

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051823\
 Data File : BG057456.D
 Acq On : 18 May 2023 11:10
 Operator : CG/JU
 Sample : 02213-08
 Misc : LOQ-WATER-10PPM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT2-2023

Quant Time: May 18 11:44:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 12 22:04:03 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/19/2023
 Supervised By :Jagrut Upadhyay 05/22/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.358	152	17096	20.000	ng	0.00
21) Naphthalene-d8	11.195	136	69031	20.000	ng	0.00
39) Acenaphthene-d10	14.973	164	55853	20.000	ng	0.00
64) Phenanthrene-d10	17.716	188	143384	20.000	ng	0.00
76) Chrysene-d12	22.022	240	134312	20.000	ng	-0.01
86) Perylene-d12	25.523	264	146352	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.873	112	88687	88.739	ng	0.00
7) Phenol-d6	7.500	99	136246	89.775	ng	0.00
23) Nitrobenzene-d5	9.539	82	99850	60.709	ng	0.00
42) 2,4,6-Tribromophenol	16.459	330	76400	96.404	ng	0.00
45) 2-Fluorobiphenyl	13.598	172	273465	65.941	ng	0.00
79) Terphenyl-d14	20.283	244	510419	62.017	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.676	88	3449	8.346	ng	98
3) Pyridine	4.105	79	8838m	6.655	ng	
4) n-Nitrosodimethylamine	4.011	42	3982	6.381	ng	89
6) Aniline	7.671	93	14136	7.342	ng	93
8) 2-Chlorophenol	7.917	128	8370	7.926	ng	94
9) Benzaldehyde	7.489	77	8724	4.674	ng	96
10) Phenol	7.524	94	11239	7.597	ng	96
11) bis(2-Chloroethyl)ether	7.759	93	8392	7.523	ng	96
12) 1,3-Dichlorobenzene	8.246	146	9718	8.338	ng	97
13) 1,4-Dichlorobenzene	8.393	146	9783	8.356	ng	89
14) 1,2-Dichlorobenzene	8.722	146	9092	8.044	ng	94
15) Benzyl Alcohol	8.599	79	7938	6.279	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.881	45	10195	7.251	ng	96
17) 2-Methylphenol	8.799	107	7468	7.003	ng	95
18) Hexachloroethane	9.456	117	3369	7.974	ng	# 90
19) n-Nitroso-di-n-propyla...	9.157	70	7650	6.611	ng	# 93
20) 3+4-Methylphenols	9.122	107	10548	7.223	ng	85
22) Acetophenone	9.186	105	15240	7.713	ng	# 93
24) Nitrobenzene	9.580	77	11729	7.065	ng	91
25) Isophorone	10.097	82	21975	6.890	ng	100
26) 2-Nitrophenol	10.302	139	4817	7.581	ng	88
27) 2,4-Dimethylphenol	10.338	122	8769	7.881	ng	99
28) bis(2-Chloroethoxy)met...	10.573	93	11971	7.492	ng	97
29) 2,4-Dichlorophenol	10.849	162	9109	7.719	ng	91
30) 1,2,4-Trichlorobenzene	11.054	180	11328	8.322	ng	94
31) Naphthalene	11.248	128	29652	8.035	ng	99
32) Benzoic acid	10.526	122	701m	5.702	ng	
33) 4-Chloroaniline	11.348	127	12261	7.398	ng	# 90
34) Hexachlorobutadiene	11.518	225	8158	8.077	ng	97
35) Caprolactam	12.094	113	2957	7.335	ng	95
36) 4-Chloro-3-methylphenol	12.447	107	10395	7.751	ng	97
37) 2-Methylnaphthalene	12.828	142	22708	7.826	ng	93
38) 1-Methylnaphthalene	13.046	142	21174m	7.742	ng	
40) 1,2,4,5-Tetrachloroben...	13.187	216	16067	8.103	ng	98
41) Hexachlorocyclopentadiene	13.157	237	2138	8.362	ng	91
43) 2,4,6-Trichlorophenol	13.428	196	8731	7.228	ng	97

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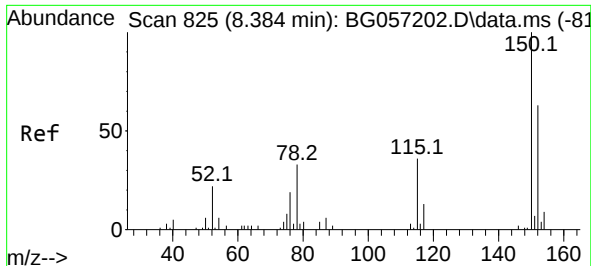
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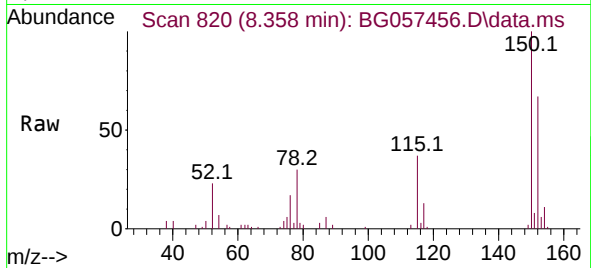
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.504	196	10116	7.119	ng	94
46) 1,1'-Biphenyl	13.809	154	32731	7.897	ng	98
47) 2-Chloronaphthalene	13.862	162	24905	8.081	ng	96
48) 2-Nitroaniline	14.062	65	6908	6.592	ng	96
49) Acenaphthylene	14.702	152	38447	7.679	ng	99
50) Dimethylphthalate	14.409	163	33263	7.247	ng	98
51) 2,6-Dinitrotoluene	14.538	165	7133	7.612	ng	89
52) Acenaphthene	15.037	154	24449	7.814	ng	95
53) 3-Nitroaniline	14.879	138	6516	6.941	ng	90
54) 2,4-Dinitrophenol	15.113	184	1107	6.707	ng	# 82
55) Dibenzofuran	15.372	168	40083	7.625	ng	94
56) 4-Nitrophenol	15.202	139	3567	5.713	ng	# 71
57) 2,4-Dinitrotoluene	15.331	165	9776	7.299	ng	# 97
58) Fluorene	16.012	166	33862	7.820	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.601	232	9961m	7.732	ng	
60) Diethylphthalate	15.754	149	33744	7.240	ng	98
61) 4-Chlorophenyl-phenyle...	15.995	204	19760	7.575	ng	94
62) 4-Nitroaniline	16.036	138	7062	7.456	ng	# 85
63) Azobenzene	16.288	77	30928	6.877	ng	97
65) 4,6-Dinitro-2-methylph...	16.100	198	4870	5.689	ng	97
66) n-Nitrosodiphenylamine	16.206	169	28894	7.420	ng	98
67) 4-Bromophenyl-phenylether	16.888	248	12728	7.272	ng	97
68) Hexachlorobenzene	17.023	284	14255	8.381	ng	96
69) Atrazine	17.134	200	12486	8.405	ng	93
70) Pentachlorophenol	17.369	266	7941m	8.101	ng	
71) Phenanthrene	17.757	178	57419	7.815	ng	98
72) Anthracene	17.845	178	56817	7.536	ng	97
73) Carbazole	18.115	167	48535	7.647	ng	97
74) Di-n-butylphthalate	18.632	149	53631	7.344	ng	# 97
75) Fluoranthene	19.748	202	68059	7.448	ng	98
77) Benzidine	19.913	184	28848	9.607	ng	98
78) Pyrene	20.107	202	71093	7.284	ng	99
80) Butylbenzylphthalate	20.959	149	23122	7.467	ng	97
81) Benzo(a)anthracene	22.004	228	72135	7.538	ng	98
82) 3,3'-Dichlorobenzidine	21.898	252	27467	8.961	ng	97
83) Chrysene	22.075	228	68011	7.554	ng	98
84) Bis(2-ethylhexyl)phtha...	21.846	149	33415	7.293	ng	99
85) Di-n-octyl phthalate	23.138	149	55188	7.225	ng	97
87) Indeno(1,2,3-cd)pyrene	29.570	276	77157	7.234	ng	# 96
88) Benzo(b)fluoranthene	24.401	252	70724	7.393	ng	100
89) Benzo(k)fluoranthene	24.477	252	71859	7.392	ng	99
90) Benzo(a)pyrene	25.358	252	61386	6.568	ng	# 98
91) Dibenzo(a,h)anthracene	29.623	278	64271	7.235	ng	# 97
92) Benzo(g,h,i)perylene	30.833	276	61861	7.132	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.358 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG057456.D
Acq: 18 May 2023 11:10

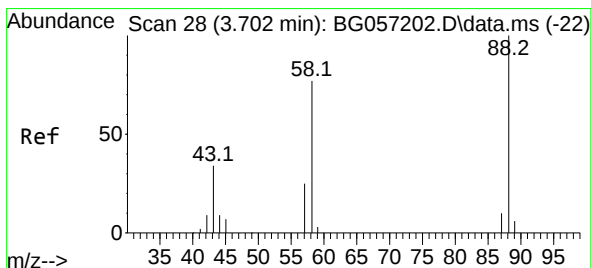
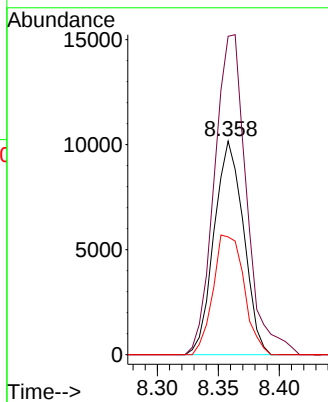
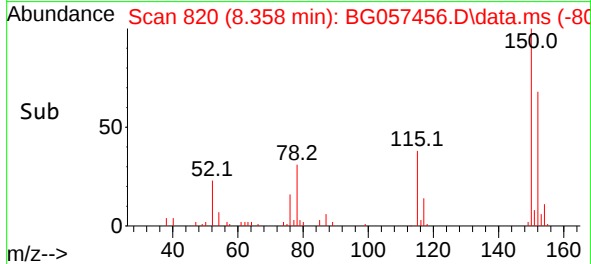
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion:152 Resp: 17090
Ion Ratio Lower Upper
152 100
150 149.0 126.2 189.4
115 55.2 45.0 67.4

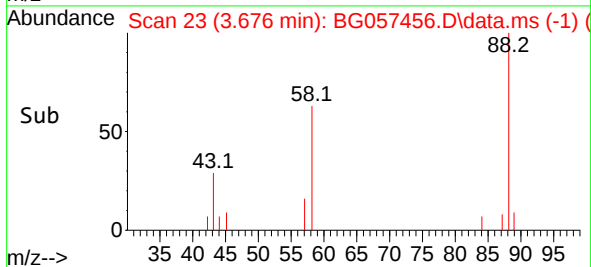
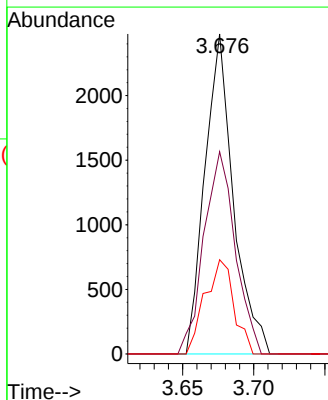
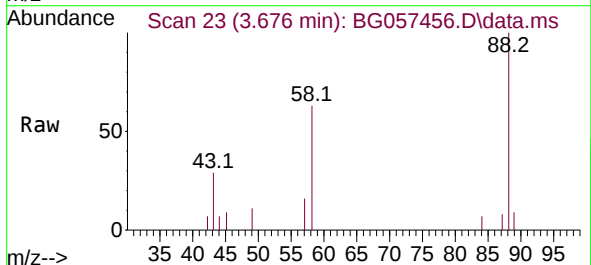
Manual Integrations
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#2
1,4-Dioxane
Concen: 8.346 ng
RT: 3.676 min Scan# 23
Delta R.T. -0.006 min
Lab File: BG057456.D
Acq: 18 May 2023 11:10

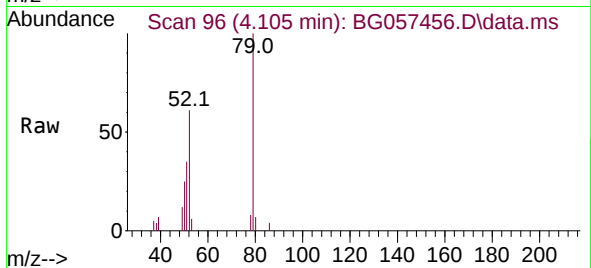
Tgt Ion: 88 Resp: 3449
Ion Ratio Lower Upper
88 100
58 69.4 57.1 85.7
43 29.8 24.4 36.6





#3
Pyridine
Concen: 6.655 ng m
RT: 4.105 min Scan# 90
Delta R.T. 0.000 min
Lab File: BG057456.D
Acq: 18 May 2023 11:10

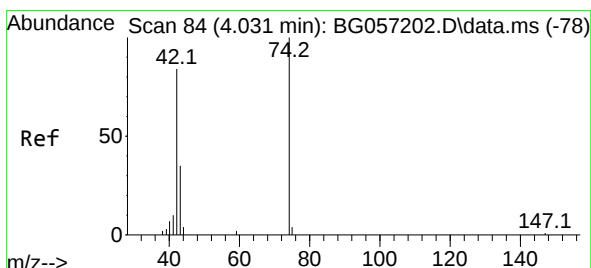
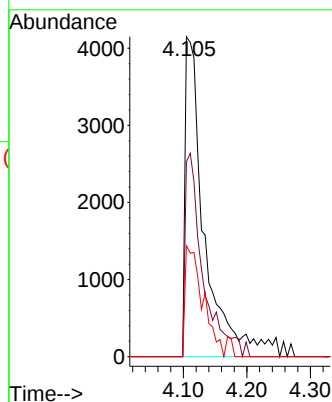
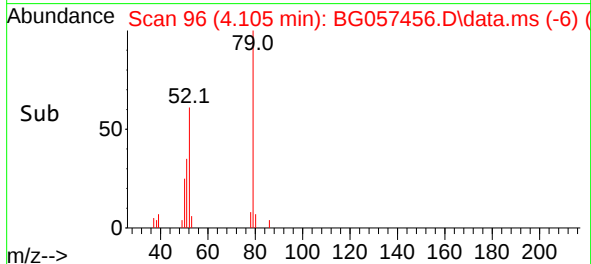
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion: 79 Resp: 8838
Ion Ratio Lower Upper
79 100
52 60.9 51.4 77.0
51 34.6 28.0 42.0

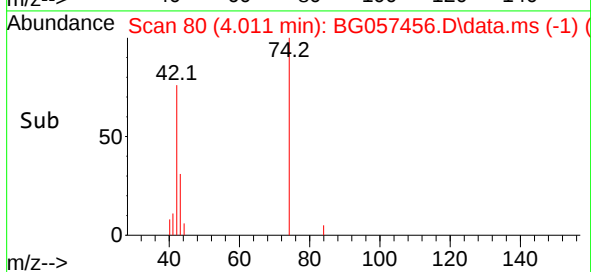
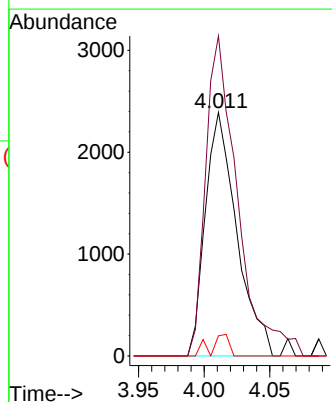
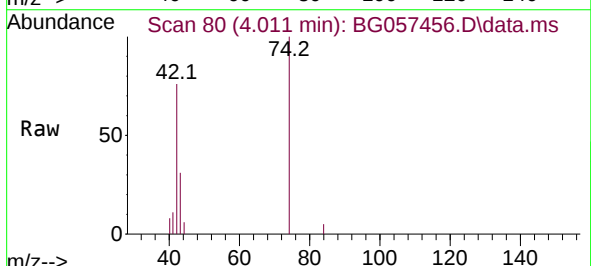
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#4
n-Nitrosodimethylamine
Concen: 6.381 ng
RT: 4.011 min Scan# 80
Delta R.T. 0.000 min
Lab File: BG057456.D
Acq: 18 May 2023 11:10

Tgt Ion: 42 Resp: 3982
Ion Ratio Lower Upper
42 100
74 131.4 95.1 142.7
44 8.3 5.8 8.8





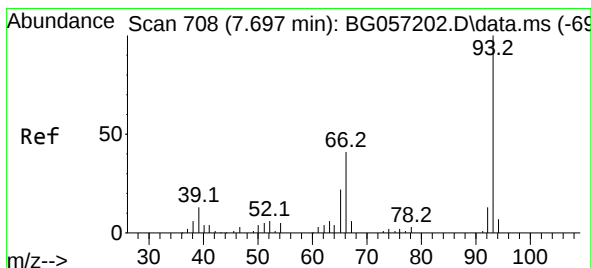
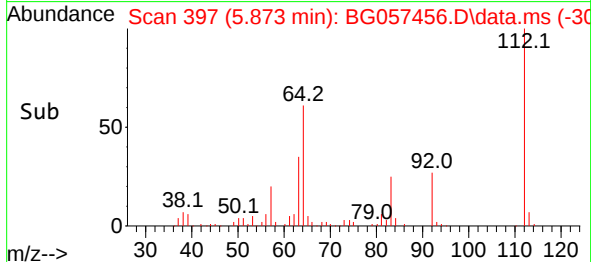
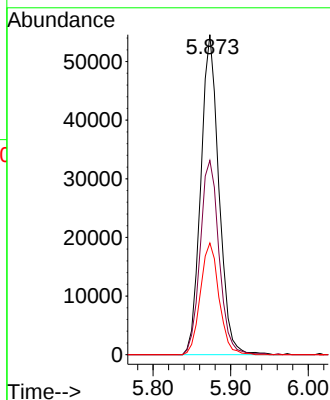
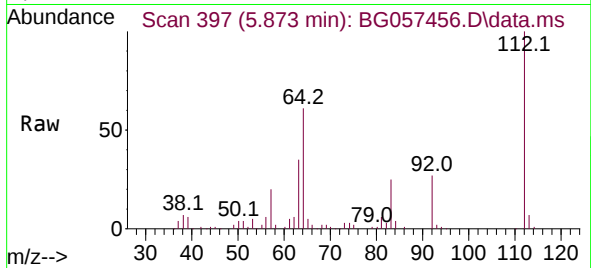
#5
2-Fluorophenol
Concen: 88.739 ng
RT: 5.873 min Scan# 397
Delta R.T. -0.005 min
Lab File: BG057456.D
Acq: 18 May 2023 11:10

Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023

Tgt Ion:112 Resp: 8868
Ion Ratio Lower Upper
112 100
64 60.7 49.4 74.2
63 34.9 31.6 47.4

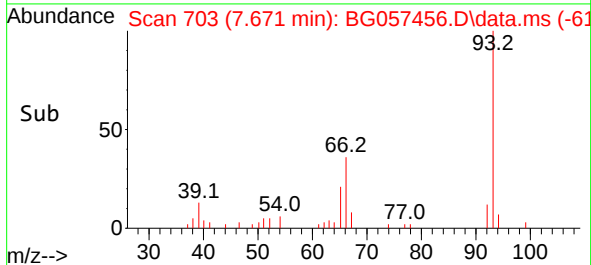
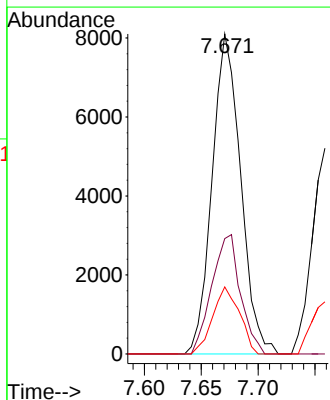
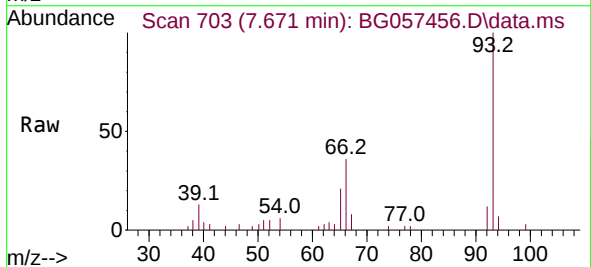
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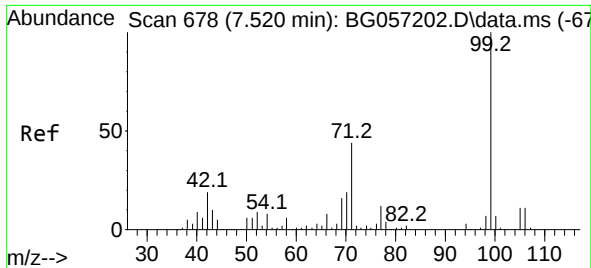
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#6
Aniline
Concen: 7.342 ng
RT: 7.671 min Scan# 703
Delta R.T. -0.005 min
Lab File: BG057456.D
Acq: 18 May 2023 11:10

Tgt Ion: 93 Resp: 14136
Ion Ratio Lower Upper
93 100
66 36.1 33.0 49.6
65 21.0 18.0 27.0





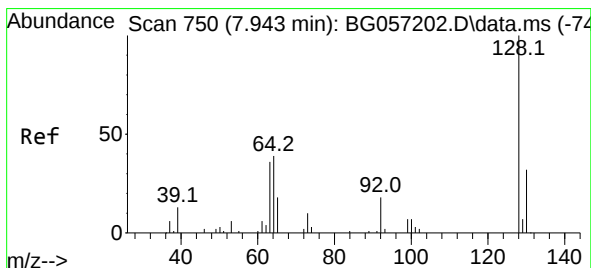
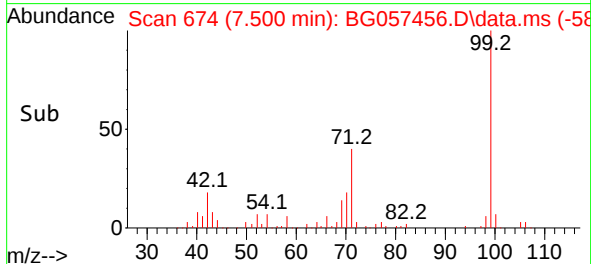
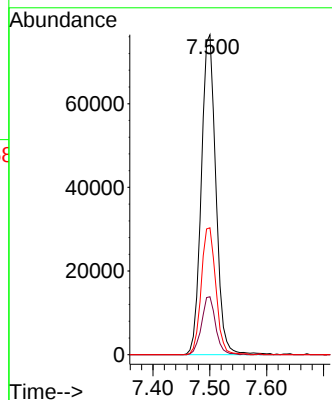
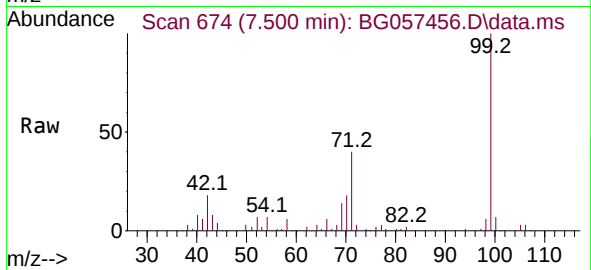
#7
Phenol-d6
Concen: 89.775 ng
RT: 7.500 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG057456.D
Acq: 18 May 2023 11:10

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023

Tgt Ion: 99 Resp: 136240
Ion Ratio Lower Upper
99 100
42 18.1 15.1 22.7
71 39.7 35.2 52.8

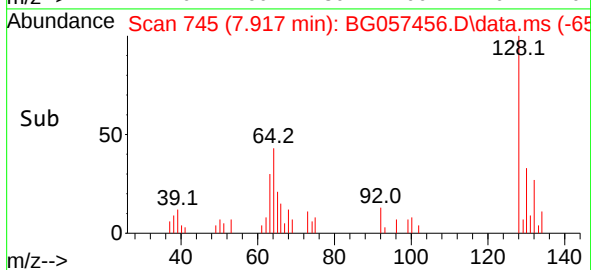
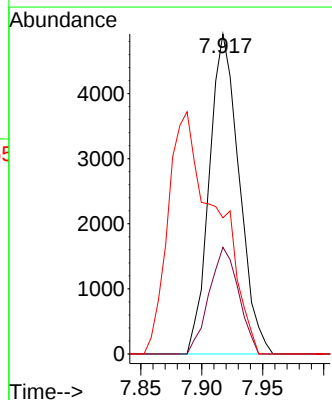
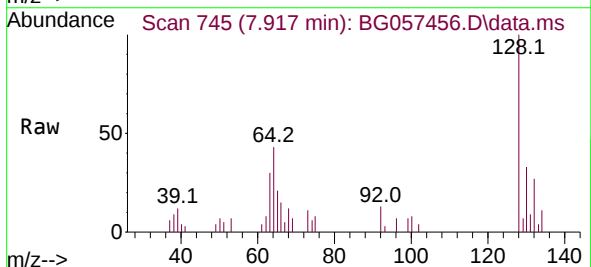
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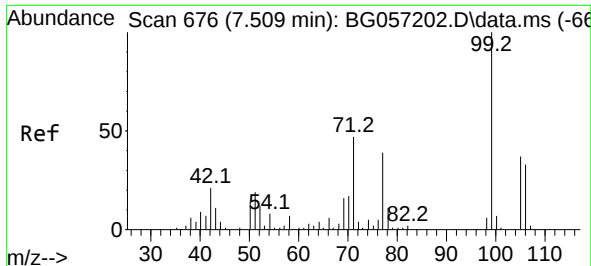
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#8
2-Chlorophenol
Concen: 7.926 ng
RT: 7.917 min Scan# 745
Delta R.T. -0.005 min
Lab File: BG057456.D
Acq: 18 May 2023 11:10

Tgt Ion:128 Resp: 8370
Ion Ratio Lower Upper
128 100
130 33.4 12.2 52.2
64 42.5 28.4 68.4





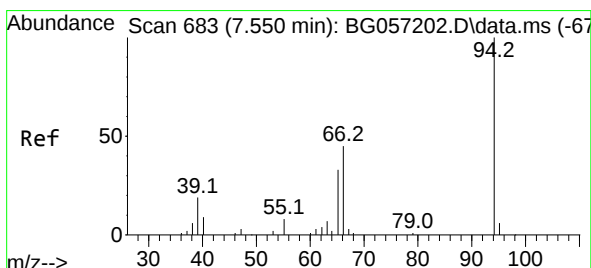
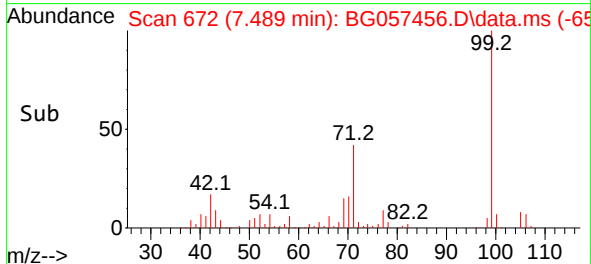
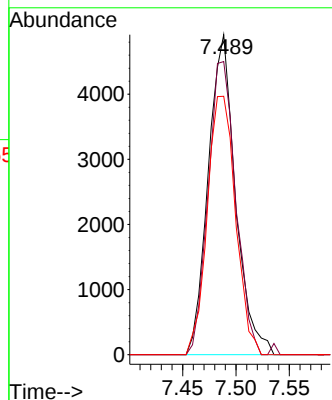
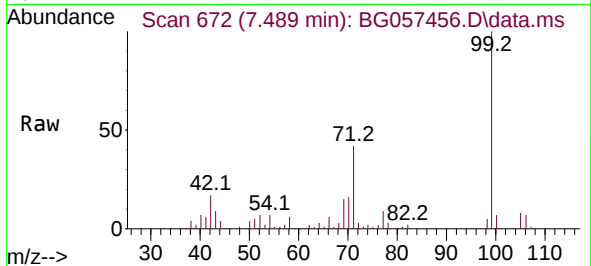
#9
Benzaldehyde
Concen: 4.674 ng
RT: 7.489 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG057456.D
Acq: 18 May 2023 11:10

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023

Tgt Ion: 77 Resp: 8724
Ion Ratio Lower Upper
77 100
105 91.6 74.6 114.6
106 80.8 66.3 106.3

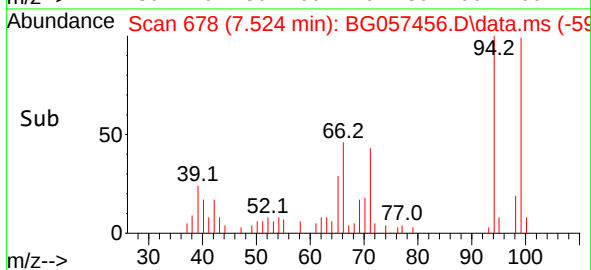
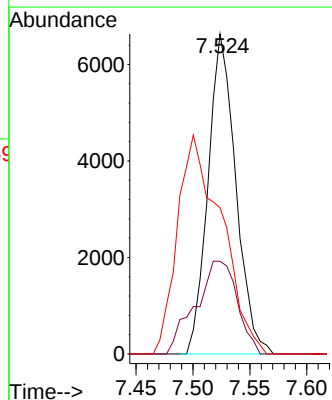
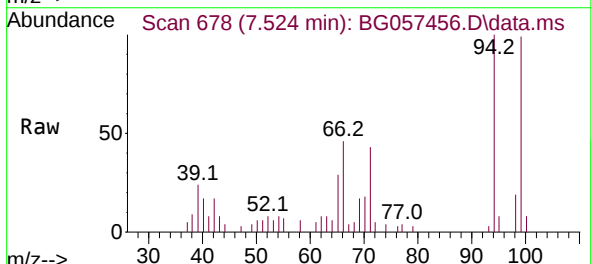
Manual Integrations
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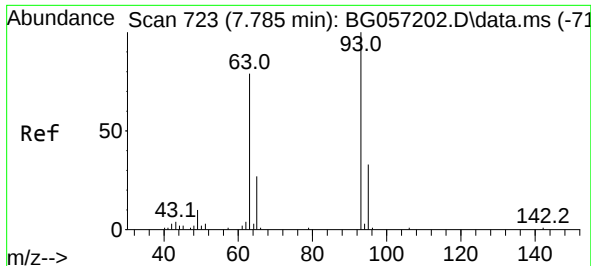
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#10
Phenol
Concen: 7.597 ng
RT: 7.524 min Scan# 678
Delta R.T. -0.011 min
Lab File: BG057456.D
Acq: 18 May 2023 11:10

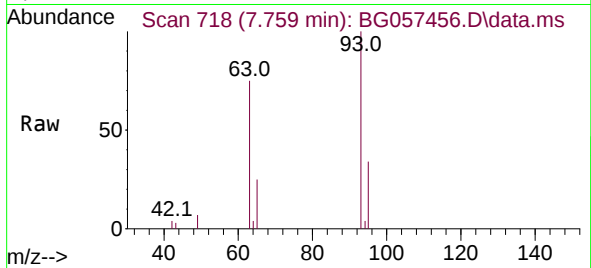
Tgt Ion: 94 Resp: 11239
Ion Ratio Lower Upper
94 100
65 28.9 13.5 53.5
66 45.7 26.7 66.7





#11
bis(2-Chloroethyl)ether
Concen: 7.523 ng
RT: 7.759 min Scan# 718
Delta R.T. -0.005 min
Lab File: BG057456.D
Acq: 18 May 2023 11:10

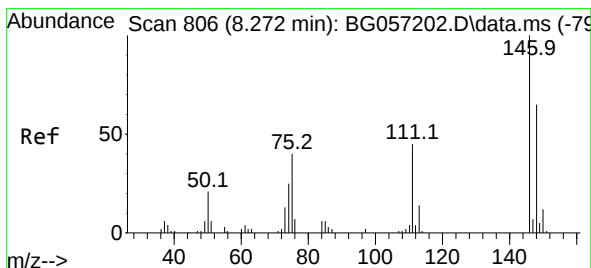
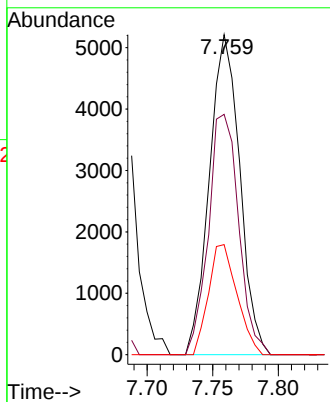
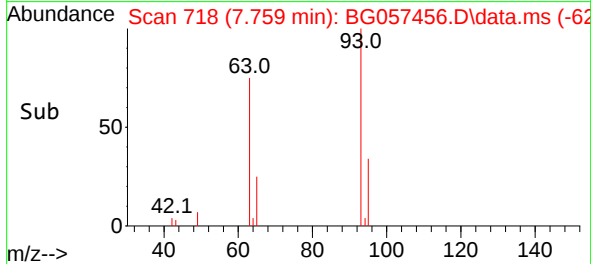
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion: 93 Resp: 8392
Ion Ratio Lower Upper
93 100
63 75.1 58.6 98.6
95 34.4 12.2 52.2

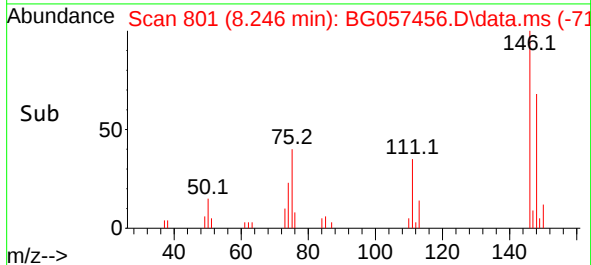
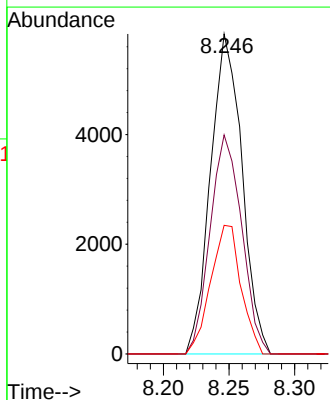
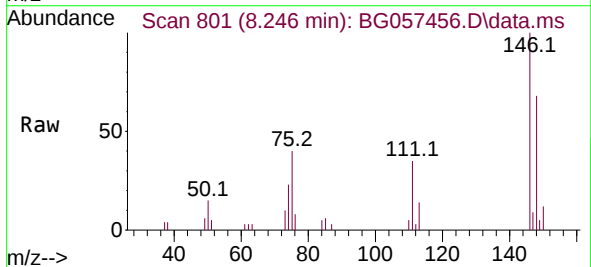
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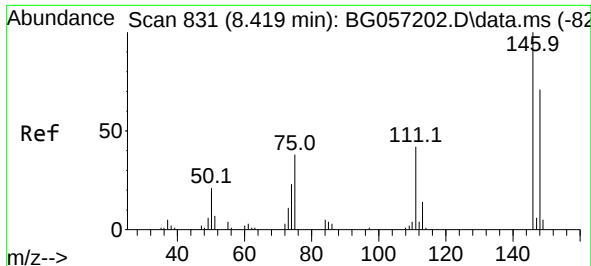
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#12
1,3-Dichlorobenzene
Concen: 8.338 ng
RT: 8.246 min Scan# 801
Delta R.T. -0.005 min
Lab File: BG057456.D
Acq: 18 May 2023 11:10

Tgt Ion:146 Resp: 9718
Ion Ratio Lower Upper
146 100
148 68.5 52.2 78.2
75 40.2 31.7 47.5





#13

1,4-Dichlorobenzene

Concen: 8.356 ng

RT: 8.393 min Scan# 81

Delta R.T. -0.005 min

Lab File: BG057456.D

Acq: 18 May 2023 11:10

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT2-2023

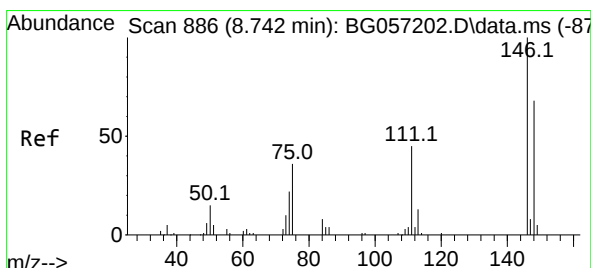
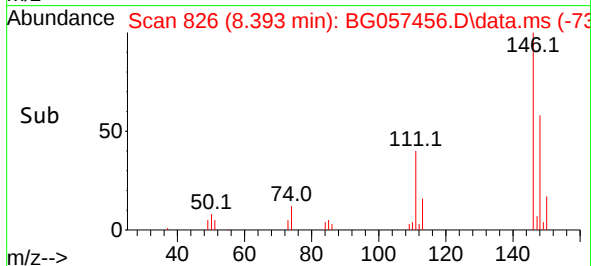
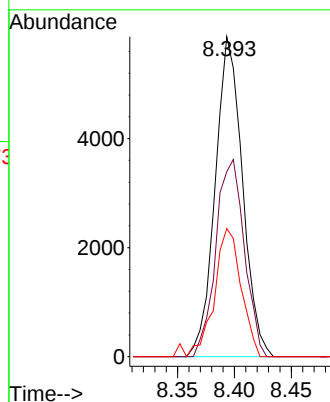
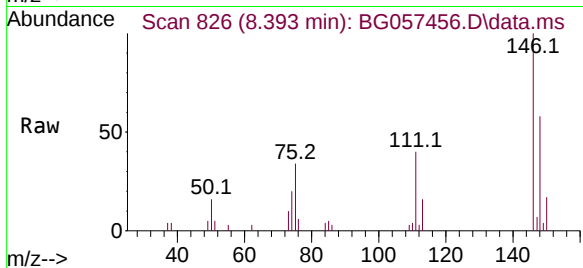
Tgt Ion:146 Resp: 978

Ion	Ratio	Lower	Upper
146	100		
148	57.8	56.4	84.6
111	40.0	33.8	50.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#14

1,2-Dichlorobenzene

Concen: 8.044 ng

RT: 8.722 min Scan# 882

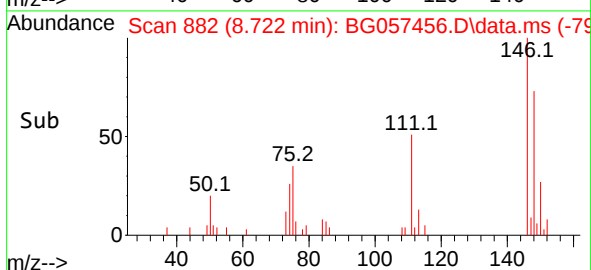
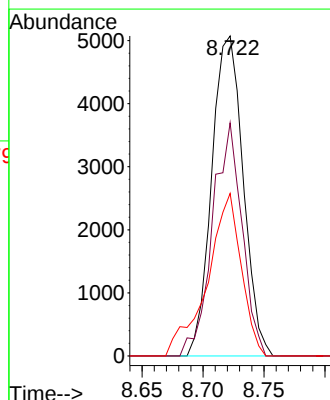
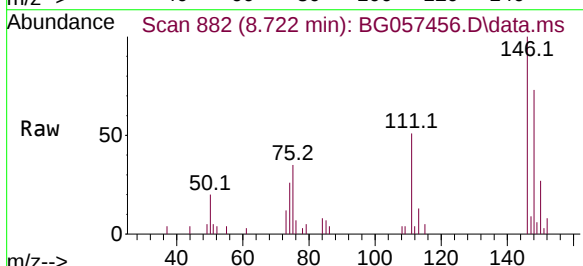
Delta R.T. -0.005 min

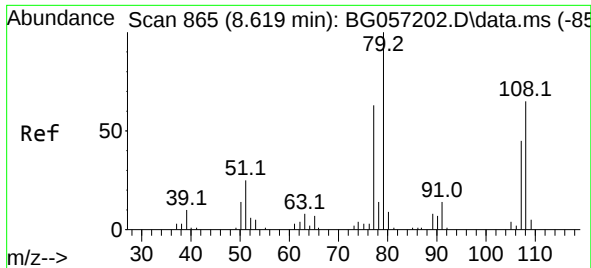
Lab File: BG057456.D

Acq: 18 May 2023 11:10

Tgt Ion:146 Resp: 9092

Ion	Ratio	Lower	Upper
146	100		
148	72.8	54.6	82.0
111	50.8	37.2	55.8





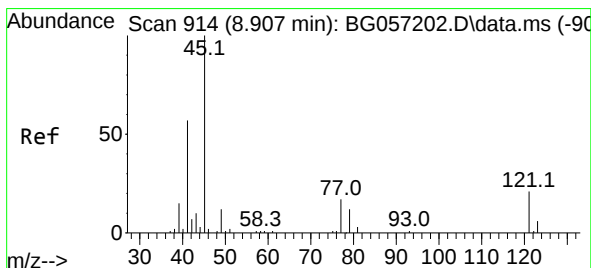
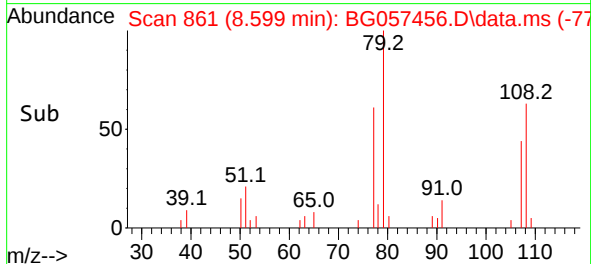
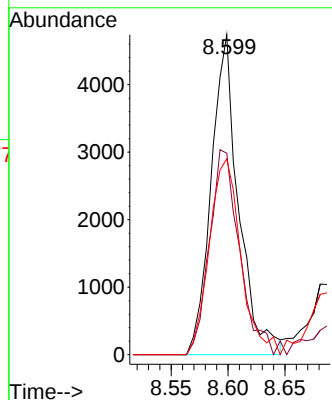
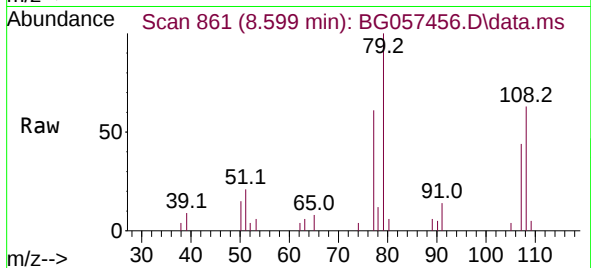
#15
Benzyl Alcohol
Concen: 6.279 ng
RT: 8.599 min Scan# 80
Delta R.T. 0.000 min
Lab File: BG057456.D
Acq: 18 May 2023 11:10

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023

Tgt Ion: 79 Resp: 7938
Ion Ratio Lower Upper
79 100
108 62.9 52.2 78.2
77 61.2 50.1 75.1

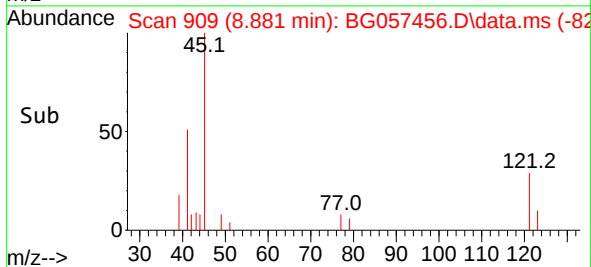
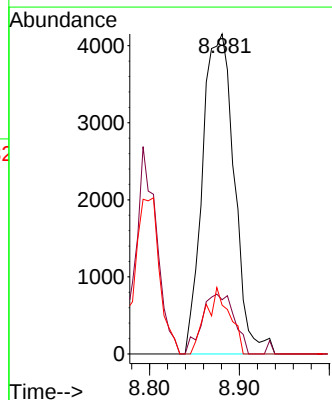
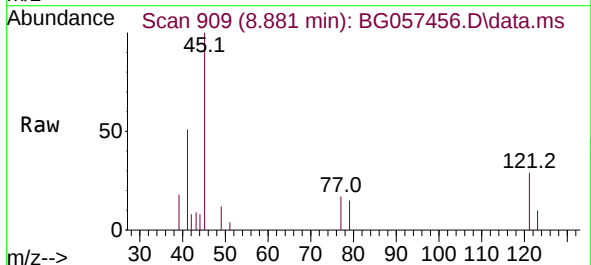
Manual Integrations
APPROVED

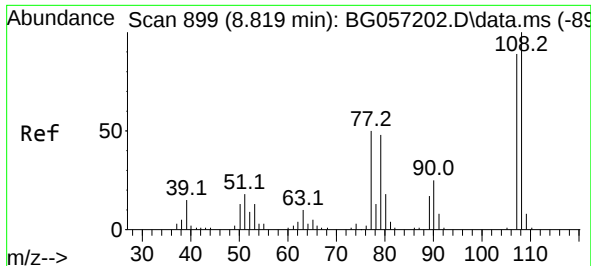
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 7.251 ng
RT: 8.881 min Scan# 909
Delta R.T. -0.005 min
Lab File: BG057456.D
Acq: 18 May 2023 11:10

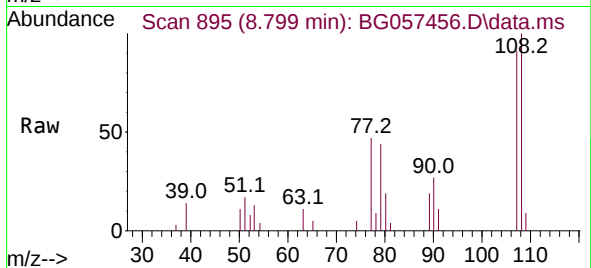
Tgt Ion: 45 Resp: 10195
Ion Ratio Lower Upper
45 100
77 16.9 0.0 38.5
79 15.2 0.0 33.8





#17
2-Methylphenol
Concen: 7.003 ng
RT: 8.799 min Scan# 899
Delta R.T. -0.005 min
Lab File: BG057456.D
Acq: 18 May 2023 11:10

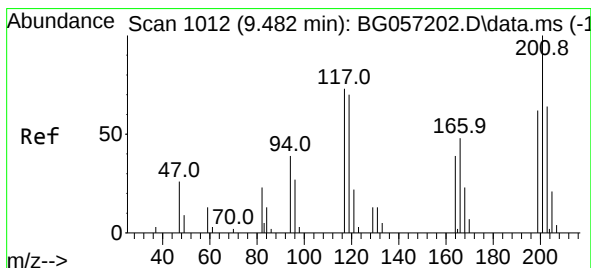
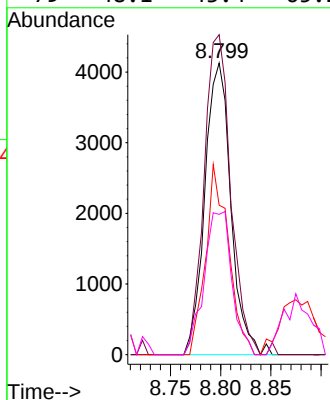
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023



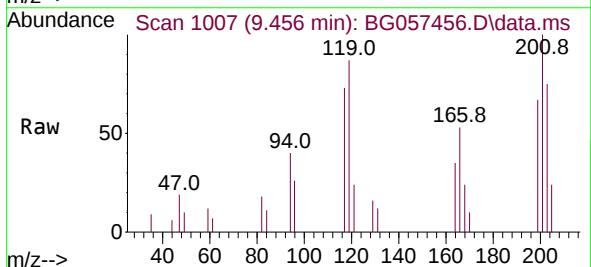
Tgt Ion	Ratio	Lower	Upper
107	100		
108	109.7	89.5	134.3
77	51.2	45.1	67.7
79	48.1	43.4	65.2

Manual Integrations
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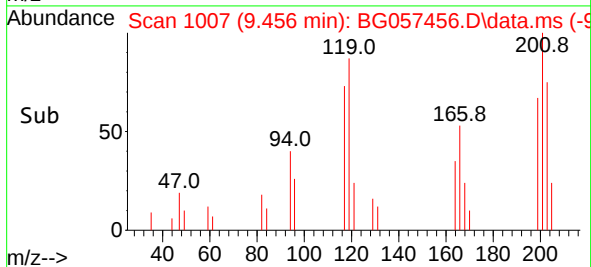
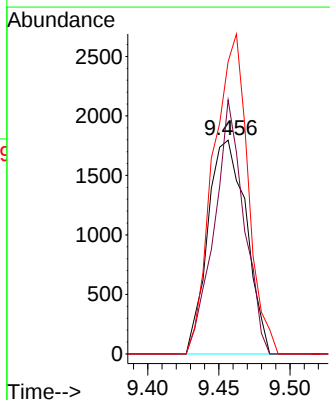
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023

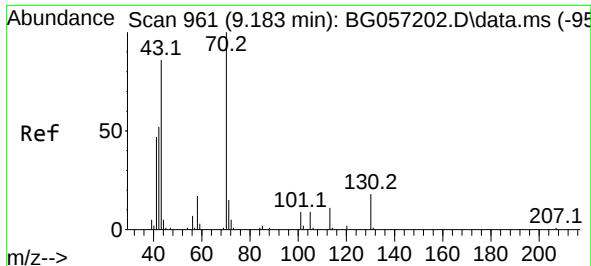


#18
Hexachloroethane
Concen: 7.974 ng
RT: 9.456 min Scan# 1007
Delta R.T. -0.005 min
Lab File: BG057456.D
Acq: 18 May 2023 11:10



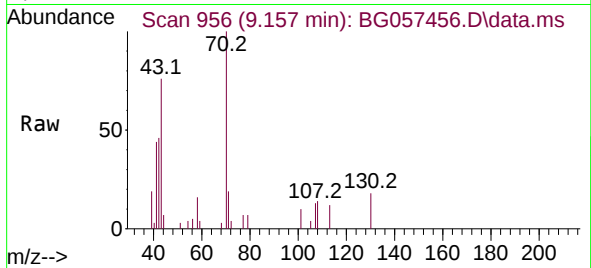
Tgt Ion	Ratio	Lower	Upper
117	100		
119	118.9	76.7	115.1#
201	136.8	109.0	163.4





#19
n-Nitroso-di-n-propylamine
Concen: 6.611 ng
RT: 9.157 min Scan# 915
Delta R.T. -0.011 min
Lab File: BG057456.D
Acq: 18 May 2023 11:10

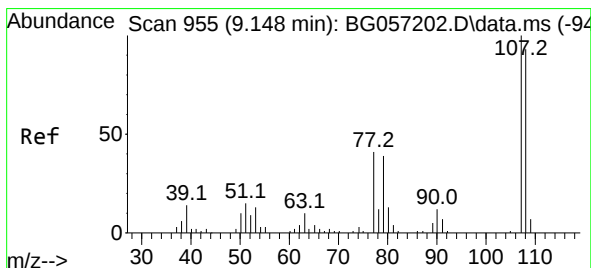
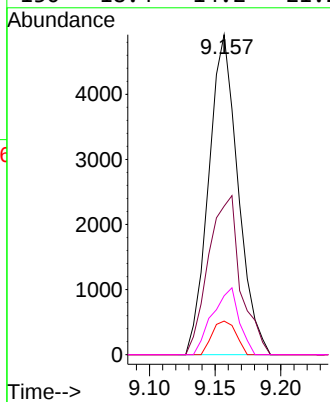
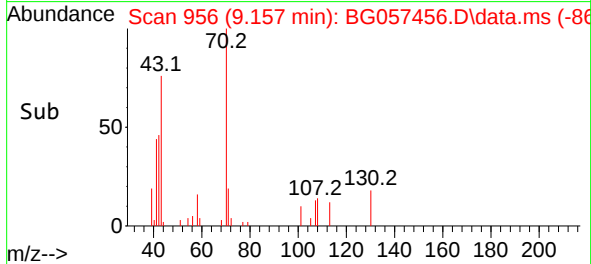
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023



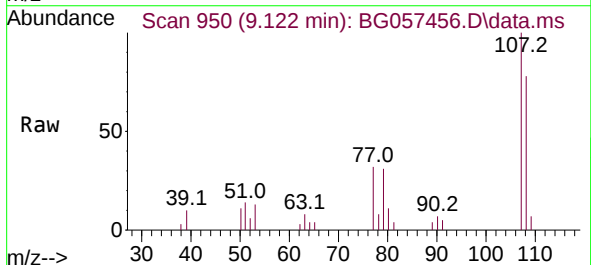
Tgt Ion: 70 Resp: 7650
Ion Ratio Lower Upper
70 100
42 46.4 41.8 62.8
101 10.5 6.8 10.2
130 18.4 14.2 21.2

Manual Integrations
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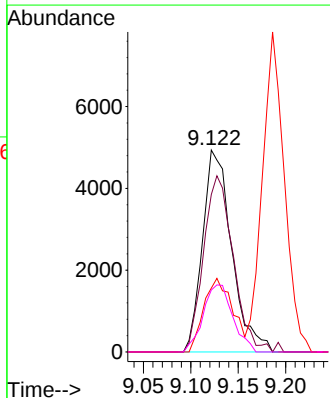
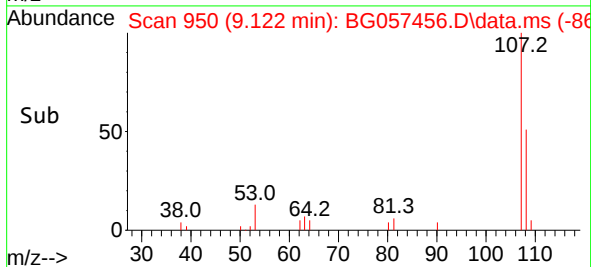
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023

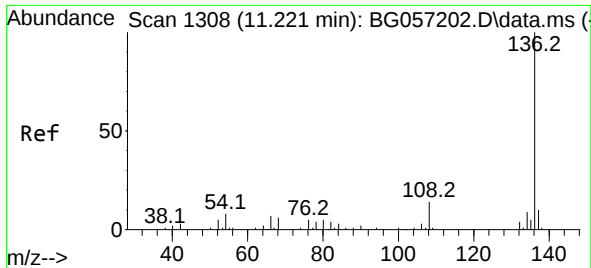


#20
3+4-Methylphenols
Concen: 7.223 ng
RT: 9.122 min Scan# 950
Delta R.T. -0.011 min
Lab File: BG057456.D
Acq: 18 May 2023 11:10



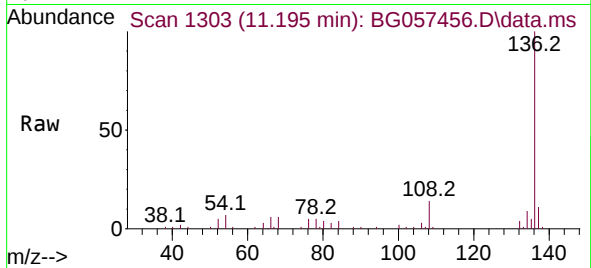
Tgt Ion:107 Resp: 10548
Ion Ratio Lower Upper
107 100
108 78.0 73.5 113.5
77 31.6 21.1 61.1
79 30.7 18.8 58.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.195 min Scan# 1303
Delta R.T. -0.005 min
Lab File: BG057456.D
Acq: 18 May 2023 11:10

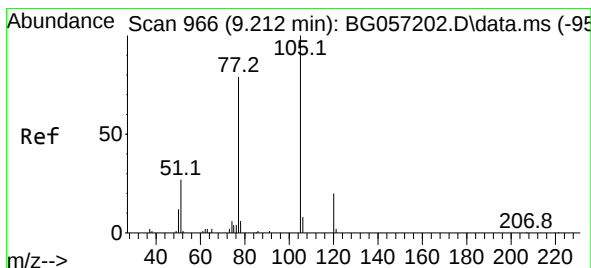
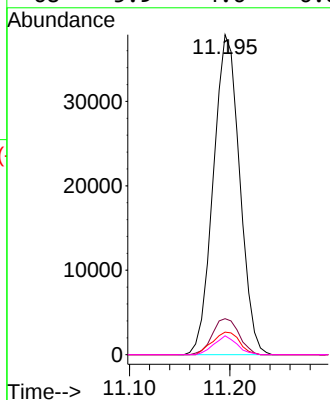
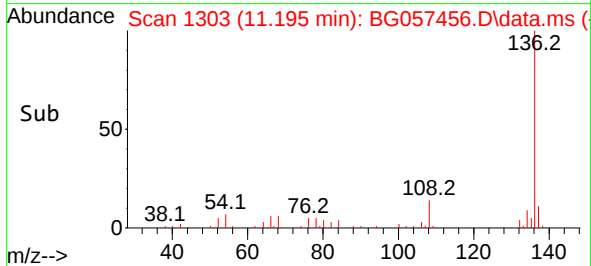
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion:	136	Resp:	6903
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.3	12.5
54	7.1	6.7	10.1
68	5.9	4.6	6.8

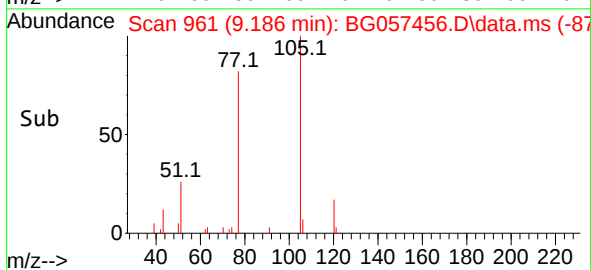
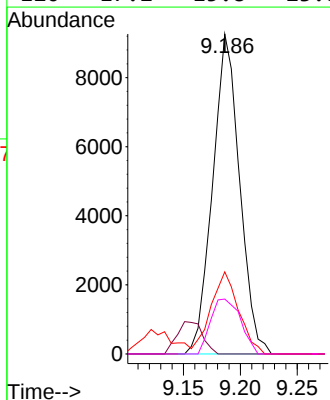
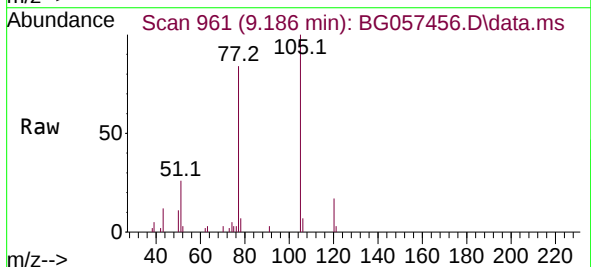
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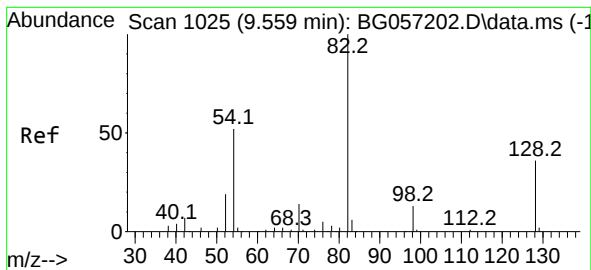
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#22
Acetophenone
Concen: 7.713 ng
RT: 9.186 min Scan# 961
Delta R.T. -0.005 min
Lab File: BG057456.D
Acq: 18 May 2023 11:10

Tgt Ion:	105	Resp:	15240
Ion Ratio	Lower	Upper	
105	100		
71	0.0	0.4	0.6
51	25.7	24.0	36.0
120	17.2	15.8	23.8





#23

Nitrobenzene-d5

Concen: 60.709 ng

RT: 9.539 min Scan# 1021

Delta R.T. -0.006 min

Lab File: BG057456.D

Acq: 18 May 2023 11:10

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT2-2023

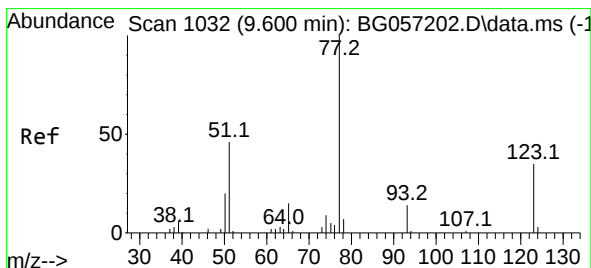
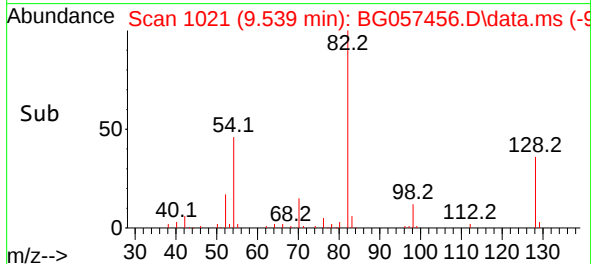
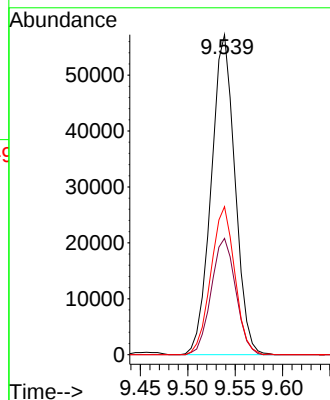
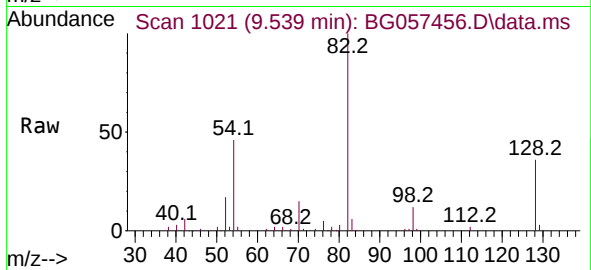
Tgt Ion: 82	Resp: 99850
Ion Ratio	Lower Upper
82 100	
128 36.3	29.0 43.4
54 46.2	41.4 62.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/19/2023

Supervised By :Jagrut Upadhyay 05/22/2023



#24

Nitrobenzene

Concen: 7.065 ng

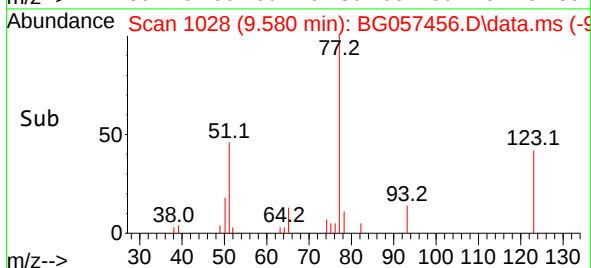
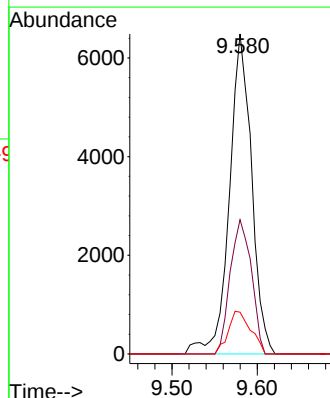
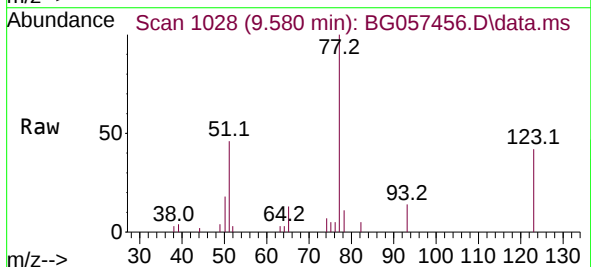
RT: 9.580 min Scan# 1028

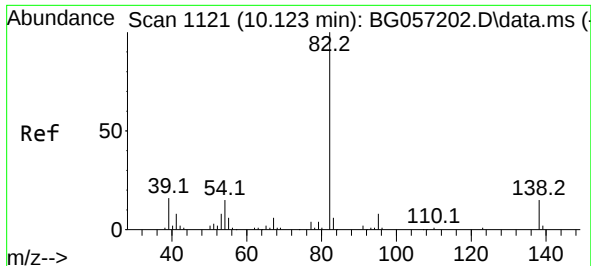
Delta R.T. -0.005 min

Lab File: BG057456.D

Acq: 18 May 2023 11:10

Tgt Ion: 77	Resp: 11729
Ion Ratio	Lower Upper
77 100	
123 41.9	28.2 42.2
65 13.0	11.7 17.5





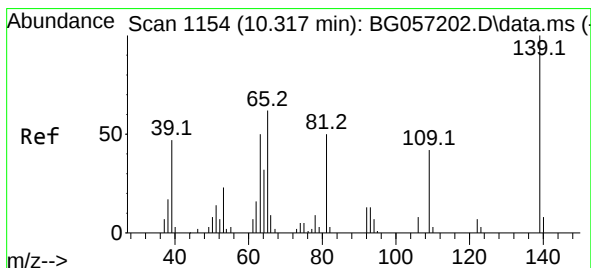
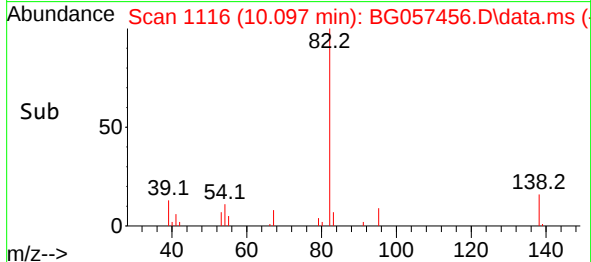
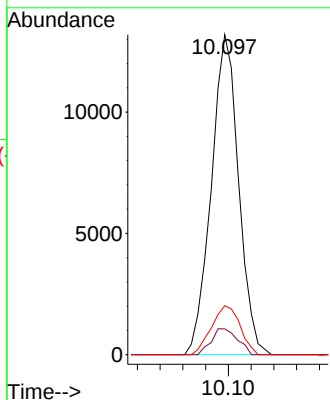
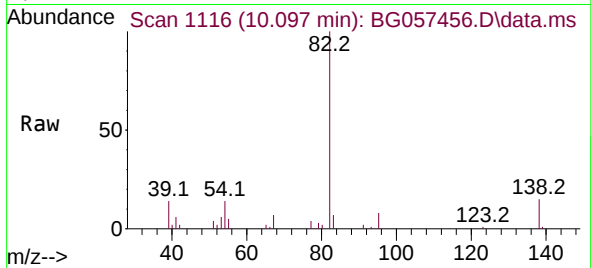
#25
Isophorone
Concen: 6.890 ng
RT: 10.097 min Scan# 1116
Delta R.T. -0.005 min
Lab File: BG057456.D
Acq: 18 May 2023 11:10

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023

Tgt Ion: 82 Resp: 2197
Ion Ratio Lower Upper
82 100
95 8.1 6.4 9.6
138 15.3 12.3 18.5

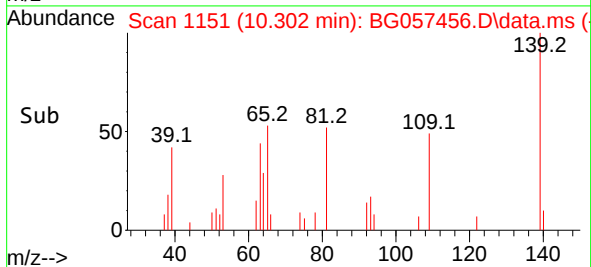
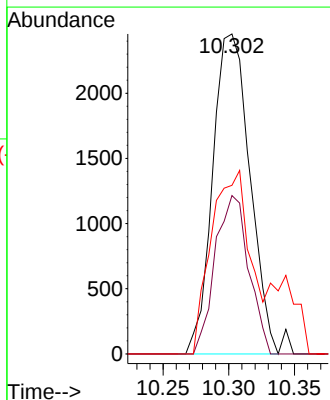
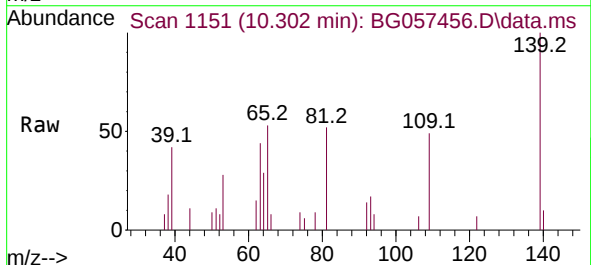
Manual Integrations
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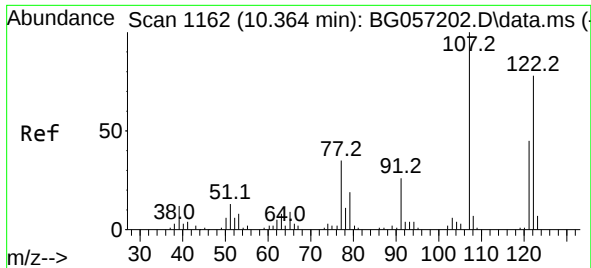
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#26
2-Nitrophenol
Concen: 7.581 ng
RT: 10.302 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BG057456.D
Acq: 18 May 2023 11:10

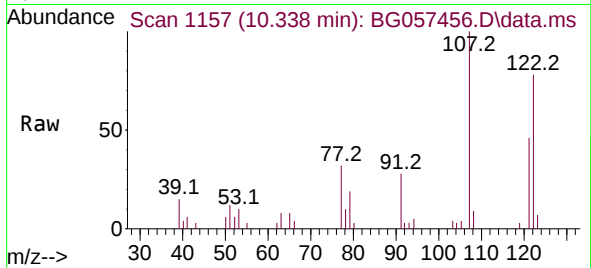
Tgt Ion:139 Resp: 4817
Ion Ratio Lower Upper
139 100
109 49.5 33.4 50.2
65 52.7 49.8 74.6





#27
2,4-Dimethylphenol
Concen: 7.881 ng
RT: 10.338 min Scan# 1162
Delta R.T. -0.005 min
Lab File: BG057456.D
Acq: 18 May 2023 11:10

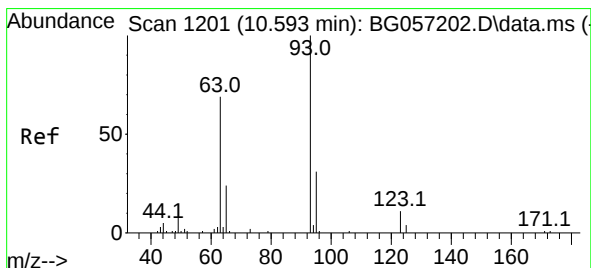
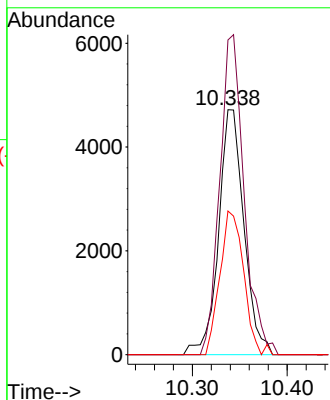
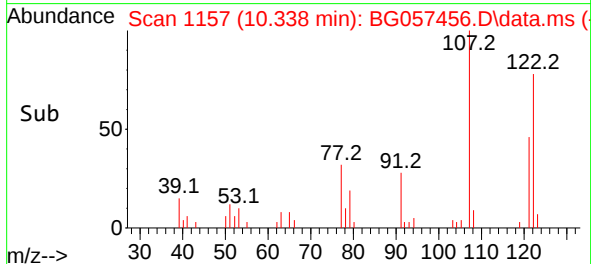
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion:122 Resp: 8769
Ion Ratio Lower Upper
122 100
107 128.5 103.0 154.4
121 58.7 45.9 68.9

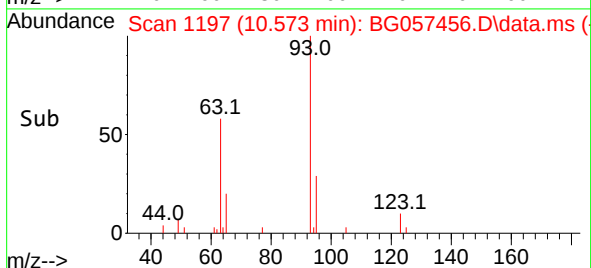
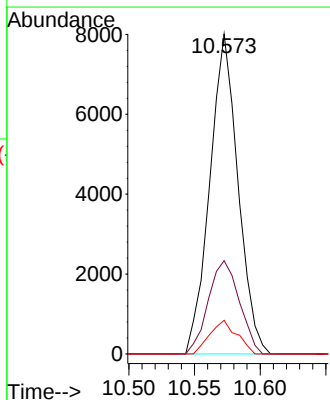
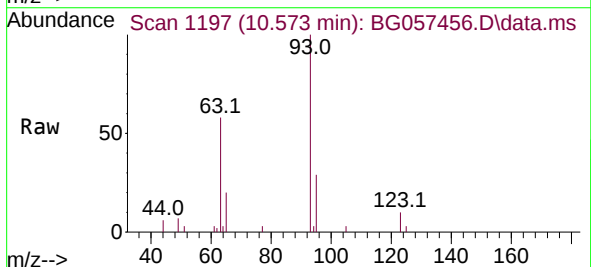
Manual Integrations
APPROVED

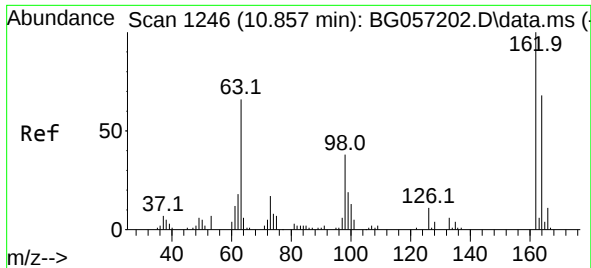
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#28
bis(2-Chloroethoxy)methane
Concen: 7.492 ng
RT: 10.573 min Scan# 1197
Delta R.T. -0.005 min
Lab File: BG057456.D
Acq: 18 May 2023 11:10

Tgt Ion: 93 Resp: 11971
Ion Ratio Lower Upper
93 100
95 29.2 25.0 37.6
123 10.5 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 7.719 ng

RT: 10.849 min Scan# 11

Delta R.T. 0.006 min

Lab File: BG057456.D

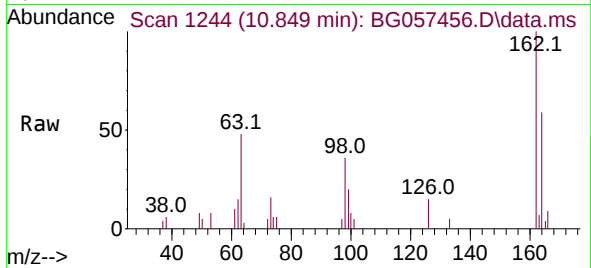
Acq: 18 May 2023 11:10

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT2-2023



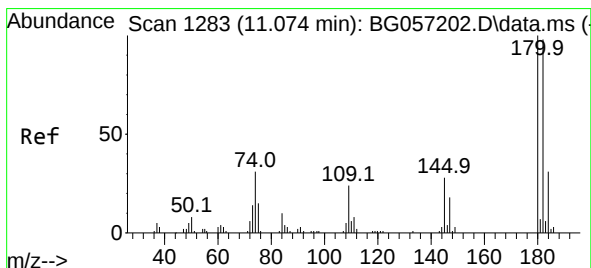
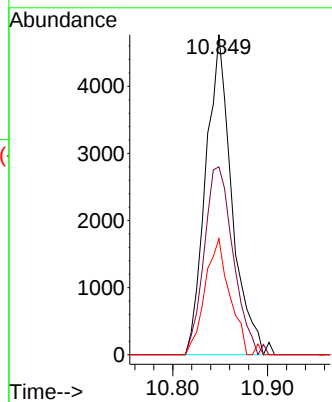
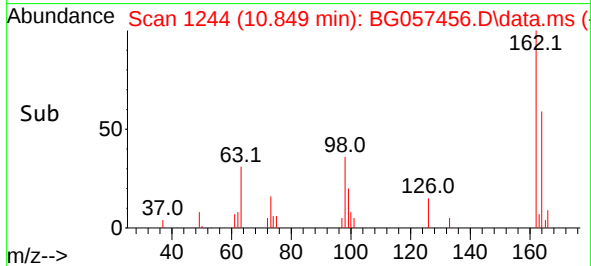
Tgt Ion:	162	Resp:	910
Ion Ratio	Lower	Upper	
162	100		
164	58.7	48.4	88.4
98	36.3	17.6	57.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/19/2023

Supervised By :Jagrut Upadhyay 05/22/2023



#30

1,2,4-Trichlorobenzene

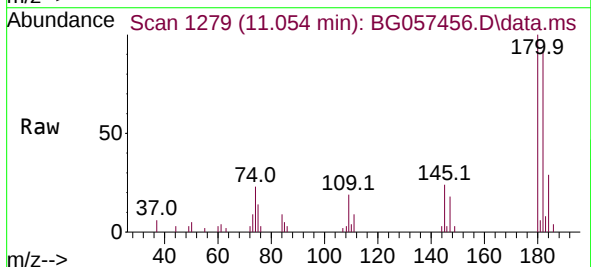
Concen: 8.322 ng

RT: 11.054 min Scan# 1279

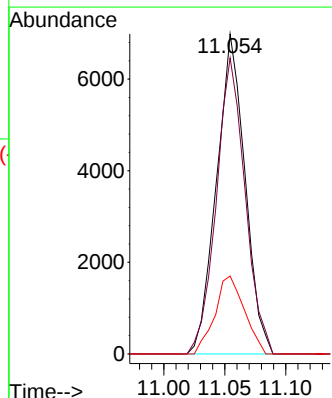
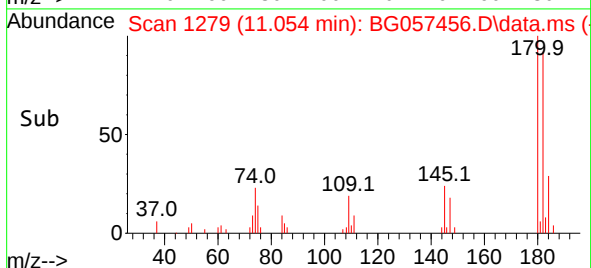
Delta R.T. -0.005 min

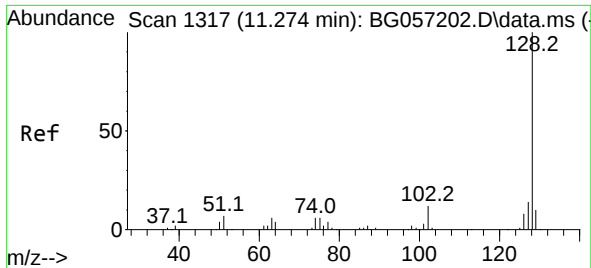
Lab File: BG057456.D

Acq: 18 May 2023 11:10



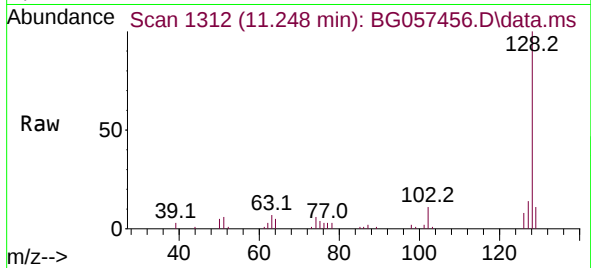
Tgt Ion:	180	Resp:	11328
Ion Ratio	Lower	Upper	
180	100		
182	92.5	78.0	117.0
145	24.3	22.4	33.6





#31
Naphthalene
Concen: 8.035 ng
RT: 11.248 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG057456.D
Acq: 18 May 2023 11:10

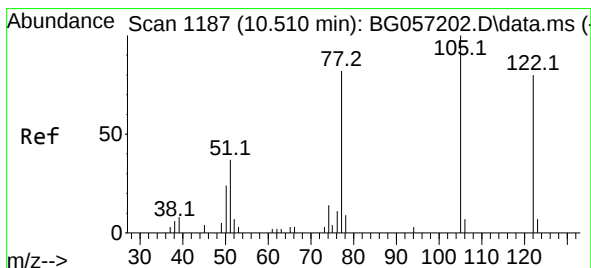
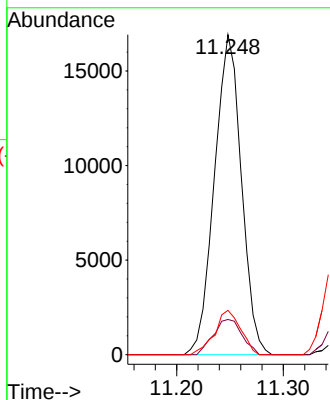
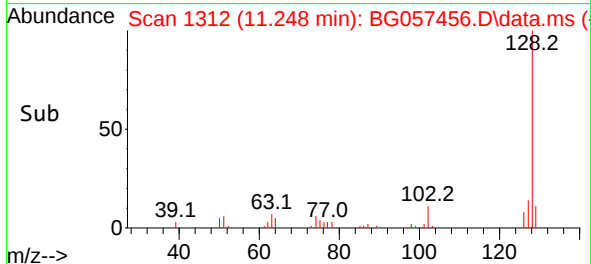
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion:128 Resp: 2965
Ion Ratio Lower Upper
128 100
129 11.0 8.3 12.5
127 13.8 11.1 16.7

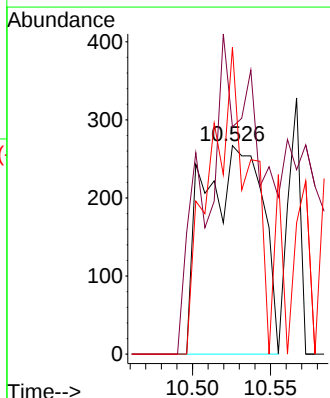
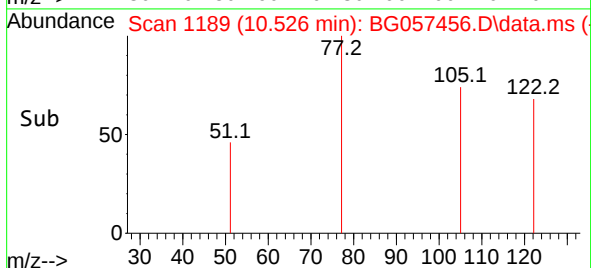
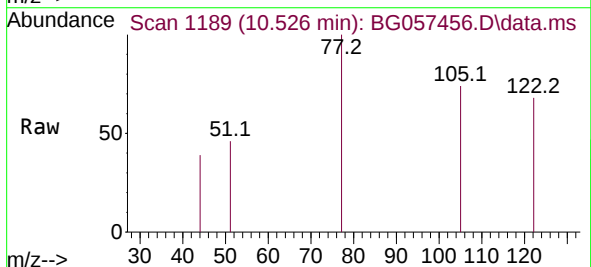
Manual Integrations
APPROVED

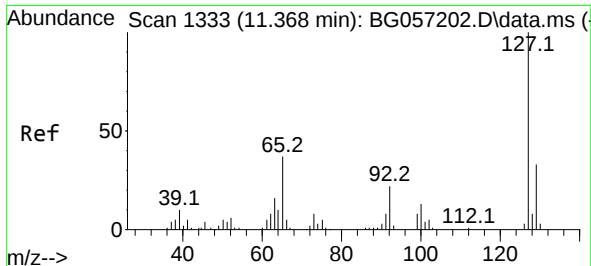
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#32
Benzoic acid
Concen: 5.702 ng m
RT: 10.526 min Scan# 1189
Delta R.T. 0.036 min
Lab File: BG057456.D
Acq: 18 May 2023 11:10

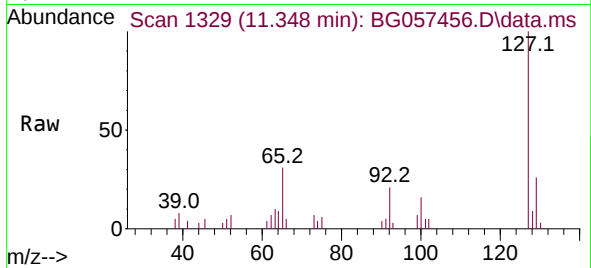
Tgt Ion:122 Resp: 701
Ion Ratio Lower Upper
122 100
105 109.0 105.2 145.2
77 147.2 83.1 123.1#





#33
4-Chloroaniline
Concen: 7.398 ng
RT: 11.348 min Scan# 1135
Delta R.T. -0.005 min
Lab File: BG057456.D
Acq: 18 May 2023 11:10

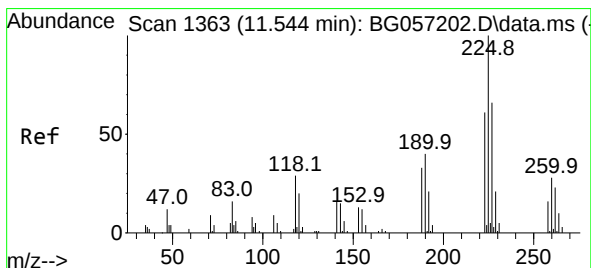
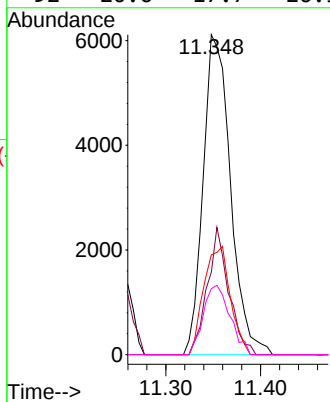
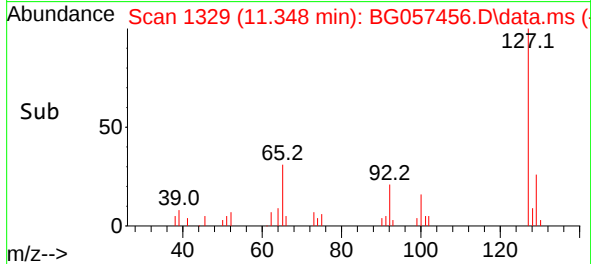
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023



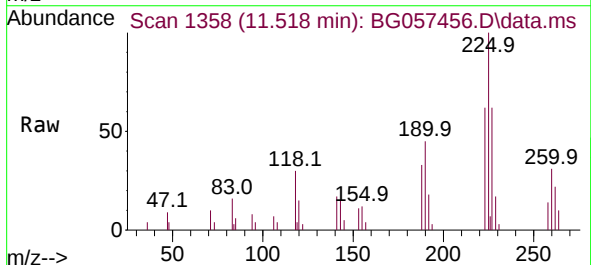
Tgt Ion	Ratio	Lower	Upper
127	100		
129	25.7	26.7	40.1
65	31.2	29.7	44.5
92	20.6	17.7	26.5

Manual Integrations
APPROVED

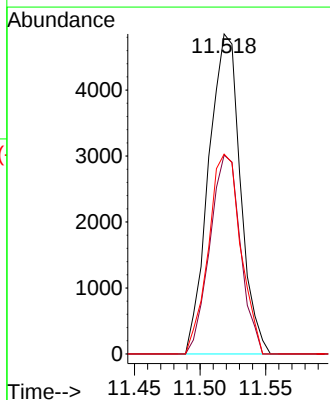
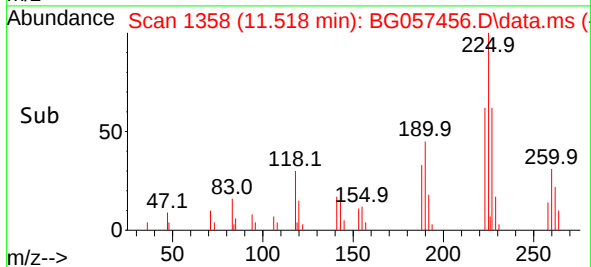
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023

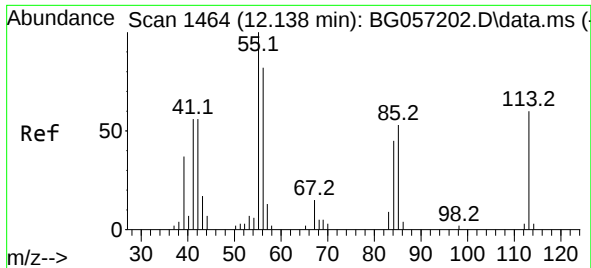


#34
Hexachlorobutadiene
Concen: 8.077 ng
RT: 11.518 min Scan# 1358
Delta R.T. -0.005 min
Lab File: BG057456.D
Acq: 18 May 2023 11:10



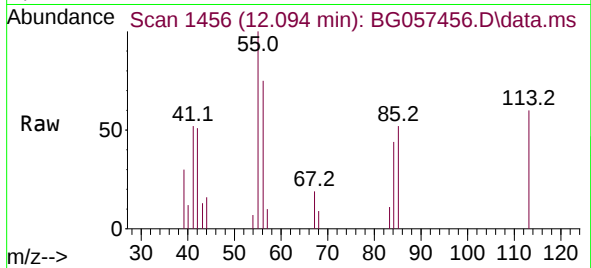
Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	48.6	72.8
227	62.4	52.7	79.1





#35
Caprolactam
Concen: 7.335 ng
RT: 12.094 min Scan# 1464
Delta R.T. -0.035 min
Lab File: BG057456.D
Acq: 18 May 2023 11:10

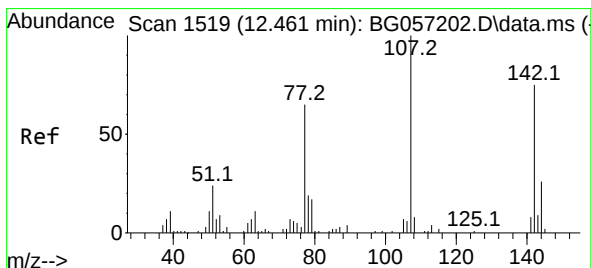
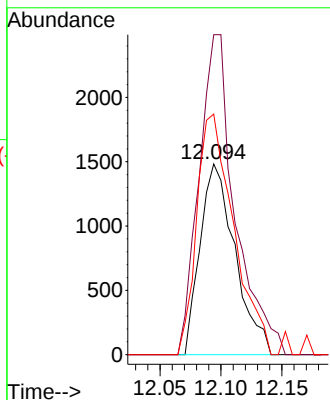
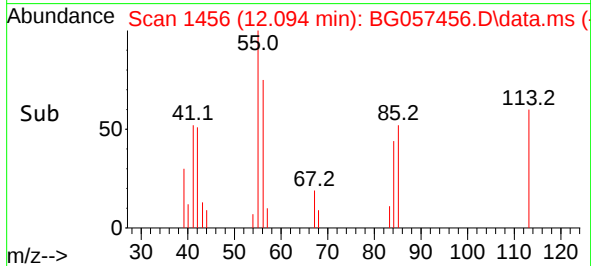
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion:113 Resp: 295
Ion Ratio Lower Upper
113 100
55 167.8 145.5 185.5
56 126.2 115.9 155.9

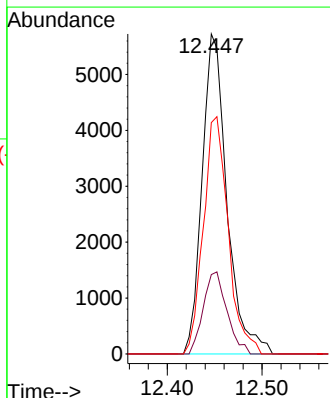
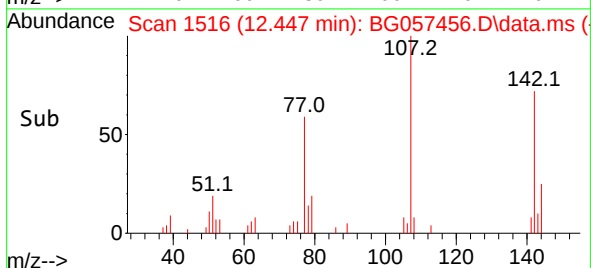
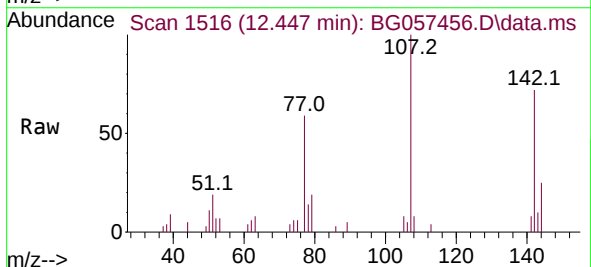
Manual Integrations
APPROVED

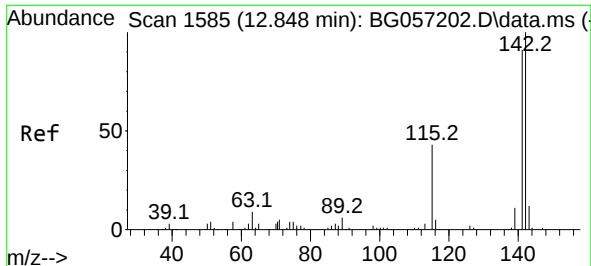
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#36
4-Chloro-3-methylphenol
Concen: 7.751 ng
RT: 12.447 min Scan# 1516
Delta R.T. -0.005 min
Lab File: BG057456.D
Acq: 18 May 2023 11:10

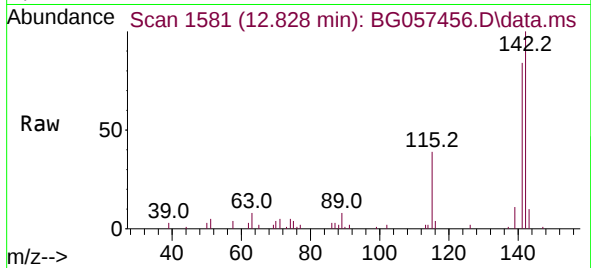
Tgt Ion:107 Resp: 10395
Ion Ratio Lower Upper
107 100
144 24.8 21.0 31.6
142 72.3 60.0 90.0





#37
2-Methylnaphthalene
Concen: 7.826 ng
RT: 12.828 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG057456.D
Acq: 18 May 2023 11:10

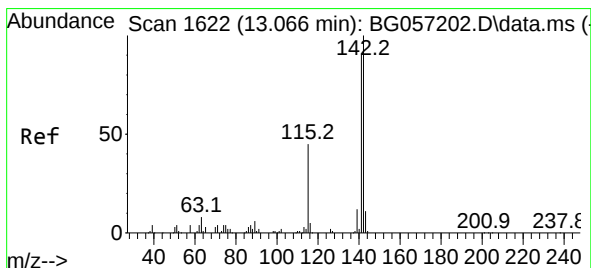
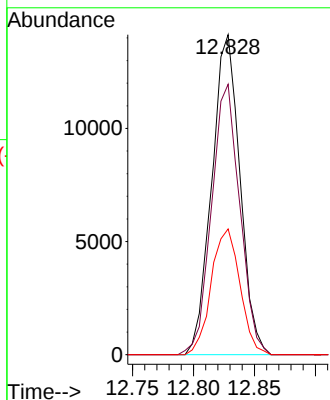
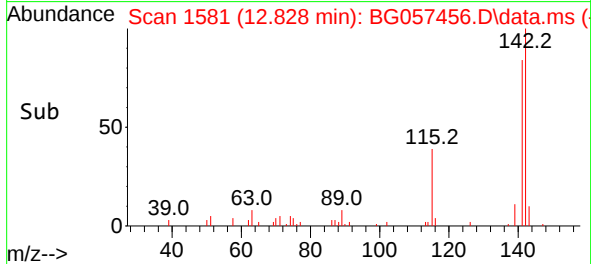
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion:142 Resp: 22708
Ion Ratio Lower Upper
142 100
141 84.5 73.1 109.7
115 39.3 34.6 52.0

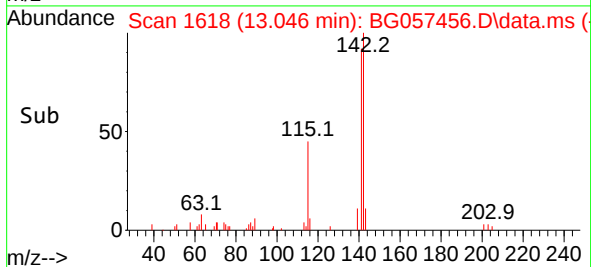
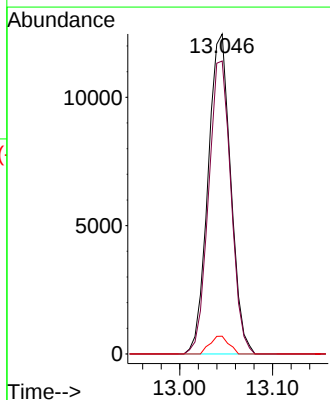
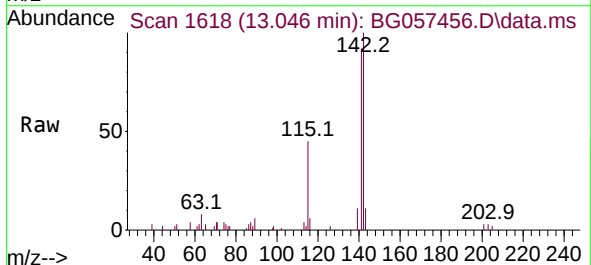
Manual Integrations
APPROVED

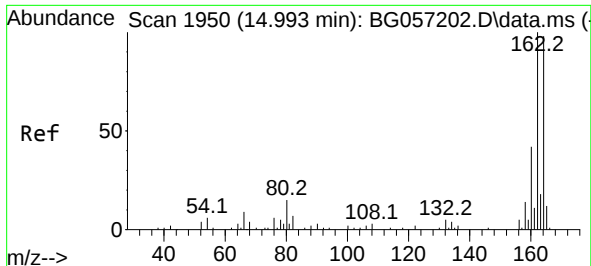
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#38
1-Methylnaphthalene
Concen: 7.742 ng m
RT: 13.046 min Scan# 1618
Delta R.T. -0.005 min
Lab File: BG057456.D
Acq: 18 May 2023 11:10

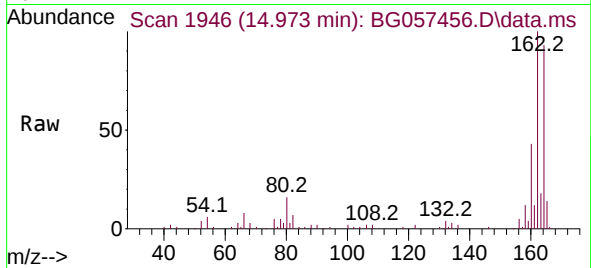
Tgt Ion:142 Resp: 21174
Ion Ratio Lower Upper
142 100
141 91.6 72.5 108.7
116 5.5 3.7 5.5#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.973 min Scan# 1950
Delta R.T. -0.005 min
Lab File: BG057456.D
Acq: 18 May 2023 11:10

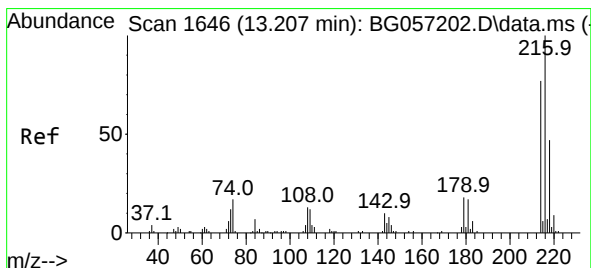
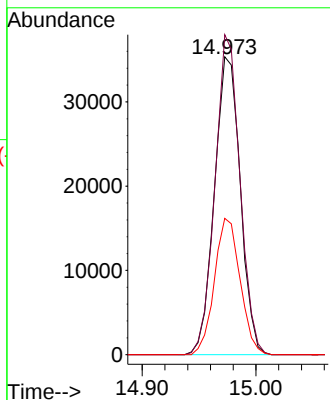
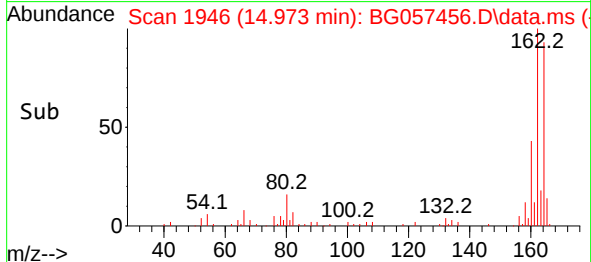
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion:164 Resp: 5585
Ion Ratio Lower Upper
164 100
162 107.4 81.8 122.6
160 45.8 34.6 52.0

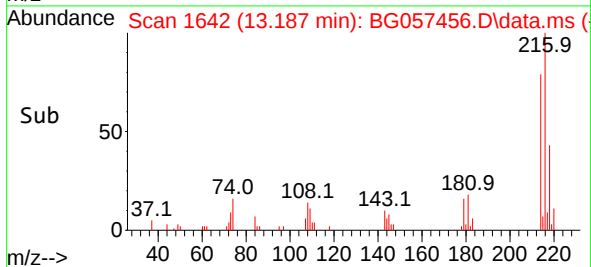
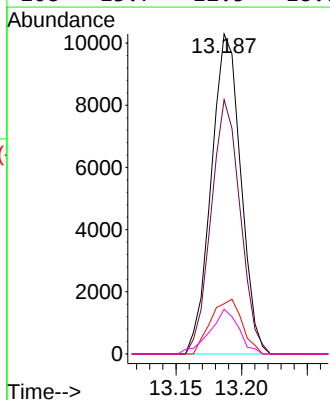
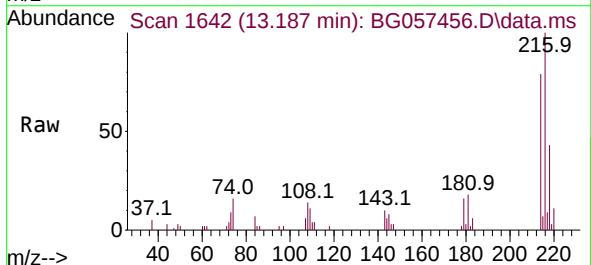
Manual Integrations
APPROVED

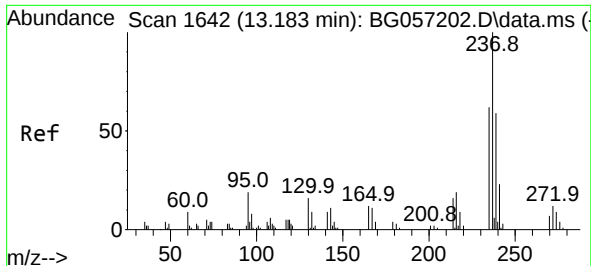
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.103 ng
RT: 13.187 min Scan# 1642
Delta R.T. -0.006 min
Lab File: BG057456.D
Acq: 18 May 2023 11:10

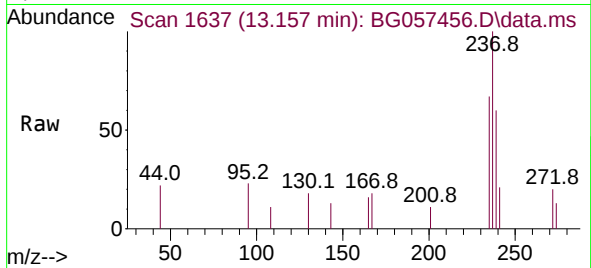
Tgt Ion:216 Resp: 16067
Ion Ratio Lower Upper
216 100
214 78.4 63.7 95.5
179 18.2 14.6 22.0
108 13.7 12.5 18.7





#41
Hexachlorocyclopentadiene
Concen: 8.362 ng
RT: 13.157 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG057456.D
Acq: 18 May 2023 11:10

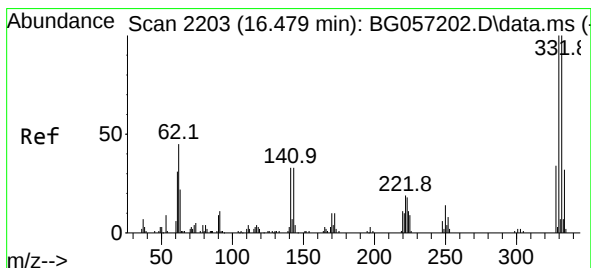
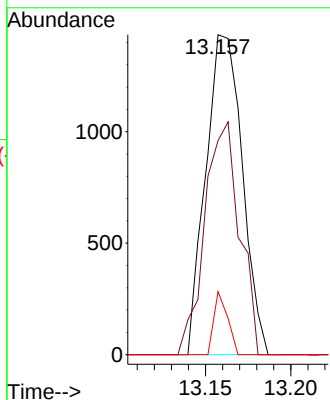
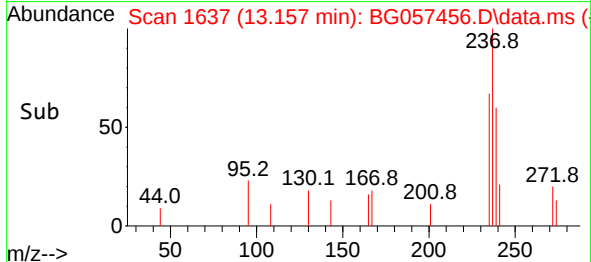
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion:237 Resp: 2138
Ion Ratio Lower Upper
237 100
235 66.9 42.0 82.0
272 19.7 0.0 31.5

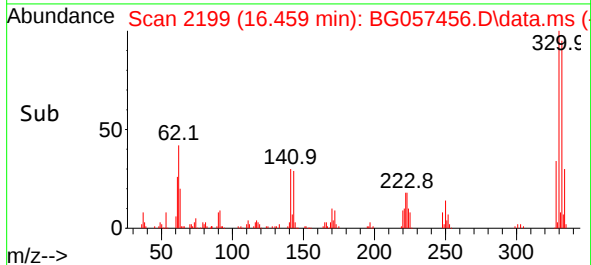
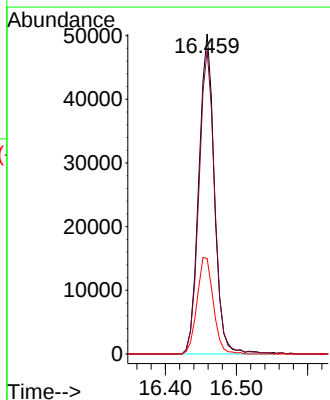
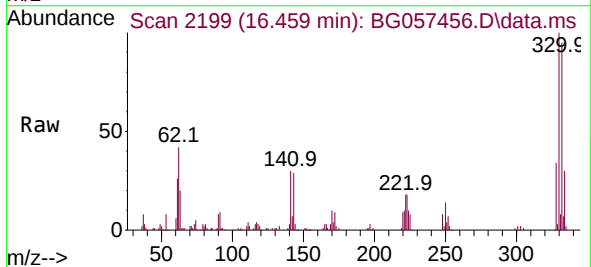
Manual Integrations
APPROVED

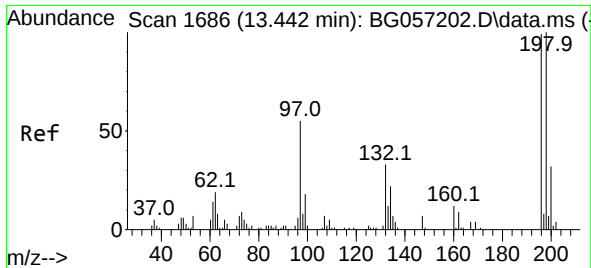
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#42
2,4,6-Tribromophenol
Concen: 96.404 ng
RT: 16.459 min Scan# 2199
Delta R.T. -0.005 min
Lab File: BG057456.D
Acq: 18 May 2023 11:10

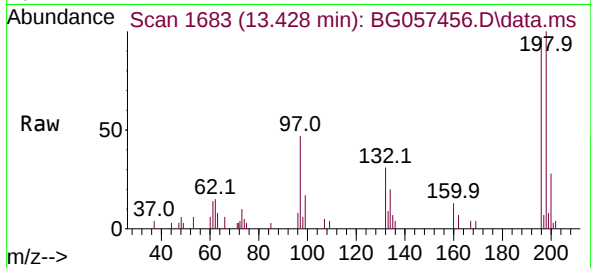
Tgt Ion:330 Resp: 76400
Ion Ratio Lower Upper
330 100
332 95.9 78.2 117.2
141 31.6 27.8 41.8





#43
2,4,6-Trichlorophenol
Concen: 7.228 ng
RT: 13.428 min Scan# 1683
Delta R.T. 0.000 min
Lab File: BG057456.D
Acq: 18 May 2023 11:10

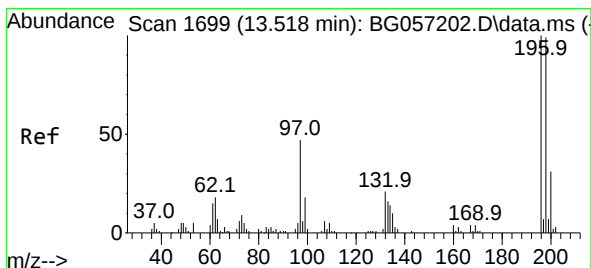
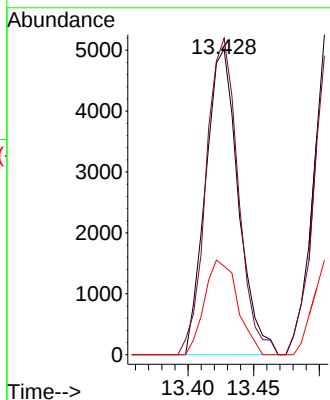
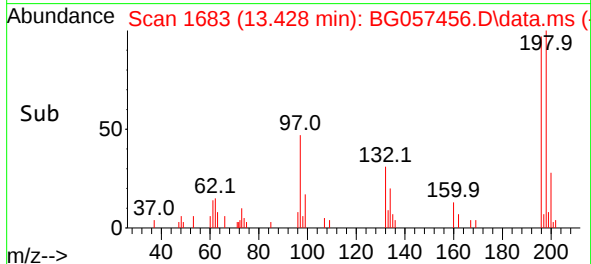
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023



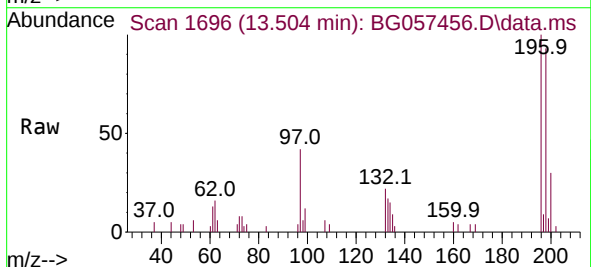
Tgt Ion:196 Resp: 873
Ion Ratio Lower Upper
196 100
198 103.6 81.2 121.8
200 29.0 26.3 39.5

Manual Integrations
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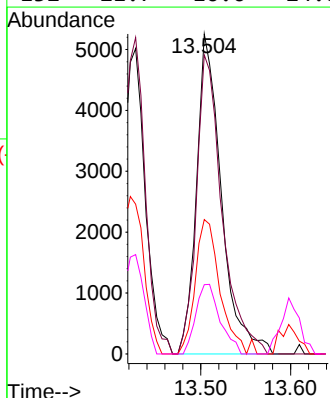
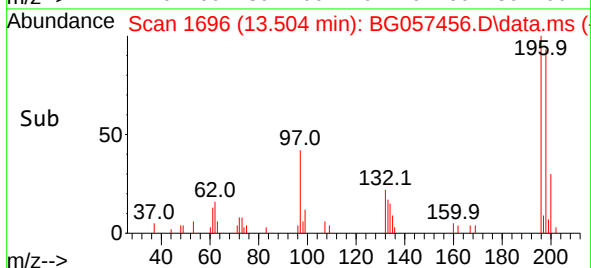
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023

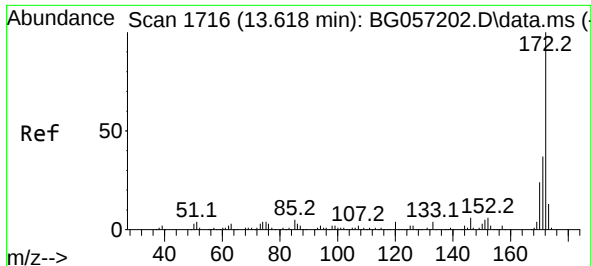


#44
2,4,5-Trichlorophenol
Concen: 7.119 ng
RT: 13.504 min Scan# 1696
Delta R.T. 0.000 min
Lab File: BG057456.D
Acq: 18 May 2023 11:10



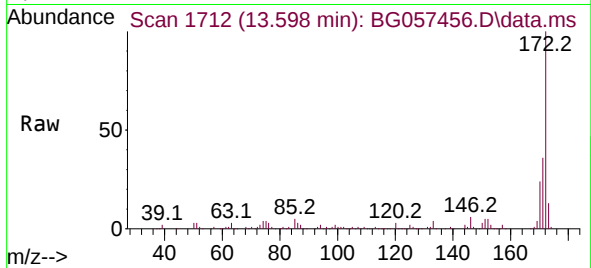
Tgt Ion:196 Resp: 10116
Ion Ratio Lower Upper
196 100
198 93.5 79.4 119.2
97 42.0 37.0 55.4
132 21.7 16.6 24.8





#45
2-Fluorobiphenyl
Concen: 65.941 ng
RT: 13.598 min Scan# 1712
Delta R.T. -0.005 min
Lab File: BG057456.D
Acq: 18 May 2023 11:10

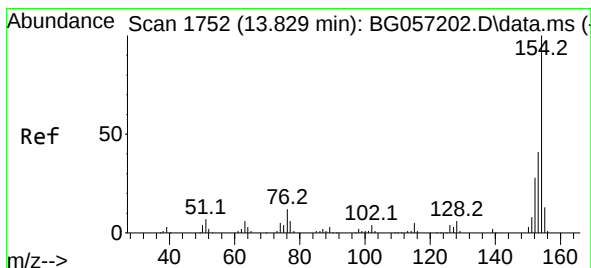
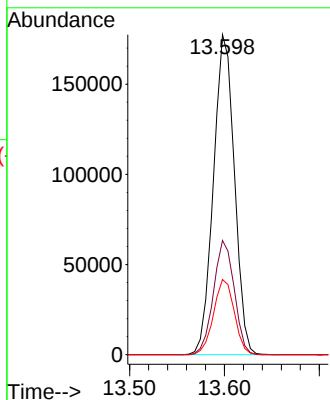
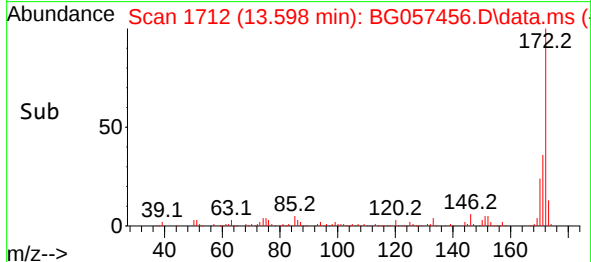
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023



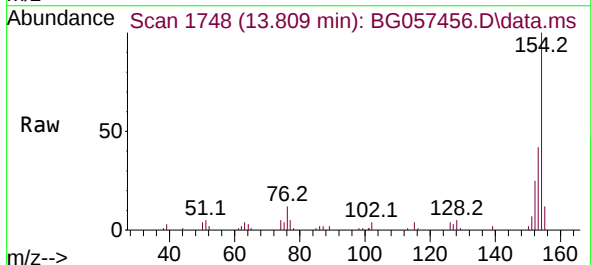
Tgt Ion:172 Resp: 27346
Ion Ratio Lower Upper
172 100
171 35.7 29.4 44.0
170 23.5 19.0 28.6

Manual Integrations
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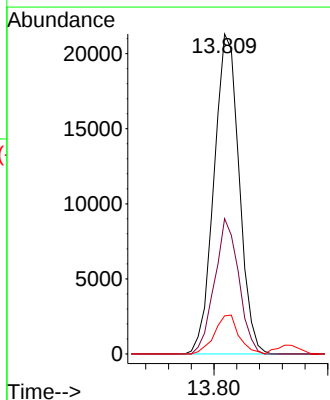
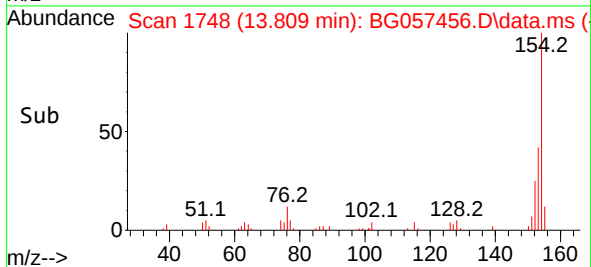
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#46
1,1'-Biphenyl
Concen: 7.897 ng
RT: 13.809 min Scan# 1748
Delta R.T. -0.006 min
Lab File: BG057456.D
Acq: 18 May 2023 11:10



Tgt Ion:154 Resp: 32731
Ion Ratio Lower Upper
154 100
153 42.3 20.9 60.9
76 11.9 0.0 31.7





#47

2-Chloronaphthalene

Concen: 8.081 ng

RT: 13.862 min Scan# 1757

Delta R.T. -0.005 min

Lab File: BG057456.D

Acq: 18 May 2023 11:10

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT2-2023

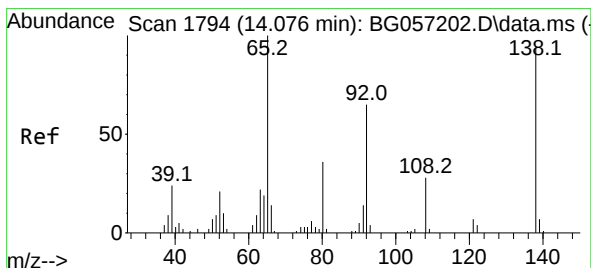
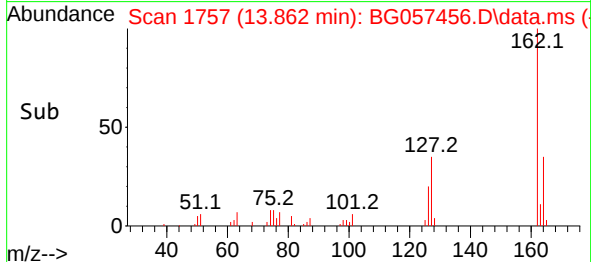
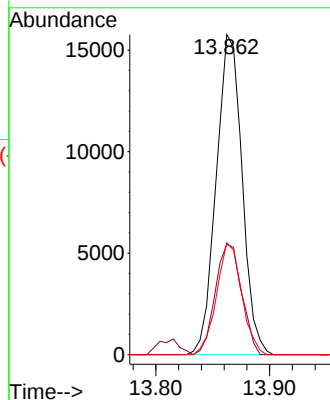
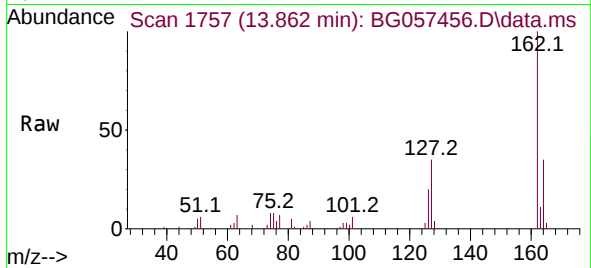
Tgt Ion:	162	Resp:	2490
Ion Ratio	Lower	Upper	
162	100		
127	34.5	29.8	44.6
164	35.0	26.6	40.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/19/2023

Supervised By :Jagrut Upadhyay 05/22/2023



#48

2-Nitroaniline

Concen: 6.592 ng

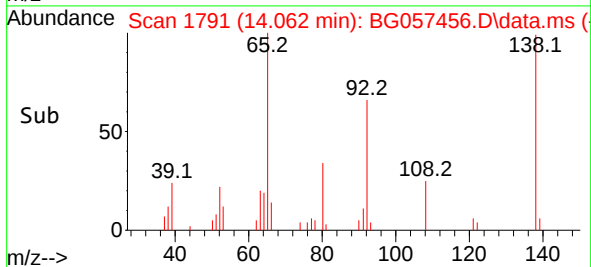
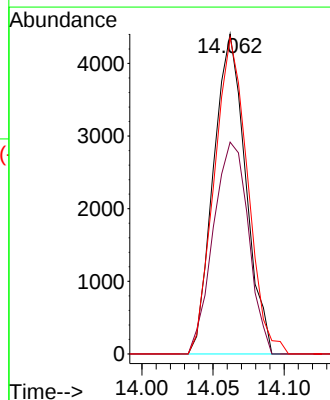
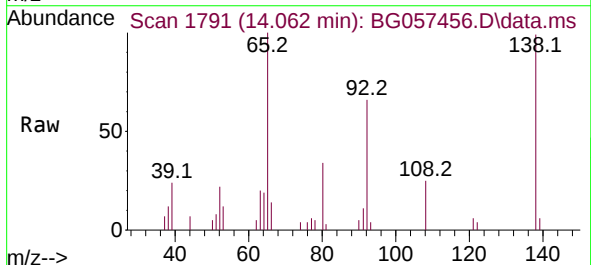
RT: 14.062 min Scan# 1791

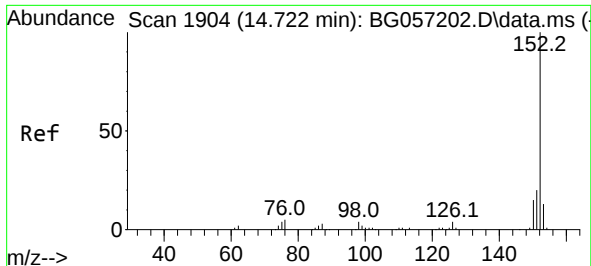
Delta R.T. 0.000 min

Lab File: BG057456.D

Acq: 18 May 2023 11:10

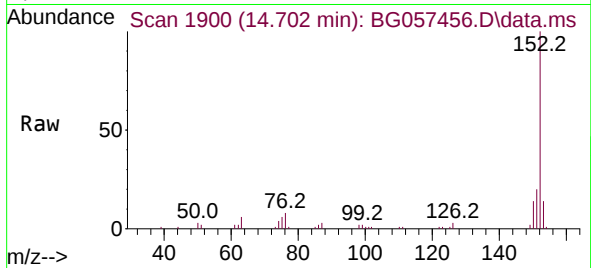
Tgt Ion:	65	Resp:	6908
Ion Ratio	Lower	Upper	
65	100		
92	66.2	52.1	78.1
138	98.9	75.3	112.9





#49
Acenaphthylene
Concen: 7.679 ng
RT: 14.702 min Scan# 1904
Delta R.T. -0.005 min
Lab File: BG057456.D
Acq: 18 May 2023 11:10

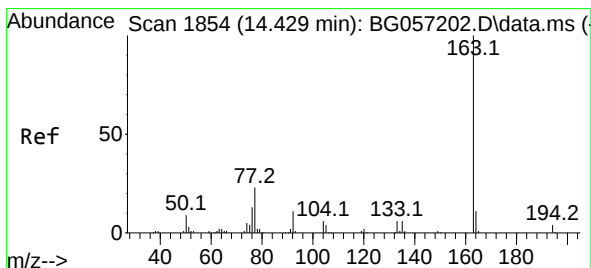
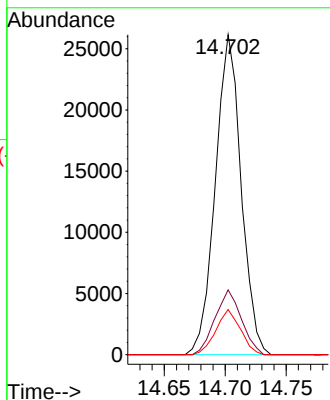
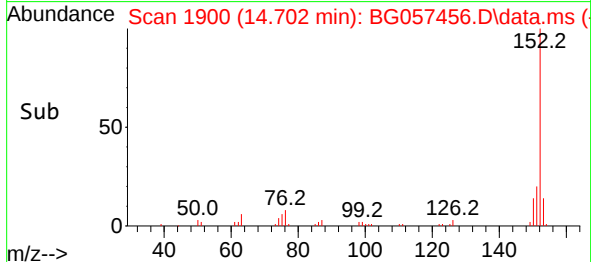
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion:152 Resp: 3844
Ion Ratio Lower Upper
152 100
151 20.2 16.0 24.0
153 14.1 10.7 16.1

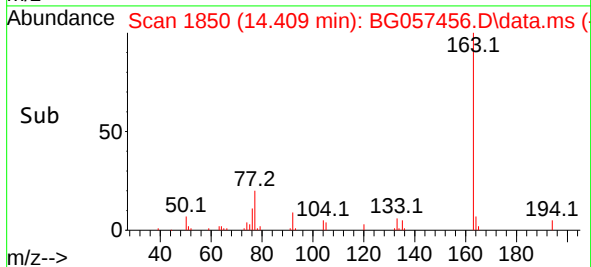
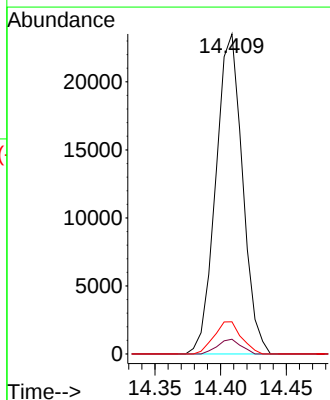
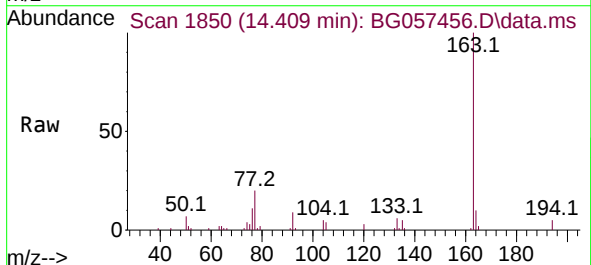
Manual Integrations
APPROVED

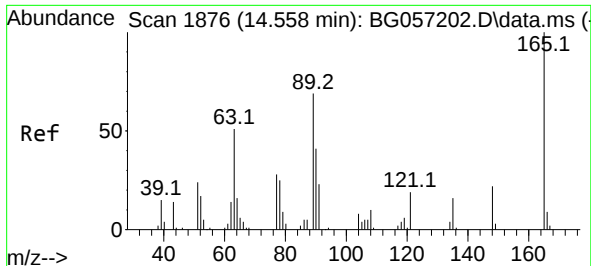
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#50
Dimethylphthalate
Concen: 7.247 ng
RT: 14.409 min Scan# 1850
Delta R.T. -0.005 min
Lab File: BG057456.D
Acq: 18 May 2023 11:10

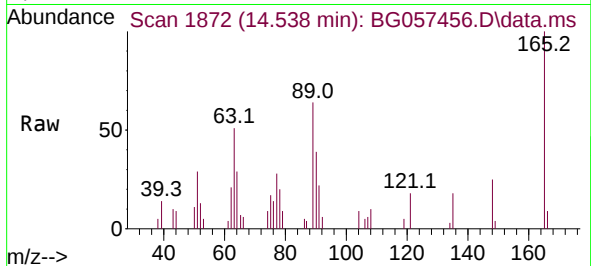
Tgt Ion:163 Resp: 33263
Ion Ratio Lower Upper
163 100
194 4.6 3.4 5.2
164 10.0 8.8 13.2





#51
2,6-Dinitrotoluene
Concen: 7.612 ng
RT: 14.538 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG057456.D
Acq: 18 May 2023 11:10

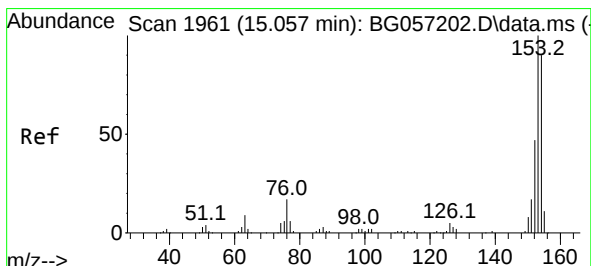
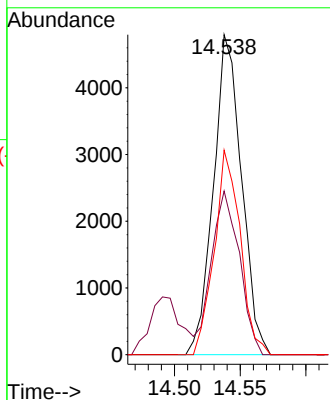
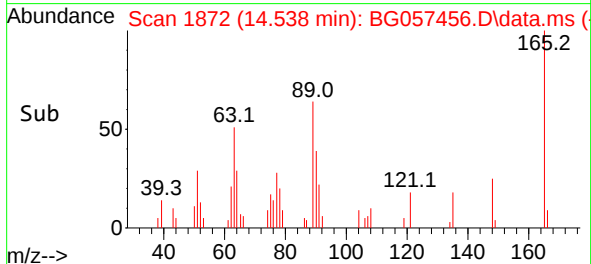
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023



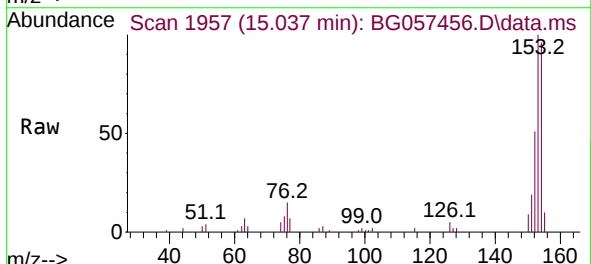
Tgt Ion:165 Resp: 713
Ion Ratio Lower Upper
165 100
63 51.1 50.9 76.3
89 63.9 55.2 82.8

Manual Integrations
APPROVED

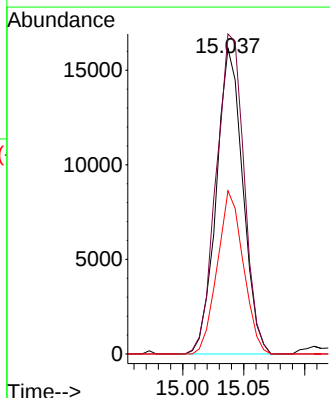
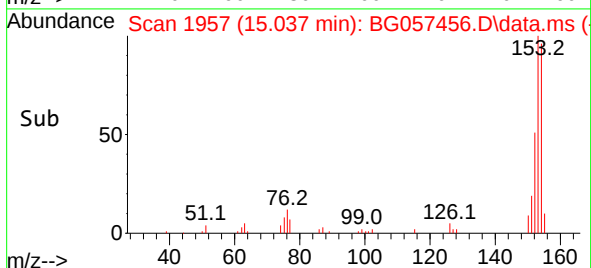
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023

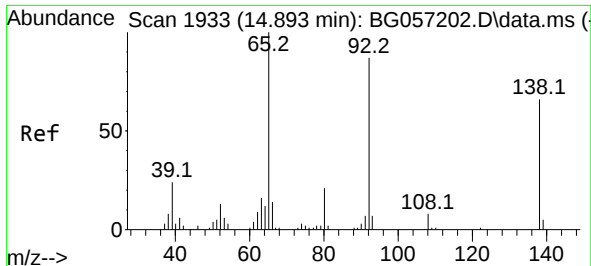


#52
Acenaphthene
Concen: 7.814 ng
RT: 15.037 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BG057456.D
Acq: 18 May 2023 11:10



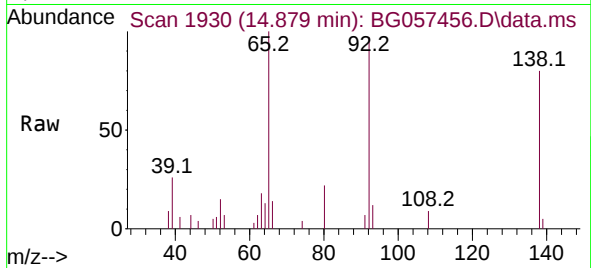
Tgt Ion:154 Resp: 24449
Ion Ratio Lower Upper
154 100
153 104.7 89.3 133.9
152 53.4 41.7 62.5





#53
3-Nitroaniline
Concen: 6.941 ng
RT: 14.879 min Scan# 1933
Delta R.T. -0.005 min
Lab File: BG057456.D
Acq: 18 May 2023 11:10

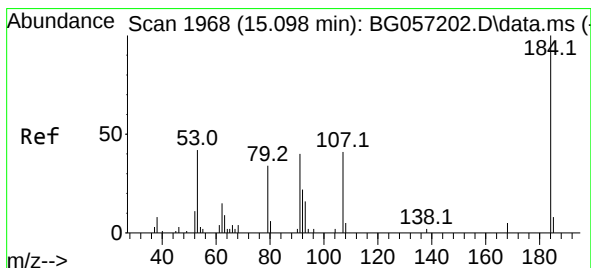
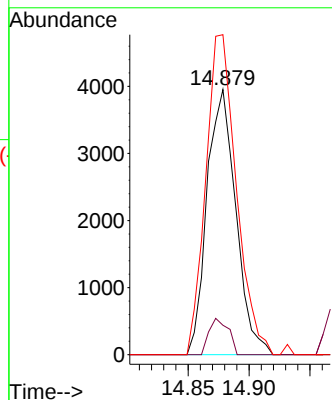
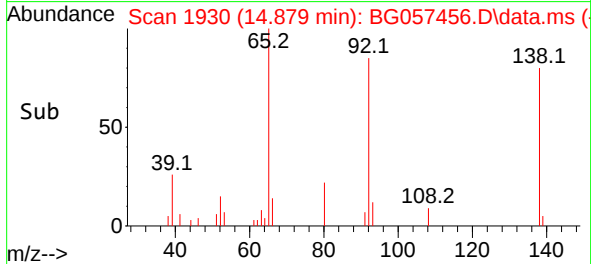
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion:138 Resp: 6510
Ion Ratio Lower Upper
138 100
108 11.1 9.5 14.3
92 120.7 106.2 159.4

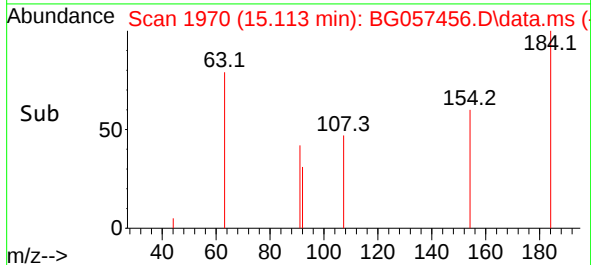
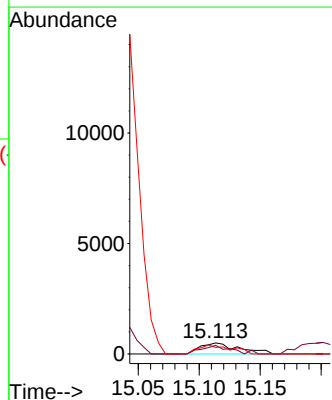
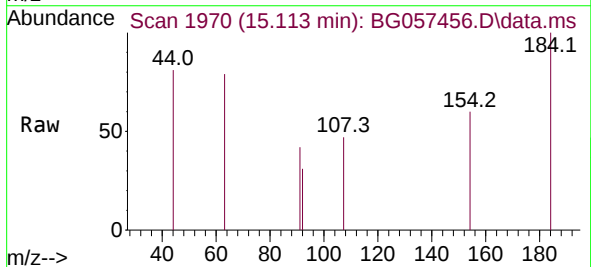
Manual Integrations
APPROVED

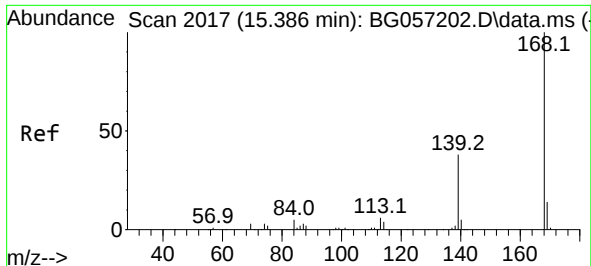
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#54
2,4-Dinitrophenol
Concen: 6.707 ng
RT: 15.113 min Scan# 1970
Delta R.T. 0.018 min
Lab File: BG057456.D
Acq: 18 May 2023 11:10

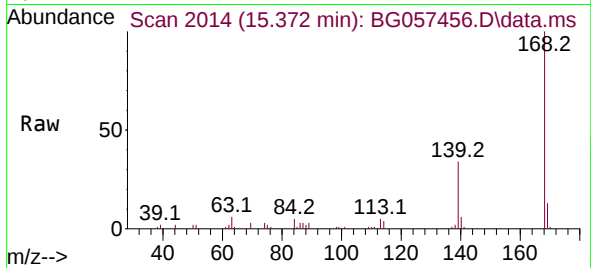
Tgt Ion:184 Resp: 1107
Ion Ratio Lower Upper
184 100
63 79.3 48.2 72.4#
154 60.0 55.4 83.2





#55
Dibenzenofuran
Concen: 7.625 ng
RT: 15.372 min Scan# 2017
Delta R.T. -0.005 min
Lab File: BG057456.D
Acq: 18 May 2023 11:10

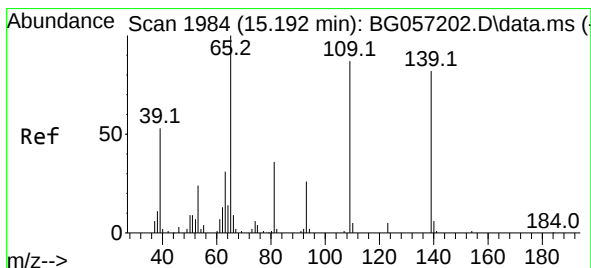
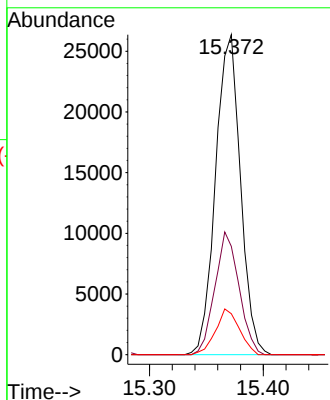
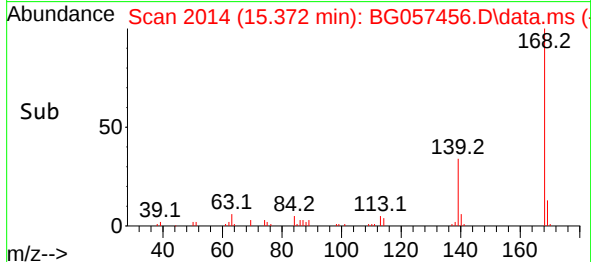
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023



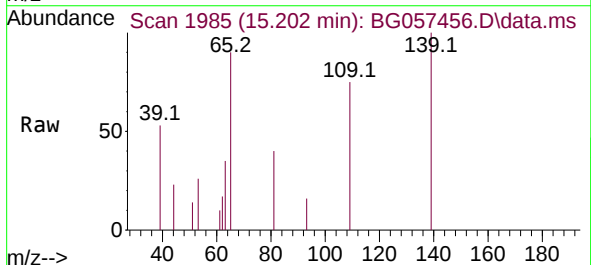
Tgt Ion:168 Resp: 4008
Ion Ratio Lower Upper
168 100
139 33.8 30.7 46.1
169 12.8 10.9 16.3

Manual Integrations
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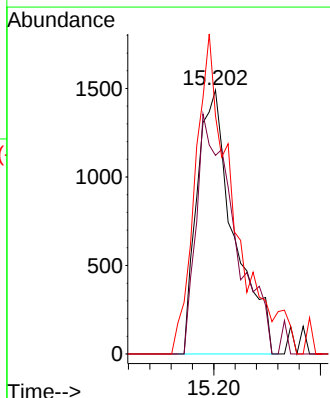
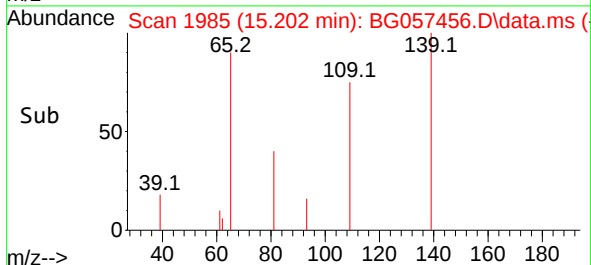
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023

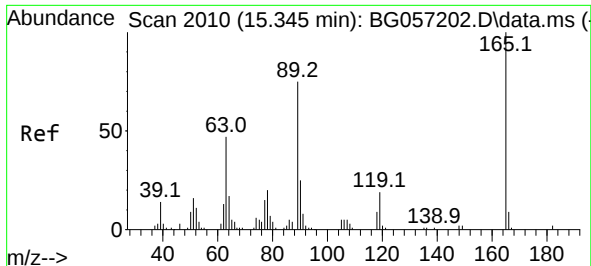


#56
4-Nitrophenol
Concen: 5.713 ng
RT: 15.202 min Scan# 1985
Delta R.T. 0.018 min
Lab File: BG057456.D
Acq: 18 May 2023 11:10



Tgt Ion:139 Resp: 3567
Ion Ratio Lower Upper
139 100
109 75.3 86.6 126.6#
65 90.3 102.6 142.6#





#57

2,4-Dinitrotoluene

Concen: 7.299 ng

RT: 15.331 min Scan# 2010

Delta R.T. -0.006 min

Lab File: BG057456.D

Acq: 18 May 2023 11:10

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT2-2023

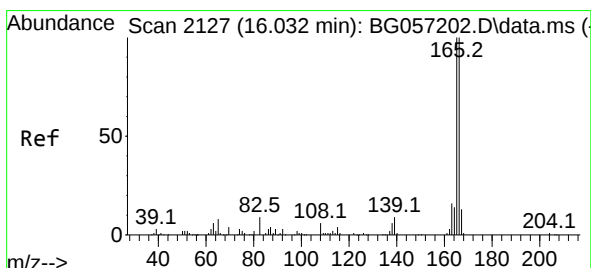
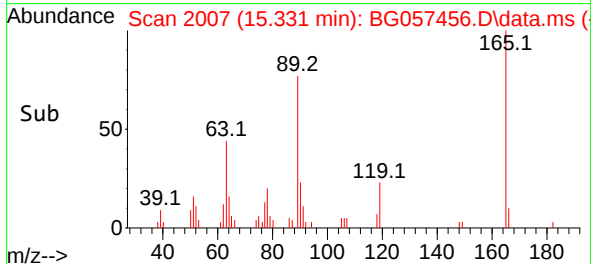
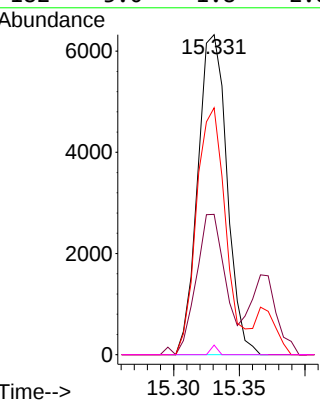
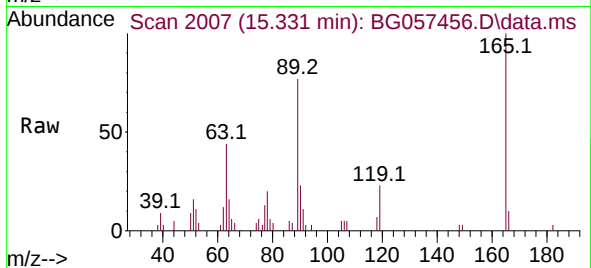
Tgt Ion:	165	Resp:	9770
Ion Ratio	Lower	Upper	
165	100		
63	43.9	37.5	56.3
89	77.2	60.2	90.4
182	3.0	1.8	2.8#

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/19/2023

Supervised By :Jagrut Upadhyay 05/22/2023



#58

Fluorene

Concen: 7.820 ng

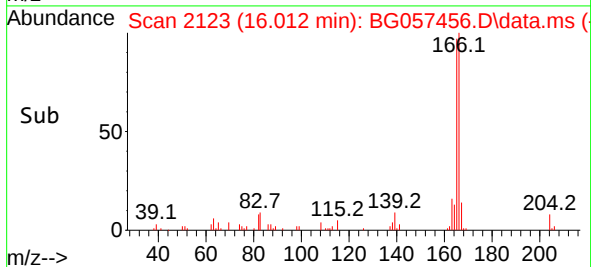
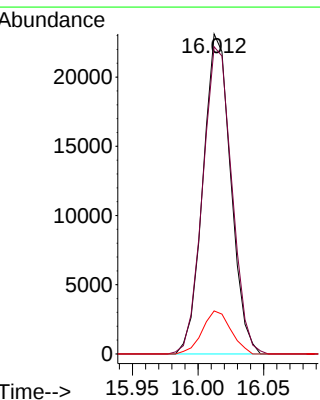
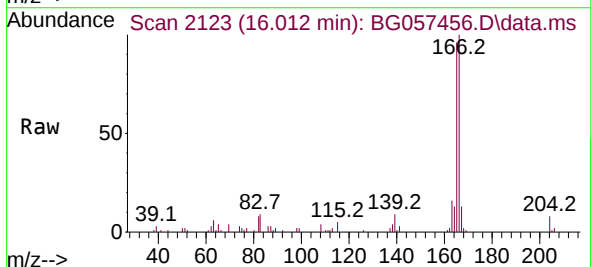
RT: 16.012 min Scan# 2123

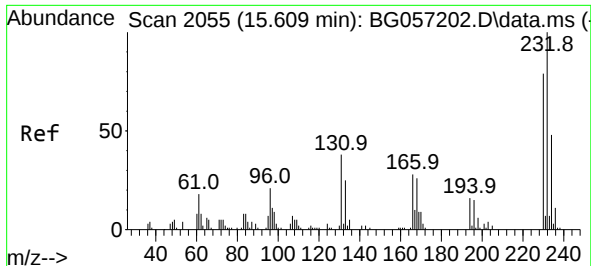
Delta R.T. -0.011 min

Lab File: BG057456.D

Acq: 18 May 2023 11:10

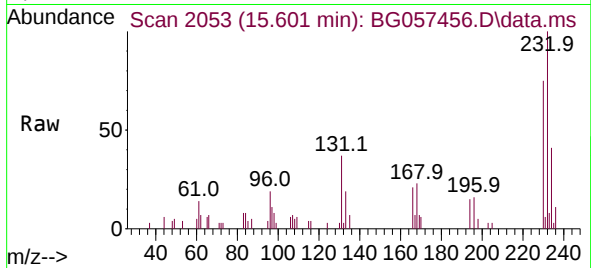
Tgt Ion:	166	Resp:	33862
Ion Ratio	Lower	Upper	
166	100		
165	96.0	80.1	120.1
167	13.5	10.2	15.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 7.732 ng m
RT: 15.601 min Scan# 2055
Delta R.T. 0.000 min
Lab File: BG057456.D
Acq: 18 May 2023 11:10

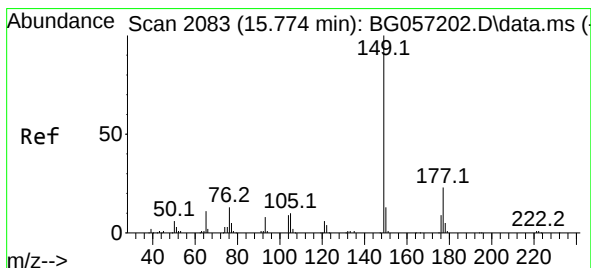
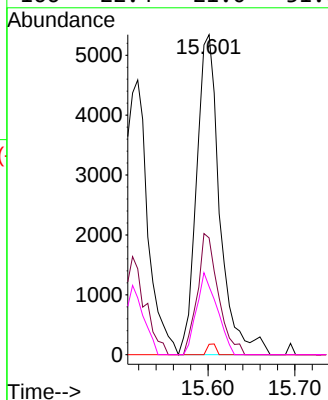
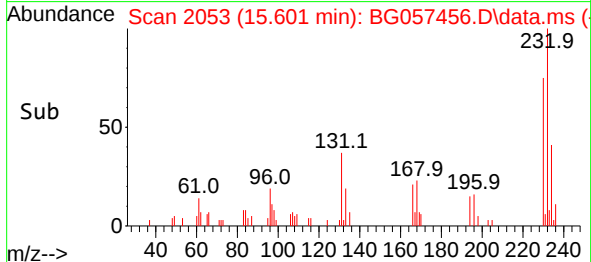
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion:232 Resp: 996
Ion Ratio Lower Upper
232 100
131 34.0 28.6 42.8
130 1.2 1.6 2.4
166 22.4 21.0 31.6

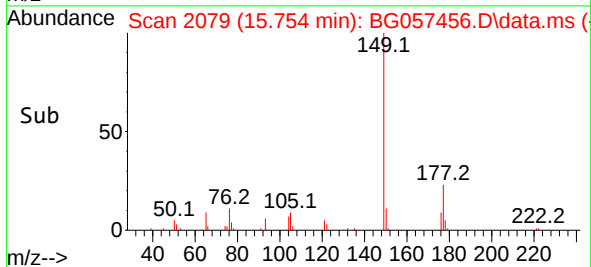
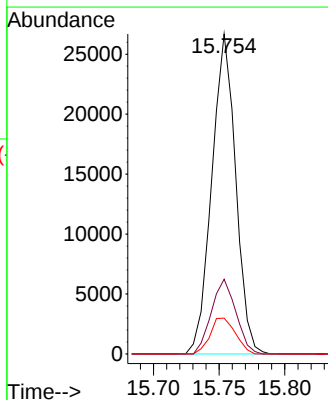
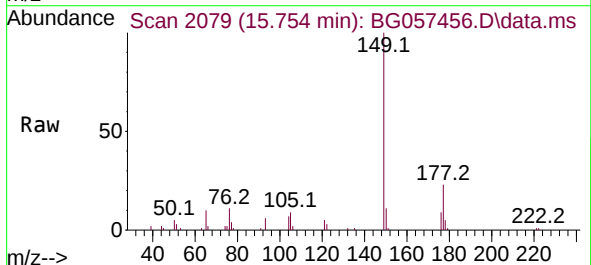
Manual Integrations
APPROVED

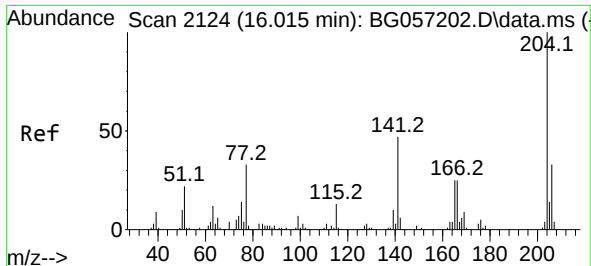
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#60
Diethylphthalate
Concen: 7.240 ng
RT: 15.754 min Scan# 2079
Delta R.T. -0.006 min
Lab File: BG057456.D
Acq: 18 May 2023 11:10

Tgt Ion:149 Resp: 33744
Ion Ratio Lower Upper
149 100
177 23.4 18.3 27.5
150 11.2 10.1 15.1





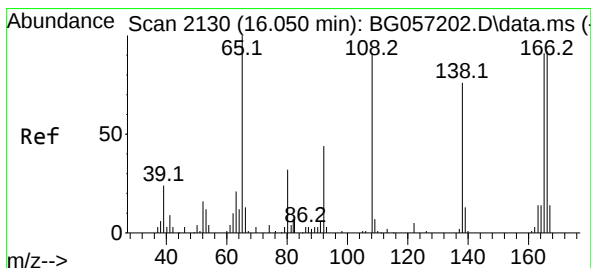
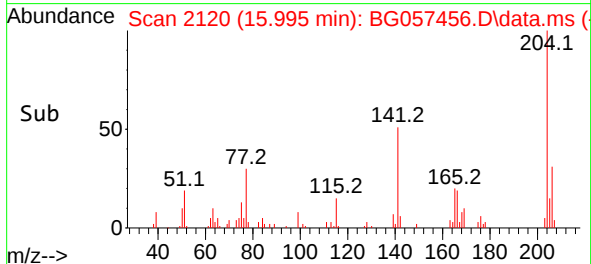
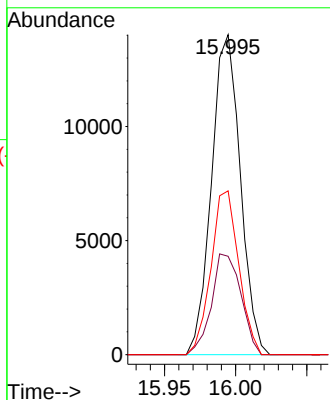
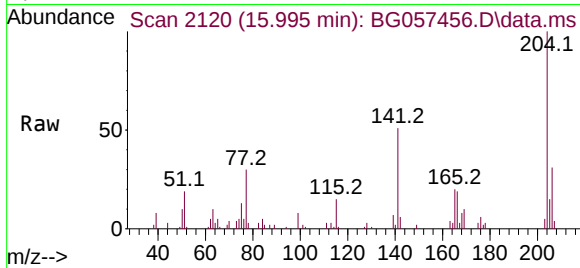
#61
4-Chlorophenyl-phenylether
Concen: 7.575 ng
RT: 15.995 min Scan# 2120
Delta R.T. -0.005 min
Lab File: BG057456.D
Acq: 18 May 2023 11:10

Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023

Tgt Ion:204 Resp: 19760
Ion Ratio Lower Upper
204 100
206 30.8 26.5 39.7
141 51.2 37.4 56.0

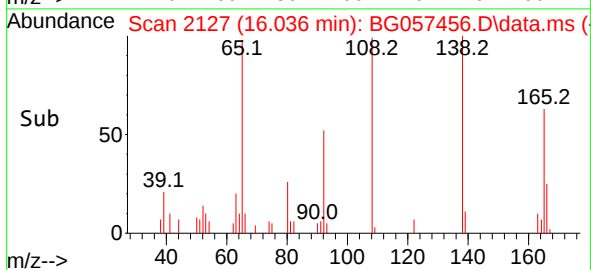
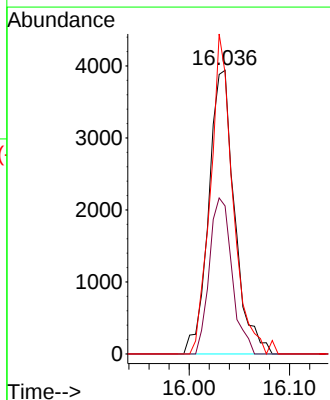
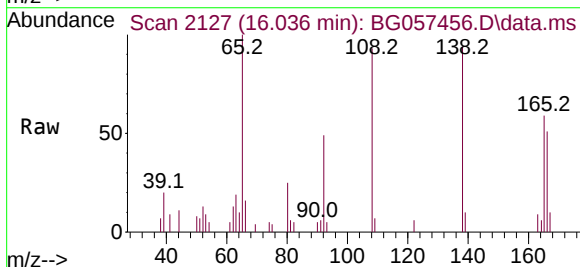
Manual Integrations
APPROVED

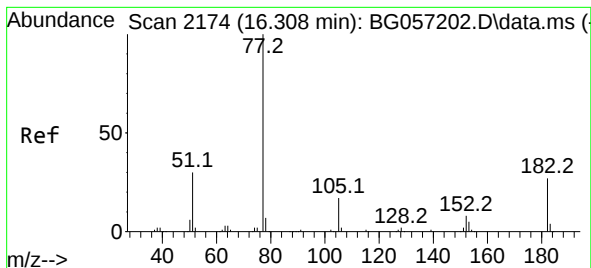
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#62
4-Nitroaniline
Concen: 7.456 ng
RT: 16.036 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BG057456.D
Acq: 18 May 2023 11:10

Tgt Ion:138 Resp: 7062
Ion Ratio Lower Upper
138 100
92 52.2 38.2 78.2
108 99.0 99.6 139.6#





#63

Azobenzene

Concen: 6.877 ng

RT: 16.288 min Scan# 2170

Delta R.T. -0.005 min

Lab File: BG057456.D

Acq: 18 May 2023 11:10

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT2-2023

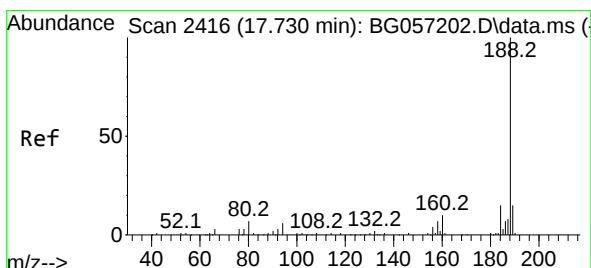
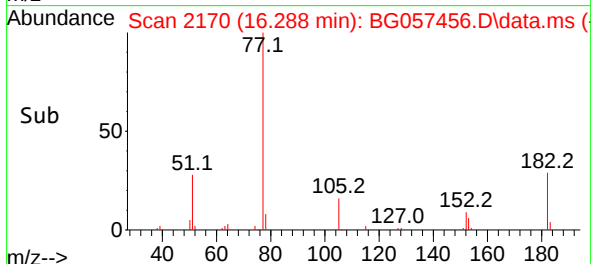
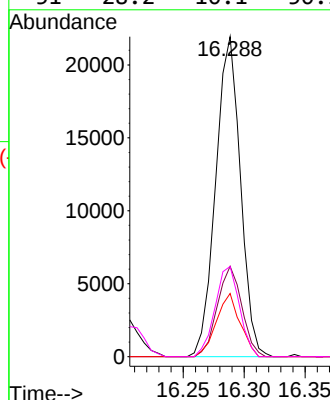
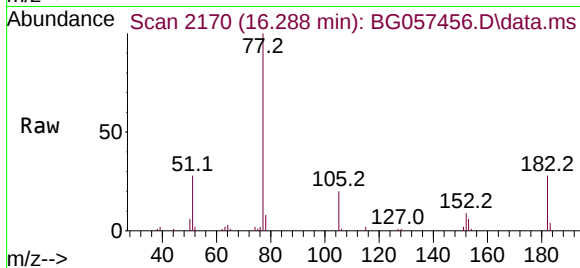
Tgt Ion: 77	Resp: 30928
Ion Ratio	Lower Upper
77 100	
182 28.2	7.4 47.4
105 19.7	0.0 37.2
51 28.2	10.1 50.1

Manual Integrations

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Reviewed By :Christian Giraldo 05/19/2023

Supervised By :Jagrut Upadhyay 05/22/2023



#64

Phenanthrene-d10

Concen: 20.000 ng

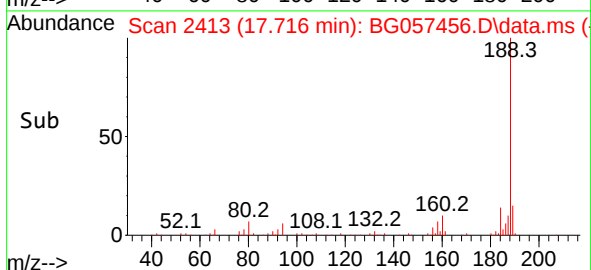
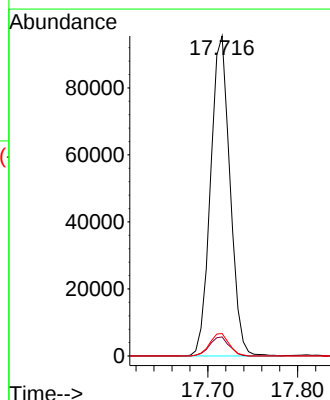
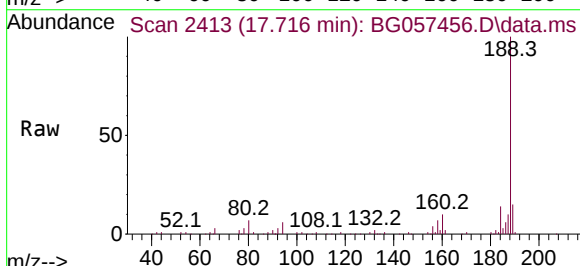
RT: 17.716 min Scan# 2413

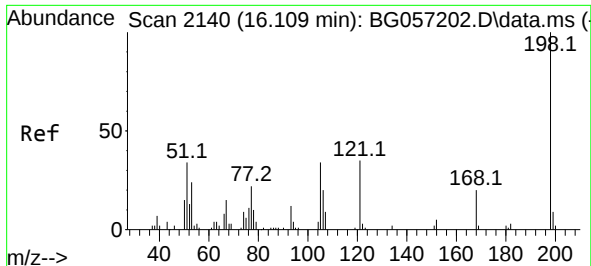
Delta R.T. -0.006 min

Lab File: BG057456.D

Acq: 18 May 2023 11:10

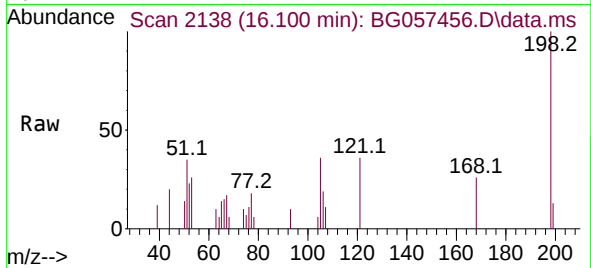
Tgt Ion:188	Resp: 143384
Ion Ratio	Lower Upper
188 100	
94 6.0	5.1 7.7
80 7.0	5.7 8.5





#65
4,6-Dinitro-2-methylphenol
Concen: 5.689 ng
RT: 16.100 min Scan# 2140
Delta R.T. 0.000 min
Lab File: BG057456.D
Acq: 18 May 2023 11:10

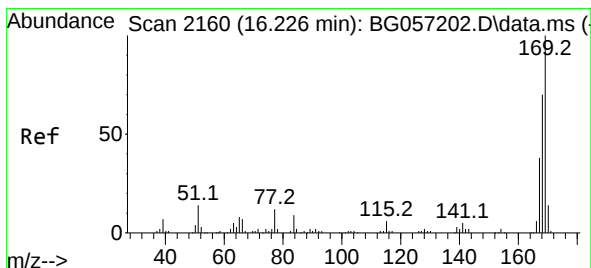
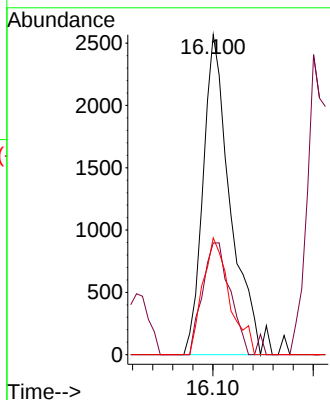
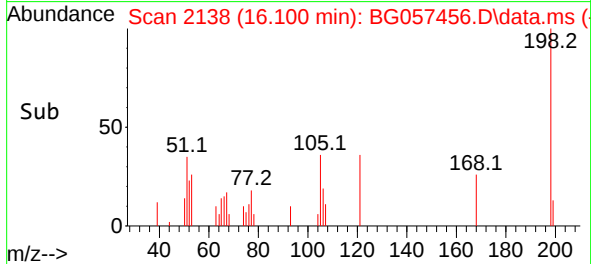
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion:198 Resp: 4870
Ion Ratio Lower Upper
198 100
51 34.9 16.1 56.1
105 36.5 14.0 54.0

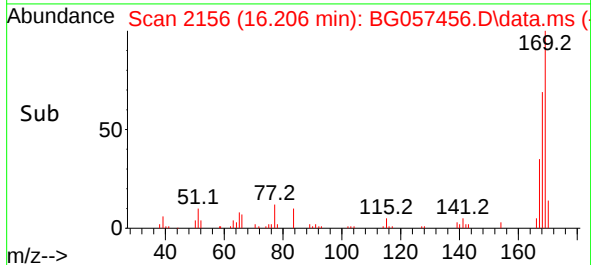
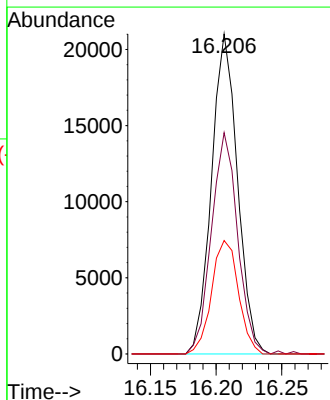
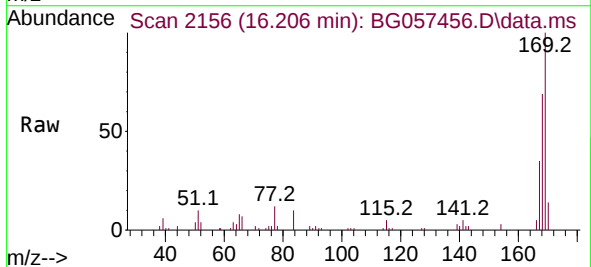
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#66
n-Nitrosodiphenylamine
Concen: 7.420 ng
RT: 16.206 min Scan# 2156
Delta R.T. -0.006 min
Lab File: BG057456.D
Acq: 18 May 2023 11:10

Tgt Ion:169 Resp: 28894
Ion Ratio Lower Upper
169 100
168 69.2 56.2 84.4
167 35.5 30.2 45.4





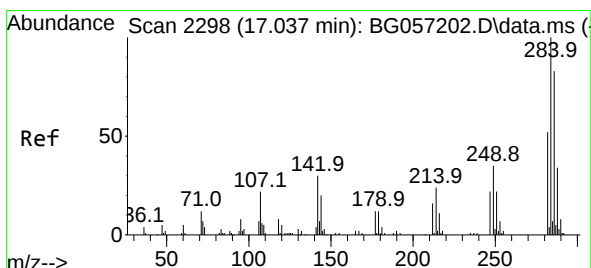
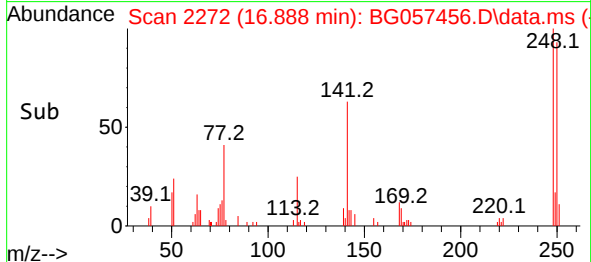
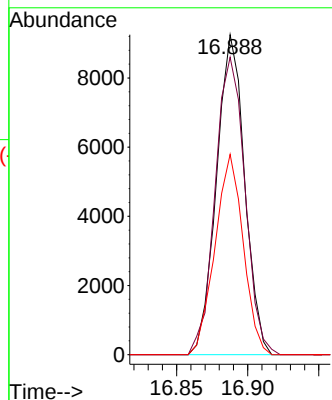
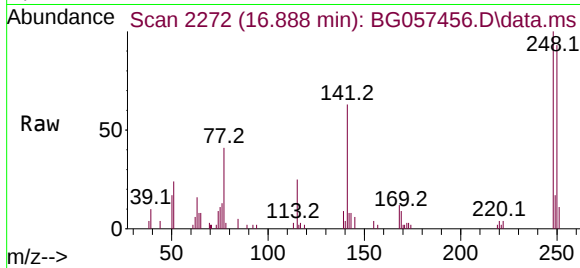
#67
4-Bromophenyl-phenylether
Concen: 7.272 ng
RT: 16.888 min Scan# 2172
Delta R.T. -0.005 min
Lab File: BG057456.D
Acq: 18 May 2023 11:10

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023

Tgt Ion:248 Resp: 12728
Ion Ratio Lower Upper
248 100
250 93.0 77.0 115.6
141 62.6 48.6 72.8

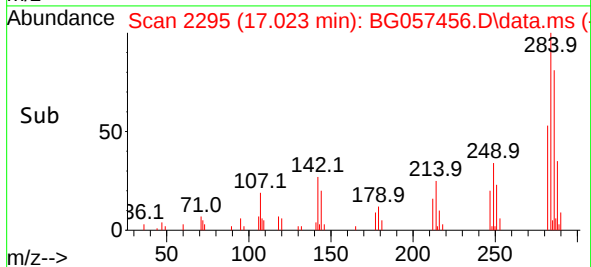
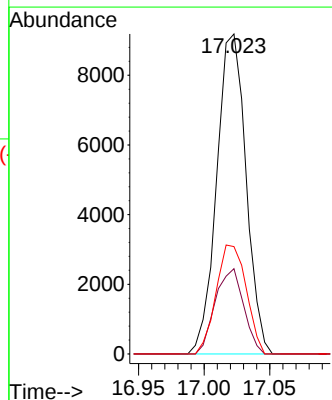
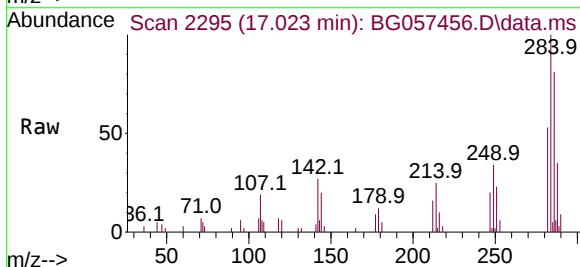
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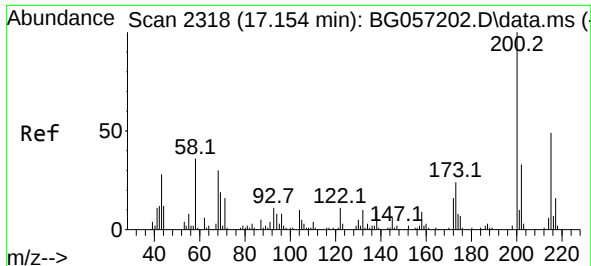
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#68
Hexachlorobenzene
Concen: 8.381 ng
RT: 17.023 min Scan# 2295
Delta R.T. -0.005 min
Lab File: BG057456.D
Acq: 18 May 2023 11:10

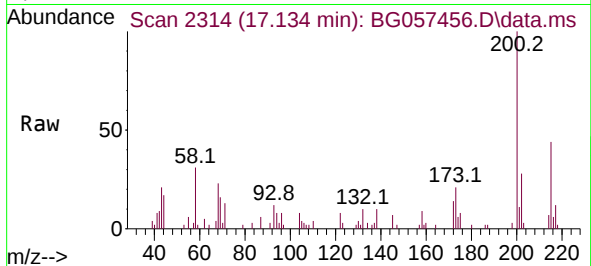
Tgt Ion:284 Resp: 14255
Ion Ratio Lower Upper
284 100
142 26.7 23.9 35.9
249 33.6 27.7 41.5





#69
 Atrazine
 Concen: 8.405 ng
 RT: 17.134 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: BG057456.D
 Acq: 18 May 2023 11:10

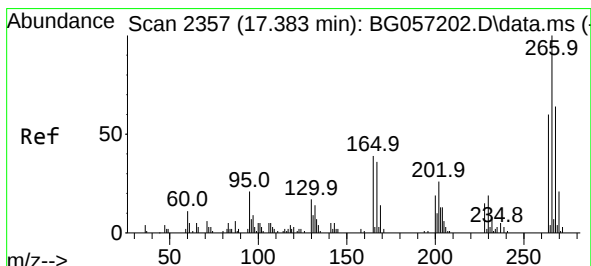
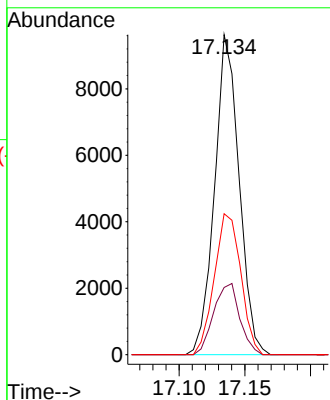
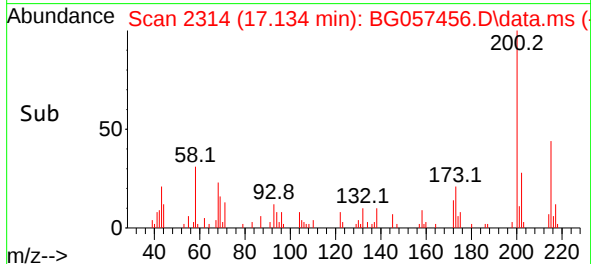
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT2-2023



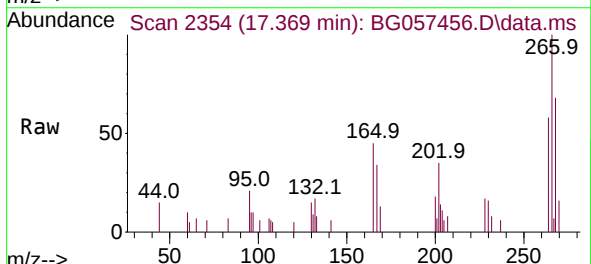
Tgt Ion:200 Resp: 12480
 Ion Ratio Lower Upper
 200 100
 173 21.0 4.3 44.3
 215 44.1 29.3 69.3

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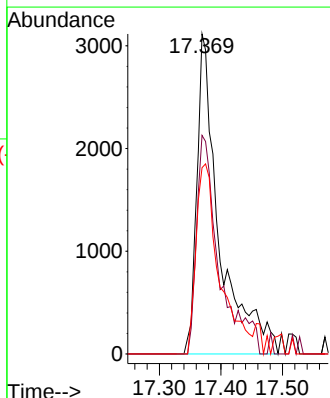
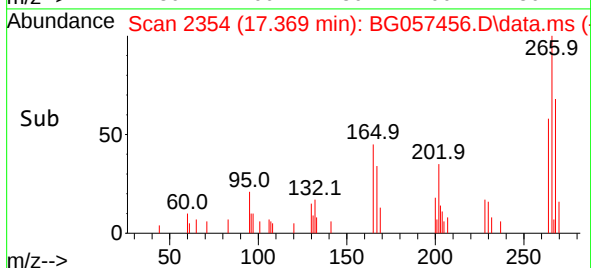
Reviewed By :Christian Giraldo 05/19/2023
 Supervised By :Jagrut Upadhyay 05/22/2023

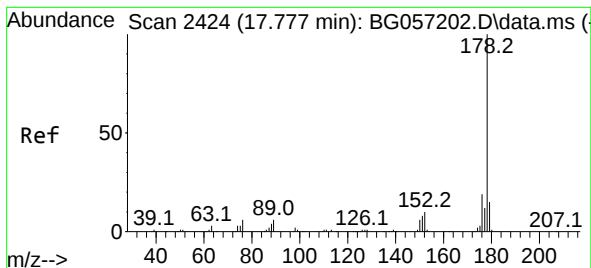


#70
 Pentachlorophenol
 Concen: 8.101 ng m
 RT: 17.369 min Scan# 2354
 Delta R.T. -0.005 min
 Lab File: BG057456.D
 Acq: 18 May 2023 11:10



Tgt Ion:266 Resp: 7941
 Ion Ratio Lower Upper
 266 100
 268 68.3 51.0 76.6
 264 58.2 47.8 71.6





#71

Phenanthrene

Concen: 7.815 ng

RT: 17.757 min Scan# 2424

Delta R.T. -0.006 min

Lab File: BG057456.D

Acq: 18 May 2023 11:10

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT2-2023

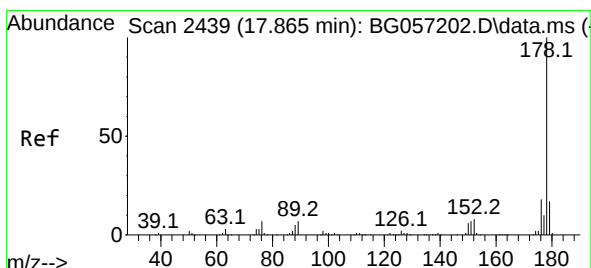
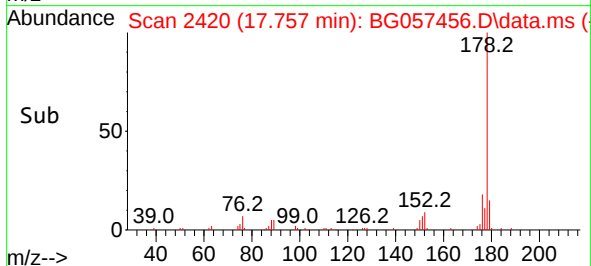
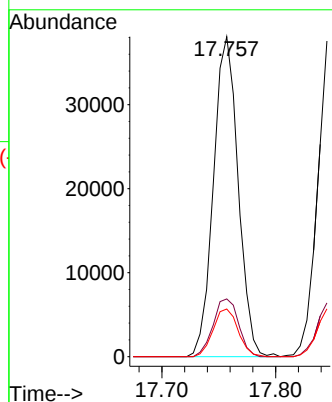
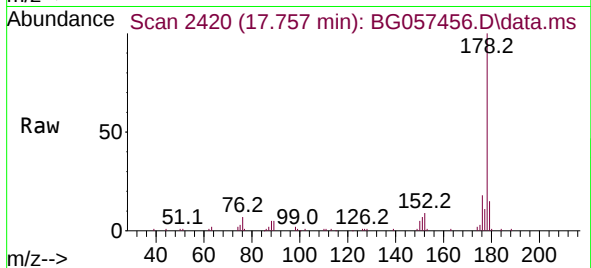
Tgt Ion:178	Resp:	57419
Ion Ratio	Lower	Upper
178	100	
176	18.1	15.4 23.2
179	14.9	12.3 18.5

Manual Integrations

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Reviewed By :Christian Giraldo 05/19/2023

Supervised By :Jagrut Upadhyay 05/22/2023



#72

Anthracene

Concen: 7.536 ng

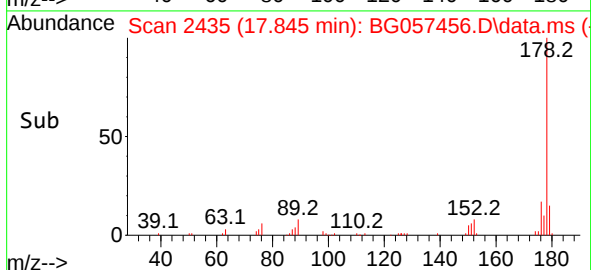
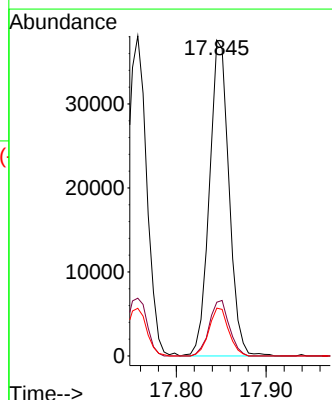
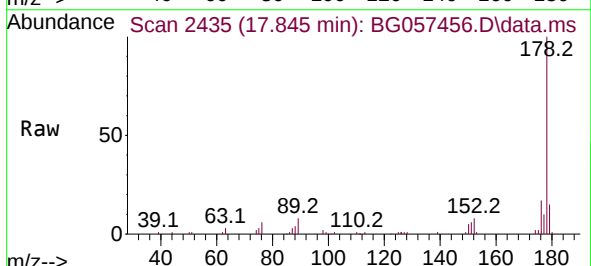
RT: 17.845 min Scan# 2435

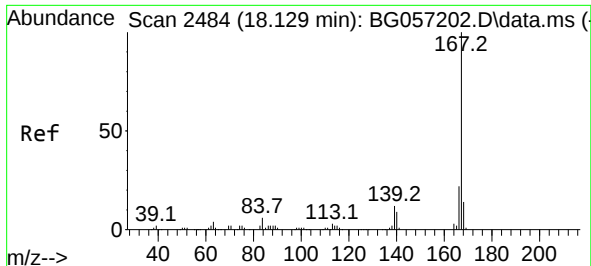
Delta R.T. -0.005 min

Lab File: BG057456.D

Acq: 18 May 2023 11:10

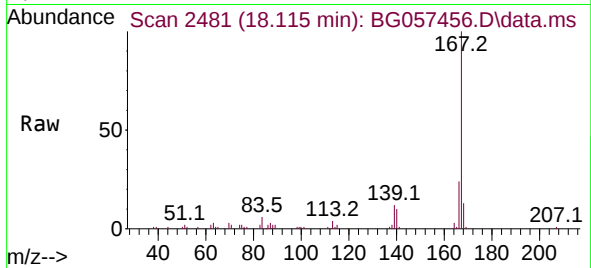
Tgt Ion:178	Resp:	56817
Ion Ratio	Lower	Upper
178	100	
176	17.0	14.7 22.1
179	15.2	13.2 19.8





#73
Carbazole
Concen: 7.647 ng
RT: 18.115 min Scan# 2481
Delta R.T. -0.005 min
Lab File: BG057456.D
Acq: 18 May 2023 11:10

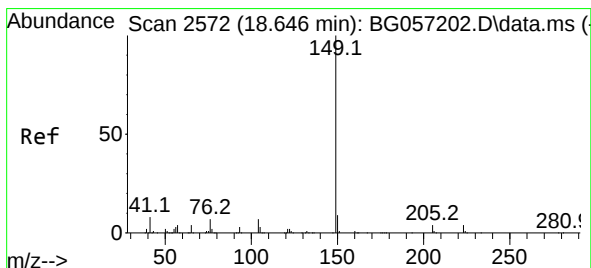
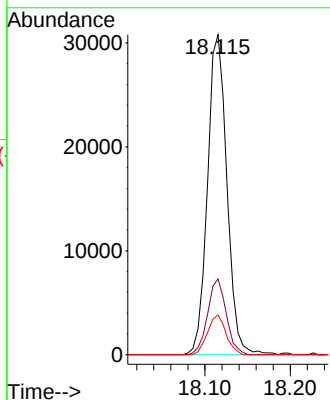
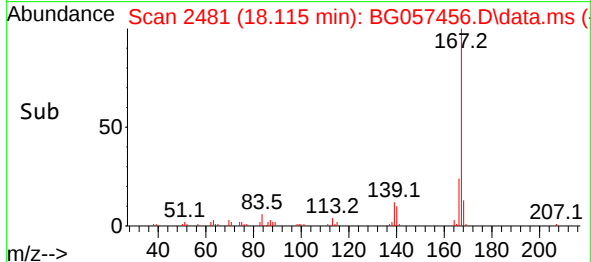
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023



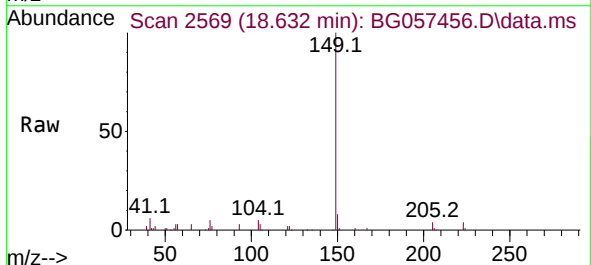
Tgt Ion:167 Resp: 4853
Ion Ratio Lower Upper
167 100
166 23.7 17.4 26.0
139 12.4 9.6 14.4

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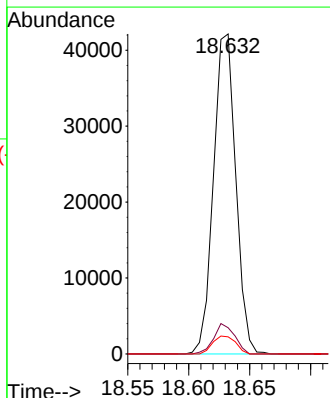
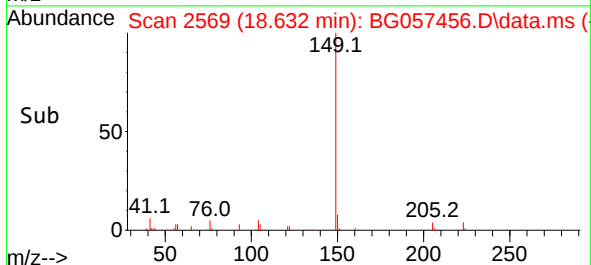
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023

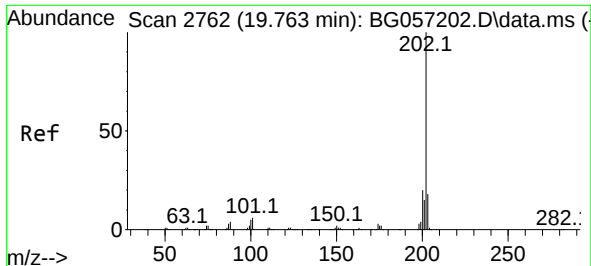


#74
Di-n-butylphthalate
Concen: 7.344 ng
RT: 18.632 min Scan# 2569
Delta R.T. -0.005 min
Lab File: BG057456.D
Acq: 18 May 2023 11:10



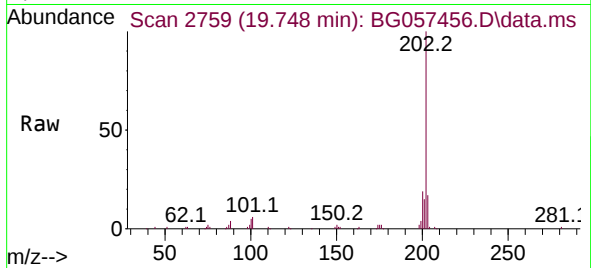
Tgt Ion:149 Resp: 53631
Ion Ratio Lower Upper
149 100
150 8.2 7.3 10.9
104 5.4 5.4 8.2#





#75
Fluoranthene
Concen: 7.448 ng
RT: 19.748 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG057456.D
Acq: 18 May 2023 11:10

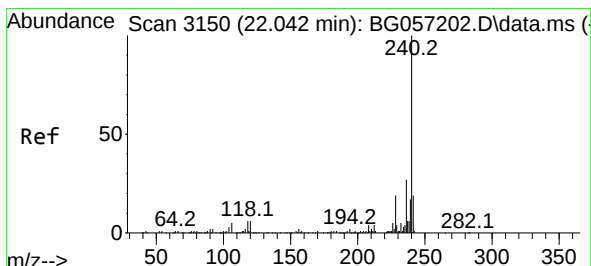
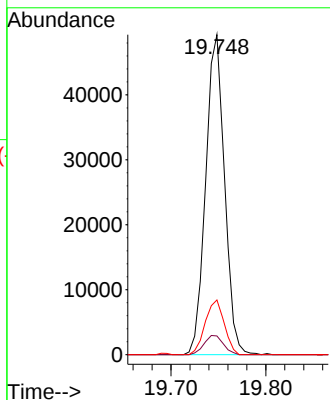
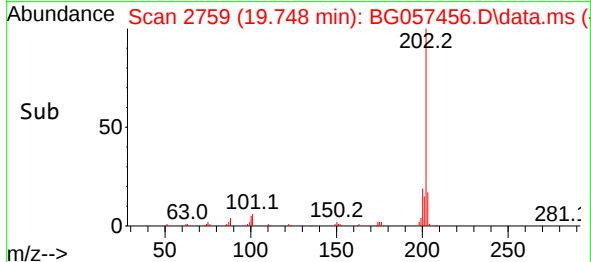
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion:202 Resp: 68059
Ion Ratio Lower Upper
202 100
101 5.8 0.0 26.2
203 17.1 0.0 37.9

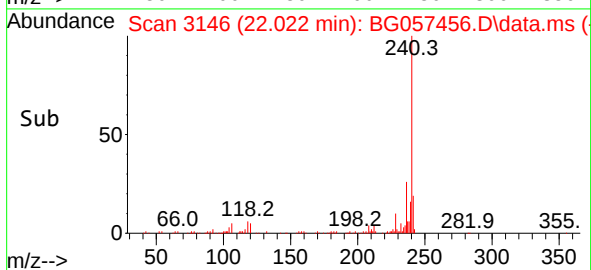
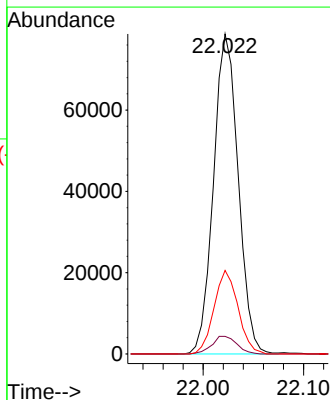
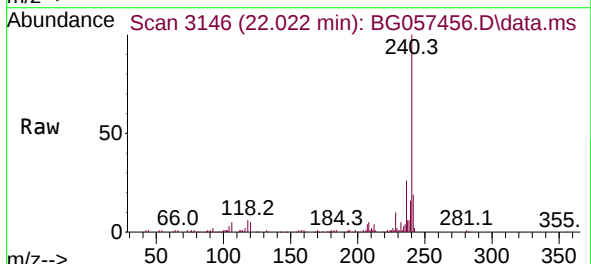
Manual Integrations
APPROVED

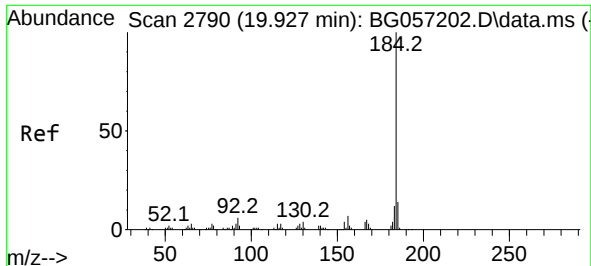
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.022 min Scan# 3146
Delta R.T. -0.011 min
Lab File: BG057456.D
Acq: 18 May 2023 11:10

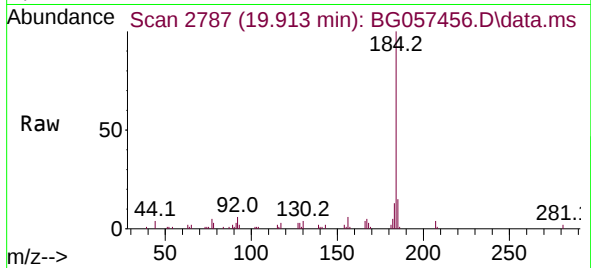
Tgt Ion:240 Resp: 134312
Ion Ratio Lower Upper
240 100
120 5.5 4.9 7.3
236 26.1 21.4 32.2





#77
Benzidine
Concen: 9.607 ng
RT: 19.913 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG057456.D
Acq: 18 May 2023 11:10

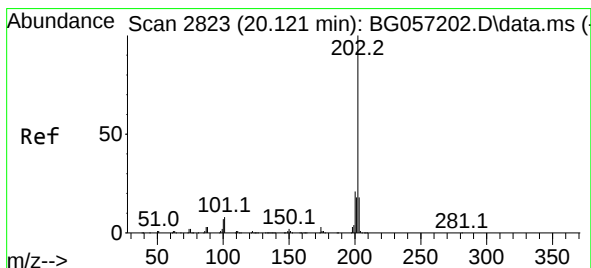
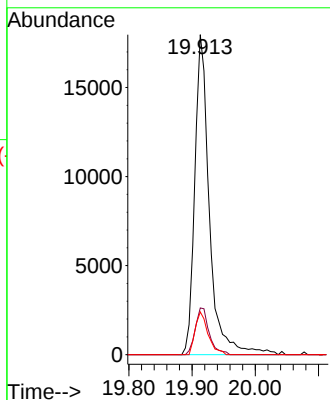
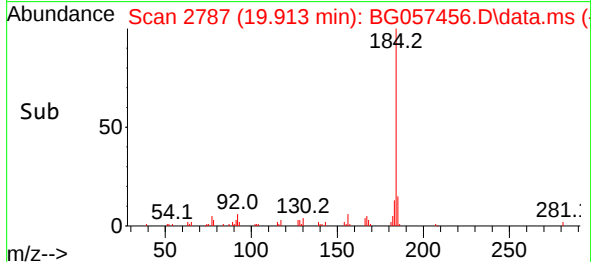
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion:184 Resp: 2884
Ion Ratio Lower Upper
184 100
185 14.6 11.1 16.7
183 13.3 9.9 14.9

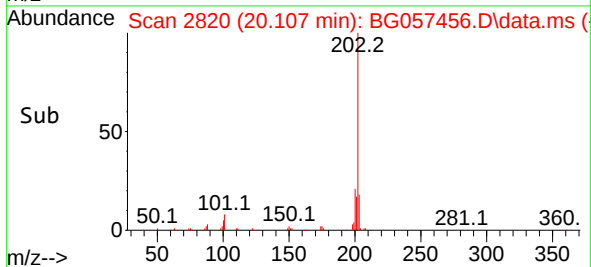
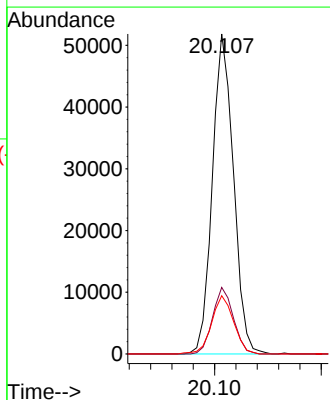
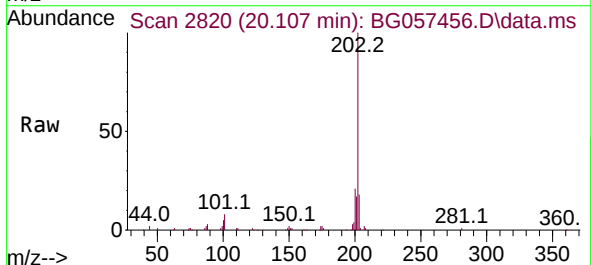
Manual Integrations
APPROVED

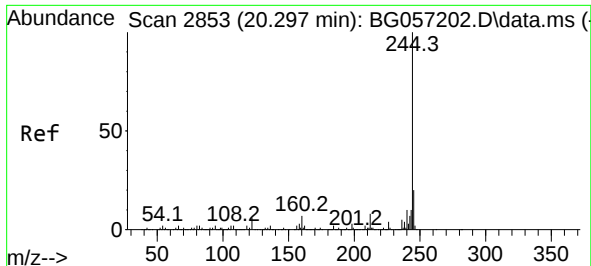
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#78
Pyrene
Concen: 7.284 ng
RT: 20.107 min Scan# 2820
Delta R.T. -0.005 min
Lab File: BG057456.D
Acq: 18 May 2023 11:10

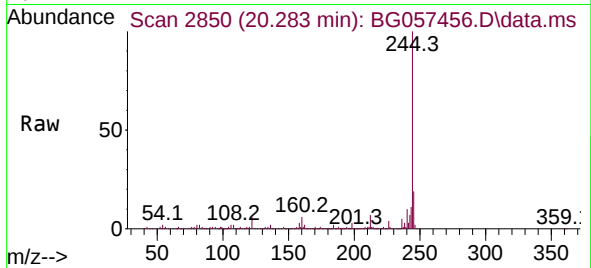
Tgt Ion:202 Resp: 71093
Ion Ratio Lower Upper
202 100
200 20.8 17.0 25.4
203 18.2 14.2 21.4





#79
 Terphenyl-d14
 Concen: 62.017 ng
 RT: 20.283 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG057456.D
 Acq: 18 May 2023 11:10

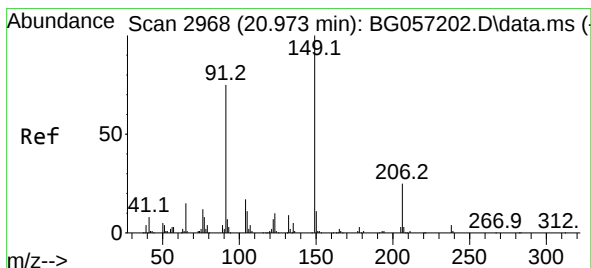
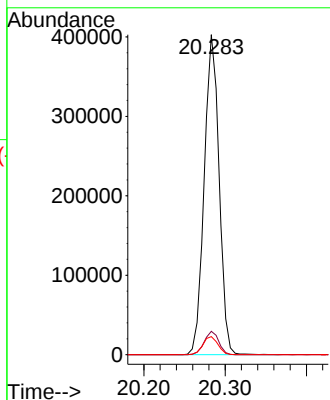
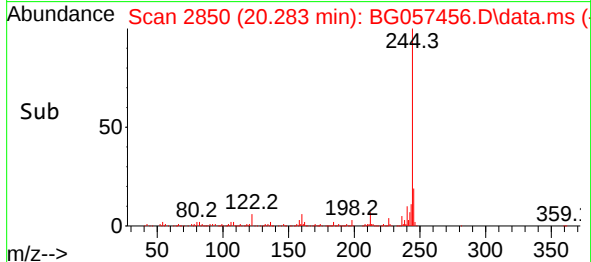
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT2-2023



Tgt Ion:244 Resp: 510419
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 5.6 5.1 7.7

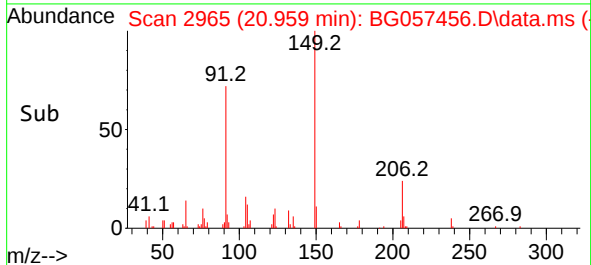
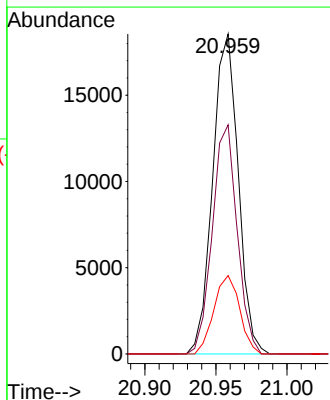
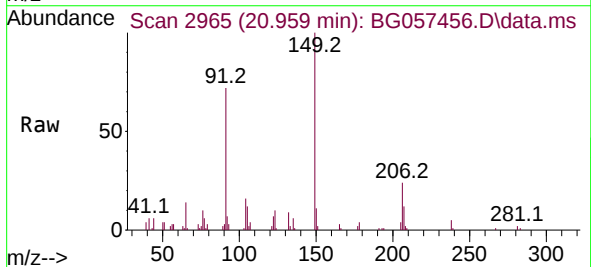
Manual Integrations
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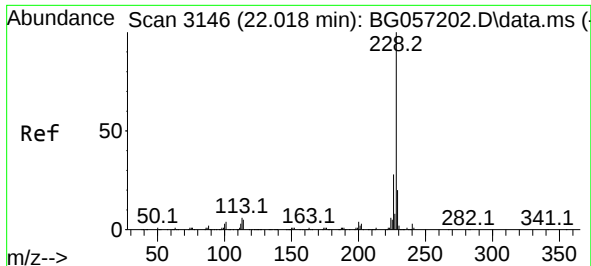
Reviewed By :Christian Giraldo 05/19/2023
 Supervised By :Jagrut Upadhyay 05/22/2023



#80
 Butylbenzylphthalate
 Concen: 7.467 ng
 RT: 20.959 min Scan# 2965
 Delta R.T. -0.005 min
 Lab File: BG057456.D
 Acq: 18 May 2023 11:10

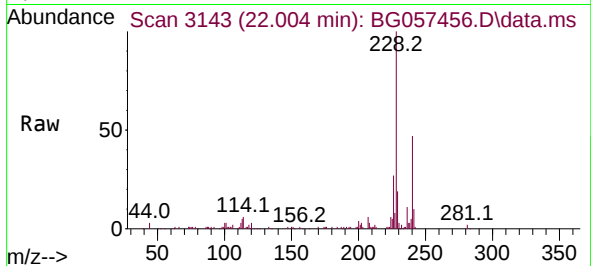
Tgt Ion:149 Resp: 23122
 Ion Ratio Lower Upper
 149 100
 91 71.6 59.7 89.5
 206 24.5 19.7 29.5





#81
Benzo(a)anthracene
Concen: 7.538 ng
RT: 22.004 min Scan# 3143
Delta R.T. -0.006 min
Lab File: BG057456.D
Acq: 18 May 2023 11:10

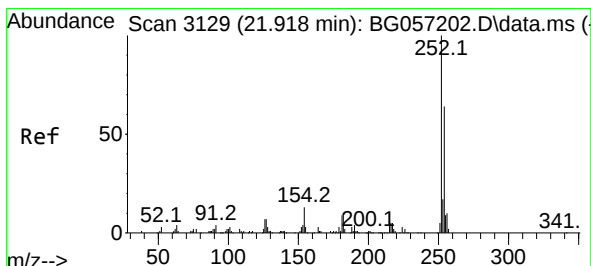
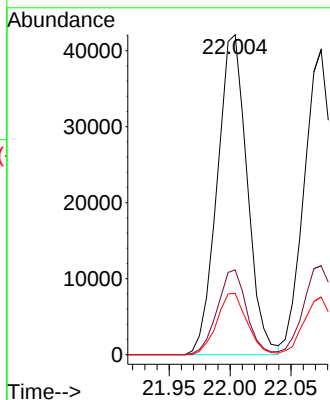
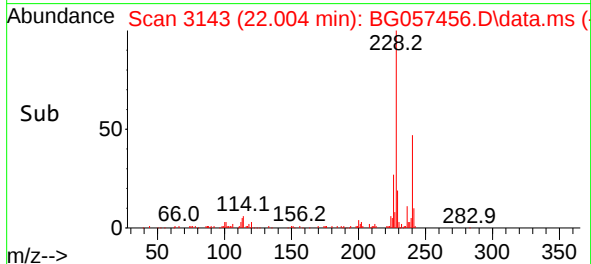
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion:228 Resp: 72135
Ion Ratio Lower Upper
228 100
226 26.5 22.0 33.0
229 19.2 15.8 23.8

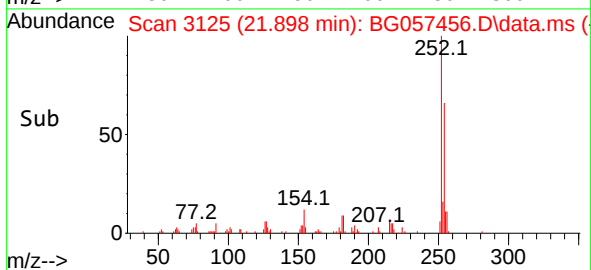
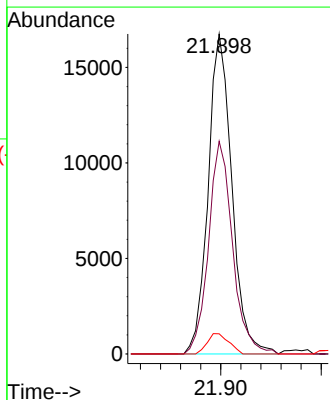
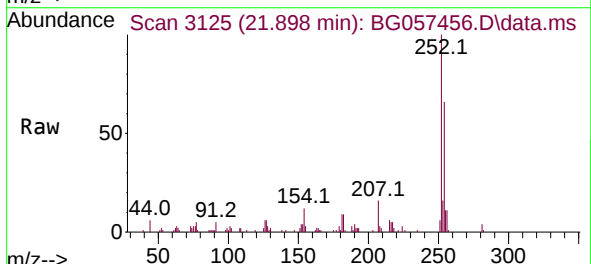
Manual Integrations
APPROVED

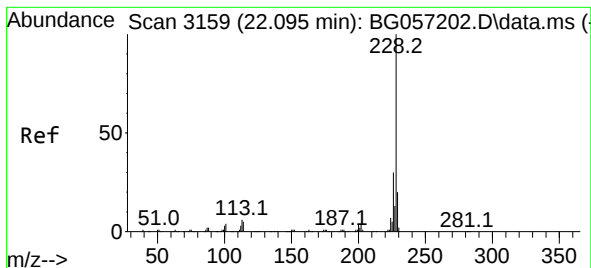
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#82
3,3'-Dichlorobenzidine
Concen: 8.961 ng
RT: 21.898 min Scan# 3125
Delta R.T. -0.005 min
Lab File: BG057456.D
Acq: 18 May 2023 11:10

Tgt Ion:252 Resp: 27467
Ion Ratio Lower Upper
252 100
254 66.4 51.4 77.0
126 6.3 5.9 8.9





#83

Chrysene

Concen: 7.554 ng

RT: 22.075 min Scan# 3155

Delta R.T. -0.005 min

Lab File: BG057456.D

Acq: 18 May 2023 11:10

Instrument :

BNA_G

ClientSampleId :

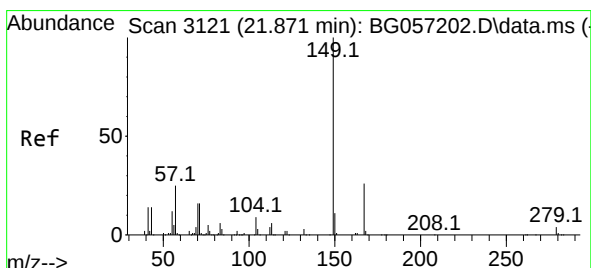
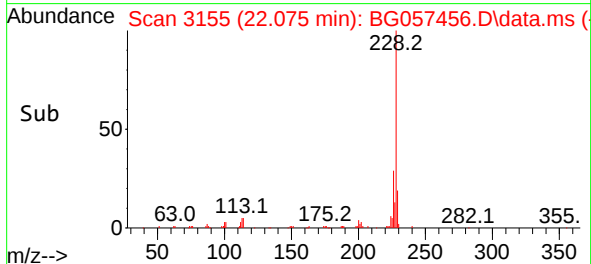
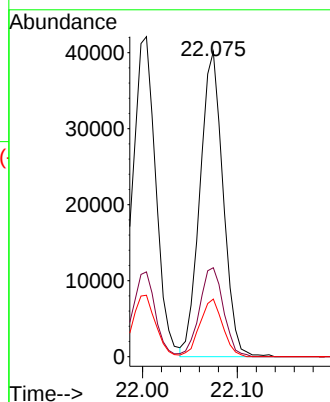
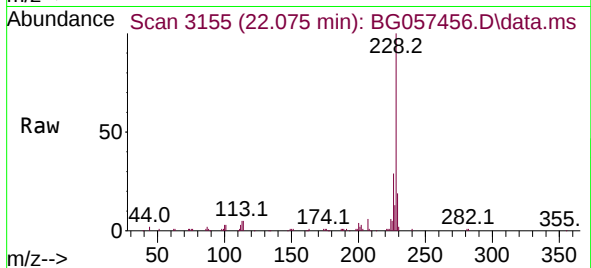
LOQ-WATER-02-QT2-2023

Tgt Ion:	228	Resp:	6801
Ion Ratio	Lower	Upper	
228	100		
226	29.2	24.3	36.5
229	18.9	15.9	23.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 7.293 ng

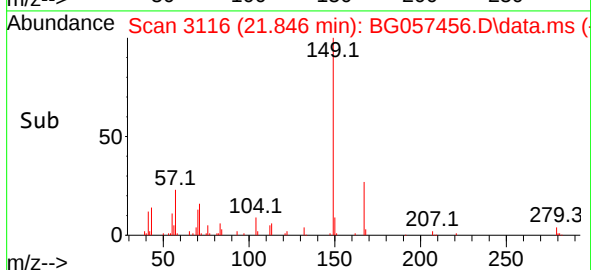
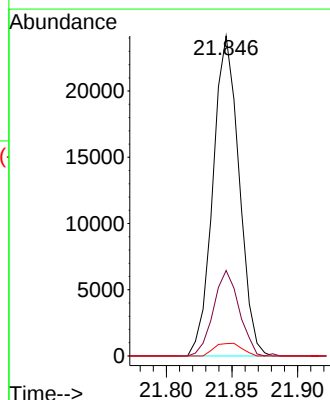
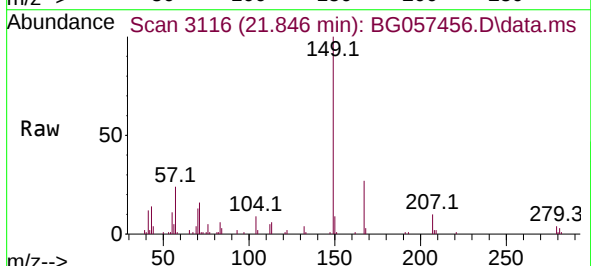
RT: 21.846 min Scan# 3116

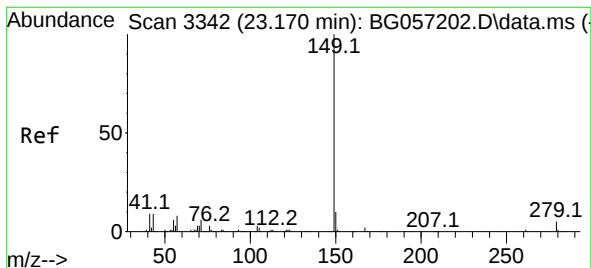
Delta R.T. -0.011 min

Lab File: BG057456.D

Acq: 18 May 2023 11:10

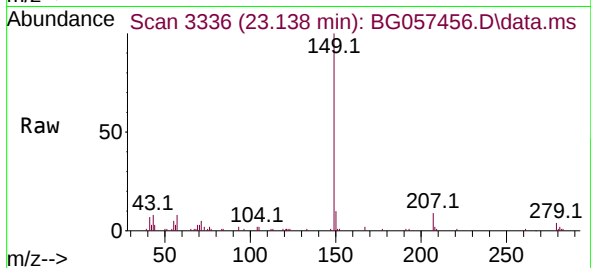
Tgt Ion:	149	Resp:	33415
Ion Ratio	Lower	Upper	
149	100		
167	26.7	21.2	31.8
279	3.9	3.5	5.3





#85
Di-n-octyl phthalate
Concen: 7.225 ng
RT: 23.138 min Scan# 31
Delta R.T. -0.011 min
Lab File: BG057456.D
Acq: 18 May 2023 11:10

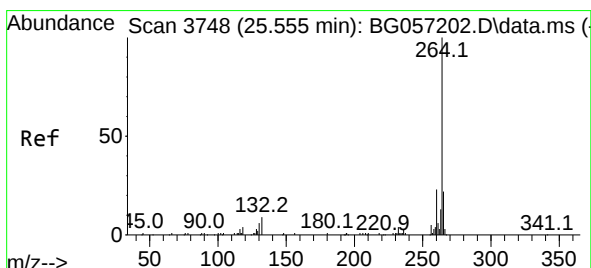
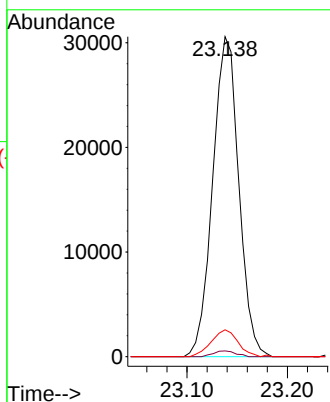
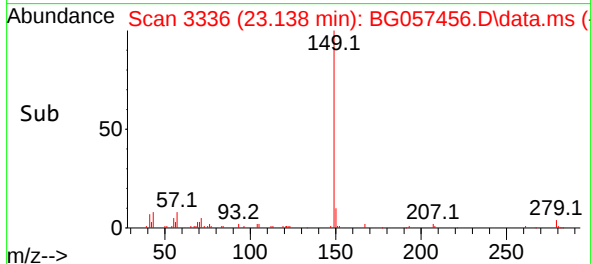
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023



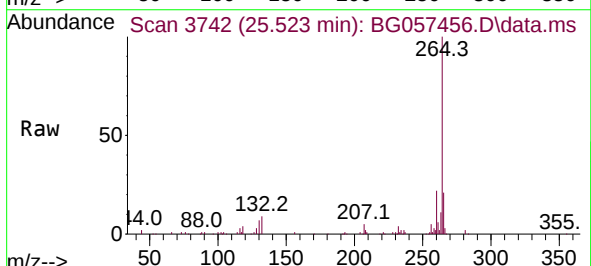
Tgt Ion:149 Resp: 5518
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 8.7 7.8 11.8

Manual Integrations
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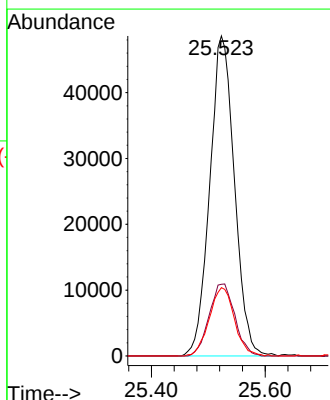
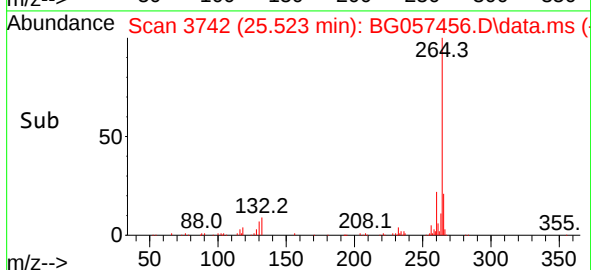
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023

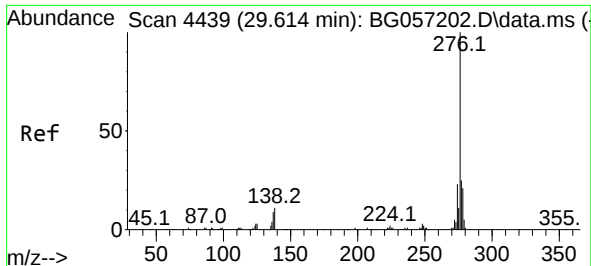


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.523 min Scan# 3742
Delta R.T. -0.011 min
Lab File: BG057456.D
Acq: 18 May 2023 11:10



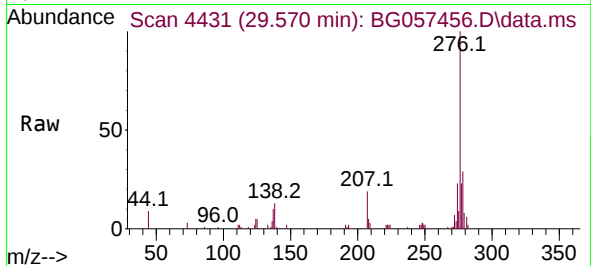
Tgt Ion:264 Resp: 146352
Ion Ratio Lower Upper
264 100
260 22.4 18.8 28.2
265 21.4 17.9 26.9





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 7.234 ng
 RT: 29.570 min Scan# 4439
 Delta R.T. -0.029 min
 Lab File: BG057456.D
 Acq: 18 May 2023 11:10

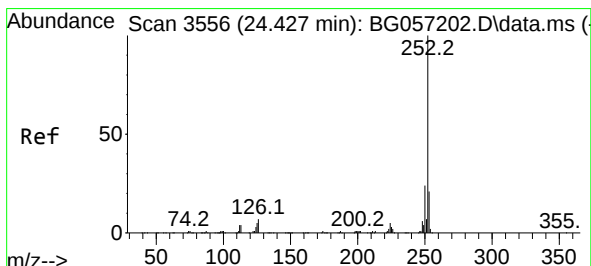
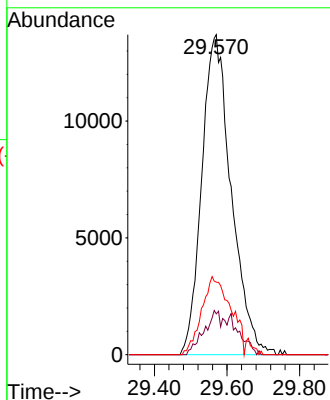
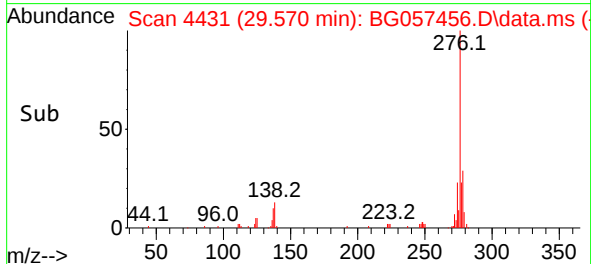
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT2-2023



Tgt Ion:276 Resp: 7715
 Ion Ratio Lower Upper
 276 100
 138 8.8 5.4 8.0
 277 23.9 20.6 30.8

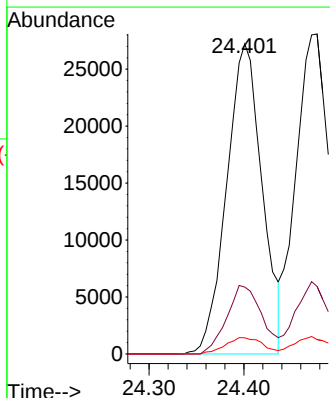
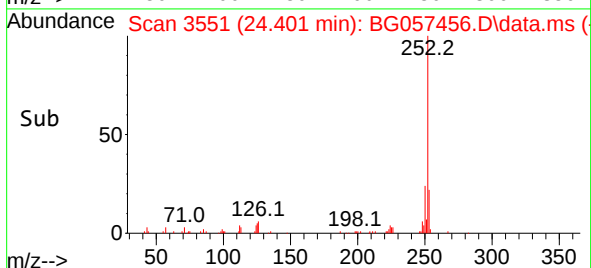
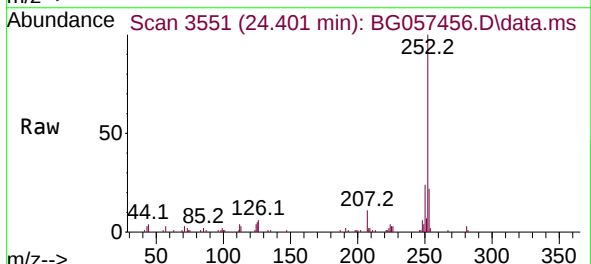
Manual Integrations
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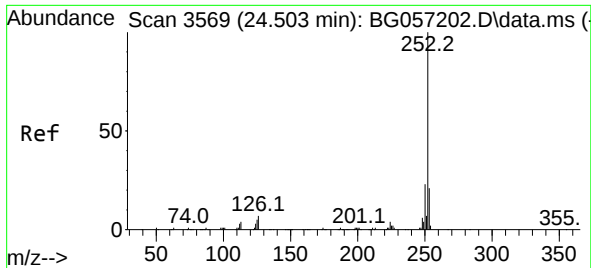
Reviewed By :Christian Giraldo 05/19/2023
 Supervised By :Jagrut Upadhyay 05/22/2023



#88
 Benzo(b)fluoranthene
 Concen: 7.393 ng
 RT: 24.401 min Scan# 3551
 Delta R.T. -0.011 min
 Lab File: BG057456.D
 Acq: 18 May 2023 11:10

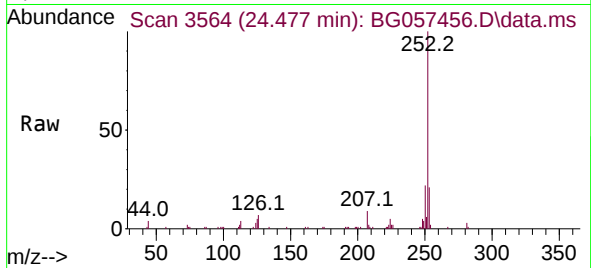
Tgt Ion:252 Resp: 70724
 Ion Ratio Lower Upper
 252 100
 253 21.6 17.0 25.6
 125 5.2 4.2 6.2





#89
Benzo(k)fluoranthene
Concen: 7.392 ng
RT: 24.477 min Scan# 3114
Delta R.T. -0.011 min
Lab File: BG057456.D
Acq: 18 May 2023 11:10

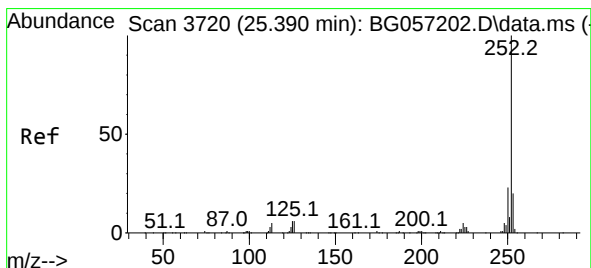
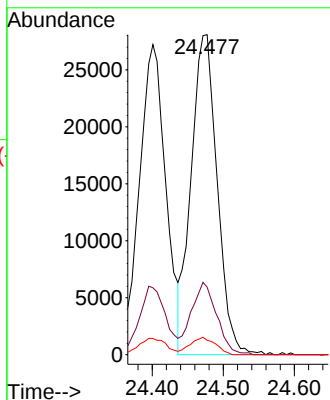
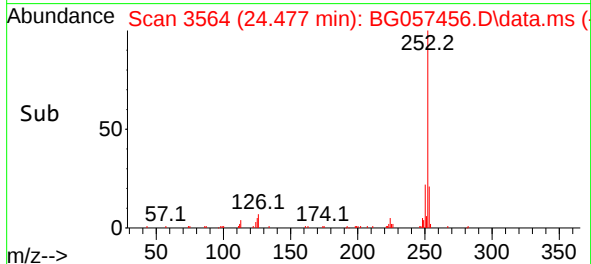
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion:252 Resp: 71859
Ion Ratio Lower Upper
252 100
253 21.1 17.4 26.0
125 4.5 4.1 6.1

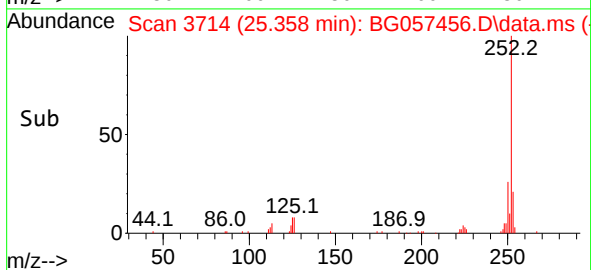
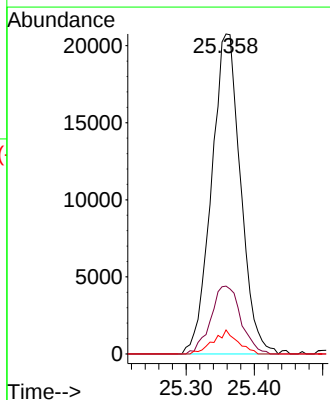
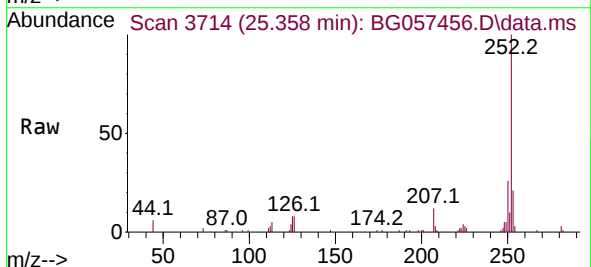
Manual Integrations
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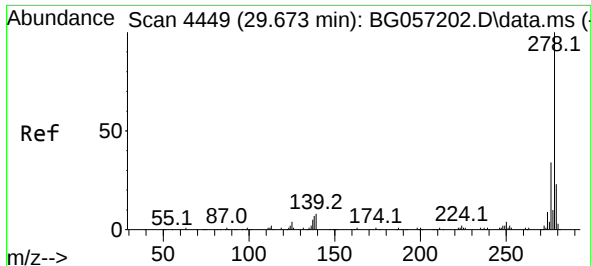
Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#90
Benzo(a)pyrene
Concen: 6.568 ng
RT: 25.358 min Scan# 3714
Delta R.T. -0.017 min
Lab File: BG057456.D
Acq: 18 May 2023 11:10

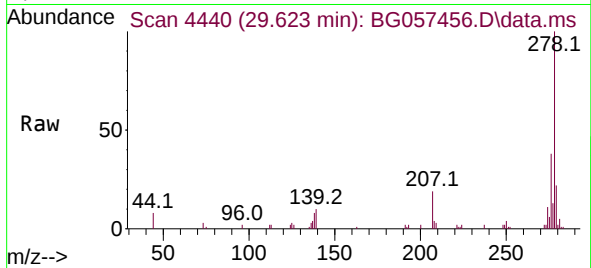
Tgt Ion:252 Resp: 61386
Ion Ratio Lower Upper
252 100
253 21.2 16.3 24.5
125 7.5 5.0 7.4#





#91
Dibenzo(a,h)anthracene
Concen: 7.235 ng
RT: 29.623 min Scan# 4449
Delta R.T. -0.029 min
Lab File: BG057456.D
Acq: 18 May 2023 11:10

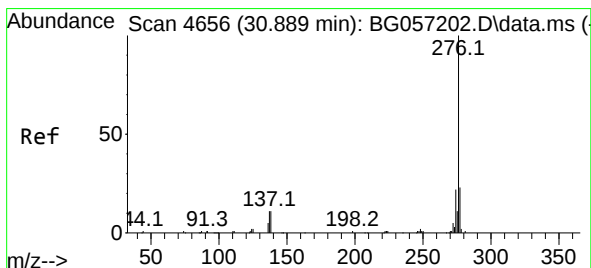
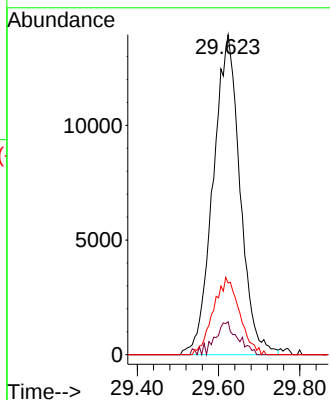
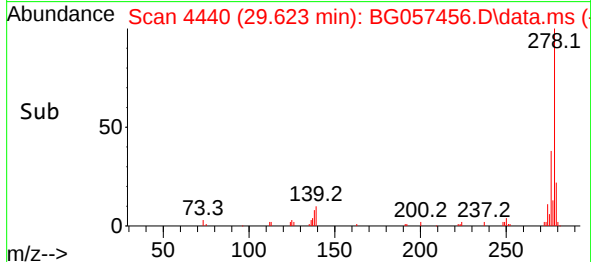
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023



Tgt Ion:278 Resp: 6427
Ion Ratio Lower Upper
278 100
139 10.3 6.2 9.2
279 22.4 18.6 27.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#92
Benzo(g,h,i)perylene
Concen: 7.132 ng
RT: 30.833 min Scan# 4646
Delta R.T. -0.041 min
Lab File: BG057456.D
Acq: 18 May 2023 11:10

Tgt Ion:276 Resp: 61861
Ion Ratio Lower Upper
276 100
277 25.0 18.4 27.6
138 11.2 9.0 13.4

