

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051923\
 Data File : BG057466.D
 Acq On : 19 May 2023 13:52
 Operator : CG/JU
 Sample : 02213-09
 Misc : MDL-MDL-WATER 8ppm
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT2-2023

Manual Integrations
 APPROVED

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

Quant Time: May 20 07:04:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 20 04:19:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.361	152	17698	20.000	ng	0.00
21) Naphthalene-d8	11.198	136	72390	20.000	ng	0.00
39) Acenaphthene-d10	14.970	164	58195	20.000	ng	0.00
64) Phenanthrene-d10	17.713	188	146663	20.000	ng	0.00
76) Chrysene-d12	22.019	240	136110	20.000	ng	0.00
86) Perylene-d12	25.514	264	143272	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.870	112	110601	106.902	ng	0.00
7) Phenol-d6	7.497	99	167704	106.744	ng	0.00
23) Nitrobenzene-d5	9.536	82	123100	71.372	ng	0.00
42) 2,4,6-Tribromophenol	16.456	330	96693	117.101	ng	0.00
45) 2-Fluorobiphenyl	13.595	172	330426	76.470	ng	0.00
79) Terphenyl-d14	20.280	244	616623	73.931	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.679	88	3846	8.991	ng	# 85
3) Pyridine	4.114	79	8603	6.258	ng	92
4) n-Nitrosodimethylamine	4.014	42	4264	6.600	ng	# 96
6) Aniline	7.668	93	15225	7.639	ng	96
8) 2-Chlorophenol	7.914	128	8949	8.186	ng	96
9) Benzaldehyde	7.486	77	9870	5.894	ng	96
10) Phenol	7.527	94	11555	7.545	ng	96
11) bis(2-Chloroethyl)ether	7.756	93	9006	7.798	ng	98
12) 1,3-Dichlorobenzene	8.249	146	9938	8.236	ng	99
13) 1,4-Dichlorobenzene	8.396	146	10317	8.512	ng	92
14) 1,2-Dichlorobenzene	8.719	146	9797	8.373	ng	94
15) Benzyl Alcohol	8.590	79	8598	6.569	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.866	45	10563	7.257	ng	97
17) 2-Methylphenol	8.796	107	8033	7.276	ng	96
18) Hexachloroethane	9.453	117	3859	8.823	ng	92
19) n-Nitroso-di-n-propyla...	9.154	70	8432	7.039	ng	# 97
20) 3+4-Methylphenols	9.124	107	10647	7.043	ng	91
22) Acetophenone	9.189	105	15449	7.456	ng	# 97
24) Nitrobenzene	9.583	77	12405	7.126	ng	99
25) Isophorone	10.094	82	22690	6.784	ng	99
26) 2-Nitrophenol	10.305	139	5250	7.879	ng	94
27) 2,4-Dimethylphenol	10.340	122	8811	7.551	ng	97
28) bis(2-Chloroethoxy)met...	10.570	93	12648	7.549	ng	99
29) 2,4-Dichlorophenol	10.846	162	10472	8.462	ng	93
30) 1,2,4-Trichlorobenzene	11.051	180	11315	7.927	ng	94
31) Naphthalene	11.245	128	30525	7.887	ng	99
32) Benzoic acid	10.552	122	305	5.126	ng	# 67
33) 4-Chloroaniline	11.351	127	12628	7.266	ng	96
34) Hexachlorobutadiene	11.515	225	7918	7.476	ng	97
35) Caprolactam	12.097	113	2653	6.276	ng	90
36) 4-Chloro-3-methylphenol	12.444	107	10985	7.811	ng	94
37) 2-Methylnaphthalene	12.825	142	23288	7.653	ng	93
38) 1-Methylnaphthalene	13.043	142	22076	7.697	ng	97
40) 1,2,4,5-Tetrachloroben...	13.184	216	16742	8.104	ng	# 98
41) Hexachlorocyclopentadiene	13.160	237	2308	8.436	ng	84
43) 2,4,6-Trichlorophenol	13.425	196	9162	7.279	ng	94

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Instrument :
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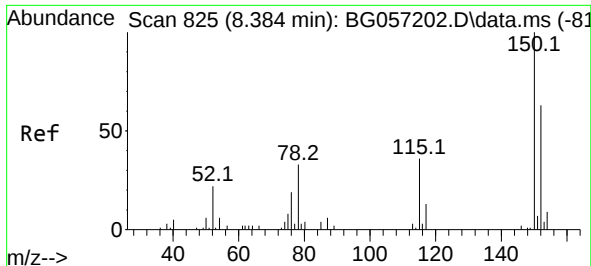
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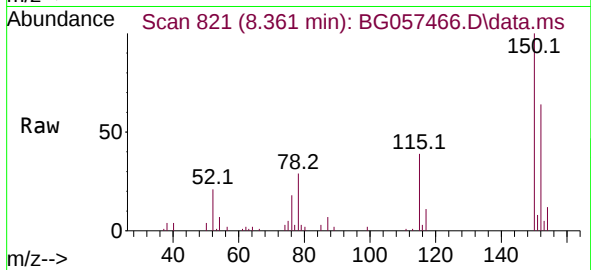
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.501	196	10222	6.904	ng	93
46) 1,1'-Biphenyl	13.806	154	34528	7.996	ng	97
47) 2-Chloronaphthalene	13.859	162	26740	8.327	ng	98
48) 2-Nitroaniline	14.059	65	7336	6.719	ng	95
49) Acenaphthylene	14.699	152	40981	7.855	ng	99
50) Dimethylphthalate	14.406	163	35487	7.421	ng	99
51) 2,6-Dinitrotoluene	14.535	165	7366	7.544	ng	91
52) Acenaphthene	15.034	154	25073	7.691	ng	91
53) 3-Nitroaniline	14.870	138	7243	7.405	ng	# 74
54) 2,4-Dinitrophenol	15.105	184	1110	6.639	ng	95
55) Dibenzofuran	15.363	168	42540	7.767	ng	98
56) 4-Nitrophenol	15.193	139	3789	5.824	ng	# 88
57) 2,4-Dinitrotoluene	15.322	165	10526	7.543	ng	93
58) Fluorene	16.009	166	36066	7.994	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.598	232	10267	7.649	ng	# 97
60) Diethylphthalate	15.751	149	35315	7.272	ng	94
61) 4-Chlorophenyl-phenyle...	15.992	204	20791	7.650	ng	97
62) 4-Nitroaniline	16.033	138	6761	6.851	ng	# 83
63) Azobenzene	16.285	77	32561	6.949	ng	95
65) 4,6-Dinitro-2-methylph...	16.097	198	5008	5.719	ng	91
66) n-Nitrosodiphenylamine	16.203	169	30420	7.637	ng	99
67) 4-Bromophenyl-phenylether	16.885	248	13865	7.744	ng	97
68) Hexachlorobenzene	17.020	284	15083	8.669	ng	92
69) Atrazine	17.131	200	13351	8.786	ng	94
70) Pentachlorophenol	17.366	266	5661m	5.646	ng	
71) Phenanthrene	17.754	178	59656	7.938	ng	98
72) Anthracene	17.848	178	60253	7.814	ng	97
73) Carbazole	18.112	167	51428	7.922	ng	98
74) Di-n-butylphthalate	18.629	149	54499	7.296	ng	98
75) Fluoranthene	19.745	202	71962	7.699	ng	98
77) Benzidine	19.910	184	34946	11.484	ng	96
78) Pyrene	20.104	202	72826	7.363	ng	98
80) Butylbenzylphthalate	20.956	149	23453	7.473	ng	89
81) Benzo(a)anthracene	21.995	228	73305	7.559	ng	98
82) 3,3'-Dichlorobenzidine	21.895	252	28821	9.279	ng	95
83) Chrysene	22.066	228	69232	7.588	ng	99
84) Bis(2-ethylhexyl)phtha...	21.837	149	33774	7.274	ng	98
85) Di-n-octyl phthalate	23.129	149	57773	7.463	ng	97
87) Indeno(1,2,3-cd)pyrene	29.550	276	80588	7.718	ng	99
88) Benzo(b)fluoranthene	24.392	252	73570	7.855	ng	97
89) Benzo(k)fluoranthene	24.463	252	72297	7.597	ng	98
90) Benzo(a)pyrene	25.344	252	62827	6.866	ng	96
91) Dibenzo(a,h)anthracene	29.603	278	66371	7.632	ng	95
92) Benzo(g,h,i)perylene	30.819	276	64775	7.629	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.361 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG057466.D
Acq: 19 May 2023 13:52

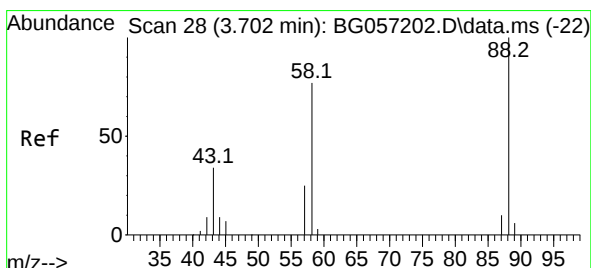
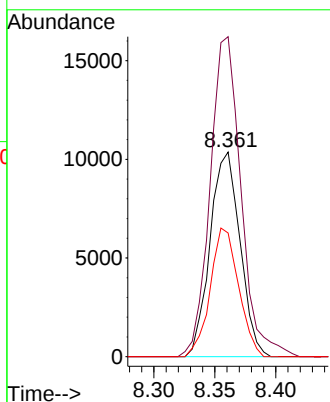
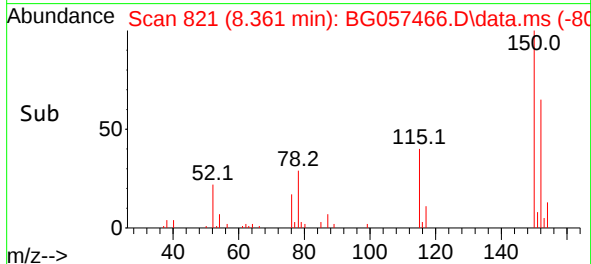
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion:152 Resp: 1769
Ion Ratio Lower Upper
152 100
150 156.3 126.2 189.4
115 60.5 45.0 67.4

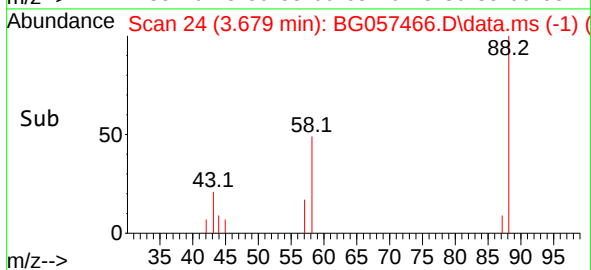
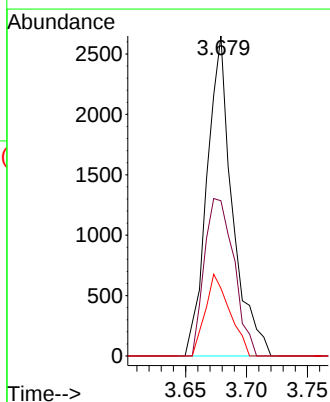
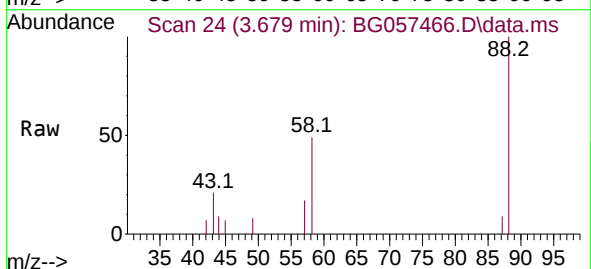
Manual Integrations
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Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#2
1,4-Dioxane
Concen: 8.991 ng
RT: 3.679 min Scan# 24
Delta R.T. 0.005 min
Lab File: BG057466.D
Acq: 19 May 2023 13:52

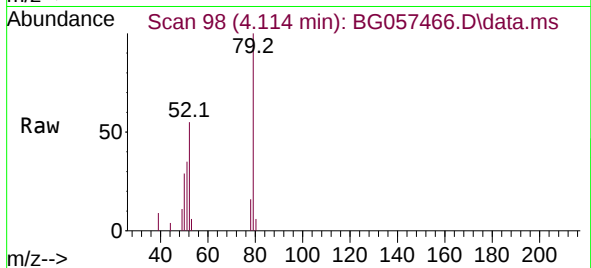
Tgt Ion: 88 Resp: 3846
Ion Ratio Lower Upper
88 100
58 57.0 57.1 85.7#
43 24.5 24.4 36.6





#3
Pyridine
Concen: 6.258 ng
RT: 4.114 min Scan# 90
Delta R.T. 0.011 min
Lab File: BG057466.D
Acq: 19 May 2023 13:52

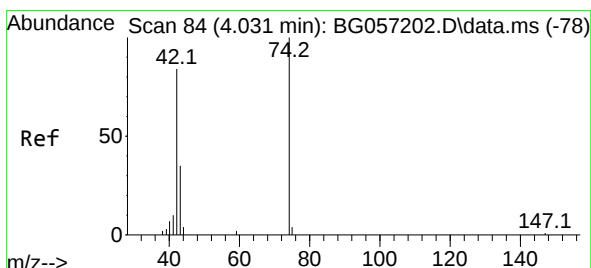
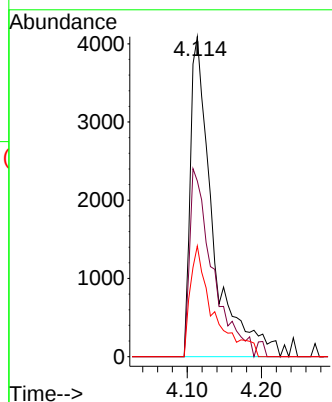
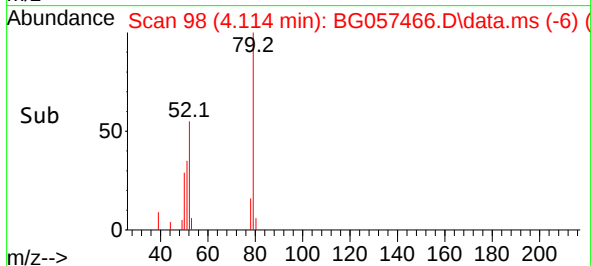
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion: 79 Resp: 860
Ion Ratio Lower Upper
79 100
52 54.9 51.4 77.0
51 34.6 28.0 42.0

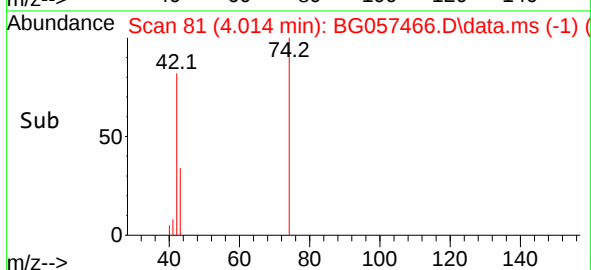
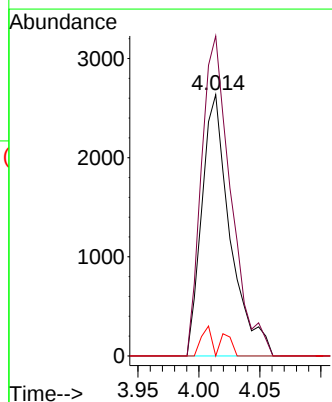
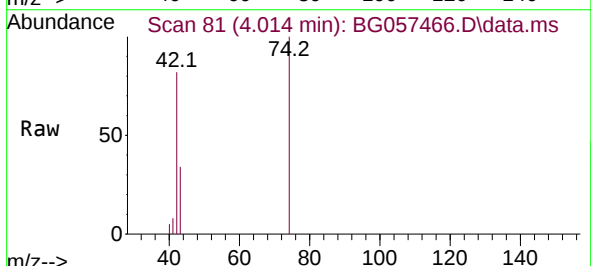
Manual Integrations
APPROVED

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Supervised By :Jagrut Upadhyay 05/22/2023



#4
n-Nitrosodimethylamine
Concen: 6.600 ng
RT: 4.014 min Scan# 81
Delta R.T. 0.005 min
Lab File: BG057466.D
Acq: 19 May 2023 13:52

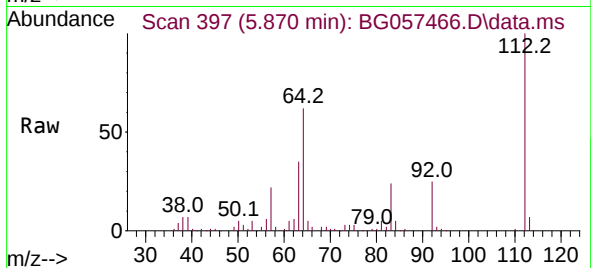
Tgt Ion: 42 Resp: 4264
Ion Ratio Lower Upper
42 100
74 122.5 95.1 142.7
44 0.0 5.8 8.8





#5
2-Fluorophenol
Concen: 106.902 ng
RT: 5.870 min Scan# 397
Delta R.T. -0.001 min
Lab File: BG057466.D
Acq: 19 May 2023 13:52

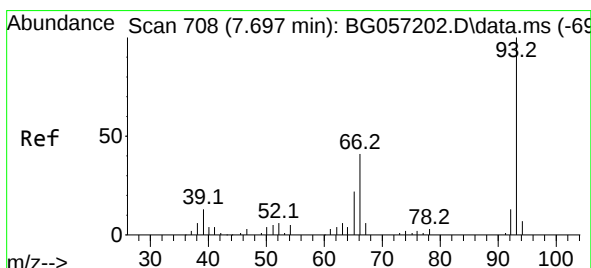
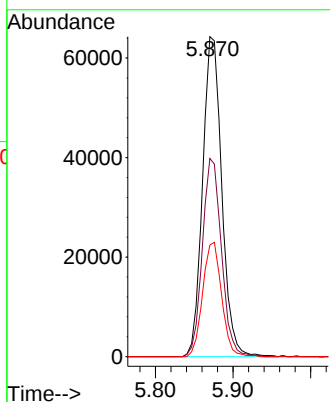
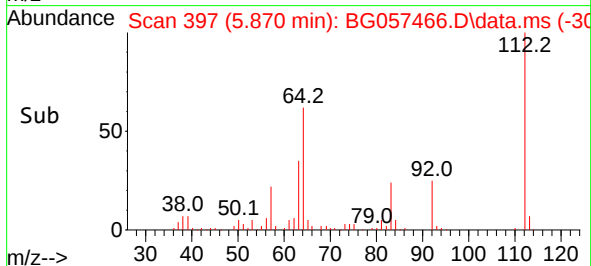
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion:112 Resp: 11060
Ion Ratio Lower Upper
112 100
64 62.0 49.4 74.2
63 34.9 31.6 47.4

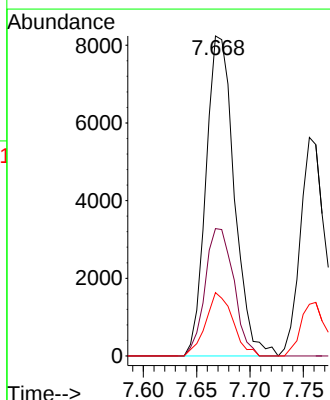
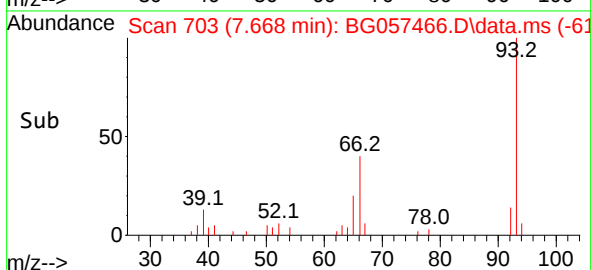
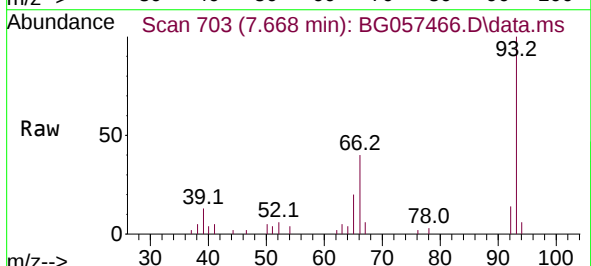
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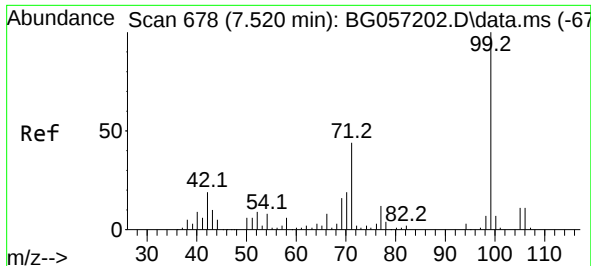
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#6
Aniline
Concen: 7.639 ng
RT: 7.668 min Scan# 703
Delta R.T. -0.007 min
Lab File: BG057466.D
Acq: 19 May 2023 13:52

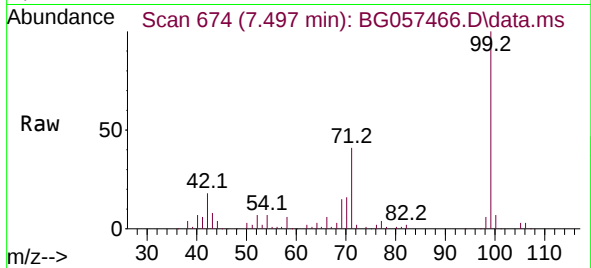
Tgt Ion: 93 Resp: 15225
Ion Ratio Lower Upper
93 100
66 39.8 33.0 49.6
65 19.8 18.0 27.0





#7
Phenol-d6
Concen: 106.744 ng
RT: 7.497 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG057466.D
Acq: 19 May 2023 13:52

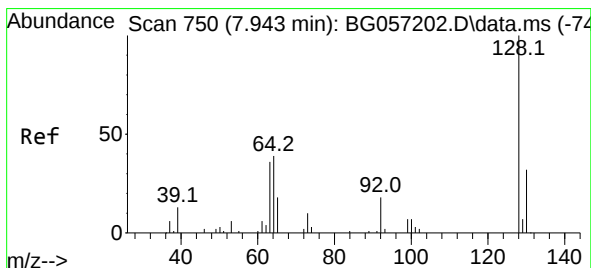
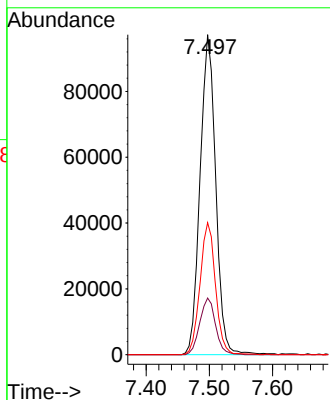
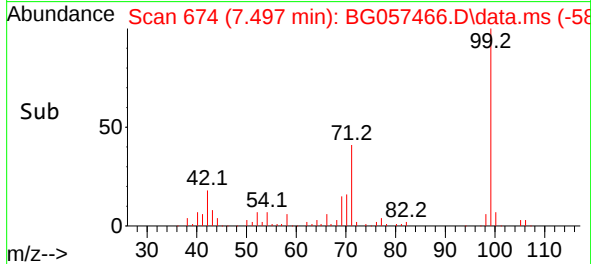
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion: 99 Resp: 167704
Ion Ratio Lower Upper
99 100
42 17.7 15.1 22.7
71 41.2 35.2 52.8

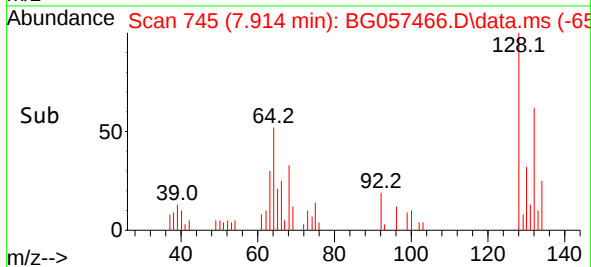
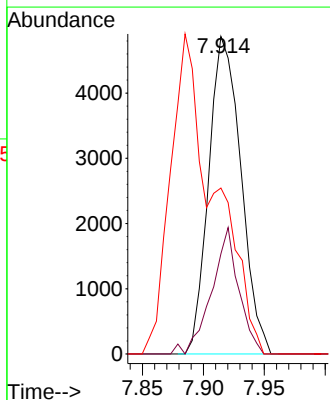
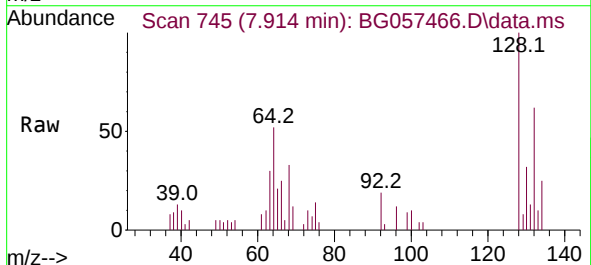
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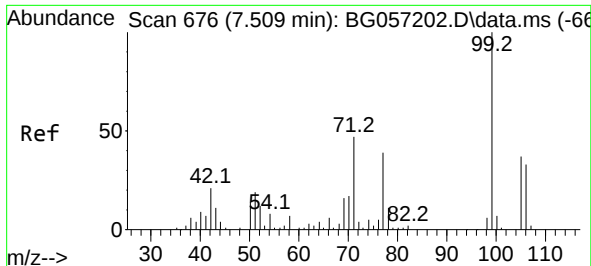
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#8
2-Chlorophenol
Concen: 8.186 ng
RT: 7.914 min Scan# 745
Delta R.T. -0.007 min
Lab File: BG057466.D
Acq: 19 May 2023 13:52

Tgt Ion:128 Resp: 8949
Ion Ratio Lower Upper
128 100
130 31.6 12.2 52.2
64 52.3 28.4 68.4





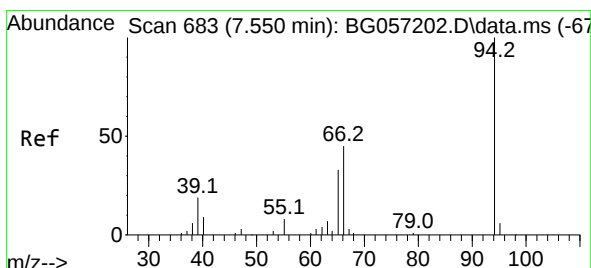
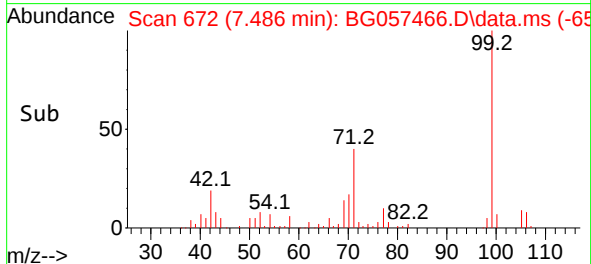
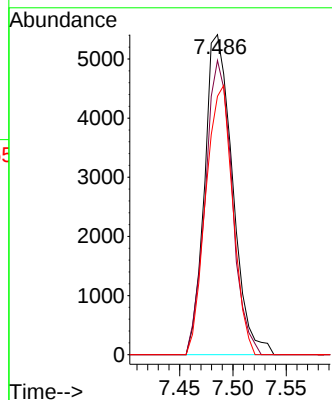
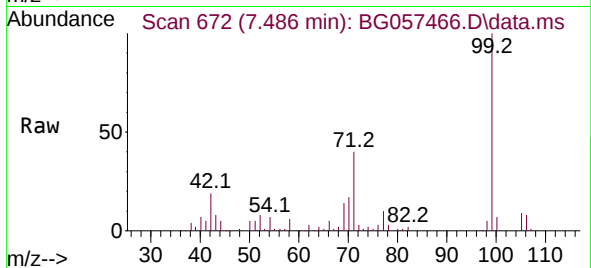
#9
Benzaldehyde
Concen: 5.894 ng
RT: 7.486 min Scan# 610
Delta R.T. -0.001 min
Lab File: BG057466.D
Acq: 19 May 2023 13:52

Instrument : BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2023

Tgt Ion: 77 Resp: 9870
Ion Ratio Lower Upper
77 100
105 91.9 74.6 114.6
106 80.8 66.3 106.3

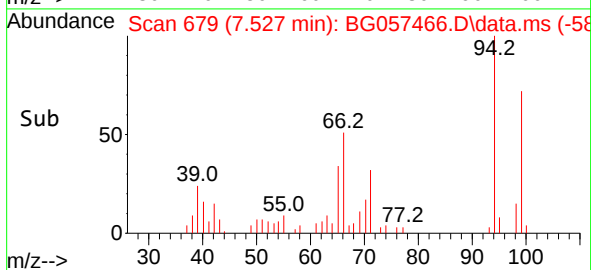
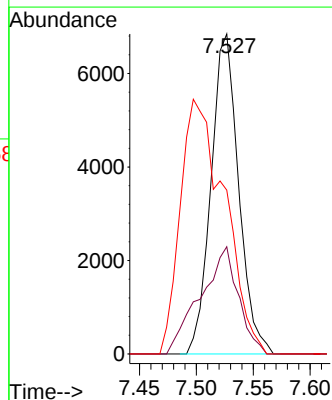
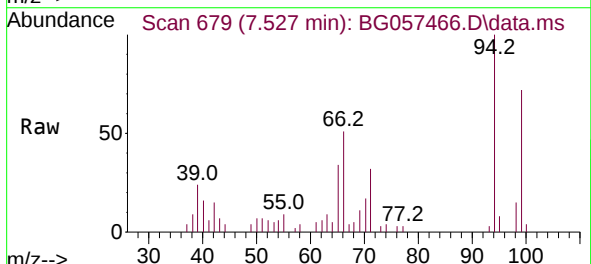
Manual Integrations
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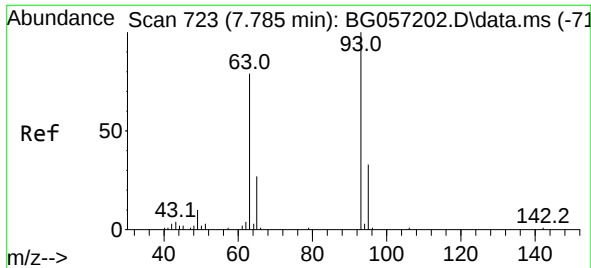
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#10
Phenol
Concen: 7.545 ng
RT: 7.527 min Scan# 679
Delta R.T. -0.001 min
Lab File: BG057466.D
Acq: 19 May 2023 13:52

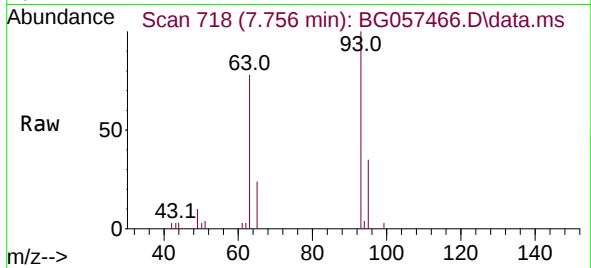
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Ion Ratio Lower Upper
94 100
65 33.5 13.5 53.5
66 51.2 26.7 66.7





#11
bis(2-Chloroethyl)ether
Concen: 7.798 ng
RT: 7.756 min Scan# 718
Delta R.T. -0.007 min
Lab File: BG057466.D
Acq: 19 May 2023 13:52

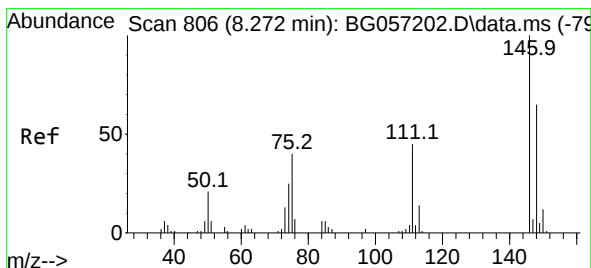
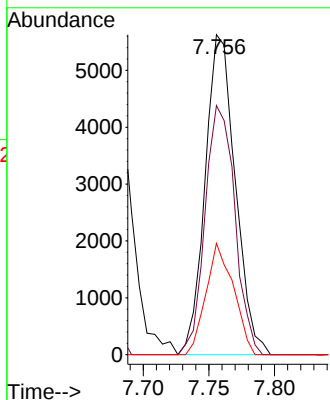
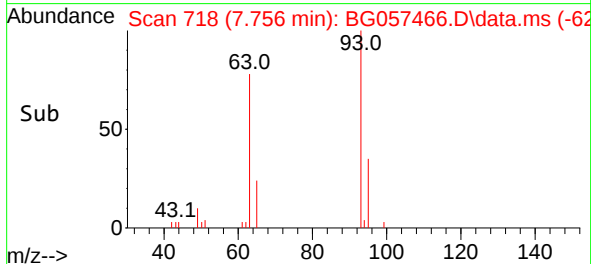
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion: 93 Resp: 9000
Ion Ratio Lower Upper
93 100
63 77.8 58.6 98.6
95 34.8 12.2 52.2

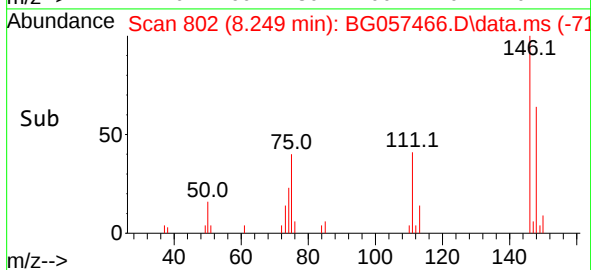
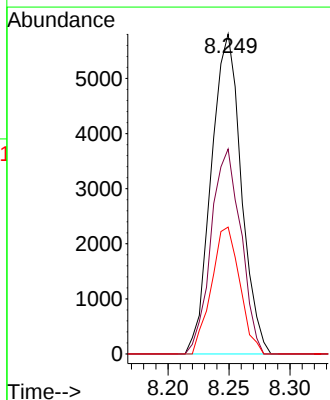
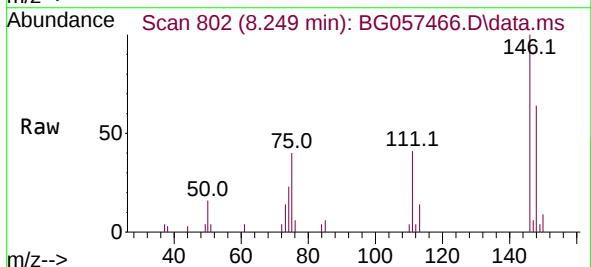
Manual Integrations
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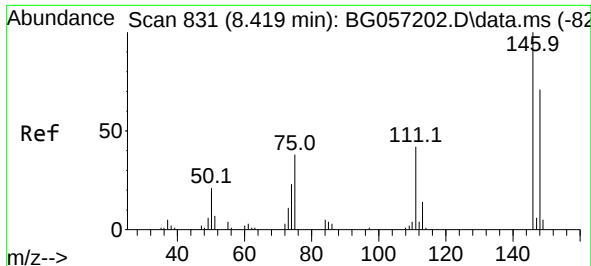
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#12
1,3-Dichlorobenzene
Concen: 8.236 ng
RT: 8.249 min Scan# 802
Delta R.T. -0.001 min
Lab File: BG057466.D
Acq: 19 May 2023 13:52

Tgt Ion:146 Resp: 9938
Ion Ratio Lower Upper
146 100
148 64.0 52.2 78.2
75 39.7 31.7 47.5





#13

1,4-Dichlorobenzene

Concen: 8.512 ng

RT: 8.396 min Scan# 81

Delta R.T. -0.001 min

Lab File: BG057466.D

Acq: 19 May 2023 13:52

Instrument :

BNA_G

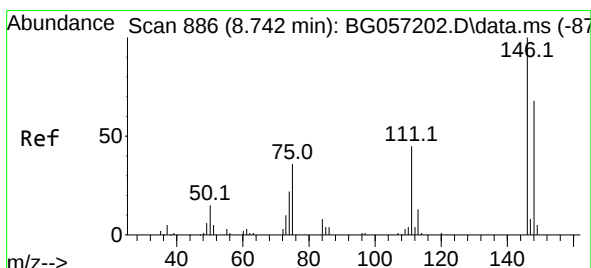
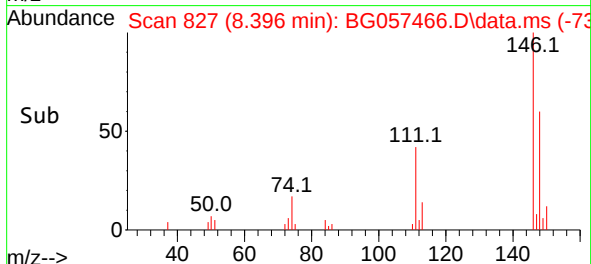
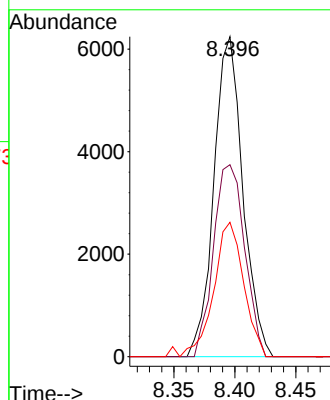
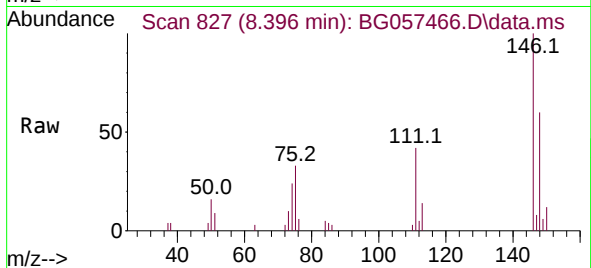
ClientSampleId :

MDL-WATER-03-QT2-2023

Tgt Ion:146 Resp: 1031
 Ion Ratio Lower Upper
 146 100
 148 60.0 56.4 84.6
 111 42.0 33.8 50.6

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



#14

1,2-Dichlorobenzene

Concen: 8.373 ng

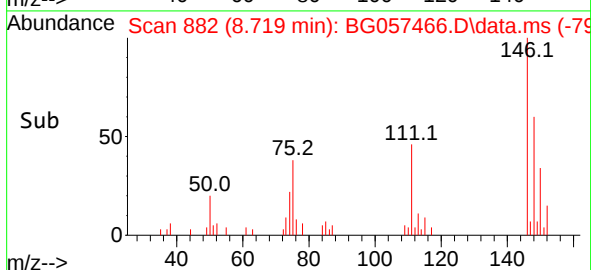
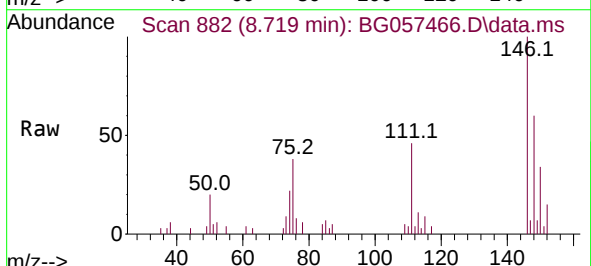
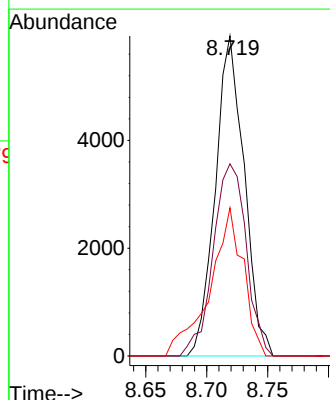
RT: 8.719 min Scan# 882

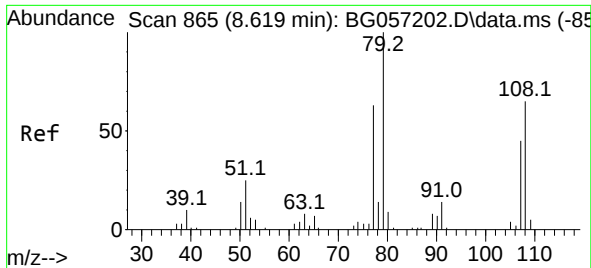
Delta R.T. -0.001 min

Lab File: BG057466.D

Acq: 19 May 2023 13:52

Tgt Ion:146 Resp: 9797
 Ion Ratio Lower Upper
 146 100
 148 60.0 54.6 82.0
 111 46.3 37.2 55.8





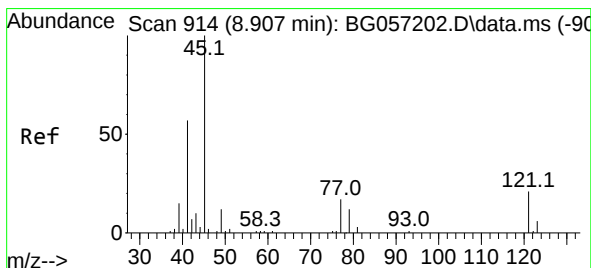
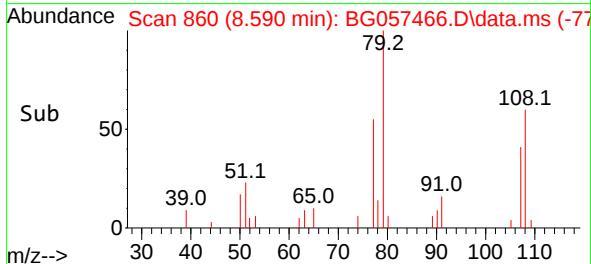
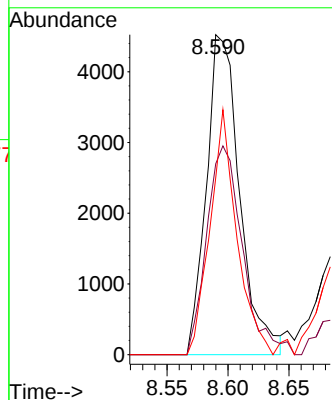
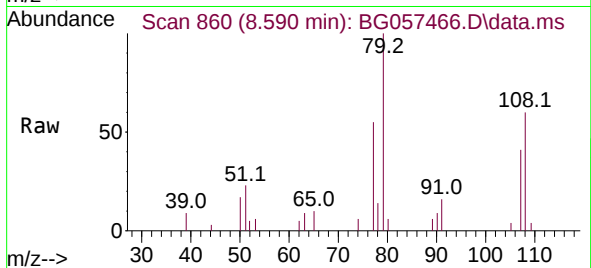
#15
Benzyl Alcohol
Concen: 6.569 ng
RT: 8.590 min Scan# 80
Delta R.T. -0.007 min
Lab File: BG057466.D
Acq: 19 May 2023 13:52

Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT2-2023

Tgt Ion: 79	Resp: 8598
Ion Ratio	Lower Upper
79 100	
108 59.7	52.2 78.2
77 55.3	50.1 75.1

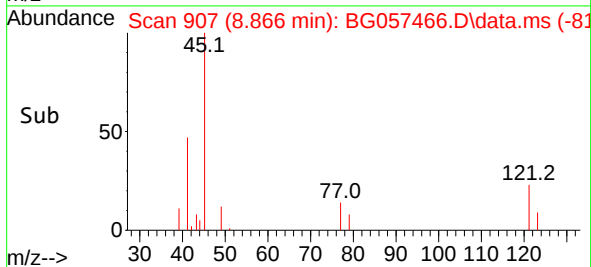
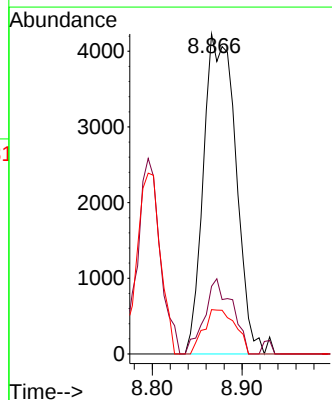
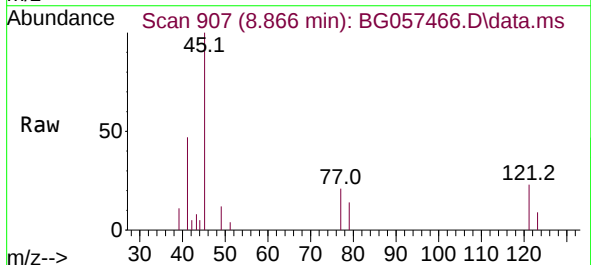
Manual Integrations
APPROVED

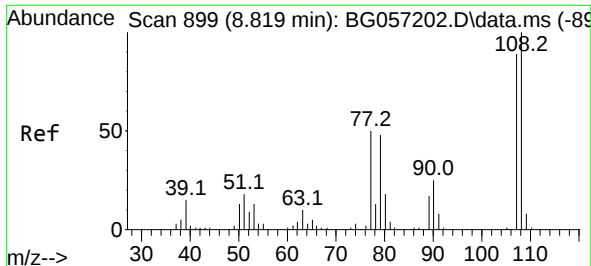
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 7.257 ng
RT: 8.866 min Scan# 907
Delta R.T. -0.013 min
Lab File: BG057466.D
Acq: 19 May 2023 13:52

Tgt Ion: 45	Resp: 10563
Ion Ratio	Lower Upper
45 100	
77 21.2	0.0 38.5
79 13.8	0.0 33.8





#17

2-Methylphenol

Concen: 7.276 ng

RT: 8.796 min Scan# 899

Delta R.T. -0.001 min

Lab File: BG057466.D

Acq: 19 May 2023 13:52

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT2-2023

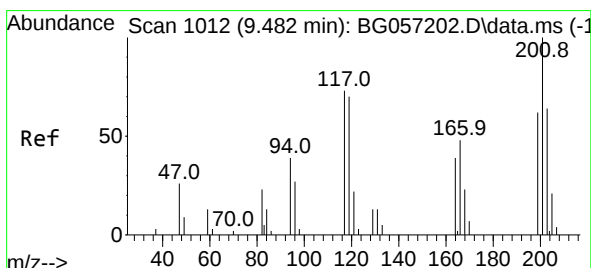
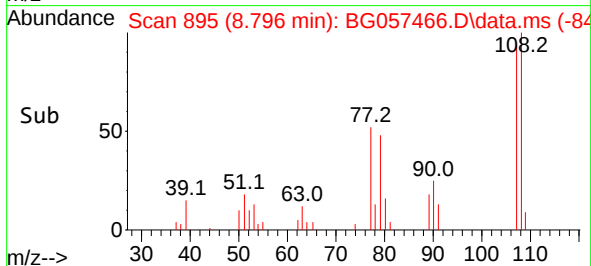
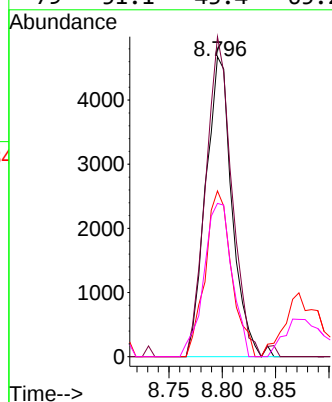
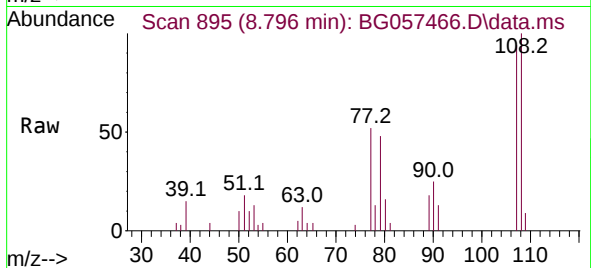
Tgt Ion:	107	Resp:	803
Ion	Ratio	Lower	Upper
107	100		
108	106.6	89.5	134.3
77	55.2	45.1	67.7
79	51.1	43.4	65.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/22/2023

Supervised By :Jagrut Upadhyay 05/22/2023



#18

Hexachloroethane

Concen: 8.823 ng

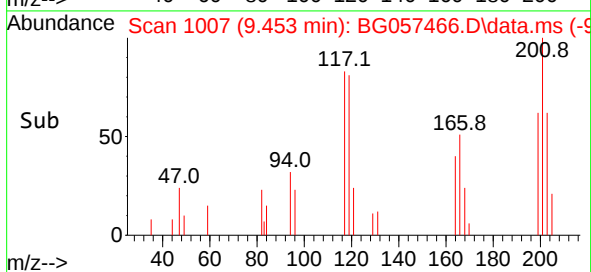
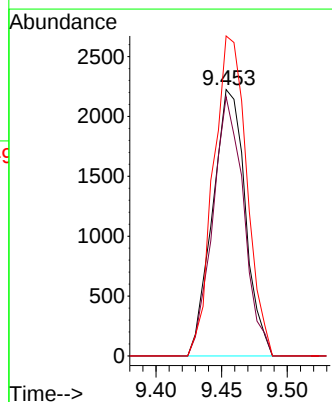
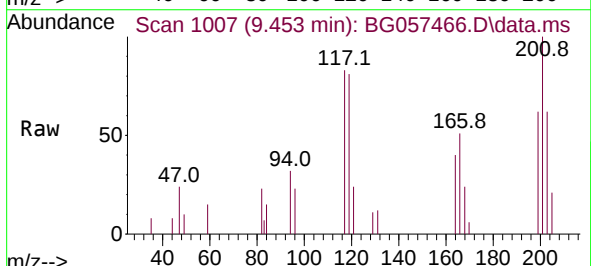
RT: 9.453 min Scan# 1007

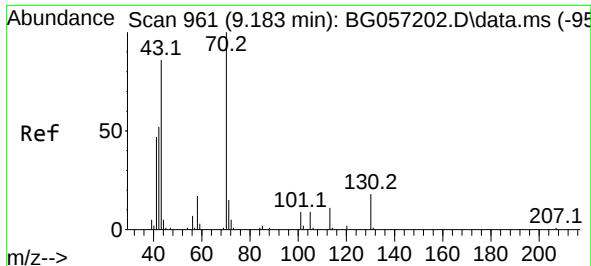
Delta R.T. -0.001 min

Lab File: BG057466.D

Acq: 19 May 2023 13:52

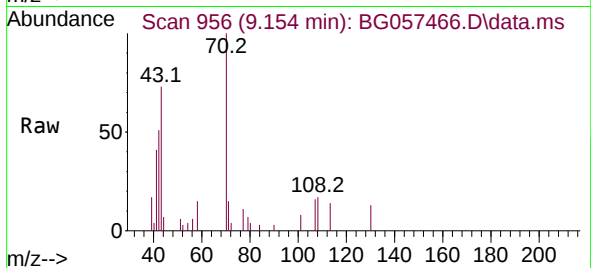
Tgt Ion:	117	Resp:	3859
Ion	Ratio	Lower	Upper
117	100		
119	97.3	76.7	115.1
201	120.1	109.0	163.4





#19
n-Nitroso-di-n-propylamine
Concen: 7.039 ng
RT: 9.154 min Scan# 91
Delta R.T. -0.007 min
Lab File: BG057466.D
Acq: 19 May 2023 13:52

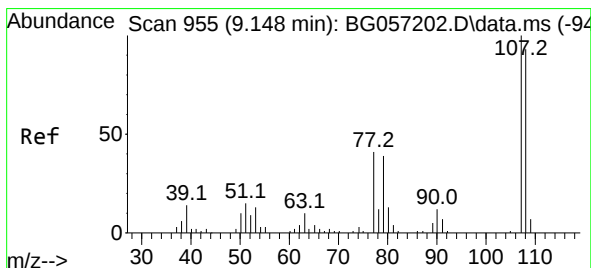
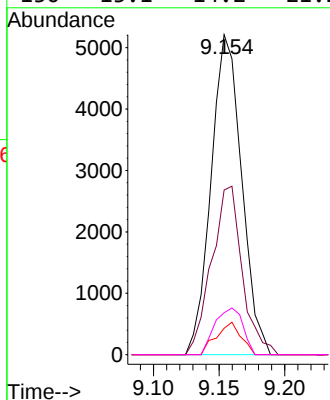
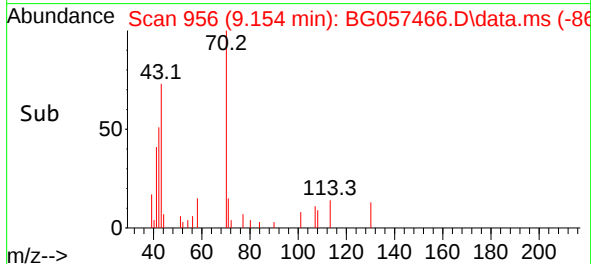
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2023



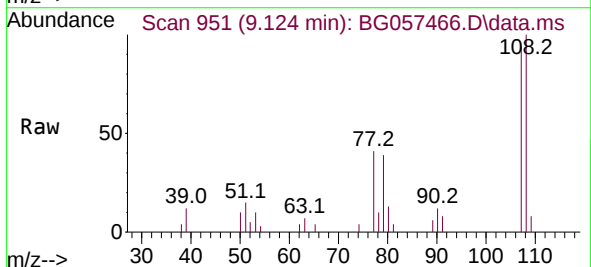
Tgt Ion: 70 Resp: 843
Ion Ratio Lower Upper
70 100
42 51.4 41.8 62.8
101 8.3 6.8 10.2
130 13.1 14.2 21.2#

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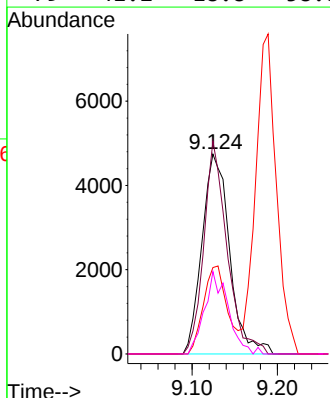
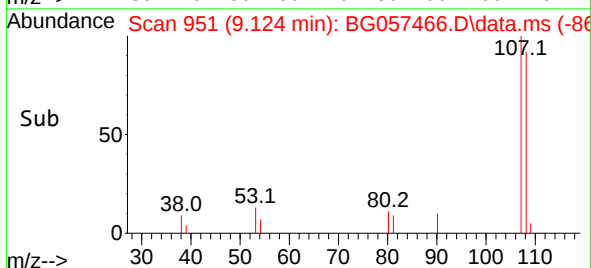
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023

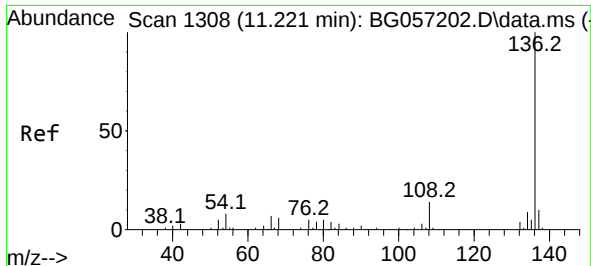


#20
3+4-Methylphenols
Concen: 7.043 ng
RT: 9.124 min Scan# 951
Delta R.T. -0.001 min
Lab File: BG057466.D
Acq: 19 May 2023 13:52



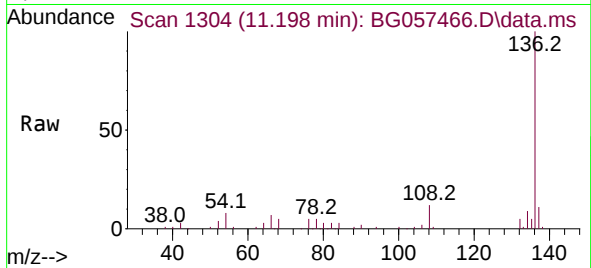
Tgt Ion:107 Resp: 10647
Ion Ratio Lower Upper
107 100
108 106.5 73.5 113.5
77 43.2 21.1 61.1
79 41.2 18.8 58.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.198 min Scan# 1304
Delta R.T. -0.001 min
Lab File: BG057466.D
Acq: 19 May 2023 13:52

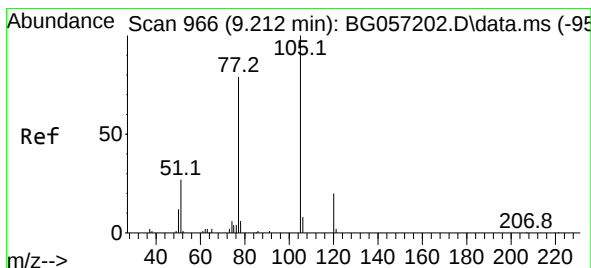
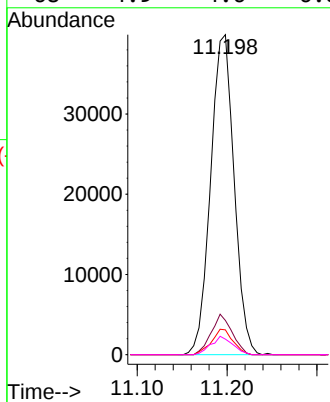
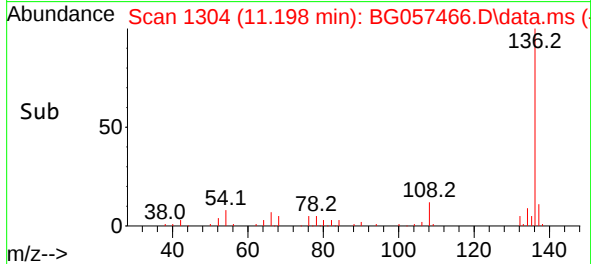
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT2-2023



Tgt Ion:136 Resp: 72390
Ion Ratio Lower Upper
136 100
137 10.7 8.3 12.5
54 7.8 6.7 10.1
68 4.9 4.6 6.8

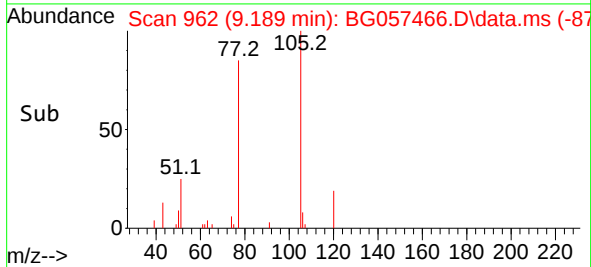
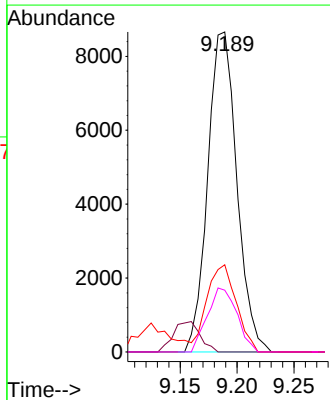
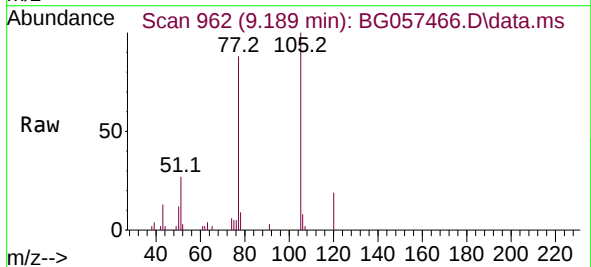
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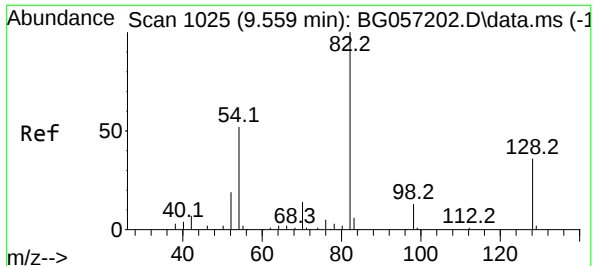
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#22
Acetophenone
Concen: 7.456 ng
RT: 9.189 min Scan# 962
Delta R.T. -0.001 min
Lab File: BG057466.D
Acq: 19 May 2023 13:52

Tgt Ion:105 Resp: 15449
Ion Ratio Lower Upper
105 100
71 0.0 0.4 0.6#
51 27.2 24.0 36.0
120 19.3 15.8 23.8





#23

Nitrobenzene-d5

Concen: 71.372 ng

RT: 9.536 min Scan# 1021

Delta R.T. -0.001 min

Lab File: BG057466.D

Acq: 19 May 2023 13:52

Instrument :

BNA_G

ClientSampleId :

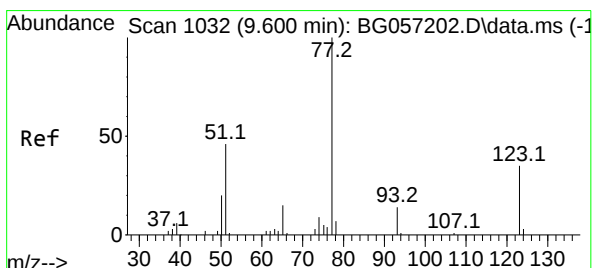
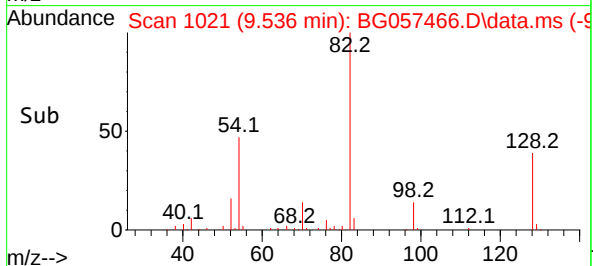
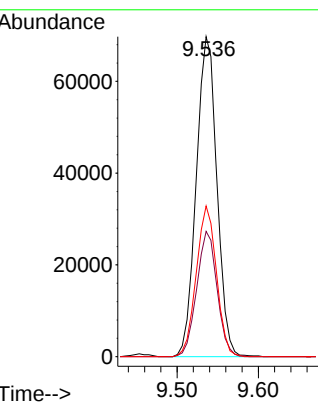
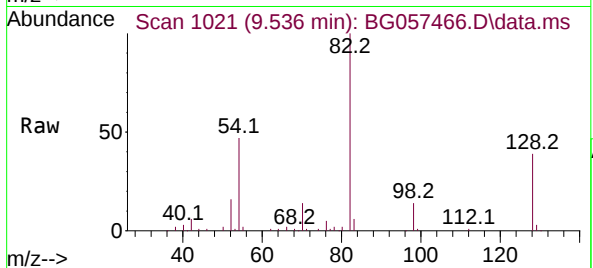
MDL-WATER-03-QT2-2023

Tgt Ion: 82 Resp: 123100
 Ion Ratio Lower Upper
 82 100
 128 39.2 29.0 43.4
 54 47.1 41.4 62.0

Manual Integrations

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



#24

Nitrobenzene

Concen: 7.126 ng

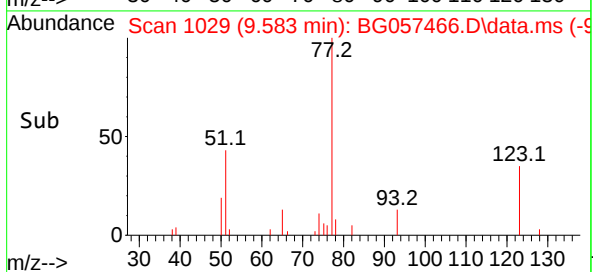
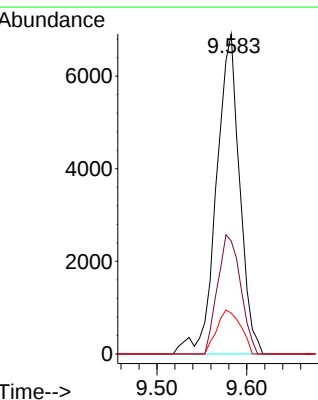
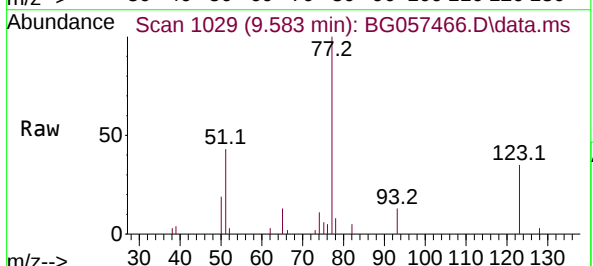
RT: 9.583 min Scan# 1029

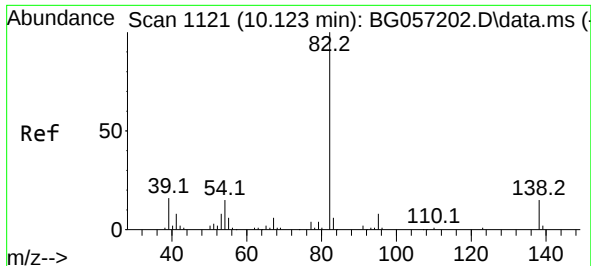
Delta R.T. -0.001 min

Lab File: BG057466.D

Acq: 19 May 2023 13:52

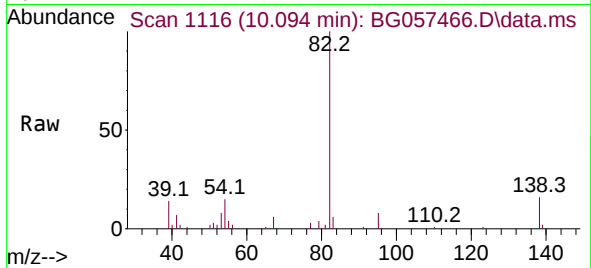
Tgt Ion: 77 Resp: 12405
 Ion Ratio Lower Upper
 77 100
 123 35.3 28.2 42.2
 65 12.8 11.7 17.5





#25
Isophorone
Concen: 6.784 ng
RT: 10.094 min Scan# 1116
Delta R.T. -0.007 min
Lab File: BG057466.D
Acq: 19 May 2023 13:52

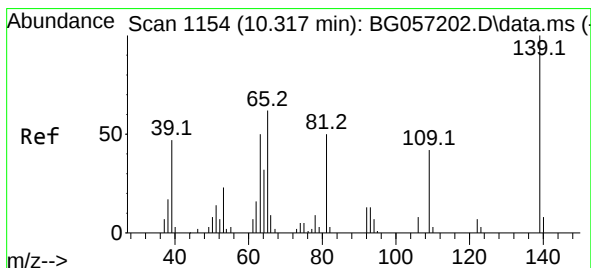
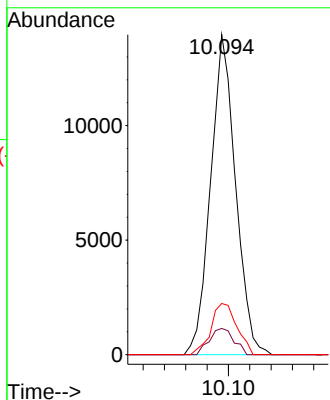
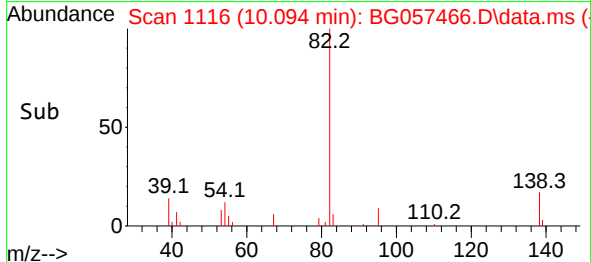
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion: 82 Resp: 22690
Ion Ratio Lower Upper
82 100
95 8.2 6.4 9.6
138 16.0 12.3 18.5

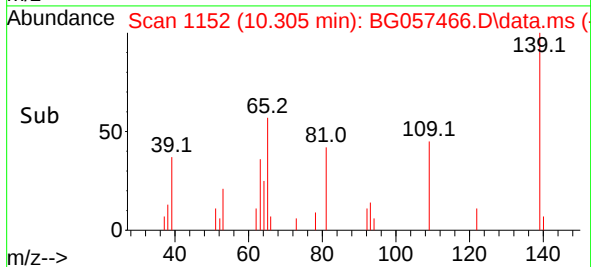
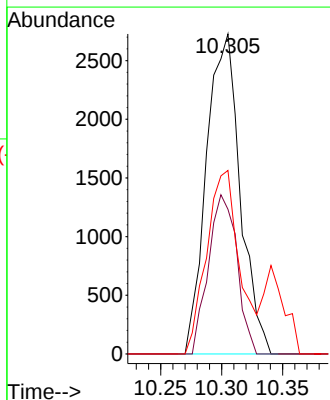
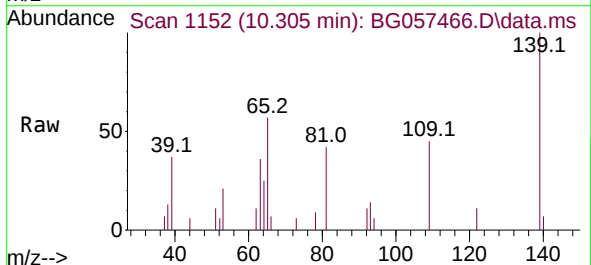
Manual Integrations
APPROVED

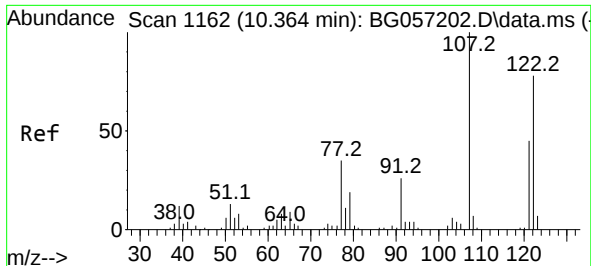
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#26
2-Nitrophenol
Concen: 7.879 ng
RT: 10.305 min Scan# 1152
Delta R.T. 0.005 min
Lab File: BG057466.D
Acq: 19 May 2023 13:52

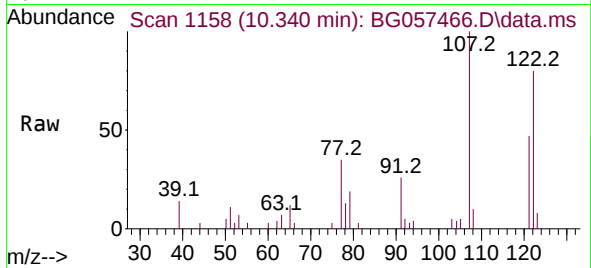
Tgt Ion:139 Resp: 5250
Ion Ratio Lower Upper
139 100
109 45.2 33.4 50.2
65 57.4 49.8 74.6





#27
2,4-Dimethylphenol
Concen: 7.551 ng
RT: 10.340 min Scan# 1162
Delta R.T. -0.001 min
Lab File: BG057466.D
Acq: 19 May 2023 13:52

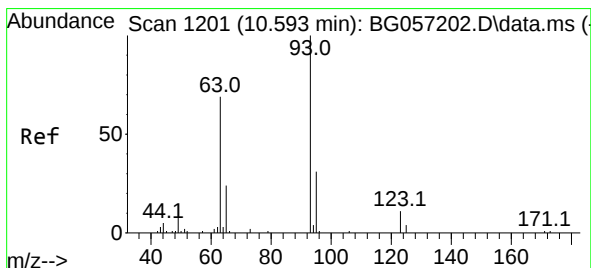
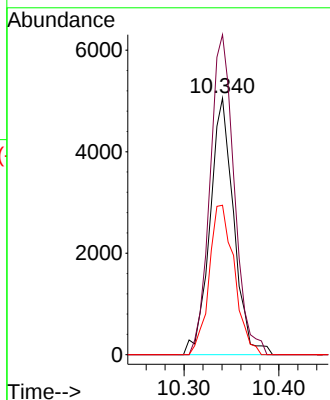
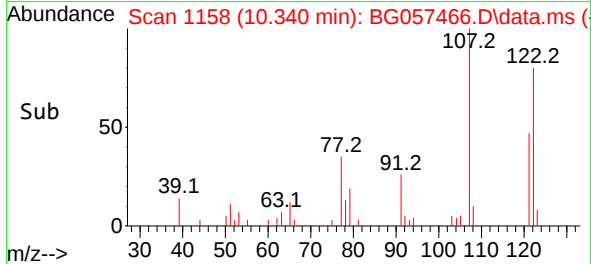
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion:122 Resp: 881
Ion Ratio Lower Upper
122 100
107 124.8 103.0 154.4
121 58.3 45.9 68.9

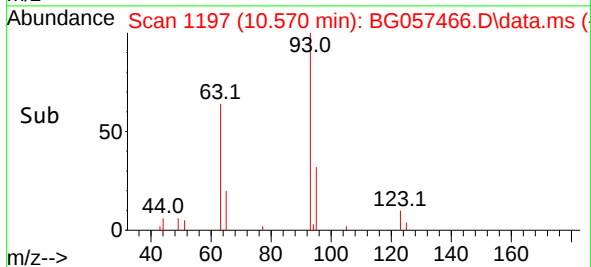
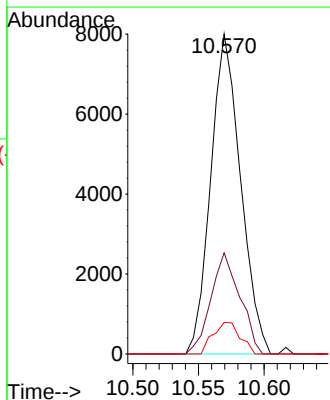
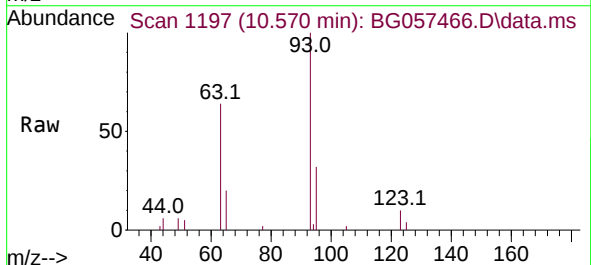
Manual Integrations
APPROVED

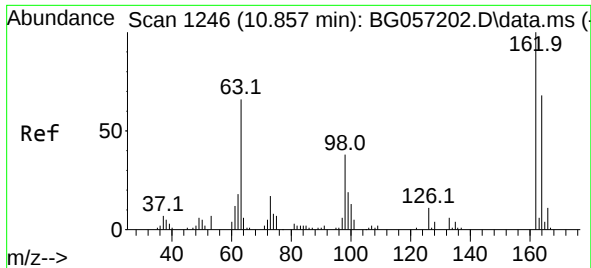
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#28
bis(2-Chloroethoxy)methane
Concen: 7.549 ng
RT: 10.570 min Scan# 1197
Delta R.T. -0.001 min
Lab File: BG057466.D
Acq: 19 May 2023 13:52

Tgt Ion: 93 Resp: 12648
Ion Ratio Lower Upper
93 100
95 31.6 25.0 37.6
123 9.9 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 8.462 ng

RT: 10.846 min Scan# 1

Delta R.T. 0.005 min

Lab File: BG057466.D

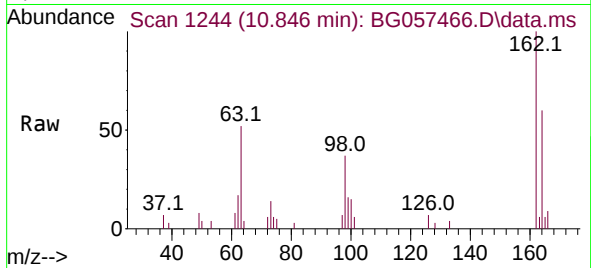
Acq: 19 May 2023 13:52

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT2-2023



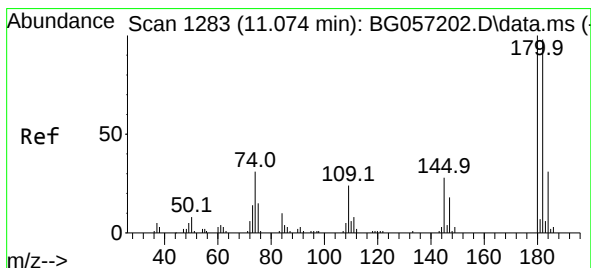
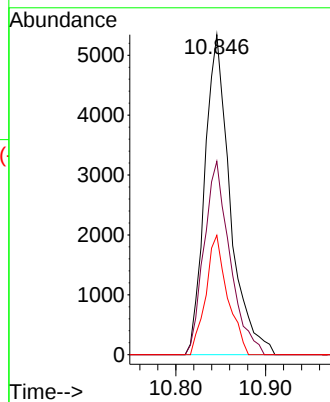
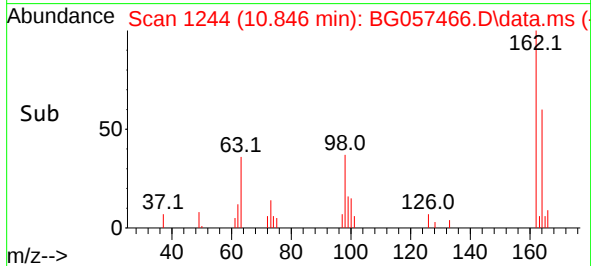
Tgt Ion:	162	Resp:	1047
Ion Ratio	100	Lower	Upper
162	100		
164	60.4	48.4	88.4
98	37.3	17.6	57.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/22/2023

Supervised By :Jagrut Upadhyay 05/22/2023



#30

1,2,4-Trichlorobenzene

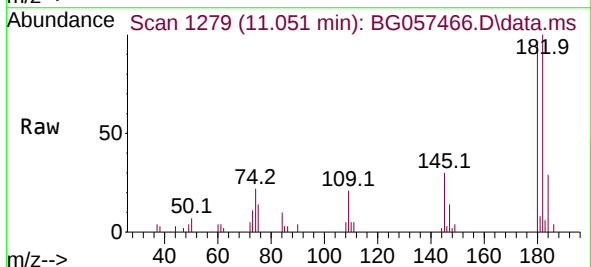
Concen: 7.927 ng

RT: 11.051 min Scan# 1279

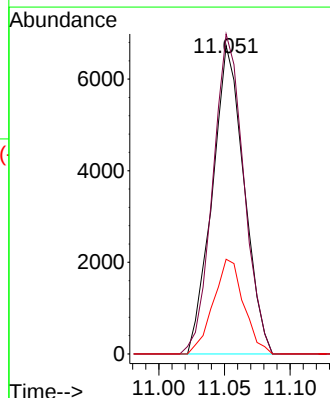
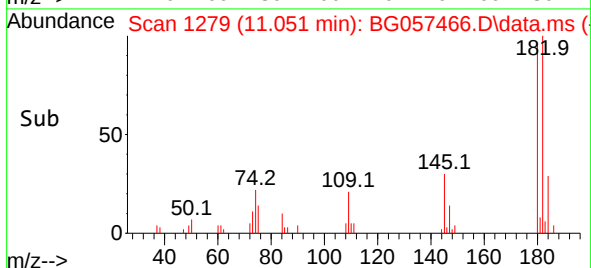
Delta R.T. -0.001 min

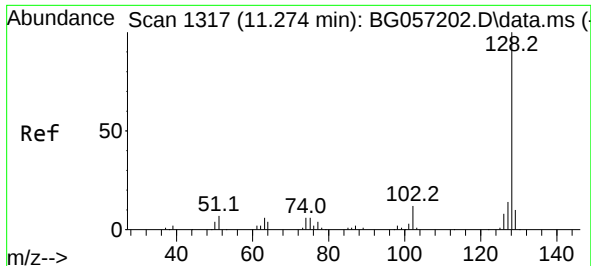
Lab File: BG057466.D

Acq: 19 May 2023 13:52



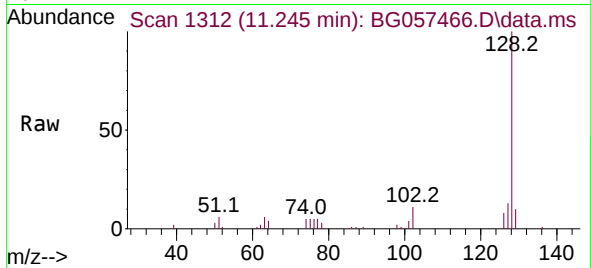
Tgt Ion:	180	Resp:	11315
Ion Ratio	100	Lower	Upper
180	100		
182	103.8	78.0	117.0
145	30.7	22.4	33.6





#31
Naphthalene
Concen: 7.887 ng
RT: 11.245 min Scan# 1194
Delta R.T. -0.001 min
Lab File: BG057466.D
Acq: 19 May 2023 13:52

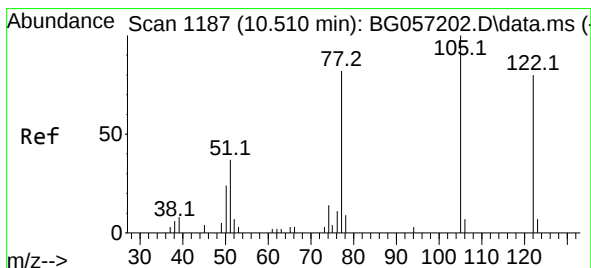
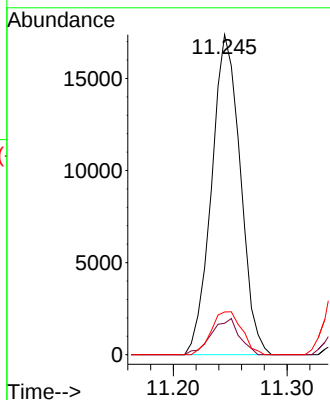
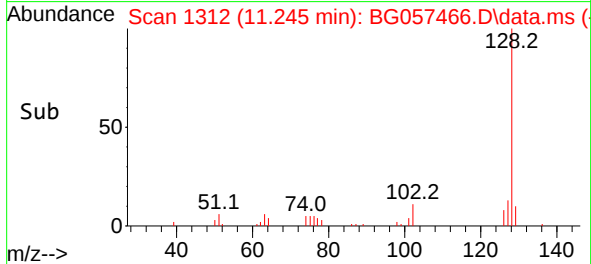
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion:128 Resp: 3052
Ion Ratio Lower Upper
128 100
129 9.8 8.3 12.5
127 13.4 11.1 16.7

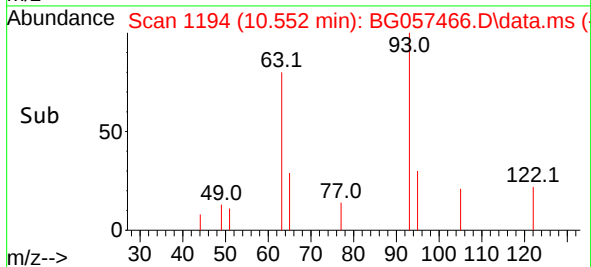
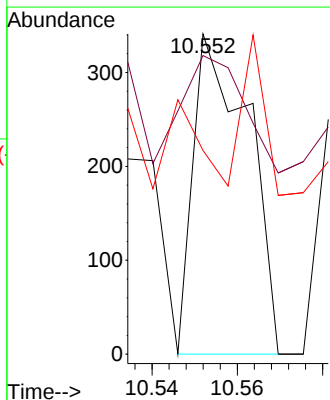
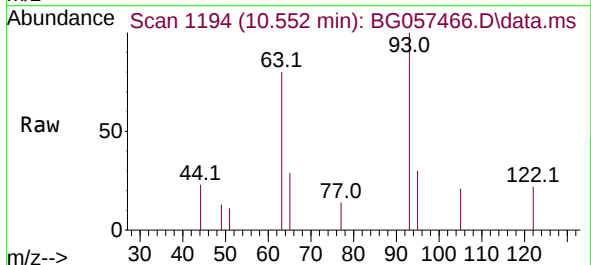
Manual Integrations
APPROVED

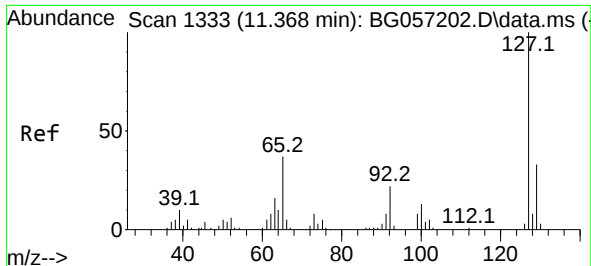
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#32
Benzoic acid
Concen: 5.126 ng
RT: 10.552 min Scan# 1194
Delta R.T. 0.064 min
Lab File: BG057466.D
Acq: 19 May 2023 13:52

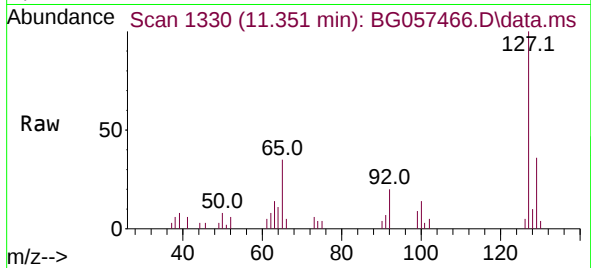
Tgt Ion:122 Resp: 305
Ion Ratio Lower Upper
122 100
105 93.3 105.2 145.2#
77 63.6 83.1 123.1#





#33
4-Chloroaniline
Concen: 7.266 ng
RT: 11.351 min Scan# 1133
Delta R.T. -0.001 min
Lab File: BG057466.D
Acq: 19 May 2023 13:52

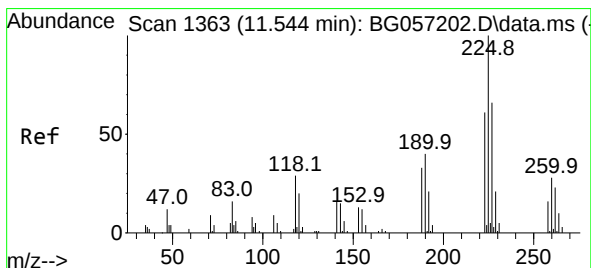
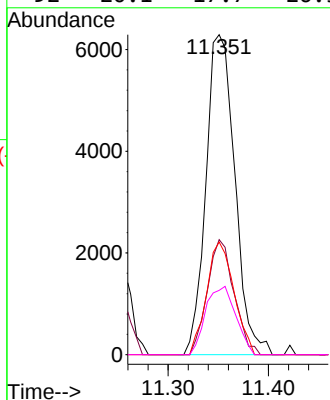
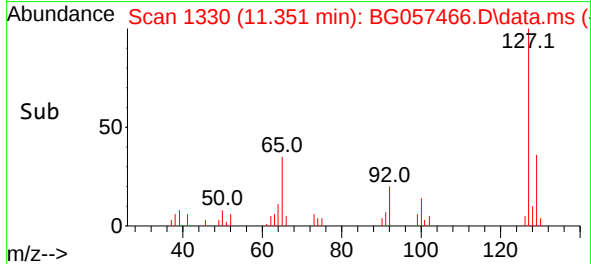
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2023



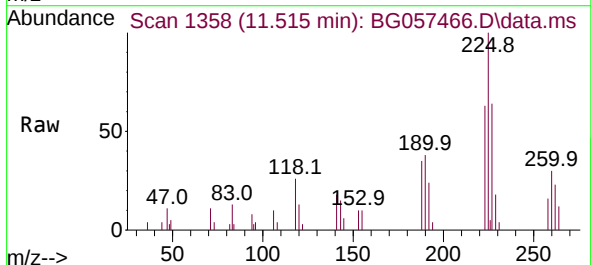
Tgt Ion:127 Resp: 12628
Ion Ratio Lower Upper
127 100
129 36.0 26.7 40.1
65 35.2 29.7 44.5
92 20.1 17.7 26.5

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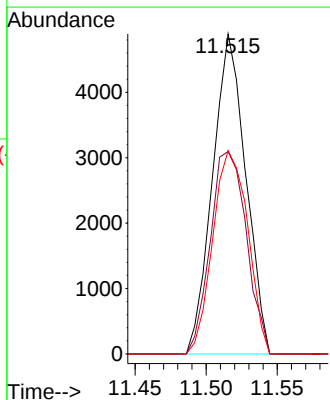
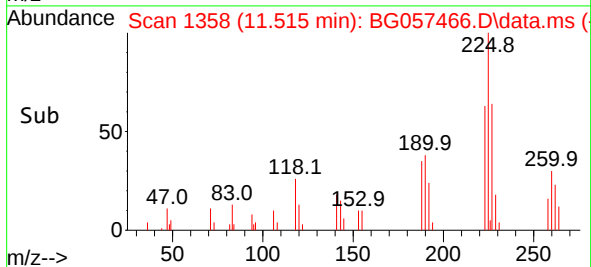
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023

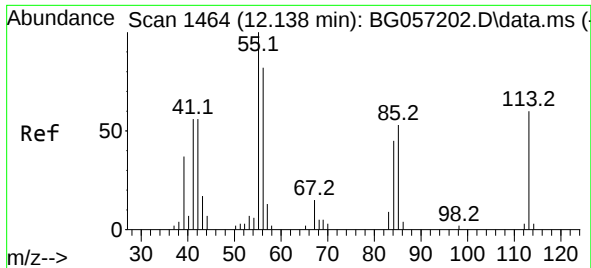


#34
Hexachlorobutadiene
Concen: 7.476 ng
RT: 11.515 min Scan# 1358
Delta R.T. -0.001 min
Lab File: BG057466.D
Acq: 19 May 2023 13:52



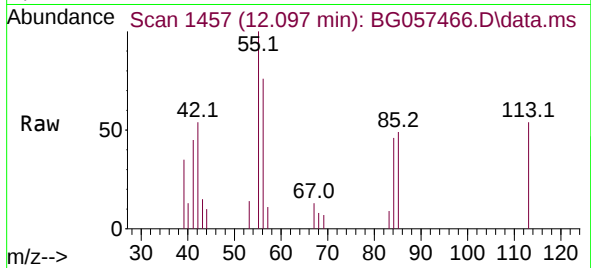
Tgt Ion:225 Resp: 7918
Ion Ratio Lower Upper
225 100
223 63.3 48.6 72.8
227 63.6 52.7 79.1





#35
Caprolactam
Concen: 6.276 ng
RT: 12.097 min Scan# 1464
Delta R.T. -0.024 min
Lab File: BG057466.D
Acq: 19 May 2023 13:52

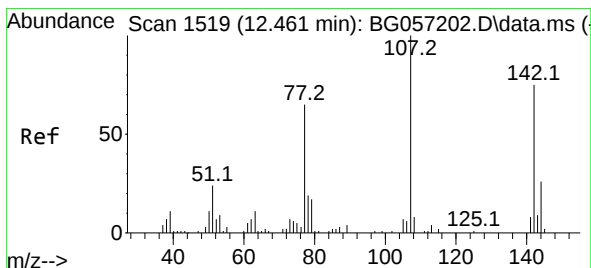
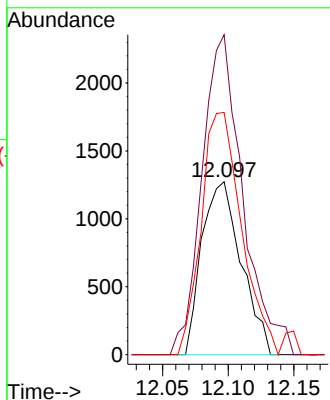
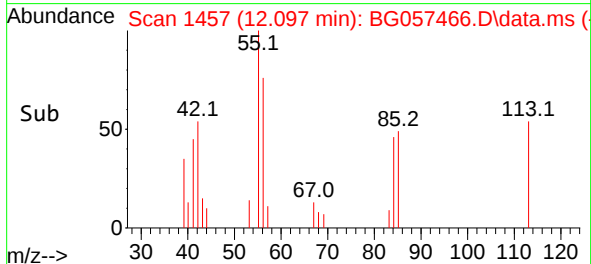
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2023



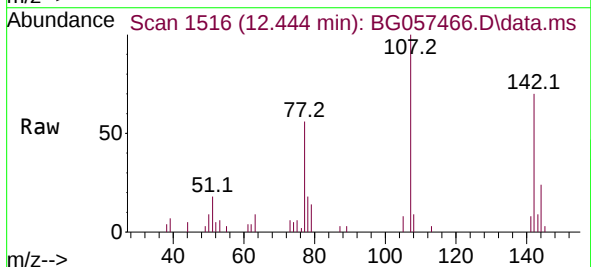
Tgt Ion:113 Resp: 265
Ion Ratio Lower Upper
113 100
55 185.1 145.5 185.5
56 140.1 115.9 155.9

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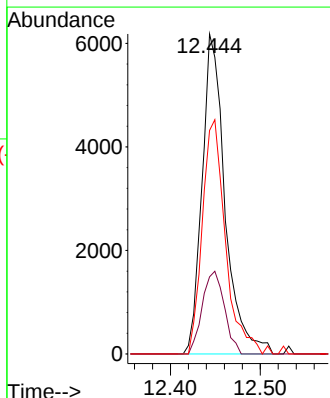
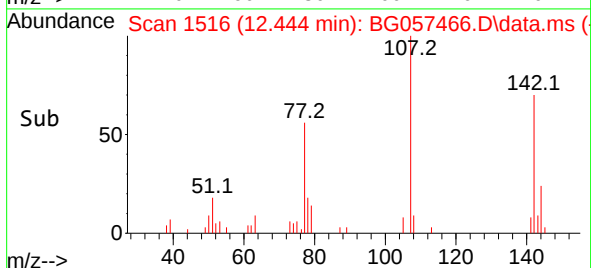
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023

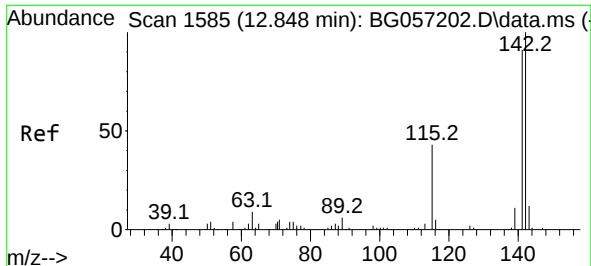


#36
4-Chloro-3-methylphenol
Concen: 7.811 ng
RT: 12.444 min Scan# 1516
Delta R.T. -0.001 min
Lab File: BG057466.D
Acq: 19 May 2023 13:52



Tgt Ion:107 Resp: 10985
Ion Ratio Lower Upper
107 100
144 24.1 21.0 31.6
142 69.8 60.0 90.0





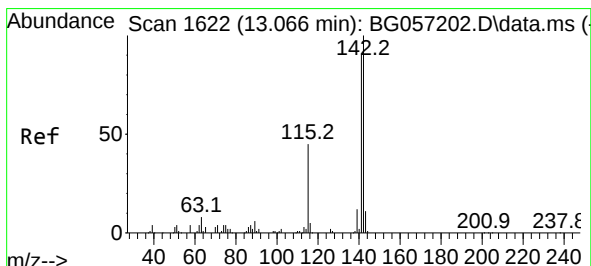
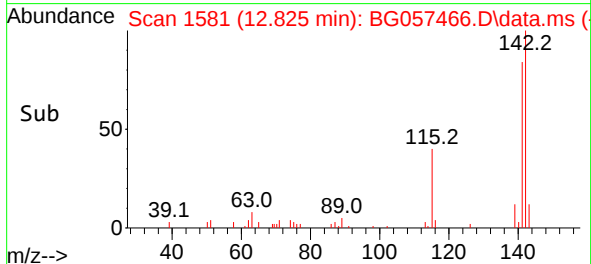
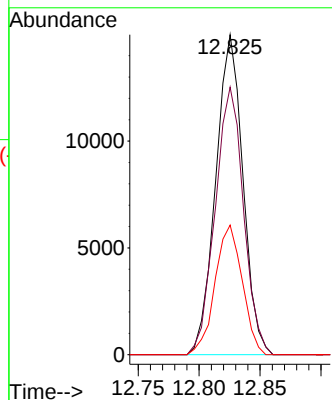
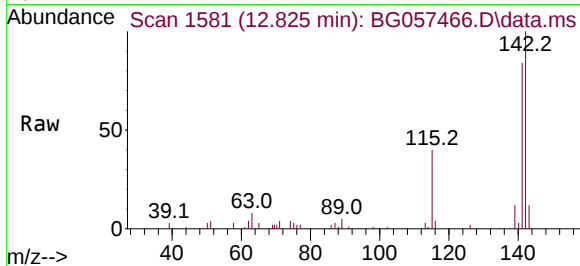
#37
2-Methylnaphthalene
Concen: 7.653 ng
RT: 12.825 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG057466.D
Acq: 19 May 2023 13:52

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2023

Tgt Ion:142 Resp: 2328
Ion Ratio Lower Upper
142 100
141 83.6 73.1 109.7
115 40.5 34.6 52.0

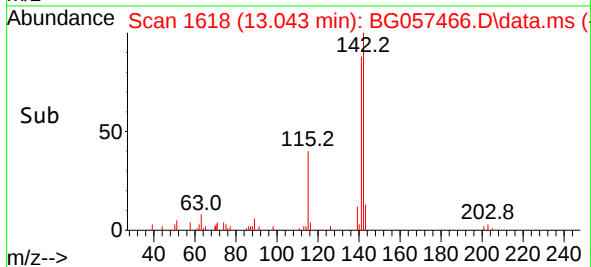
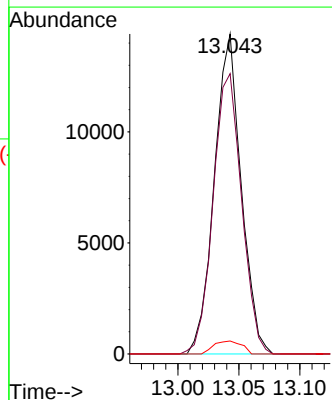
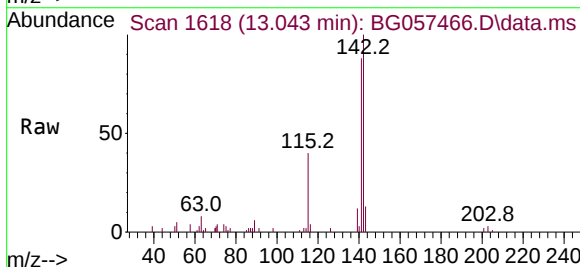
Manual Integrations
APPROVED

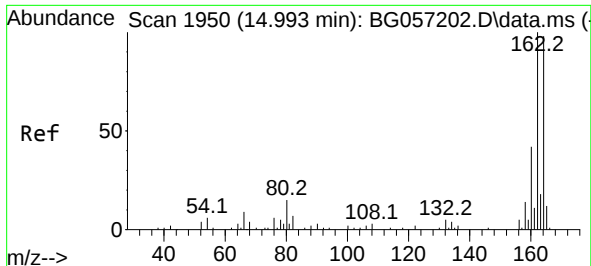
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#38
1-Methylnaphthalene
Concen: 7.697 ng
RT: 13.043 min Scan# 1618
Delta R.T. -0.001 min
Lab File: BG057466.D
Acq: 19 May 2023 13:52

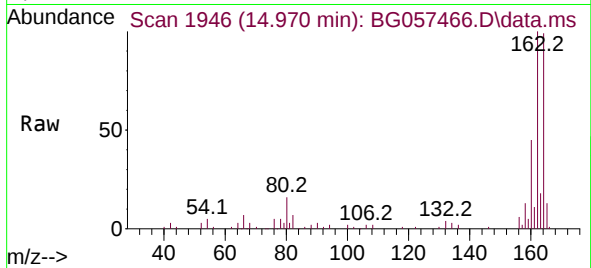
Tgt Ion:142 Resp: 22076
Ion Ratio Lower Upper
142 100
141 87.6 72.5 108.7
116 4.0 3.7 5.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.970 min Scan# 1950
Delta R.T. -0.007 min
Lab File: BG057466.D
Acq: 19 May 2023 13:52

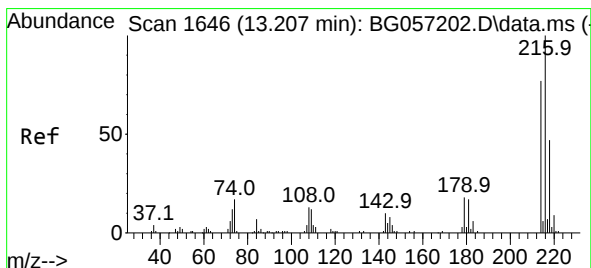
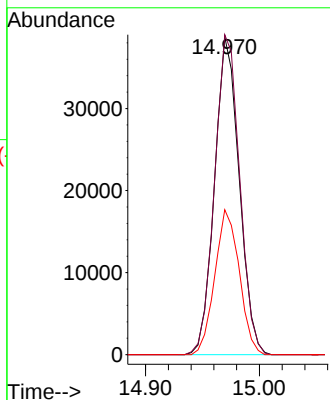
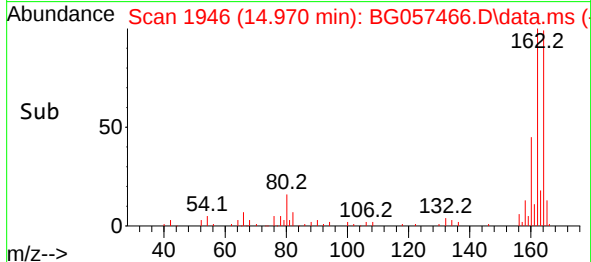
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion:164 Resp: 5819
Ion Ratio Lower Upper
164 100
162 100.7 81.8 122.6
160 45.6 34.6 52.0

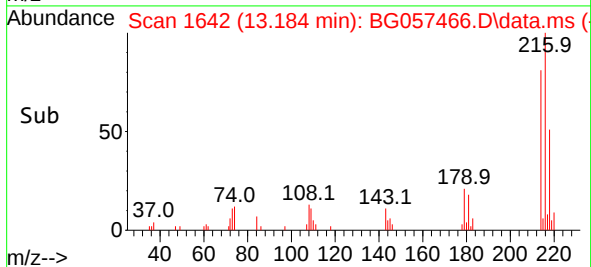
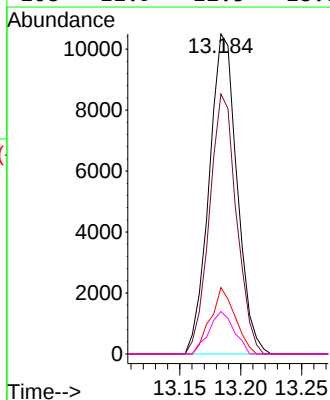
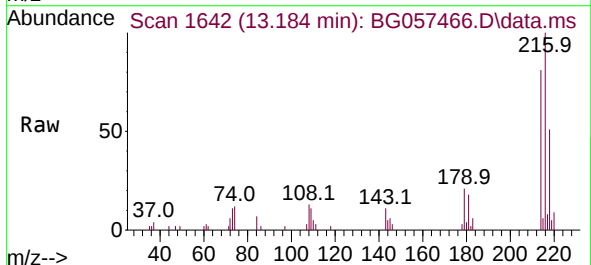
Manual Integrations
APPROVED

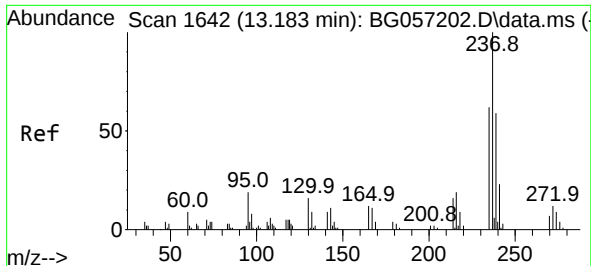
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.104 ng
RT: 13.184 min Scan# 1642
Delta R.T. -0.007 min
Lab File: BG057466.D
Acq: 19 May 2023 13:52

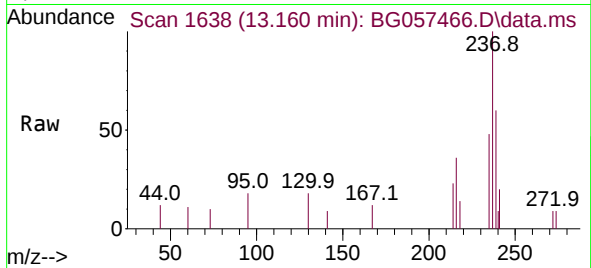
Tgt Ion:216 Resp: 16742
Ion Ratio Lower Upper
216 100
214 78.5 63.7 95.5
179 18.2 14.6 22.0
108 11.9 12.5 18.7#





#41
Hexachlorocyclopentadiene
Concen: 8.436 ng
RT: 13.160 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG057466.D
Acq: 19 May 2023 13:52

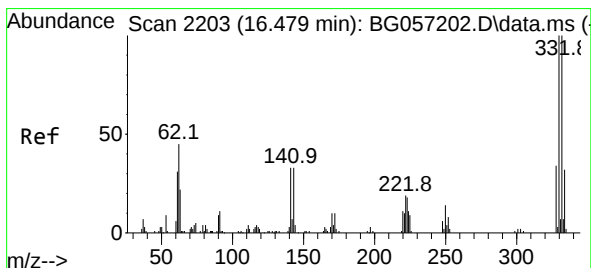
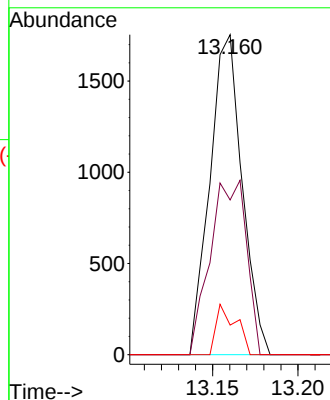
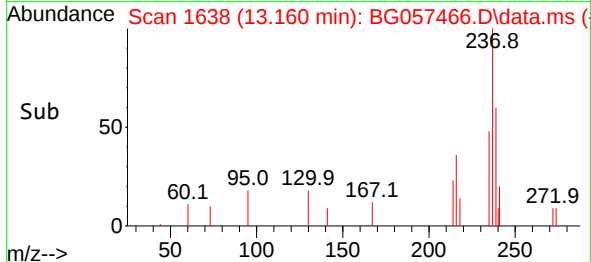
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2023



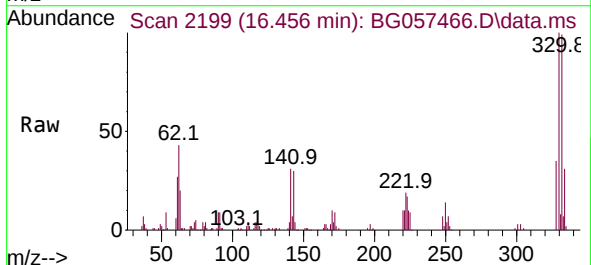
Tgt Ion: 237 Resp: 2308
Ion Ratio Lower Upper
237 100
235 48.3 42.0 82.0
272 9.2 0.0 31.5

Manual Integrations
APPROVED

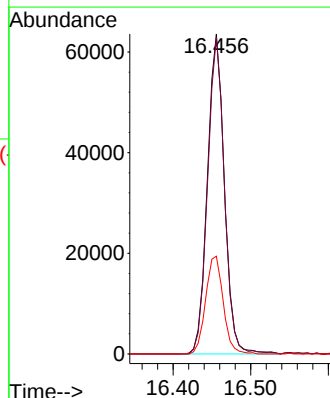
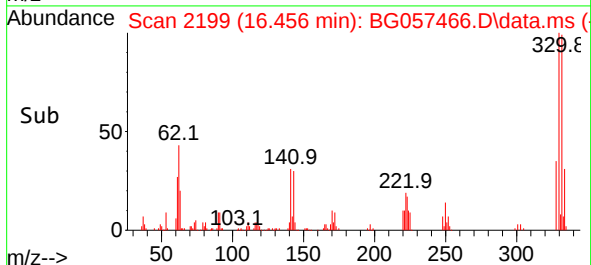
Reviewed By : Christian Giraldo 05/22/2023
Supervised By : Jagrut Upadhyay 05/22/2023

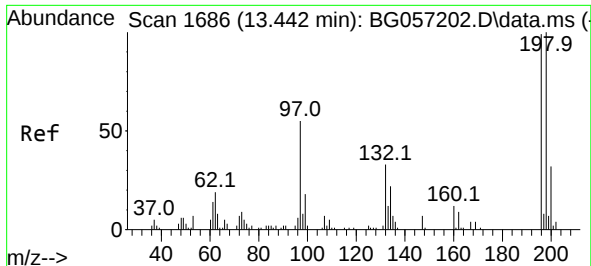


#42
2,4,6-Tribromophenol
Concen: 117.101 ng
RT: 16.456 min Scan# 2199
Delta R.T. -0.001 min
Lab File: BG057466.D
Acq: 19 May 2023 13:52



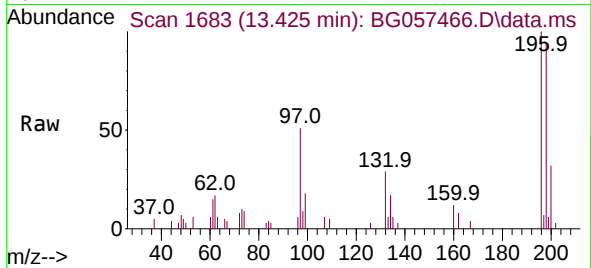
Tgt Ion: 330 Resp: 96693
Ion Ratio Lower Upper
330 100
332 97.7 78.2 117.2
141 31.5 27.8 41.8





#43
2,4,6-Trichlorophenol
Concen: 7.279 ng
RT: 13.425 min Scan# 1683
Delta R.T. 0.005 min
Lab File: BG057466.D
Acq: 19 May 2023 13:52

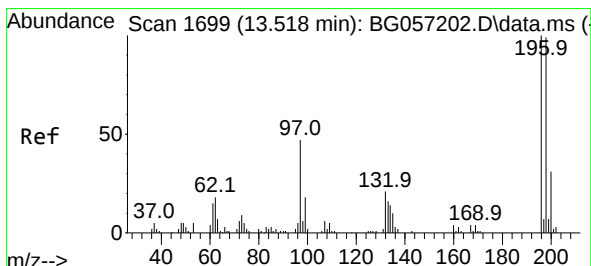
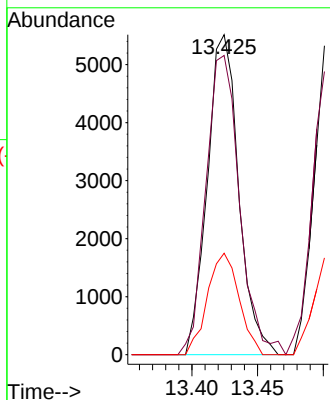
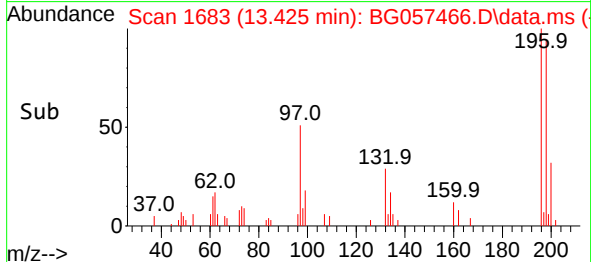
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion:196 Resp: 916
Ion Ratio Lower Upper
196 100
198 93.5 81.2 121.8
200 31.7 26.3 39.5

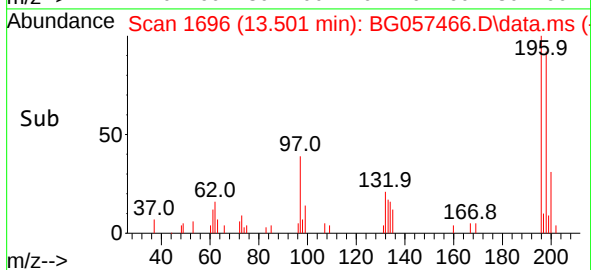
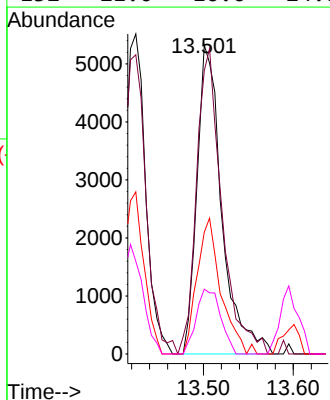
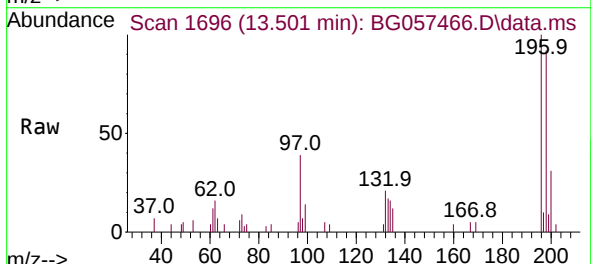
Manual Integrations
APPROVED

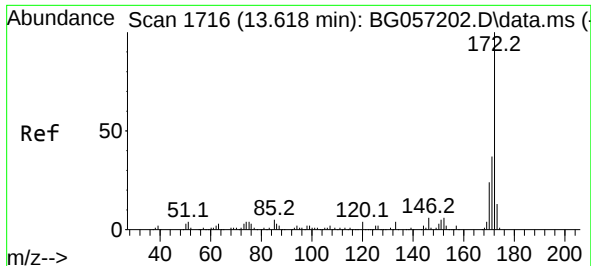
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#44
2,4,5-Trichlorophenol
Concen: 6.904 ng
RT: 13.501 min Scan# 1696
Delta R.T. -0.001 min
Lab File: BG057466.D
Acq: 19 May 2023 13:52

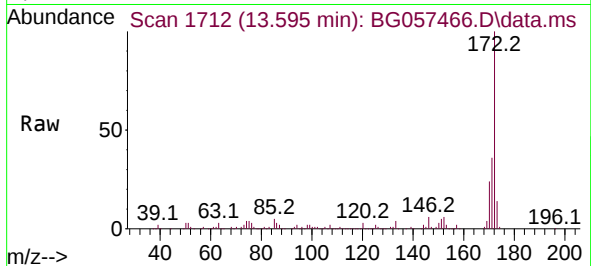
Tgt Ion:196 Resp: 10222
Ion Ratio Lower Upper
196 100
198 91.7 79.4 119.2
97 39.4 37.0 55.4
132 21.0 16.6 24.8





#45
2-Fluorobiphenyl
Concen: 76.470 ng
RT: 13.595 min Scan# 1712
Delta R.T. -0.007 min
Lab File: BG057466.D
Acq: 19 May 2023 13:52

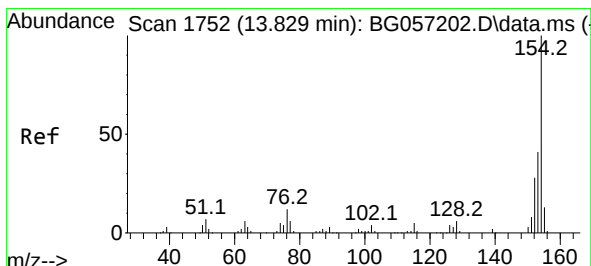
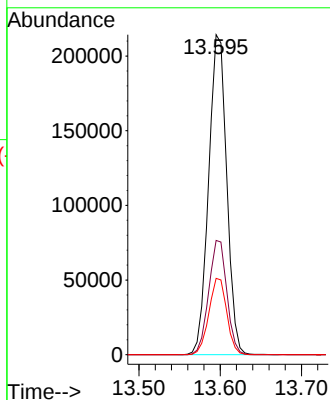
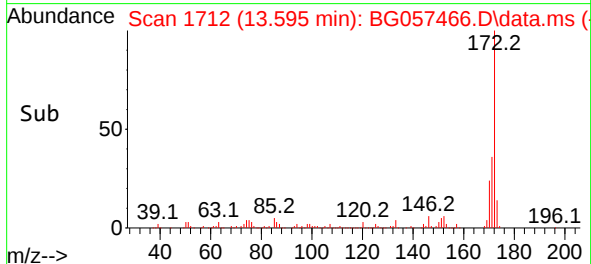
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2023



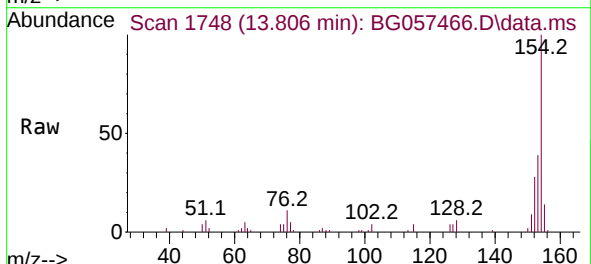
Tgt Ion:172 Resp: 330420
Ion Ratio Lower Upper
172 100
171 35.7 29.4 44.0
170 23.8 19.0 28.6

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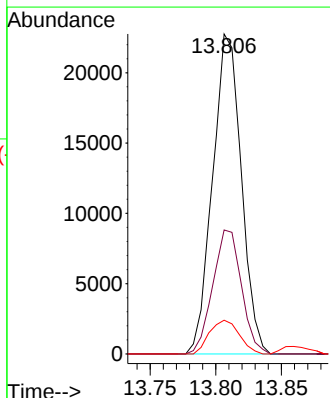
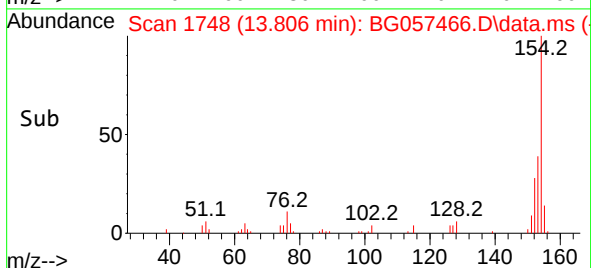
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#46
1,1'-Biphenyl
Concen: 7.996 ng
RT: 13.806 min Scan# 1748
Delta R.T. -0.007 min
Lab File: BG057466.D
Acq: 19 May 2023 13:52



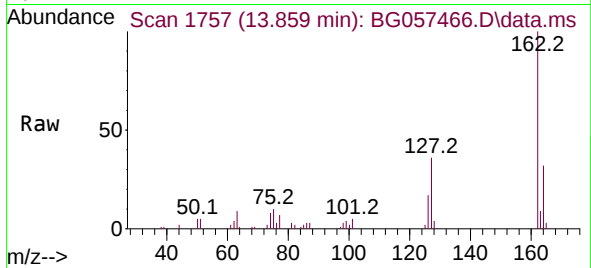
Tgt Ion:154 Resp: 34528
Ion Ratio Lower Upper
154 100
153 38.8 20.9 60.9
76 10.6 0.0 31.7





#47
2-Chloronaphthalene
Concen: 8.327 ng
RT: 13.859 min Scan# 1757
Delta R.T. -0.007 min
Lab File: BG057466.D
Acq: 19 May 2023 13:52

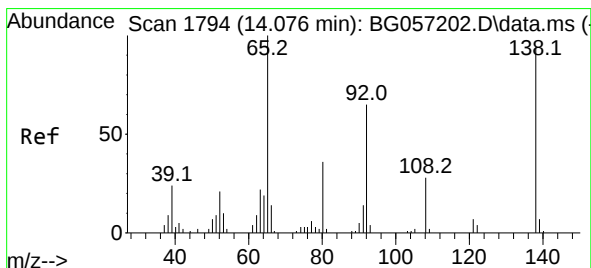
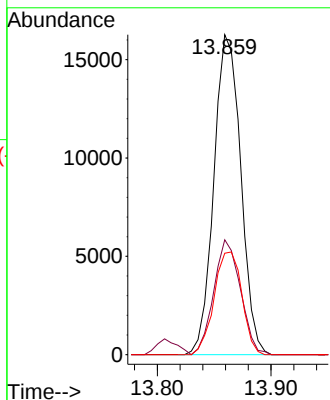
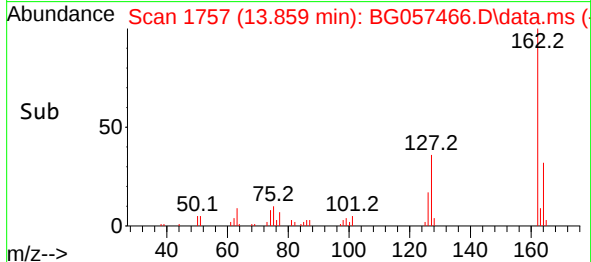
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT2-2023



Tgt Ion:162 Resp: 26740
Ion Ratio Lower Upper
162 100
127 35.9 29.8 44.6
164 31.7 26.6 40.0

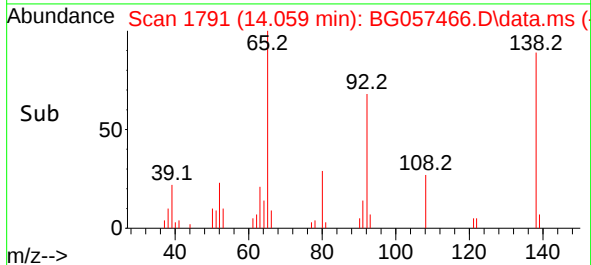
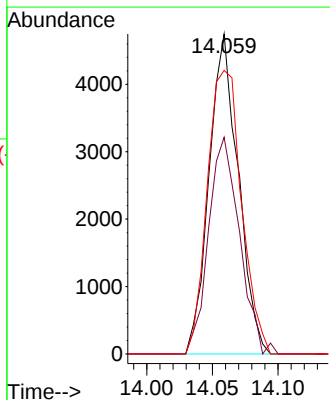
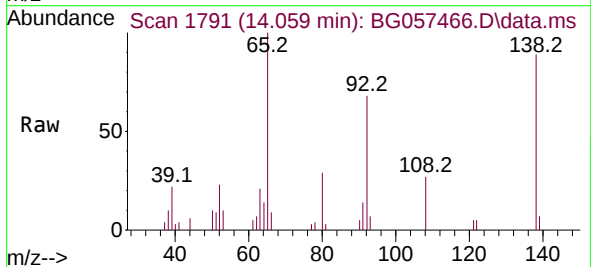
Manual Integrations
APPROVED

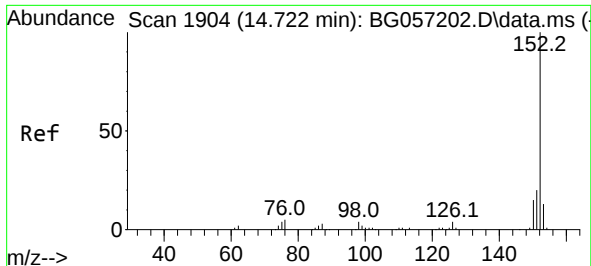
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#48
2-Nitroaniline
Concen: 6.719 ng
RT: 14.059 min Scan# 1791
Delta R.T. -0.001 min
Lab File: BG057466.D
Acq: 19 May 2023 13:52

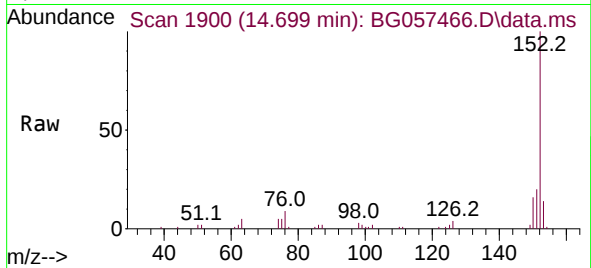
Tgt Ion: 65 Resp: 7336
Ion Ratio Lower Upper
65 100
92 67.7 52.1 78.1
138 88.6 75.3 112.9





#49
Acenaphthylene
Concen: 7.855 ng
RT: 14.699 min Scan# 1900
Delta R.T. -0.001 min
Lab File: BG057466.D
Acq: 19 May 2023 13:52

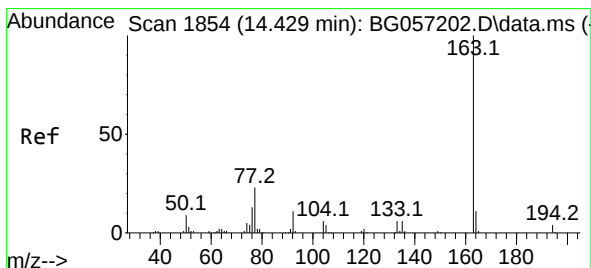
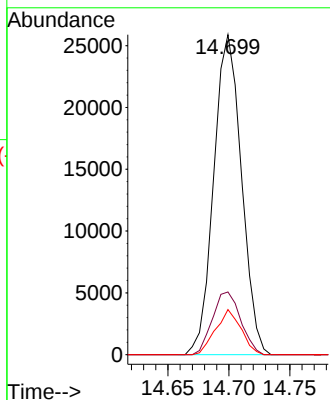
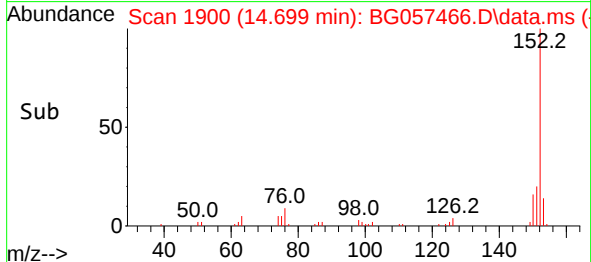
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT2-2023



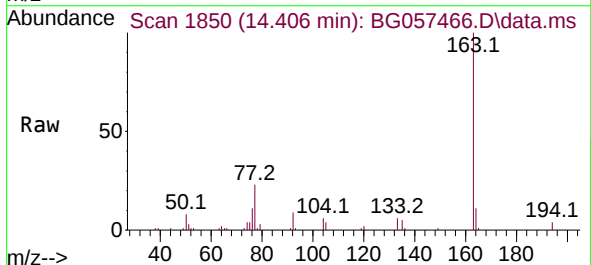
Tgt Ion:152 Resp: 4098
Ion Ratio Lower Upper
152 100
151 19.6 16.0 24.0
153 14.1 10.7 16.1

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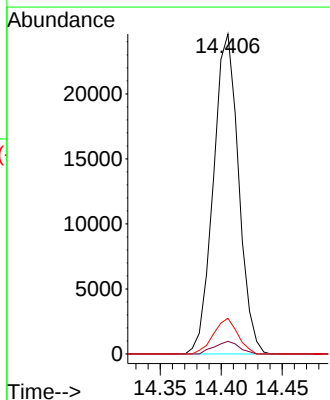
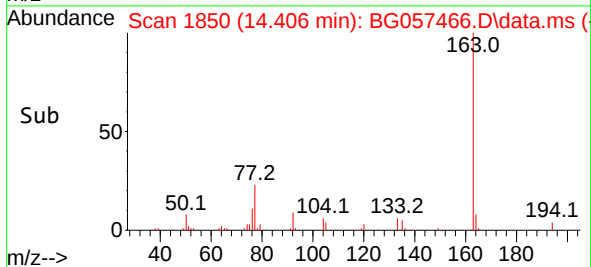
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023

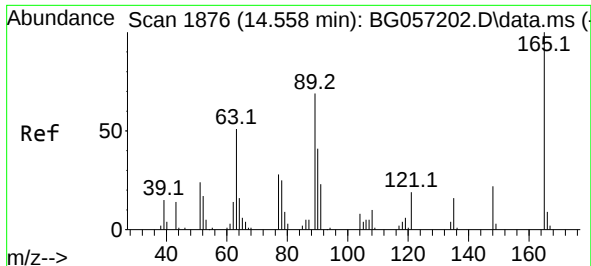


#50
Dimethylphthalate
Concen: 7.421 ng
RT: 14.406 min Scan# 1850
Delta R.T. -0.007 min
Lab File: BG057466.D
Acq: 19 May 2023 13:52



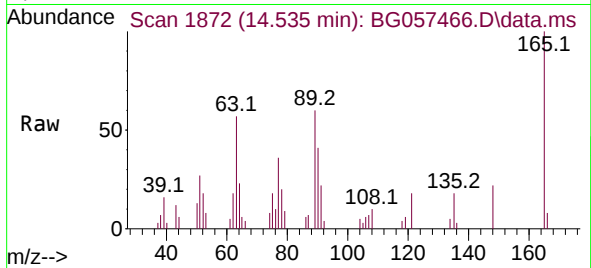
Tgt Ion:163 Resp: 35487
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.2
164 11.2 8.8 13.2





#51
2,6-Dinitrotoluene
Concen: 7.544 ng
RT: 14.535 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG057466.D
Acq: 19 May 2023 13:52

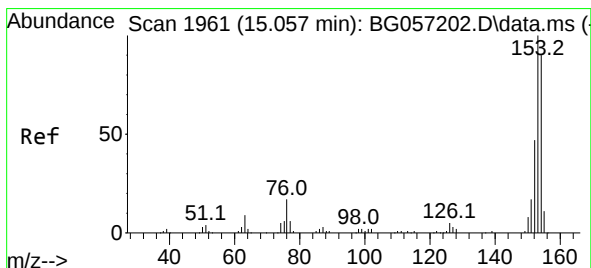
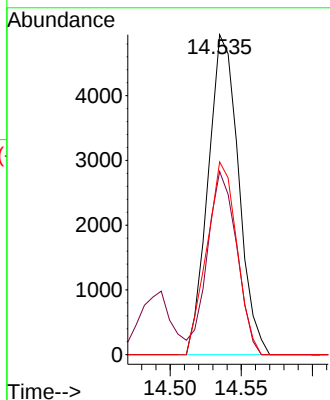
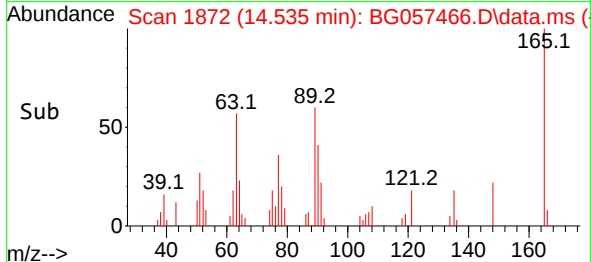
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion:165 Resp: 7360
Ion Ratio Lower Upper
165 100
63 57.3 50.9 76.3
89 60.2 55.2 82.8

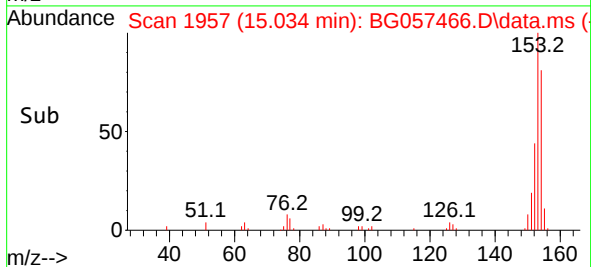
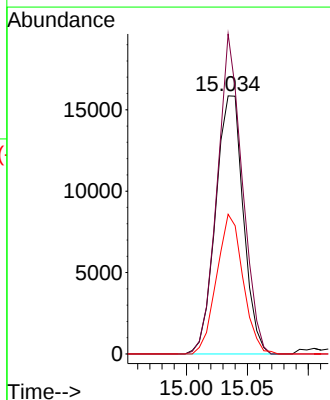
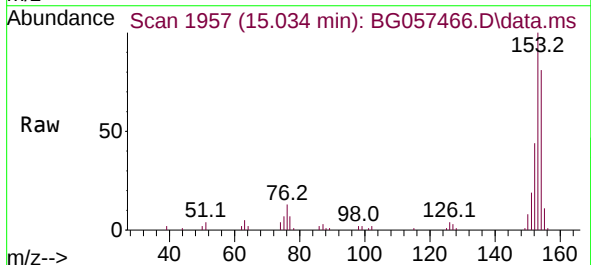
Manual Integrations
APPROVED

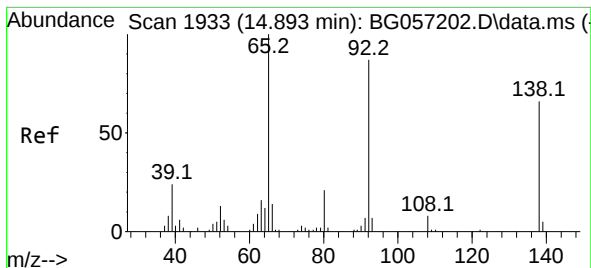
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#52
Acenaphthene
Concen: 7.691 ng
RT: 15.034 min Scan# 1957
Delta R.T. -0.001 min
Lab File: BG057466.D
Acq: 19 May 2023 13:52

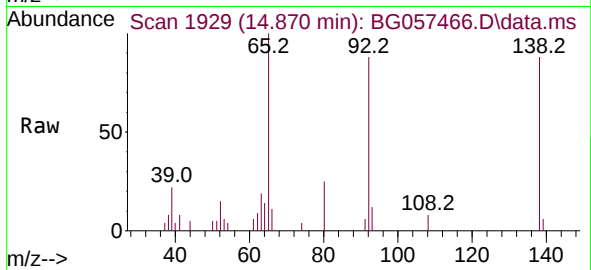
Tgt Ion:154 Resp: 25073
Ion Ratio Lower Upper
154 100
153 124.0 89.3 133.9
152 54.1 41.7 62.5





#53
3-Nitroaniline
Concen: 7.405 ng
RT: 14.870 min Scan# 1929
Delta R.T. -0.007 min
Lab File: BG057466.D
Acq: 19 May 2023 13:52

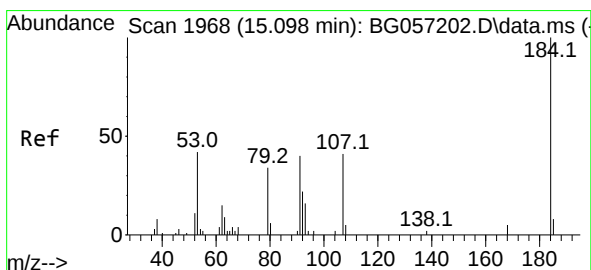
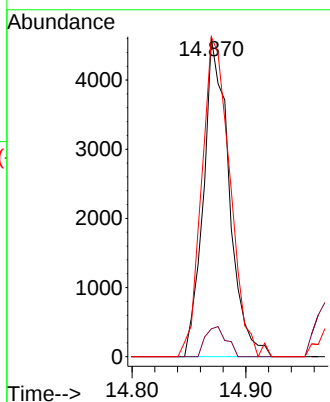
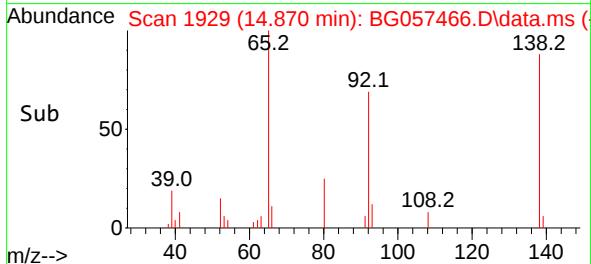
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT2-2023



Tgt Ion:138 Resp: 724
Ion Ratio Lower Upper
138 100
108 8.7 9.5 14.3
92 100.2 106.2 159.4

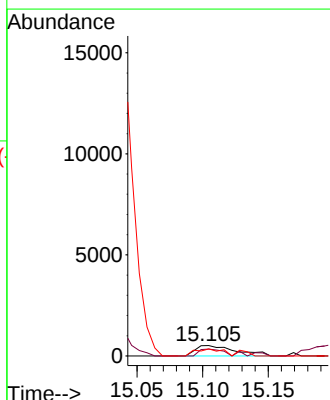
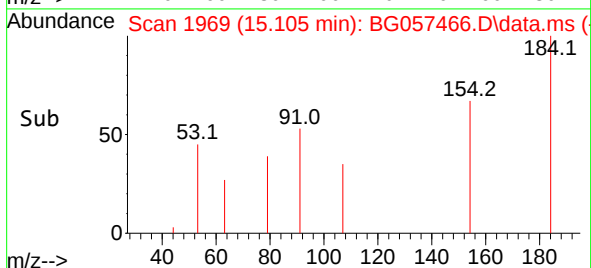
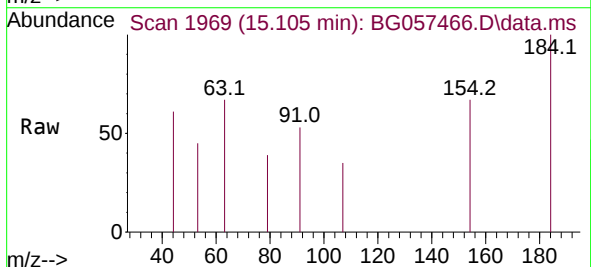
Manual Integrations
APPROVED

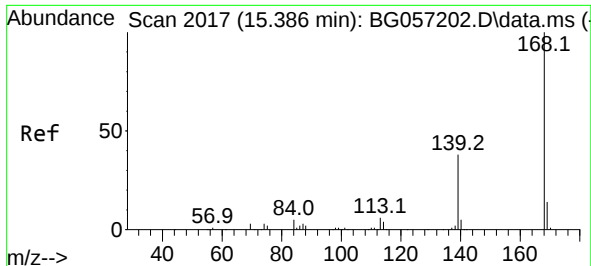
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#54
2,4-Dinitrophenol
Concen: 6.639 ng
RT: 15.105 min Scan# 1969
Delta R.T. 0.017 min
Lab File: BG057466.D
Acq: 19 May 2023 13:52

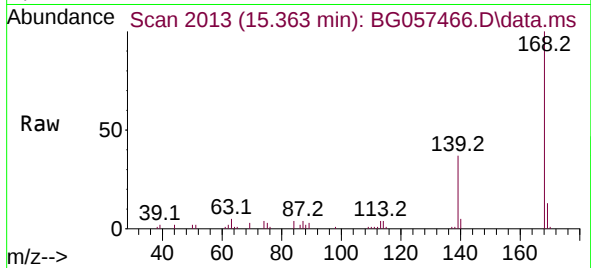
Tgt Ion:184 Resp: 1110
Ion Ratio Lower Upper
184 100
63 66.5 48.2 72.4
154 66.9 55.4 83.2





#55
Dibenzenofuran
Concen: 7.767 ng
RT: 15.363 min Scan# 2017
Delta R.T. -0.007 min
Lab File: BG057466.D
Acq: 19 May 2023 13:52

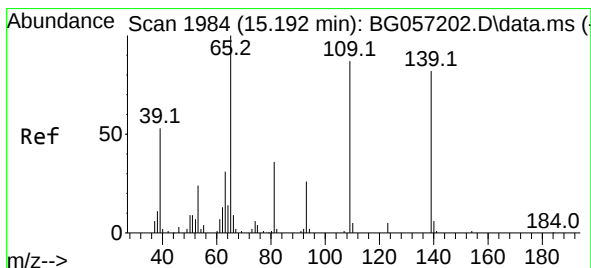
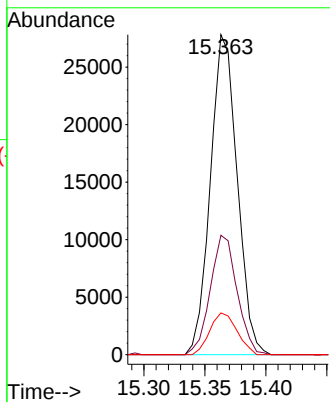
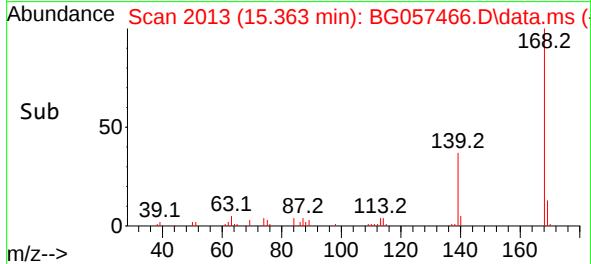
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT2-2023



Tgt Ion:168 Resp: 42540
Ion Ratio Lower Upper
168 100
139 37.3 30.7 46.1
169 13.1 10.9 16.3

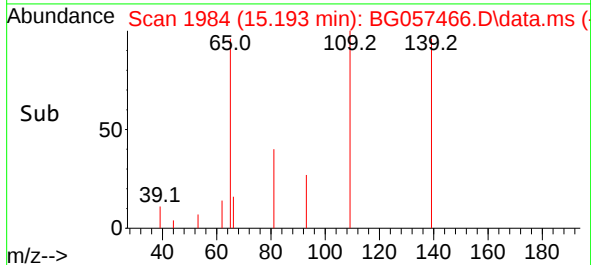
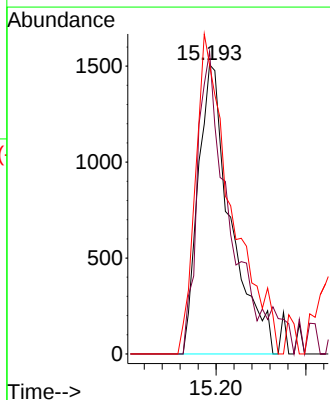
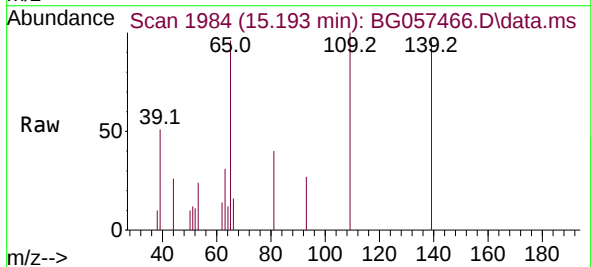
Manual Integrations
APPROVED

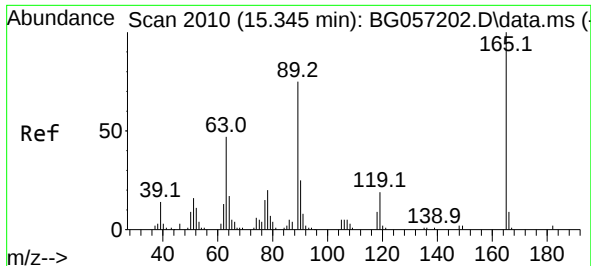
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#56
4-Nitrophenol
Concen: 5.824 ng
RT: 15.193 min Scan# 1984
Delta R.T. 0.011 min
Lab File: BG057466.D
Acq: 19 May 2023 13:52

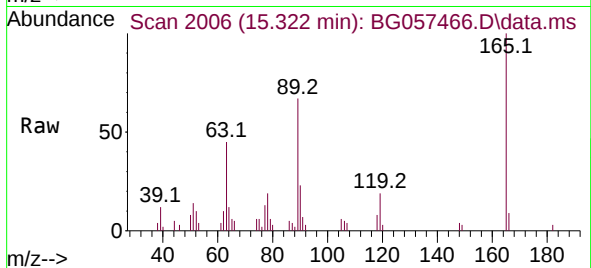
Tgt Ion:139 Resp: 3789
Ion Ratio Lower Upper
139 100
109 104.6 86.6 126.6
65 100.1 102.6 142.6#





#57
2,4-Dinitrotoluene
Concen: 7.543 ng
RT: 15.322 min Scan# 2010
Delta R.T. -0.007 min
Lab File: BG057466.D
Acq: 19 May 2023 13:52

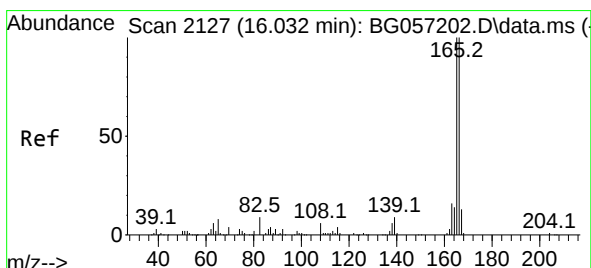
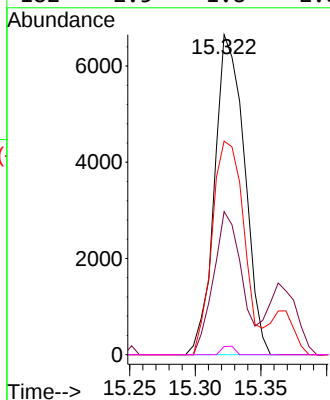
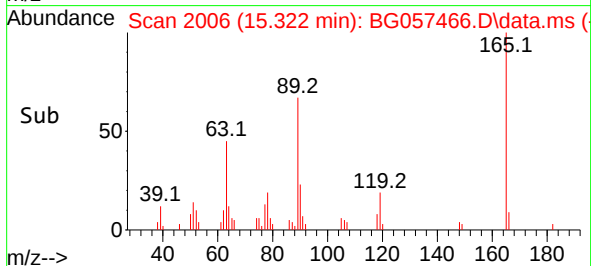
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion:165 Resp: 10520
Ion Ratio Lower Upper
165 100
63 44.7 37.5 56.3
89 66.7 60.2 90.4
182 2.5 1.8 2.8

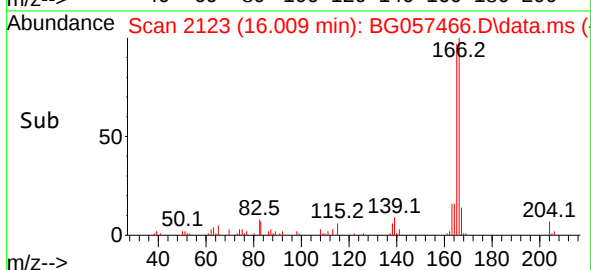
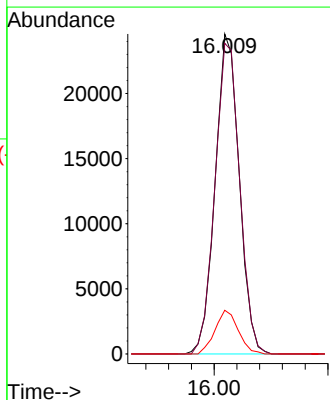
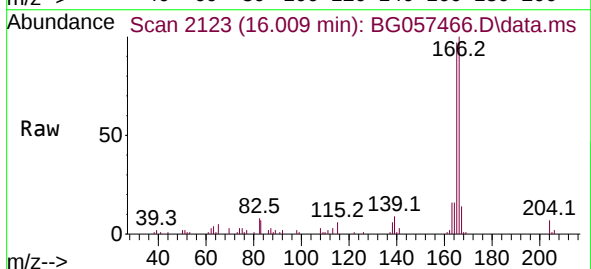
Manual Integrations
APPROVED

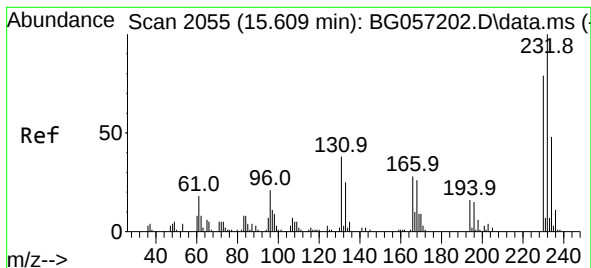
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#58
Fluorene
Concen: 7.994 ng
RT: 16.009 min Scan# 2123
Delta R.T. -0.007 min
Lab File: BG057466.D
Acq: 19 May 2023 13:52

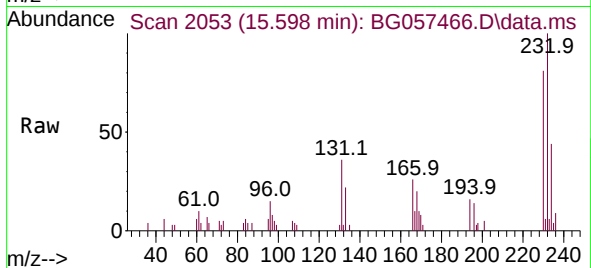
Tgt Ion:166 Resp: 36066
Ion Ratio Lower Upper
166 100
165 97.1 80.1 120.1
167 13.6 10.2 15.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 7.649 ng
RT: 15.598 min Scan# 2053
Delta R.T. 0.005 min
Lab File: BG057466.D
Acq: 19 May 2023 13:52

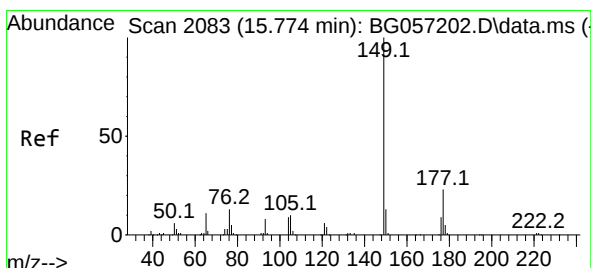
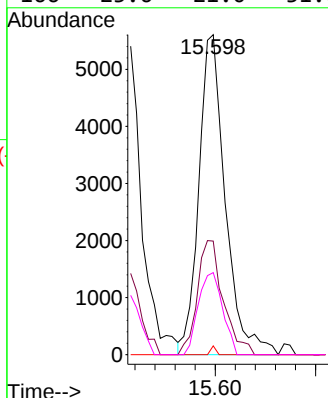
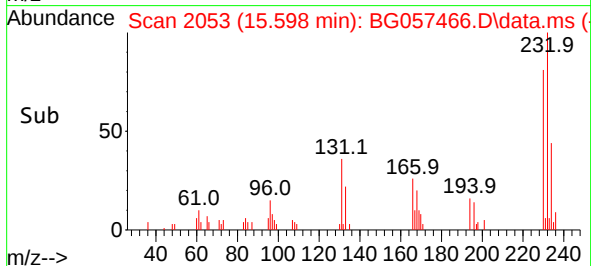
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2023



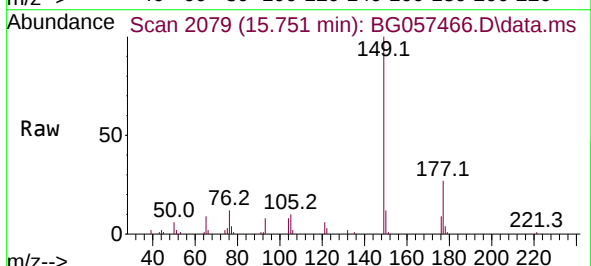
Tgt Ion:232 Resp: 1026
Ion Ratio Lower Upper
232 100
131 35.0 28.6 42.8
130 0.5 1.6 2.4
166 23.6 21.0 31.6

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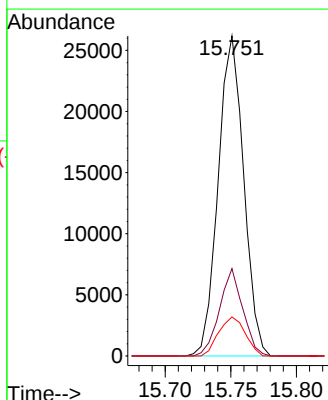
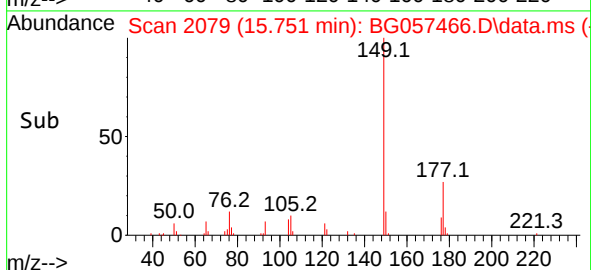
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023

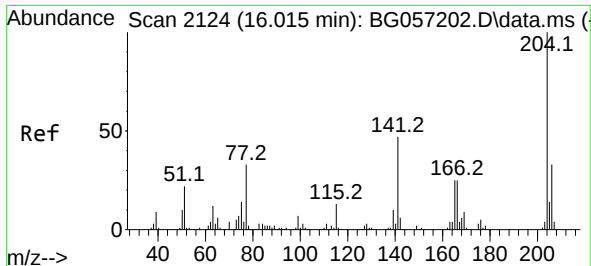


#60
Diethylphthalate
Concen: 7.272 ng
RT: 15.751 min Scan# 2079
Delta R.T. -0.001 min
Lab File: BG057466.D
Acq: 19 May 2023 13:52



Tgt Ion:149 Resp: 35315
Ion Ratio Lower Upper
149 100
177 27.3 18.3 27.5
150 12.2 10.1 15.1





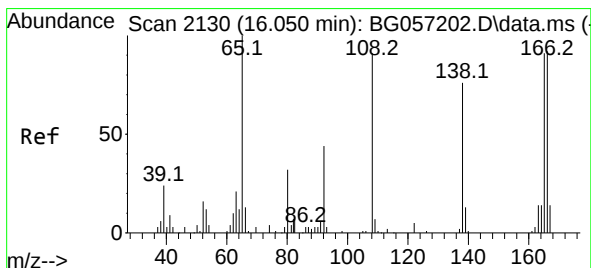
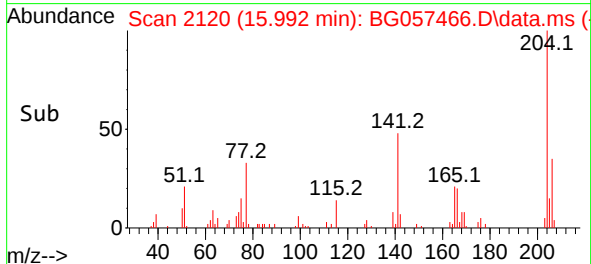
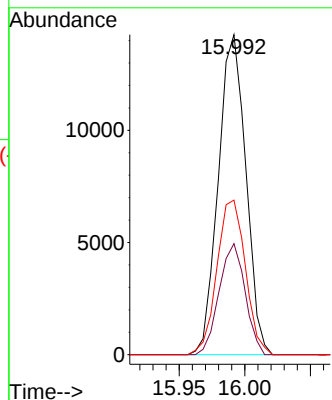
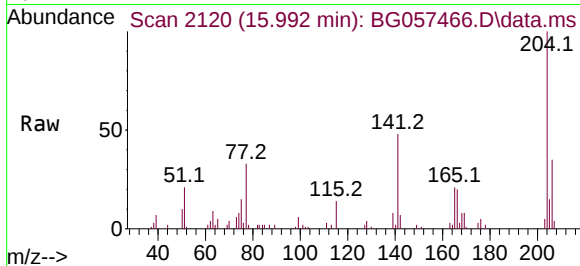
#61
4-Chlorophenyl-phenylether
Concen: 7.650 ng
RT: 15.992 min Scan# 2120
Delta R.T. -0.001 min
Lab File: BG057466.D
Acq: 19 May 2023 13:52

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2023

Tgt Ion:204 Resp: 2079
Ion Ratio Lower Upper
204 100
206 34.7 26.5 39.7
141 48.3 37.4 56.0

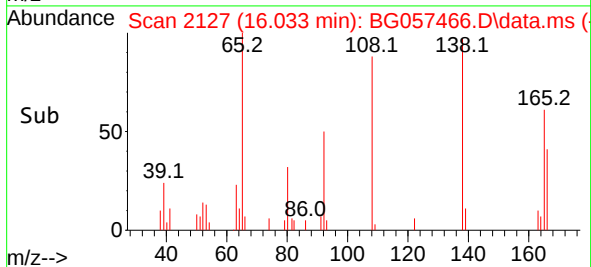
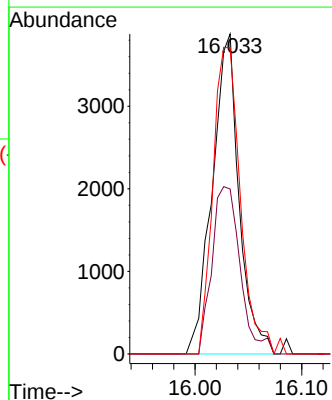
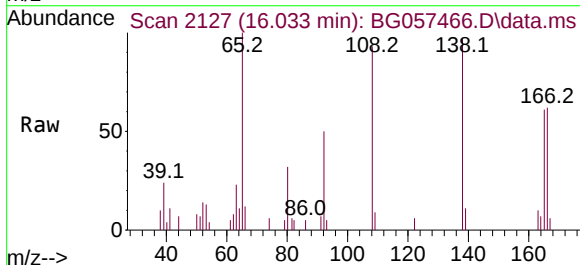
Manual Integrations
APPROVED

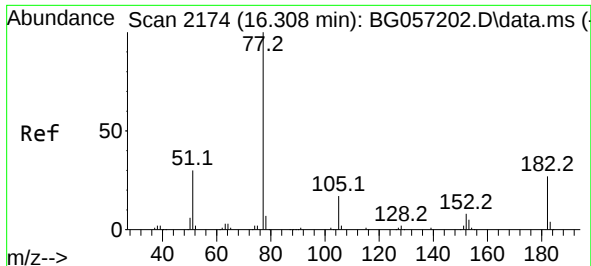
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#62
4-Nitroaniline
Concen: 6.851 ng
RT: 16.033 min Scan# 2127
Delta R.T. -0.001 min
Lab File: BG057466.D
Acq: 19 May 2023 13:52

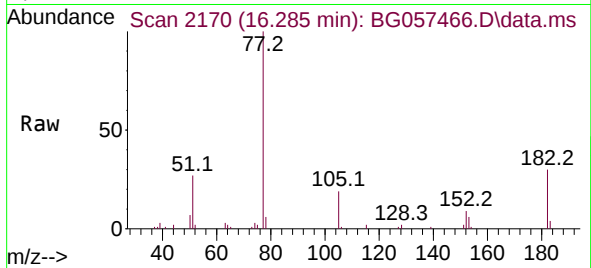
Tgt Ion:138 Resp: 6761
Ion Ratio Lower Upper
138 100
92 51.5 38.2 78.2
108 95.6 99.6 139.6#





#63
Azobenzene
Concen: 6.949 ng
RT: 16.285 min Scan# 2174
Delta R.T. -0.001 min
Lab File: BG057466.D
Acq: 19 May 2023 13:52

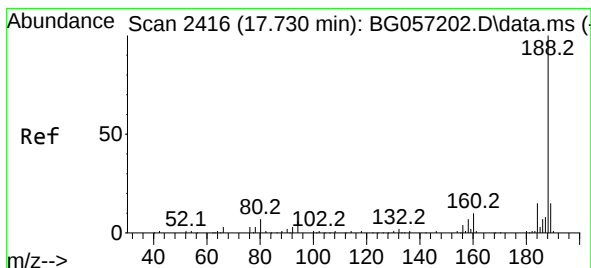
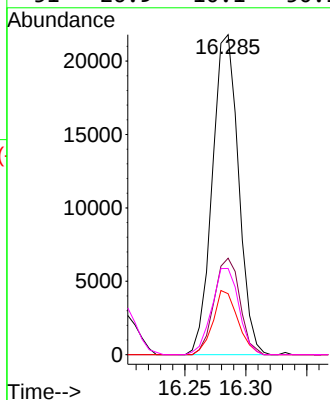
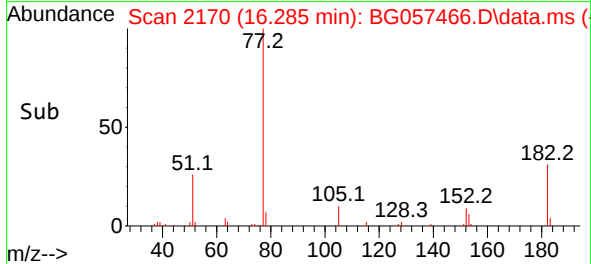
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2023



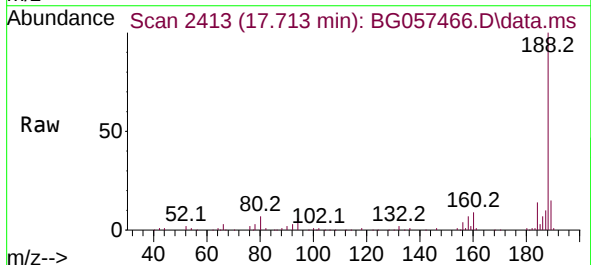
Tgt Ion: 77 Resp: 3256
Ion Ratio Lower Upper
77 100
182 30.1 7.4 47.4
105 19.1 0.0 37.2
51 26.9 10.1 50.1

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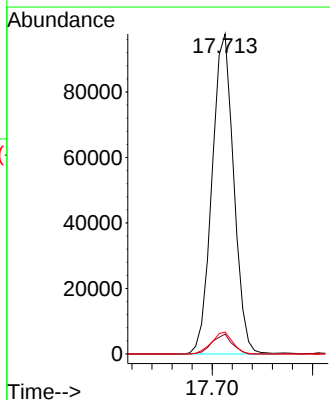
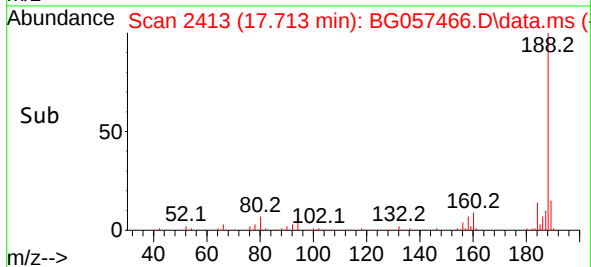
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023

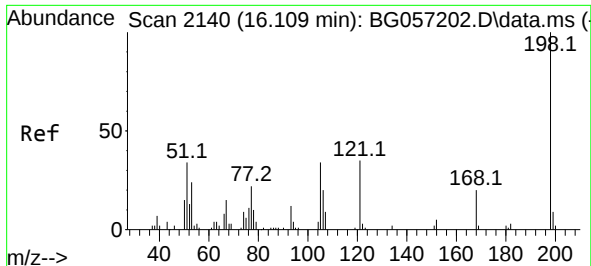


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.713 min Scan# 2413
Delta R.T. -0.001 min
Lab File: BG057466.D
Acq: 19 May 2023 13:52



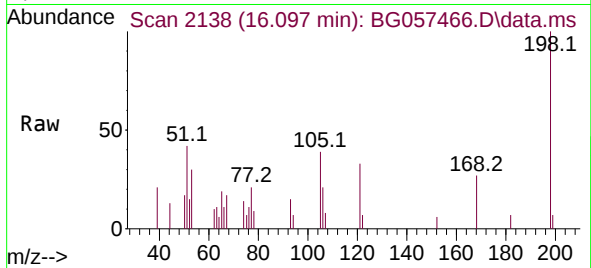
Tgt Ion:188 Resp: 146663
Ion Ratio Lower Upper
188 100
94 6.2 5.1 7.7
80 6.8 5.7 8.5





#65
4,6-Dinitro-2-methylphenol
Concen: 5.719 ng
RT: 16.097 min Scan# 2140
Delta R.T. 0.005 min
Lab File: BG057466.D
Acq: 19 May 2023 13:52

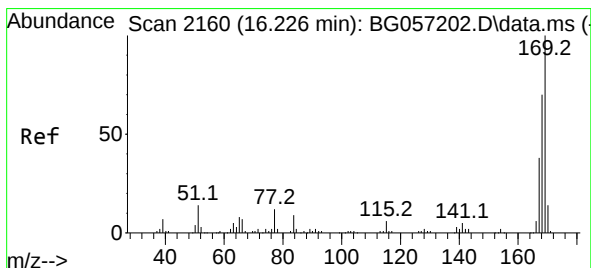
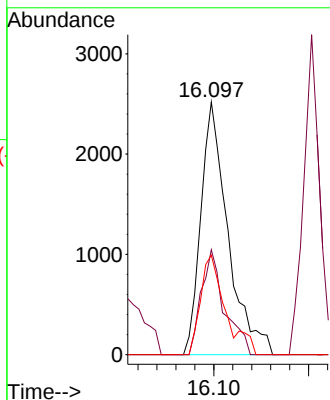
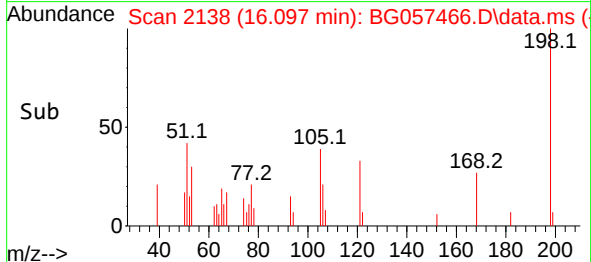
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2023



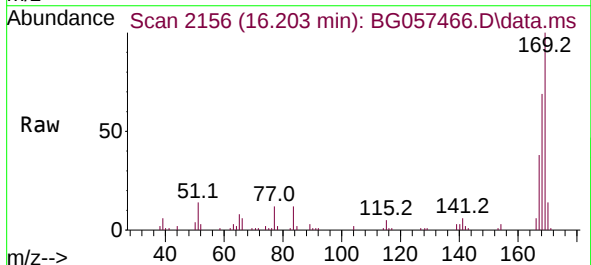
Tgt Ion:198 Resp: 5008
Ion Ratio Lower Upper
198 100
51 41.5 16.1 56.1
105 39.4 14.0 54.0

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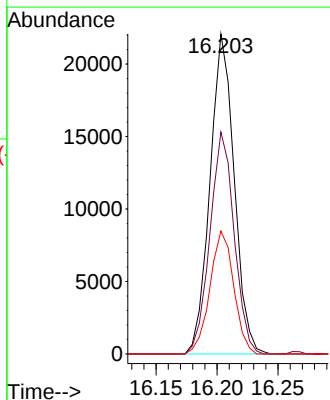
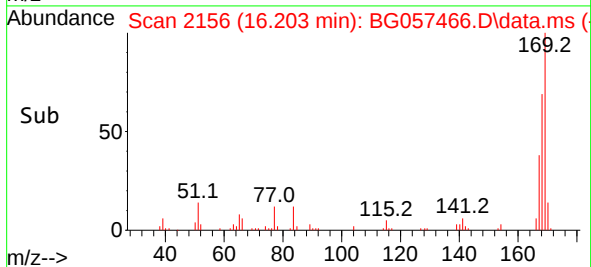
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#66
n-Nitrosodiphenylamine
Concen: 7.637 ng
RT: 16.203 min Scan# 2156
Delta R.T. -0.007 min
Lab File: BG057466.D
Acq: 19 May 2023 13:52



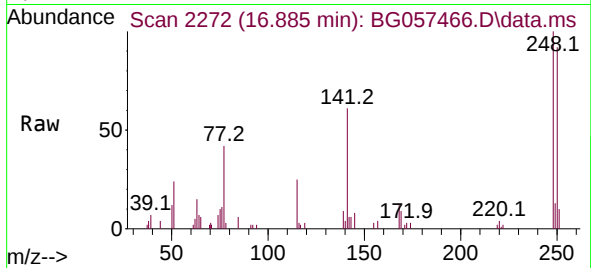
Tgt Ion:169 Resp: 30420
Ion Ratio Lower Upper
169 100
168 69.3 56.2 84.4
167 38.4 30.2 45.4





#67
4-Bromophenyl-phenylether
Concen: 7.744 ng
RT: 16.885 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG057466.D
Acq: 19 May 2023 13:52

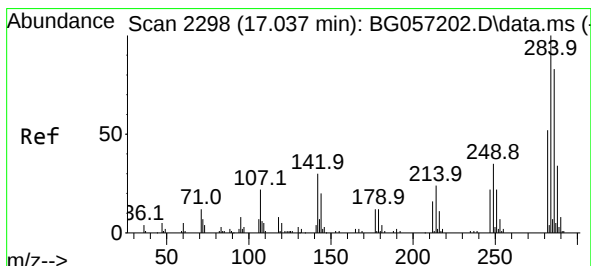
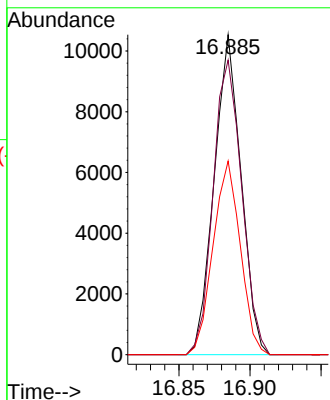
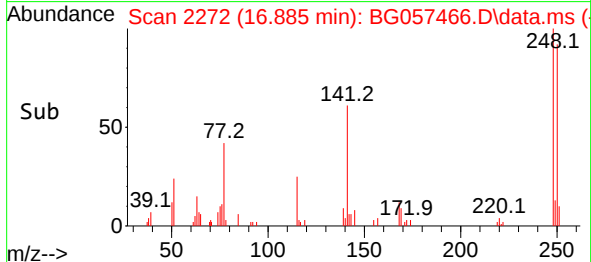
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2023



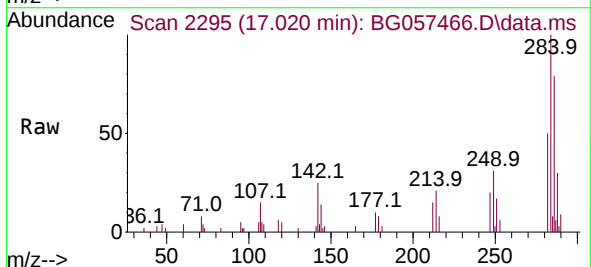
Tgt Ion:248 Resp: 1386
Ion Ratio Lower Upper
248 100
250 92.0 77.0 115.6
141 60.5 48.6 72.8

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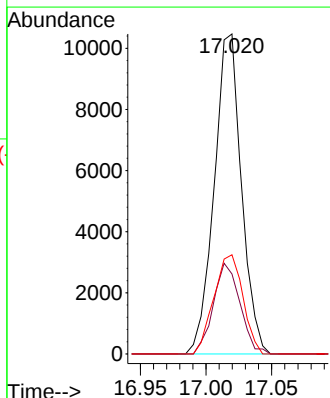
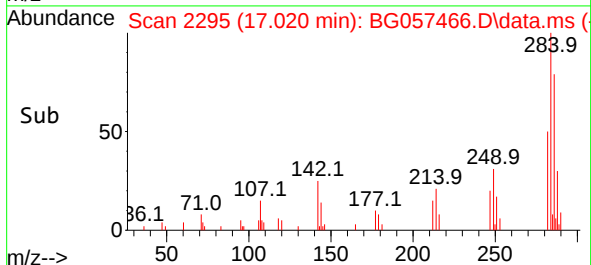
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023

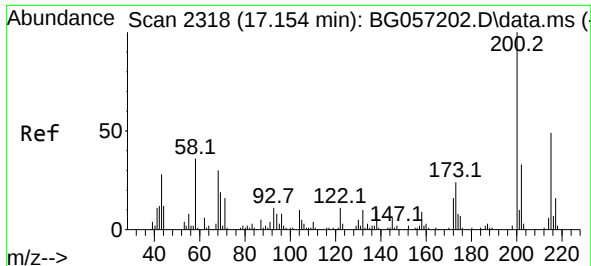


#68
Hexachlorobenzene
Concen: 8.669 ng
RT: 17.020 min Scan# 2295
Delta R.T. -0.001 min
Lab File: BG057466.D
Acq: 19 May 2023 13:52



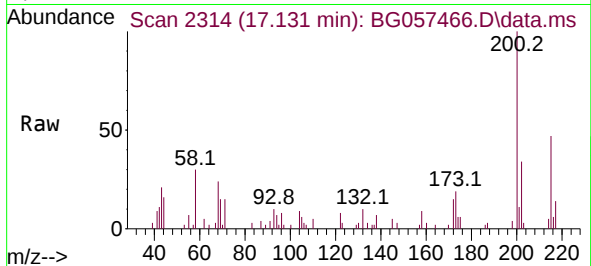
Tgt Ion:284 Resp: 15083
Ion Ratio Lower Upper
284 100
142 25.0 23.9 35.9
249 31.0 27.7 41.5





#69
 Atrazine
 Concen: 8.786 ng
 RT: 17.131 min Scan# 2135
 Delta R.T. -0.007 min
 Lab File: BG057466.D
 Acq: 19 May 2023 13:52

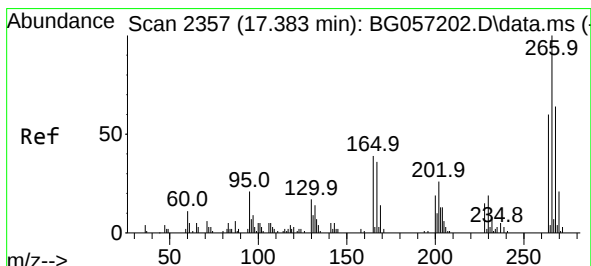
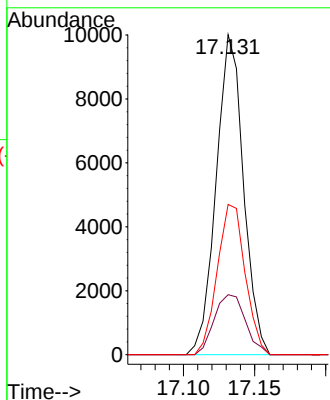
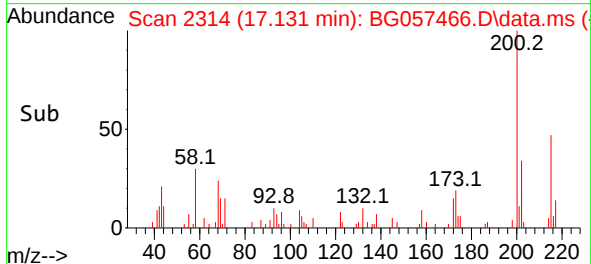
Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT2-2023



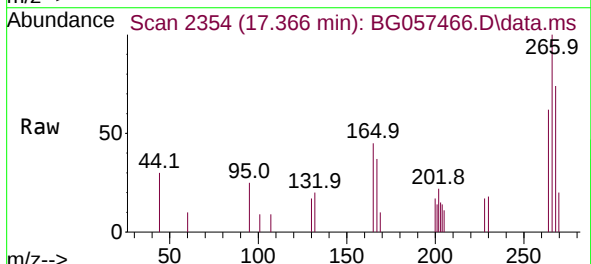
Tgt Ion:200 Resp: 1335
 Ion Ratio Lower Upper
 200 100
 173 18.8 4.3 44.3
 215 47.0 29.3 69.3

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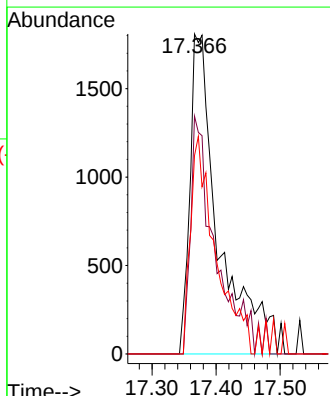
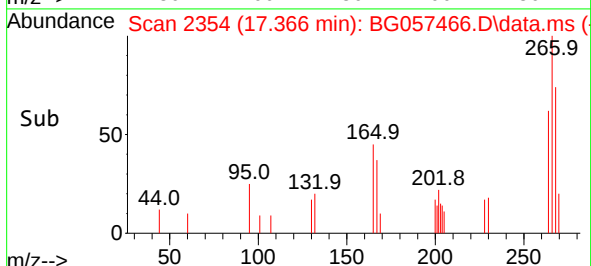
Reviewed By :Christian Giraldo 05/22/2023
 Supervised By :Jagrut Upadhyay 05/22/2023

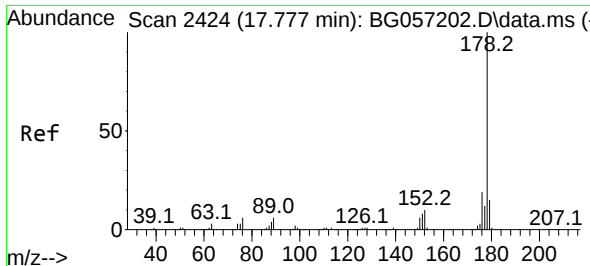


#70
 Pentachlorophenol
 Concen: 5.646 ng m
 RT: 17.366 min Scan# 2354
 Delta R.T. -0.001 min
 Lab File: BG057466.D
 Acq: 19 May 2023 13:52



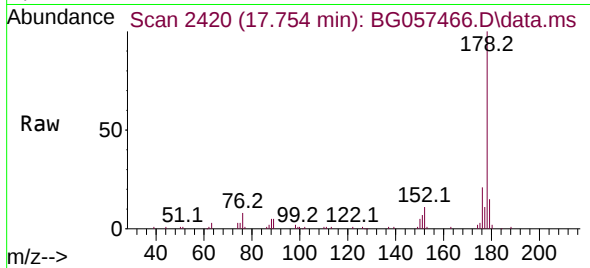
Tgt Ion:266 Resp: 5661
 Ion Ratio Lower Upper
 266 100
 268 74.3 51.0 76.6
 264 62.0 47.8 71.6





#71
Phenanthrene
Concen: 7.938 ng
RT: 17.754 min Scan# 2424
Delta R.T. -0.001 min
Lab File: BG057466.D
Acq: 19 May 2023 13:52

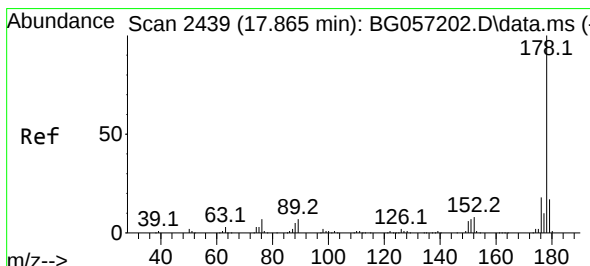
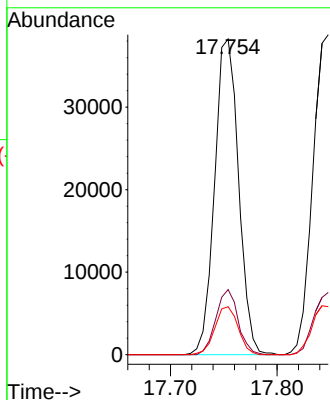
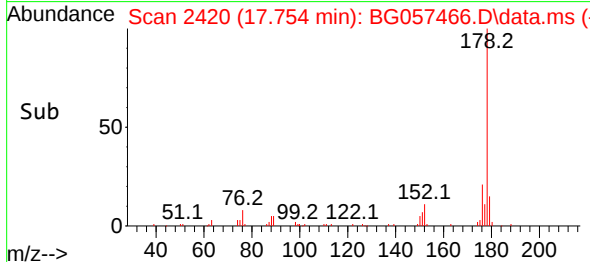
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2023



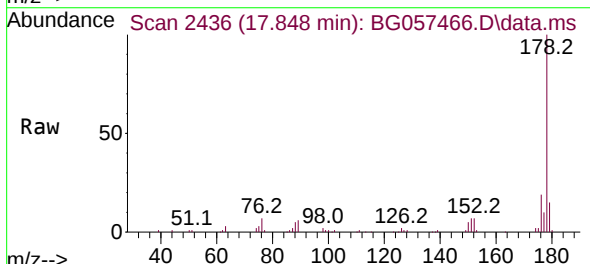
Tgt Ion:178 Resp: 59650
Ion Ratio Lower Upper
178 100
176 20.6 15.4 23.2
179 15.2 12.3 18.5

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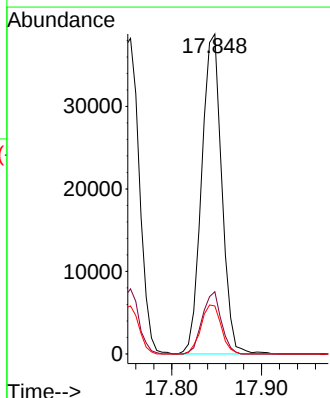
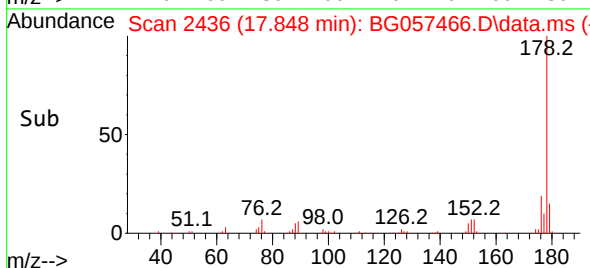
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023

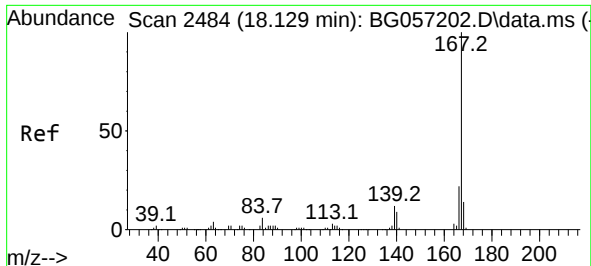


#72
Anthracene
Concen: 7.814 ng
RT: 17.848 min Scan# 2436
Delta R.T. -0.001 min
Lab File: BG057466.D
Acq: 19 May 2023 13:52



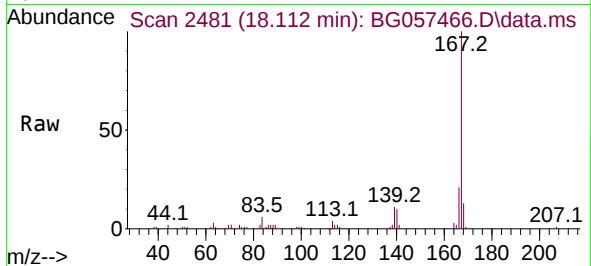
Tgt Ion:178 Resp: 60253
Ion Ratio Lower Upper
178 100
176 19.5 14.7 22.1
179 15.0 13.2 19.8





#73
Carbazole
Concen: 7.922 ng
RT: 18.112 min Scan# 2484
Delta R.T. -0.001 min
Lab File: BG057466.D
Acq: 19 May 2023 13:52

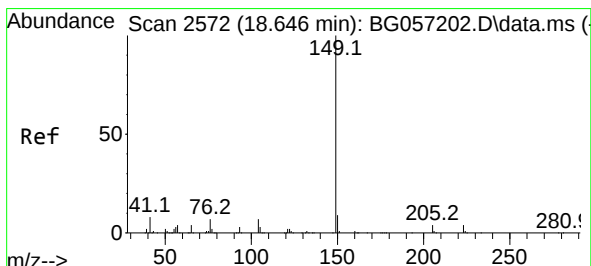
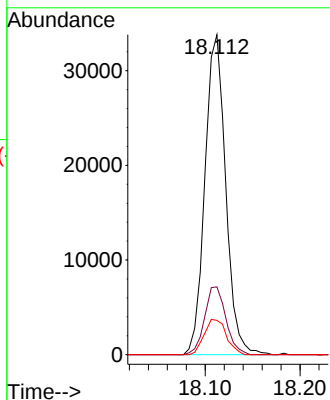
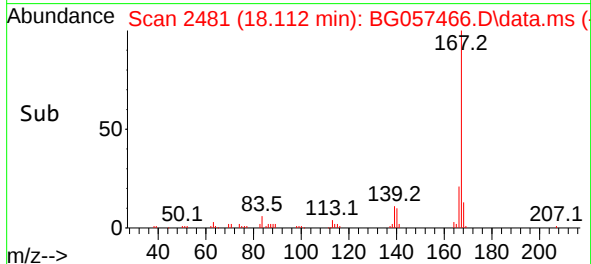
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2023



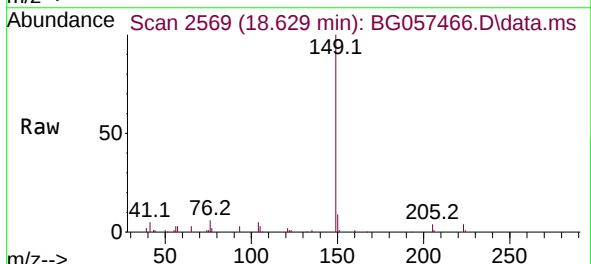
Tgt Ion:167 Resp: 51428
Ion Ratio Lower Upper
167 100
166 21.2 17.4 26.0
139 10.7 9.6 14.4

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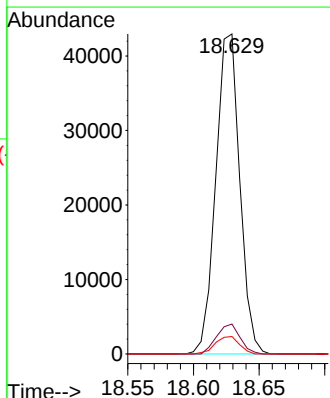
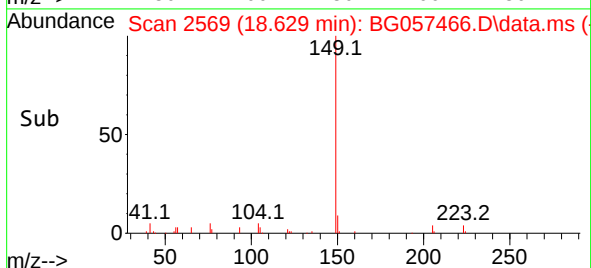
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023

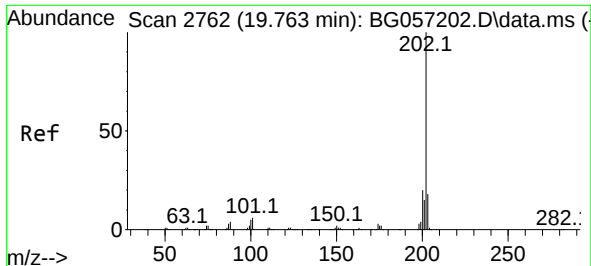


#74
Di-n-butylphthalate
Concen: 7.296 ng
RT: 18.629 min Scan# 2569
Delta R.T. -0.001 min
Lab File: BG057466.D
Acq: 19 May 2023 13:52



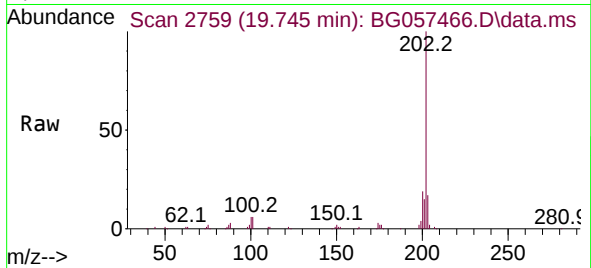
Tgt Ion:149 Resp: 54499
Ion Ratio Lower Upper
149 100
150 9.4 7.3 10.9
104 5.5 5.4 8.2





#75
Fluoranthene
Concen: 7.699 ng
RT: 19.745 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG057466.D
Acq: 19 May 2023 13:52

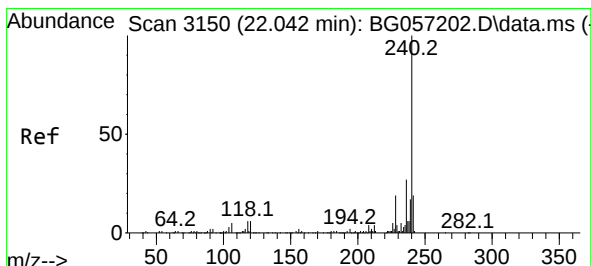
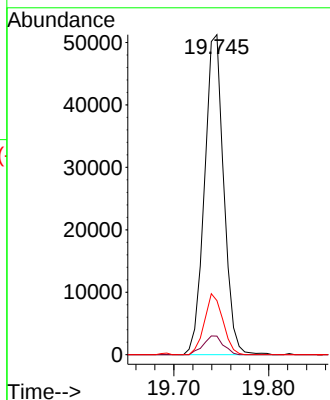
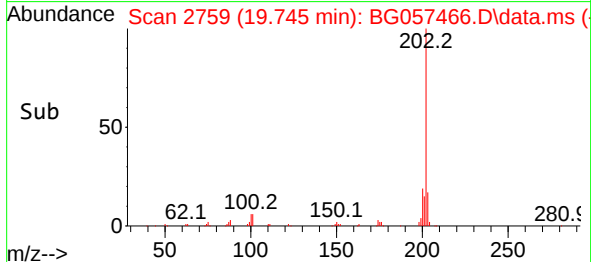
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion:202 Resp: 71962
Ion Ratio Lower Upper
202 100
101 5.8 0.0 26.2
203 16.9 0.0 37.9

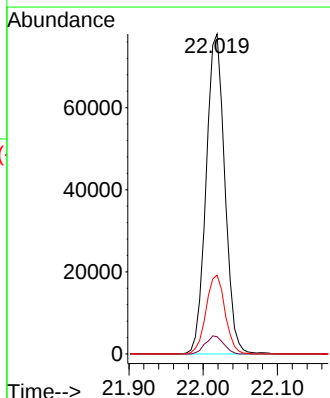
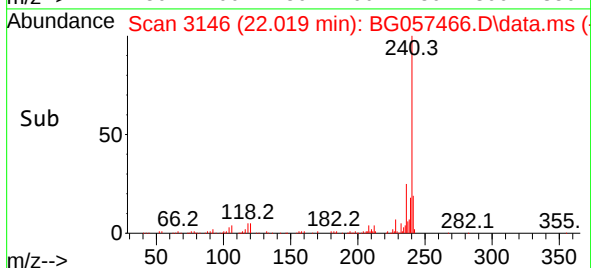
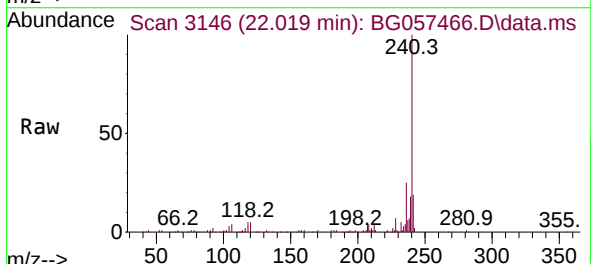
Manual Integrations
APPROVED

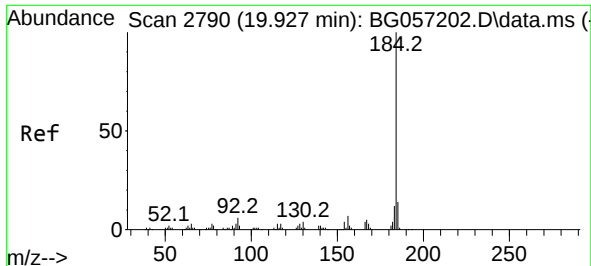
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.019 min Scan# 3146
Delta R.T. -0.001 min
Lab File: BG057466.D
Acq: 19 May 2023 13:52

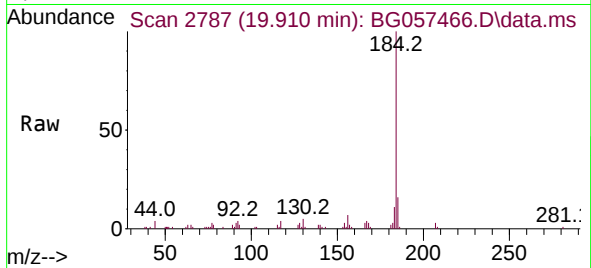
Tgt Ion:240 Resp: 136110
Ion Ratio Lower Upper
240 100
120 5.4 4.9 7.3
236 24.6 21.4 32.2





#77
Benzidine
Concen: 11.484 ng
RT: 19.910 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG057466.D
Acq: 19 May 2023 13:52

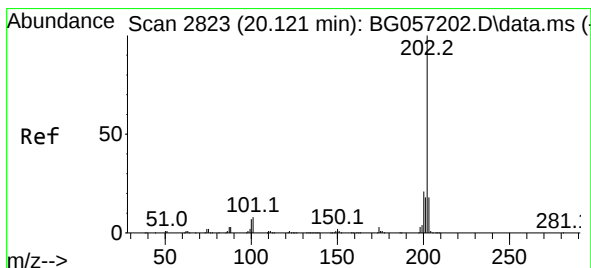
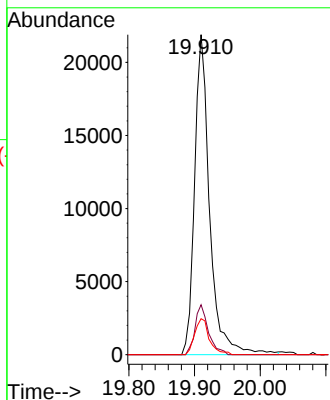
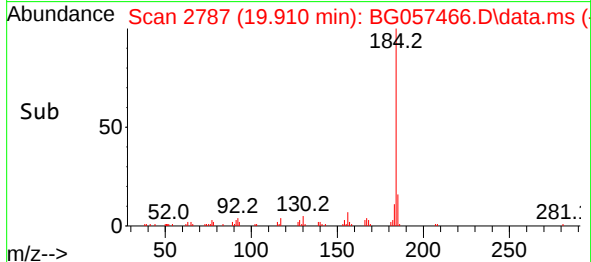
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2023



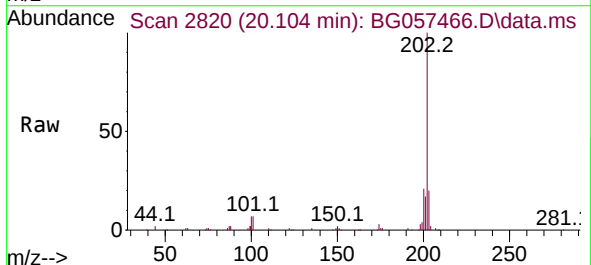
Tgt Ion:184 Resp: 34940
Ion Ratio Lower Upper
184 100
185 15.6 11.1 16.7
183 11.3 9.9 14.9

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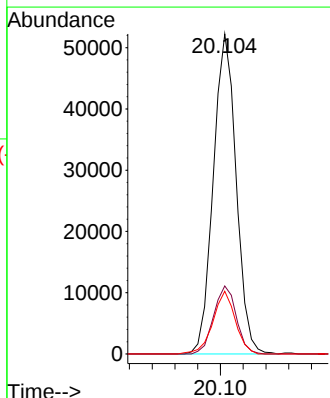
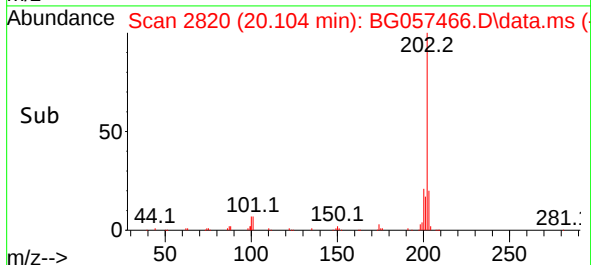
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023

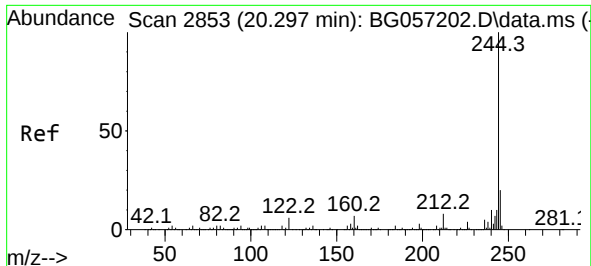


#78
Pyrene
Concen: 7.363 ng
RT: 20.104 min Scan# 2820
Delta R.T. -0.001 min
Lab File: BG057466.D
Acq: 19 May 2023 13:52



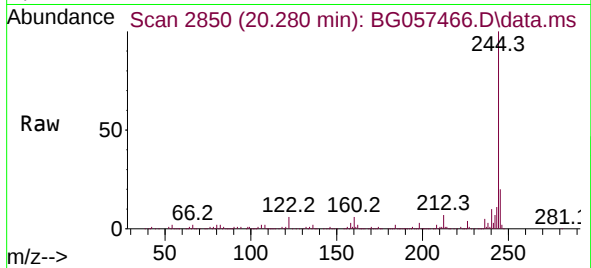
Tgt Ion:202 Resp: 72826
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.4
203 19.6 14.2 21.4





#79
 Terphenyl-d14
 Concen: 73.931 ng
 RT: 20.280 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG057466.D
 Acq: 19 May 2023 13:52

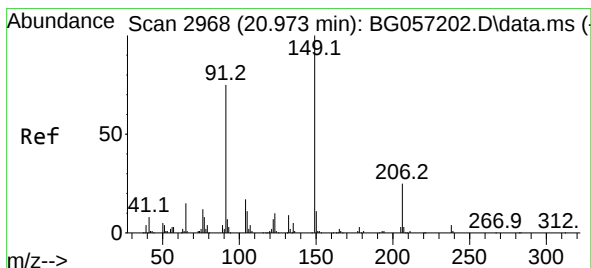
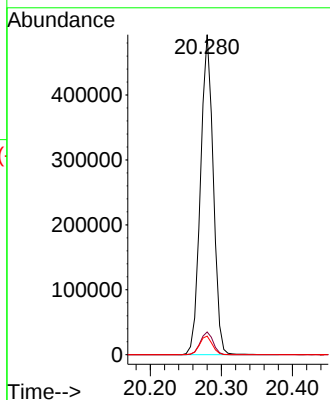
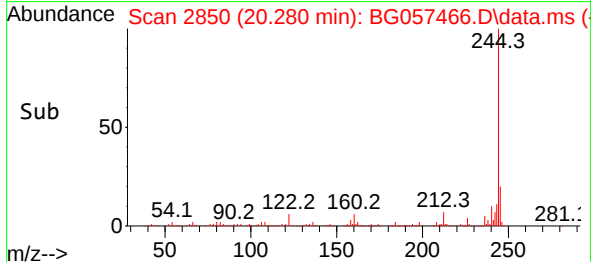
Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT2-2023



Tgt Ion:244 Resp: 61662
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 5.8 5.1 7.7

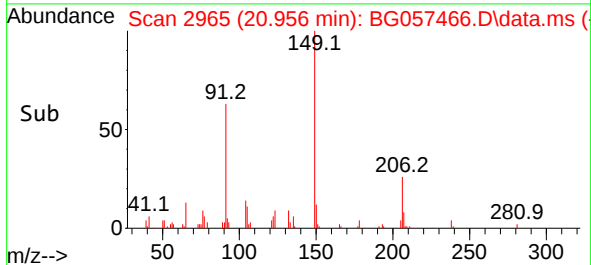
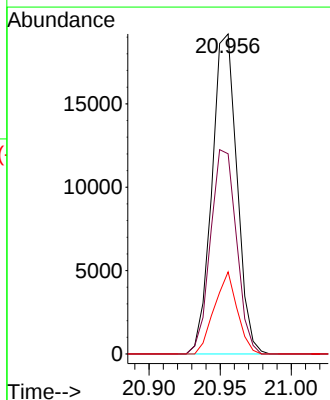
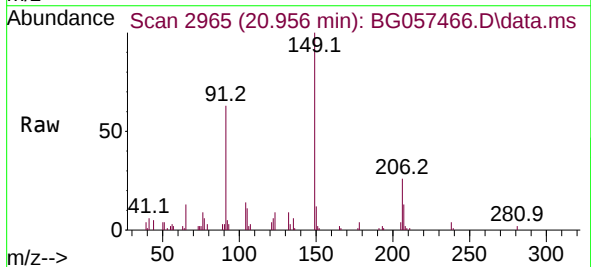
Manual Integrations
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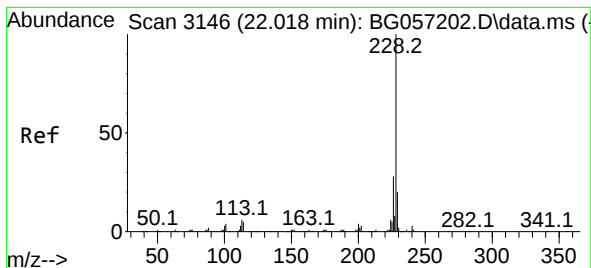
Reviewed By :Christian Giraldo 05/22/2023
 Supervised By :Jagrut Upadhyay 05/22/2023



#80
 Butylbenzylphthalate
 Concen: 7.473 ng
 RT: 20.956 min Scan# 2965
 Delta R.T. -0.001 min
 Lab File: BG057466.D
 Acq: 19 May 2023 13:52

Tgt Ion:149 Resp: 23453
 Ion Ratio Lower Upper
 149 100
 91 62.5 59.7 89.5
 206 25.6 19.7 29.5





#81

Benzo(a)anthracene

Concen: 7.559 ng

RT: 21.995 min Scan# 3146

Delta R.T. -0.001 min

Lab File: BG057466.D

Acq: 19 May 2023 13:52

Instrument :

BNA_G

ClientSampleId :

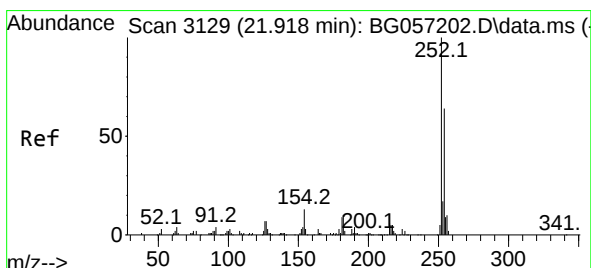
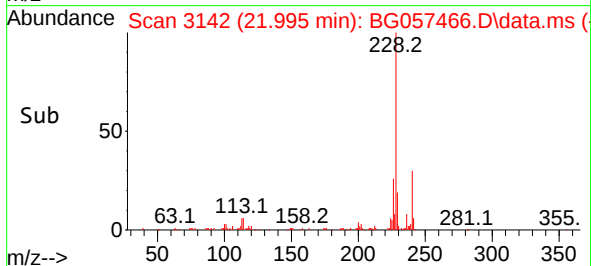
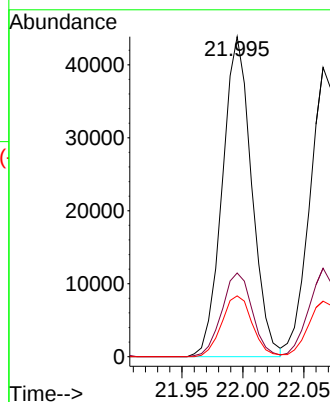
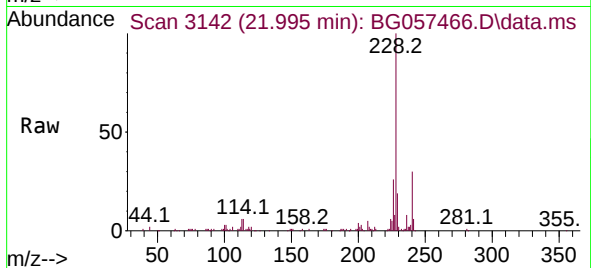
MDL-WATER-03-QT2-2023

Tgt Ion:228 Resp: 7330
 Ion Ratio Lower Upper
 228 100
 226 26.1 22.0 33.0
 229 19.0 15.8 23.8

Manual Integrations

APPROVED

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



#82

3,3'-Dichlorobenzidine

Concen: 9.279 ng

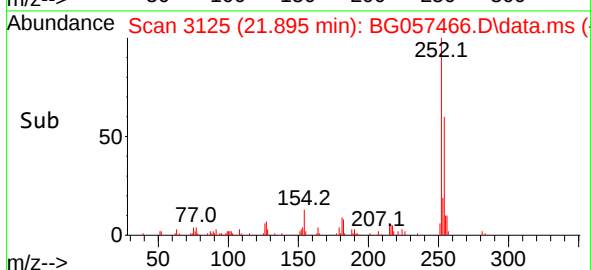
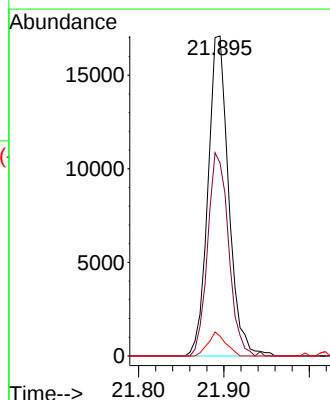
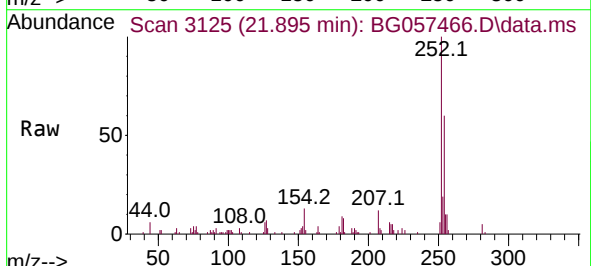
RT: 21.895 min Scan# 3125

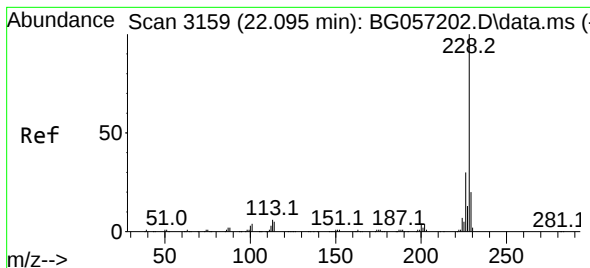
Delta R.T. -0.001 min

Lab File: BG057466.D

Acq: 19 May 2023 13:52

Tgt Ion:252 Resp: 28821
 Ion Ratio Lower Upper
 252 100
 254 60.3 51.4 77.0
 126 6.2 5.9 8.9





#83

Chrysene

Concen: 7.588 ng

RT: 22.066 min Scan# 3115

Delta R.T. -0.007 min

Lab File: BG057466.D

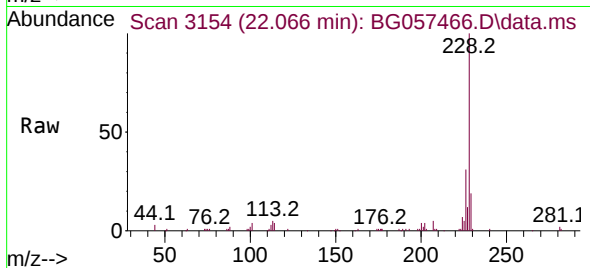
Acq: 19 May 2023 13:52

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT2-2023



Tgt Ion:228 Resp: 6923

Ion Ratio Lower Upper

228 100

226 30.6 24.3 36.5

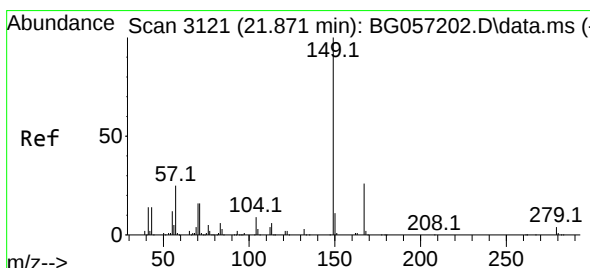
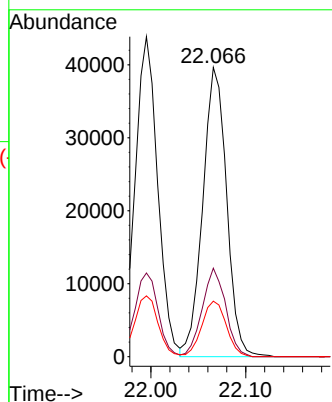
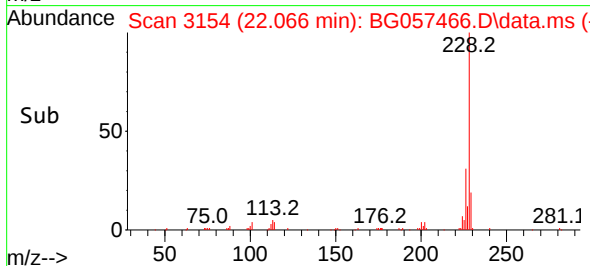
229 19.2 15.9 23.9

Manual Integrations

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Reviewed By :Christian Giraldo 05/22/2023

Supervised By :Jagrut Upadhyay 05/22/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 7.274 ng

RT: 21.837 min Scan# 3115

Delta R.T. -0.007 min

Lab File: BG057466.D

Acq: 19 May 2023 13:52

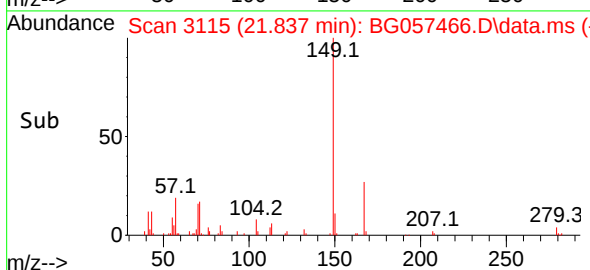
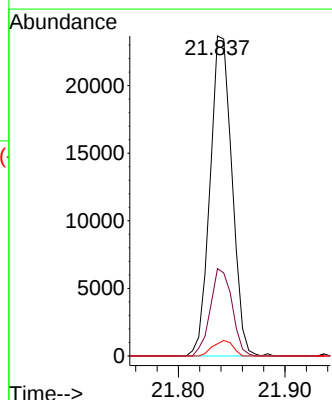
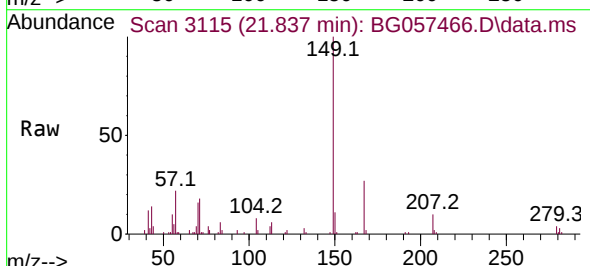
Tgt Ion:149 Resp: 33774

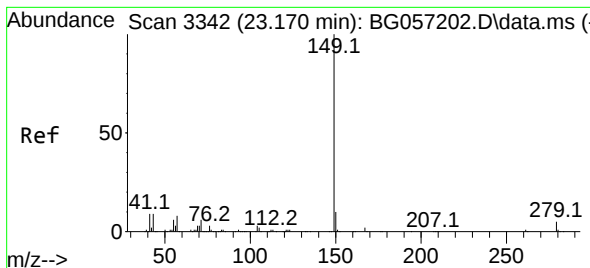
Ion Ratio Lower Upper

149 100

167 27.3 21.2 31.8

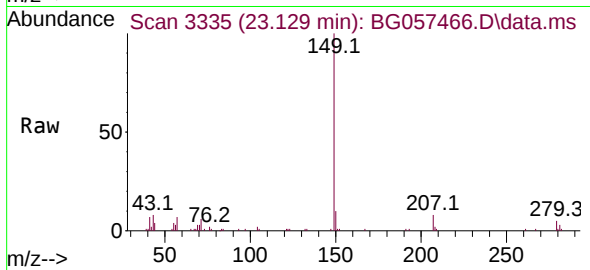
279 3.8 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 7.463 ng
RT: 23.129 min Scan# 31
Delta R.T. -0.007 min
Lab File: BG057466.D
Acq: 19 May 2023 13:52

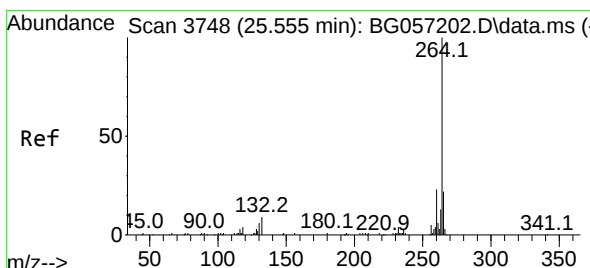
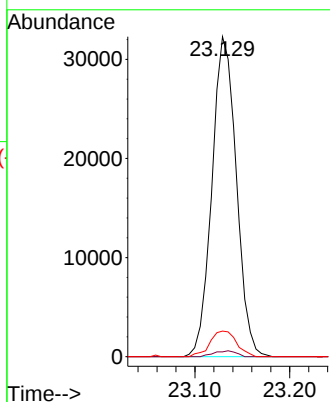
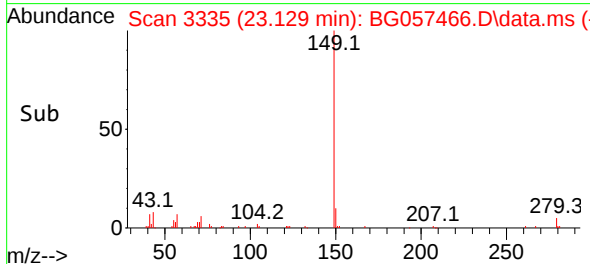
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2023



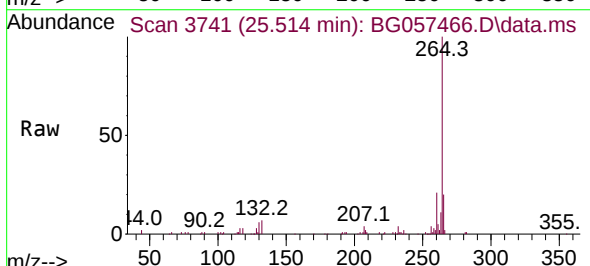
Tgt Ion:149 Resp: 5777
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.7 7.8 11.8

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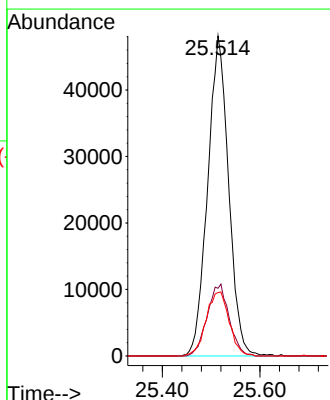
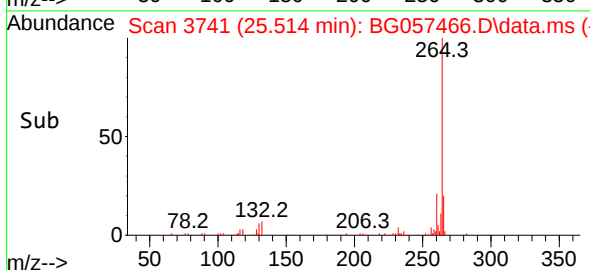
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023

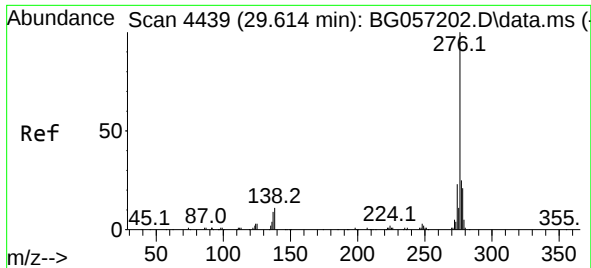


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.514 min Scan# 3741
Delta R.T. -0.001 min
Lab File: BG057466.D
Acq: 19 May 2023 13:52



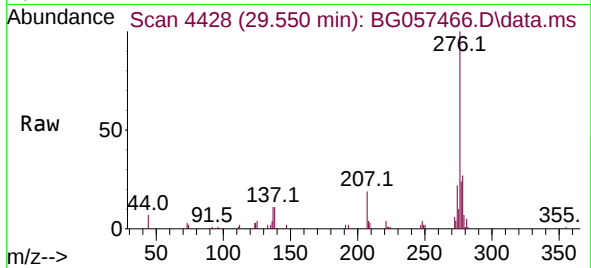
Tgt Ion:264 Resp: 143272
Ion Ratio Lower Upper
264 100
260 21.1 18.8 28.2
265 19.8 17.9 26.9





#87
Indeno(1,2,3-cd)pyrene
Concen: 7.718 ng
RT: 29.550 min Scan# 4439
Delta R.T. -0.013 min
Lab File: BG057466.D
Acq: 19 May 2023 13:52

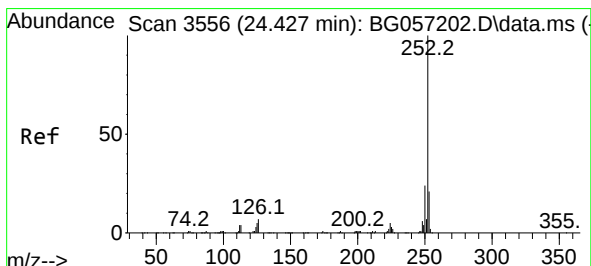
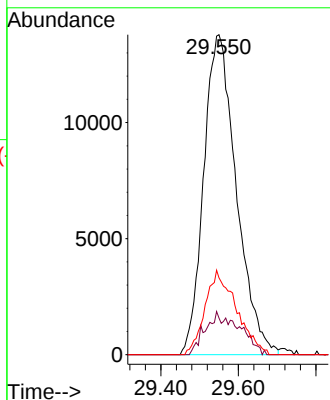
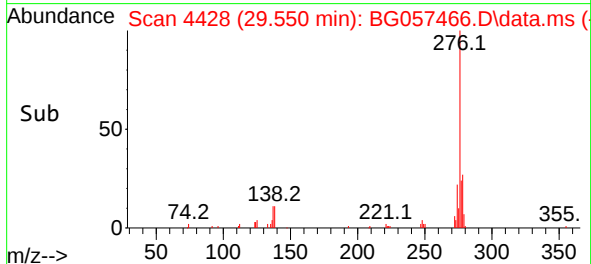
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2023



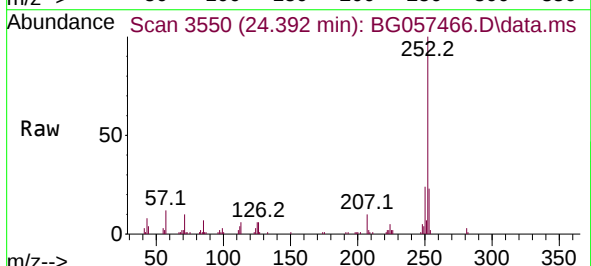
Tgt Ion:276 Resp: 8058
Ion Ratio Lower Upper
276 100
138 6.5 5.4 8.0
277 25.3 20.6 30.8

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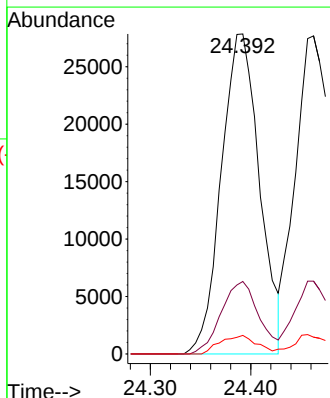
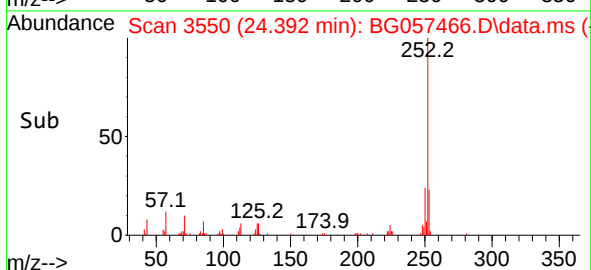
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023

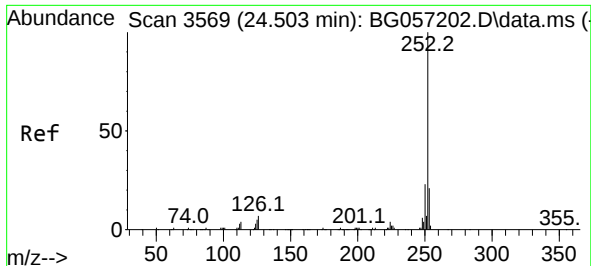


#88
Benzo(b)fluoranthene
Concen: 7.855 ng
RT: 24.392 min Scan# 3550
Delta R.T. -0.001 min
Lab File: BG057466.D
Acq: 19 May 2023 13:52



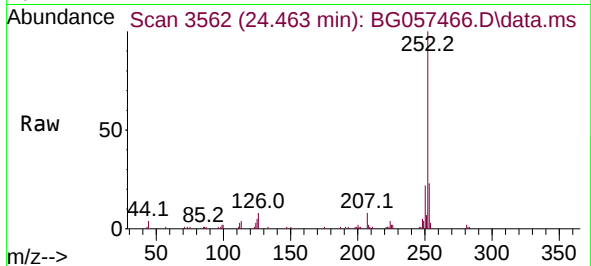
Tgt Ion:252 Resp: 73570
Ion Ratio Lower Upper
252 100
253 22.7 17.0 25.6
125 5.8 4.2 6.2





#89
Benzo(k)fluoranthene
Concen: 7.597 ng
RT: 24.463 min Scan# 31
Delta R.T. -0.007 min
Lab File: BG057466.D
Acq: 19 May 2023 13:52

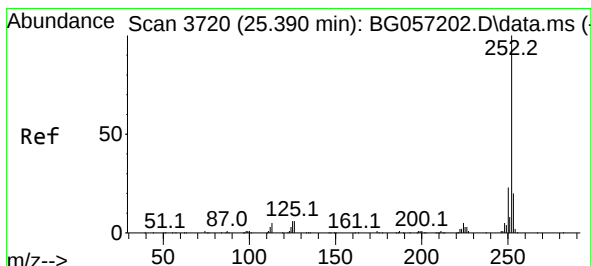
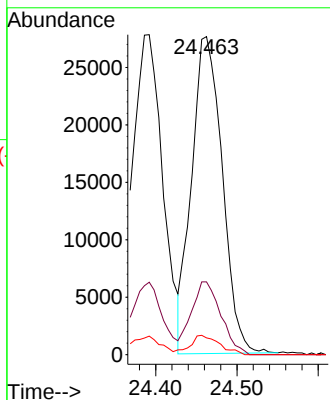
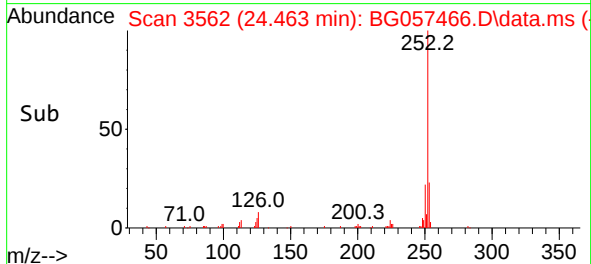
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2023



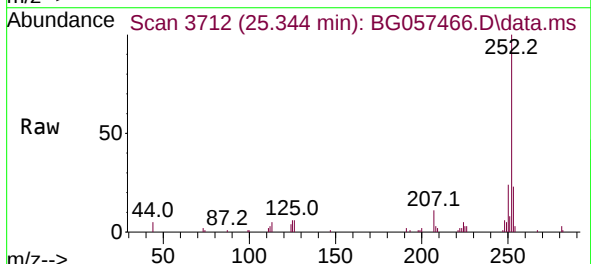
Tgt Ion:252 Resp: 7229
Ion Ratio Lower Upper
252 100
253 22.9 17.4 26.0
125 5.3 4.1 6.1

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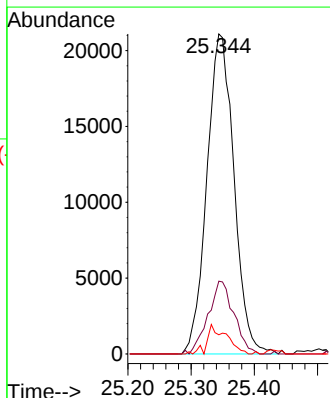
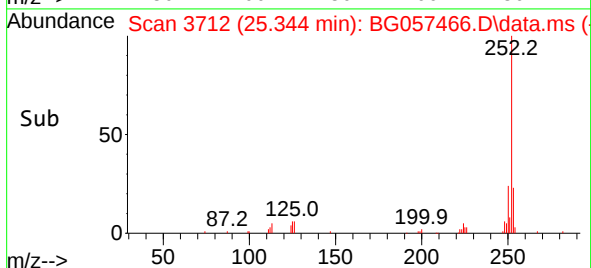
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023

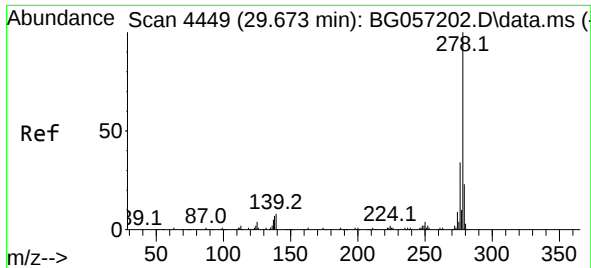


#90
Benzo(a)pyrene
Concen: 6.866 ng
RT: 25.344 min Scan# 3712
Delta R.T. -0.013 min
Lab File: BG057466.D
Acq: 19 May 2023 13:52



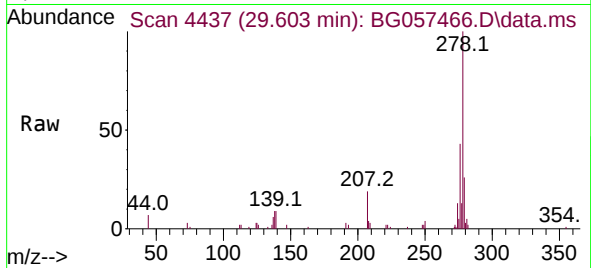
Tgt Ion:252 Resp: 62827
Ion Ratio Lower Upper
252 100
253 22.8 16.3 24.5
125 6.0 5.0 7.4





#91
Dibenzo(a,h)anthracene
Concen: 7.632 ng
RT: 29.603 min Scan# 4449
Delta R.T. -0.007 min
Lab File: BG057466.D
Acq: 19 May 2023 13:52

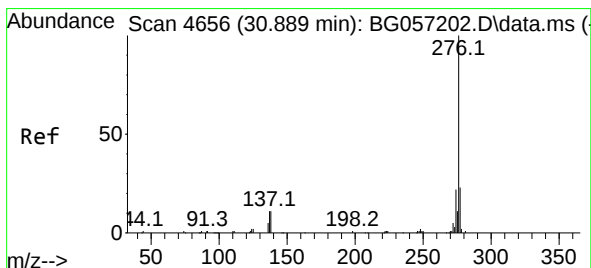
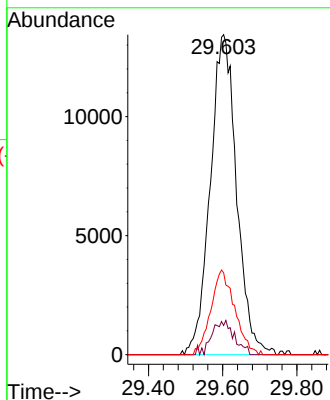
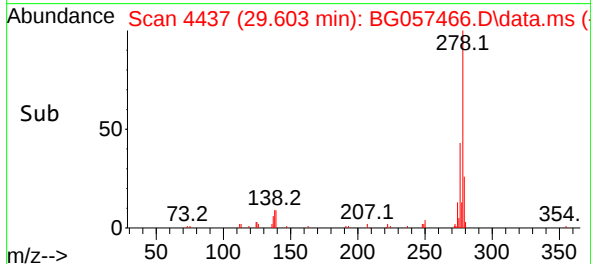
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion: 278 Resp: 6637
Ion Ratio Lower Upper
278 100
139 9.2 6.2 9.2
279 25.6 18.6 27.8

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 7.629 ng
RT: 30.819 min Scan# 4644
Delta R.T. -0.018 min
Lab File: BG057466.D
Acq: 19 May 2023 13:52

Tgt Ion: 276 Resp: 64775
Ion Ratio Lower Upper
276 100
277 22.1 18.4 27.6
138 13.0 9.0 13.4

