

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040323\
 Data File : BG056954.D
 Acq On : 3 Apr 2023 12:27
 Operator : CG/JU
 Sample : 01627-09
 Misc : MDL-MDL-WATER 4ppm
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT1-2023

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/04/2023
 Supervised By : Jagrut Upadhyay 04/05/2023

Quant Time: Apr 04 04:54:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 03:23:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.413	152	15731	20.000	ng	0.00
21) Naphthalene-d8	11.257	136	66159	20.000	ng	# 0.00
39) Acenaphthene-d10	15.028	164	52548	20.000	ng	0.00
64) Phenanthrene-d10	17.771	188	132226	20.000	ng	0.00
76) Chrysene-d12	22.095	240	124784	20.000	ng	0.00
86) Perylene-d12	25.637	264	133226	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.917	112	104811	106.633	ng	0.00
7) Phenol-d6	7.538	99	152968	104.055	ng	0.00
23) Nitrobenzene-d5	9.588	82	120054	74.250	ng	0.00
42) 2,4,6-Tribromophenol	16.508	330	92385	110.051	ng	0.00
45) 2-Fluorobiphenyl	13.659	172	294108	75.895	ng	0.00
79) Terphenyl-d14	20.338	244	583931	79.185	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.726	88	1627	3.776	ng	96
3) Pyridine	4.160	79	4626	3.333	ng	94
4) n-Nitrosodimethylamine	4.055	42	2565	4.020	ng	# 86
6) Aniline	7.726	93	6801	3.619	ng	96
8) 2-Chlorophenol	7.973	128	3607	3.684	ng	# 73
9) Benzaldehyde	7.538	77	4991	5.413	ng	94
10) Phenol	7.562	94	5697	3.911	ng	89
11) bis(2-Chloroethyl)ether	7.808	93	4122	3.973	ng	91
12) 1,3-Dichlorobenzene	8.302	146	4590	4.243	ng	94
13) 1,4-Dichlorobenzene	8.449	146	4351	3.985	ng	92
14) 1,2-Dichlorobenzene	8.778	146	4192m	3.974	ng	
15) Benzyl Alcohol	8.643	79	4483	3.670	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.936	45	5277	4.220	ng	90
17) 2-Methylphenol	8.836	107	3760	3.618	ng	# 85
18) Hexachloroethane	9.518	117	1666	4.175	ng	88
19) n-Nitroso-di-n-propyla...	9.212	70	3756	3.572	ng	# 93
20) 3+4-Methylphenols	9.165	107	4823	3.319	ng	97
22) Acetophenone	9.242	105	7460	3.789	ng	# 92
24) Nitrobenzene	9.635	77	6394	3.868	ng	# 84
25) Isophorone	10.152	82	10097	3.279	ng	98
26) 2-Nitrophenol	10.352	139	2326	3.645	ng	# 91
27) 2,4-Dimethylphenol	10.387	122	4064	3.607	ng	96
28) bis(2-Chloroethoxy)met...	10.628	93	5201	3.374	ng	# 95
29) 2,4-Dichlorophenol	10.881	162	4276	3.529	ng	# 80
30) 1,2,4-Trichlorobenzene	11.110	180	4829	3.751	ng	88
31) Naphthalene	11.310	128	13311	3.691	ng	97
33) 4-Chloroaniline	11.398	127	5665	3.478	ng	94
34) Hexachlorobutadiene	11.580	225	3752	3.880	ng	# 87
35) Caprolactam	12.132	113	1431	3.425	ng	# 76
36) 4-Chloro-3-methylphenol	12.484	107	4361	3.219	ng	# 87
37) 2-Methylnaphthalene	12.884	142	9854	3.443	ng	96
38) 1-Methylnaphthalene	13.101	142	9164	3.410	ng	# 92
40) 1,2,4,5-Tetrachloroben...	13.242	216	6965	3.822	ng	98
41) Hexachlorocyclopentadiene	13.219	237	3779	3.764	ng	79
43) 2,4,6-Trichlorophenol	13.465	196	3848	3.309	ng	90
44) 2,4,5-Trichlorophenol	13.542	196	4327	3.141	ng	# 81

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040323\
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 Sample : 01627-09
 Misc : MDL-MDL-WATER 4ppm
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 MDL-WATER-03-QT1-2023

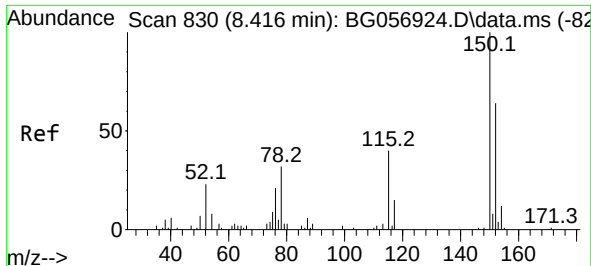
Quant Time: Apr 04 04:54:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 03:23:11 2023
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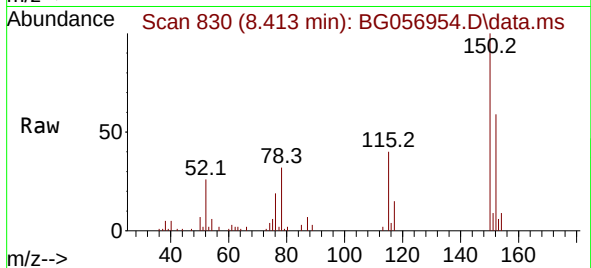
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.865	154	15121	3.931	ng	97
47) 2-Chloronaphthalene	13.918	162	11236	3.949	ng	# 91
48) 2-Nitroaniline	14.106	65	2999	2.948	ng	# 74
49) Acenaphthylene	14.758	152	16834	3.601	ng	96
50) Dimethylphthalate	14.458	163	14591	3.524	ng	# 95
51) 2,6-Dinitrotoluene	14.587	165	2904	3.246	ng	94
52) Acenaphthene	15.093	154	11246	3.488	ng	94
53) 3-Nitroaniline	14.922	138	2929	3.308	ng	93
55) Dibenzofuran	15.422	168	18058	3.732	ng	98
56) 4-Nitrophenol	15.198	139	1827	2.790	ng	88
57) 2,4-Dinitrotoluene	15.369	165	4510	3.575	ng	# 89
58) Fluorene	16.068	166	14982	3.742	ng	92
59) 2,3,4,6-Tetrachlorophenol	15.639	232	4287	3.418	ng	# 97
60) Diethylphthalate	15.809	149	15069	3.630	ng	# 97
61) 4-Chlorophenyl-phenyle...	16.050	204	8758	3.726	ng	92
62) 4-Nitroaniline	16.074	138	3263	3.557	ng	# 73
63) Azobenzene	16.344	77	15520	3.752	ng	95
65) 4,6-Dinitro-2-methylph...	16.132	198	2198	2.745	ng	74
66) n-Nitrosodiphenylamine	16.262	169	12686	3.574	ng	88
67) 4-Bromophenyl-phenylether	16.943	248	6175	3.774	ng	88
68) Hexachlorobenzene	17.072	284	6315	3.904	ng	96
69) Atrazine	17.190	200	5560	3.774	ng	79
70) Pentachlorophenol	17.413	266	2544	2.192	ng	# 71
71) Phenanthrene	17.813	178	25704	3.813	ng	95
72) Anthracene	17.901	178	25098	3.632	ng	97
73) Carbazole	18.165	167	22709	3.769	ng	# 93
74) Di-n-butylphthalate	18.688	149	24834	3.559	ng	96
75) Fluoranthene	19.798	202	32013	3.746	ng	96
77) Benzidine	19.963	184	15722m	4.610	ng	
78) Pyrene	20.156	202	31348	3.632	ng	99
80) Butylbenzylphthalate	21.020	149	10536	3.548	ng	91
81) Benzo(a)anthracene	22.066	228	32702	3.787	ng	98
82) 3,3'-Dichlorobenzidine	21.966	252	12660	4.342	ng	# 91
83) Chrysene	22.142	228	29946	3.704	ng	95
84) Bis(2-ethylhexyl)phtha...	21.930	149	15258	3.548	ng	97
85) Di-n-octyl phthalate	23.246	149	25050	3.456	ng	97
87) Indeno(1,2,3-cd)pyrene	29.726	276	36139m	3.670	ng	
88) Benzo(b)fluoranthene	24.498	252	32909	3.950	ng	96
89) Benzo(k)fluoranthene	24.580	252	32840	3.948	ng	96
90) Benzo(a)pyrene	25.467	252	28480	3.479	ng	97
91) Dibenzo(a,h)anthracene	29.802	278	32093	3.965	ng	94
92) Benzo(g,h,i)perylene	30.995	276	30490	3.847	ng	95

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.413 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

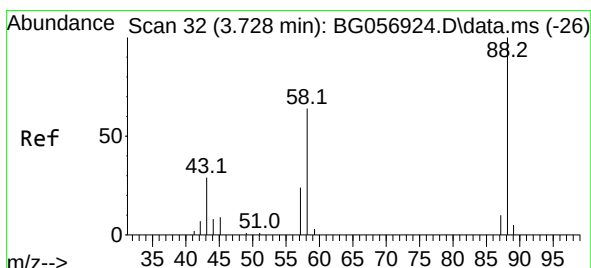
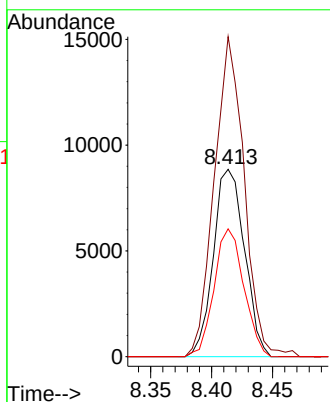
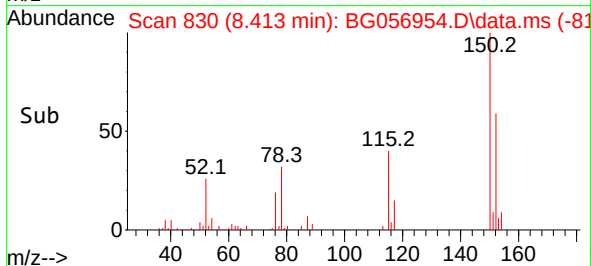
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion:152 Resp: 1573
Ion Ratio Lower Upper
152 100
150 170.8 124.1 186.1
115 68.3 49.1 73.7

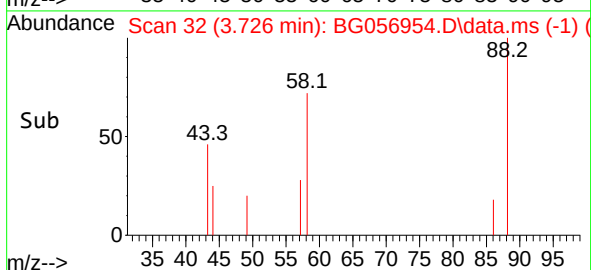
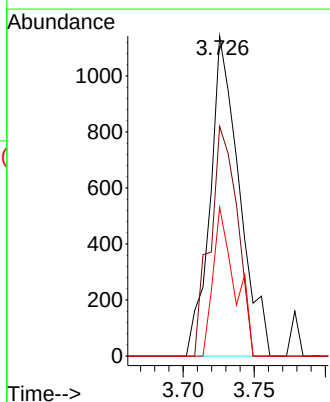
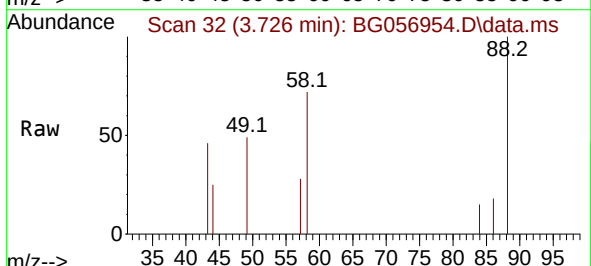
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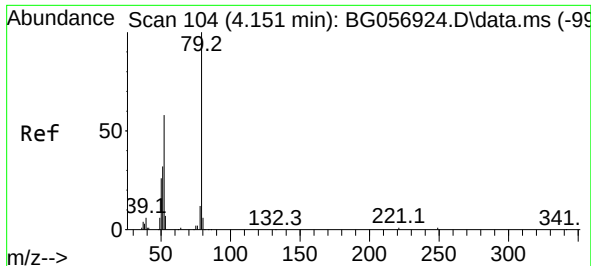
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#2
1,4-Dioxane
Concen: 3.776 ng
RT: 3.726 min Scan# 32
Delta R.T. -0.002 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

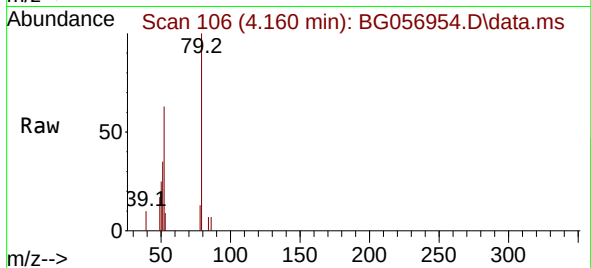
Tgt Ion: 88 Resp: 1627
Ion Ratio Lower Upper
88 100
58 66.7 55.9 83.9
43 34.8 25.7 38.5





#3
Pyridine
Concen: 3.333 ng
RT: 4.160 min Scan# 106
Delta R.T. 0.009 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

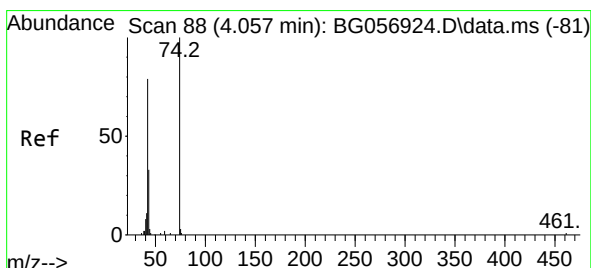
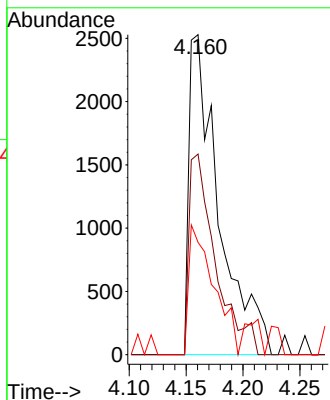
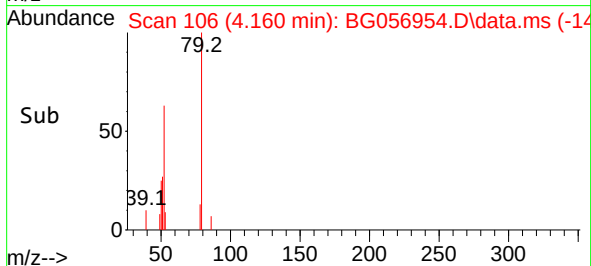
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion: 79 Resp: 4620
Ion Ratio Lower Upper
79 100
52 62.7 46.1 69.1
51 35.1 26.1 39.1

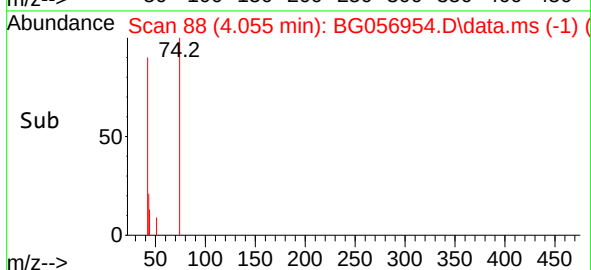
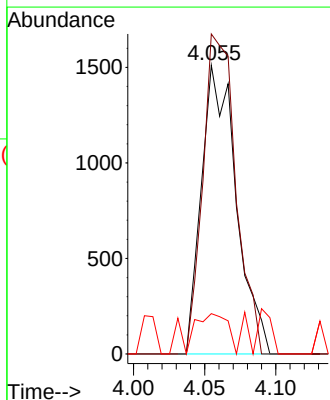
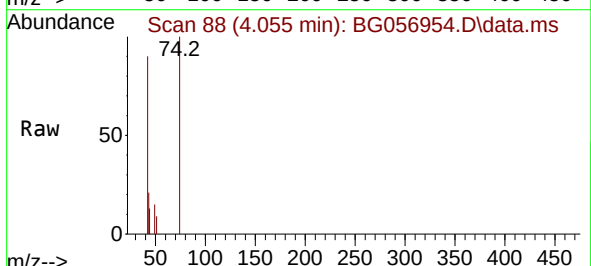
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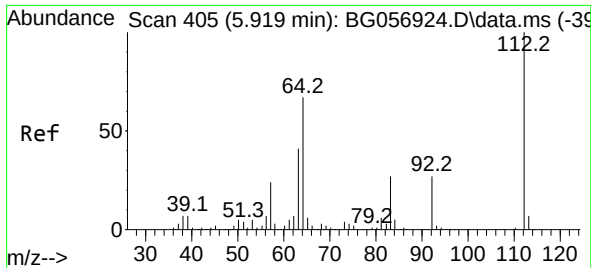
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#4
n-Nitrosodimethylamine
Concen: 4.020 ng
RT: 4.055 min Scan# 88
Delta R.T. -0.002 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

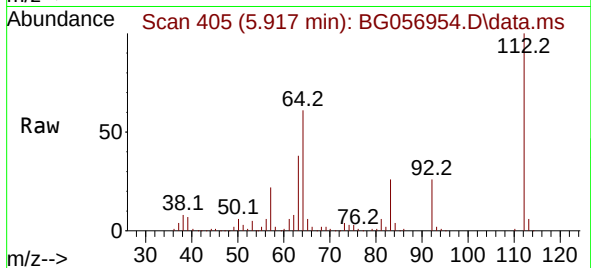
Tgt Ion: 42 Resp: 2565
Ion Ratio Lower Upper
42 100
74 110.9 100.6 151.0
44 14.0 4.6 7.0#





#5
2-Fluorophenol
Concen: 106.633 ng
RT: 5.917 min Scan# 405
Delta R.T. -0.002 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

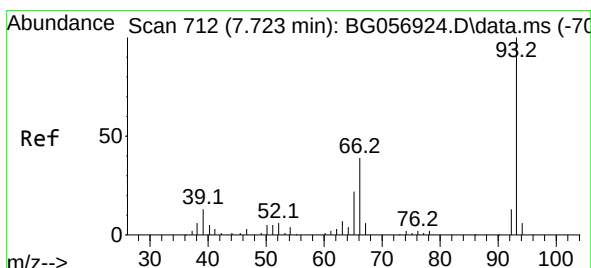
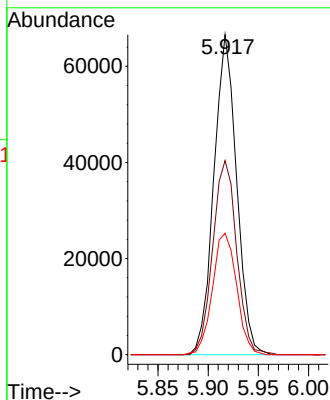
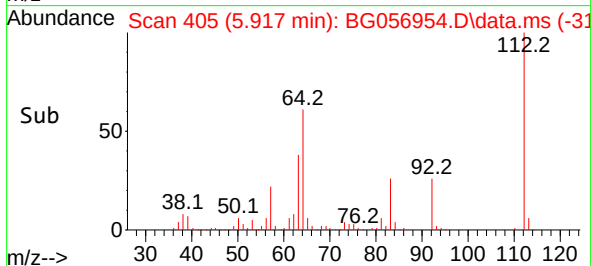
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion:112 Resp: 10481
Ion Ratio Lower Upper
112 100
64 60.7 53.2 79.8
63 37.9 32.6 48.8

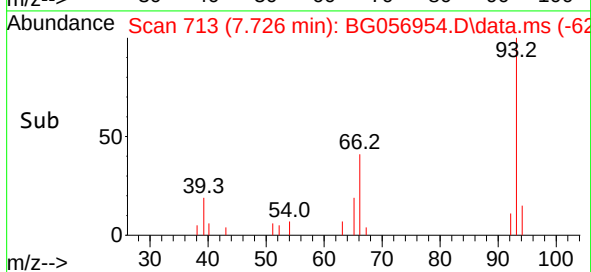
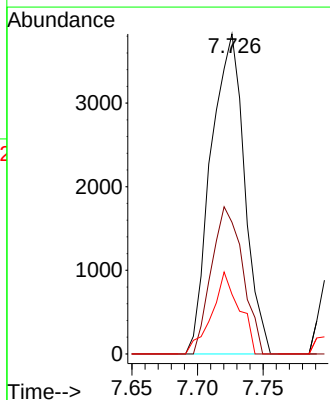
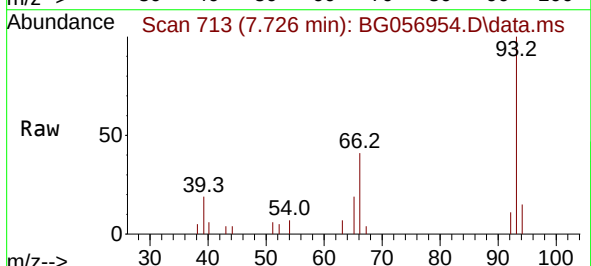
Manual Integrations
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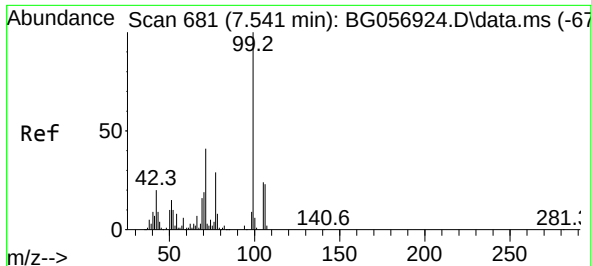
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#6
Aniline
Concen: 3.619 ng
RT: 7.726 min Scan# 713
Delta R.T. 0.003 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

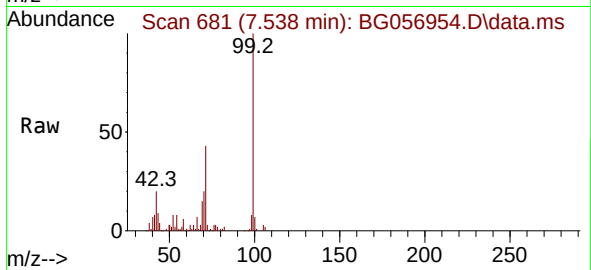
Tgt Ion: 93 Resp: 6801
Ion Ratio Lower Upper
93 100
66 41.1 31.4 47.0
65 18.6 17.3 25.9





#7
Phenol-d6
Concen: 104.055 ng
RT: 7.538 min Scan# 681
Delta R.T. -0.002 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

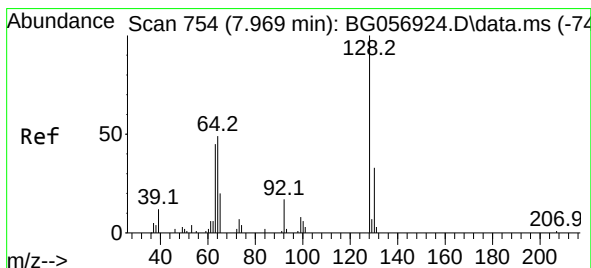
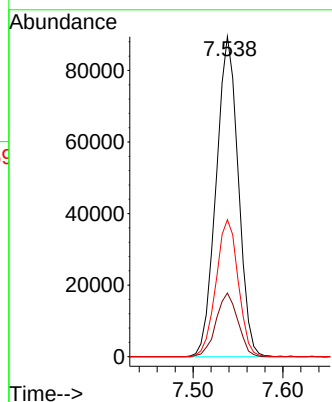
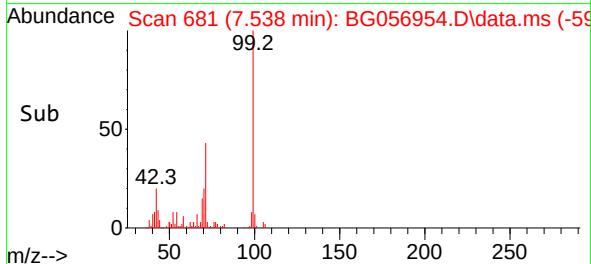
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion: 99 Resp: 152968
Ion Ratio Lower Upper
99 100
42 19.9 15.7 23.5
71 42.8 32.5 48.7

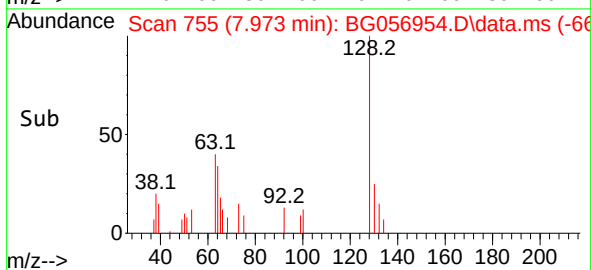
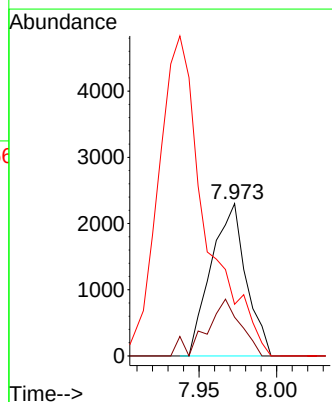
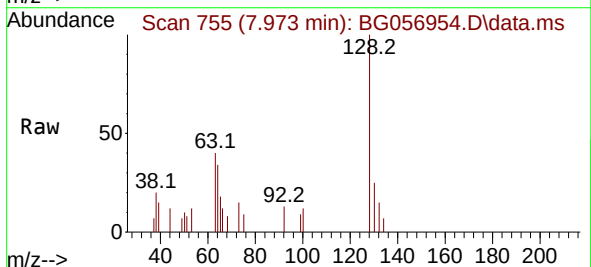
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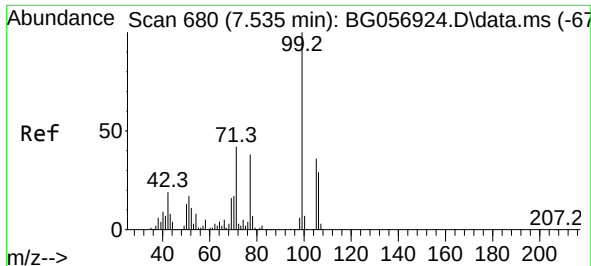
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#8
2-Chlorophenol
Concen: 3.684 ng
RT: 7.973 min Scan# 755
Delta R.T. 0.003 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

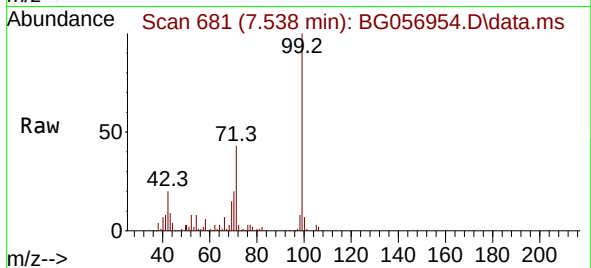
Tgt Ion:128 Resp: 3607
Ion Ratio Lower Upper
128 100
130 25.5 12.6 52.6
64 34.0 40.6 80.6#





#9
Benzaldehyde
Concen: 5.413 ng
RT: 7.538 min Scan# 681
Delta R.T. 0.003 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

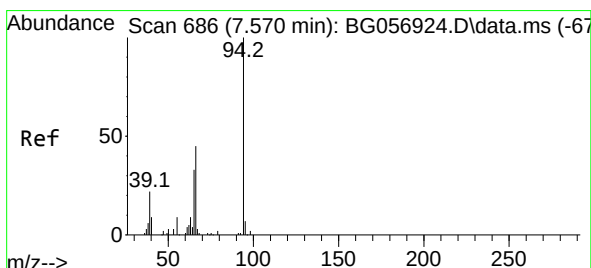
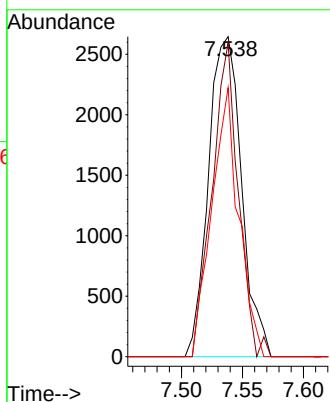
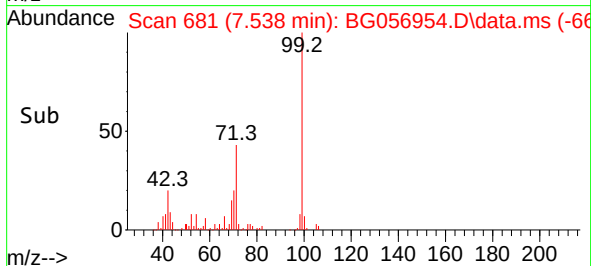
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion: 77 Resp: 499
Ion Ratio Lower Upper
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105 98.0 73.6 113.6
106 84.1 56.7 96.7

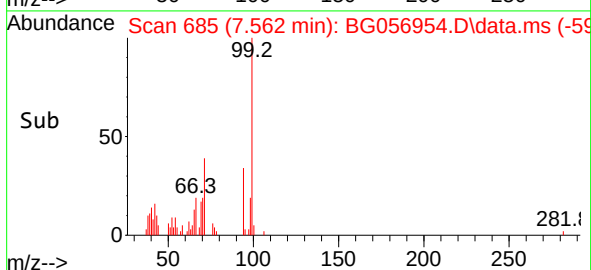
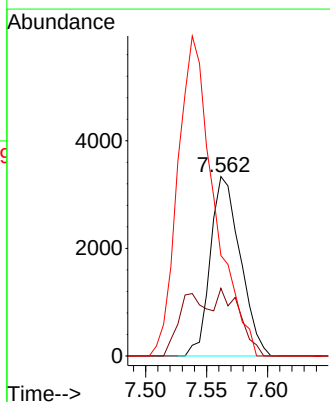
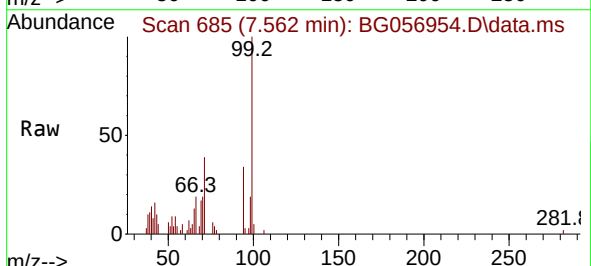
Manual Integrations
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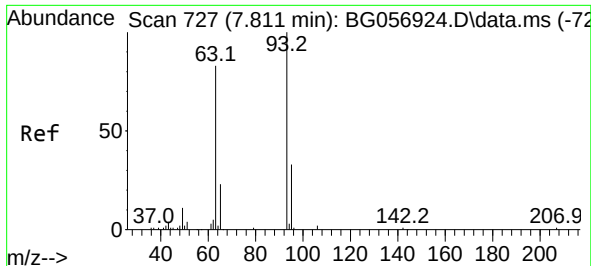
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#10
Phenol
Concen: 3.911 ng
RT: 7.562 min Scan# 685
Delta R.T. -0.008 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

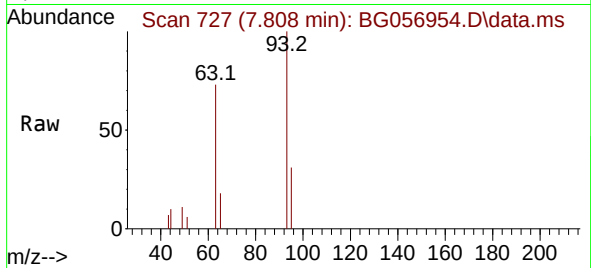
Tgt Ion: 94 Resp: 5697
Ion Ratio Lower Upper
94 100
65 37.7 13.3 53.3
66 56.0 26.7 66.7





#11
bis(2-Chloroethyl)ether
Concen: 3.973 ng
RT: 7.808 min Scan# 727
Delta R.T. -0.002 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

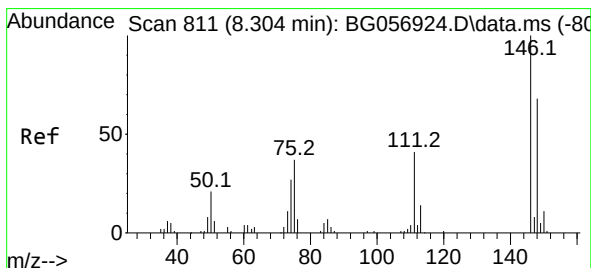
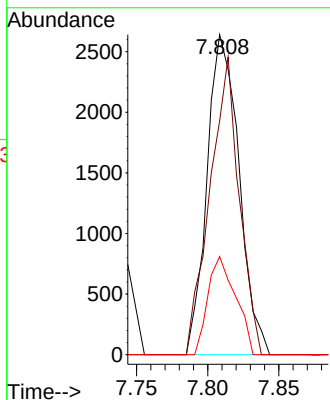
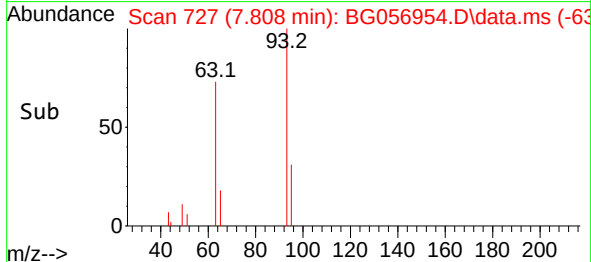
Instrument : BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion: 93 Resp: 412
Ion Ratio Lower Upper
93 100
63 73.0 62.7 102.7
95 30.6 12.3 52.3

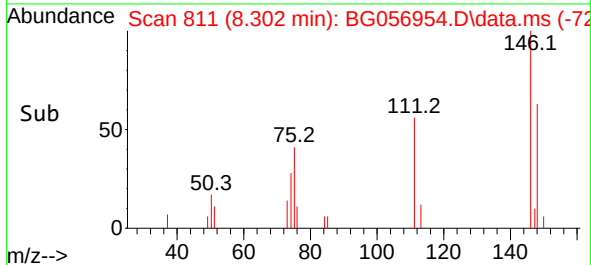
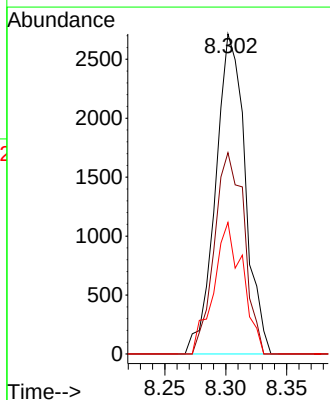
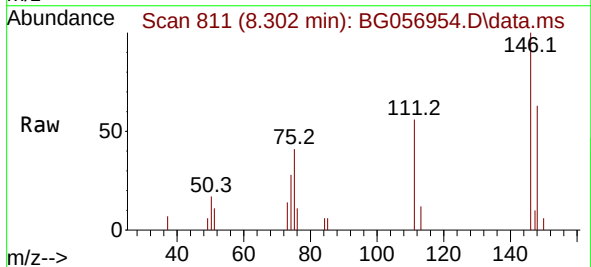
Manual Integrations
APPROVED

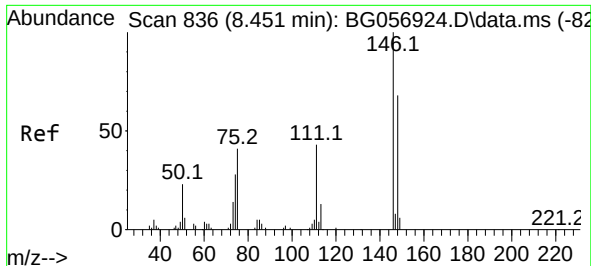
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#12
1,3-Dichlorobenzene
Concen: 4.243 ng
RT: 8.302 min Scan# 811
Delta R.T. -0.002 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

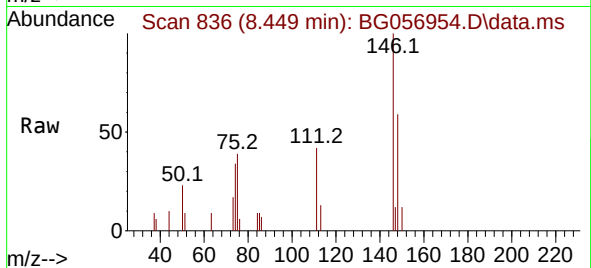
Tgt Ion:146 Resp: 4590
Ion Ratio Lower Upper
146 100
148 62.9 54.2 81.4
75 41.1 29.8 44.8





#13
1,4-Dichlorobenzene
Concen: 3.985 ng
RT: 8.449 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

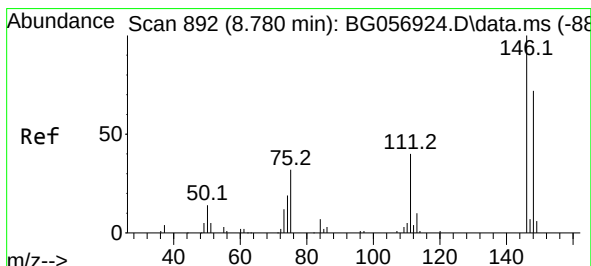
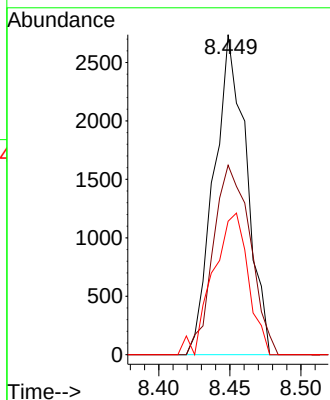
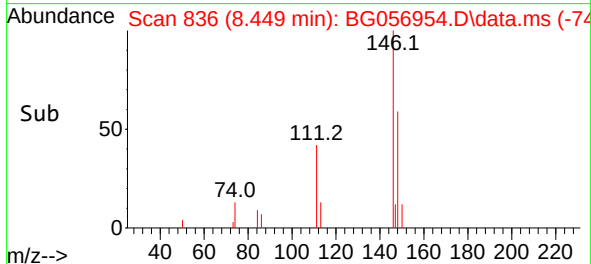
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2023



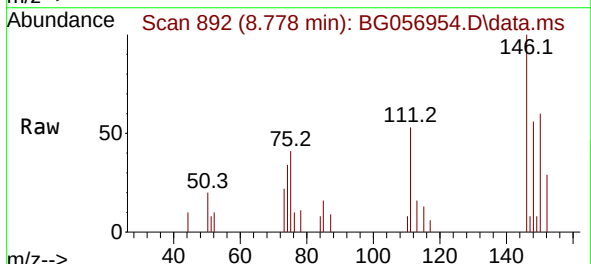
Tgt Ion:146 Resp: 435
Ion Ratio Lower Upper
146 100
148 59.2 54.8 82.2
111 41.7 34.6 52.0

Manual Integrations
APPROVED

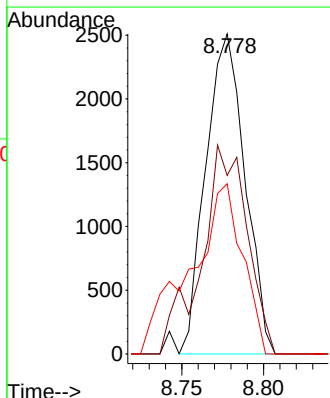
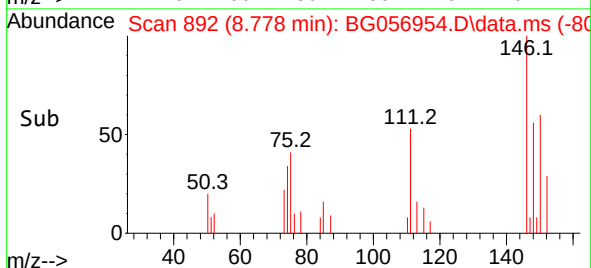
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/05/2023

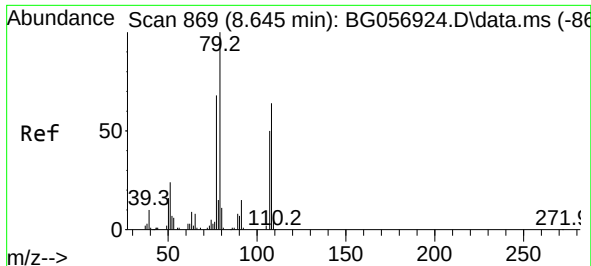


#14
1,2-Dichlorobenzene
Concen: 3.974 ng m
RT: 8.778 min Scan# 892
Delta R.T. -0.002 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27



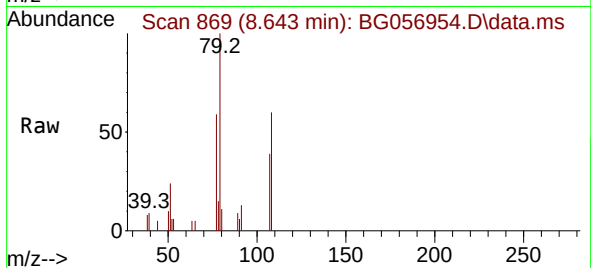
Tgt Ion:146 Resp: 4192
Ion Ratio Lower Upper
146 100
148 55.8 57.4 86.0#
111 53.2 33.2 49.8#





#15
Benzyl Alcohol
Concen: 3.670 ng
RT: 8.643 min Scan# 869
Delta R.T. -0.002 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

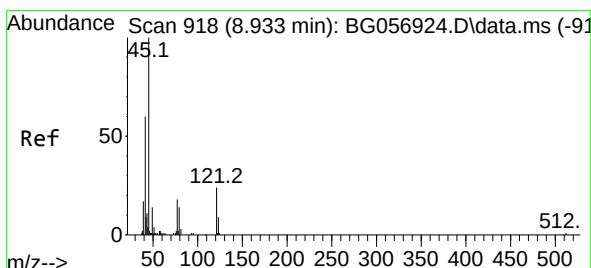
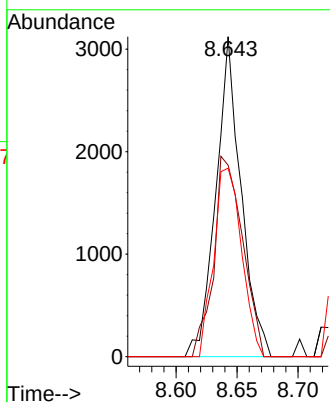
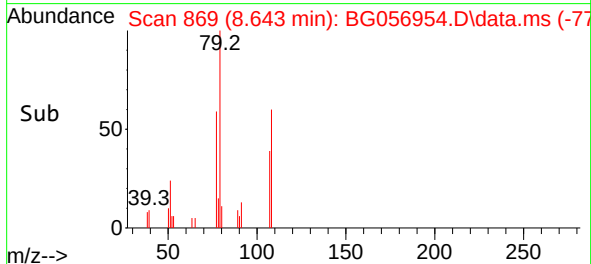
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT1-2023



Tgt Ion: 79 Resp: 448
Ion Ratio Lower Upper
79 100
108 59.9 51.2 76.8
77 58.9 54.4 81.6

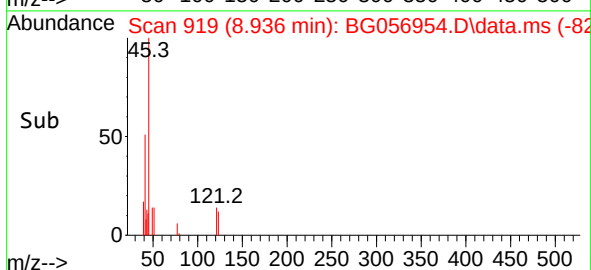
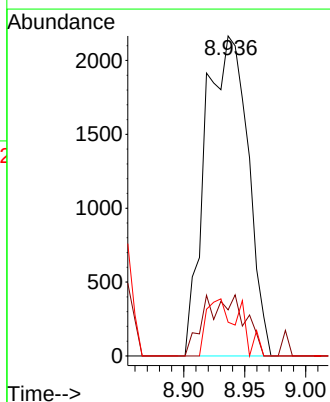
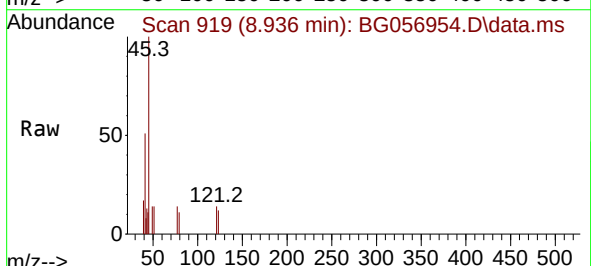
Manual Integrations
APPROVED

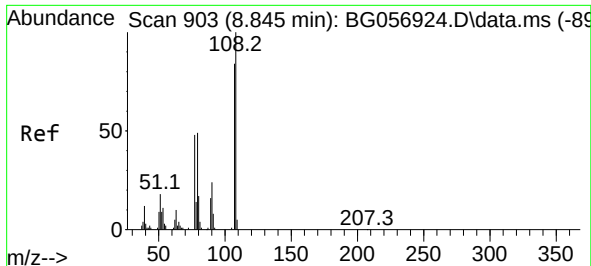
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.220 ng
RT: 8.936 min Scan# 919
Delta R.T. 0.003 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

Tgt Ion: 45 Resp: 5277
Ion Ratio Lower Upper
45 100
77 14.4 0.0 38.7
79 10.5 0.0 35.1





#17

2-Methylphenol

Concen: 3.618 ng

RT: 8.836 min Scan# 903

Delta R.T. -0.008 min

Lab File: BG056954.D

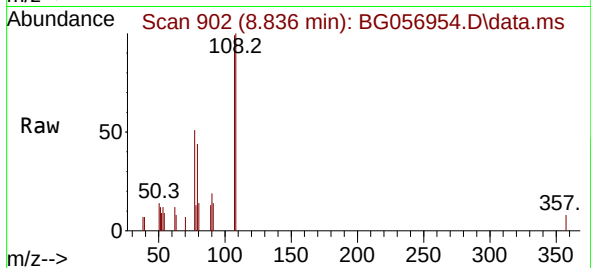
Acq: 3 Apr 2023 12:27

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT1-2023



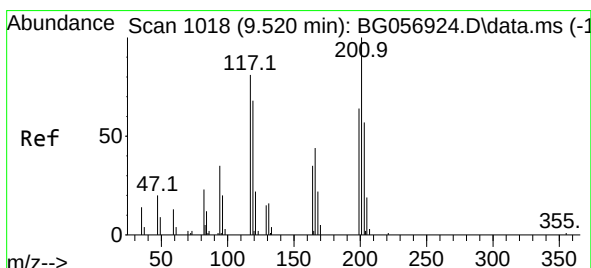
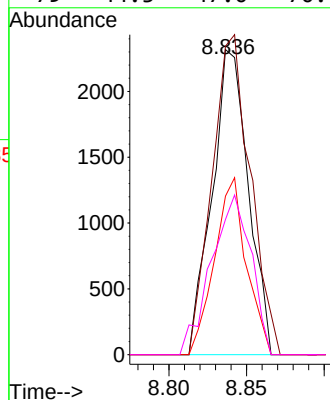
Tgt Ion:	107	Resp:	3760
Ion Ratio	Lower	Upper	
107	100		
108	101.1	96.0	144.0
77	52.0	45.6	68.4
79	44.3	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/04/2023

Supervised By :Jagrut Upadhyay 04/05/2023



#18

Hexachloroethane

Concen: 4.175 ng

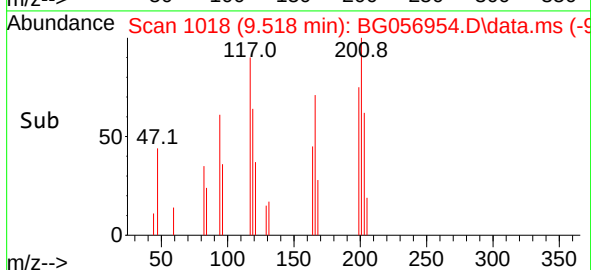
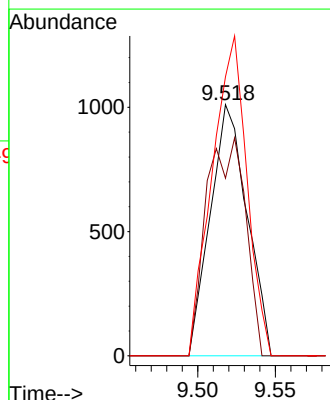
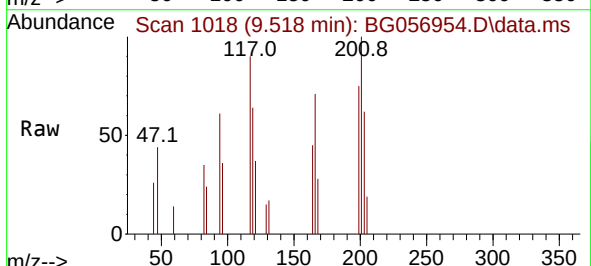
RT: 9.518 min Scan# 1018

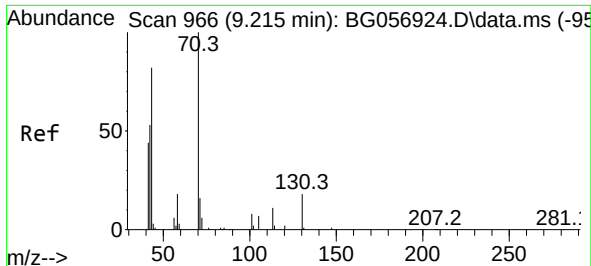
Delta R.T. -0.002 min

Lab File: BG056954.D

Acq: 3 Apr 2023 12:27

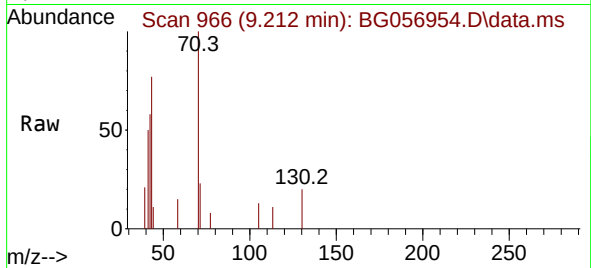
Tgt Ion:	117	Resp:	1666
Ion Ratio	Lower	Upper	
117	100		
119	70.7	67.0	100.6
201	111.1	98.7	148.1





#19
n-Nitroso-di-n-propylamine
Concen: 3.572 ng
RT: 9.212 min Scan# 90
Delta R.T. -0.002 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

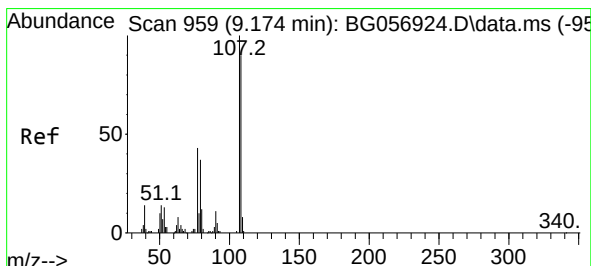
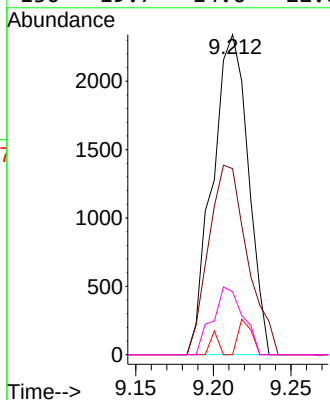
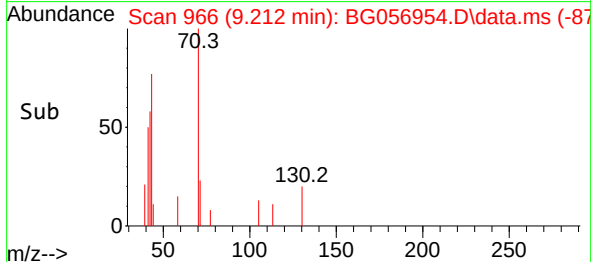
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion: 70 Resp: 3750
Ion Ratio Lower Upper
70 100
42 58.2 43.4 65.0
101 0.0 6.2 9.2
130 19.7 14.6 22.0

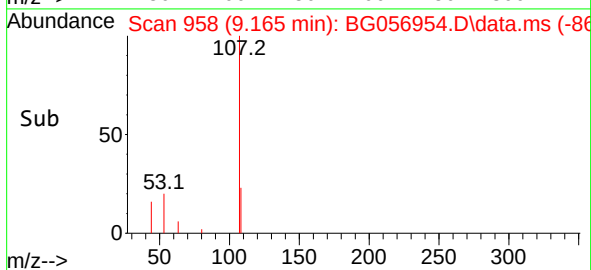
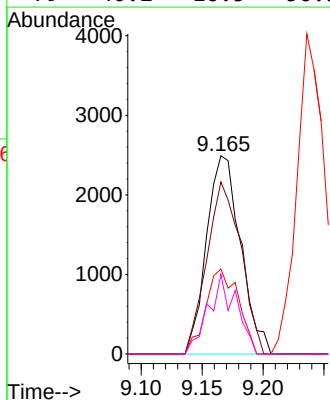
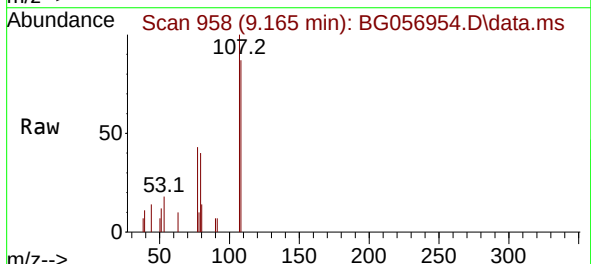
Manual Integrations
APPROVED

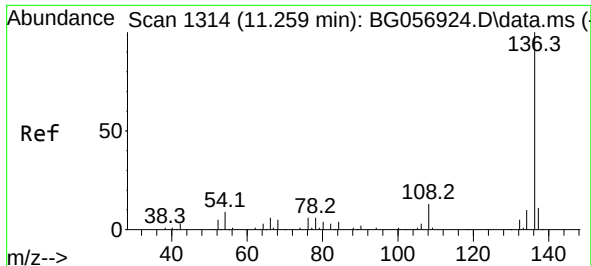
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#20
3+4-Methylphenols
Concen: 3.319 ng
RT: 9.165 min Scan# 958
Delta R.T. -0.008 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

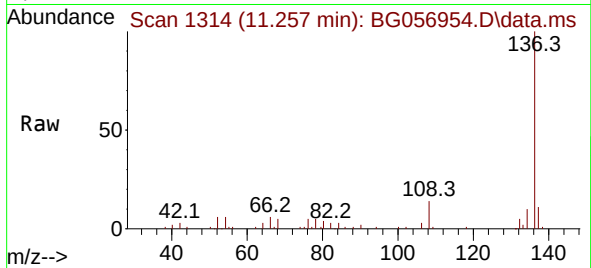
Tgt Ion:107 Resp: 4823
Ion Ratio Lower Upper
107 100
108 86.8 69.9 109.9
77 42.8 22.7 62.7
79 40.2 16.5 56.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.257 min Scan# 1314
Delta R.T. -0.002 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

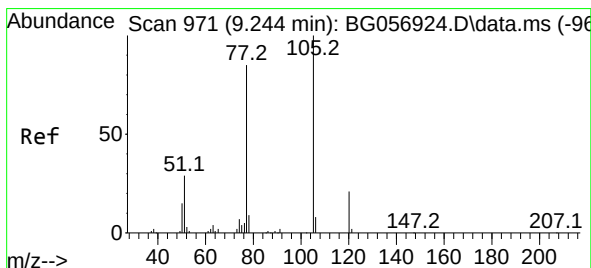
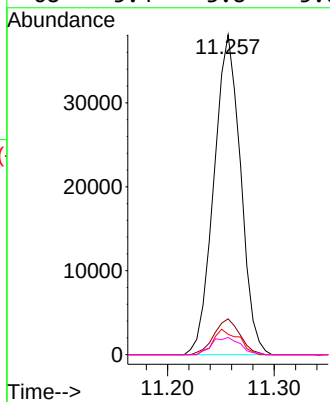
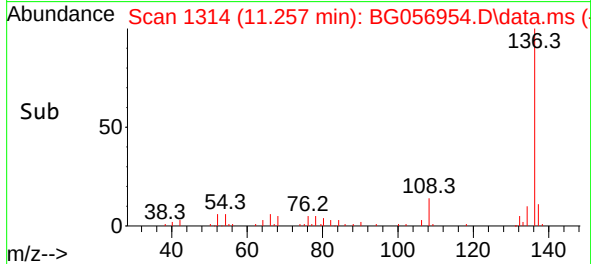
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion:136 Resp: 6615
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 6.3 6.9 10.3
68 5.4 3.8 5.6

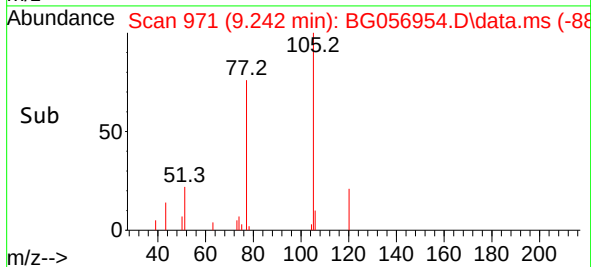
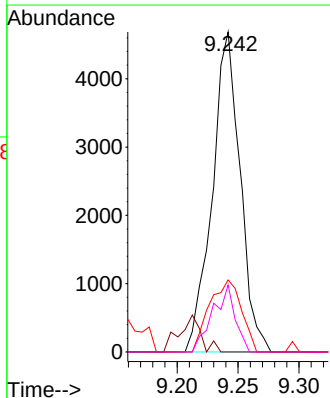
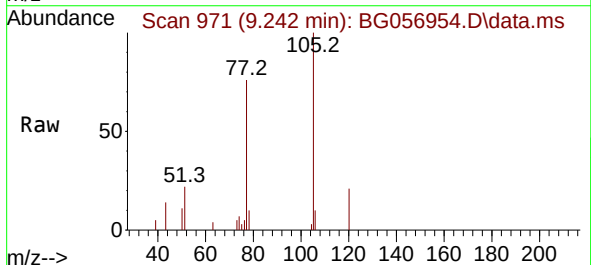
Manual Integrations
APPROVED

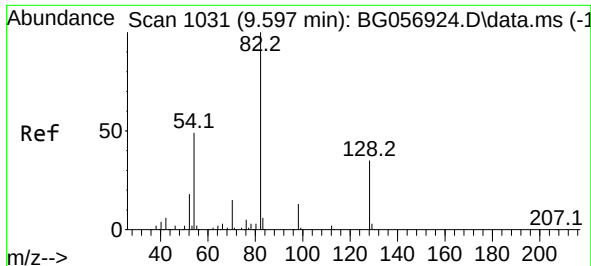
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#22
Acetophenone
Concen: 3.789 ng
RT: 9.242 min Scan# 971
Delta R.T. -0.002 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

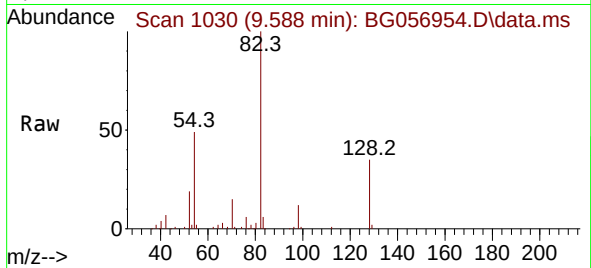
Tgt Ion:105 Resp: 7460
Ion Ratio Lower Upper
105 100
71 0.0 0.7 1.1#
51 22.5 23.8 35.8#
120 20.9 17.0 25.4





#23
Nitrobenzene-d5
Concen: 74.250 ng
RT: 9.588 min Scan# 1030
Delta R.T. -0.008 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

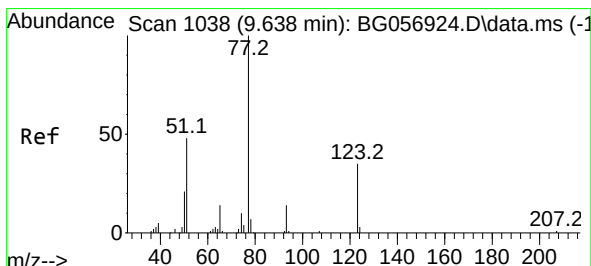
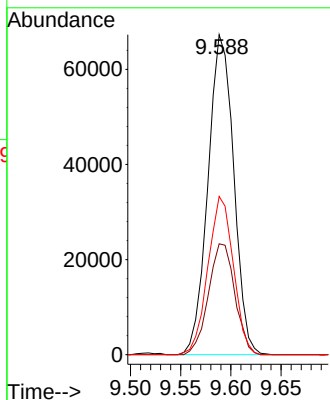
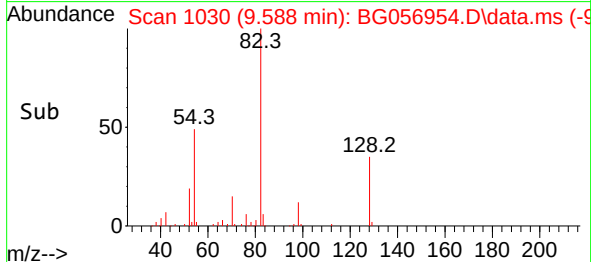
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion: 82 Resp: 120054
Ion Ratio Lower Upper
82 100
128 34.6 27.9 41.9
54 49.5 39.4 59.2

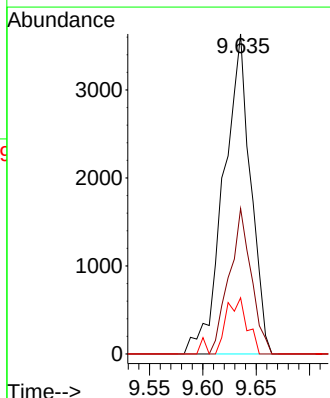
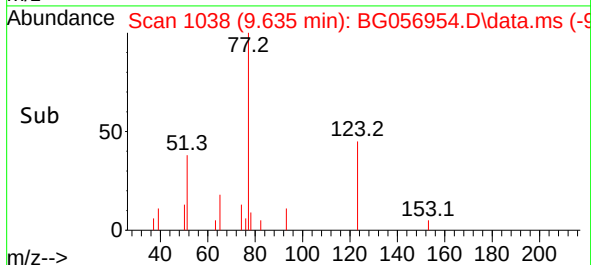
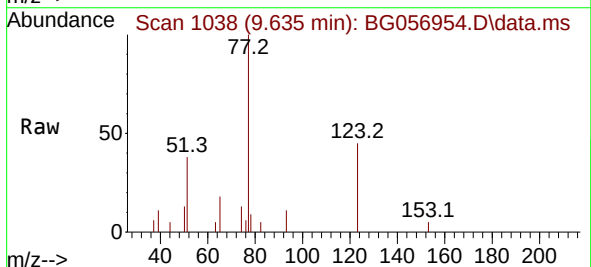
Manual Integrations
APPROVED

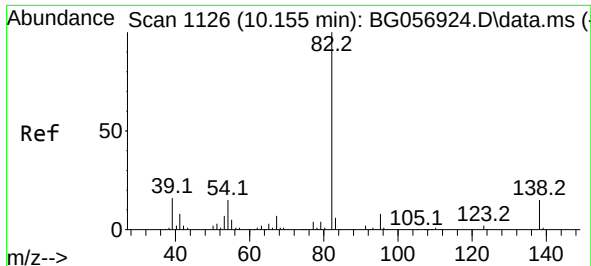
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#24
Nitrobenzene
Concen: 3.868 ng
RT: 9.635 min Scan# 1038
Delta R.T. -0.002 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

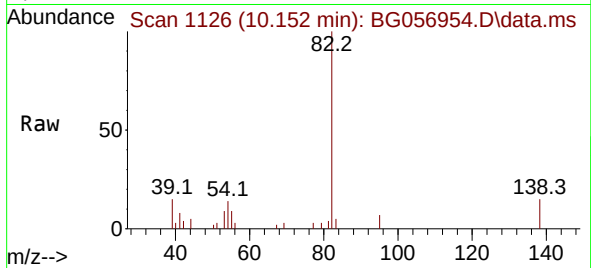
Tgt Ion: 77 Resp: 6394
Ion Ratio Lower Upper
77 100
123 45.5 27.6 41.4#
65 17.6 11.5 17.3#





#25
Isophorone
Concen: 3.279 ng
RT: 10.152 min Scan# 1126
Delta R.T. -0.002 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

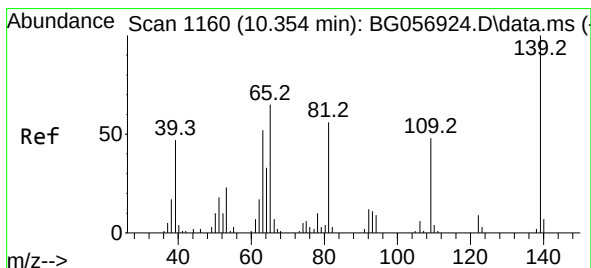
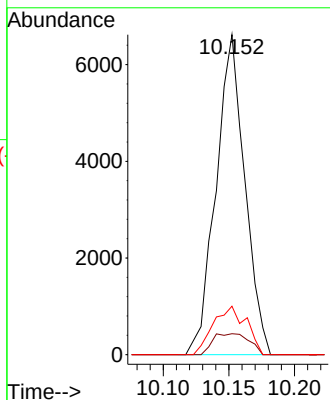
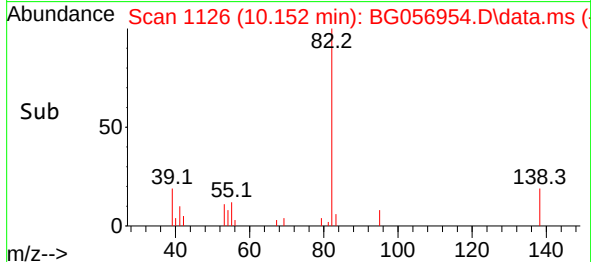
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion: 82 Resp: 1009
Ion Ratio Lower Upper
82 100
95 6.5 6.3 9.5
138 15.2 11.8 17.8

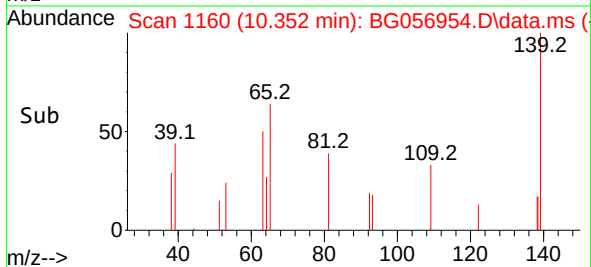
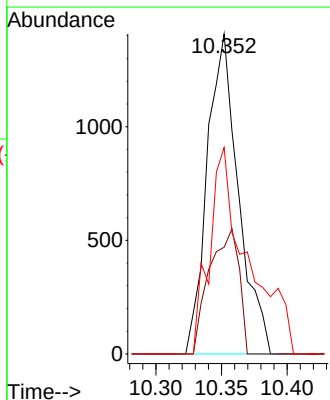
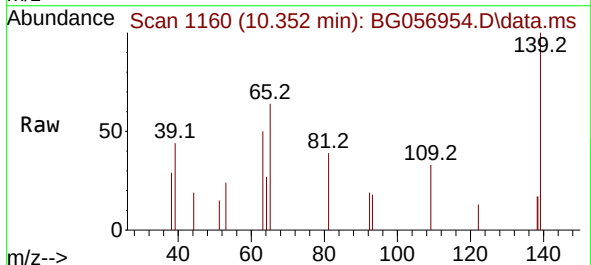
Manual Integrations
APPROVED

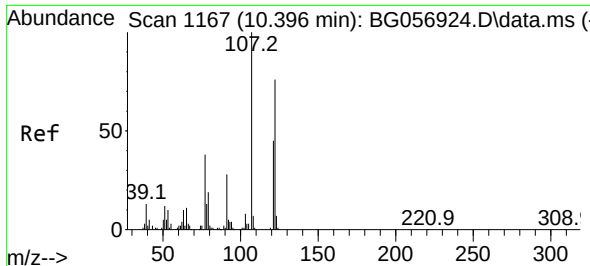
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#26
2-Nitrophenol
Concen: 3.645 ng
RT: 10.352 min Scan# 1160
Delta R.T. -0.002 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

Tgt Ion:139 Resp: 2326
Ion Ratio Lower Upper
139 100
109 33.4 38.2 57.4#
65 64.5 51.8 77.8





#27

2,4-Dimethylphenol

Concen: 3.607 ng

RT: 10.387 min Scan# 1166

Delta R.T. -0.008 min

Lab File: BG056954.D

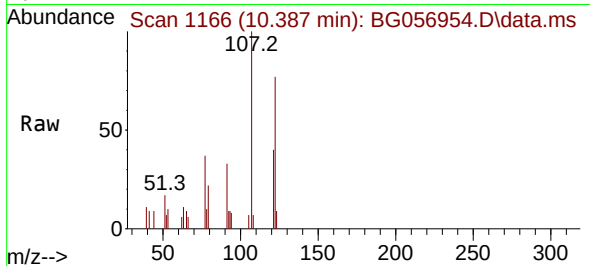
Acq: 3 Apr 2023 12:27

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT1-2023

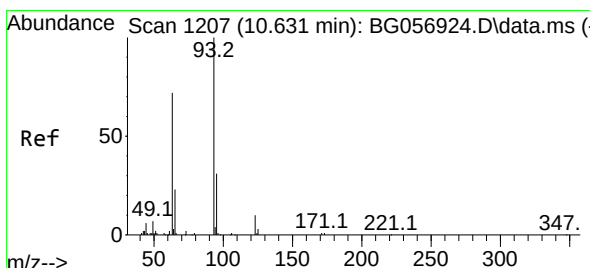
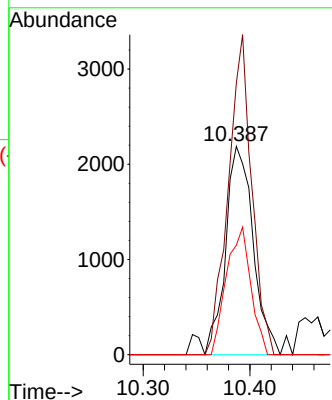
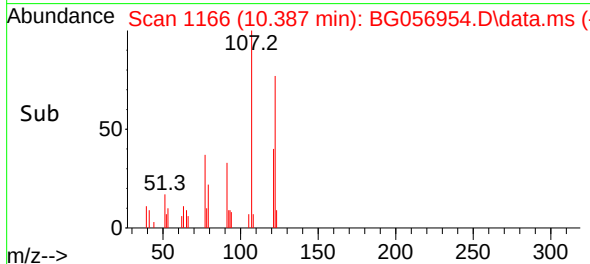


Tgt Ion:	122	Resp:	4064
Ion	Ratio	Lower	Upper
122	100		
107	130.5	105.7	158.5
121	52.5	48.0	72.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#28

bis(2-Chloroethoxy)methane

Concen: 3.374 ng

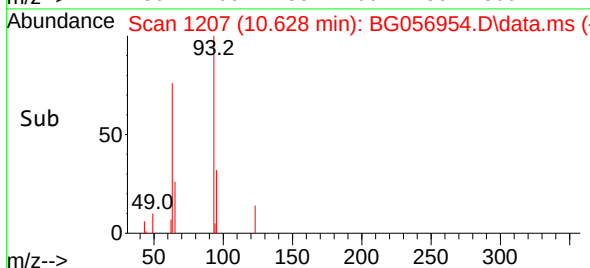
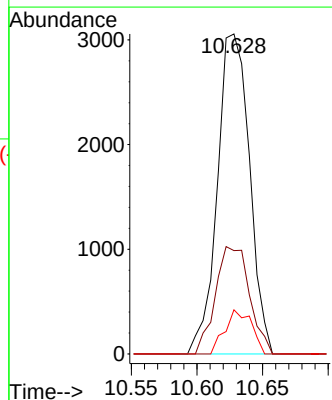
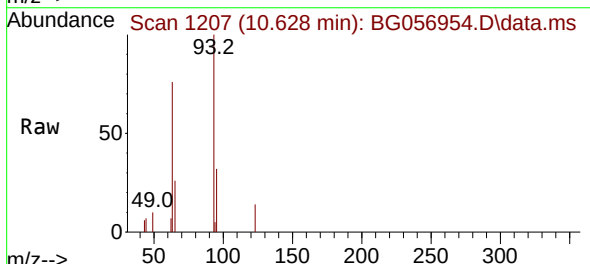
RT: 10.628 min Scan# 1207

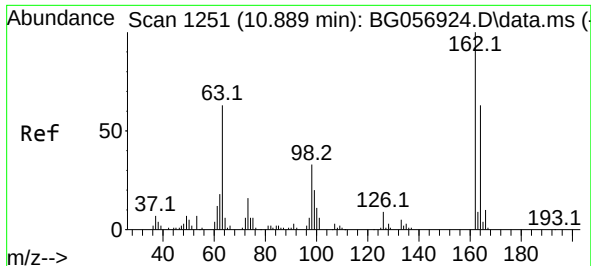
Delta R.T. -0.002 min

Lab File: BG056954.D

Acq: 3 Apr 2023 12:27

Tgt Ion:	93	Resp:	5201
Ion	Ratio	Lower	Upper
93	100		
95	32.3	24.6	37.0
123	13.8	7.8	11.6





#29

2,4-Dichlorophenol

Concen: 3.529 ng

RT: 10.881 min Scan# 1250

Delta R.T. -0.008 min

Lab File: BG056954.D

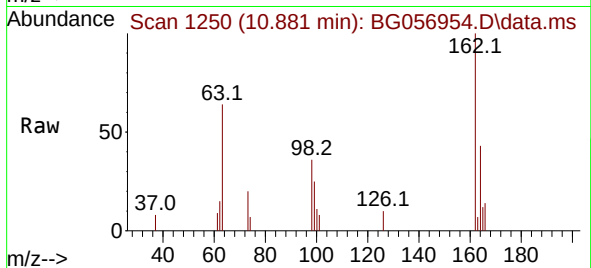
Acq: 3 Apr 2023 12:27

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT1-2023



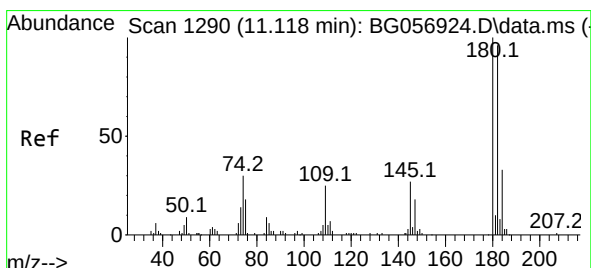
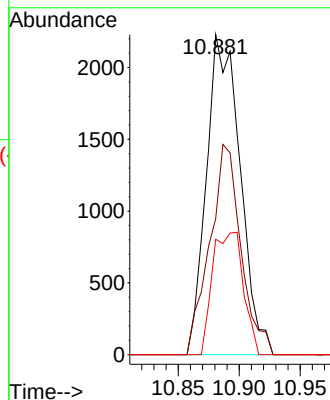
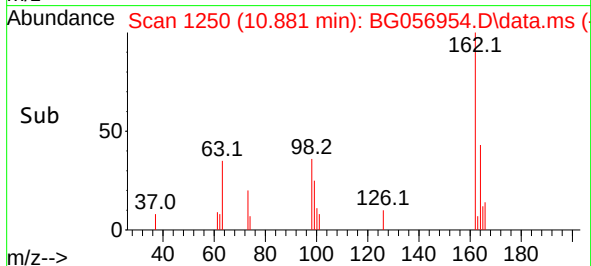
Tgt Ion:	162	Resp:	4270
Ion Ratio	Lower	Upper	
162	100		
164	42.5	43.4	83.4
98	36.1	12.5	52.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/04/2023

Supervised By :Jagrut Upadhyay 04/05/2023



#30

1,2,4-Trichlorobenzene

Concen: 3.751 ng

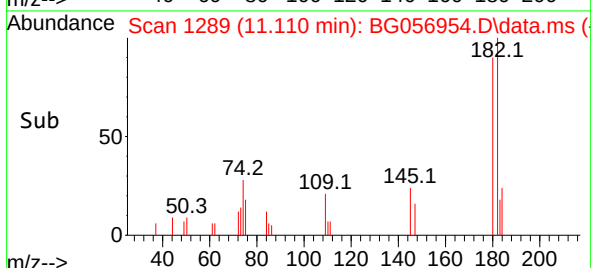
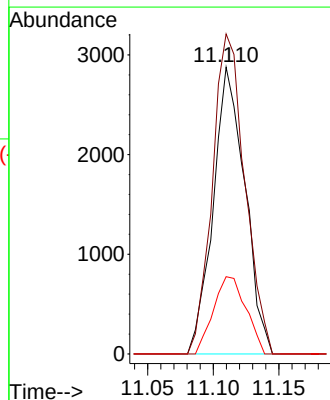
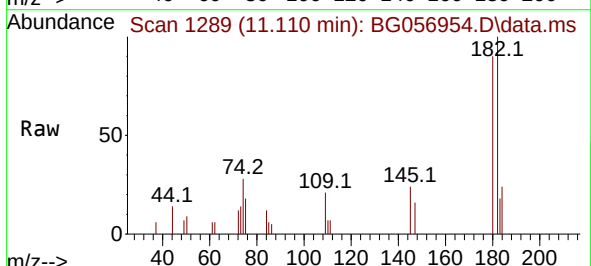
RT: 11.110 min Scan# 1289

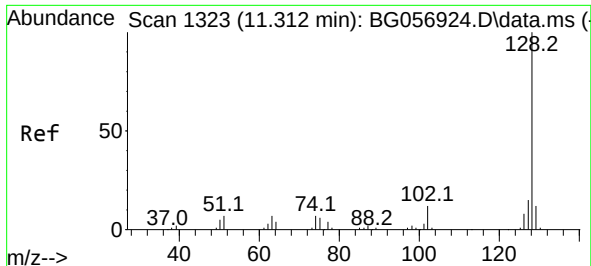
Delta R.T. -0.008 min

Lab File: BG056954.D

Acq: 3 Apr 2023 12:27

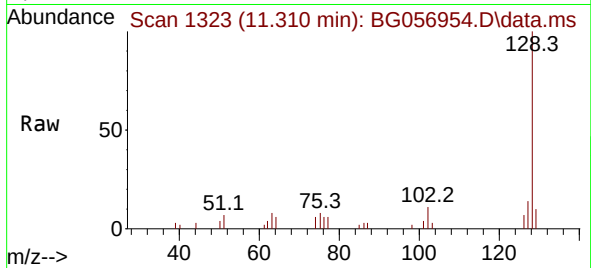
Tgt Ion:	180	Resp:	4829
Ion Ratio	Lower	Upper	
180	100		
182	111.6	77.1	115.7
145	27.0	21.3	31.9





#31
Naphthalene
Concen: 3.691 ng
RT: 11.310 min Scan# 1331
Delta R.T. -0.002 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

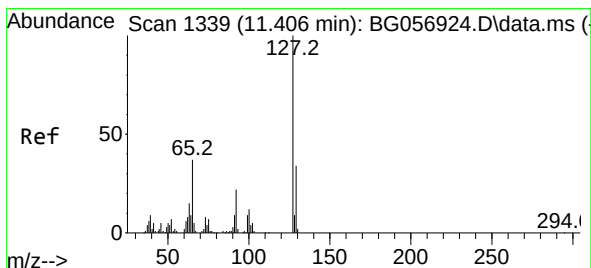
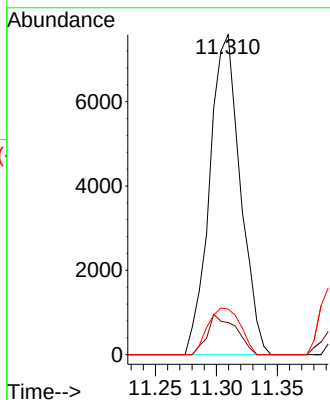
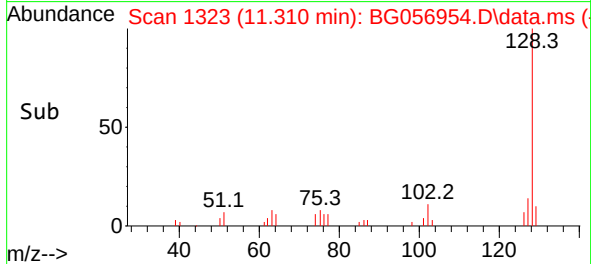
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion:128 Resp: 1331
Ion Ratio Lower Upper
128 100
129 10.0 9.4 14.2
127 14.2 12.2 18.4

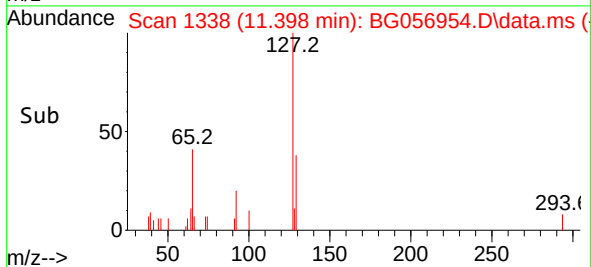
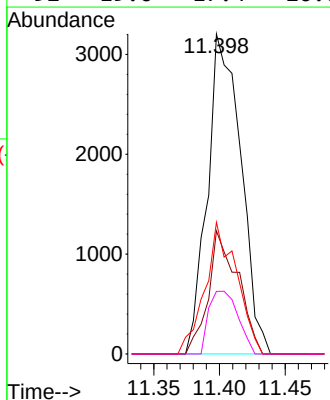
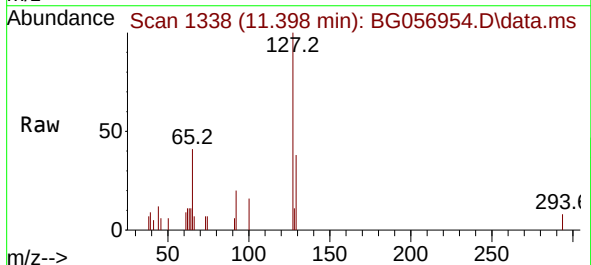
Manual Integrations
APPROVED

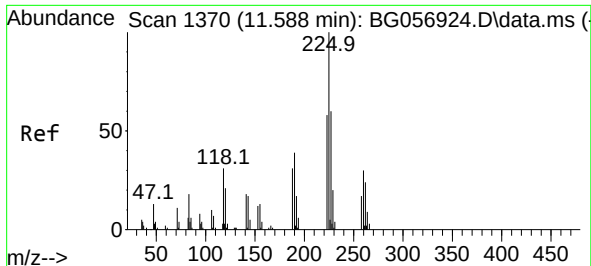
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#33
4-Chloroaniline
Concen: 3.478 ng
RT: 11.398 min Scan# 1338
Delta R.T. -0.008 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

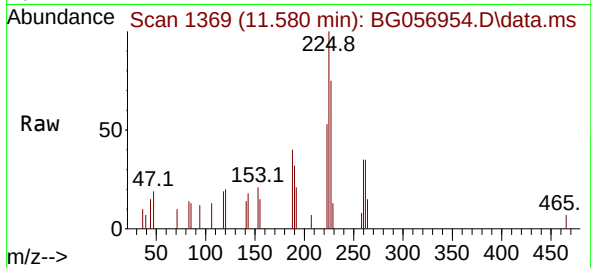
Tgt Ion:127 Resp: 5665
Ion Ratio Lower Upper
127 100
129 38.4 27.6 41.4
65 41.2 29.8 44.8
92 19.6 17.4 26.0





#34
Hexachlorobutadiene
Concen: 3.880 ng
RT: 11.580 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

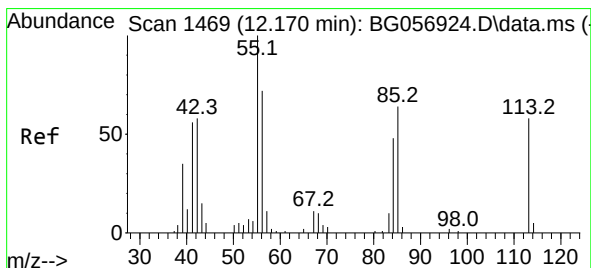
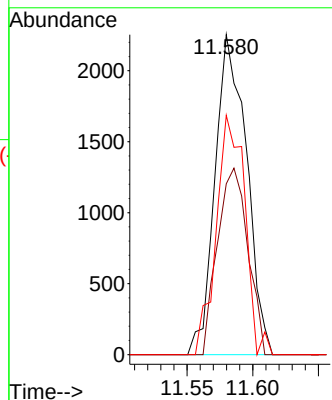
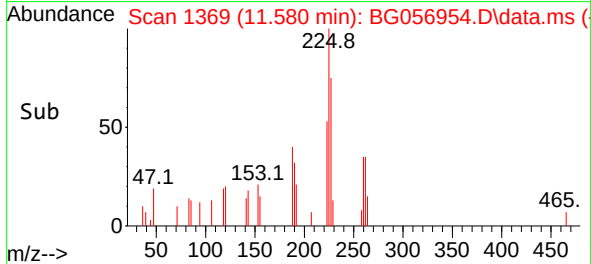
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion:225 Resp: 3752
Ion Ratio Lower Upper
225 100
223 53.4 46.4 69.6
227 74.8 48.0 72.0

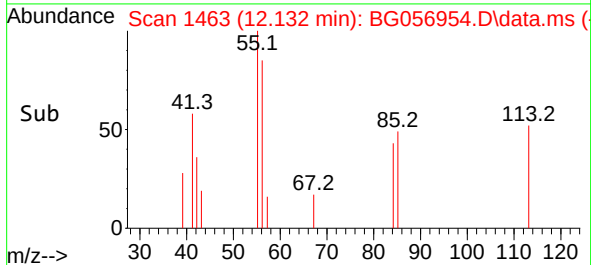
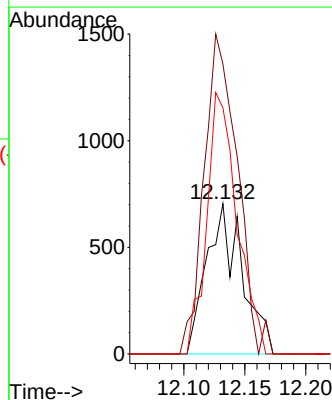
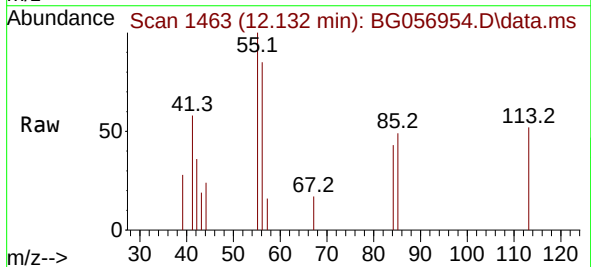
Manual Integrations
APPROVED

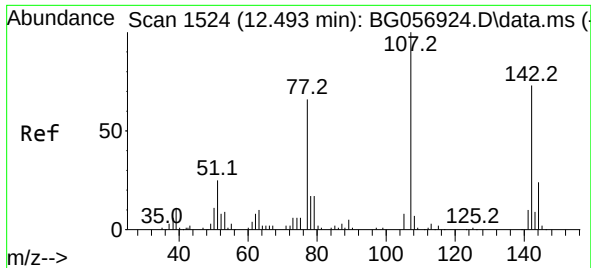
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#35
Caprolactam
Concen: 3.425 ng
RT: 12.132 min Scan# 1463
Delta R.T. -0.038 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

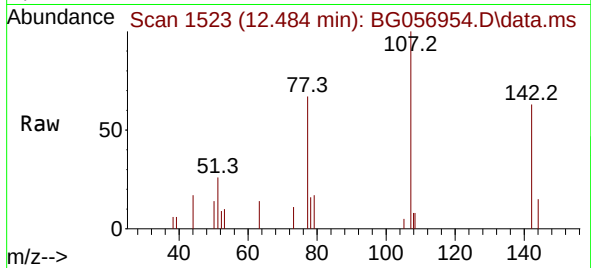
Tgt Ion:113 Resp: 1431
Ion Ratio Lower Upper
113 100
55 192.9 151.6 191.6#
56 163.7 103.7 143.7#





#36
4-Chloro-3-methylphenol
Concen: 3.219 ng
RT: 12.484 min Scan# 1523
Delta R.T. -0.008 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

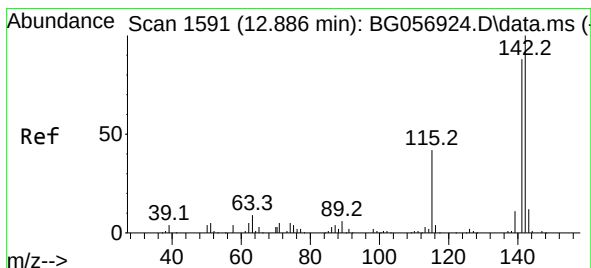
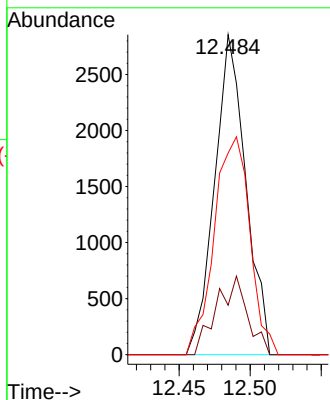
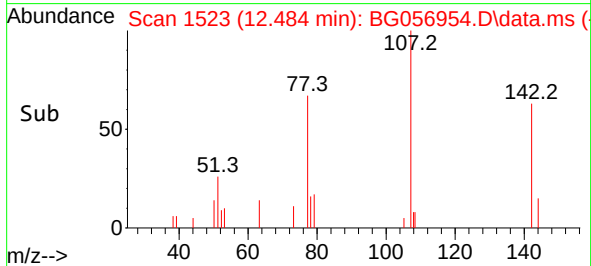
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2023



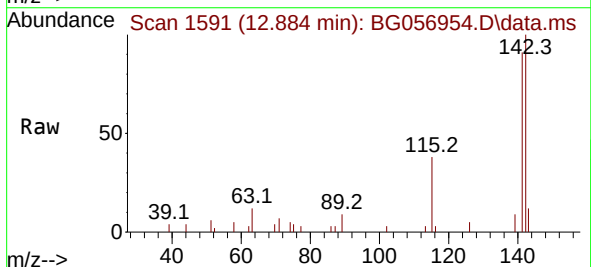
Tgt Ion:107 Resp: 436
Ion Ratio Lower Upper
107 100
144 15.4 19.0 28.4
142 63.0 58.6 88.0

Manual Integrations
APPROVED

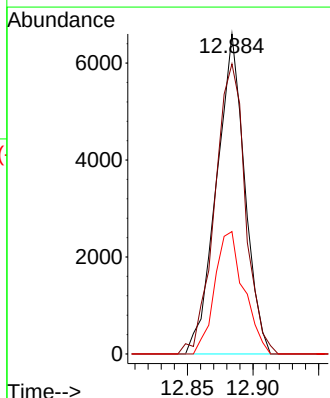
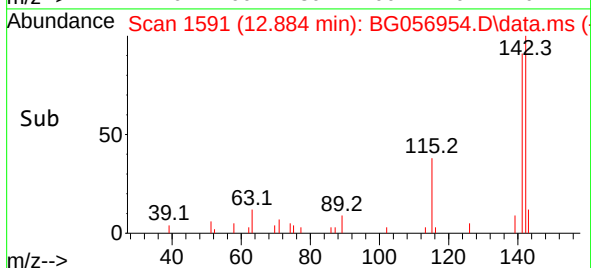
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/05/2023

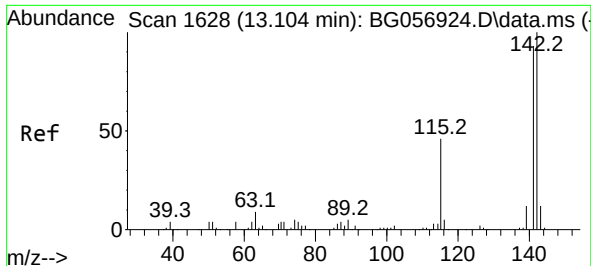


#37
2-Methylnaphthalene
Concen: 3.443 ng
RT: 12.884 min Scan# 1591
Delta R.T. -0.002 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27



Tgt Ion:142 Resp: 9854
Ion Ratio Lower Upper
142 100
141 90.6 70.3 105.5
115 38.2 33.5 50.3





#38

1-Methylnaphthalene

Concen: 3.410 ng

RT: 13.101 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG056954.D

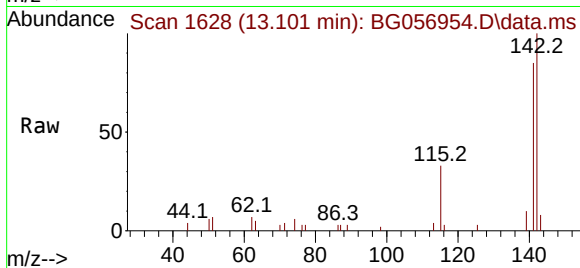
Acq: 3 Apr 2023 12:27

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT1-2023



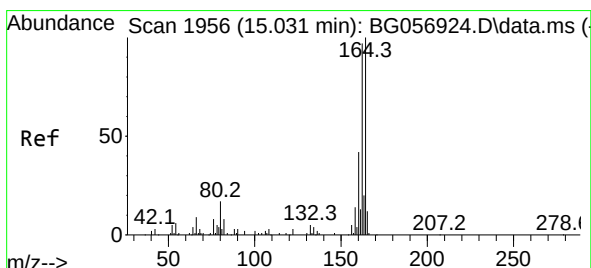
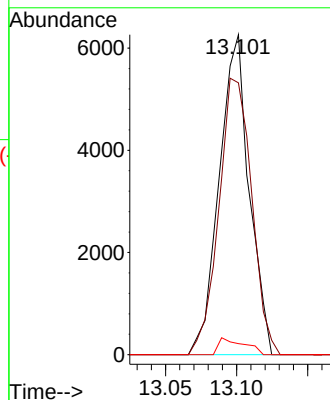
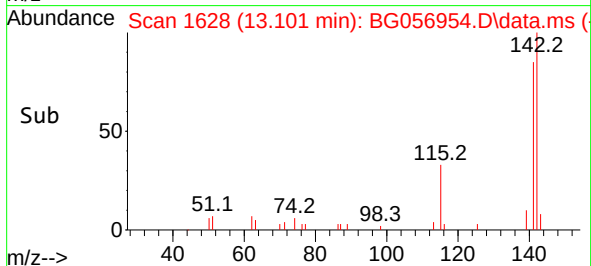
Tgt Ion:	142	Resp:	916
Ion Ratio	Lower	Upper	
142	100		
141	85.0	74.0	111.0
116	3.4	3.7	5.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/04/2023

Supervised By :Jagrut Upadhyay 04/05/2023



#39

Acenaphthene-d10

Concen: 20.000 ng

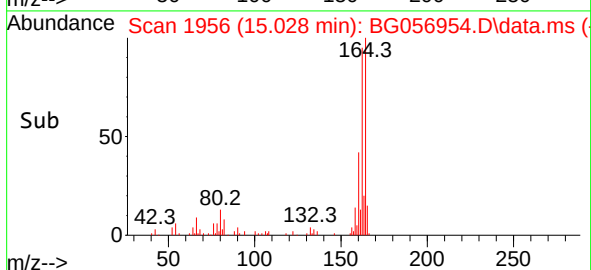
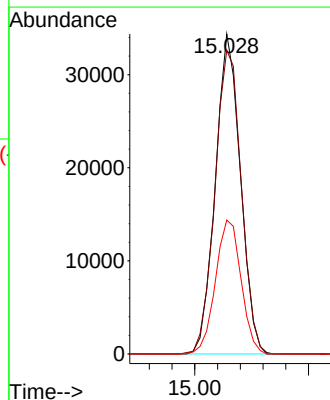
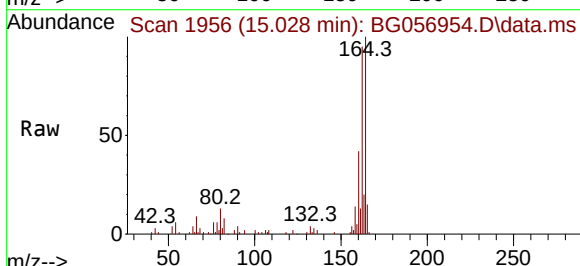
RT: 15.028 min Scan# 1956

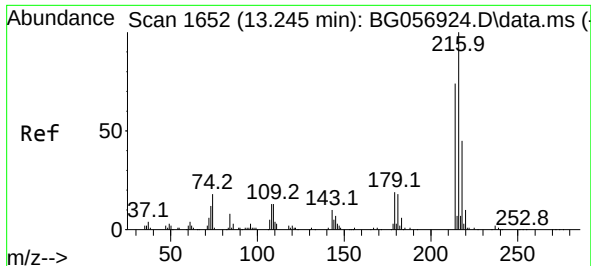
Delta R.T. -0.002 min

Lab File: BG056954.D

Acq: 3 Apr 2023 12:27

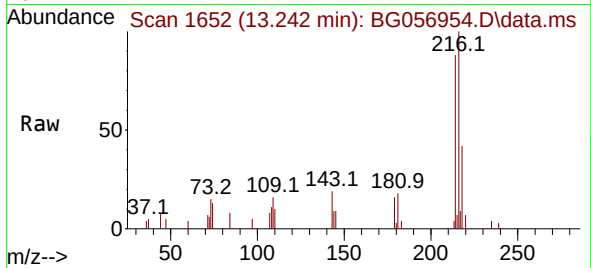
Tgt Ion:	164	Resp:	52548
Ion Ratio	Lower	Upper	
164	100		
162	94.9	77.8	116.8
160	41.9	33.5	50.3





#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.822 ng
RT: 13.242 min Scan# 1652
Delta R.T. -0.002 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

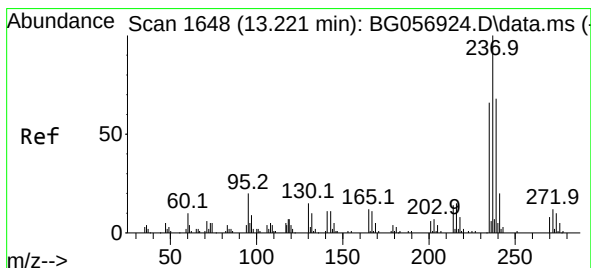
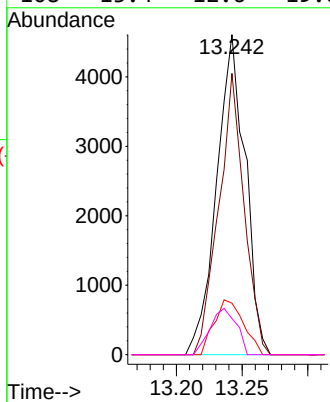
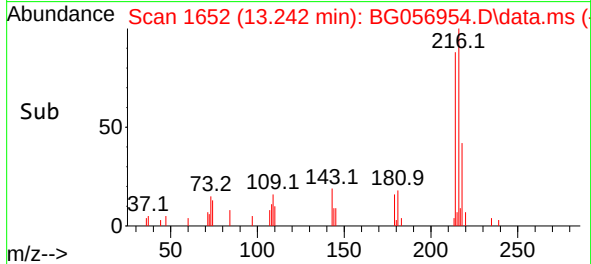
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2023



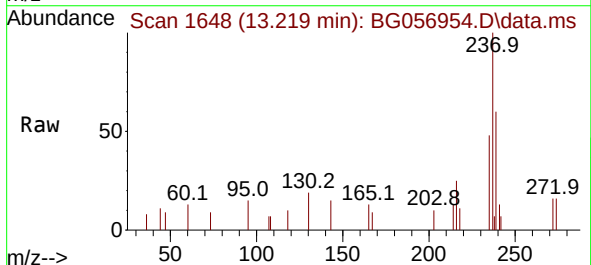
Tgt Ion:216 Resp: 696
Ion Ratio Lower Upper
216 100
214 78.2 63.3 94.9
179 17.5 15.0 22.6
108 13.4 12.6 19.0

Manual Integrations
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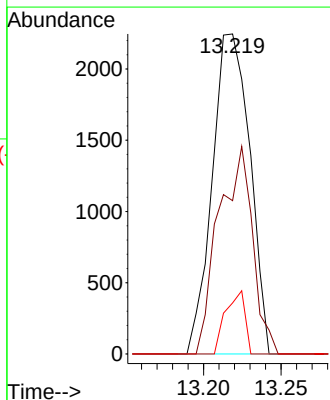
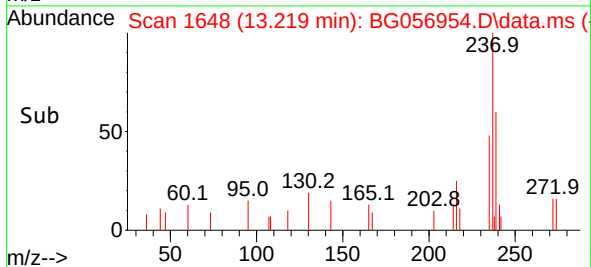
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/05/2023

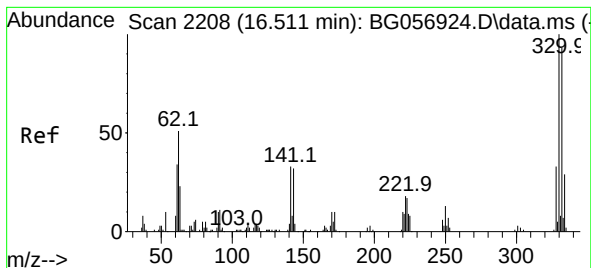


#41
Hexachlorocyclopentadiene
Concen: 3.764 ng
RT: 13.219 min Scan# 1648
Delta R.T. -0.002 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27



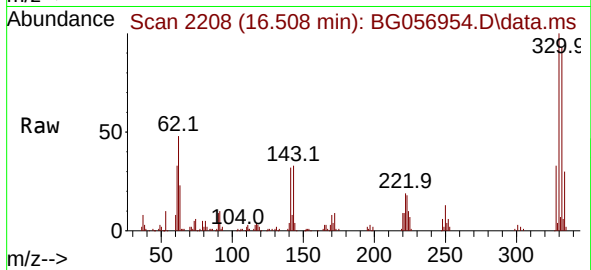
Tgt Ion:237 Resp: 3779
Ion Ratio Lower Upper
237 100
235 47.9 45.9 85.9
272 16.0 0.0 32.3





#42
2,4,6-Tribromophenol
Concen: 110.051 ng
RT: 16.508 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

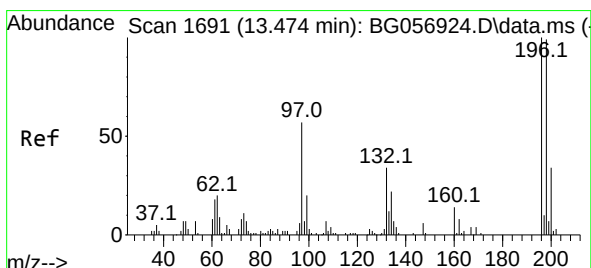
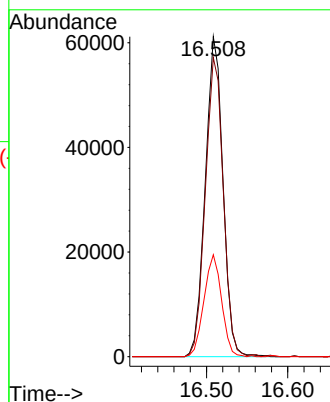
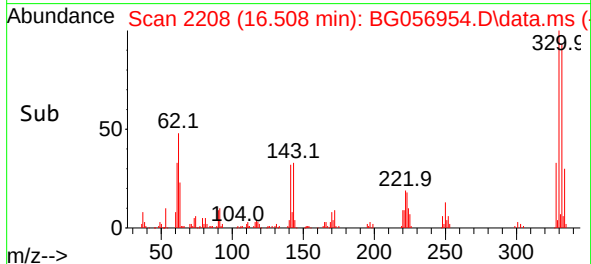
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2023



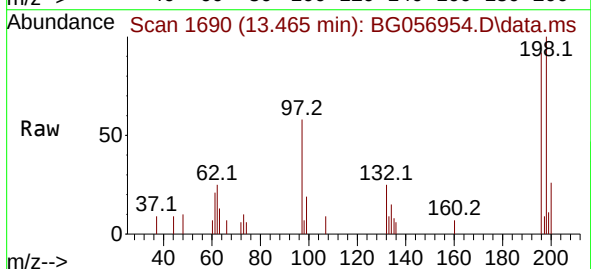
Tgt Ion:330 Resp: 9238
Ion Ratio Lower Upper
330 100
332 94.9 76.1 114.1
141 31.8 25.8 38.6

Manual Integrations
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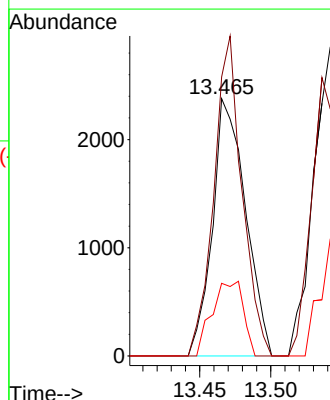
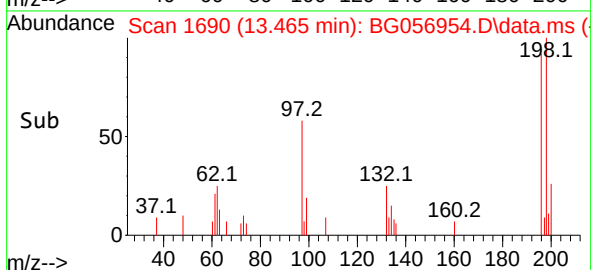
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/05/2023

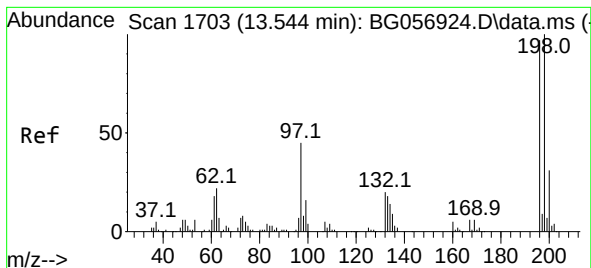


#43
2,4,6-Trichlorophenol
Concen: 3.309 ng
RT: 13.465 min Scan# 1690
Delta R.T. -0.008 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27



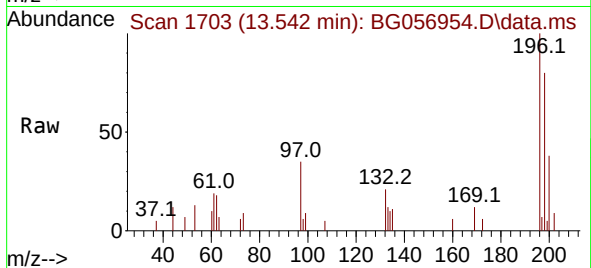
Tgt Ion:196 Resp: 3848
Ion Ratio Lower Upper
196 100
198 108.5 79.1 118.7
200 28.2 27.2 40.8





#44
2,4,5-Trichlorophenol
Concen: 3.141 ng
RT: 13.542 min Scan# 1703
Delta R.T. -0.002 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

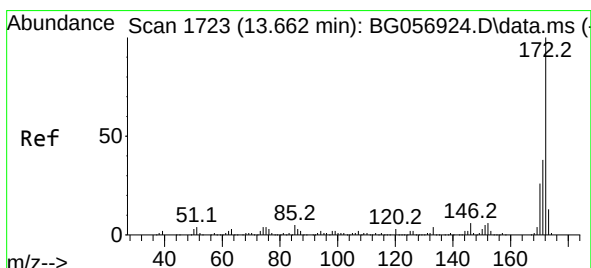
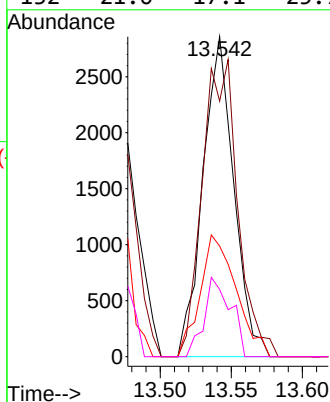
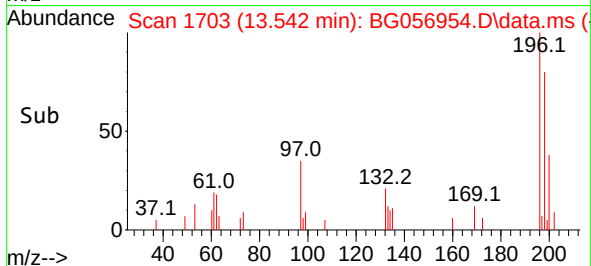
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT1-2023



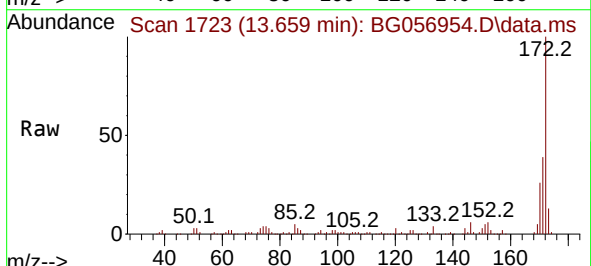
Tgt Ion:196 Resp: 432
Ion Ratio Lower Upper
196 100
198 79.8 82.5 123.7
97 34.5 37.0 55.6
132 21.0 17.1 25.7

Manual Integrations
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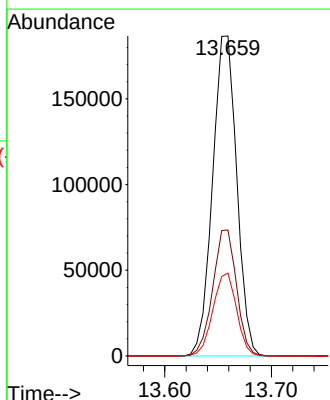
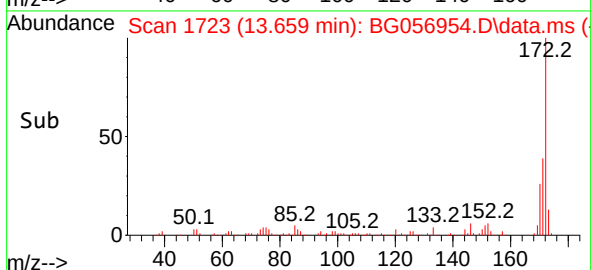
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/05/2023

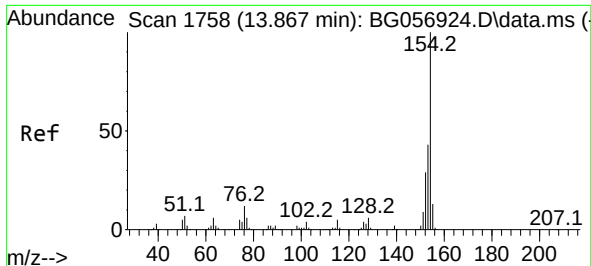


#45
2-Fluorobiphenyl
Concen: 75.895 ng
RT: 13.659 min Scan# 1723
Delta R.T. -0.002 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27



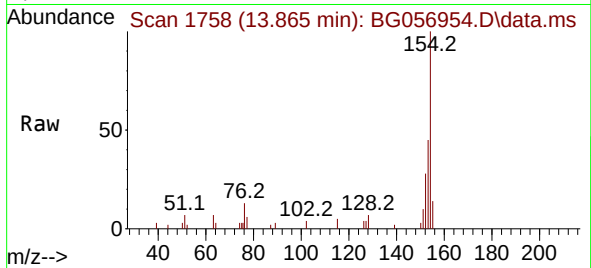
Tgt Ion:172 Resp: 294108
Ion Ratio Lower Upper
172 100
171 39.4 30.6 46.0
170 25.9 20.6 30.8





#46
1,1'-Biphenyl
Concen: 3.931 ng
RT: 13.865 min Scan# 1758
Delta R.T. -0.002 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

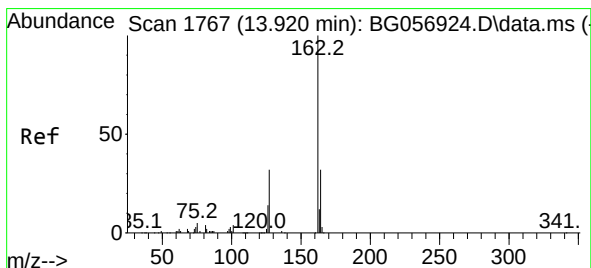
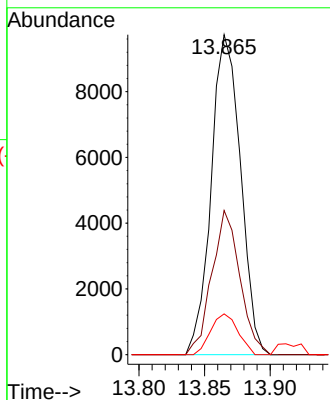
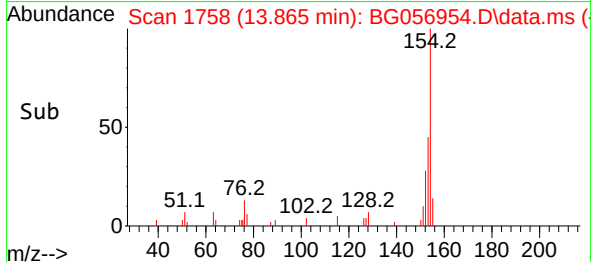
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT1-2023



Tgt Ion:154 Resp: 1512
Ion Ratio Lower Upper
154 100
153 45.0 23.4 63.4
76 12.8 0.0 31.6

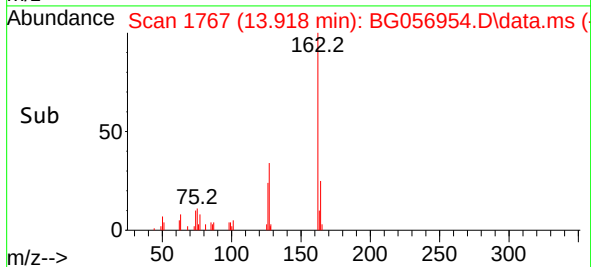
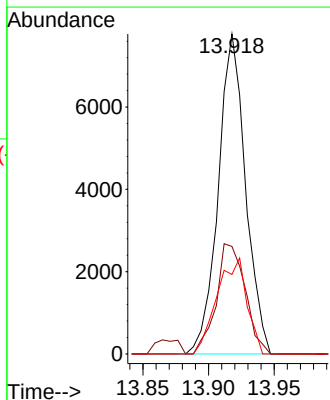
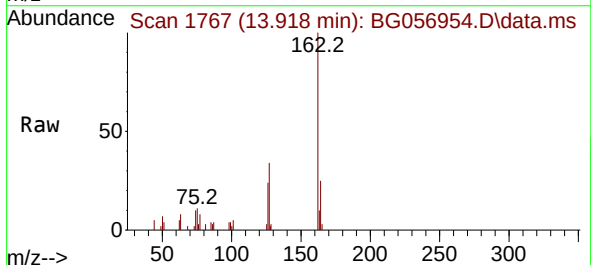
Manual Integrations
APPROVED

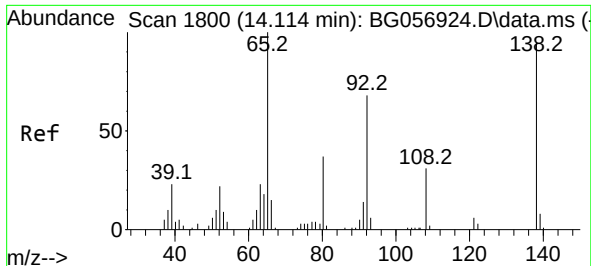
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#47
2-Chloronaphthalene
Concen: 3.949 ng
RT: 13.918 min Scan# 1767
Delta R.T. -0.002 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

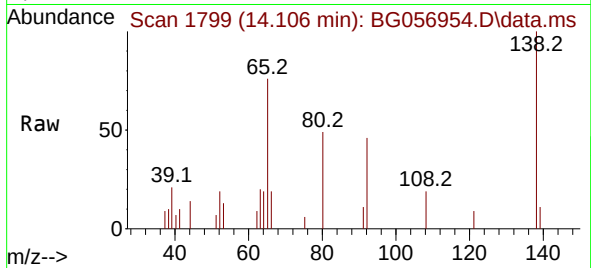
Tgt Ion:162 Resp: 11236
Ion Ratio Lower Upper
162 100
127 33.6 29.5 44.3
164 24.8 25.5 38.3#





#48
2-Nitroaniline
Concen: 2.948 ng
RT: 14.106 min Scan# 1799
Delta R.T. -0.008 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

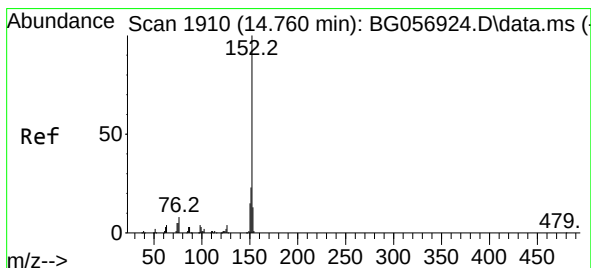
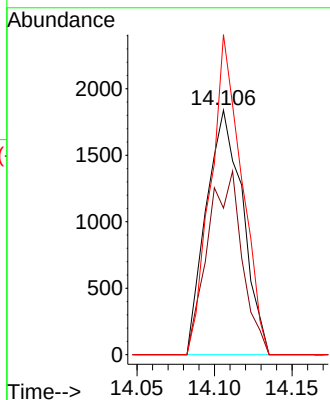
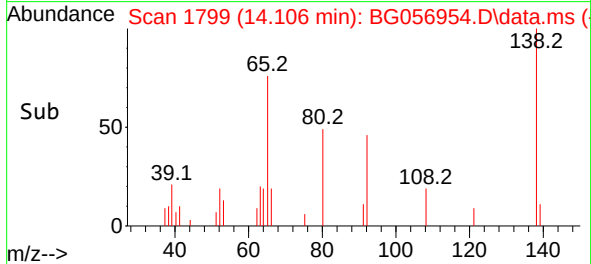
Instrument : BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion: 65 Resp: 299
Ion Ratio Lower Upper
65 100
92 59.9 54.3 81.5
138 130.9 76.0 114.0

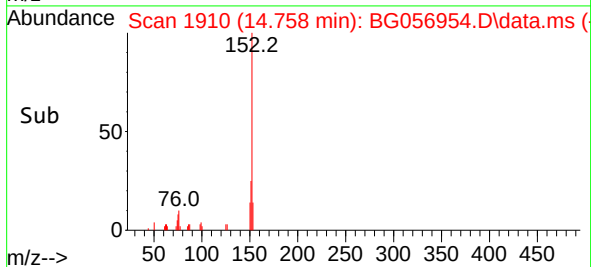
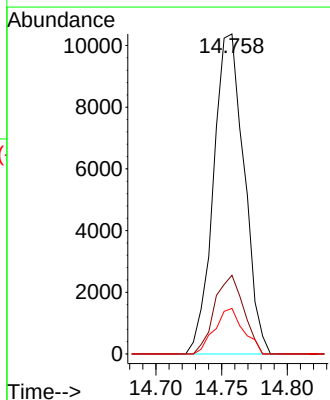
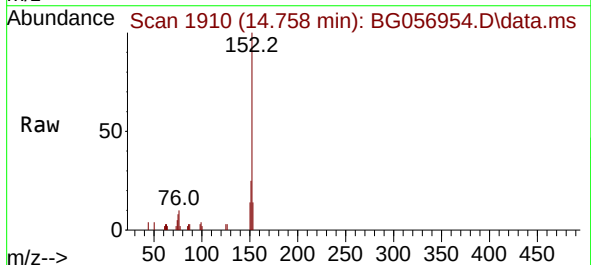
Manual Integrations
APPROVED

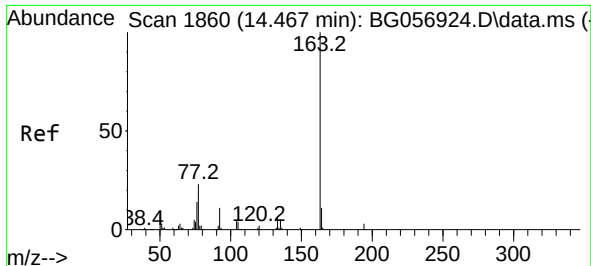
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#49
Acenaphthylene
Concen: 3.601 ng
RT: 14.758 min Scan# 1910
Delta R.T. -0.002 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

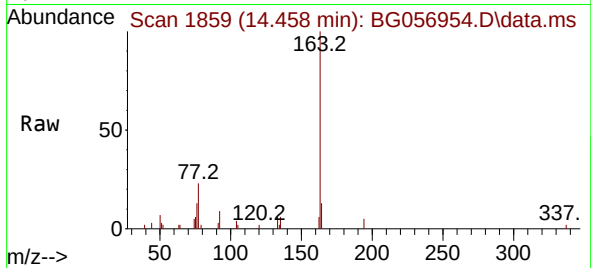
Tgt Ion:152 Resp: 16834
Ion Ratio Lower Upper
152 100
151 24.6 18.2 27.2
153 14.2 10.5 15.7





#50
Dimethylphthalate
Concen: 3.524 ng
RT: 14.458 min Scan# 1859
Delta R.T. -0.008 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

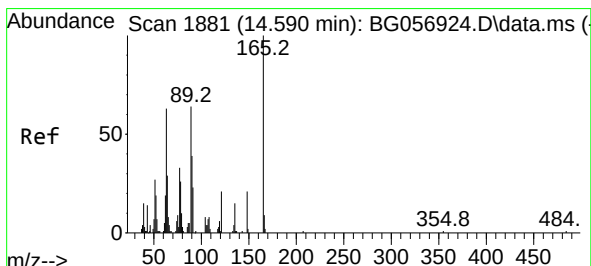
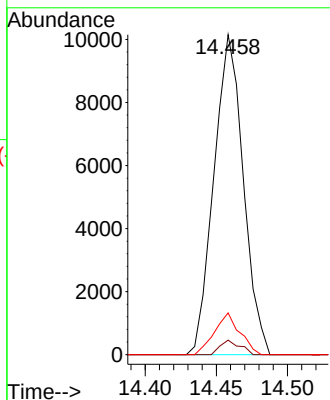
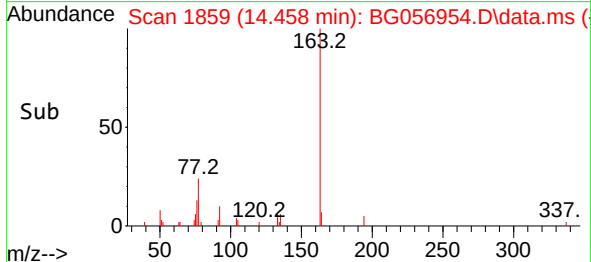
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT1-2023



Tgt Ion:163 Resp: 1459
Ion Ratio Lower Upper
163 100
194 4.5 2.8 4.2
164 13.1 8.8 13.2

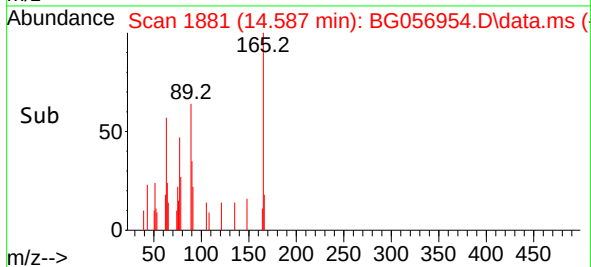
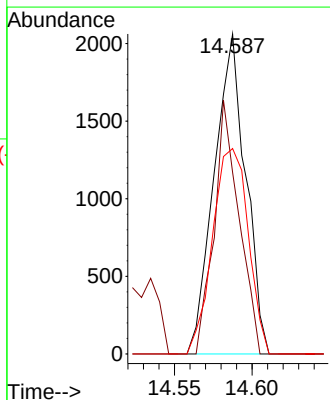
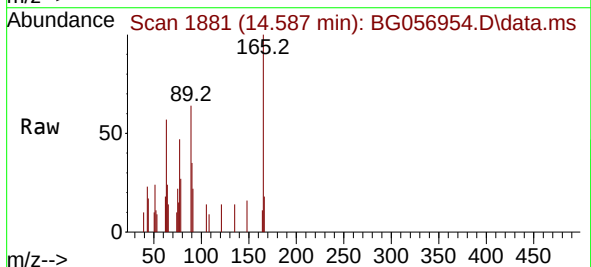
Manual Integrations
APPROVED

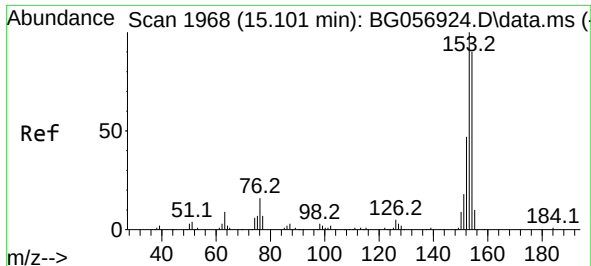
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#51
2,6-Dinitrotoluene
Concen: 3.246 ng
RT: 14.587 min Scan# 1881
Delta R.T. -0.002 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

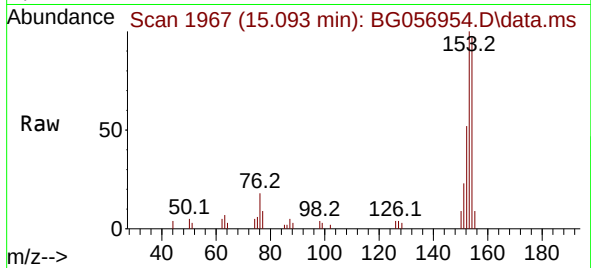
Tgt Ion:165 Resp: 2904
Ion Ratio Lower Upper
165 100
63 56.7 53.0 79.6
89 64.2 51.0 76.4





#52
Acenaphthene
Concen: 3.488 ng
RT: 15.093 min Scan# 1967
Delta R.T. -0.008 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

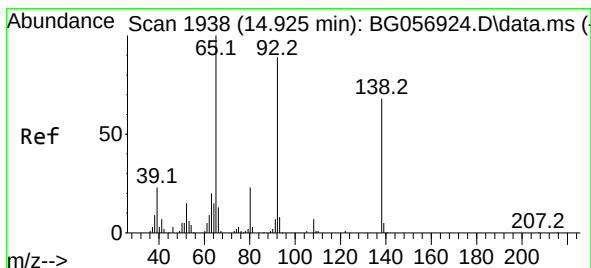
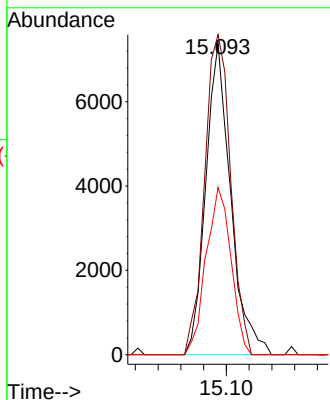
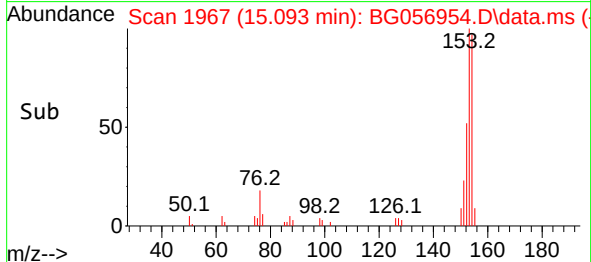
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT1-2023



Tgt Ion:154 Resp: 11240
Ion Ratio Lower Upper
154 100
153 102.8 88.9 133.3
152 53.7 41.8 62.8

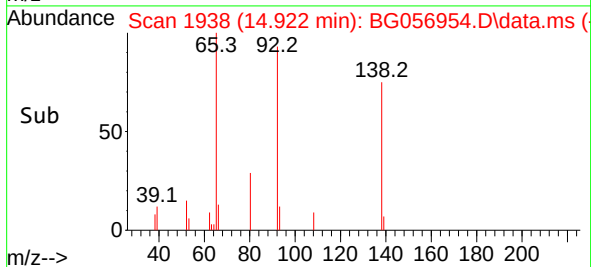
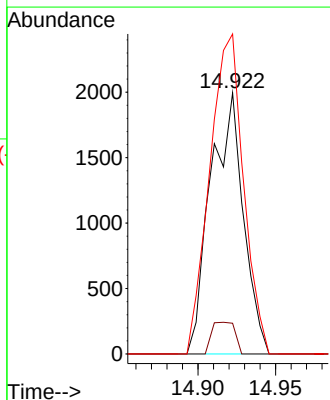
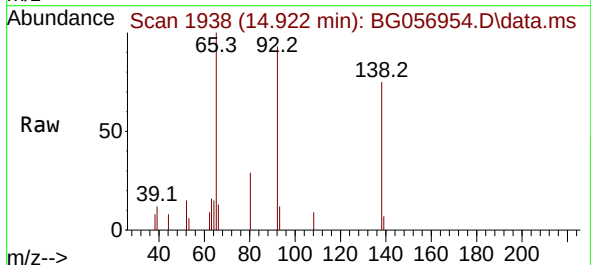
Manual Integrations
APPROVED

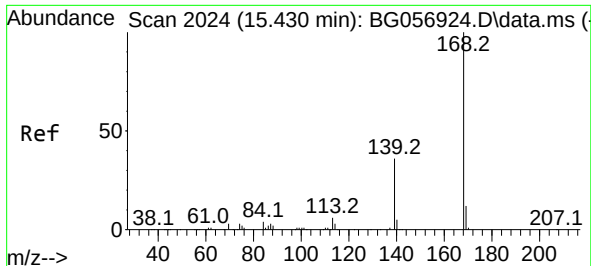
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#53
3-Nitroaniline
Concen: 3.308 ng
RT: 14.922 min Scan# 1938
Delta R.T. -0.002 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

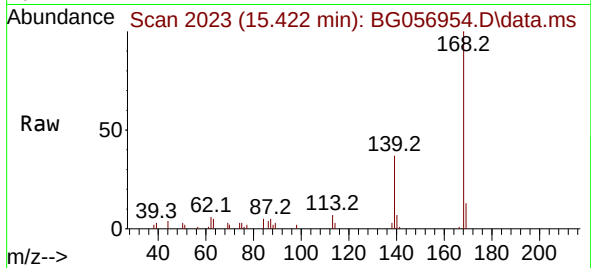
Tgt Ion:138 Resp: 2929
Ion Ratio Lower Upper
138 100
108 11.8 8.2 12.2
92 122.6 105.2 157.8





#55
Dibenzenofuran
Concen: 3.732 ng
RT: 15.422 min Scan# 2024
Delta R.T. -0.008 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

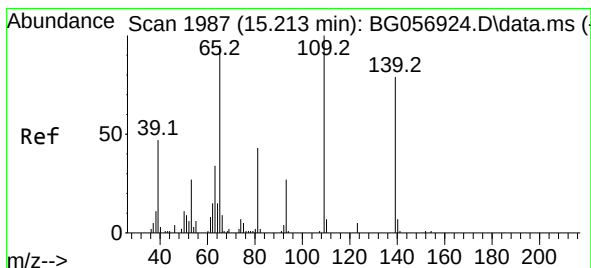
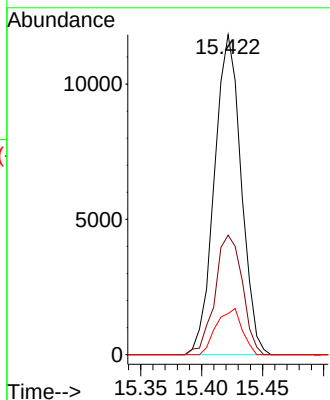
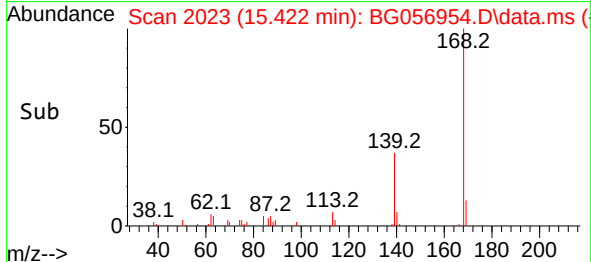
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT1-2023



Tgt Ion:168 Resp: 18058
Ion Ratio Lower Upper
168 100
139 37.4 28.9 43.3
169 12.9 9.8 14.6

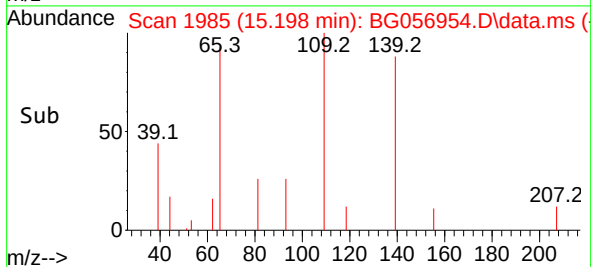
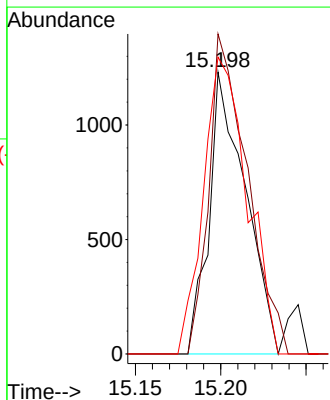
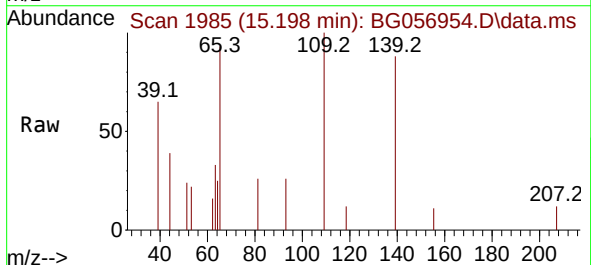
Manual Integrations
APPROVED

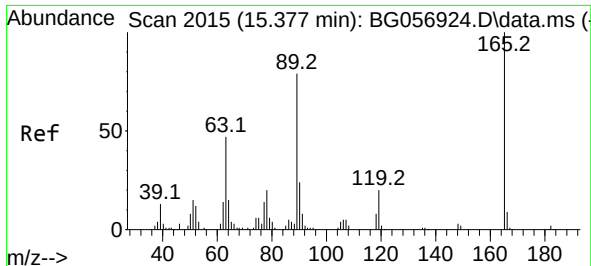
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#56
4-Nitrophenol
Concen: 2.790 ng
RT: 15.198 min Scan# 1985
Delta R.T. -0.014 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

Tgt Ion:139 Resp: 1827
Ion Ratio Lower Upper
139 100
109 113.6 106.7 146.7
65 105.4 100.5 140.5





#57

2,4-Dinitrotoluene

Concen: 3.575 ng

RT: 15.369 min Scan# 2015

Delta R.T. -0.008 min

Lab File: BG056954.D

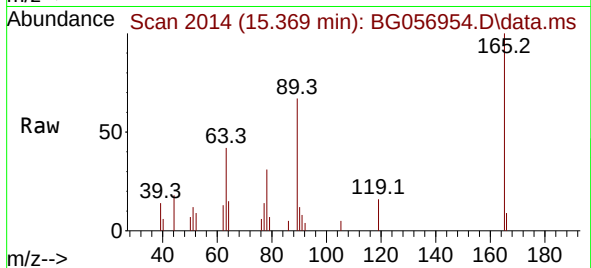
Acq: 3 Apr 2023 12:27

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT1-2023



Tgt Ion:165 Resp: 4510

Ion Ratio Lower Upper

165 100

63 42.3 37.7 56.5

89 67.2 63.2 94.8

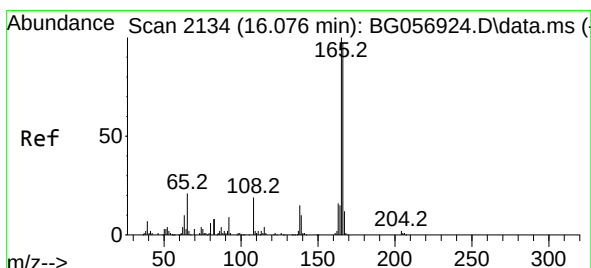
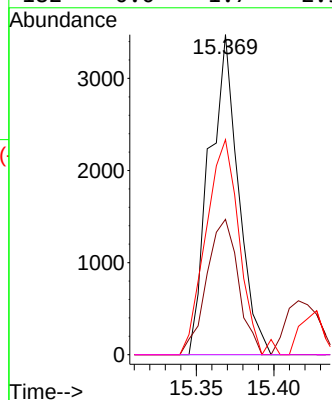
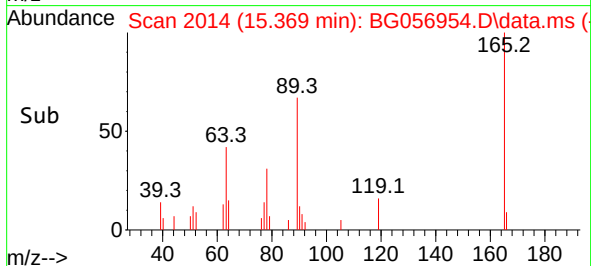
182 0.0 1.7 2.5#

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/04/2023

Supervised By :Jagrut Upadhyay 04/05/2023



#58

Fluorene

Concen: 3.742 ng

RT: 16.068 min Scan# 2133

Delta R.T. -0.008 min

Lab File: BG056954.D

Acq: 3 Apr 2023 12:27

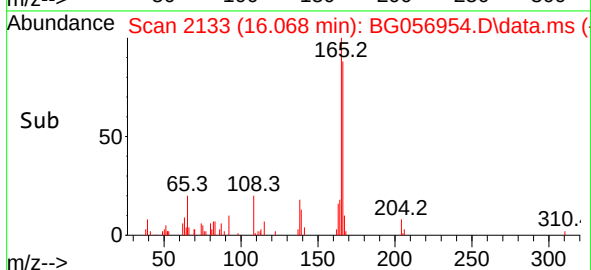
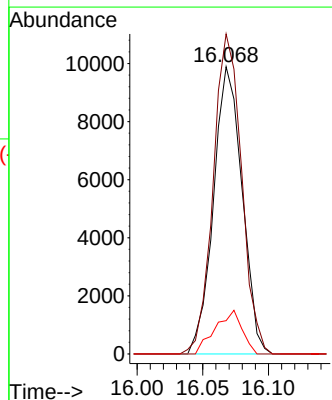
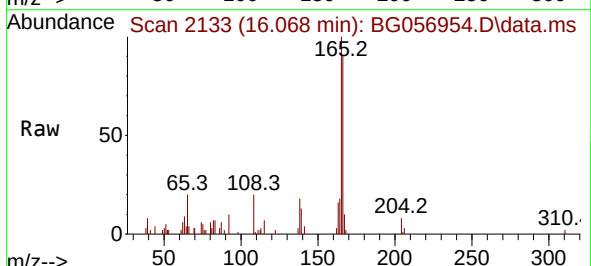
Tgt Ion:166 Resp: 14982

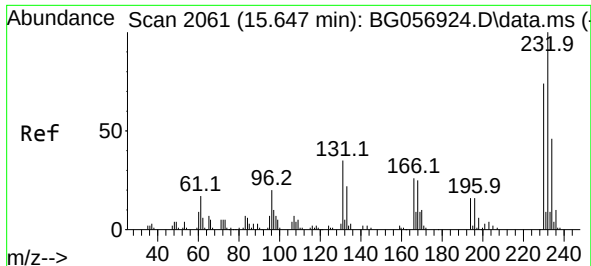
Ion Ratio Lower Upper

166 100

165 111.4 82.6 123.8

167 11.6 10.2 15.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 3.418 ng

RT: 15.639 min Scan# 2060

Delta R.T. -0.008 min

Lab File: BG056954.D

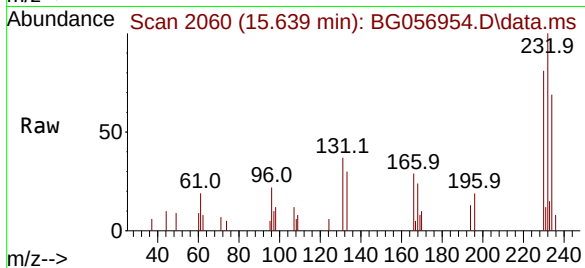
Acq: 3 Apr 2023 12:27

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT1-2023



Tgt Ion:232 Resp: 428

Ion Ratio Lower Upper

232 100

131 39.1 29.3 43.9

130 1.3 1.7 2.5

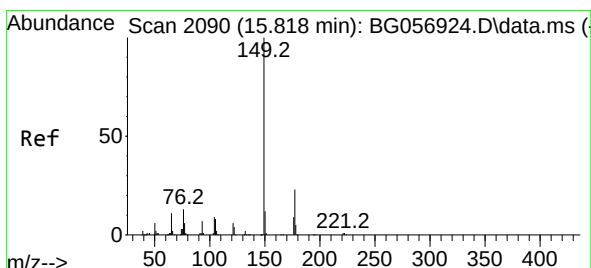
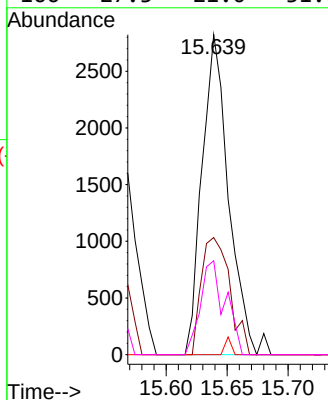
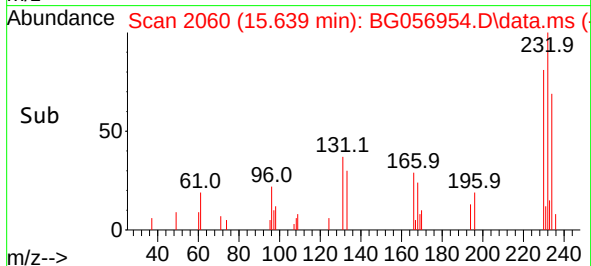
166 27.3 21.0 31.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/04/2023

Supervised By :Jagrut Upadhyay 04/05/2023



#60

Diethylphthalate

Concen: 3.630 ng

RT: 15.809 min Scan# 2089

Delta R.T. -0.008 min

Lab File: BG056954.D

Acq: 3 Apr 2023 12:27

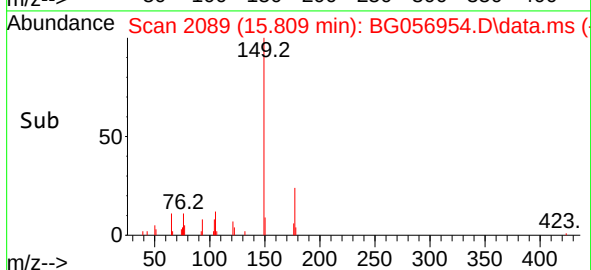
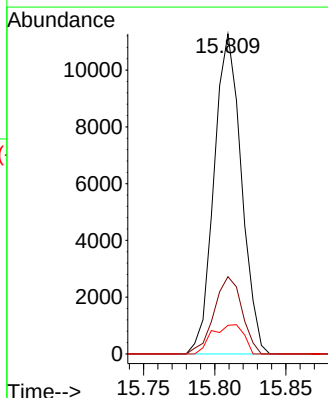
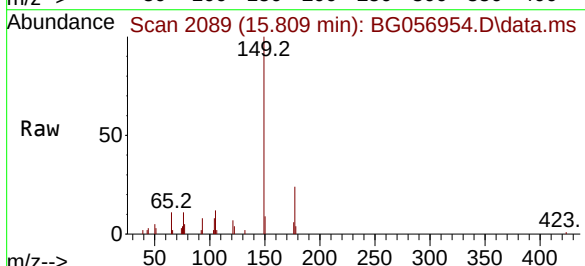
Tgt Ion:149 Resp: 15069

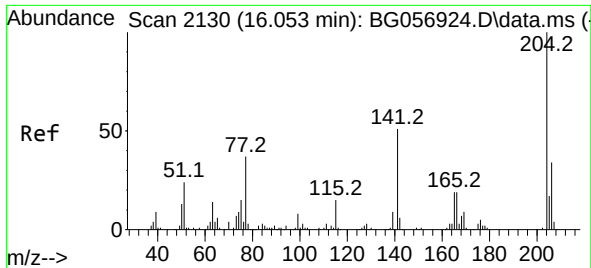
Ion Ratio Lower Upper

149 100

177 24.2 18.8 28.2

150 8.9 9.4 14.2#





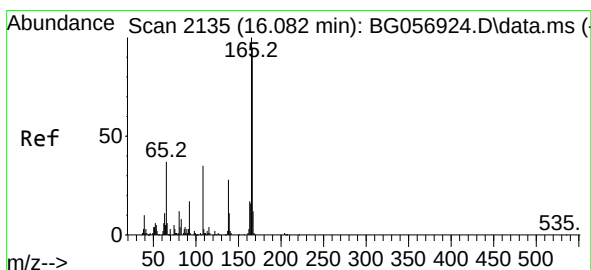
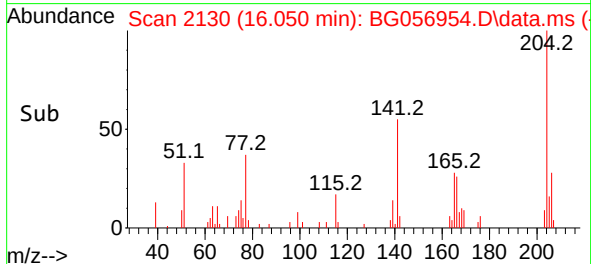
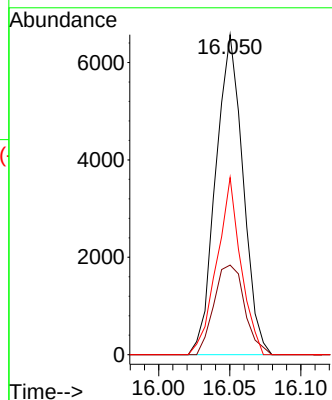
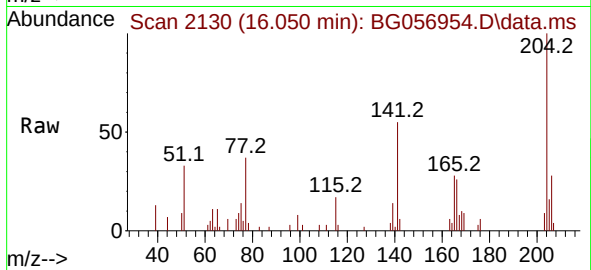
#61
4-Chlorophenyl-phenylether
Concen: 3.726 ng
RT: 16.050 min Scan# 2130
Delta R.T. -0.002 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2023

Tgt Ion:204 Resp: 8758
Ion Ratio Lower Upper
204 100
206 28.0 27.2 40.8
141 55.4 40.7 61.1

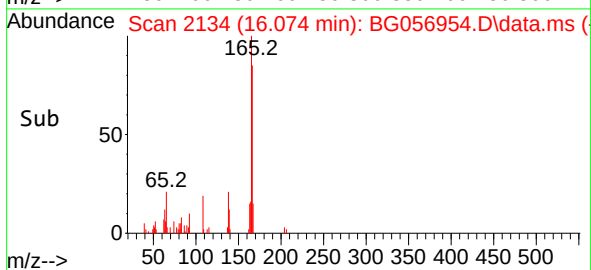
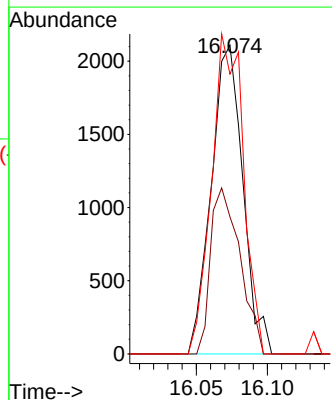
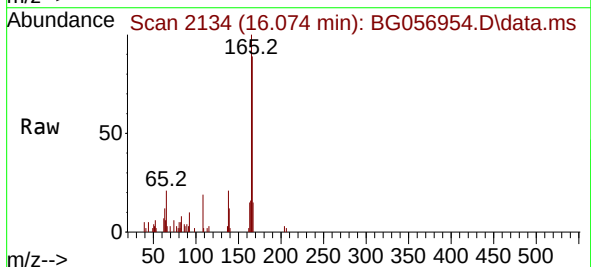
Manual Integrations
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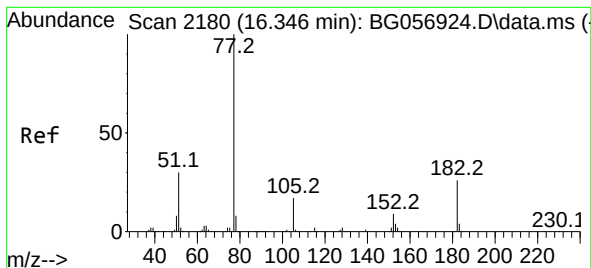
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#62
4-Nitroaniline
Concen: 3.557 ng
RT: 16.074 min Scan# 2134
Delta R.T. -0.008 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

Tgt Ion:138 Resp: 3263
Ion Ratio Lower Upper
138 100
92 44.4 40.9 80.9
108 90.7 104.3 144.3#





#63

Azobenzene

Concen: 3.752 ng

RT: 16.344 min Scan# 2180

Delta R.T. -0.002 min

Lab File: BG056954.D

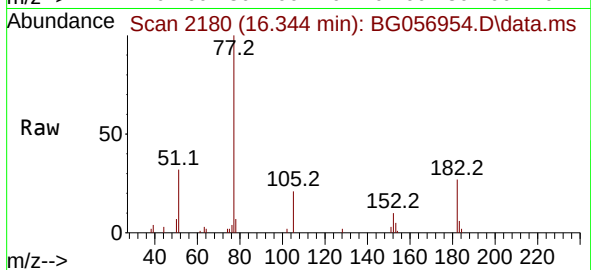
Acq: 3 Apr 2023 12:27

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT1-2023



Tgt Ion: 77 Resp: 15520

Ion Ratio Lower Upper

77 100

182 27.2 5.9 45.9

105 21.1 0.0 36.8

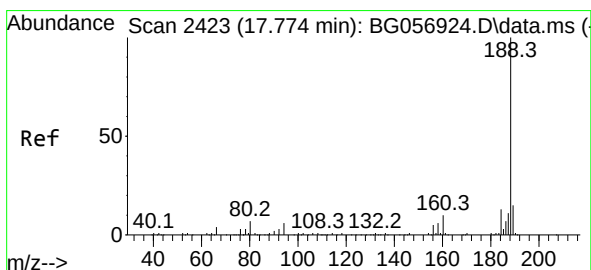
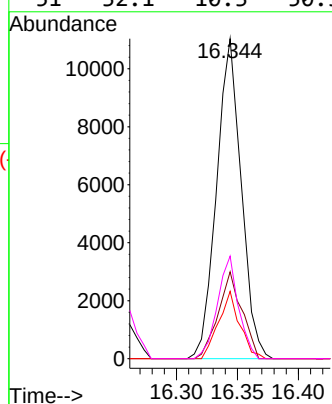
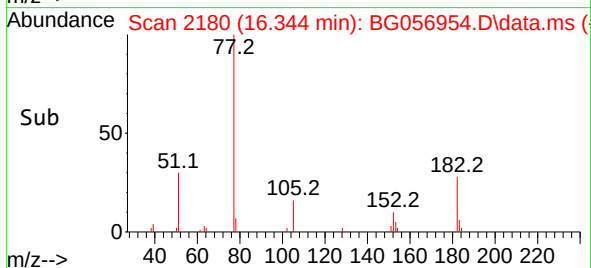
51 32.1 10.3 50.3

Manual Integrations

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Reviewed By :Christian Giraldo 04/04/2023

Supervised By :Jagrut Upadhyay 04/05/2023



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.771 min Scan# 2423

Delta R.T. -0.002 min

Lab File: BG056954.D

Acq: 3 Apr 2023 12:27

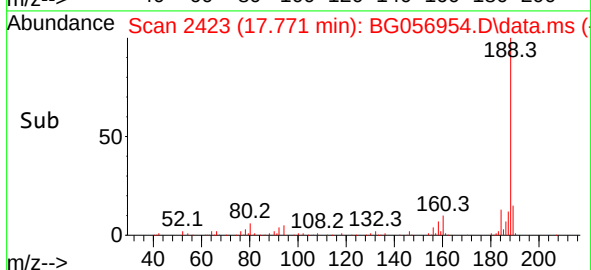
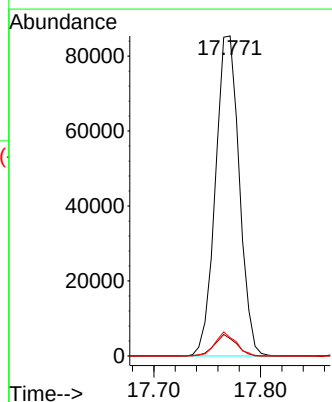
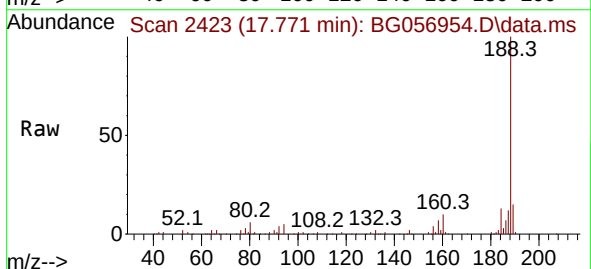
Tgt Ion:188 Resp: 132226

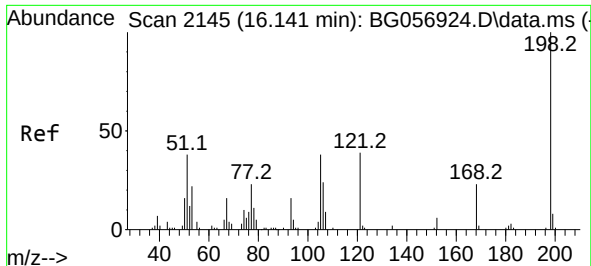
Ion Ratio Lower Upper

188 100

94 5.4 4.6 6.8

80 5.7 5.5 8.3





#65

4,6-Dinitro-2-methylphenol

Concen: 2.745 ng

RT: 16.132 min Scan# 2145

Delta R.T. -0.008 min

Lab File: BG056954.D

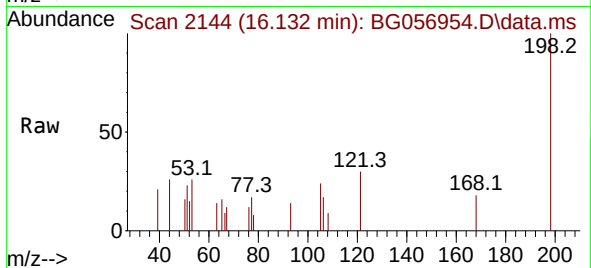
Acq: 3 Apr 2023 12:27

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT1-2023

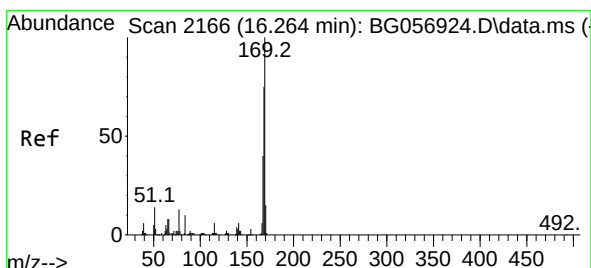
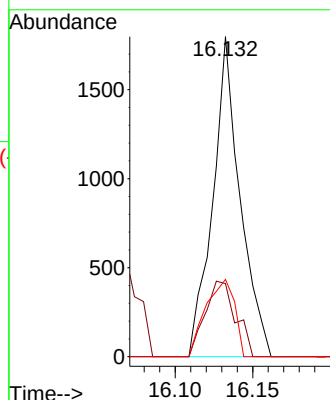


Tgt Ion:	198	Resp:	2198
Ion Ratio	Lower	Upper	
198	100		
51	22.9	20.5	60.5
105	24.1	18.1	58.1

Manual Integrations

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Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#66

n-Nitrosodiphenylamine

Concen: 3.574 ng

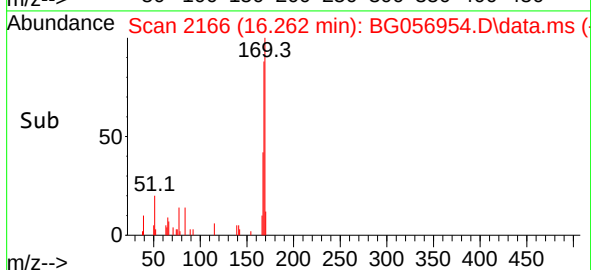
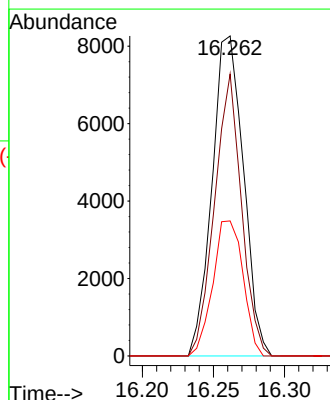
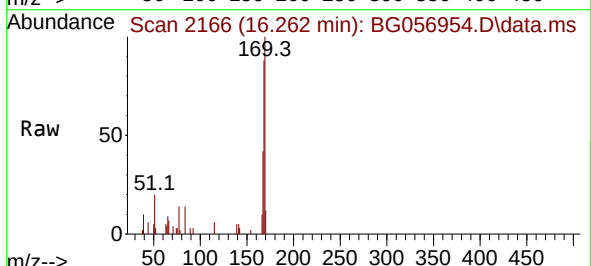
RT: 16.262 min Scan# 2166

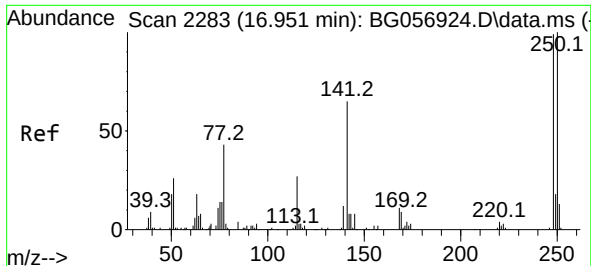
Delta R.T. -0.002 min

Lab File: BG056954.D

Acq: 3 Apr 2023 12:27

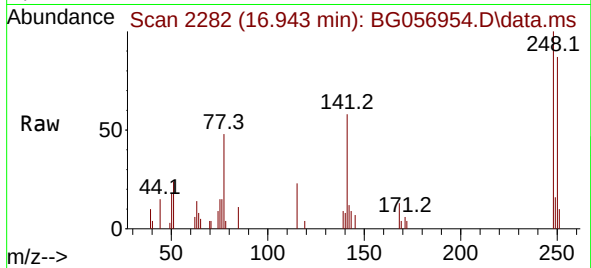
Tgt Ion:	169	Resp:	12686
Ion Ratio	Lower	Upper	
169	100		
168	88.1	59.6	89.4
167	42.2	31.8	47.8





#67
4-Bromophenyl-phenylether
Concen: 3.774 ng
RT: 16.943 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

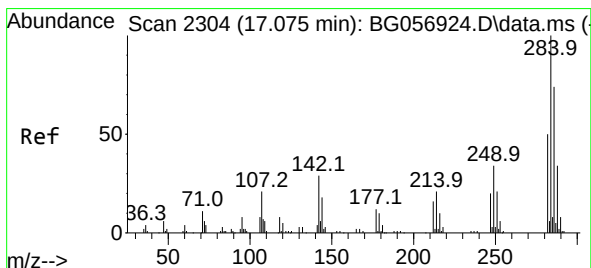
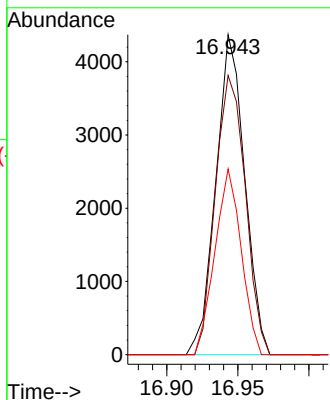
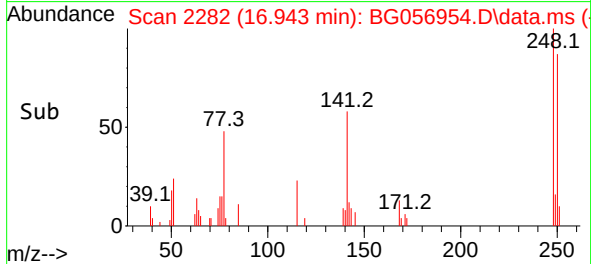
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2023



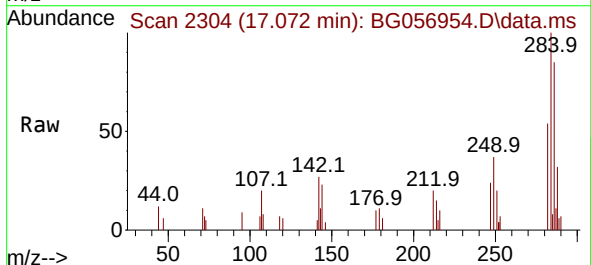
Tgt Ion:248 Resp: 617
Ion Ratio Lower Upper
248 100
250 87.3 80.5 120.7
141 58.0 52.0 78.0

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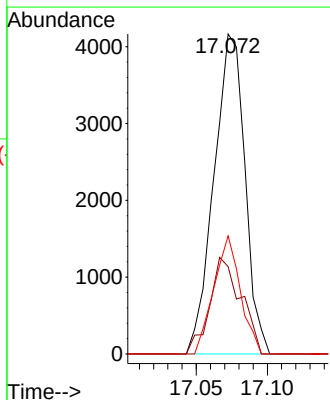
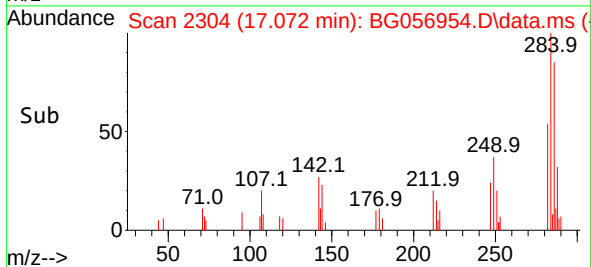
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/05/2023

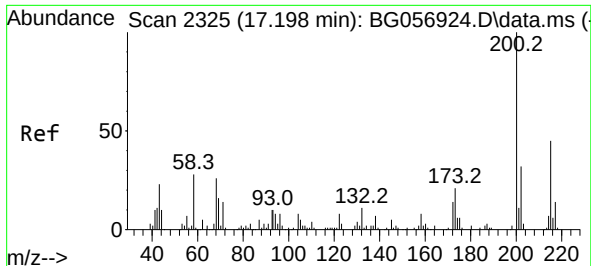


#68
Hexachlorobenzene
Concen: 3.904 ng
RT: 17.072 min Scan# 2304
Delta R.T. -0.002 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27



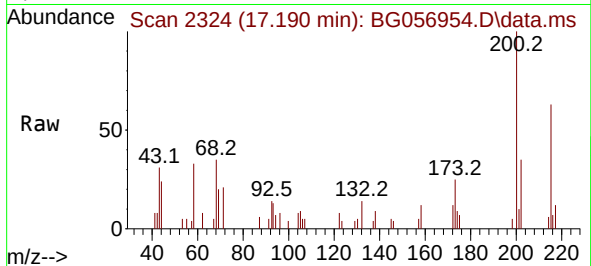
Tgt Ion:284 Resp: 6315
Ion Ratio Lower Upper
284 100
142 27.3 23.0 34.4
249 36.9 27.1 40.7





#69
 Atrazine
 Concen: 3.774 ng
 RT: 17.190 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BG056954.D
 Acq: 3 Apr 2023 12:27

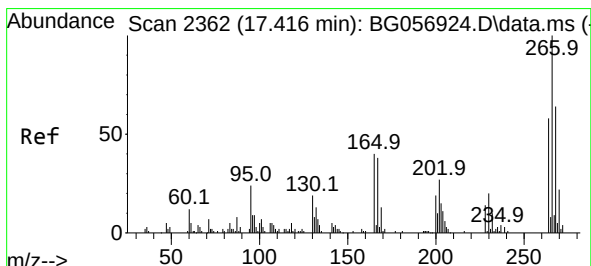
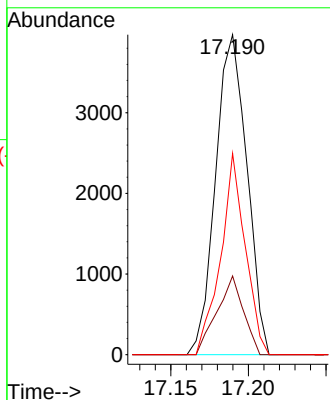
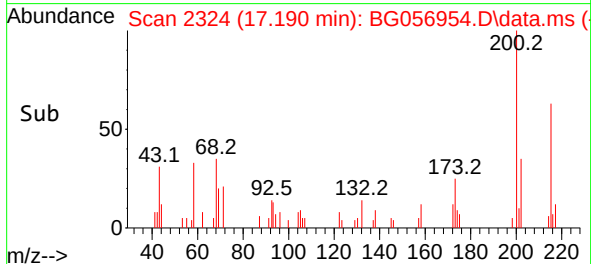
Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT1-2023



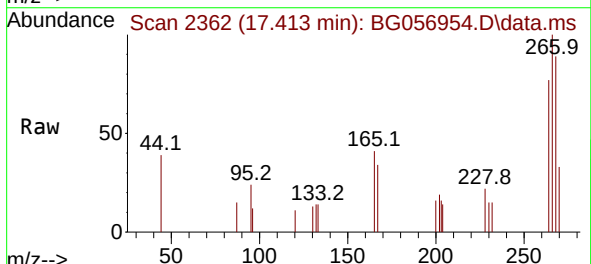
Tgt Ion:200 Resp: 5560
 Ion Ratio Lower Upper
 200 100
 173 24.6 1.0 41.0
 215 62.9 25.0 65.0

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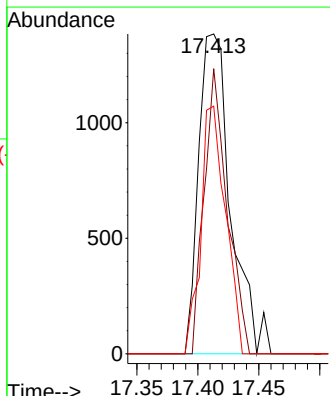
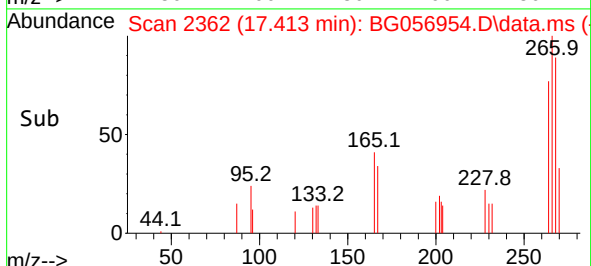
Reviewed By :Christian Giraldo 04/04/2023
 Supervised By :Jagrut Upadhyay 04/05/2023

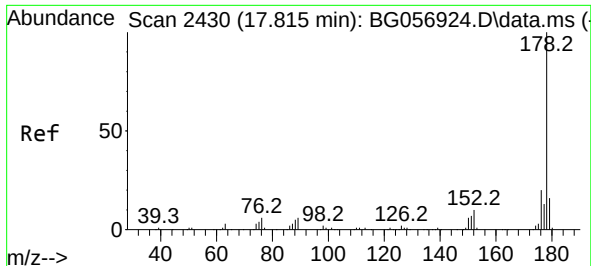


#70
 Pentachlorophenol
 Concen: 2.192 ng
 RT: 17.413 min Scan# 2362
 Delta R.T. -0.002 min
 Lab File: BG056954.D
 Acq: 3 Apr 2023 12:27



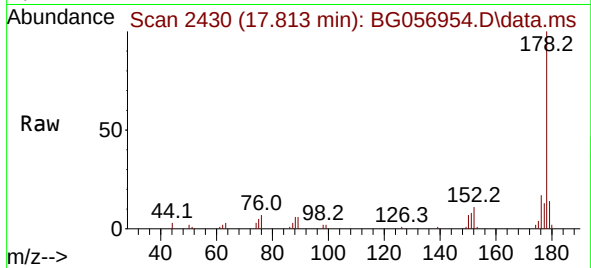
Tgt Ion:266 Resp: 2544
 Ion Ratio Lower Upper
 266 100
 268 89.2 51.0 76.6#
 264 77.5 46.8 70.2#





#71
Phenanthrene
Concen: 3.813 ng
RT: 17.813 min Scan# 2430
Delta R.T. -0.002 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

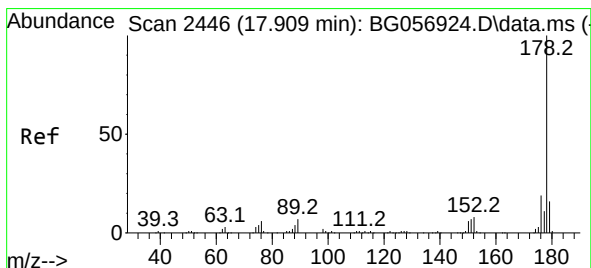
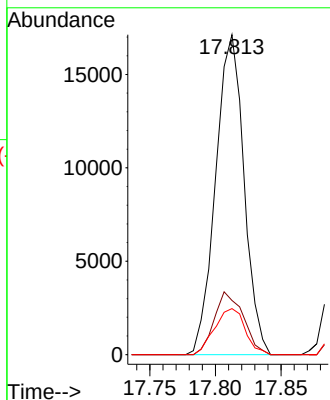
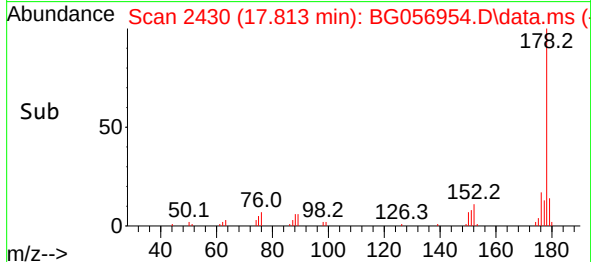
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2023



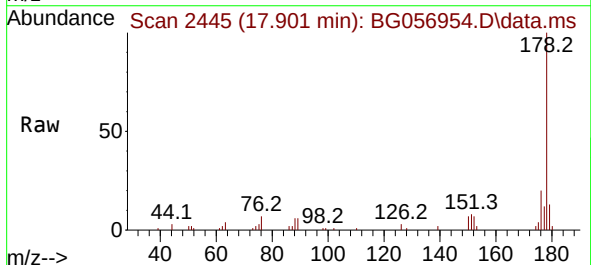
Tgt Ion:178 Resp: 25704
Ion Ratio Lower Upper
178 100
176 16.9 16.2 24.2
179 14.4 12.5 18.7

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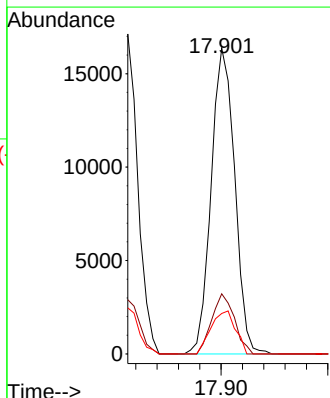
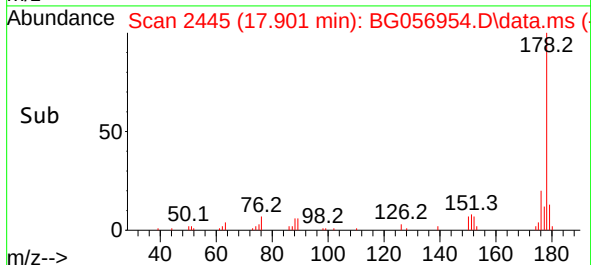
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/05/2023

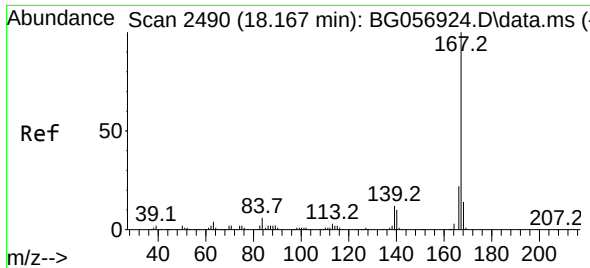


#72
Anthracene
Concen: 3.632 ng
RT: 17.901 min Scan# 2445
Delta R.T. -0.008 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27



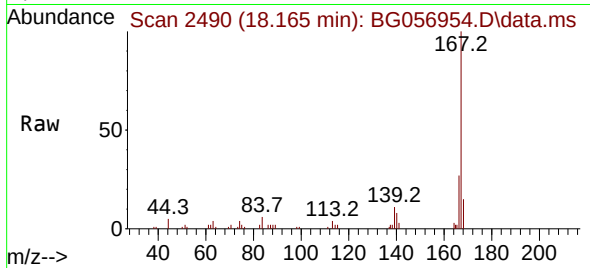
Tgt Ion:178 Resp: 25098
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.2
179 13.2 12.4 18.6





#73
 Carbazole
 Concen: 3.769 ng
 RT: 18.165 min Scan# 2490
 Delta R.T. -0.002 min
 Lab File: BG056954.D
 Acq: 3 Apr 2023 12:27

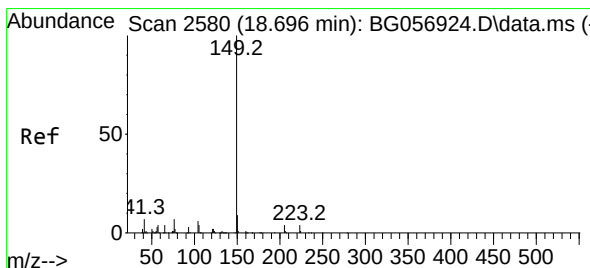
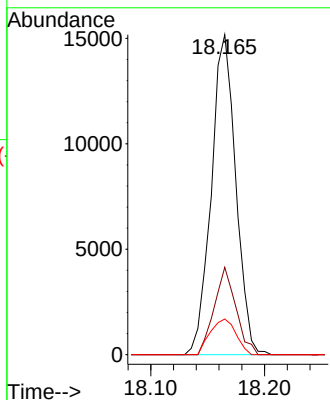
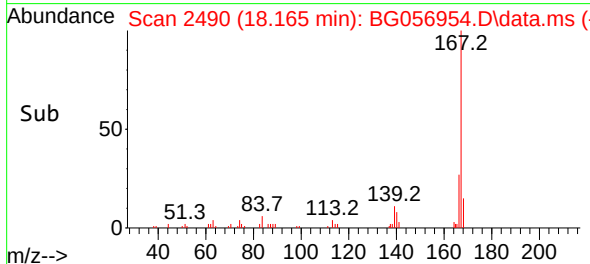
Instrument : BNA_G
 ClientSampleId :
 MDL-WATER-03-QT1-2023



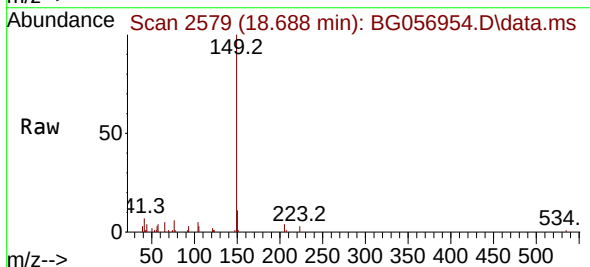
Tgt Ion:167 Resp: 22709
 Ion Ratio Lower Upper
 167 100
 166 27.3 17.9 26.9
 139 11.1 9.5 14.3

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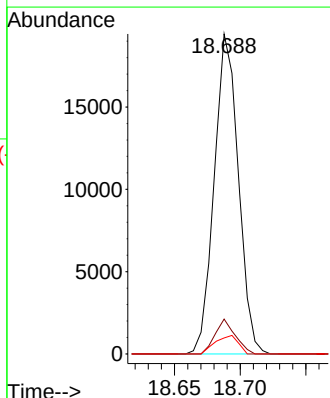
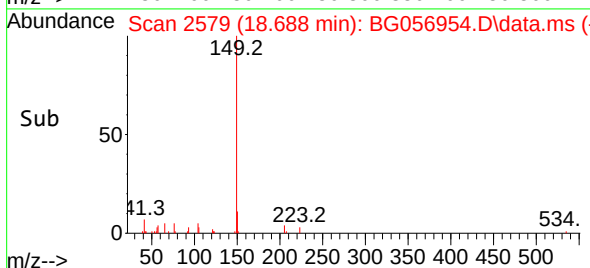
Reviewed By :Christian Giraldo 04/04/2023
 Supervised By :Jagrut Upadhyay 04/05/2023

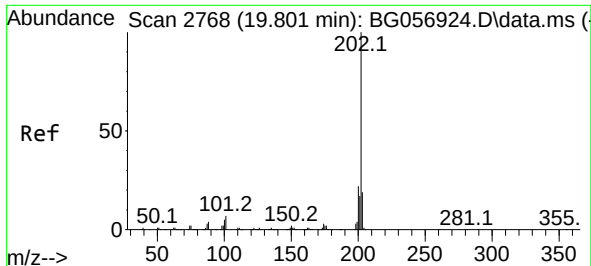


#74
 Di-n-butylphthalate
 Concen: 3.559 ng
 RT: 18.688 min Scan# 2579
 Delta R.T. -0.008 min
 Lab File: BG056954.D
 Acq: 3 Apr 2023 12:27



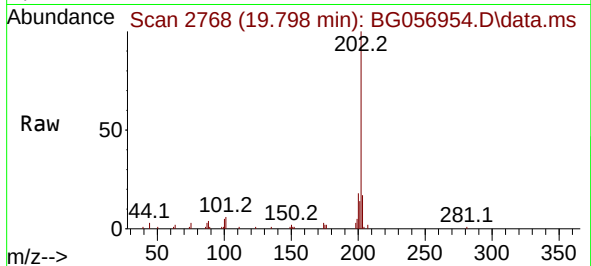
Tgt Ion:149 Resp: 24834
 Ion Ratio Lower Upper
 149 100
 150 10.9 7.4 11.0
 104 5.0 4.9 7.3





#75
Fluoranthene
Concen: 3.746 ng
RT: 19.798 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

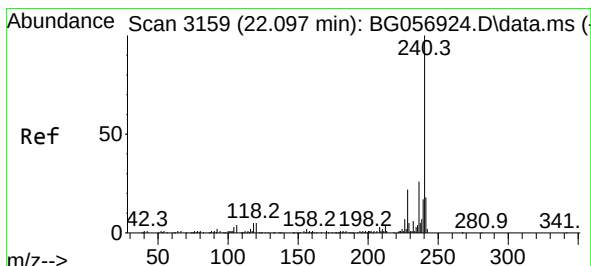
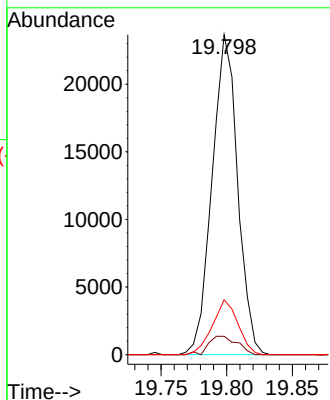
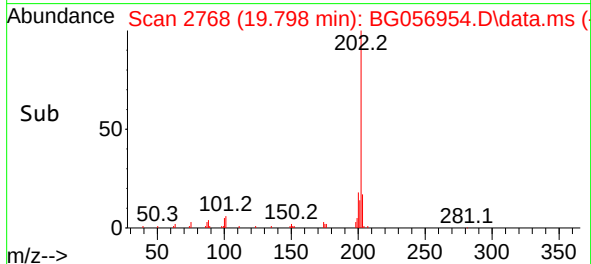
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion:202 Resp: 3201
Ion Ratio Lower Upper
202 100
101 5.8 0.0 26.7
203 17.1 0.0 39.0

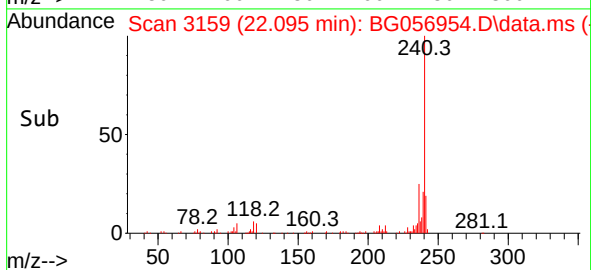
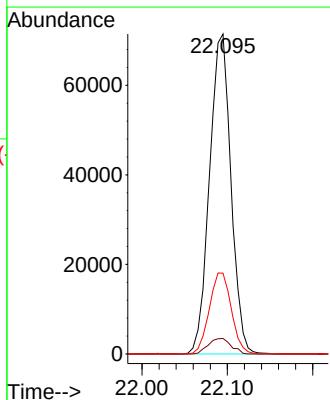
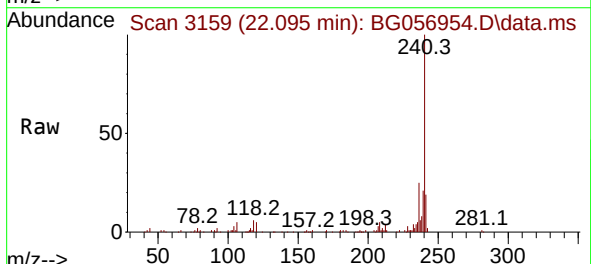
Manual Integrations
APPROVED

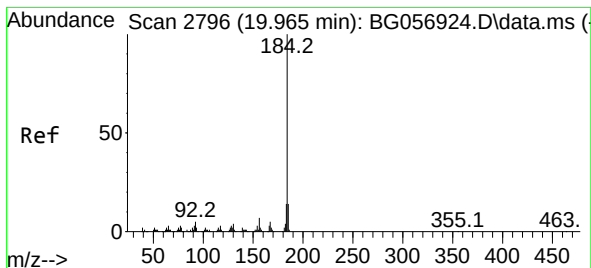
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.095 min Scan# 3159
Delta R.T. -0.002 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

Tgt Ion:240 Resp: 124784
Ion Ratio Lower Upper
240 100
120 4.8 3.8 5.6
236 25.3 21.0 31.6





#77

Benzidine

Concen: 4.610 ng m

RT: 19.963 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG056954.D

Acq: 3 Apr 2023 12:27

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT1-2023

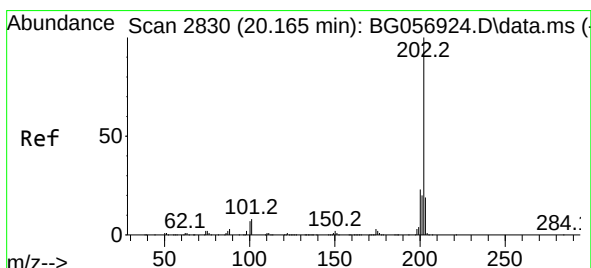
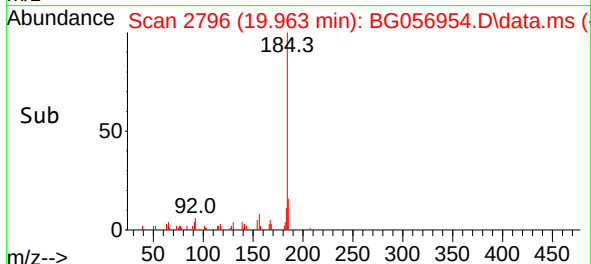
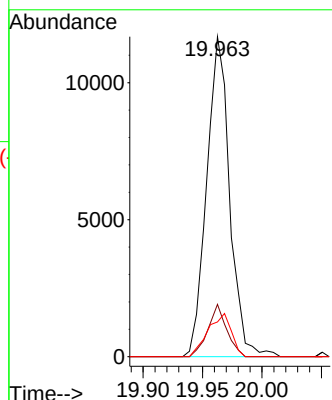
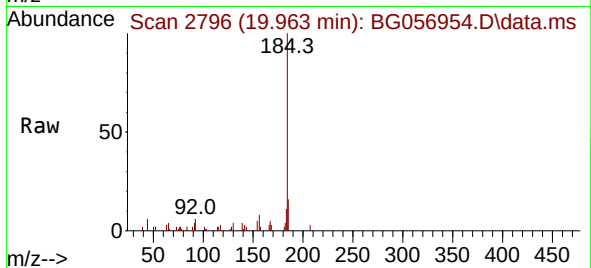
Tgt Ion:184 Resp: 1572

Ion	Ratio	Lower	Upper
184	100		
185	16.4	11.0	16.4
183	10.8	11.4	17.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#78

Pyrene

Concen: 3.632 ng

RT: 20.156 min Scan# 2829

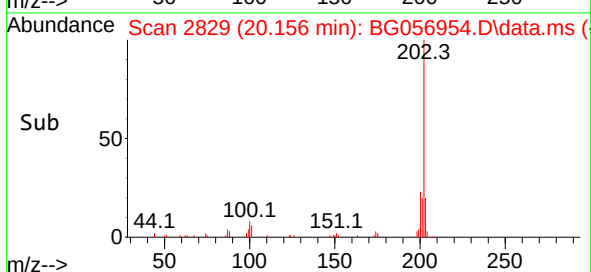
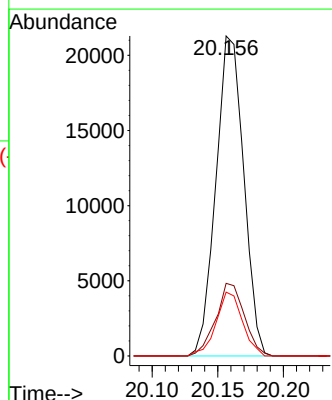
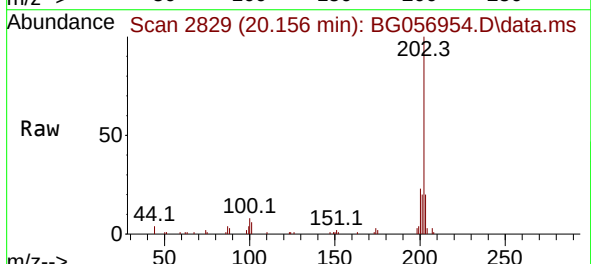
Delta R.T. -0.008 min

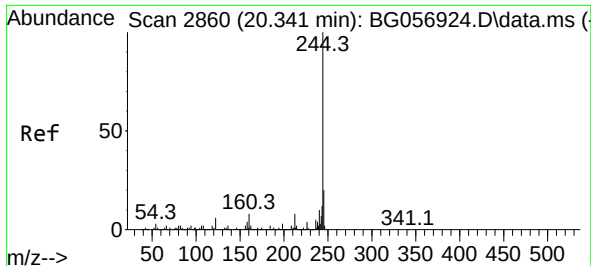
Lab File: BG056954.D

Acq: 3 Apr 2023 12:27

Tgt Ion:202 Resp: 31348

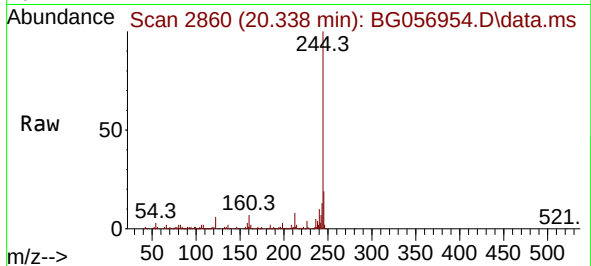
Ion	Ratio	Lower	Upper
202	100		
200	22.7	18.7	28.1
203	20.0	15.4	23.2





#79
Terphenyl-d14
Concen: 79.185 ng
RT: 20.338 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

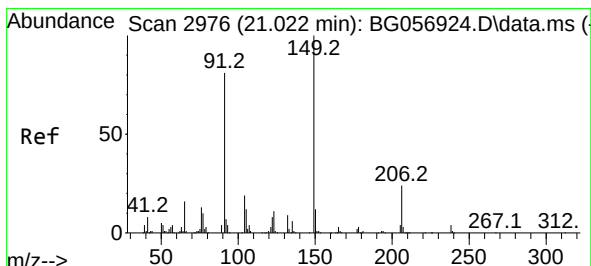
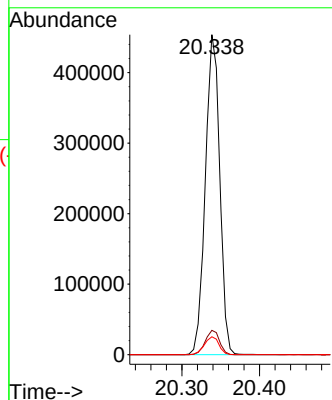
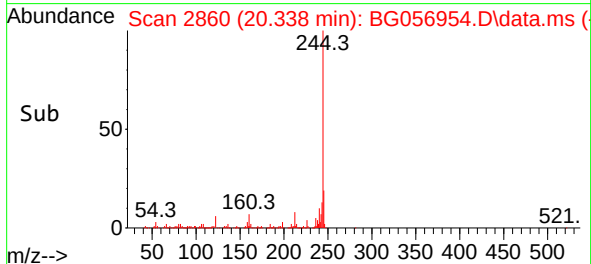
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion:244 Resp: 58393
Ion Ratio Lower Upper
244 100
212 7.6 6.1 9.1
122 5.6 5.0 7.4

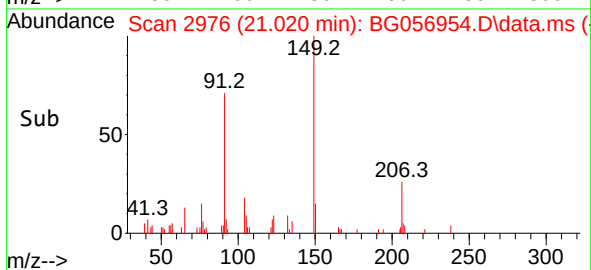
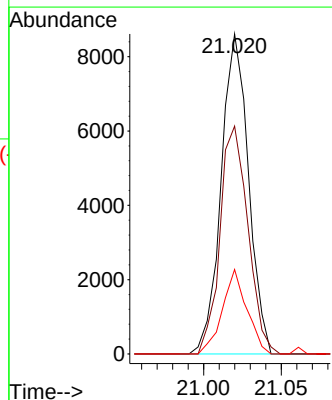
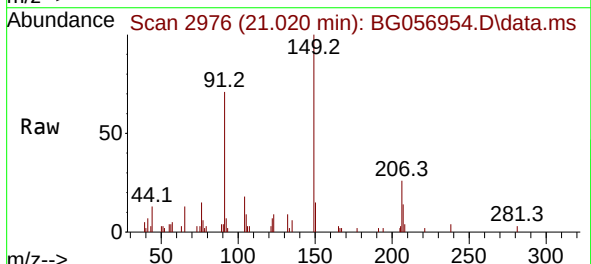
Manual Integrations
APPROVED

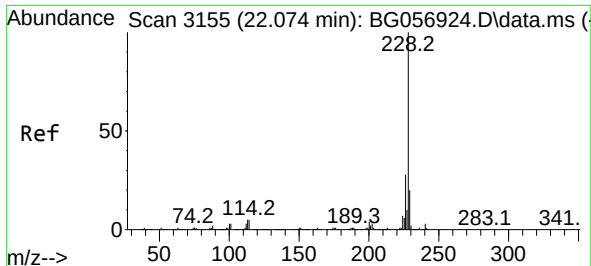
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#80
Butylbenzylphthalate
Concen: 3.548 ng
RT: 21.020 min Scan# 2976
Delta R.T. -0.002 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

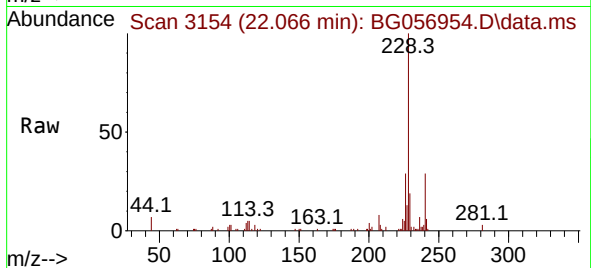
Tgt Ion:149 Resp: 10536
Ion Ratio Lower Upper
149 100
91 71.2 64.4 96.6
206 26.4 18.9 28.3





#81
Benzo(a)anthracene
Concen: 3.787 ng
RT: 22.066 min Scan# 3155
Delta R.T. -0.008 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

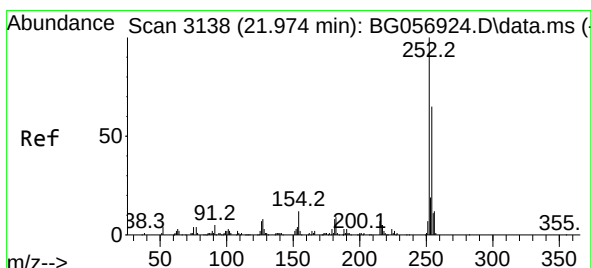
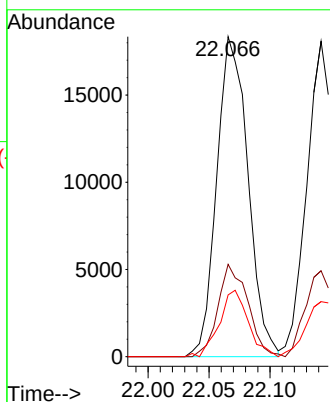
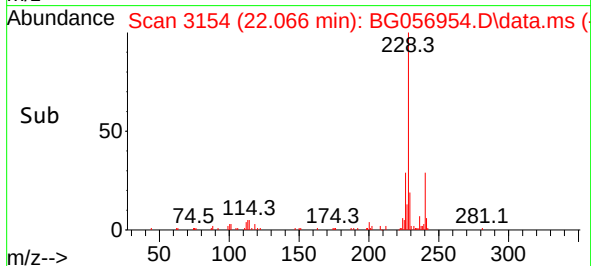
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion:228 Resp: 3270
Ion Ratio Lower Upper
228 100
226 28.8 22.1 33.1
229 19.3 16.1 24.1

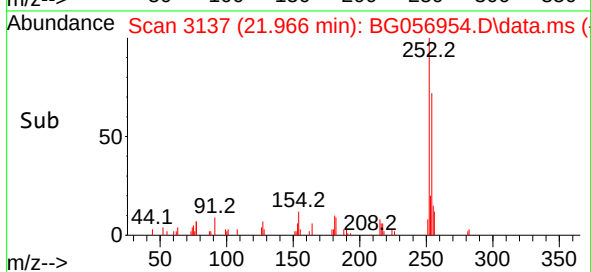
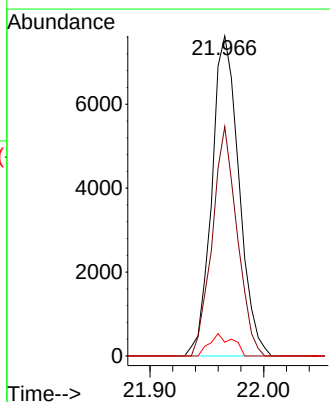
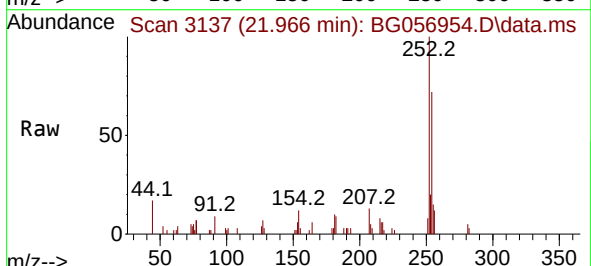
Manual Integrations
APPROVED

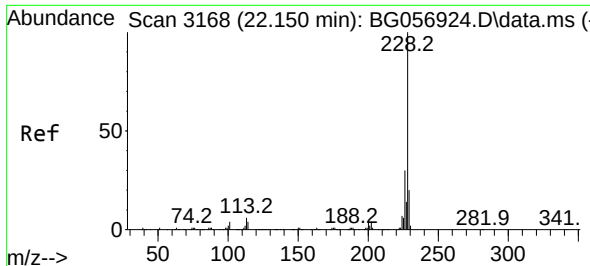
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#82
3,3'-Dichlorobenzidine
Concen: 4.342 ng
RT: 21.966 min Scan# 3137
Delta R.T. -0.008 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

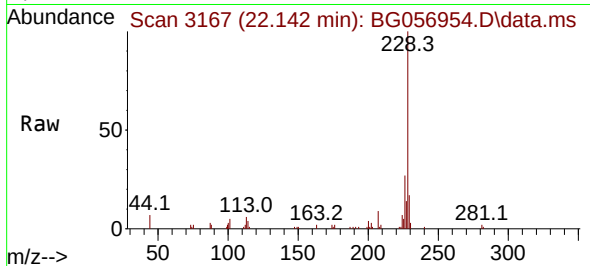
Tgt Ion:252 Resp: 12660
Ion Ratio Lower Upper
252 100
254 71.7 51.7 77.5
126 4.3 5.6 8.4





#83
Chrysene
Concen: 3.704 ng
RT: 22.142 min Scan# 3168
Delta R.T. -0.008 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

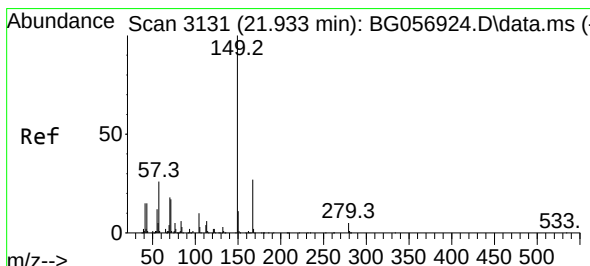
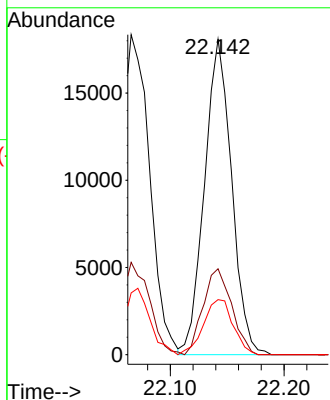
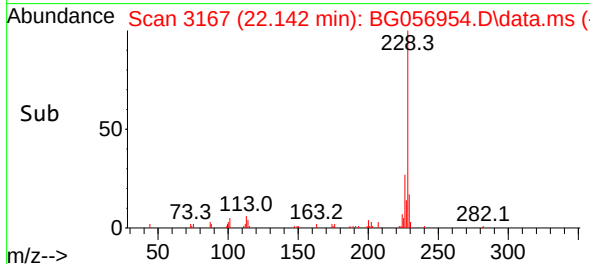
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2023



Tgt Ion:228 Resp: 29940
Ion Ratio Lower Upper
228 100
226 27.2 24.1 36.1
229 17.4 15.6 23.4

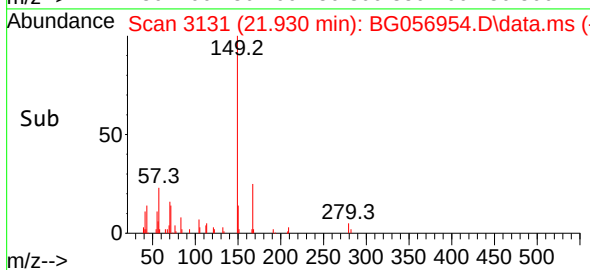
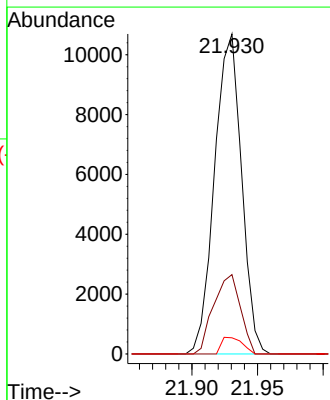
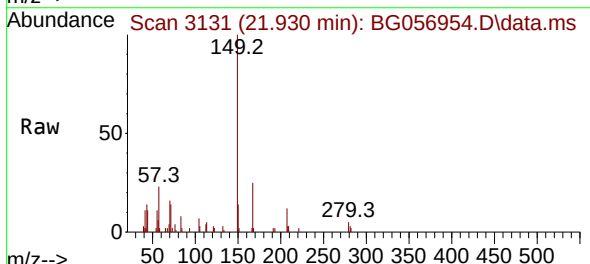
Manual Integrations
APPROVED

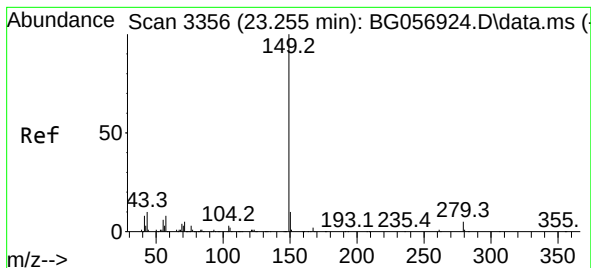
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.548 ng
RT: 21.930 min Scan# 3131
Delta R.T. -0.002 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

Tgt Ion:149 Resp: 15258
Ion Ratio Lower Upper
149 100
167 24.8 21.4 32.2
279 5.0 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 3.456 ng

RT: 23.246 min Scan# 31

Delta R.T. -0.008 min

Lab File: BG056954.D

Acq: 3 Apr 2023 12:27

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT1-2023

Tgt Ion:149 Resp: 25050

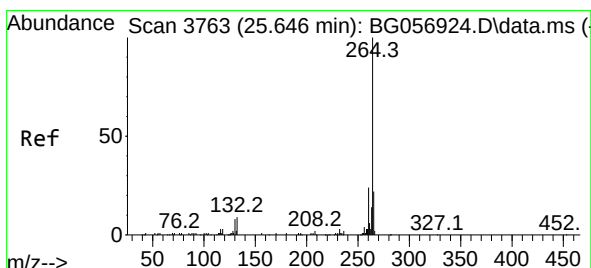
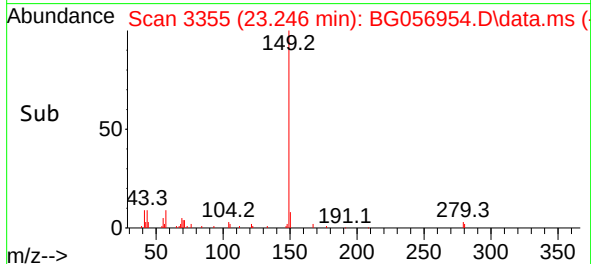
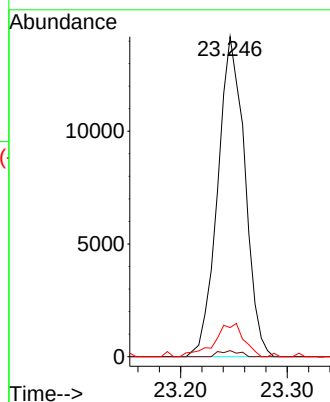
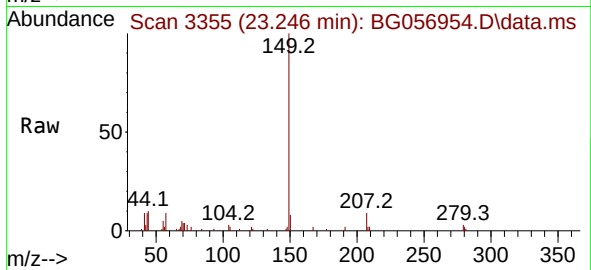
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	11.2	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/04/2023

Supervised By :Jagrut Upadhyay 04/05/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.637 min Scan# 3762

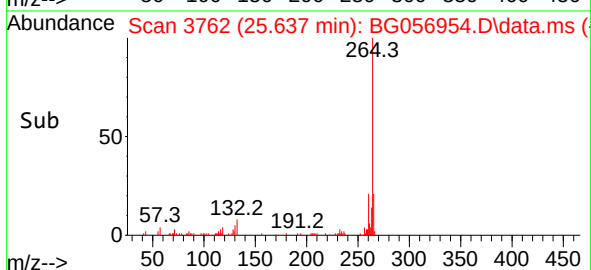
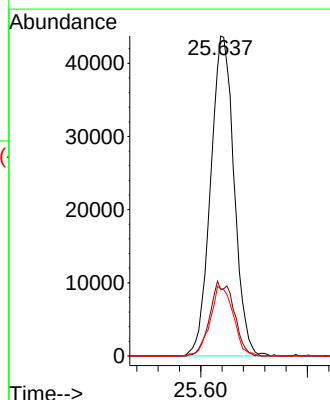
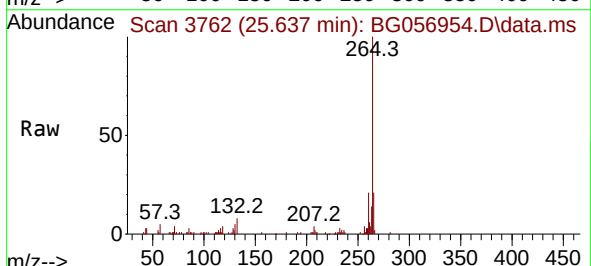
Delta R.T. -0.008 min

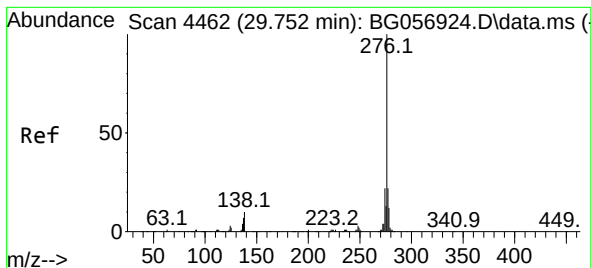
Lab File: BG056954.D

Acq: 3 Apr 2023 12:27

Tgt Ion:264 Resp: 133226

Ion	Ratio	Lower	Upper
264	100		
260	20.8	19.0	28.4
265	21.0	17.8	26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.670 ng m

RT: 29.726 min Scan# 4462

Delta R.T. -0.026 min

Lab File: BG056954.D

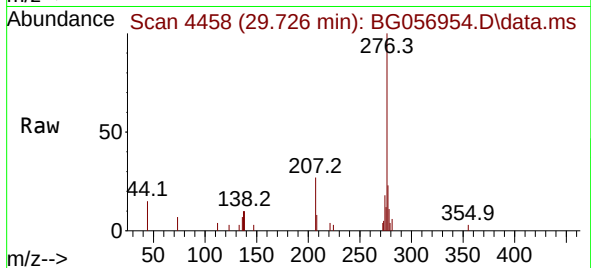
Acq: 3 Apr 2023 12:27

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT1-2023



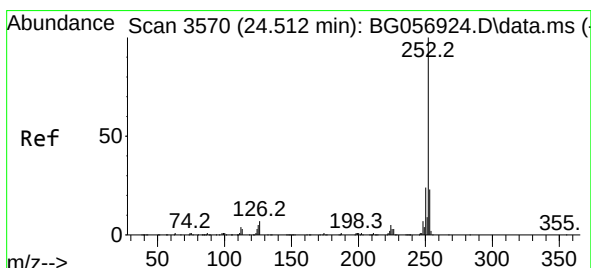
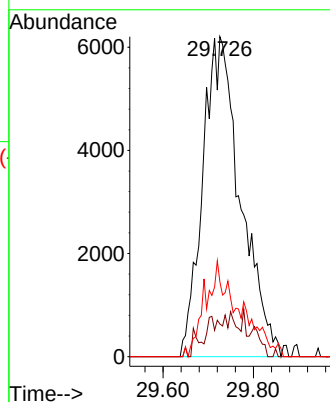
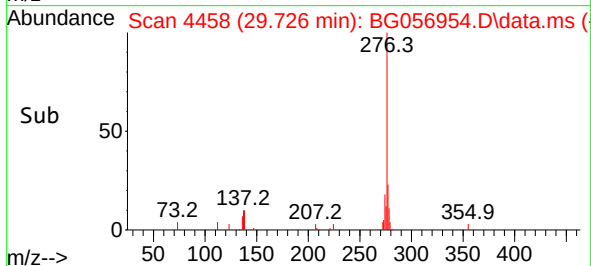
Tgt Ion:	276	Resp:	3613
Ion Ratio	Lower	Upper	
276	100		
138	1.5	7.7	11.5
277	6.8	21.0	31.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/04/2023

Supervised By :Jagrut Upadhyay 04/05/2023



#88

Benzo(b)fluoranthene

Concen: 3.950 ng

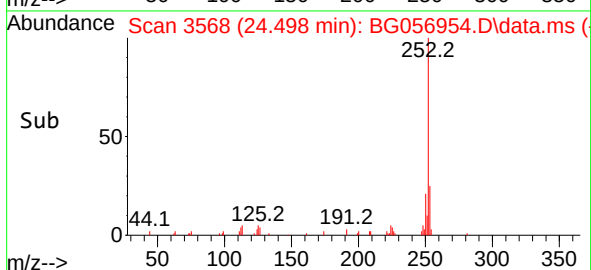
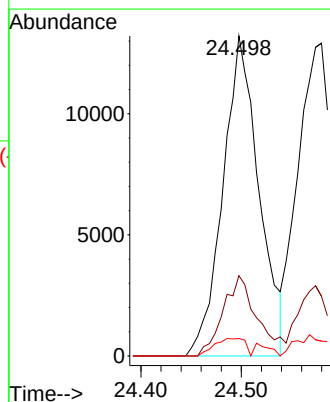
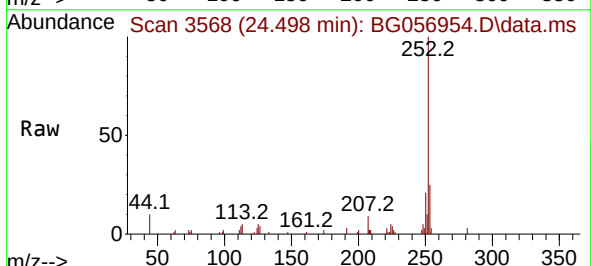
RT: 24.498 min Scan# 3568

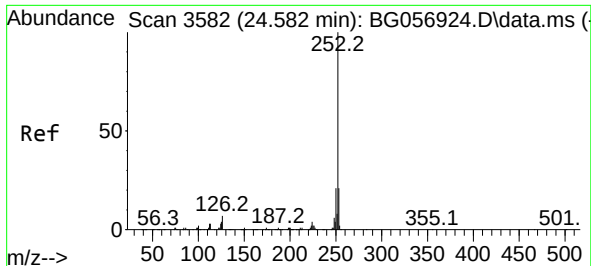
Delta R.T. -0.014 min

Lab File: BG056954.D

Acq: 3 Apr 2023 12:27

Tgt Ion:	252	Resp:	32909
Ion Ratio	Lower	Upper	
252	100		
253	25.1	18.1	27.1
125	5.5	4.2	6.4





#89

Benzo(k)fluoranthene

Concen: 3.948 ng

RT: 24.580 min Scan# 3

Delta R.T. -0.002 min

Lab File: BG056954.D

Acq: 3 Apr 2023 12:27

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT1-2023

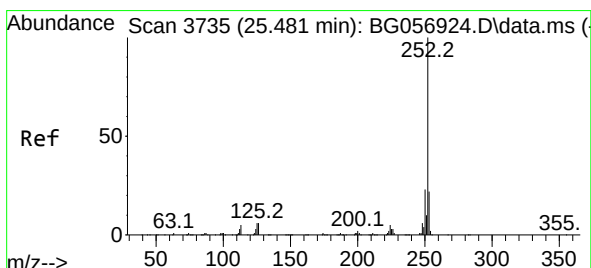
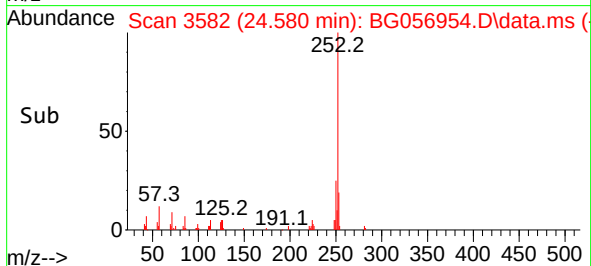
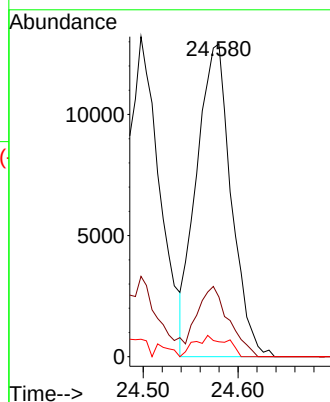
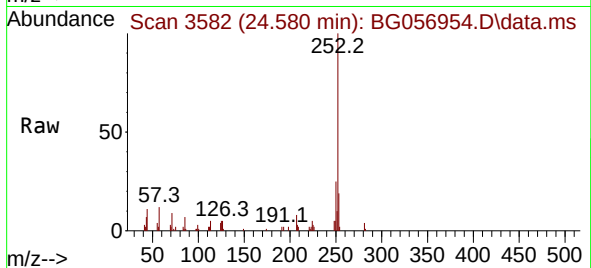
Tgt Ion:	252	Resp:	32840
Ion Ratio	Lower	Upper	
252	100		
253	19.1	17.1	25.7
125	4.7	3.8	5.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/04/2023

Supervised By :Jagrut Upadhyay 04/05/2023



#90

Benzo(a)pyrene

Concen: 3.479 ng

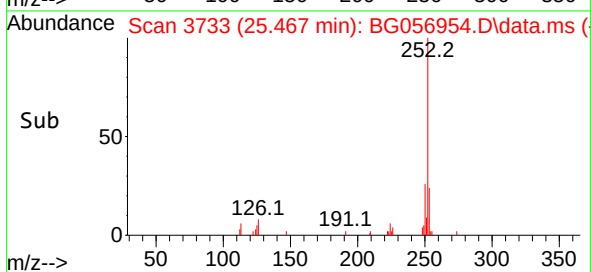
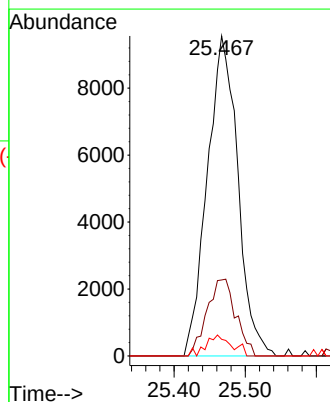
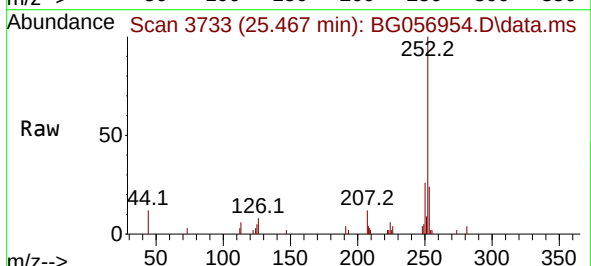
RT: 25.467 min Scan# 3733

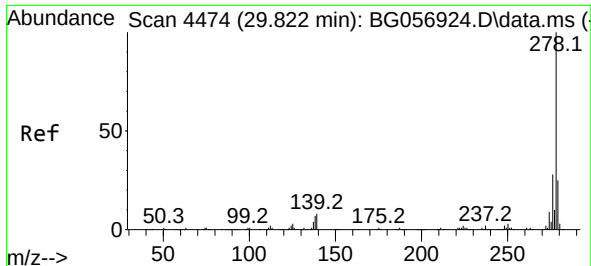
Delta R.T. -0.014 min

Lab File: BG056954.D

Acq: 3 Apr 2023 12:27

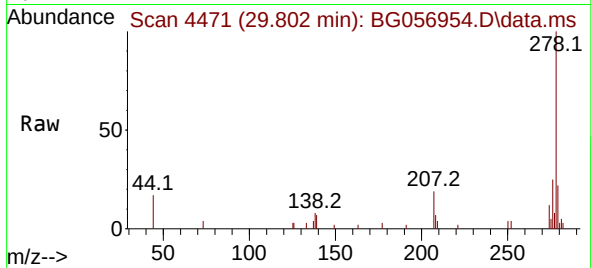
Tgt Ion:	252	Resp:	28480
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.6	26.4
125	5.2	4.5	6.7





#91
Dibenzo(a,h)anthracene
Concen: 3.965 ng
RT: 29.802 min Scan# 4474
Delta R.T. -0.020 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27

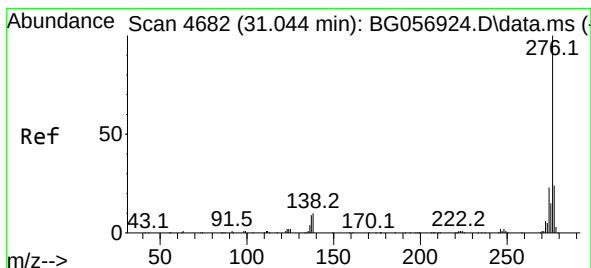
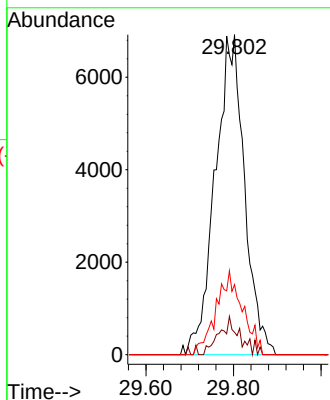
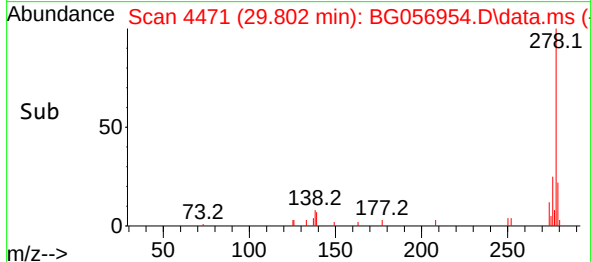
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2023



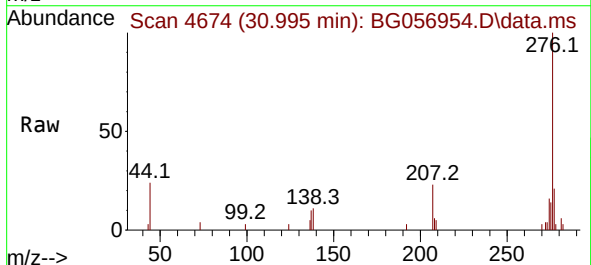
Tgt Ion:278 Resp: 3209
Ion Ratio Lower Upper
278 100
139 7.0 6.4 9.6
279 21.9 20.2 30.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/05/2023



#92
Benzo(g,h,i)perylene
Concen: 3.847 ng
RT: 30.995 min Scan# 4674
Delta R.T. -0.049 min
Lab File: BG056954.D
Acq: 3 Apr 2023 12:27



Tgt Ion:276 Resp: 30490
Ion Ratio Lower Upper
276 100
277 20.8 19.1 28.7
138 11.3 8.2 12.2

