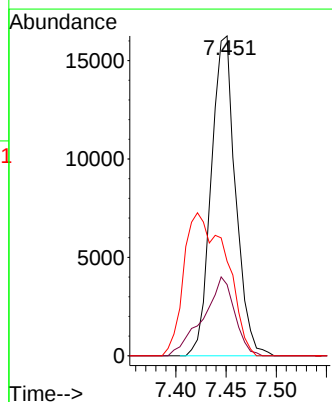
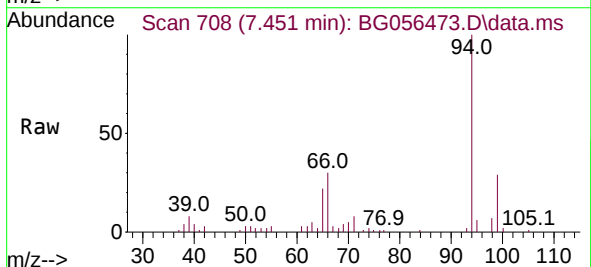
Manual Integrations
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Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#10
Phenol
Concen: 8.959 ng
RT: 7.451 min Scan# 708
Delta R.T. -0.002 min
Lab File: BG056473.D
Acq: 30 Jan 2023 17:08

Tgt Ion: 94 Resp: 27423
Ion Ratio Lower Upper
94 100
65 22.3 2.3 42.3
66 29.6 11.2 51.2





#11

bis(2-Chloroethyl)ether

Concen: 9.305 ng

RT: 7.680 min Scan# 74

Delta R.T. -0.002 min

Lab File: BG056473.D

Acq: 30 Jan 2023 17:08

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2022

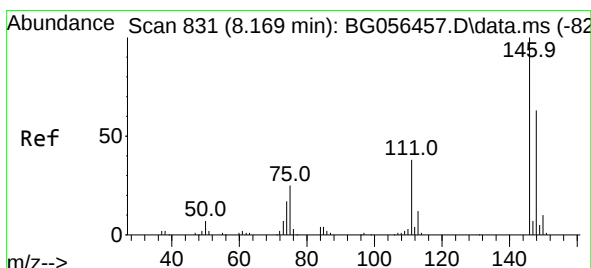
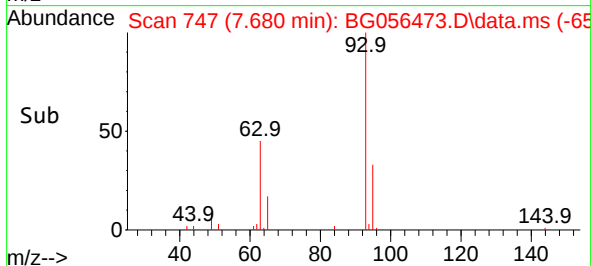
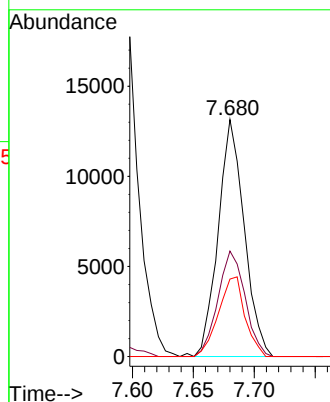
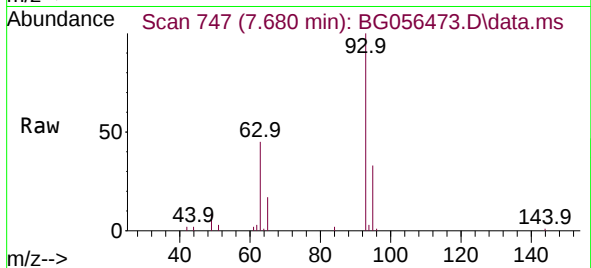
Tgt Ion: 93	Resp: 19578
Ion Ratio	Lower Upper
93	100
63	44.5 32.4 72.4
95	32.7 11.8 51.8

Manual Integrations

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Reviewed By :Christian Giraldo 01/31/2023

Supervised By :Jagrut Upadhyay 01/31/2023



#12

1,3-Dichlorobenzene

Concen: 10.108 ng

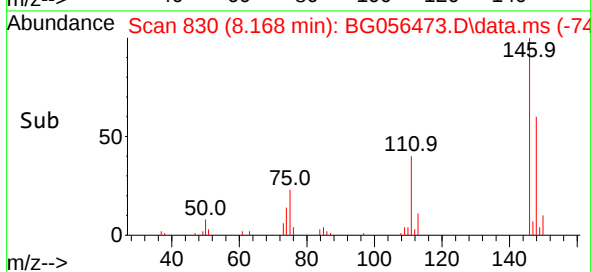
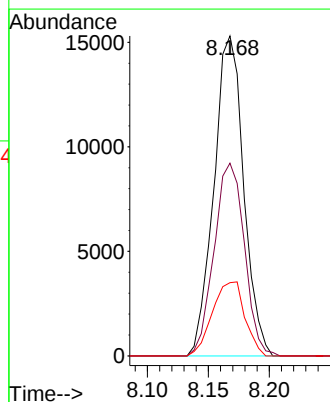
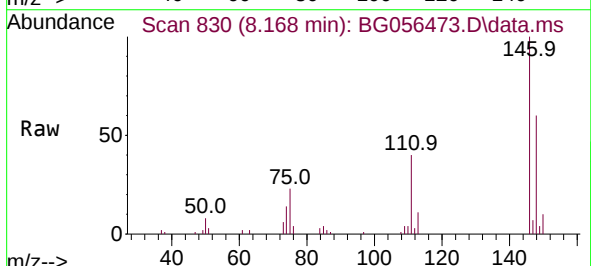
RT: 8.168 min Scan# 830

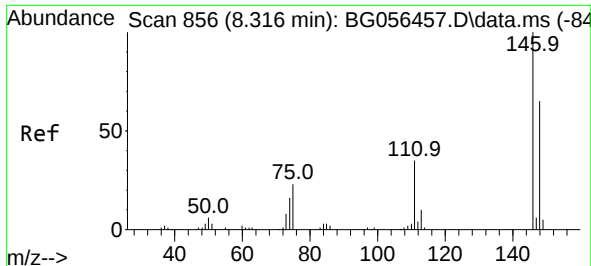
Delta R.T. -0.002 min

Lab File: BG056473.D

Acq: 30 Jan 2023 17:08

Tgt Ion:146	Resp: 25987
Ion Ratio	Lower Upper
146	100
148	60.2 50.6 75.8
75	22.9 19.6 29.4





#13

1,4-Dichlorobenzene

Concen: 10.101 ng

RT: 8.315 min Scan# 81

Delta R.T. -0.002 min

Lab File: BG056473.D

Acq: 30 Jan 2023 17:08

Instrument :

BNA_G

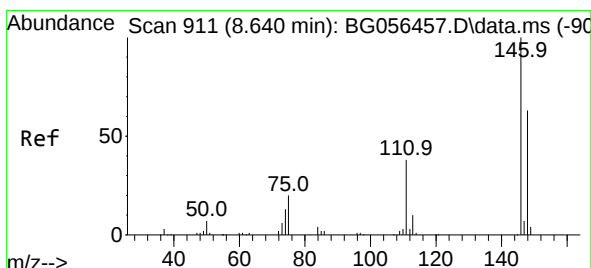
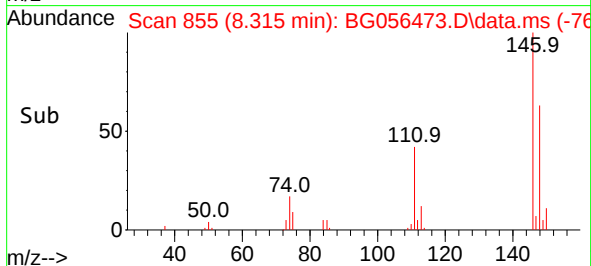
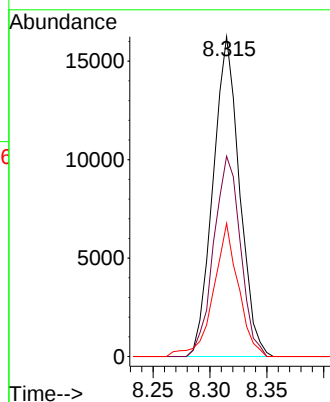
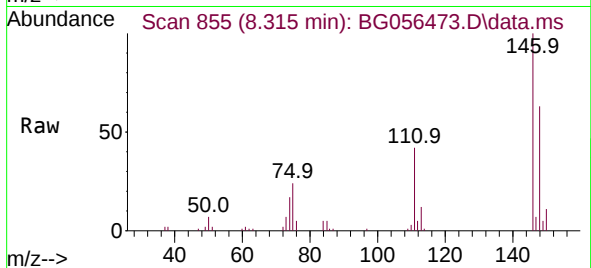
ClientSampleId :

LOQ-WATER-02-QT3-2022

Tgt Ion:146 Resp: 26299
 Ion Ratio Lower Upper
 146 100
 148 62.6 51.8 77.6
 111 41.6 28.6 42.8

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 01/31/2023
 Supervised By :Jagrut Upadhyay 01/31/2023



#14

1,2-Dichlorobenzene

Concen: 10.026 ng

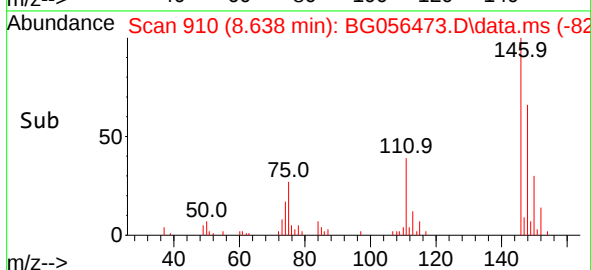
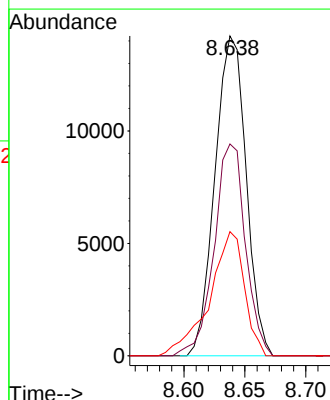
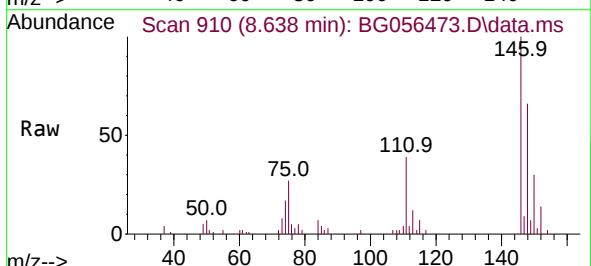
RT: 8.638 min Scan# 910

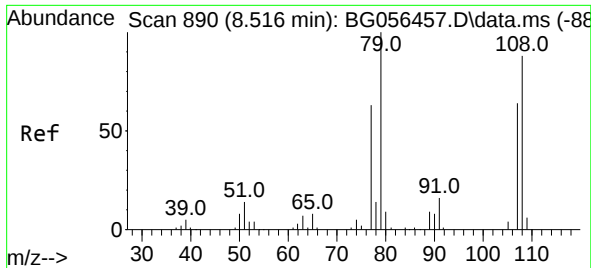
Delta R.T. -0.002 min

Lab File: BG056473.D

Acq: 30 Jan 2023 17:08

Tgt Ion:146 Resp: 25327
 Ion Ratio Lower Upper
 146 100
 148 66.2 50.1 75.1
 111 38.8 30.9 46.3





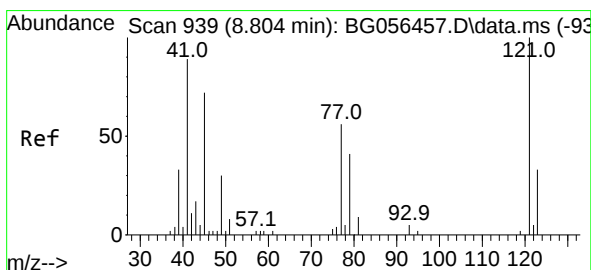
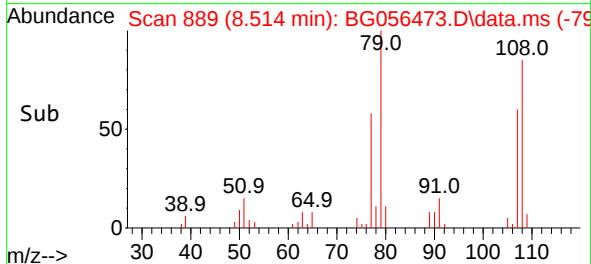
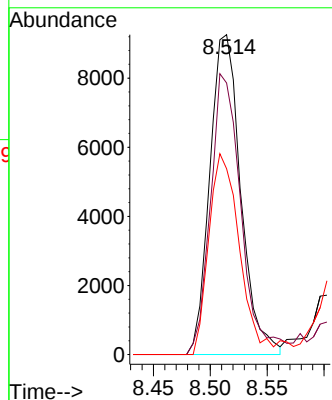
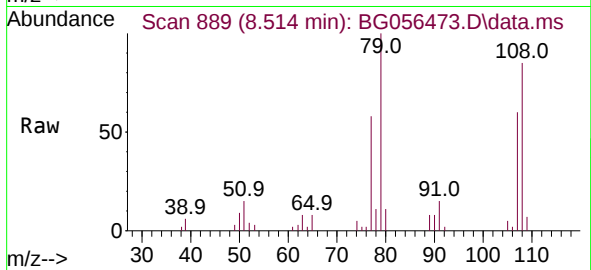
#15
Benzyl Alcohol
Concen: 8.476 ng
RT: 8.514 min Scan# 889
Delta R.T. -0.002 min
Lab File: BG056473.D
Acq: 30 Jan 2023 17:08

Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2022

Tgt Ion: 79 Resp: 17515
Ion Ratio Lower Upper
79 100
108 84.9 70.1 105.1
77 58.1 50.3 75.5

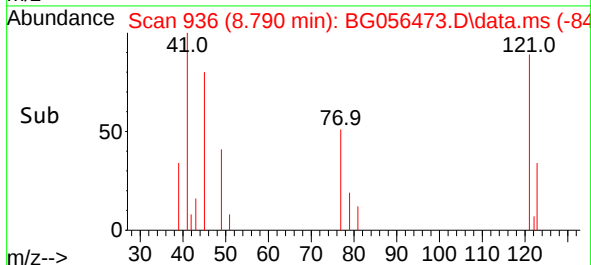
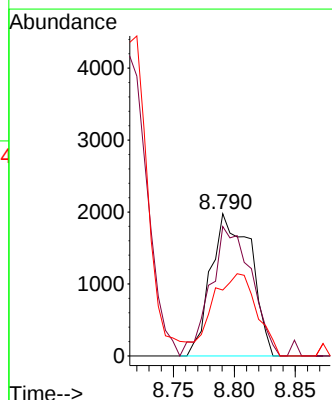
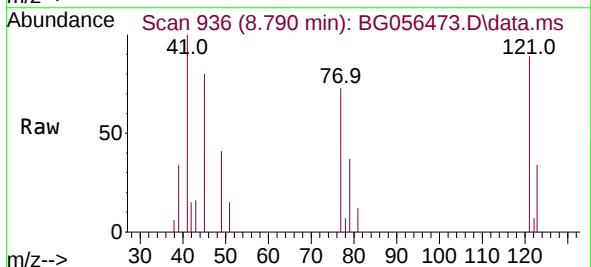
Manual Integrations
APPROVED

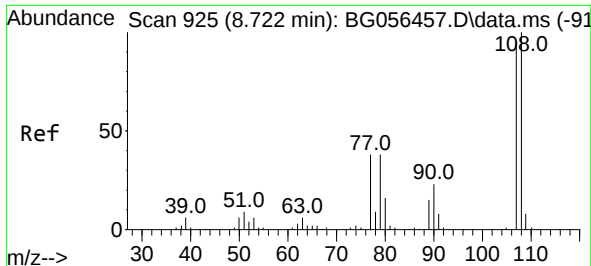
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.096 ng
RT: 8.790 min Scan# 936
Delta R.T. -0.014 min
Lab File: BG056473.D
Acq: 30 Jan 2023 17:08

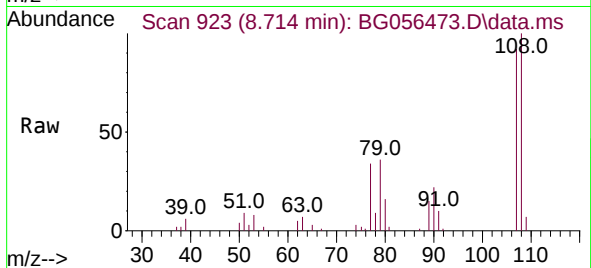
Tgt Ion: 45 Resp: 4501
Ion Ratio Lower Upper
45 100
77 91.0 62.1 102.1
79 46.3 42.7 82.7





#17
2-Methylphenol
Concen: 8.187 ng
RT: 8.714 min Scan# 91
Delta R.T. -0.008 min
Lab File: BG056473.D
Acq: 30 Jan 2023 17:08

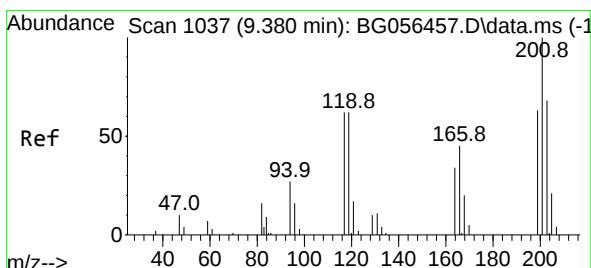
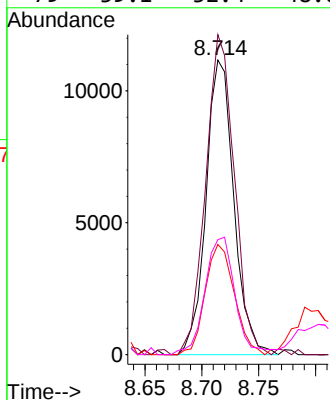
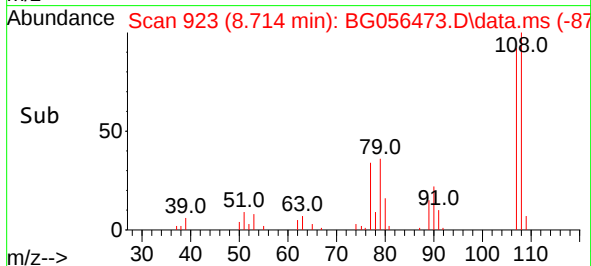
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2022



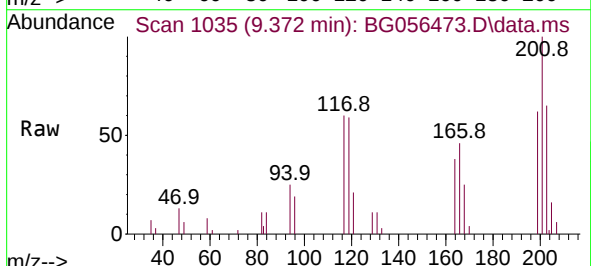
Tgt Ion	Ratio	Lower	Upper
107	100		
108	108.7	83.9	125.9
77	37.4	31.6	47.4
79	39.1	32.4	48.6

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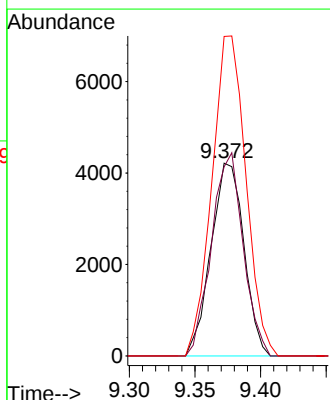
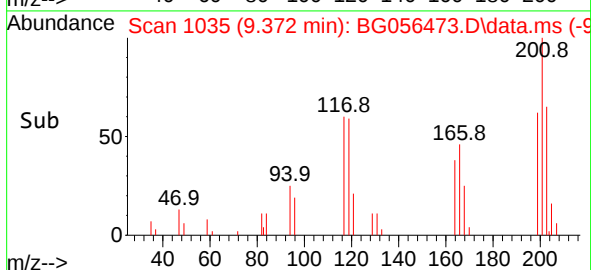
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023

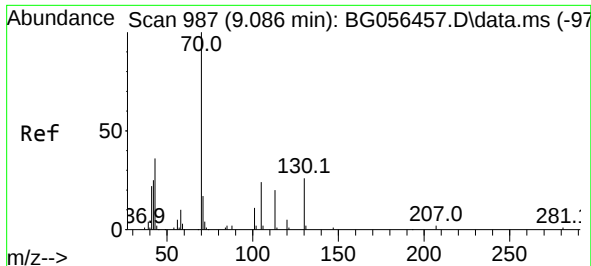


#18
Hexachloroethane
Concen: 9.354 ng
RT: 9.372 min Scan# 1035
Delta R.T. -0.008 min
Lab File: BG056473.D
Acq: 30 Jan 2023 17:08



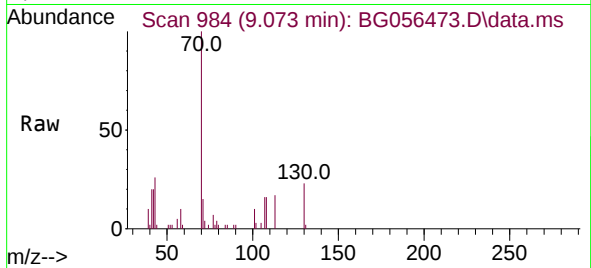
Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.1	79.4	119.0
201	165.8	128.5	192.7





#19
n-Nitroso-di-n-propylamine
Concen: 8.913 ng
RT: 9.073 min Scan# 984
Delta R.T. -0.014 min
Lab File: BG056473.D
Acq: 30 Jan 2023 17:08

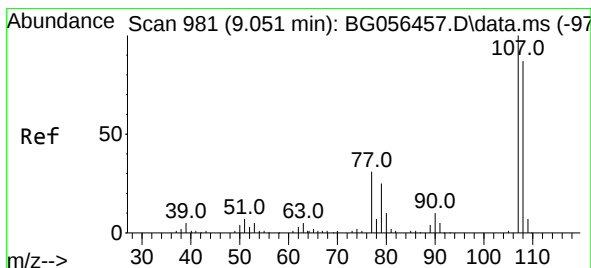
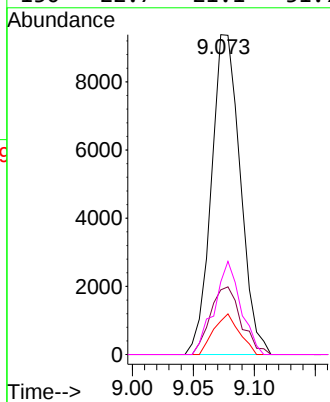
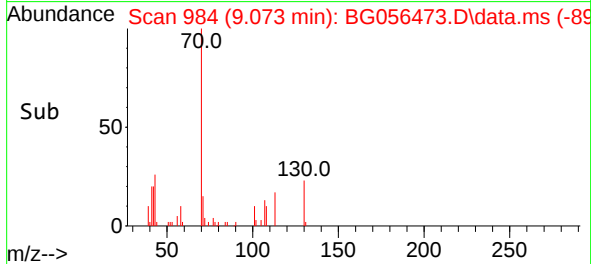
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2022



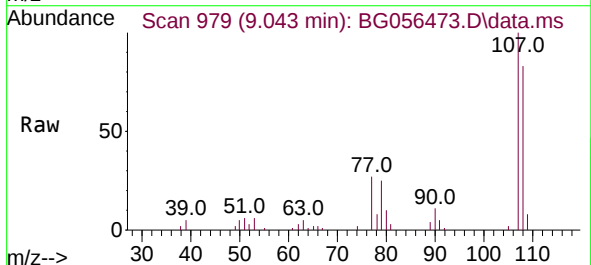
Tgt Ion: 70 Resp: 15470
Ion Ratio Lower Upper
70 100
42 20.2 20.2 30.4
101 10.5 9.1 13.7
130 22.7 21.1 31.7

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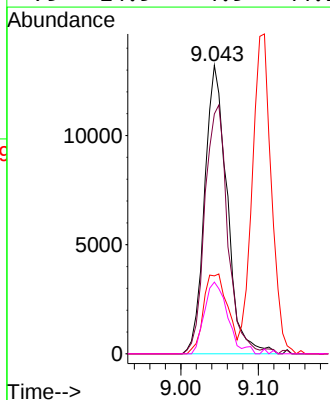
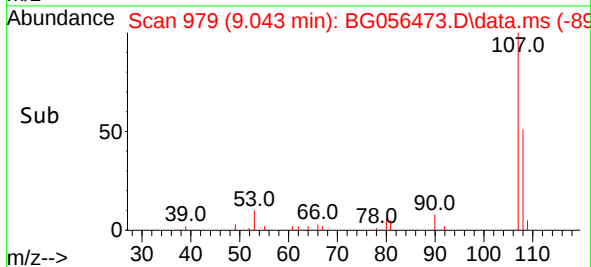
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023

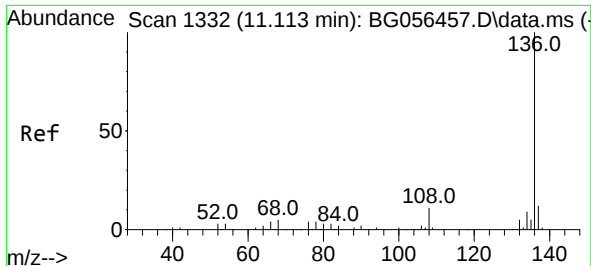


#20
3+4-Methylphenols
Concen: 8.163 ng
RT: 9.043 min Scan# 979
Delta R.T. -0.008 min
Lab File: BG056473.D
Acq: 30 Jan 2023 17:08



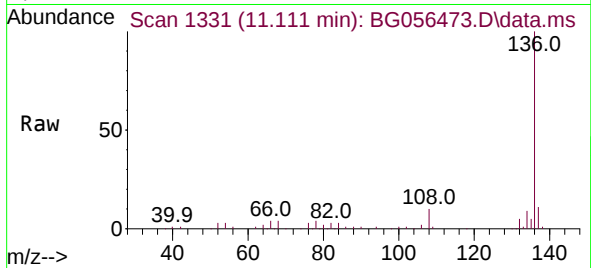
Tgt Ion:107 Resp: 26641
Ion Ratio Lower Upper
107 100
108 83.1 66.7 106.7
77 27.0 10.6 50.6
79 24.9 4.9 44.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.111 min Scan# 1331
Delta R.T. -0.002 min
Lab File: BG056473.D
Acq: 30 Jan 2023 17:08

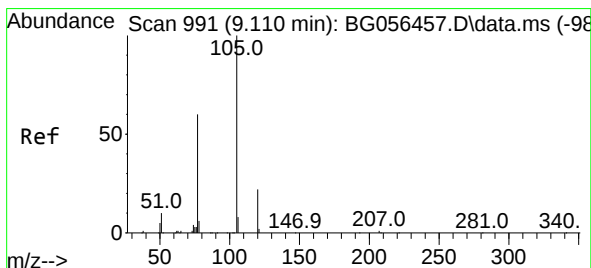
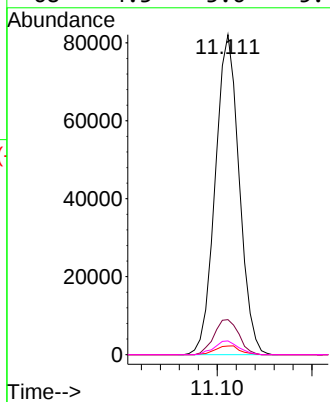
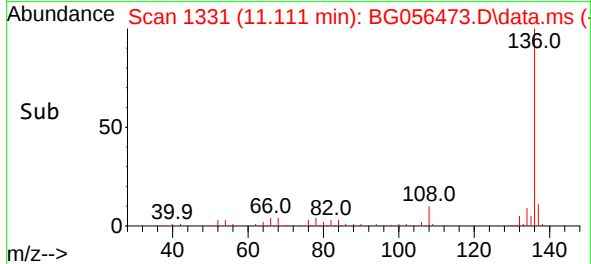
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:136 Resp: 143895
Ion Ratio Lower Upper
136 100
137 10.9 9.4 14.0
54 2.7 2.2 3.4
68 4.3 3.6 5.4

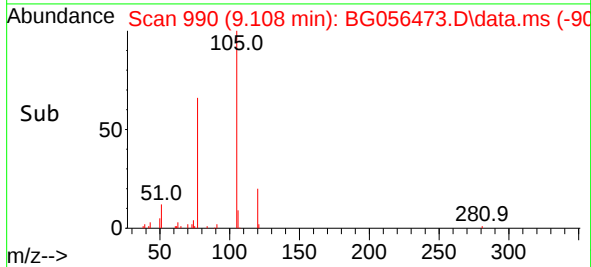
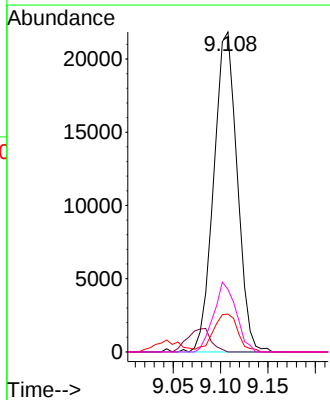
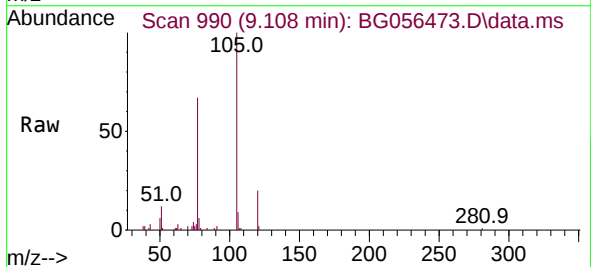
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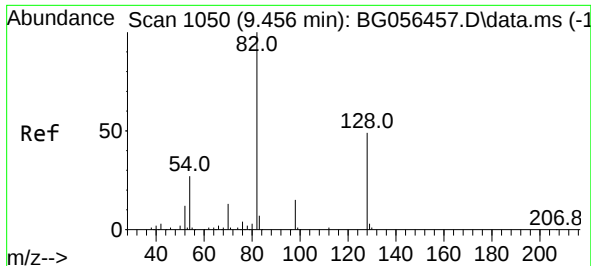
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#22
Acetophenone
Concen: 9.830 ng
RT: 9.108 min Scan# 990
Delta R.T. -0.002 min
Lab File: BG056473.D
Acq: 30 Jan 2023 17:08

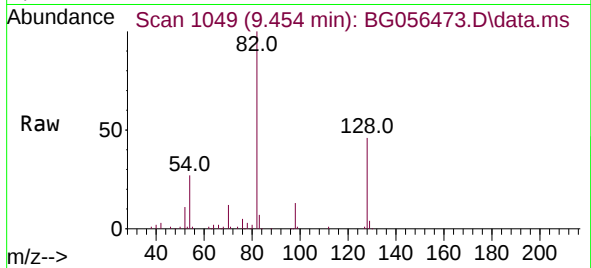
Tgt Ion:105 Resp: 37582
Ion Ratio Lower Upper
105 100
71 0.0 0.6 0.8
51 11.8 9.2 13.8
120 19.5 17.4 26.0





#23
Nitrobenzene-d5
Concen: 73.027 ng
RT: 9.454 min Scan# 1049
Delta R.T. -0.002 min
Lab File: BG056473.D
Acq: 30 Jan 2023 17:08

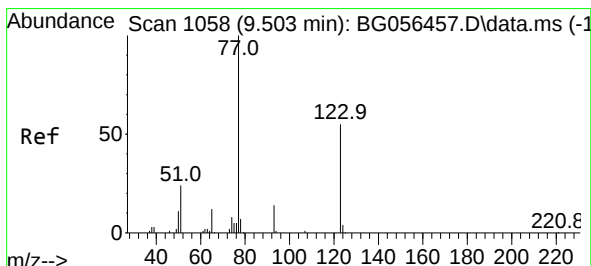
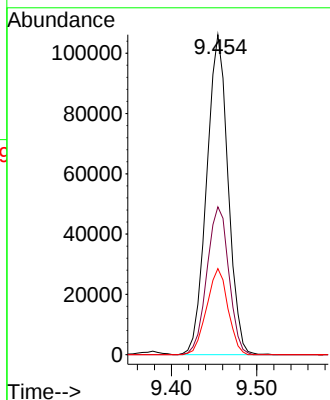
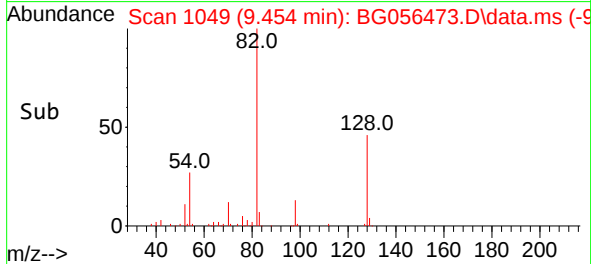
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion: 82 Resp: 185052
Ion Ratio Lower Upper
82 100
128 46.2 39.4 59.2
54 26.9 21.4 32.2

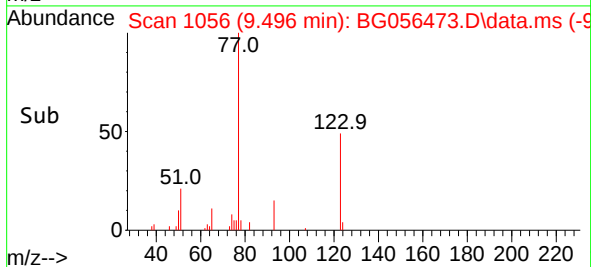
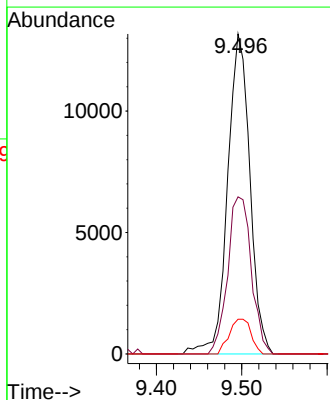
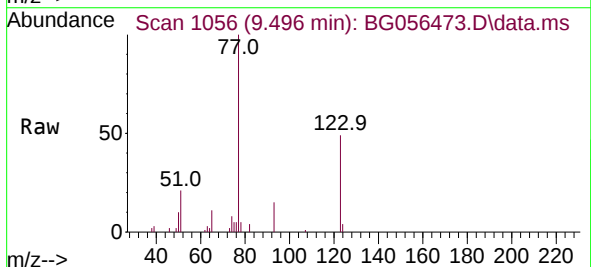
Manual Integrations
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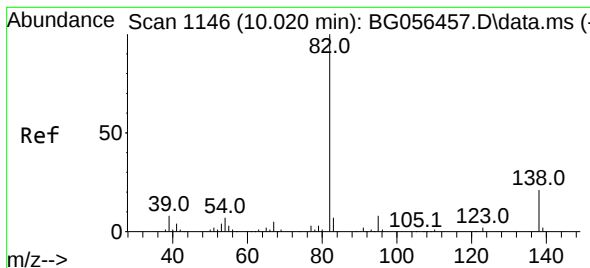
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#24
Nitrobenzene
Concen: 9.757 ng
RT: 9.496 min Scan# 1056
Delta R.T. -0.008 min
Lab File: BG056473.D
Acq: 30 Jan 2023 17:08

Tgt Ion: 77 Resp: 23848
Ion Ratio Lower Upper
77 100
123 49.1 44.0 66.0
65 10.9 9.7 14.5





#25

Isophorone

Concen: 8.974 ng

RT: 10.013 min Scan# 1144

Delta R.T. -0.008 min

Lab File: BG056473.D

Acq: 30 Jan 2023 17:08

Instrument :

BNA_G

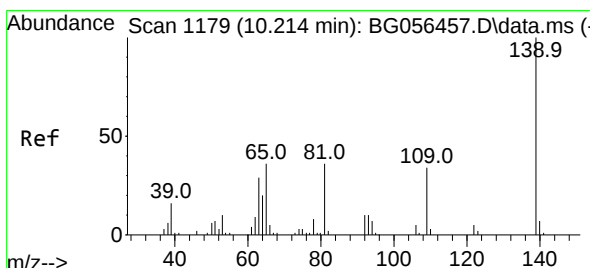
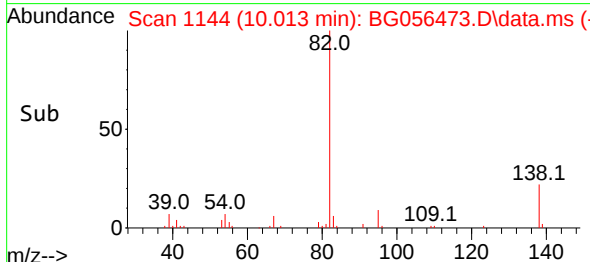
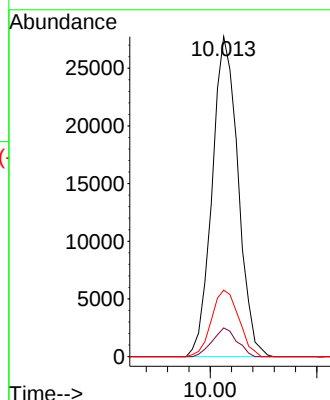
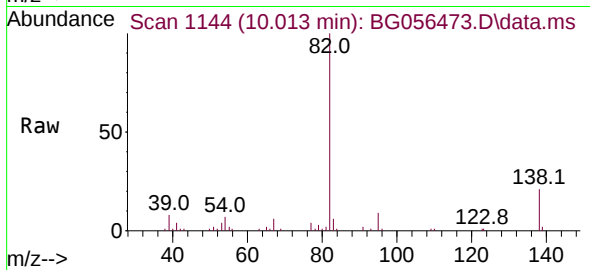
ClientSampleId :

LOQ-WATER-02-QT3-2022

Tgt Ion: 82 Resp: 46912
 Ion Ratio Lower Upper
 82 100
 95 9.0 6.3 9.5
 138 20.8 16.6 25.0

Manual Integrations
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Reviewed By :Christian Giraldo 01/31/2023
 Supervised By :Jagrut Upadhyay 01/31/2023



#26

2-Nitrophenol

Concen: 9.061 ng

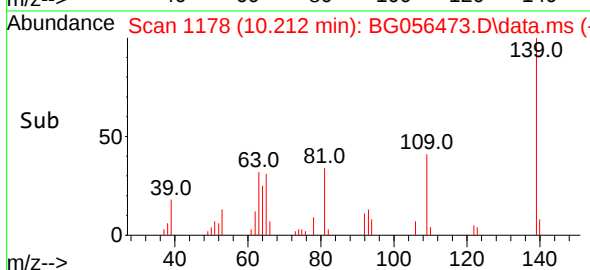
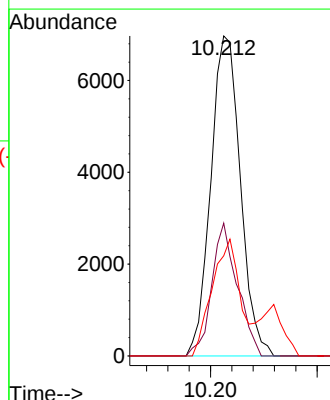
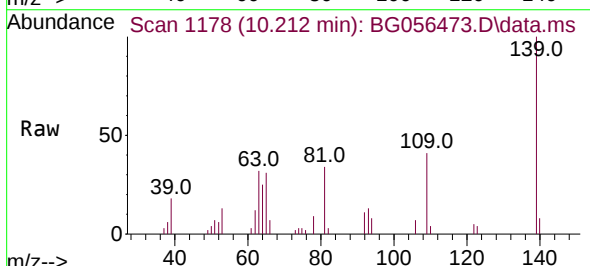
RT: 10.212 min Scan# 1178

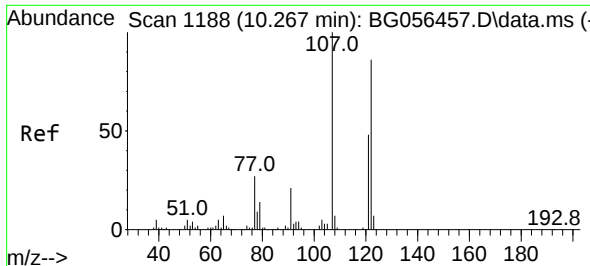
Delta R.T. -0.002 min

Lab File: BG056473.D

Acq: 30 Jan 2023 17:08

Tgt Ion:139 Resp: 13437
 Ion Ratio Lower Upper
 139 100
 109 41.5 26.9 40.3#
 65 31.3 29.0 43.4





#27

2,4-Dimethylphenol

Concen: 8.059 ng

RT: 10.253 min Scan# 1185

Delta R.T. -0.014 min

Lab File: BG056473.D

Acq: 30 Jan 2023 17:08

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2022

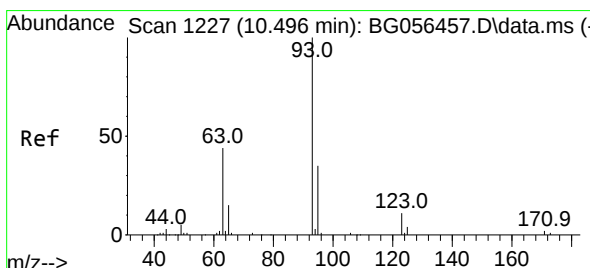
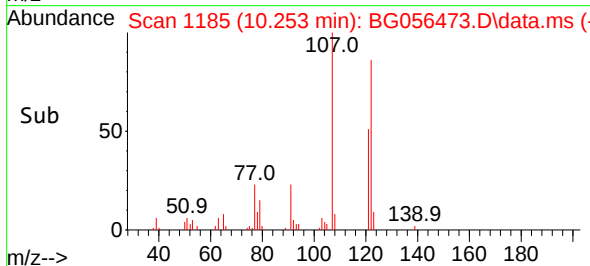
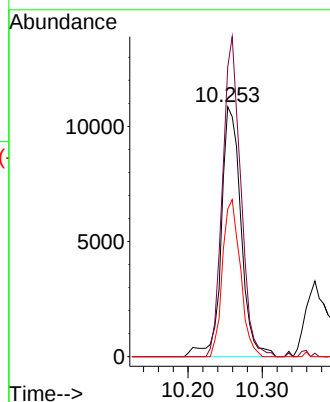
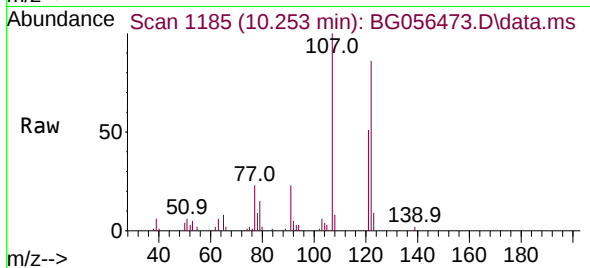
Tgt Ion:	122	Resp:	2000
Ion Ratio	Lower	Upper	
122	100		
107	115.9	92.9	139.3
121	59.0	45.0	67.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/31/2023

Supervised By :Jagrut Upadhyay 01/31/2023



#28

bis(2-Chloroethoxy)methane

Concen: 9.214 ng

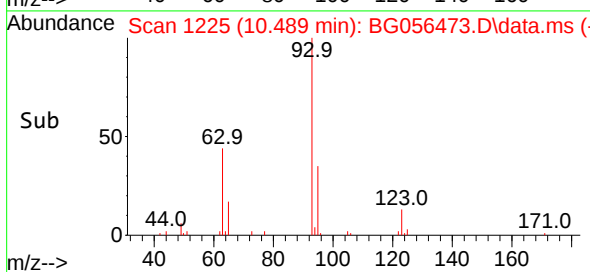
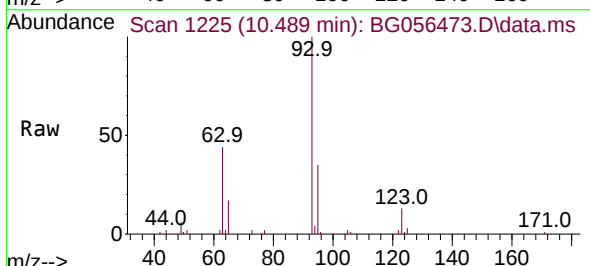
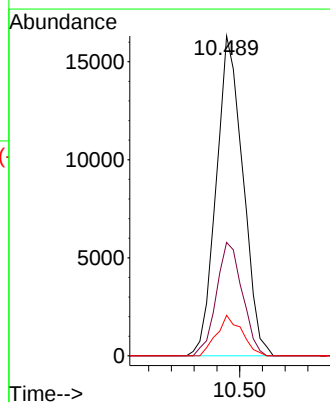
RT: 10.489 min Scan# 1225

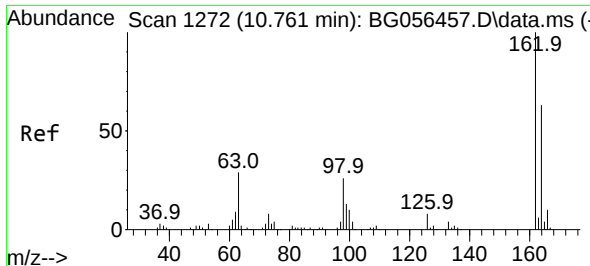
Delta R.T. -0.008 min

Lab File: BG056473.D

Acq: 30 Jan 2023 17:08

Tgt Ion:	93	Resp:	26609
Ion Ratio	Lower	Upper	
93	100		
95	35.5	27.9	41.9
123	12.7	8.6	12.8





#29

2,4-Dichlorophenol

Concen: 9.572 ng

RT: 10.759 min Scan# 1271

Delta R.T. -0.002 min

Lab File: BG056473.D

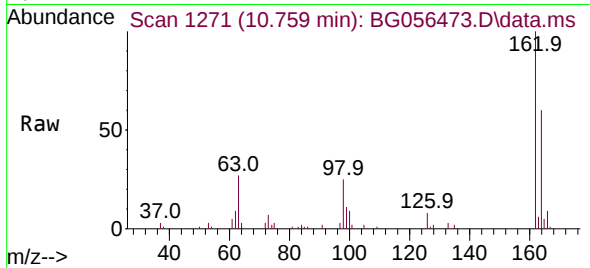
Acq: 30 Jan 2023 17:08

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2022



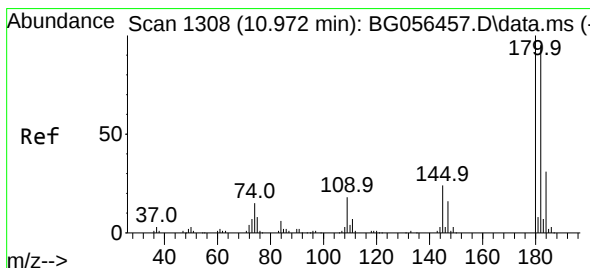
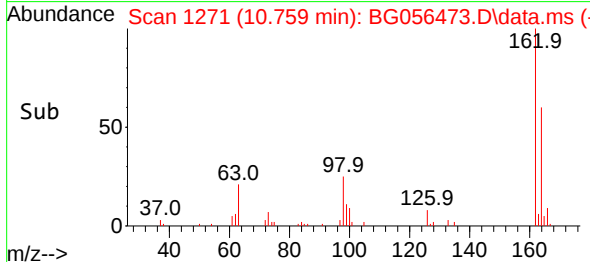
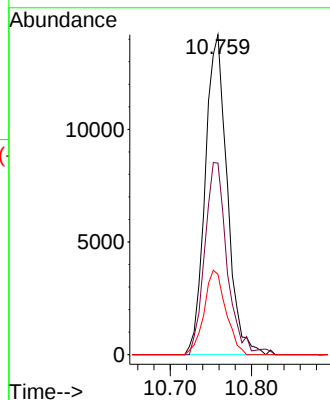
Tgt Ion:	162	Resp:	2674
Ion Ratio	Lower	Upper	
162	100		
164	59.8	42.8	82.8
98	25.1	6.5	46.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/31/2023

Supervised By :Jagrut Upadhyay 01/31/2023



#30

1,2,4-Trichlorobenzene

Concen: 9.736 ng

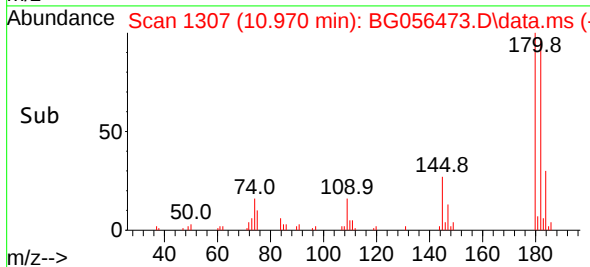
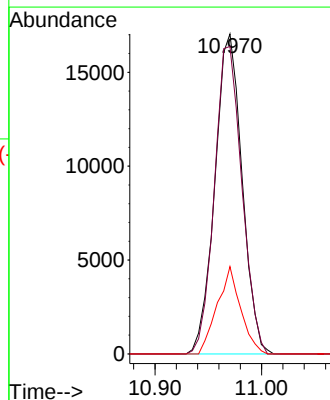
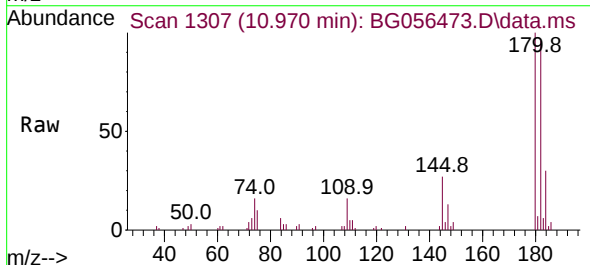
RT: 10.970 min Scan# 1307

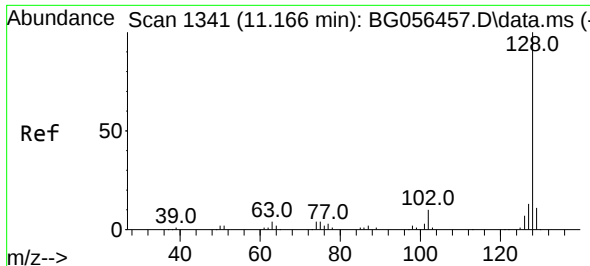
Delta R.T. -0.002 min

Lab File: BG056473.D

Acq: 30 Jan 2023 17:08

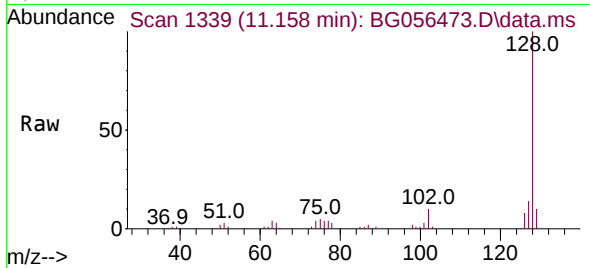
Tgt Ion:	180	Resp:	30227
Ion Ratio	Lower	Upper	
180	100		
182	96.1	75.9	113.9
145	27.3	19.4	29.0





#31
Naphthalene
Concen: 9.437 ng
RT: 11.158 min Scan# 1341
Delta R.T. -0.008 min
Lab File: BG056473.D
Acq: 30 Jan 2023 17:08

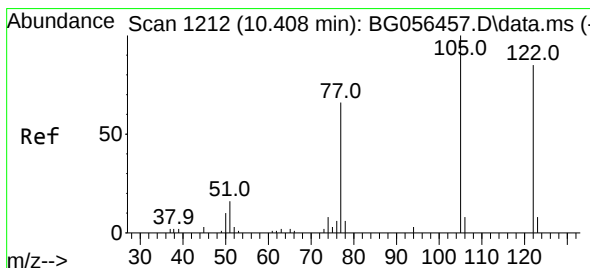
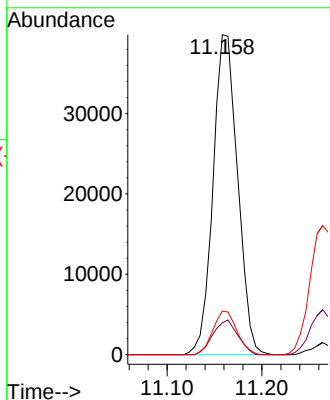
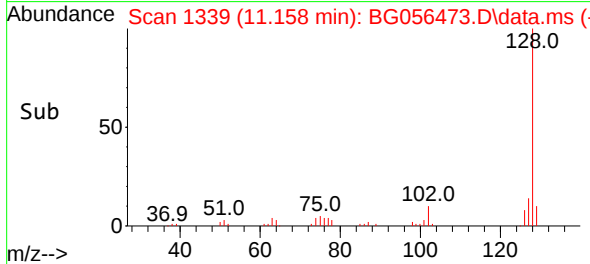
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2022



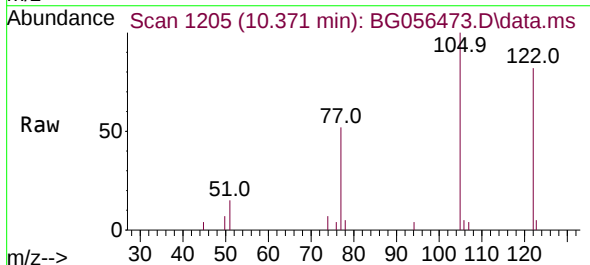
Tgt Ion:128 Resp: 71670
Ion Ratio Lower Upper
128 100
129 9.9 8.7 13.1
127 13.6 10.4 15.6

Manual Integrations
APPROVED

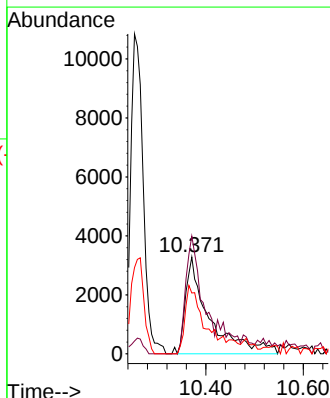
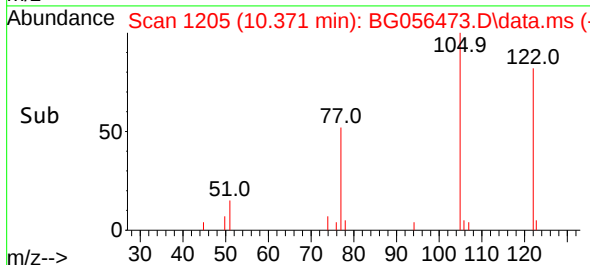
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023

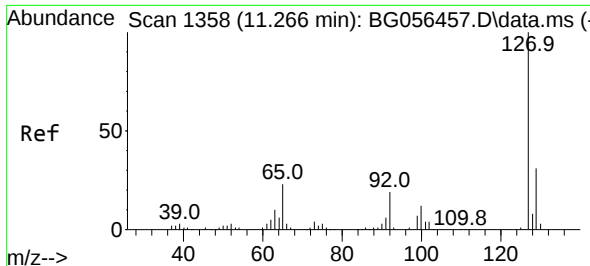


#32
Benzoic acid
Concen: 7.988 ng m
RT: 10.371 min Scan# 1205
Delta R.T. -0.037 min
Lab File: BG056473.D
Acq: 30 Jan 2023 17:08



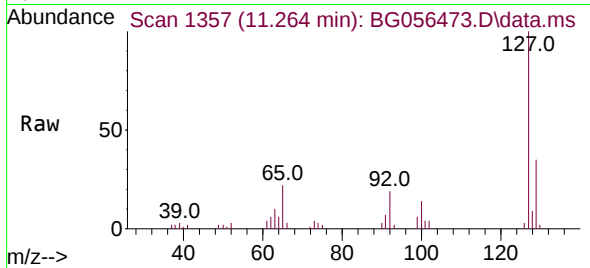
Tgt Ion:122 Resp: 11092
Ion Ratio Lower Upper
122 100
105 121.6 96.5 136.5
77 62.8 57.3 97.3





#33
4-Chloroaniline
Concen: 8.918 ng
RT: 11.264 min Scan# 1357
Delta R.T. -0.002 min
Lab File: BG056473.D
Acq: 30 Jan 2023 17:08

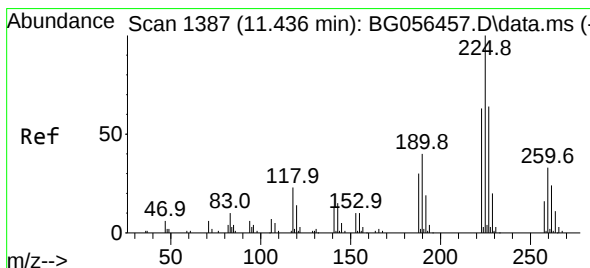
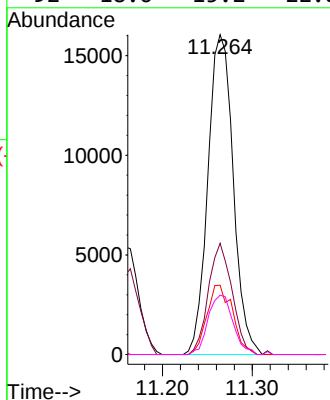
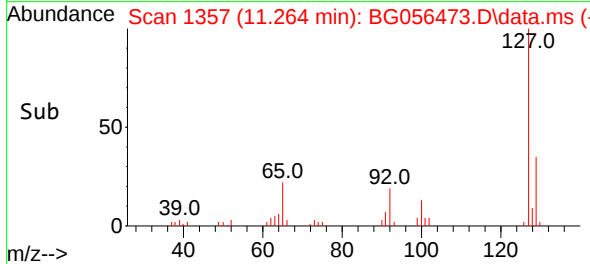
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2022



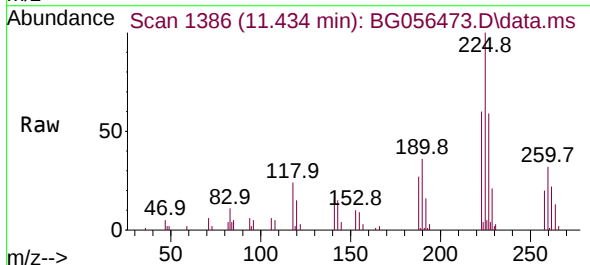
Tgt Ion:127 Resp: 31616
Ion Ratio Lower Upper
127 100
129 34.8 25.0 37.6
65 21.7 18.5 27.7
92 18.6 15.2 22.8

Manual Integrations
APPROVED

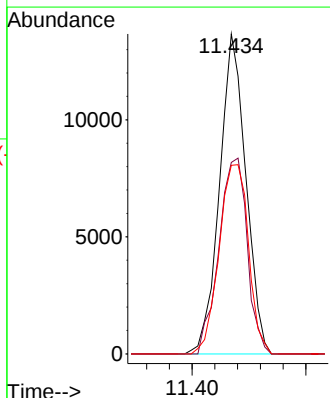
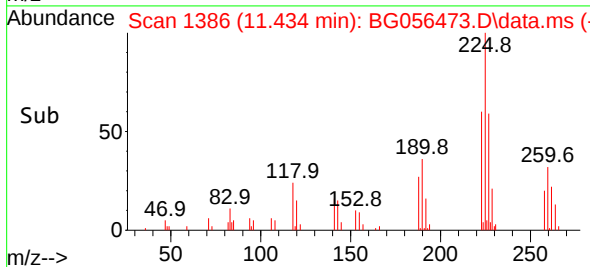
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023

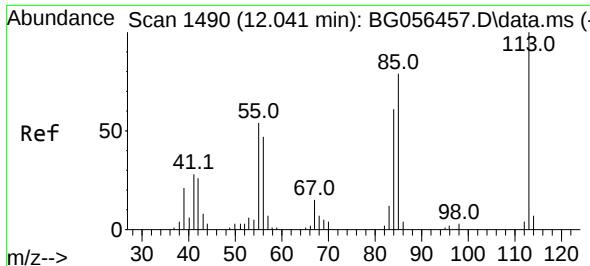


#34
Hexachlorobutadiene
Concen: 10.085 ng
RT: 11.434 min Scan# 1386
Delta R.T. -0.002 min
Lab File: BG056473.D
Acq: 30 Jan 2023 17:08



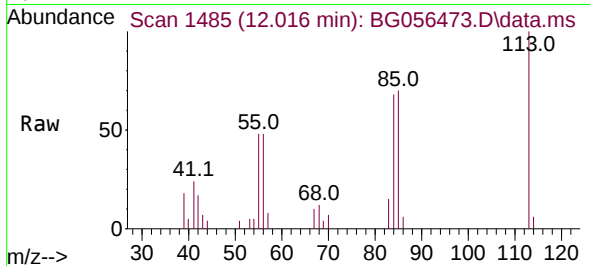
Tgt Ion:225 Resp: 21978
Ion Ratio Lower Upper
225 100
223 60.8 50.6 75.8
227 59.8 53.7 80.5





#35
Caprolactam
Concen: 8.559 ng
RT: 12.016 min Scan# 1490
Delta R.T. -0.025 min
Lab File: BG056473.D
Acq: 30 Jan 2023 17:08

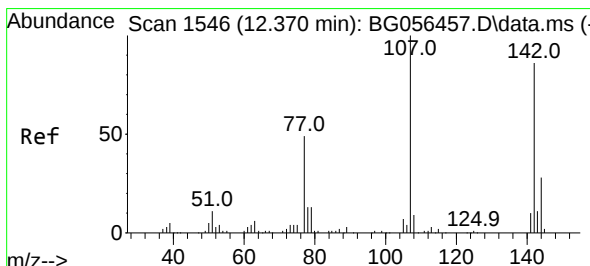
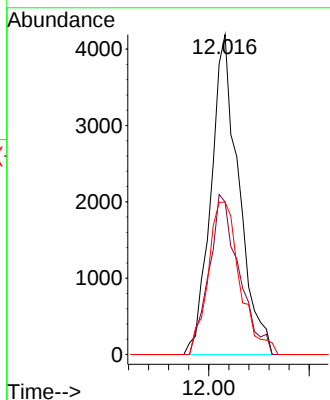
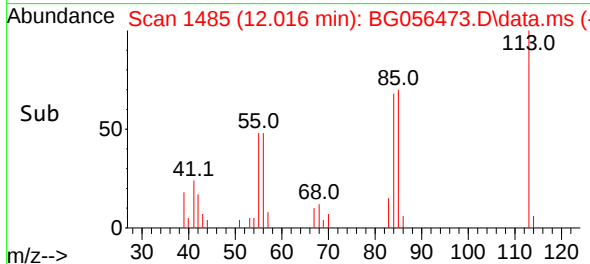
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2022



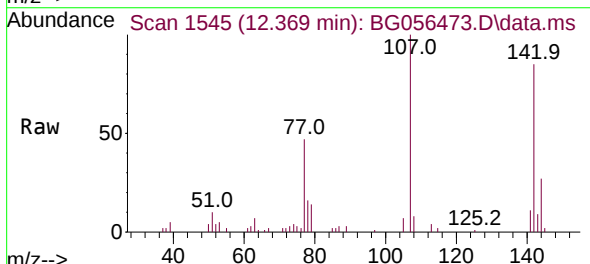
Tgt Ion:113 Resp: 8064
Ion Ratio Lower Upper
113 100
55 47.7 33.7 73.7
56 47.7 27.1 67.1

Manual Integrations
APPROVED

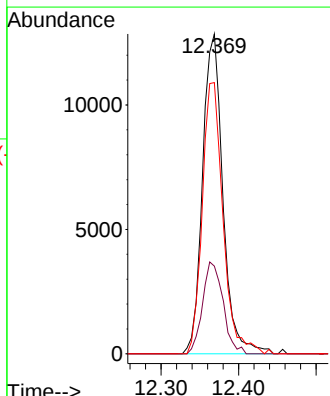
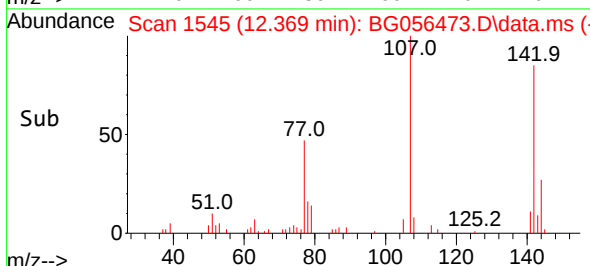
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023

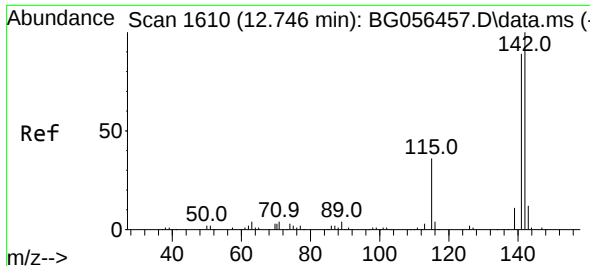


#36
4-Chloro-3-methylphenol
Concen: 8.689 ng
RT: 12.369 min Scan# 1545
Delta R.T. -0.002 min
Lab File: BG056473.D
Acq: 30 Jan 2023 17:08



Tgt Ion:107 Resp: 23443
Ion Ratio Lower Upper
107 100
144 27.4 22.3 33.5
142 84.8 68.9 103.3





#37

2-Methylnaphthalene

Concen: 8.684 ng

RT: 12.745 min Scan# 1609

Delta R.T. -0.002 min

Lab File: BG056473.D

Acq: 30 Jan 2023 17:08

Instrument :

BNA_G

ClientSampleId :

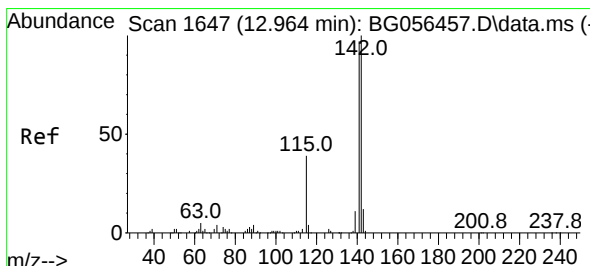
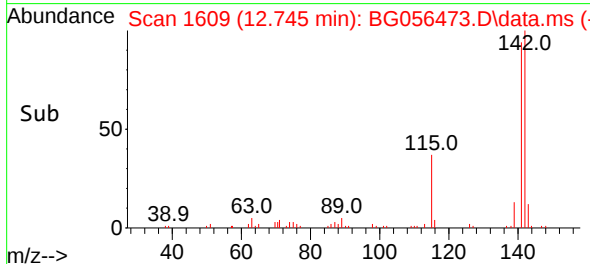
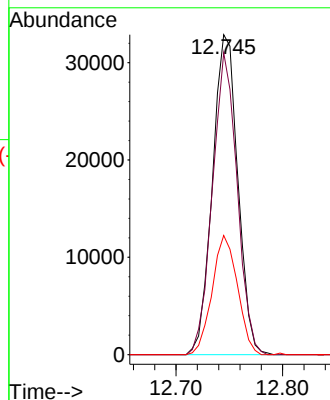
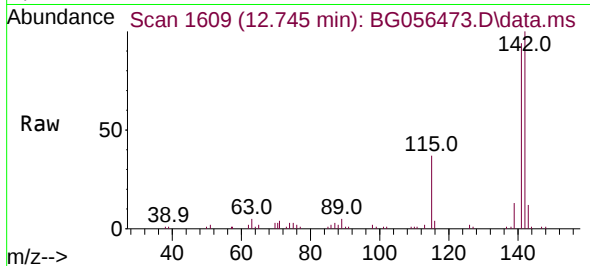
LOQ-WATER-02-QT3-2022

Tgt Ion:142	Resp:	54375
Ion Ratio	Lower	Upper
142	100	
141	94.3	71.4 107.0
115	37.2	28.4 42.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#38

1-Methylnaphthalene

Concen: 9.240 ng

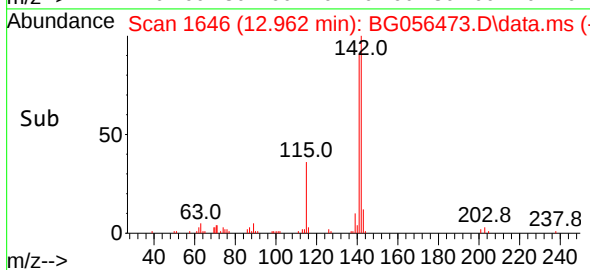
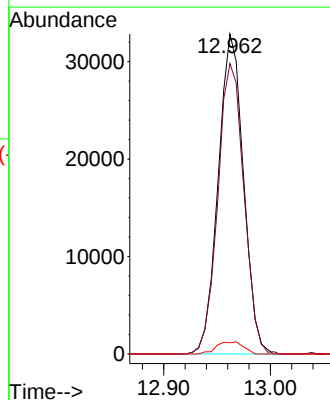
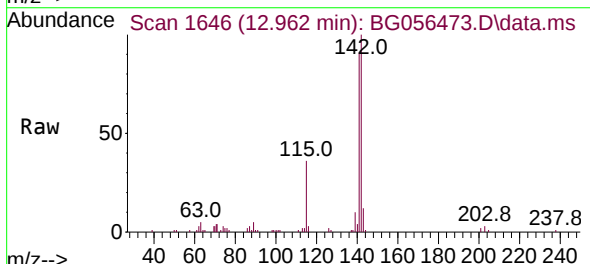
RT: 12.962 min Scan# 1646

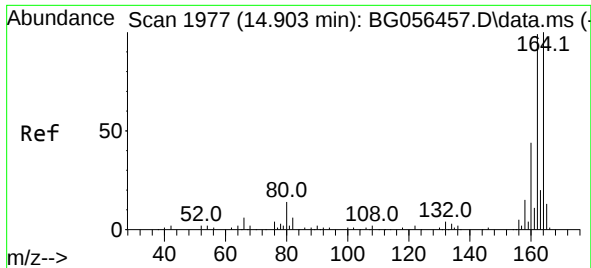
Delta R.T. -0.002 min

Lab File: BG056473.D

Acq: 30 Jan 2023 17:08

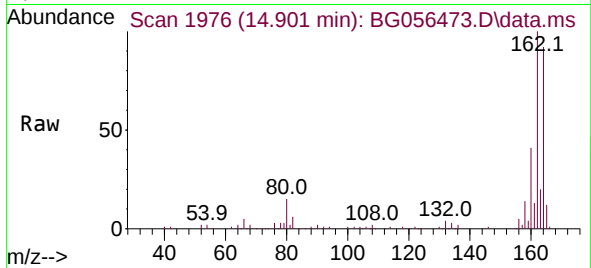
Tgt Ion:142	Resp:	54033
Ion Ratio	Lower	Upper
142	100	
141	90.7	77.7 116.5
116	3.5	3.4 5.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.901 min Scan# 1976
Delta R.T. -0.002 min
Lab File: BG056473.D
Acq: 30 Jan 2023 17:08

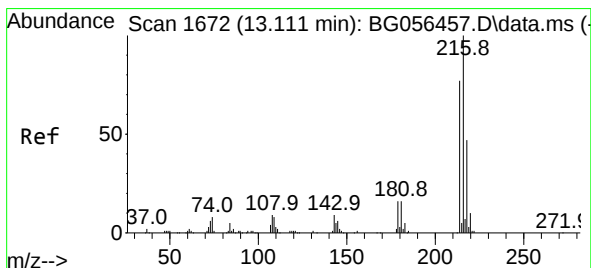
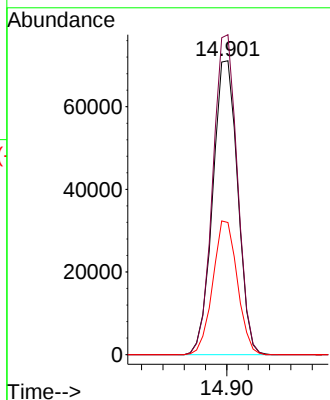
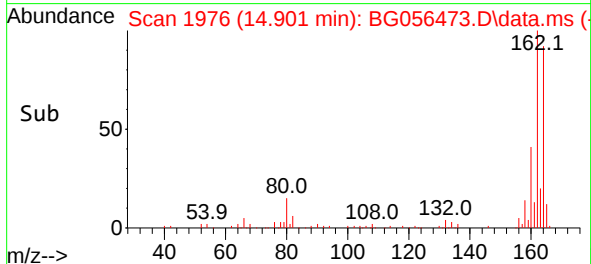
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2022



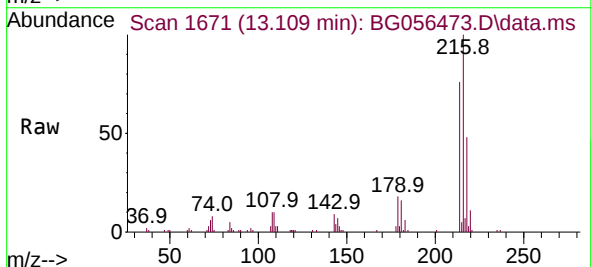
Tgt Ion:164 Resp: 115866
Ion Ratio Lower Upper
164 100
162 108.9 79.6 119.4
160 44.9 34.9 52.3

Manual Integrations
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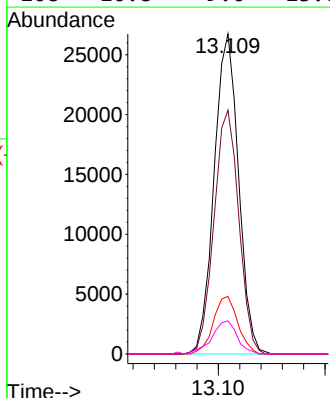
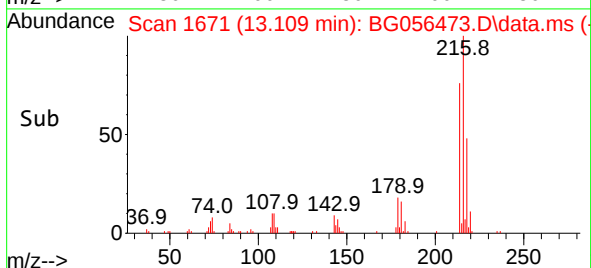
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023

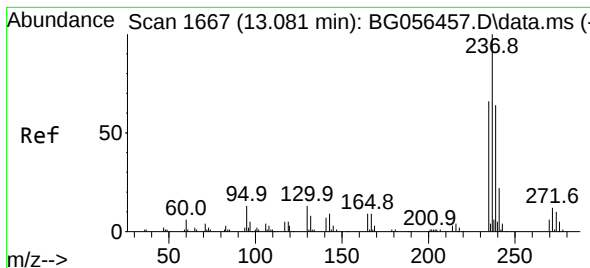


#40
1,2,4,5-Tetrachlorobenzene
Concen: 10.058 ng
RT: 13.109 min Scan# 1671
Delta R.T. -0.002 min
Lab File: BG056473.D
Acq: 30 Jan 2023 17:08



Tgt Ion:216 Resp: 42574
Ion Ratio Lower Upper
216 100
214 77.2 63.0 94.6
179 18.0 14.1 21.1
108 10.8 9.0 13.6





#41

Hexachlorocyclopentadiene

Concen: 11.833 ng

RT: 13.080 min Scan# 1667

Delta R.T. -0.001 min

Lab File: BG056473.D

Acq: 30 Jan 2023 17:08

Instrument :

BNA_G

ClientSampleId :

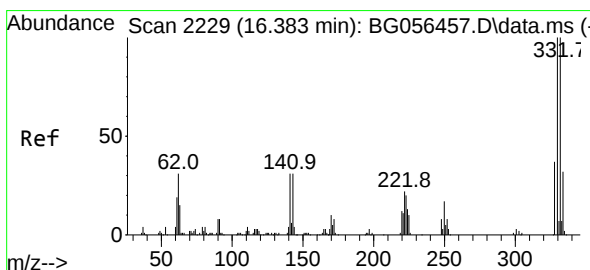
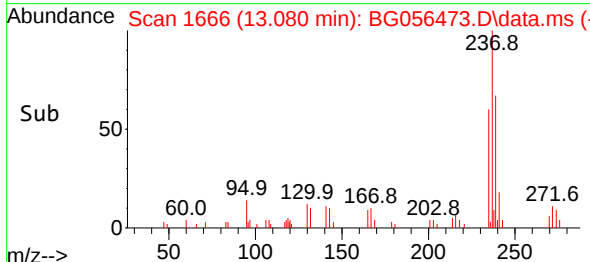
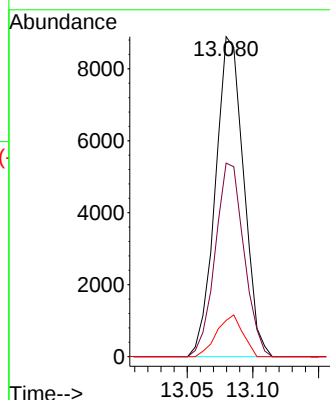
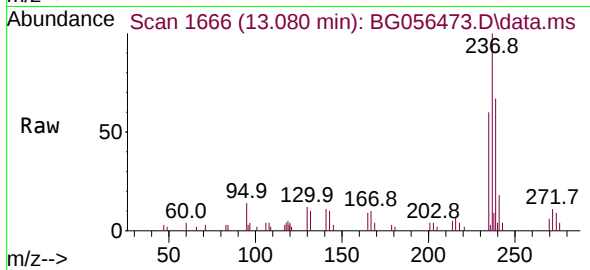
LOQ-WATER-02-QT3-2022

Tgt Ion:	237	Resp:	13315
Ion Ratio	Lower	Upper	
237	100		
235	60.5	45.6	85.6
272	11.3	0.0	32.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#42

2,4,6-Tribromophenol

Concen: 108.673 ng

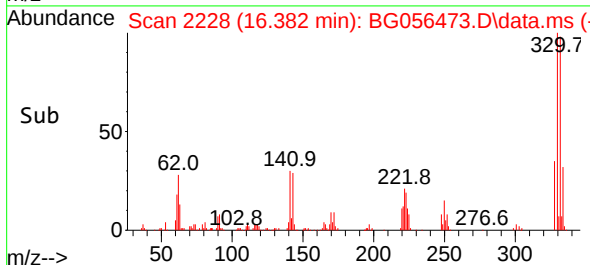
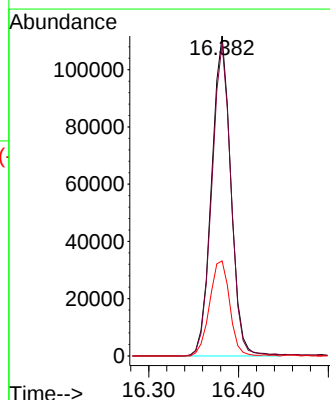
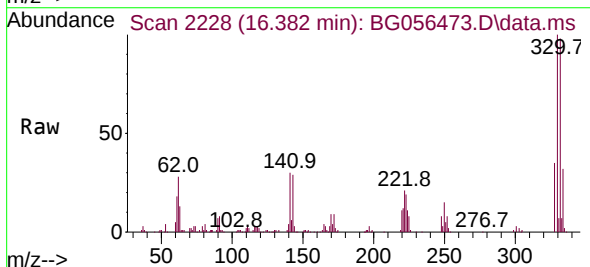
RT: 16.382 min Scan# 2228

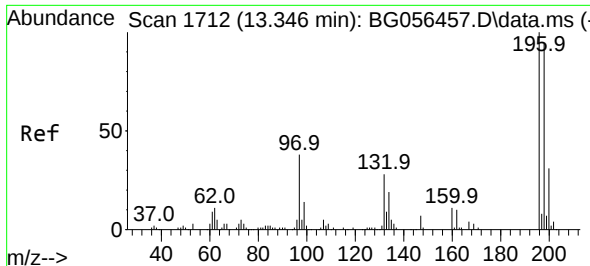
Delta R.T. -0.002 min

Lab File: BG056473.D

Acq: 30 Jan 2023 17:08

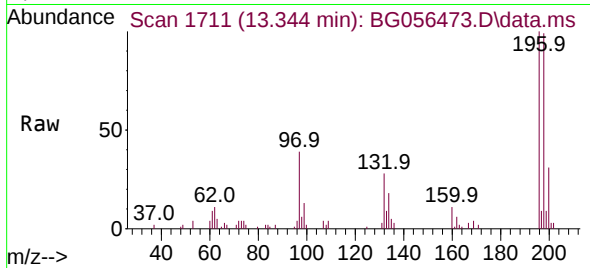
Tgt Ion:	330	Resp:	167397
Ion Ratio	Lower	Upper	
330	100		
332	97.6	79.0	118.6
141	30.8	24.2	36.4





#43
2,4,6-Trichlorophenol
Concen: 9.120 ng
RT: 13.344 min Scan# 1711
Delta R.T. -0.002 min
Lab File: BG056473.D
Acq: 30 Jan 2023 17:08

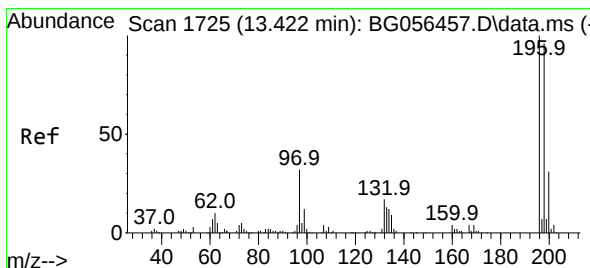
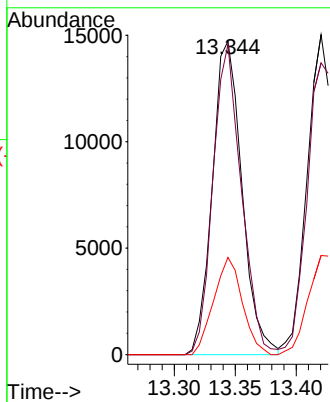
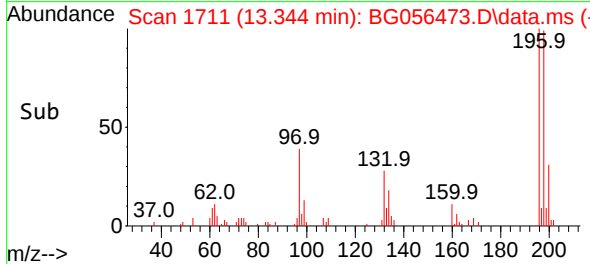
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2022



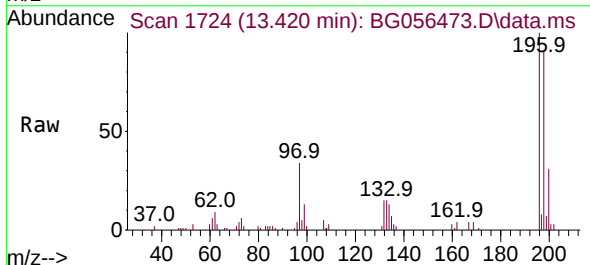
Tgt Ion:196 Resp: 24879
Ion Ratio Lower Upper
196 100
198 99.0 75.4 113.0
200 31.0 25.0 37.6

Manual Integrations
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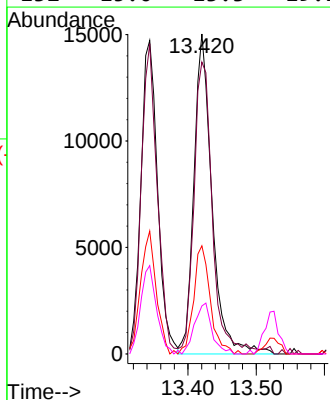
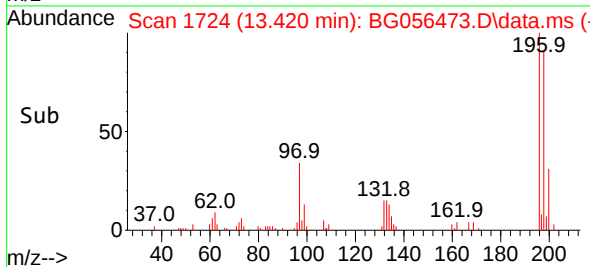
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023

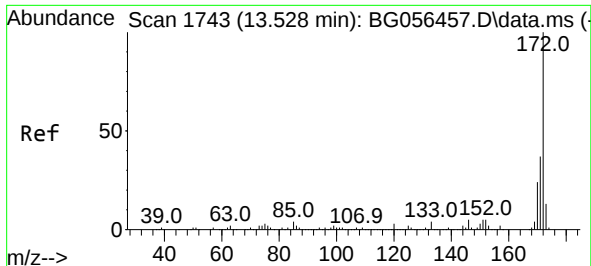


#44
2,4,5-Trichlorophenol
Concen: 8.661 ng
RT: 13.420 min Scan# 1724
Delta R.T. -0.002 min
Lab File: BG056473.D
Acq: 30 Jan 2023 17:08



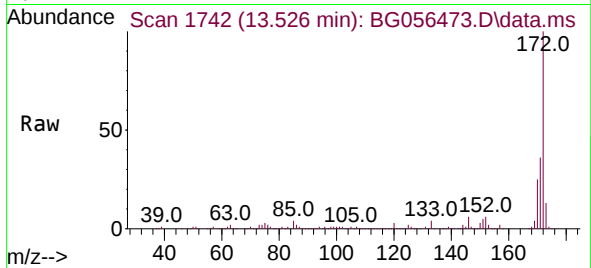
Tgt Ion:196 Resp: 27660
Ion Ratio Lower Upper
196 100
198 91.2 76.9 115.3
97 33.8 25.8 38.6
132 15.0 13.3 19.9





#45
2-Fluorobiphenyl
Concen: 74.634 ng
RT: 13.526 min Scan# 1743
Delta R.T. -0.002 min
Lab File: BG056473.D
Acq: 30 Jan 2023 17:08

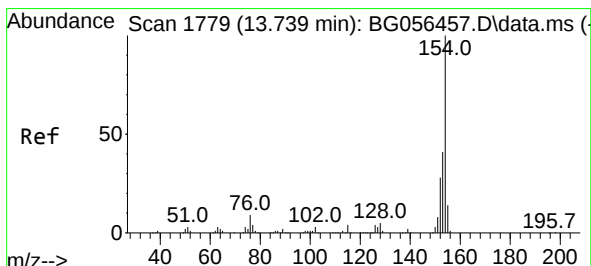
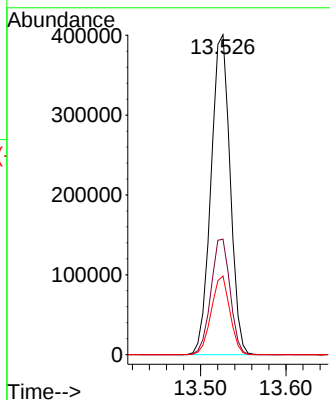
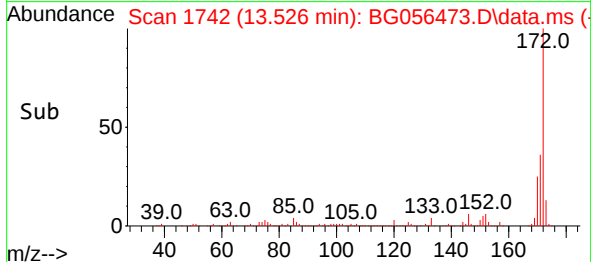
Instrument : BNA_G
ClientSampleId : LOQ-WATER-02-QT3-2022



Tgt Ion:172 Resp: 623730
Ion Ratio Lower Upper
172 100
171 36.1 29.5 44.3
170 24.6 19.2 28.8

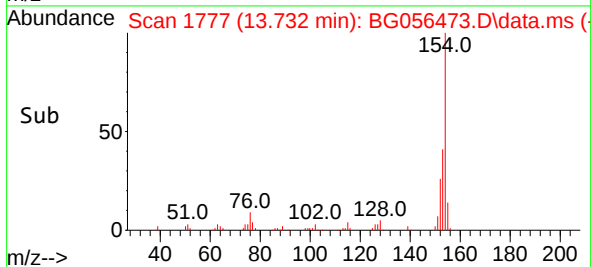
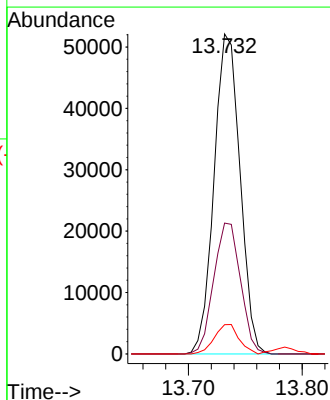
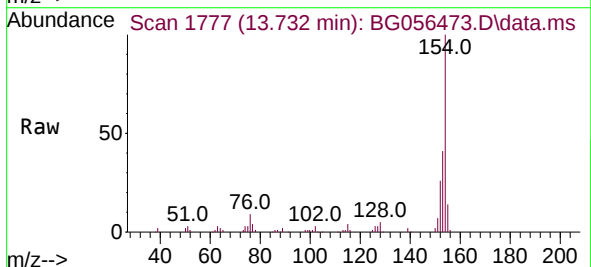
Manual Integrations
APPROVED

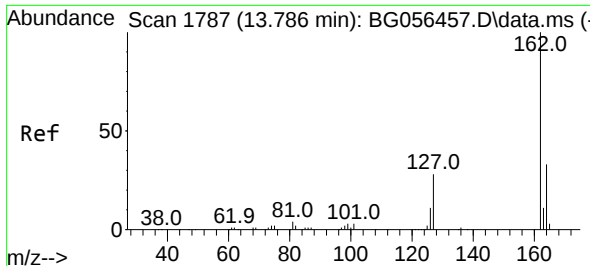
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#46
1,1'-Biphenyl
Concen: 9.823 ng
RT: 13.732 min Scan# 1777
Delta R.T. -0.007 min
Lab File: BG056473.D
Acq: 30 Jan 2023 17:08

Tgt Ion:154 Resp: 82556
Ion Ratio Lower Upper
154 100
153 40.9 21.5 61.5
76 9.1 0.0 28.8





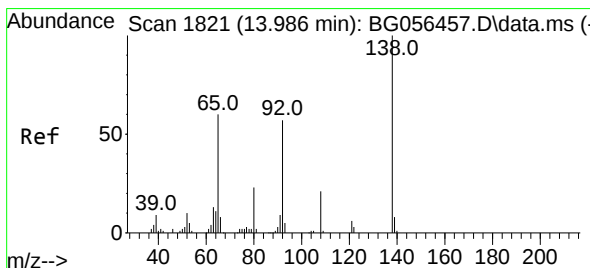
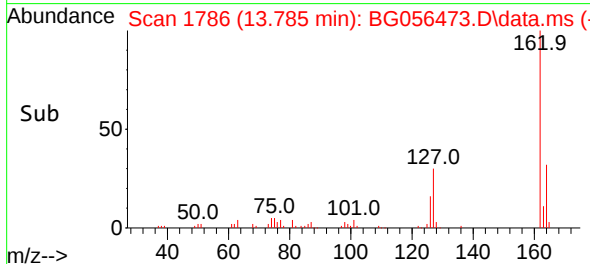
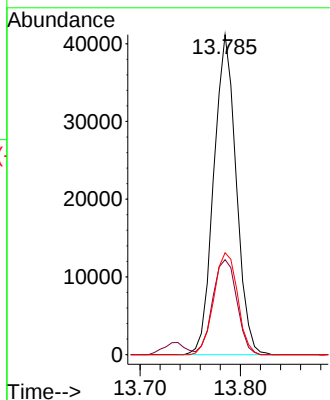
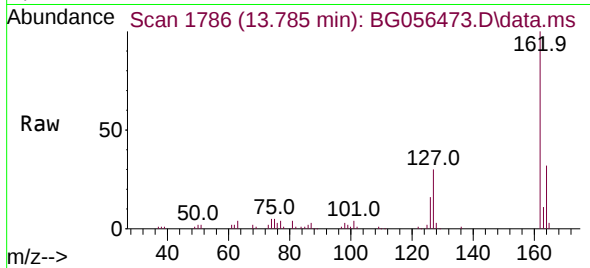
#47
2-Chloronaphthalene
Concen: 9.737 ng
RT: 13.785 min Scan# 1819
Delta R.T. -0.002 min
Lab File: BG056473.D
Acq: 30 Jan 2023 17:08

Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2022

Tgt Ion:162 Resp: 63960
Ion Ratio Lower Upper
162 100
127 29.7 25.2 37.8
164 31.8 26.2 39.2

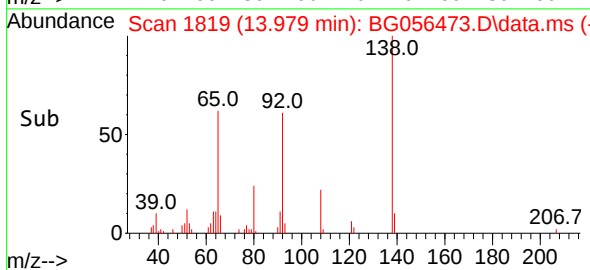
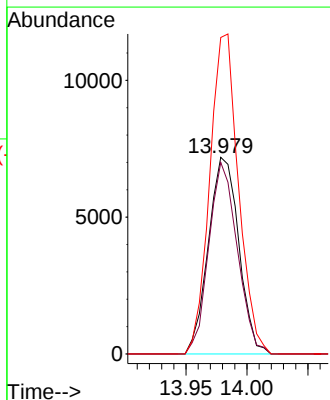
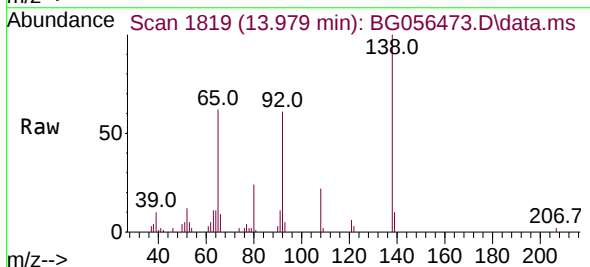
Manual Integrations
APPROVED

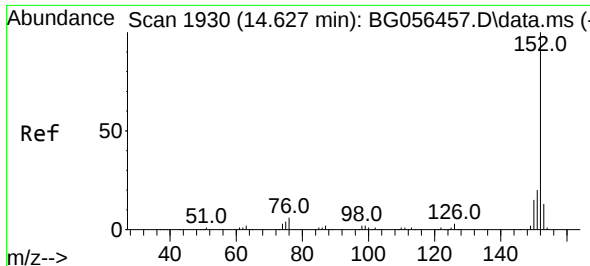
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#48
2-Nitroaniline
Concen: 9.177 ng
RT: 13.979 min Scan# 1819
Delta R.T. -0.008 min
Lab File: BG056473.D
Acq: 30 Jan 2023 17:08

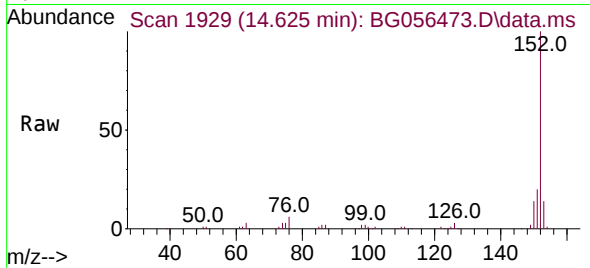
Tgt Ion: 65 Resp: 12462
Ion Ratio Lower Upper
65 100
92 97.5 75.8 113.6
138 161.0 133.2 199.8





#49
Acenaphthylene
Concen: 9.369 ng
RT: 14.625 min Scan# 1930
Delta R.T. -0.002 min
Lab File: BG056473.D
Acq: 30 Jan 2023 17:08

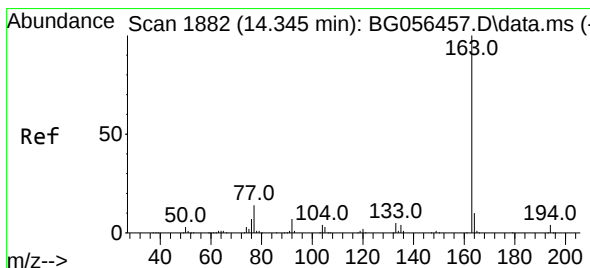
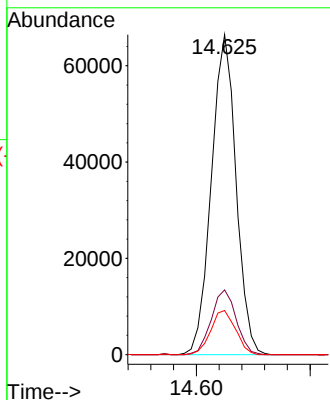
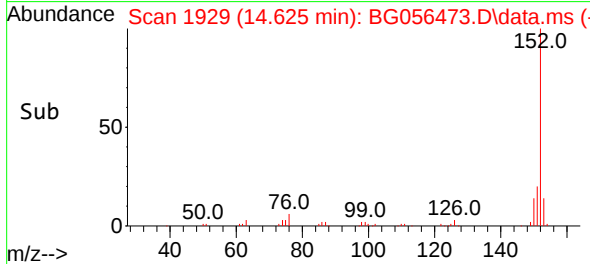
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2022



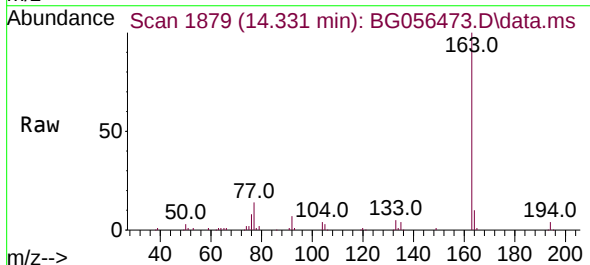
Tgt Ion:152 Resp: 100128
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 13.8 10.5 15.7

Manual Integrations
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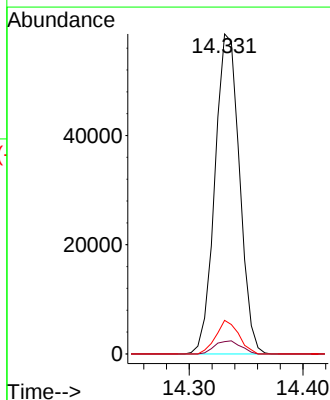
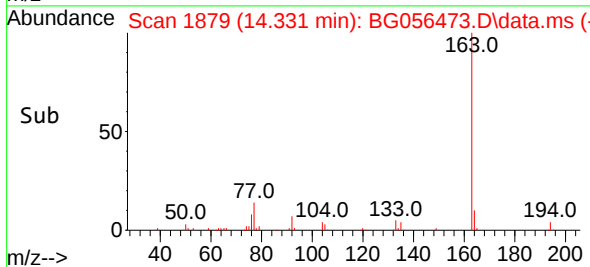
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023

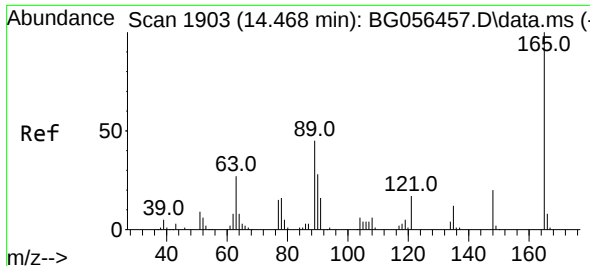


#50
Dimethylphthalate
Concen: 9.377 ng
RT: 14.331 min Scan# 1879
Delta R.T. -0.014 min
Lab File: BG056473.D
Acq: 30 Jan 2023 17:08



Tgt Ion:163 Resp: 87895
Ion Ratio Lower Upper
163 100
194 3.8 3.5 5.3
164 10.5 8.1 12.1





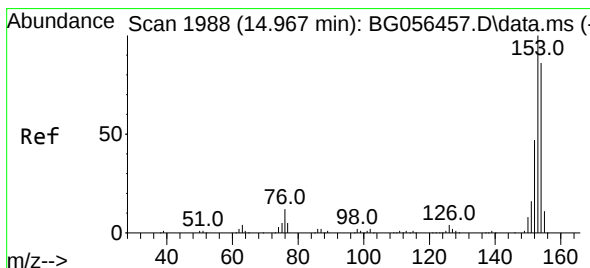
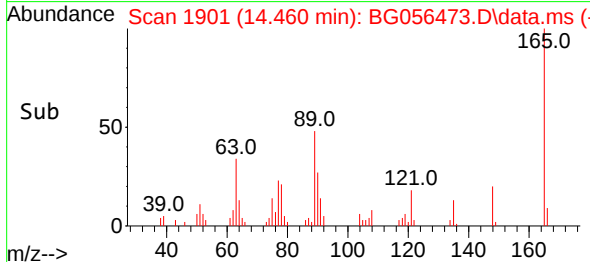
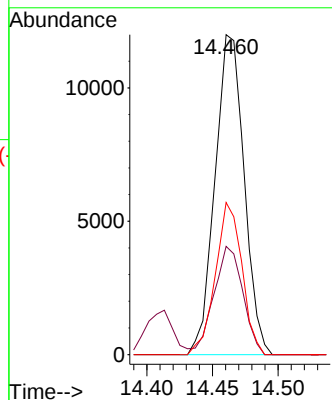
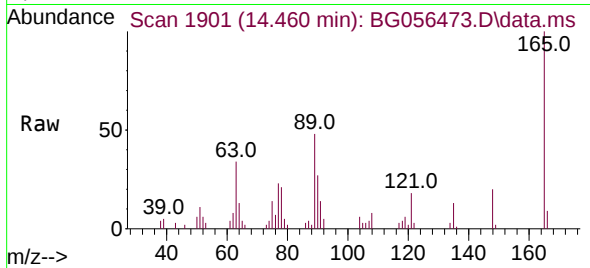
#51
2,6-Dinitrotoluene
Concen: 9.058 ng
RT: 14.460 min Scan# 1903
Delta R.T. -0.008 min
Lab File: BG056473.D
Acq: 30 Jan 2023 17:08

Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2022

Tgt Ion:165 Resp: 18516
Ion Ratio Lower Upper
165 100
63 33.8 26.9 40.3
89 47.5 35.6 53.4

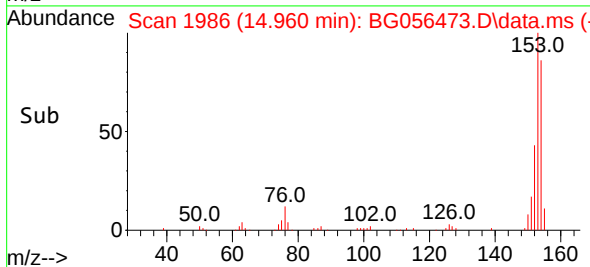
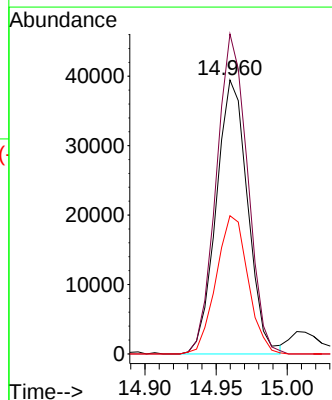
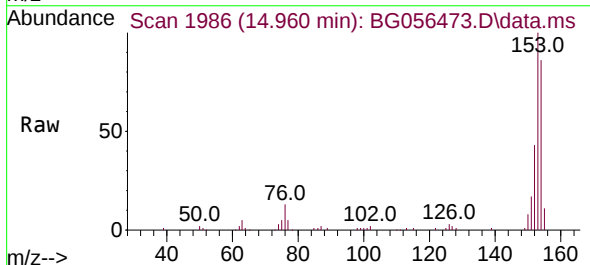
Manual Integrations
APPROVED

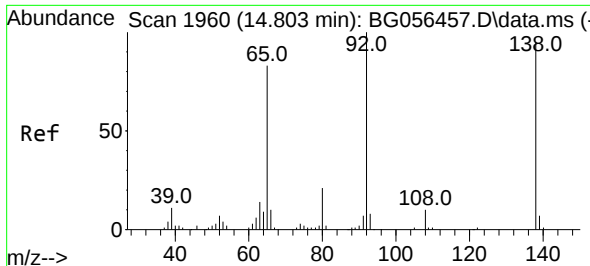
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#52
Acenaphthene
Concen: 9.601 ng
RT: 14.960 min Scan# 1986
Delta R.T. -0.008 min
Lab File: BG056473.D
Acq: 30 Jan 2023 17:08

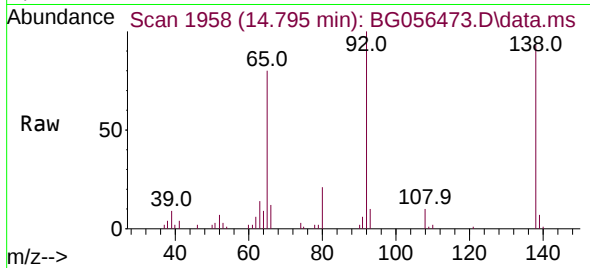
Tgt Ion:154 Resp: 60847
Ion Ratio Lower Upper
154 100
153 116.8 93.4 140.0
152 50.5 43.4 65.2





#53
3-Nitroaniline
Concen: 8.923 ng
RT: 14.795 min Scan# 1958
Delta R.T. -0.008 min
Lab File: BG056473.D
Acq: 30 Jan 2023 17:08

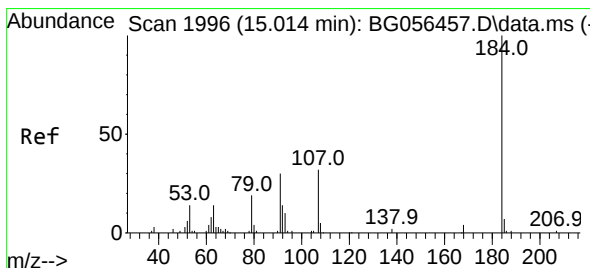
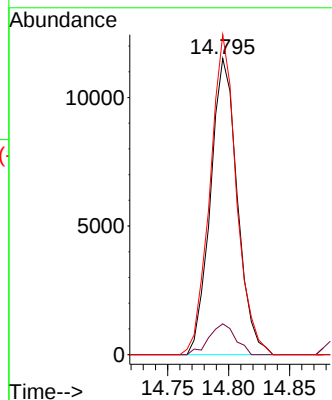
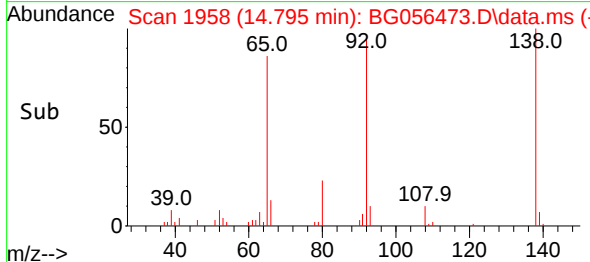
Instrument : BNA_G
ClientSampleId : LOQ-WATER-02-QT3-2022



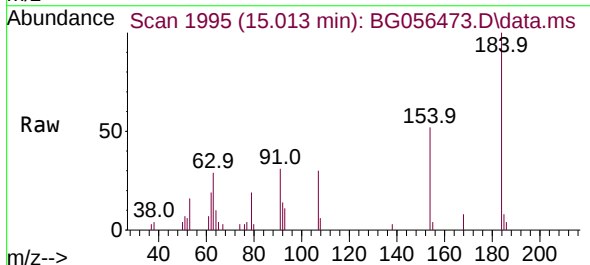
Tgt Ion:138 Resp: 17683
Ion Ratio Lower Upper
138 100
108 10.4 8.0 12.0
92 108.1 84.1 126.1

Manual Integrations
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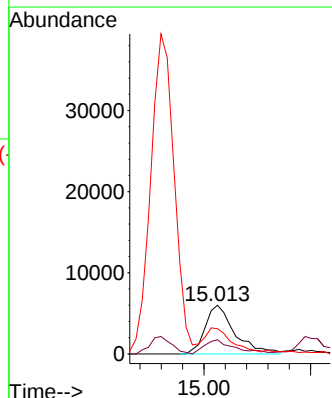
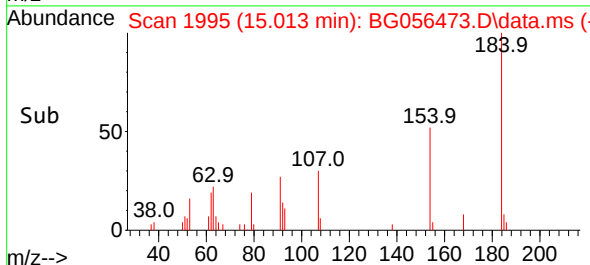
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023

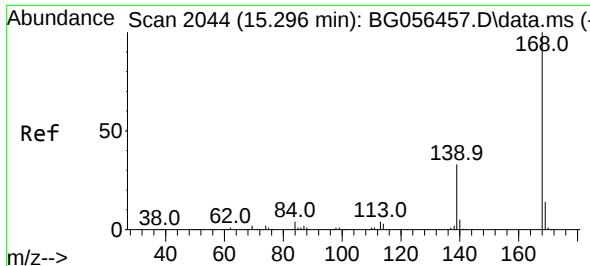


#54
2,4-Dinitrophenol
Concen: 8.961 ng
RT: 15.013 min Scan# 1995
Delta R.T. -0.001 min
Lab File: BG056473.D
Acq: 30 Jan 2023 17:08



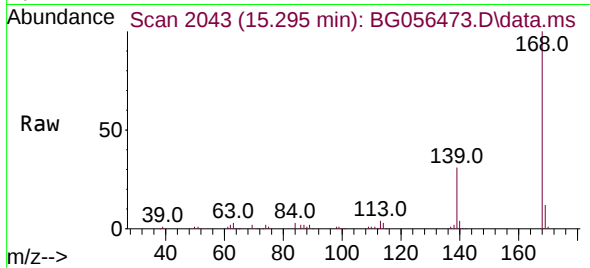
Tgt Ion:184 Resp: 11484
Ion Ratio Lower Upper
184 100
63 29.2 25.1 37.7
154 52.1 44.8 67.2





#55
Dibenzenofuran
Concen: 9.554 ng
RT: 15.295 min Scan# 2044
Delta R.T. -0.002 min
Lab File: BG056473.D
Acq: 30 Jan 2023 17:08

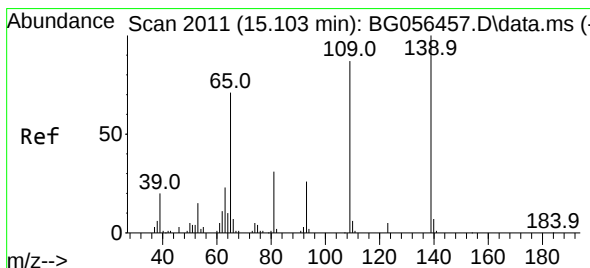
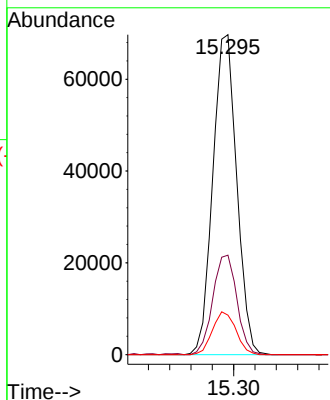
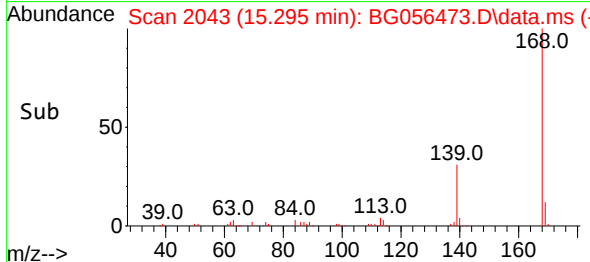
Instrument : BNA_G
ClientSampleId : LOQ-WATER-02-QT3-2022



Tgt Ion:168 Resp: 108596
Ion Ratio Lower Upper
168 100
139 31.1 26.2 39.2
169 12.3 11.0 16.6

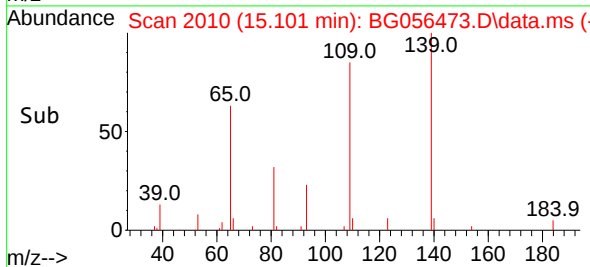
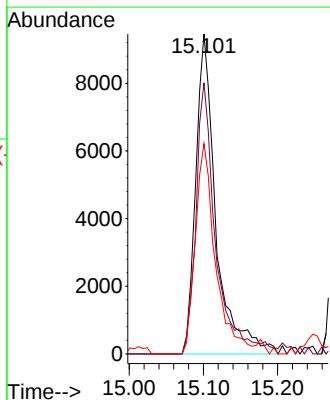
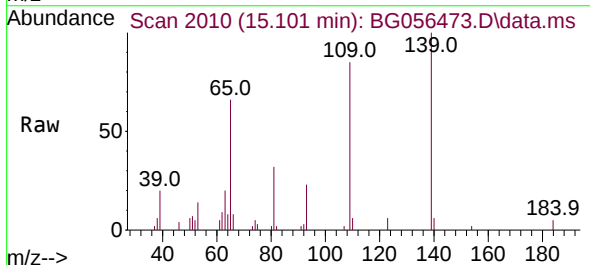
Manual Integrations
APPROVED

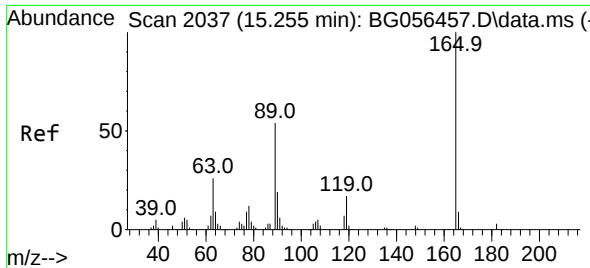
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#56
4-Nitrophenol
Concen: 13.246 ng
RT: 15.101 min Scan# 2010
Delta R.T. -0.002 min
Lab File: BG056473.D
Acq: 30 Jan 2023 17:08

Tgt Ion:139 Resp: 17937
Ion Ratio Lower Upper
139 100
109 84.7 67.5 107.5
65 65.7 50.7 90.7





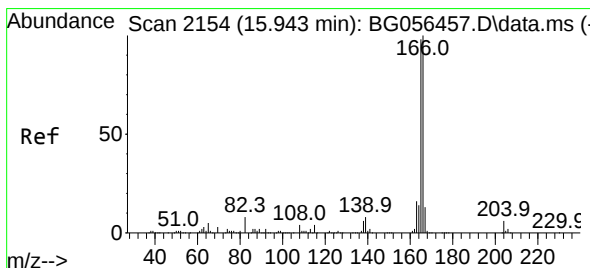
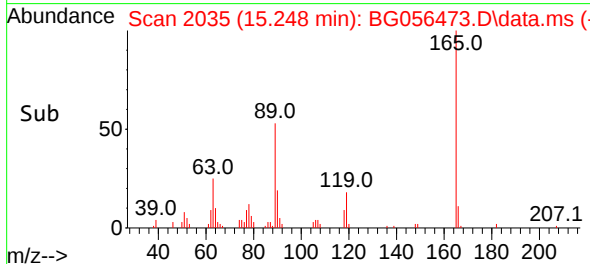
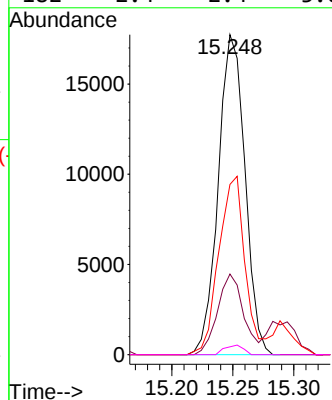
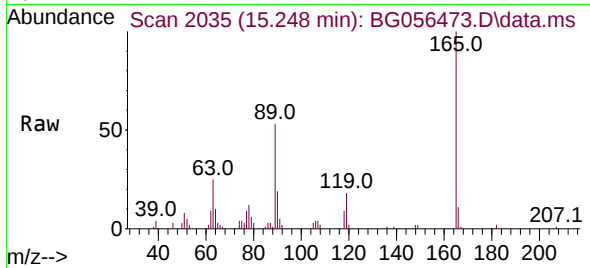
#57
2,4-Dinitrotoluene
Concen: 9.383 ng
RT: 15.248 min Scan# 2035
Delta R.T. -0.008 min
Lab File: BG056473.D
Acq: 30 Jan 2023 17:08

Instrument : BNA_G
ClientSampleId : LOQ-WATER-02-QT3-2022

Tgt Ion:165 Resp: 27018
Ion Ratio Lower Upper
165 100
63 25.2 20.6 31.0
89 53.2 43.1 64.7
182 2.4 2.4 3.6

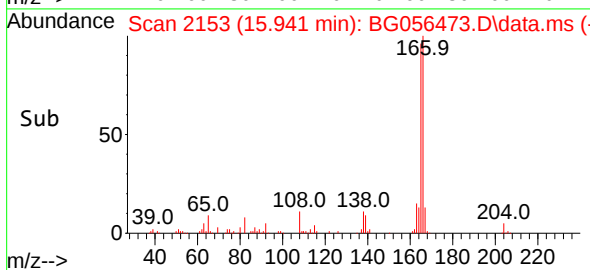
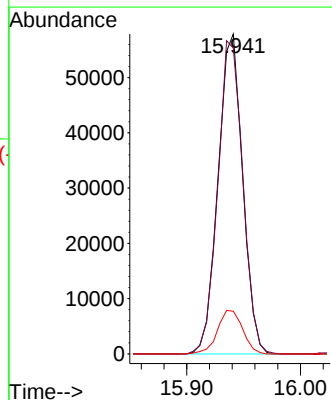
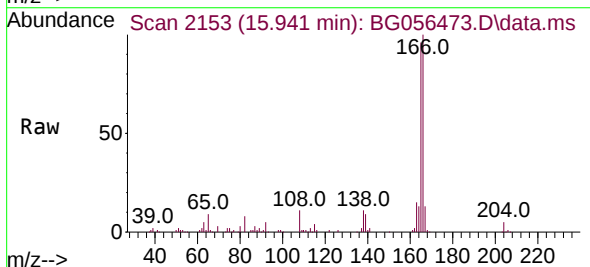
Manual Integrations
APPROVED

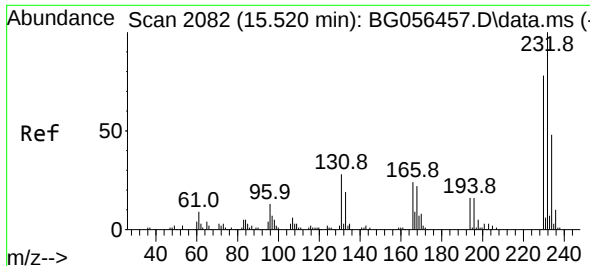
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#58
Fluorene
Concen: 9.583 ng
RT: 15.941 min Scan# 2153
Delta R.T. -0.002 min
Lab File: BG056473.D
Acq: 30 Jan 2023 17:08

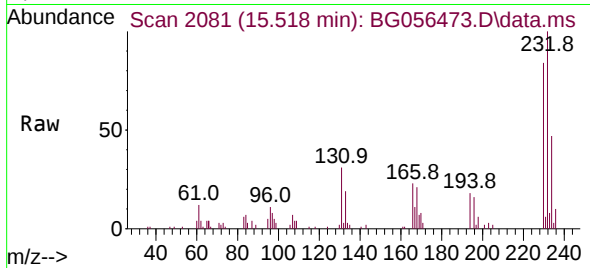
Tgt Ion:166 Resp: 86673
Ion Ratio Lower Upper
166 100
165 95.5 78.8 118.2
167 13.3 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 8.932 ng
RT: 15.518 min Scan# 2081
Delta R.T. -0.002 min
Lab File: BG056473.D
Acq: 30 Jan 2023 17:08

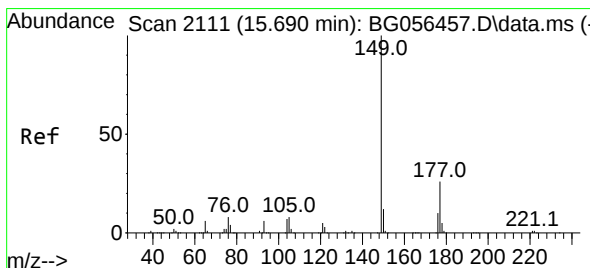
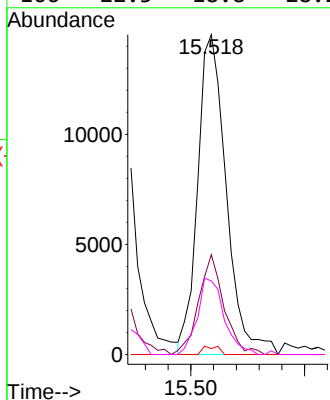
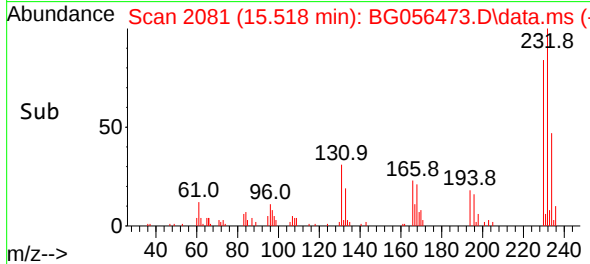
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2022



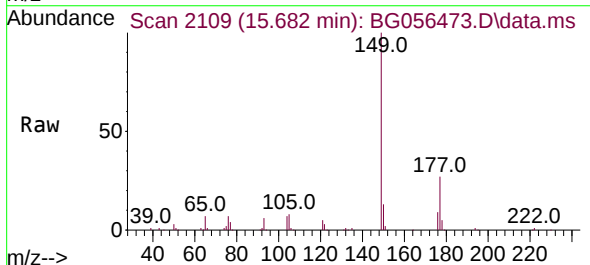
Tgt Ion:232 Resp: 25364
Ion Ratio Lower Upper
232 100
131 27.8 22.8 34.2
130 1.4 1.4 2.0
166 22.3 18.8 28.2

Manual Integrations
APPROVED

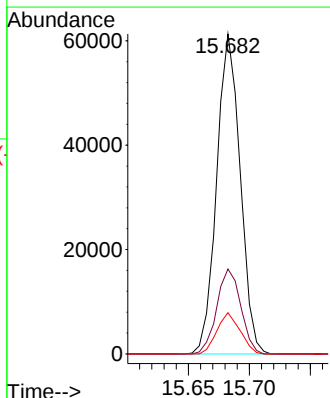
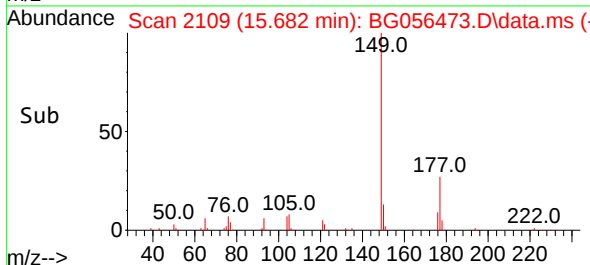
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023

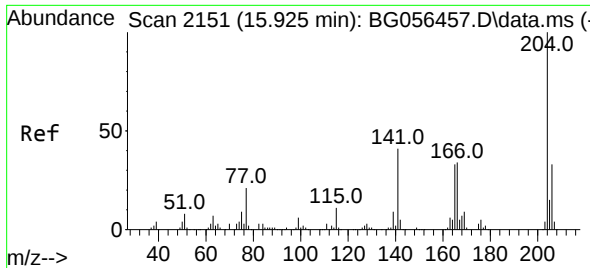


#60
Diethylphthalate
Concen: 9.335 ng
RT: 15.682 min Scan# 2109
Delta R.T. -0.008 min
Lab File: BG056473.D
Acq: 30 Jan 2023 17:08



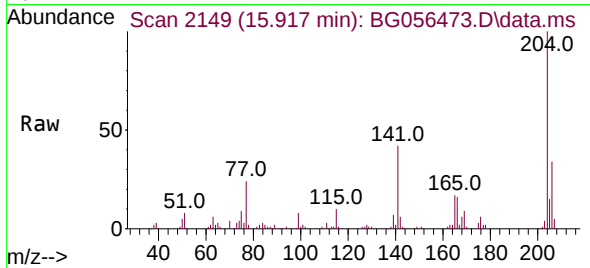
Tgt Ion:149 Resp: 82172
Ion Ratio Lower Upper
149 100
177 26.5 21.0 31.4
150 12.9 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 9.376 ng
RT: 15.917 min Scan# 2149
Delta R.T. -0.008 min
Lab File: BG056473.D
Acq: 30 Jan 2023 17:08

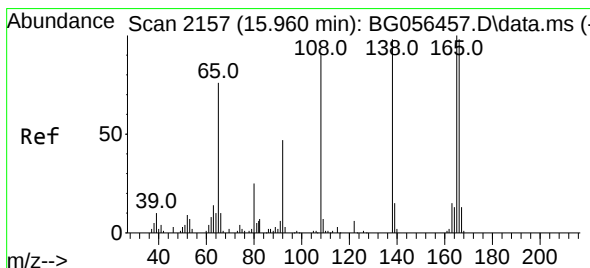
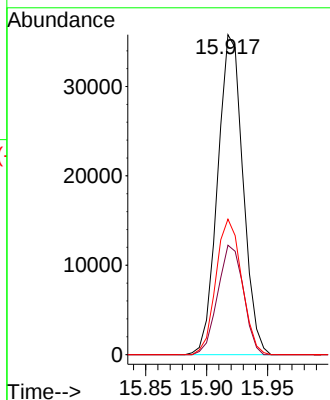
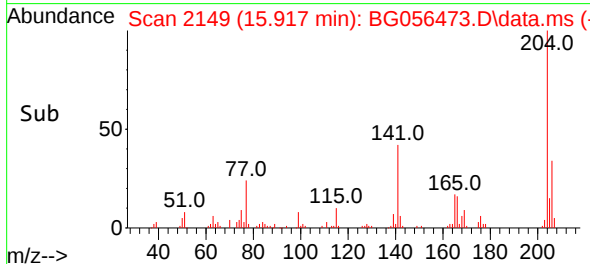
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2022



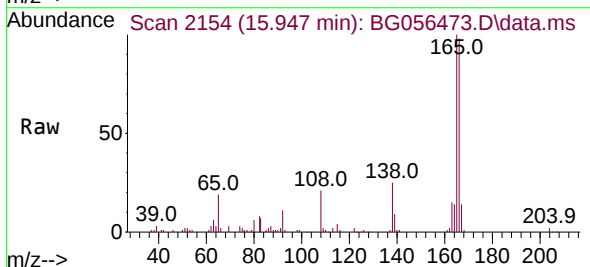
Tgt Ion:204 Resp: 51744
Ion Ratio Lower Upper
204 100
206 34.2 26.2 39.4
141 42.3 32.7 49.1

Manual Integrations
APPROVED

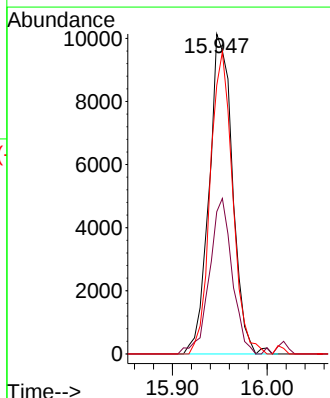
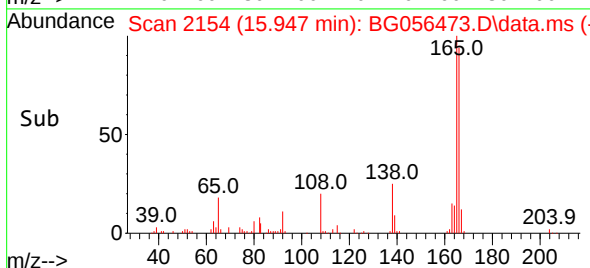
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023

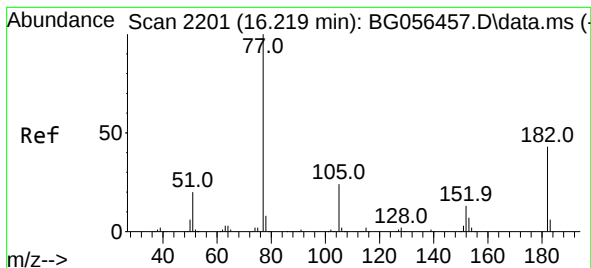


#62
4-Nitroaniline
Concen: 8.776 ng
RT: 15.947 min Scan# 2154
Delta R.T. -0.014 min
Lab File: BG056473.D
Acq: 30 Jan 2023 17:08



Tgt Ion:138 Resp: 17403
Ion Ratio Lower Upper
138 100
92 44.4 27.8 67.8
108 83.9 72.6 112.6





#63

Azobenzene

Concen: 9.453 ng

RT: 16.211 min Scan# 2199

Delta R.T. -0.008 min

Lab File: BG056473.D

Acq: 30 Jan 2023 17:08

Instrument :

BNA_G

ClientSampleId :

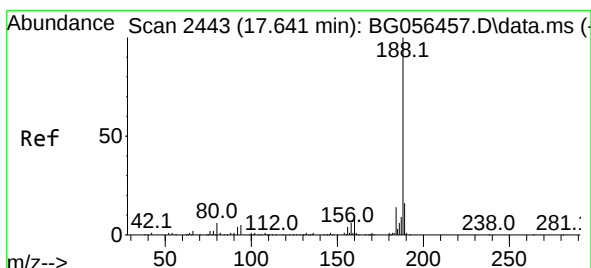
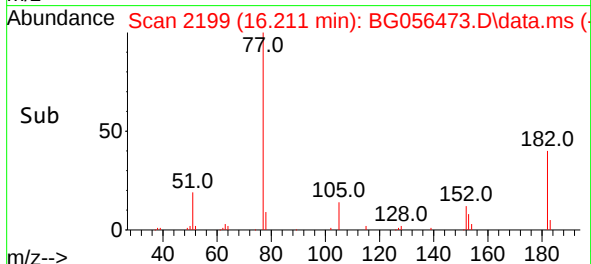
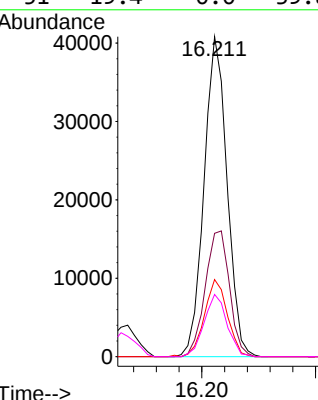
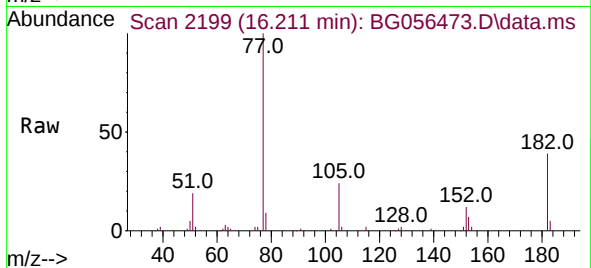
LOQ-WATER-02-QT3-2022

Tgt Ion: 77	Resp: 5725
Ion Ratio	Lower Upper
77 100	
182 38.5	23.1 63.1
105 24.1	4.2 44.2
51 19.4	0.0 39.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#64

Phenanthrene-d10

Concen: 20.000 ng

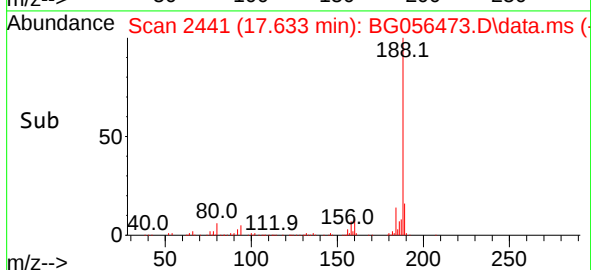
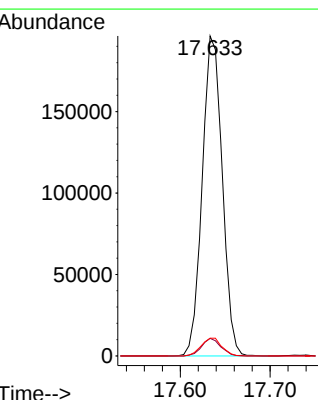
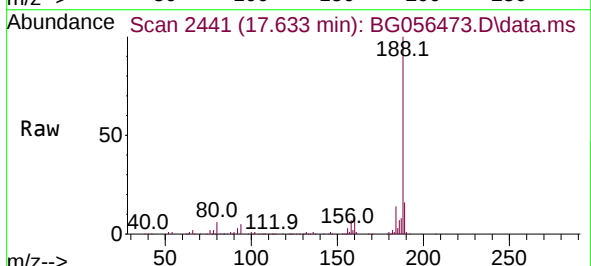
RT: 17.633 min Scan# 2441

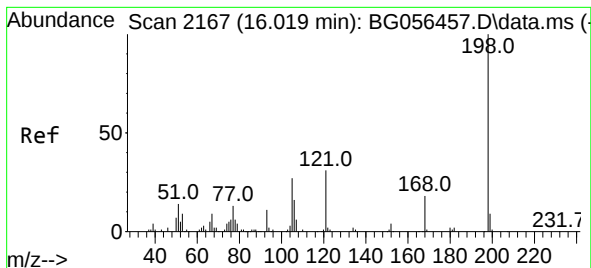
Delta R.T. -0.008 min

Lab File: BG056473.D

Acq: 30 Jan 2023 17:08

Tgt Ion:188	Resp: 303939
Ion Ratio	Lower Upper
188 100	
94 5.5	4.1 6.1
80 5.5	5.0 7.4





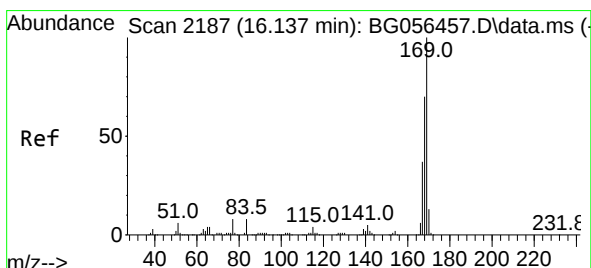
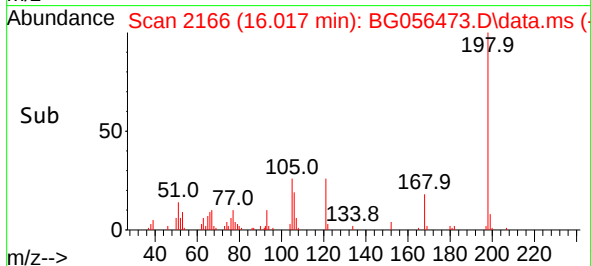
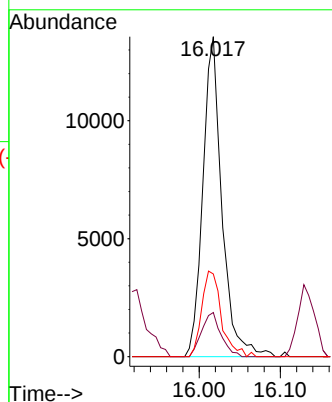
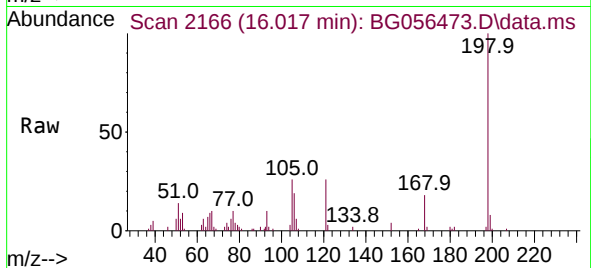
#65
4,6-Dinitro-2-methylphenol
Concen: 10.347 ng
RT: 16.017 min Scan# 2166
Delta R.T. -0.002 min
Lab File: BG056473.D
Acq: 30 Jan 2023 17:08

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2022

Tgt Ion:198 Resp: 22110
Ion Ratio Lower Upper
198 100
51 13.8 0.0 35.0
105 25.8 7.4 47.4

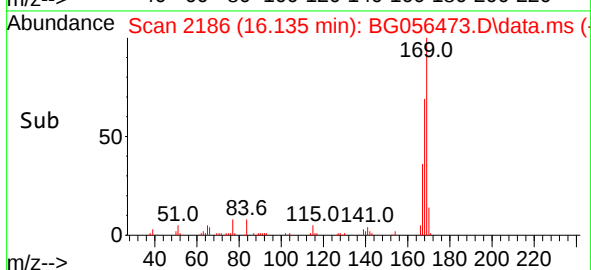
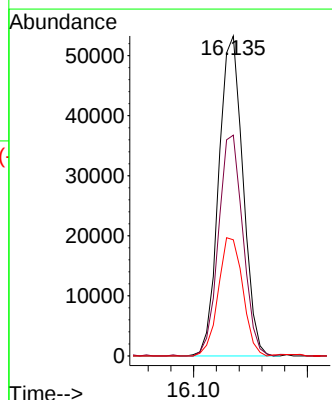
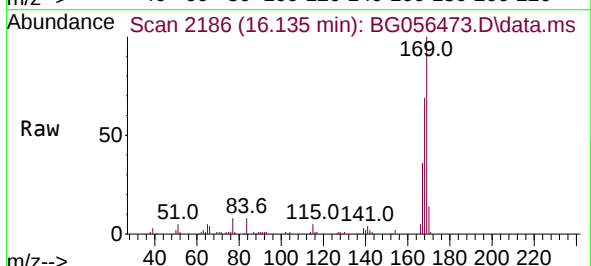
Manual Integrations
APPROVED

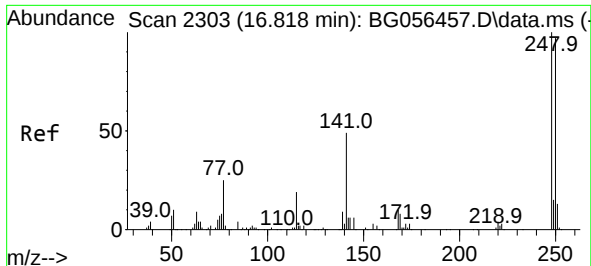
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#66
n-Nitrosodiphenylamine
Concen: 9.134 ng
RT: 16.135 min Scan# 2186
Delta R.T. -0.002 min
Lab File: BG056473.D
Acq: 30 Jan 2023 17:08

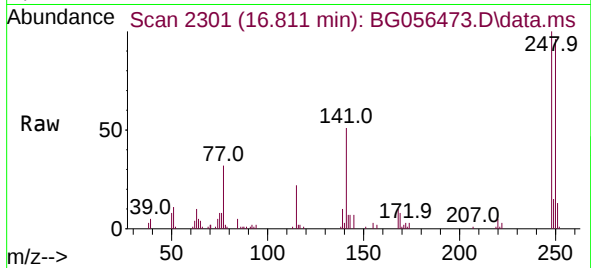
Tgt Ion:169 Resp: 78603
Ion Ratio Lower Upper
169 100
168 69.0 55.8 83.6
167 36.3 29.8 44.8





#67
4-Bromophenyl-phenylether
Concen: 8.946 ng
RT: 16.811 min Scan# 2303
Delta R.T. -0.008 min
Lab File: BG056473.D
Acq: 30 Jan 2023 17:08

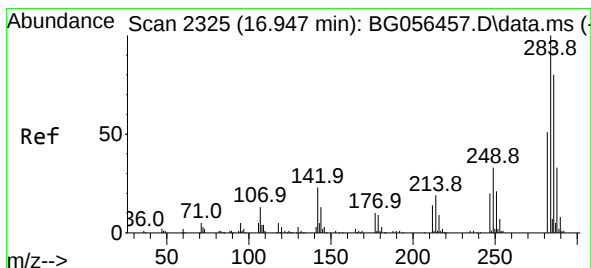
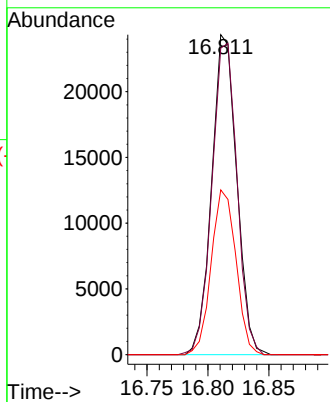
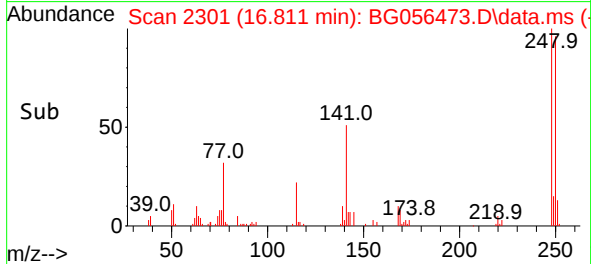
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2022



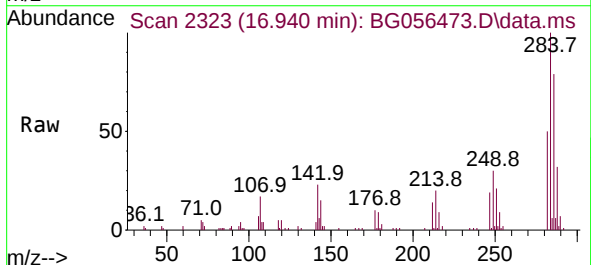
Tgt Ion:248 Resp: 34809
Ion Ratio Lower Upper
248 100
250 95.8 77.6 116.4
141 51.5 39.0 58.4

Manual Integrations
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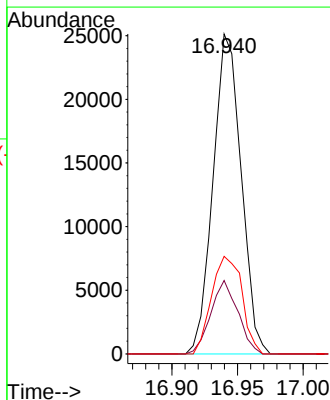
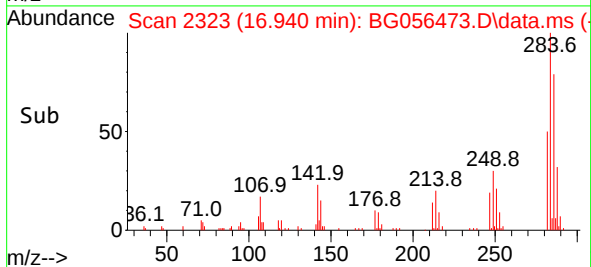
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023

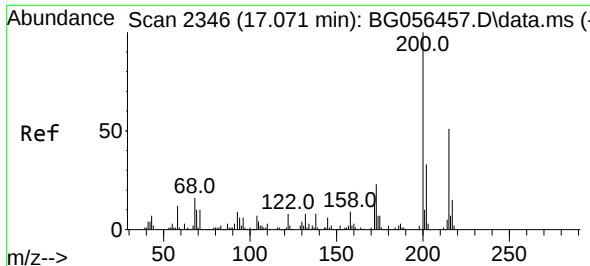


#68
Hexachlorobenzene
Concen: 9.819 ng
RT: 16.940 min Scan# 2323
Delta R.T. -0.008 min
Lab File: BG056473.D
Acq: 30 Jan 2023 17:08



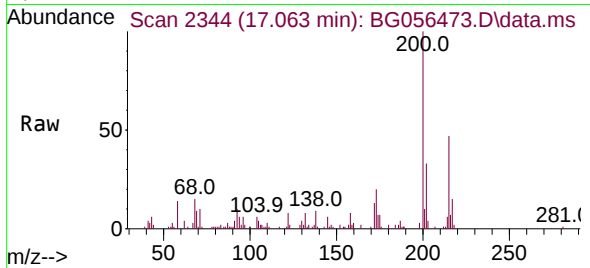
Tgt Ion:284 Resp: 37420
Ion Ratio Lower Upper
284 100
142 22.9 18.0 27.0
249 32.7 26.7 40.1





#69
Atrazine
Concen: 10.253 ng
RT: 17.063 min Scan# 2344
Delta R.T. -0.008 min
Lab File: BG056473.D
Acq: 30 Jan 2023 17:08

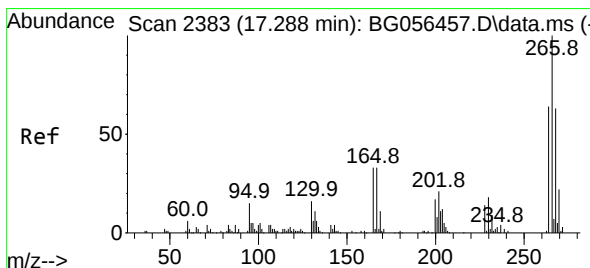
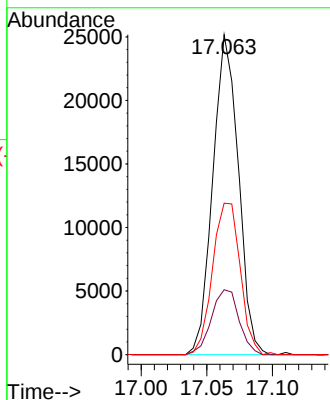
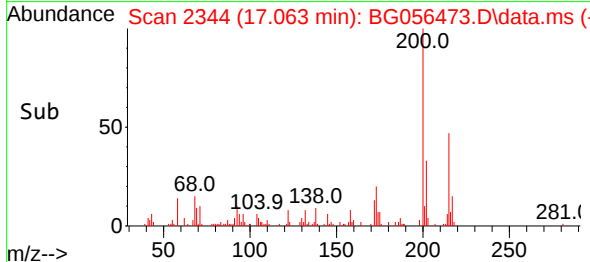
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:200 Resp: 34040
Ion Ratio Lower Upper
200 100
173 20.3 3.2 43.2
215 47.3 30.7 70.7

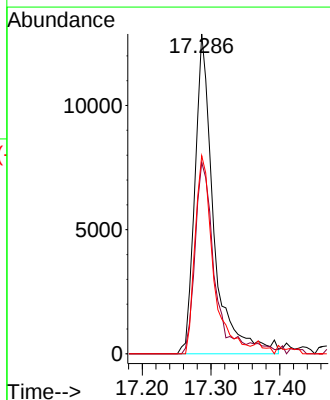
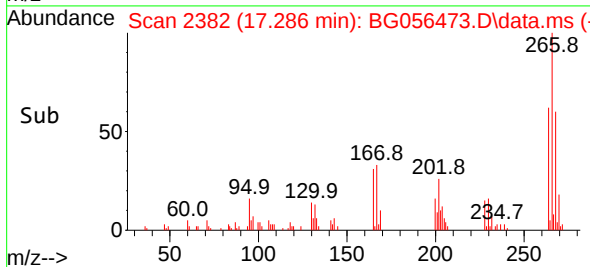
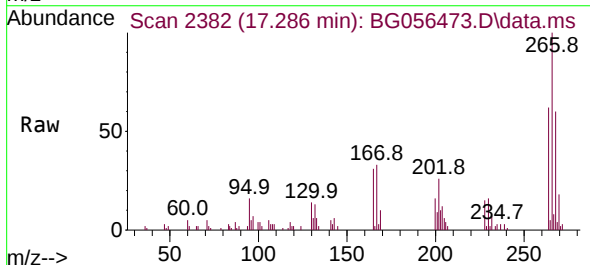
Manual Integrations
APPROVED

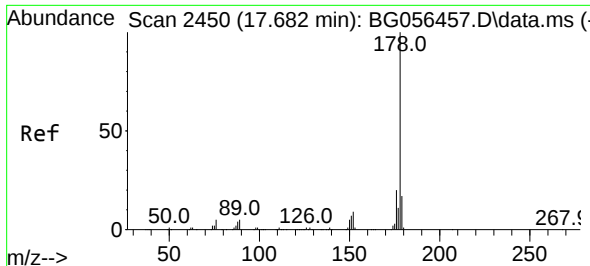
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#70
Pentachlorophenol
Concen: 10.642 ng m
RT: 17.286 min Scan# 2382
Delta R.T. -0.002 min
Lab File: BG056473.D
Acq: 30 Jan 2023 17:08

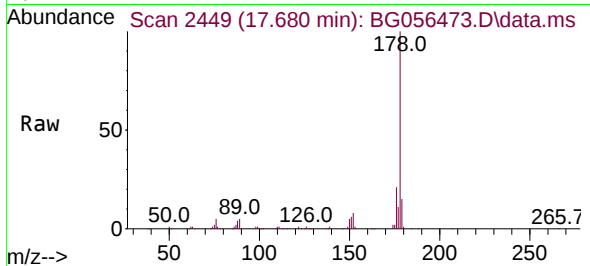
Tgt Ion:266 Resp: 24539
Ion Ratio Lower Upper
266 100
268 59.8 50.2 75.4
264 61.9 51.4 77.0





#71
Phenanthrene
Concen: 9.211 ng
RT: 17.680 min Scan# 2449
Delta R.T. -0.002 min
Lab File: BG056473.D
Acq: 30 Jan 2023 17:08

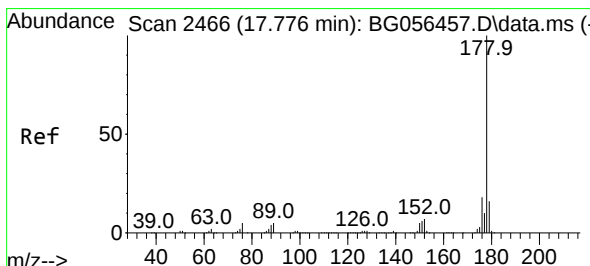
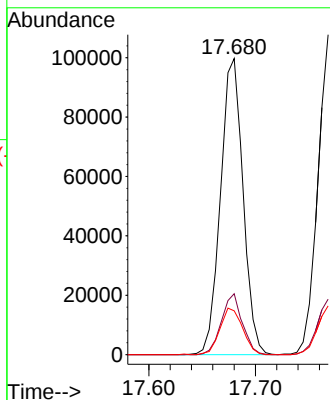
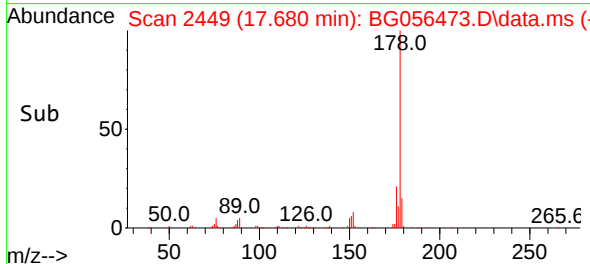
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:178 Resp: 146528
Ion Ratio Lower Upper
178 100
176 20.5 15.6 23.4
179 14.8 13.3 19.9

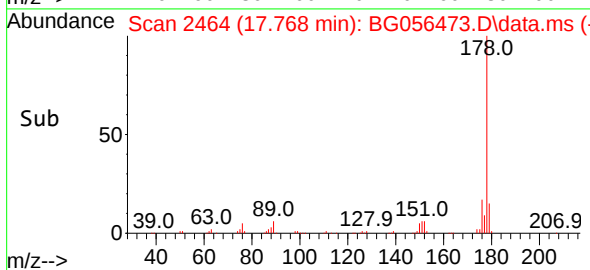
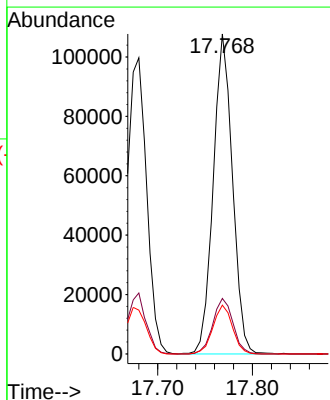
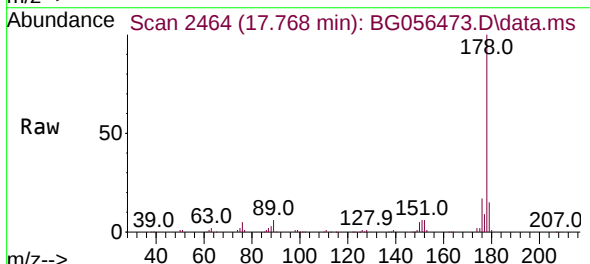
Manual Integrations
APPROVED

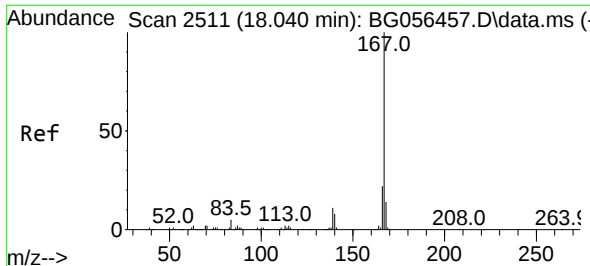
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#72
Anthracene
Concen: 9.297 ng
RT: 17.768 min Scan# 2464
Delta R.T. -0.008 min
Lab File: BG056473.D
Acq: 30 Jan 2023 17:08

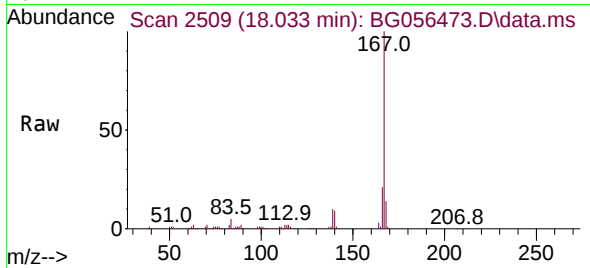
Tgt Ion:178 Resp: 151812
Ion Ratio Lower Upper
178 100
176 17.3 14.5 21.7
179 15.2 12.5 18.7





#73
Carbazole
Concen: 9.339 ng
RT: 18.033 min Scan# 2509
Delta R.T. -0.008 min
Lab File: BG056473.D
Acq: 30 Jan 2023 17:08

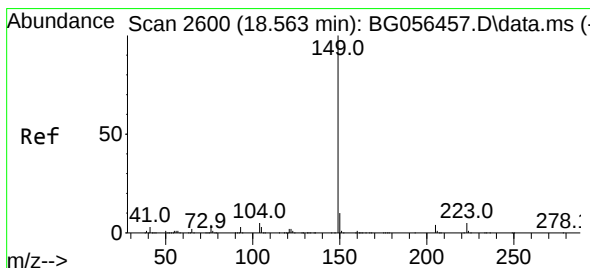
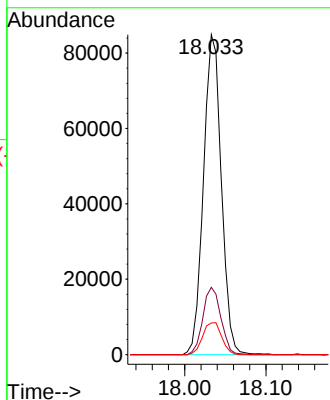
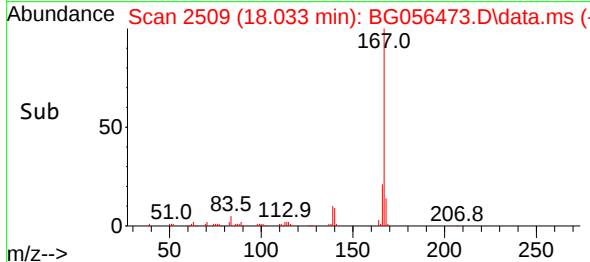
Instrument : BNA_G
ClientSampleId : LOQ-WATER-02-QT3-2022



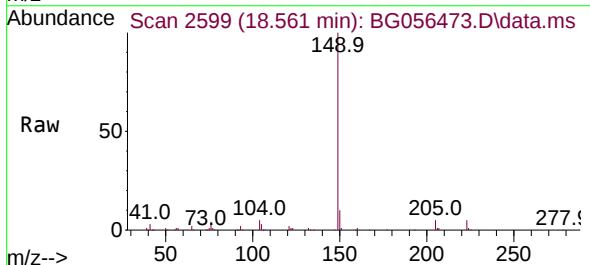
Tgt Ion:167 Resp: 129882
Ion Ratio Lower Upper
167 100
166 21.0 17.8 26.6
139 9.9 8.9 13.3

Manual Integrations
APPROVED

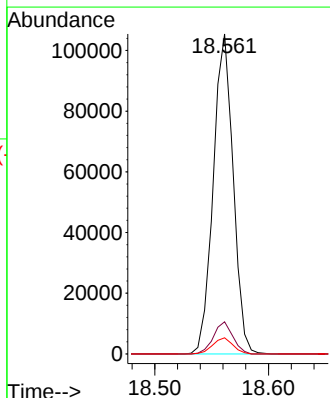
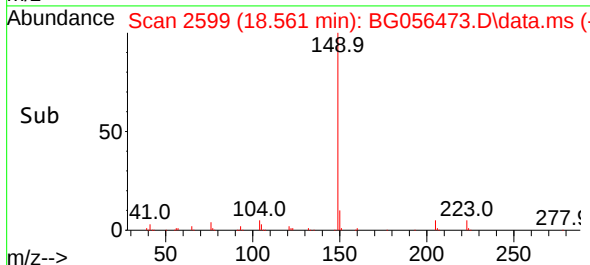
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023

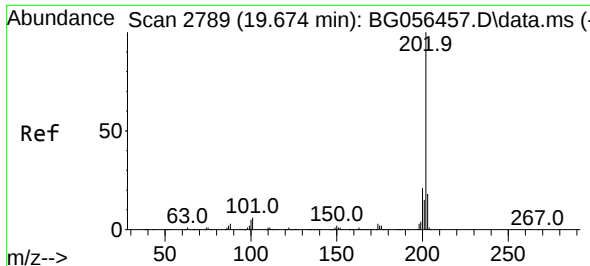


#74
Di-n-butylphthalate
Concen: 8.778 ng
RT: 18.561 min Scan# 2599
Delta R.T. -0.002 min
Lab File: BG056473.D
Acq: 30 Jan 2023 17:08



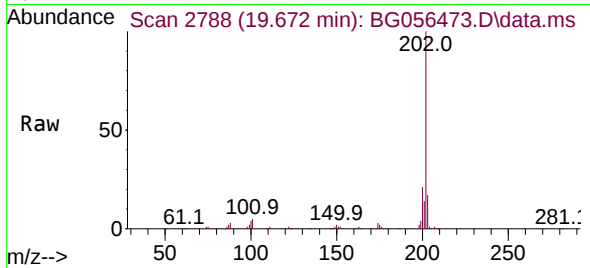
Tgt Ion:149 Resp: 128191
Ion Ratio Lower Upper
149 100
150 10.0 7.8 11.6
104 5.0 4.0 6.0





#75
Fluoranthene
Concen: 9.445 ng
RT: 19.672 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG056473.D
Acq: 30 Jan 2023 17:08

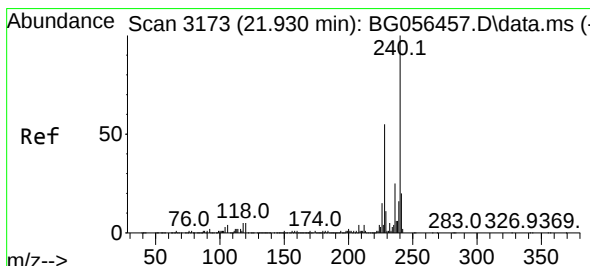
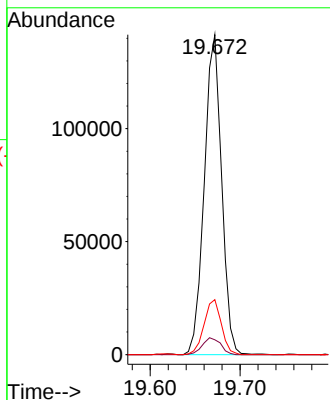
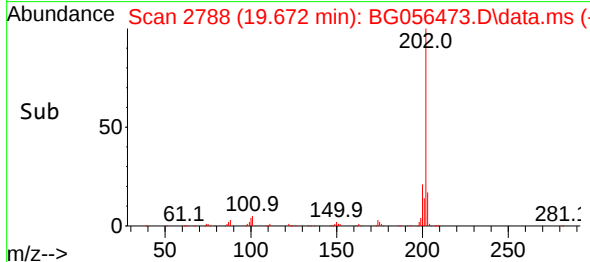
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:202 Resp: 189630
Ion Ratio Lower Upper
202 100
101 4.6 0.0 25.6
203 17.2 0.0 38.1

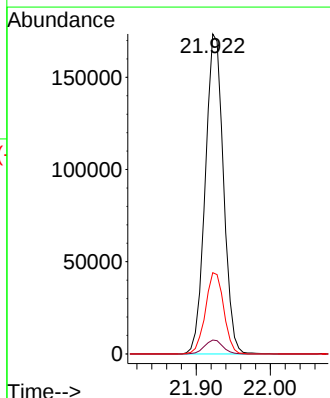
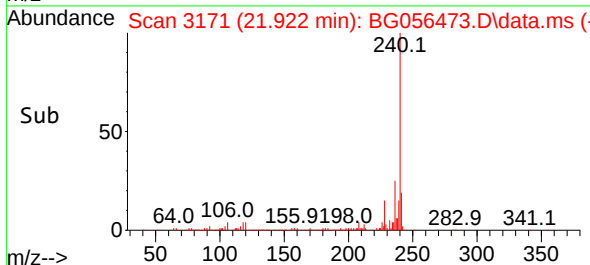
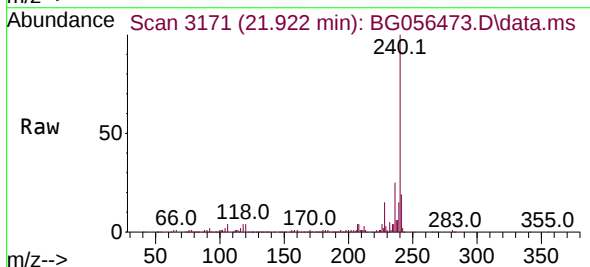
Manual Integrations
APPROVED

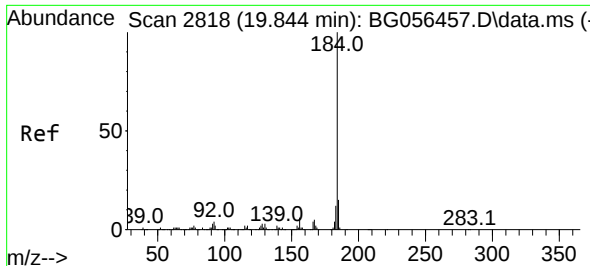
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.922 min Scan# 3171
Delta R.T. -0.008 min
Lab File: BG056473.D
Acq: 30 Jan 2023 17:08

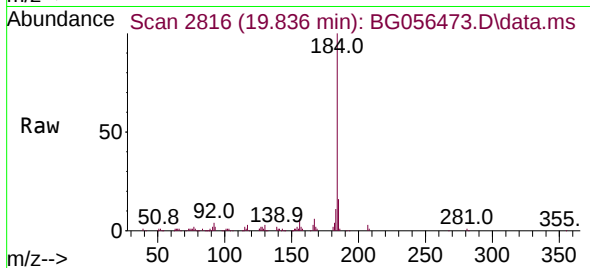
Tgt Ion:240 Resp: 294193
Ion Ratio Lower Upper
240 100
120 4.3 3.8 5.8
236 25.4 20.2 30.2





#77
Benzidine
Concen: 12.430 ng
RT: 19.836 min Scan# 2816
Delta R.T. -0.008 min
Lab File: BG056473.D
Acq: 30 Jan 2023 17:08

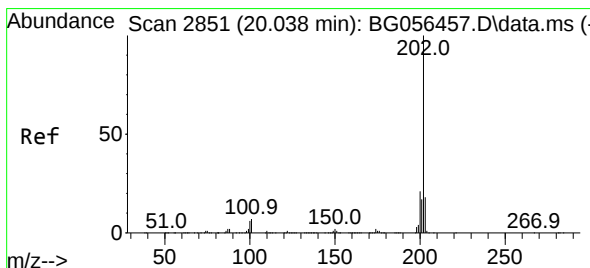
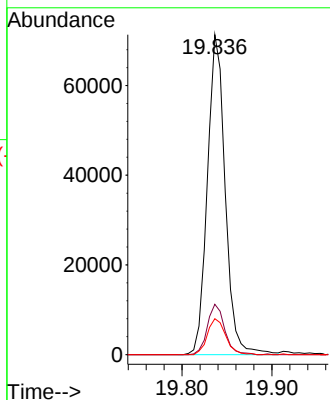
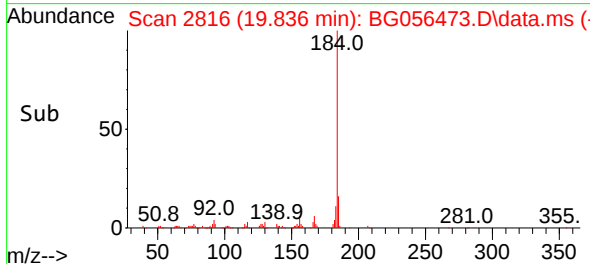
Instrument : BNA_G
ClientSampleId : LOQ-WATER-02-QT3-2022



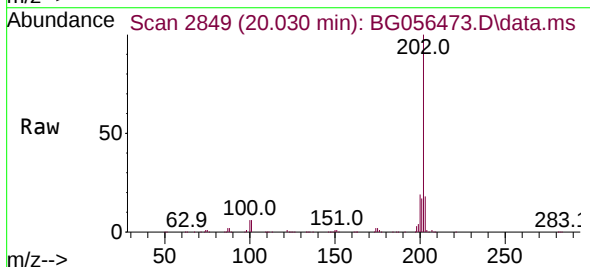
Tgt Ion:184 Resp: 98954
Ion Ratio Lower Upper
184 100
185 15.7 12.3 18.5
183 11.2 9.8 14.8

Manual Integrations
APPROVED

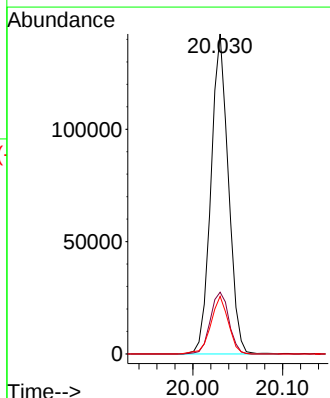
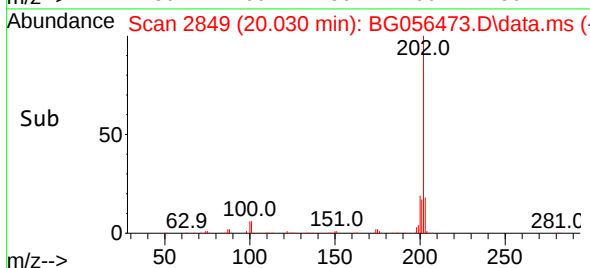
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023

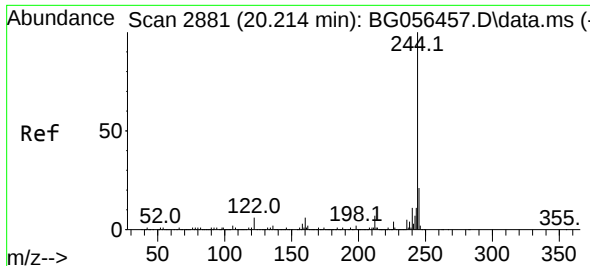


#78
Pyrene
Concen: 9.139 ng
RT: 20.030 min Scan# 2849
Delta R.T. -0.008 min
Lab File: BG056473.D
Acq: 30 Jan 2023 17:08



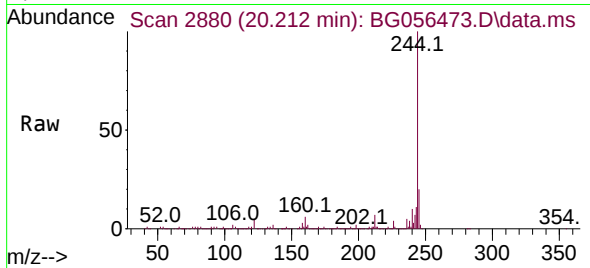
Tgt Ion:202 Resp: 191220
Ion Ratio Lower Upper
202 100
200 19.3 16.7 25.1
203 18.0 14.4 21.6





#79
 Terphenyl-d14
 Concen: 70.149 ng
 RT: 20.212 min Scan# 2881
 Delta R.T. -0.002 min
 Lab File: BG056473.D
 Acq: 30 Jan 2023 17:08

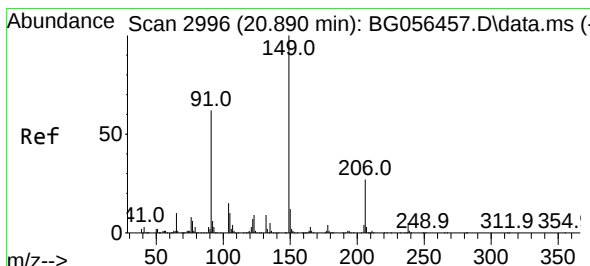
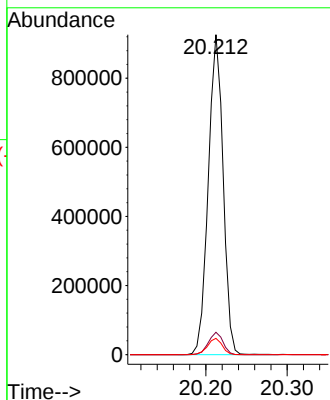
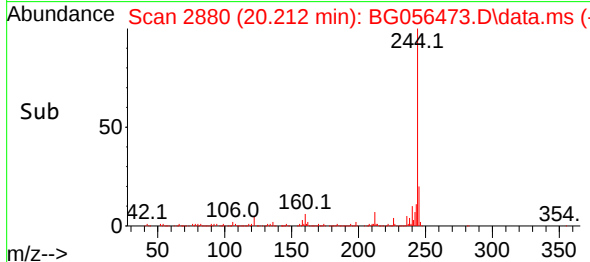
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT3-2022



Tgt Ion:244 Resp: 1175000
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 5.1 4.4 6.6

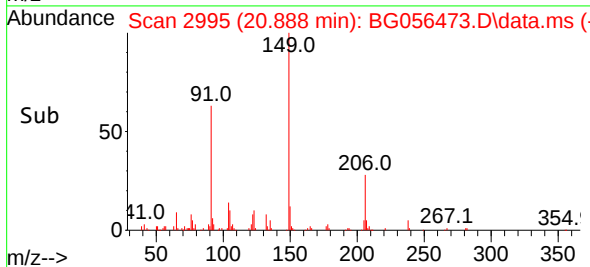
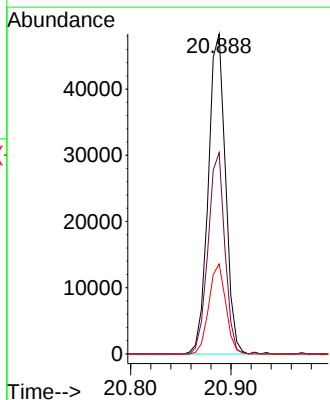
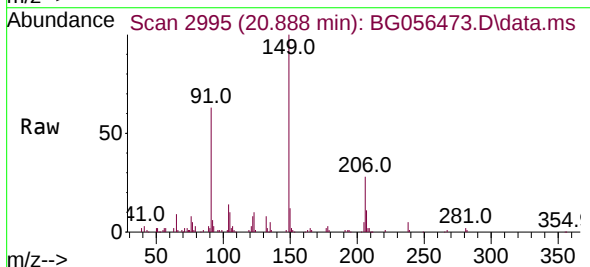
Manual Integrations
 APPROVED

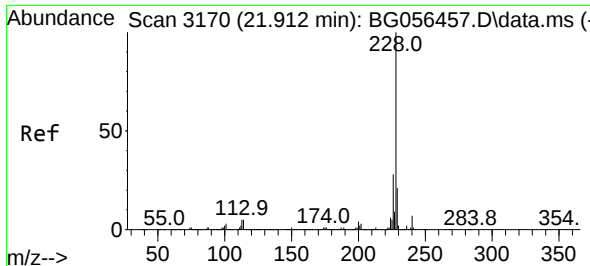
Reviewed By :Christian Giraldo 01/31/2023
 Supervised By :Jagrut Upadhyay 01/31/2023



#80
 Butylbenzylphthalate
 Concen: 9.016 ng
 RT: 20.888 min Scan# 2995
 Delta R.T. -0.002 min
 Lab File: BG056473.D
 Acq: 30 Jan 2023 17:08

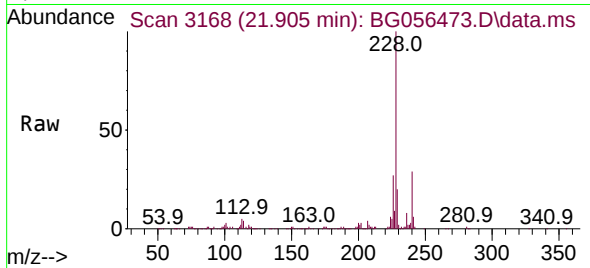
Tgt Ion:149 Resp: 57616
 Ion Ratio Lower Upper
 149 100
 91 62.9 49.4 74.0
 206 28.1 22.0 33.0





#81
Benzo(a)anthracene
Concen: 9.299 ng
RT: 21.905 min Scan# 3170
Delta R.T. -0.008 min
Lab File: BG056473.D
Acq: 30 Jan 2023 17:08

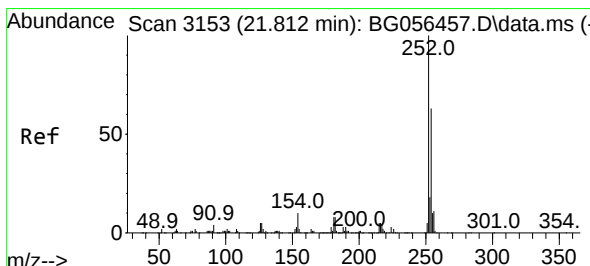
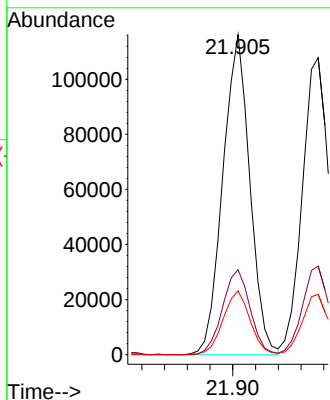
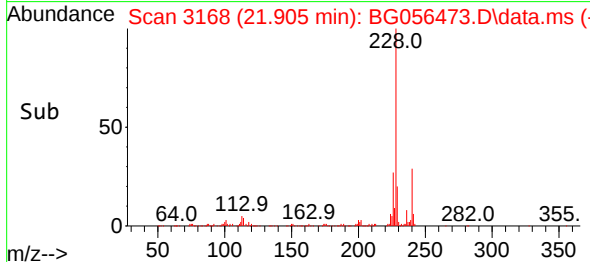
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:228 Resp: 191253
Ion Ratio Lower Upper
228 100
226 26.6 22.4 33.6
229 19.9 16.5 24.7

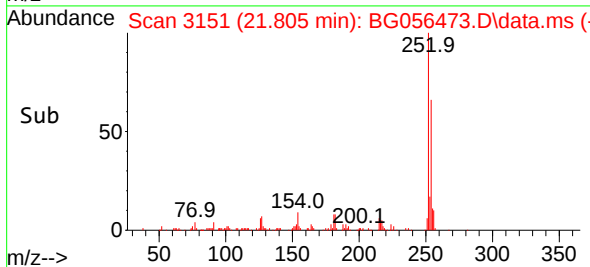
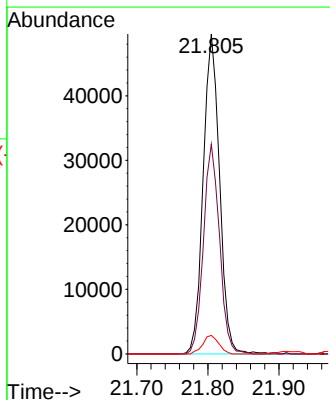
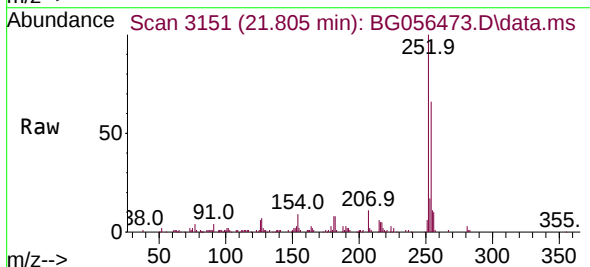
Manual Integrations
APPROVED

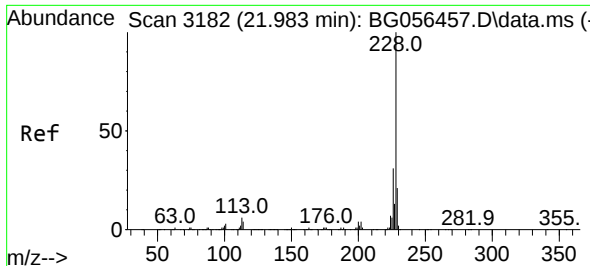
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#82
3,3'-Dichlorobenzidine
Concen: 10.644 ng
RT: 21.805 min Scan# 3151
Delta R.T. -0.007 min
Lab File: BG056473.D
Acq: 30 Jan 2023 17:08

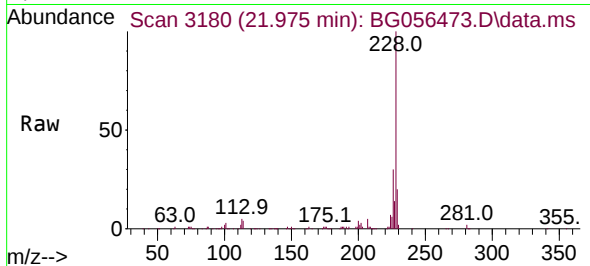
Tgt Ion:252 Resp: 78839
Ion Ratio Lower Upper
252 100
254 65.5 50.0 75.0
126 5.8 4.3 6.5





#83
Chrysene
Concen: 9.263 ng
RT: 21.975 min Scan# 3182
Delta R.T. -0.008 min
Lab File: BG056473.D
Acq: 30 Jan 2023 17:08

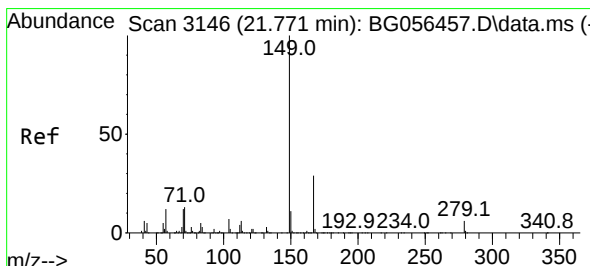
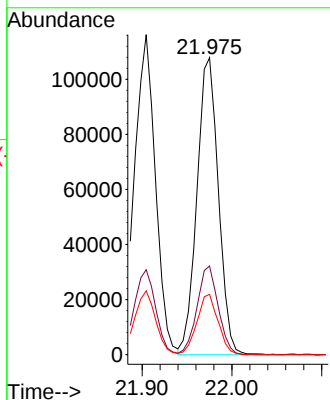
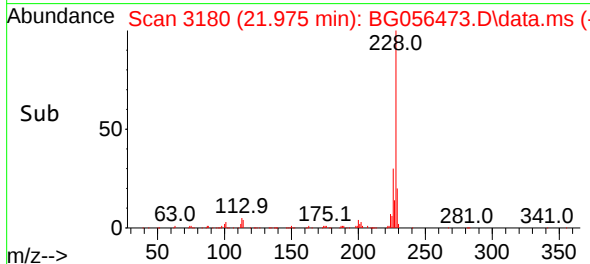
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:228 Resp: 178982
Ion Ratio Lower Upper
228 100
226 29.8 25.0 37.4
229 20.3 16.4 24.6

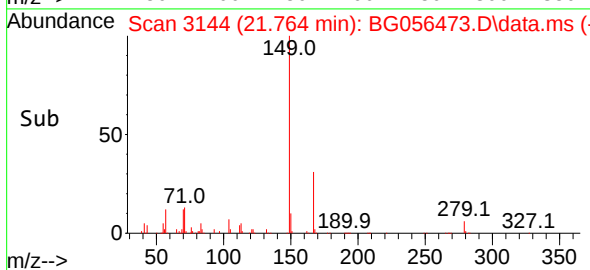
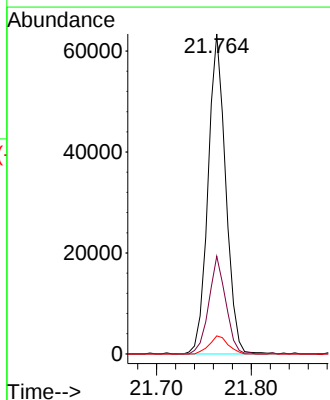
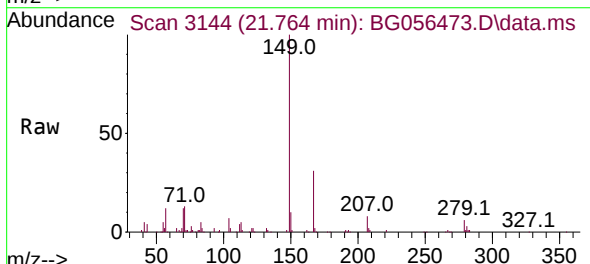
Manual Integrations
APPROVED

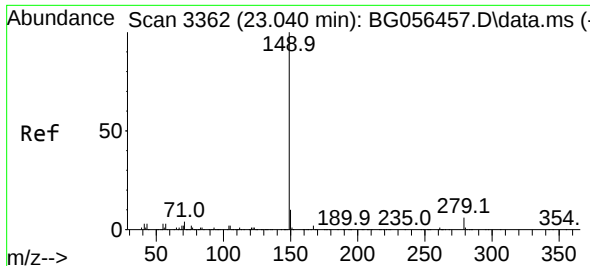
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 8.930 ng
RT: 21.764 min Scan# 3144
Delta R.T. -0.008 min
Lab File: BG056473.D
Acq: 30 Jan 2023 17:08

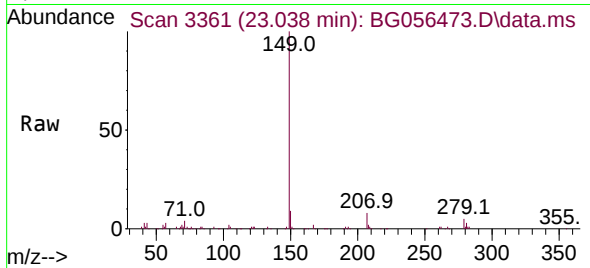
Tgt Ion:149 Resp: 81814
Ion Ratio Lower Upper
149 100
167 30.5 23.4 35.2
279 5.6 4.4 6.6





#85
Di-n-octyl phthalate
Concen: 9.022 ng
RT: 23.038 min Scan# 3362
Delta R.T. -0.002 min
Lab File: BG056473.D
Acq: 30 Jan 2023 17:08

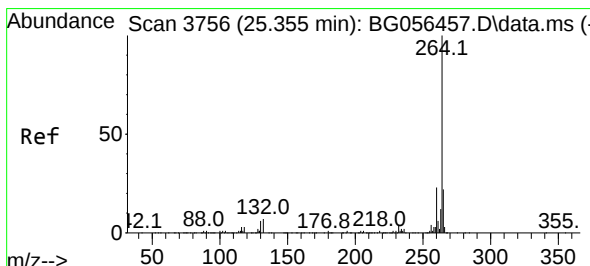
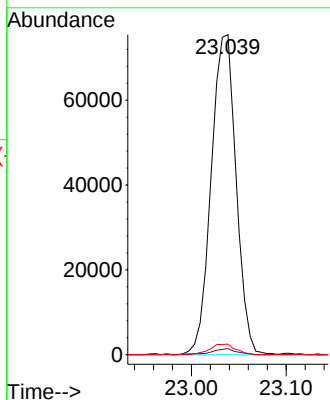
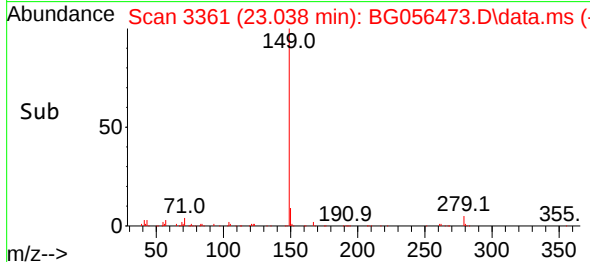
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:149 Resp: 137656
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 3.5 2.7 4.1

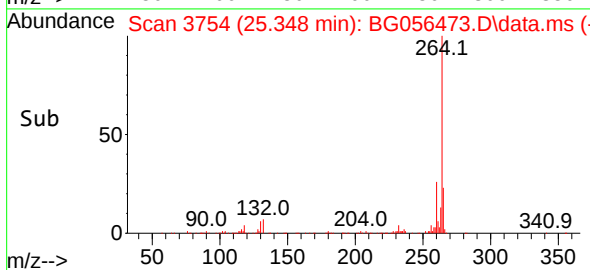
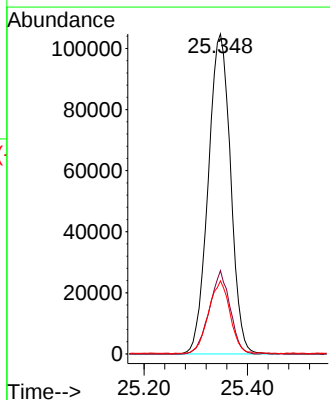
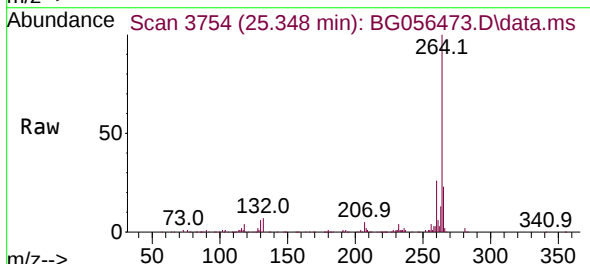
Manual Integrations
APPROVED

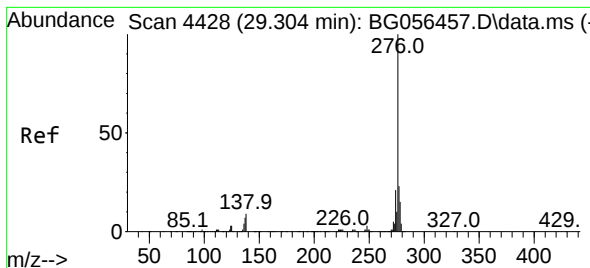
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.348 min Scan# 3754
Delta R.T. -0.008 min
Lab File: BG056473.D
Acq: 30 Jan 2023 17:08

Tgt Ion:264 Resp: 314311
Ion Ratio Lower Upper
264 100
260 26.0 18.2 27.4
265 22.8 18.1 27.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 9.245 ng

RT: 29.272 min Scan# 4428

Delta R.T. -0.031 min

Lab File: BG056473.D

Acq: 30 Jan 2023 17:08

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2022

Tgt Ion:276 Resp: 212709

Ion Ratio Lower Upper

276 100

138 3.9 9.4 14.2

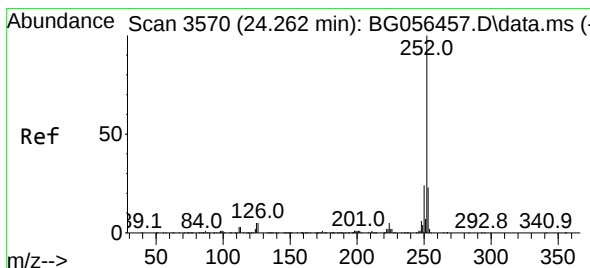
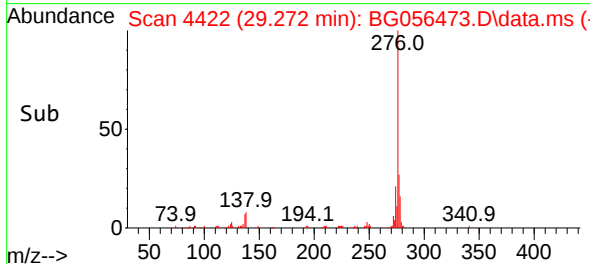
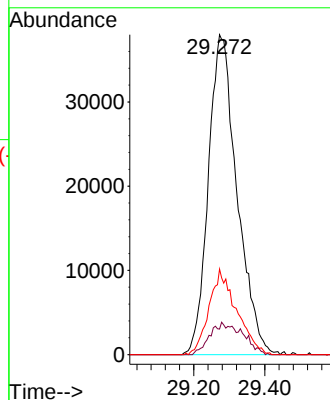
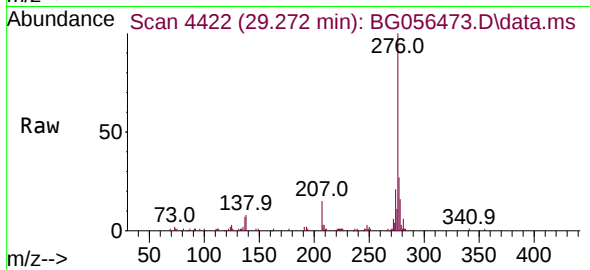
277 25.5 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/31/2023

Supervised By :Jagrut Upadhyay 01/31/2023



#88

Benzo(b)fluoranthene

Concen: 10.112 ng

RT: 24.249 min Scan# 3567

Delta R.T. -0.014 min

Lab File: BG056473.D

Acq: 30 Jan 2023 17:08

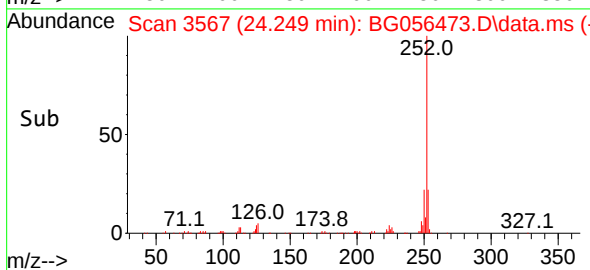
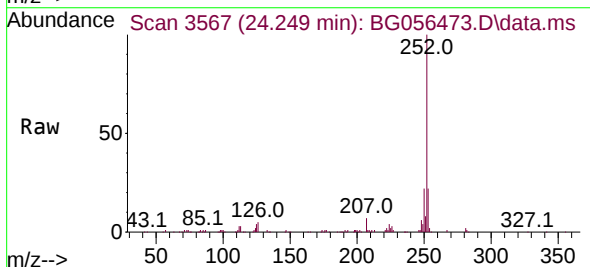
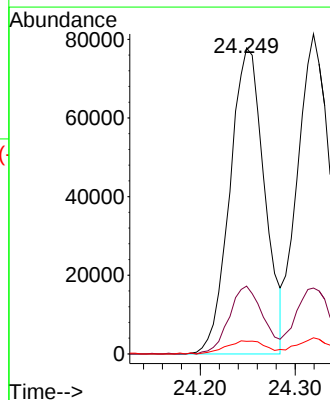
Tgt Ion:252 Resp: 197283

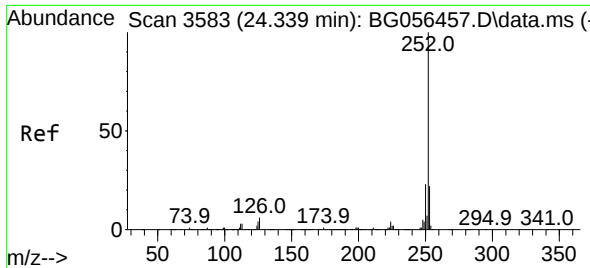
Ion Ratio Lower Upper

252 100

253 22.1 18.1 27.1

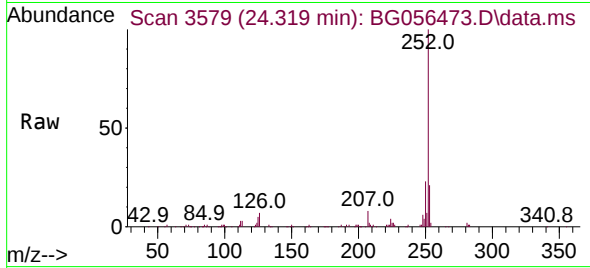
125 4.1 3.9 5.9





#89
Benzo(k)fluoranthene
Concen: 9.921 ng m
RT: 24.319 min Scan# 31
Delta R.T. -0.019 min
Lab File: BG056473.D
Acq: 30 Jan 2023 17:08

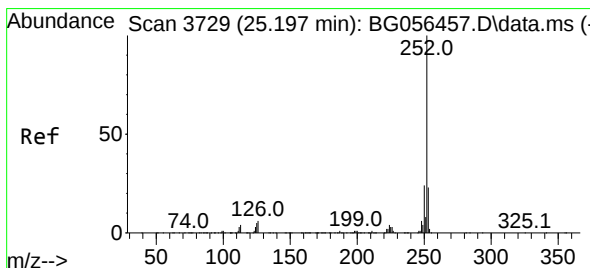
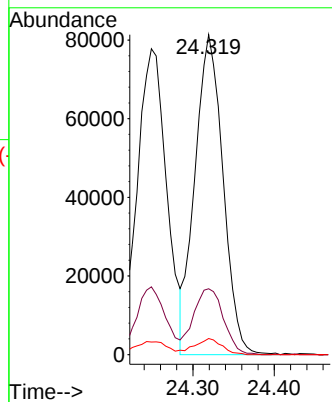
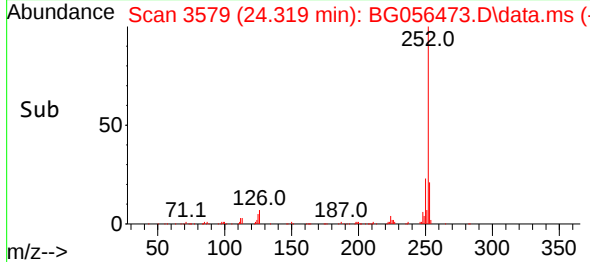
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:252 Resp: 195407
Ion Ratio Lower Upper
252 100
253 20.6 17.5 26.3
125 5.0 3.4 5.0

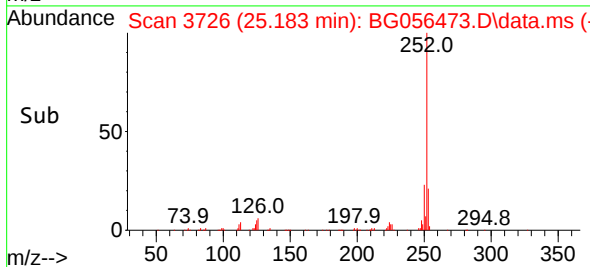
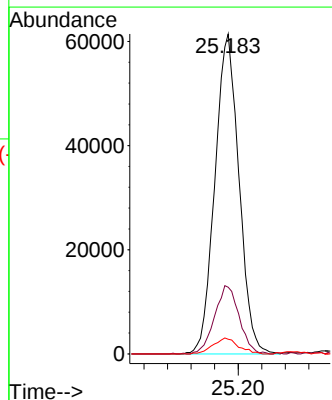
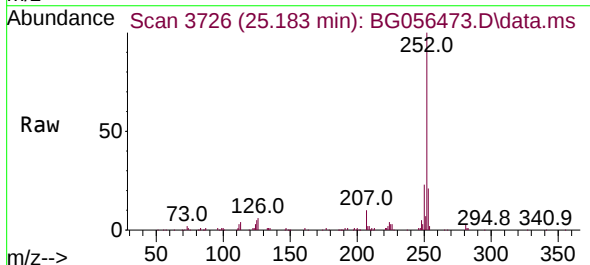
Manual Integrations
APPROVED

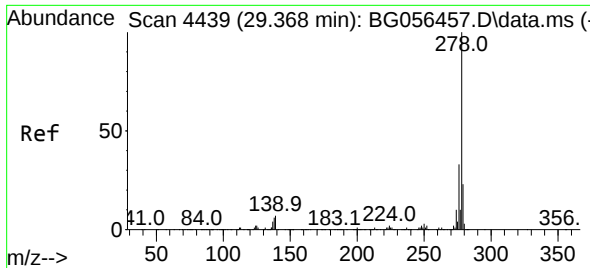
Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#90
Benzo(a)pyrene
Concen: 9.076 ng
RT: 25.183 min Scan# 3726
Delta R.T. -0.014 min
Lab File: BG056473.D
Acq: 30 Jan 2023 17:08

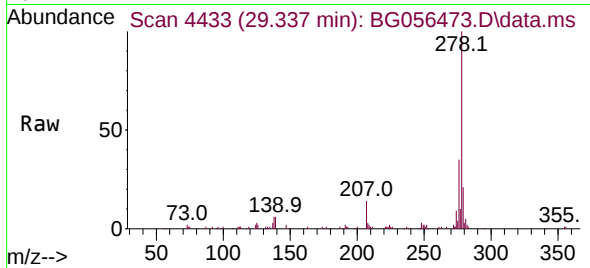
Tgt Ion:252 Resp: 174421
Ion Ratio Lower Upper
252 100
253 20.8 18.4 27.6
125 4.6 4.1 6.1





#91
Dibenzo(a,h)anthracene
Concen: 9.669 ng
RT: 29.337 min Scan# 4433
Delta R.T. -0.031 min
Lab File: BG056473.D
Acq: 30 Jan 2023 17:08

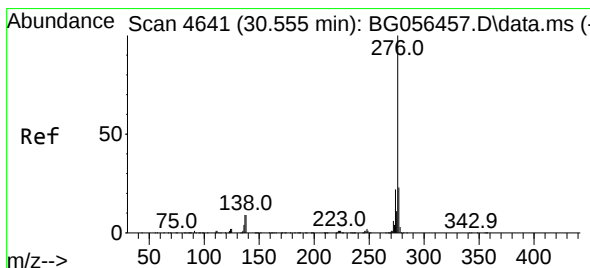
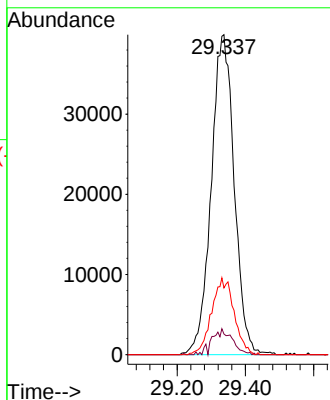
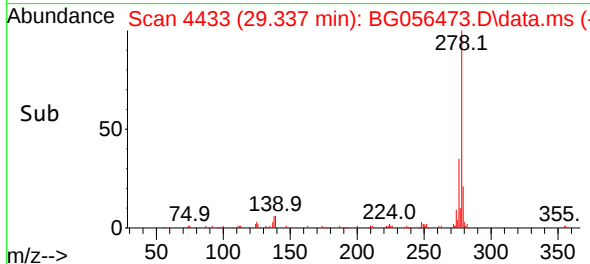
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2022



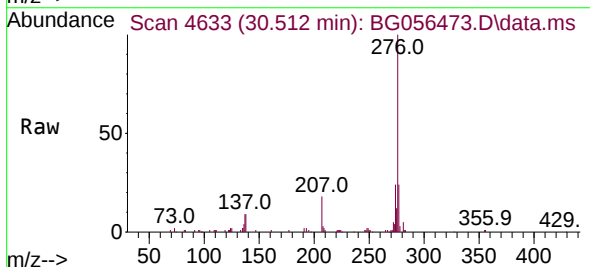
Tgt Ion:278 Resp: 186738
Ion Ratio Lower Upper
278 100
139 6.4 5.5 8.3
279 20.8 18.8 28.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 01/31/2023
Supervised By :Jagrut Upadhyay 01/31/2023



#92
Benzo(g,h,i)perylene
Concen: 9.726 ng
RT: 30.512 min Scan# 4633
Delta R.T. -0.043 min
Lab File: BG056473.D
Acq: 30 Jan 2023 17:08



Tgt Ion:276 Resp: 181234
Ion Ratio Lower Upper
276 100
277 23.9 18.5 27.7
138 9.0 7.4 11.0

