

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051923\
 Data File : BG057465.D
 Acq On : 19 May 2023 13:11
 Operator : CG/JU
 Sample : 02213-09
 Misc : MDL-MDL-WATER 4ppm
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: May 20 07:03:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 20 04:19:55 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.355	152	19074	20.000	ng	0.00
21) Naphthalene-d8	11.192	136	73290	20.000	ng	0.00
39) Acenaphthene-d10	14.975	164	58615	20.000	ng	0.00
64) Phenanthrene-d10	17.713	188	151764	20.000	ng	0.00
76) Chrysene-d12	22.019	240	143116	20.000	ng	0.00
86) Perylene-d12	25.520	264	149976	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.870	112	105451	94.571	ng	0.00
7) Phenol-d6	7.497	99	156765	92.583	ng	0.00
23) Nitrobenzene-d5	9.536	82	115812	66.322	ng	0.00
42) 2,4,6-Tribromophenol	16.456	330	91176	109.628	ng	0.00
45) 2-Fluorobiphenyl	13.601	172	314482	72.259	ng	0.00
79) Terphenyl-d14	20.280	244	590629	67.348	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.673	88	1621	3.516	ng	87
4) n-Nitrosodimethylamine	4.008	42	1977	2.839	ng	# 81
6) Aniline	7.674	93	6719	3.128	ng	94
8) 2-Chlorophenol	7.914	128	4026	3.417	ng	96
10) Phenol	7.527	94	5440	3.296	ng	90
11) bis(2-Chloroethyl)ether	7.756	93	3950	3.174	ng	97
12) 1,3-Dichlorobenzene	8.243	146	4758	3.659	ng	91
13) 1,4-Dichlorobenzene	8.396	146	4627	3.542	ng	98
14) 1,2-Dichlorobenzene	8.719	146	4268m	3.385	ng	
15) Benzyl Alcohol	8.596	79	3692	2.617	ng	88
16) 2,2'-oxybis(1-Chloropr...	8.878	45	4550	2.900	ng	98
17) 2-Methylphenol	8.801	107	3815	3.206	ng	# 81
18) Hexachloroethane	9.459	117	1509	3.201	ng	83
19) n-Nitroso-di-n-propyla...	9.154	70	3896	3.018	ng	# 91
20) 3+4-Methylphenols	9.124	107	5118	3.141	ng	93
22) Acetophenone	9.183	105	7490	3.571	ng	# 95
24) Nitrobenzene	9.583	77	5496	3.118	ng	95
25) Isophorone	10.094	82	10010	2.956	ng	96
26) 2-Nitrophenol	10.299	139	2240	3.320	ng	# 80
27) 2,4-Dimethylphenol	10.341	122	3754	3.178	ng	92
28) bis(2-Chloroethoxy)met...	10.570	93	5841	3.443	ng	98
29) 2,4-Dichlorophenol	10.846	162	4483	3.578	ng	87
30) 1,2,4-Trichlorobenzene	11.051	180	5319	3.681	ng	# 79
31) Naphthalene	11.245	128	14009	3.575	ng	98
33) 4-Chloroaniline	11.357	127	5846	3.322	ng	# 86
34) Hexachlorobutadiene	11.515	225	3780	3.525	ng	91
35) Caprolactam	12.091	113	1227	2.867	ng	# 82
36) 4-Chloro-3-methylphenol	12.444	107	4660	3.273	ng	95
37) 2-Methylnaphthalene	12.825	142	10616	3.446	ng	92
38) 1-Methylnaphthalene	13.043	142	10451m	3.599	ng	
40) 1,2,4,5-Tetrachloroben...	13.190	216	7595	3.650	ng	94
41) Hexachlorocyclopentadiene	13.154	237	433	6.694	ng	91
43) 2,4,6-Trichlorophenol	13.425	196	4151	3.274	ng	92
44) 2,4,5-Trichlorophenol	13.513	196	4370	2.930	ng	98
46) 1,1'-Biphenyl	13.806	154	15933	3.663	ng	95
47) 2-Chloronaphthalene	13.859	162	11903	3.680	ng	93

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Manual Integrations APPROVED

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 Supervised By :Jagrut Upadhyay 05/22/2023

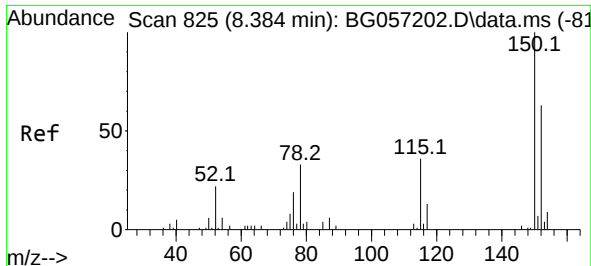
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 2-Nitroaniline	14.059	65	3316	3.015	ng	86
49) Acenaphthylene	14.699	152	18959	3.608	ng	98
50) Dimethylphthalate	14.406	163	16696	3.466	ng	# 95
51) 2,6-Dinitrotoluene	14.535	165	3478	3.537	ng	# 82
52) Acenaphthene	15.034	154	11572	3.524	ng	97
53) 3-Nitroaniline	14.876	138	3196	3.244	ng	# 83
55) Dibenzofuran	15.369	168	19848	3.598	ng	99
56) 4-Nitrophenol	15.210	139	1366	2.085	ng	# 67
57) 2,4-Dinitrotoluene	15.334	165	4702	3.345	ng	# 88
58) Fluorene	16.015	166	16643	3.662	ng	91
59) 2,3,4,6-Tetrachlorophenol	15.598	232	4483	3.316	ng	# 89
60) Diethylphthalate	15.751	149	16588	3.391	ng	97
61) 4-Chlorophenyl-phenyle...	15.992	204	9949	3.634	ng	93
62) 4-Nitroaniline	16.027	138	3133	3.152	ng	# 75
63) Azobenzene	16.285	77	14693	3.113	ng	95
65) 4,6-Dinitro-2-methylph...	16.103	198	1831	2.021	ng	98
66) n-Nitrosodiphenylamine	16.203	169	14275	3.463	ng	94
67) 4-Bromophenyl-phenylether	16.885	248	6434	3.473	ng	97
68) Hexachlorobenzene	17.020	284	7079	3.932	ng	97
69) Atrazine	17.131	200	5849	3.720	ng	95
71) Phenanthrene	17.754	178	28250	3.633	ng	97
72) Anthracene	17.848	178	28427	3.562	ng	98
73) Carbazole	18.112	167	23560	3.507	ng	98
74) Di-n-butylphthalate	18.629	149	25950	3.357	ng	# 98
75) Fluoranthene	19.745	202	33670	3.481	ng	99
77) Benzidine	19.916	184	14266	4.459	ng	98
78) Pyrene	20.104	202	34985	3.364	ng	99
80) Butylbenzylphthalate	20.956	149	10783	3.268	ng	93
81) Benzo(a)anthracene	21.995	228	34599	3.393	ng	97
82) 3,3'-Dichlorobenzidine	21.895	252	12899	3.949	ng	98
83) Chrysene	22.066	228	33354	3.477	ng	96
84) Bis(2-ethylhexyl)phtha...	21.843	149	15570	3.189	ng	99
85) Di-n-octyl phthalate	23.135	149	26713	3.282	ng	98
87) Indeno(1,2,3-cd)pyrene	29.550	276	36892	3.375	ng	# 76
88) Benzo(b)fluoranthene	24.392	252	34605	3.530	ng	99
89) Benzo(k)fluoranthene	24.463	252	35135m	3.527	ng	
90) Benzo(a)pyrene	25.350	252	30227	3.156	ng	97
91) Dibenzo(a,h)anthracene	29.609	278	31845	3.498	ng	98
92) Benzo(g,h,i)perylene	30.836	276	30400	3.420	ng	95

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

Manual Integrations

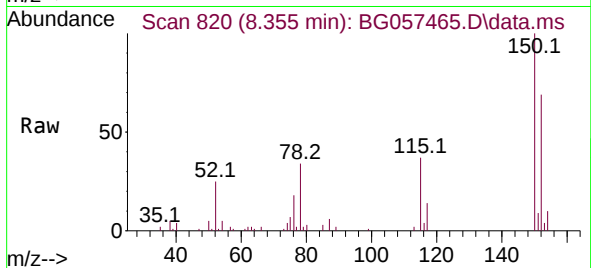
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jaqrut Upadhyay 05/22/2023

[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.355 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG057465.D
Acq: 19 May 2023 13:11

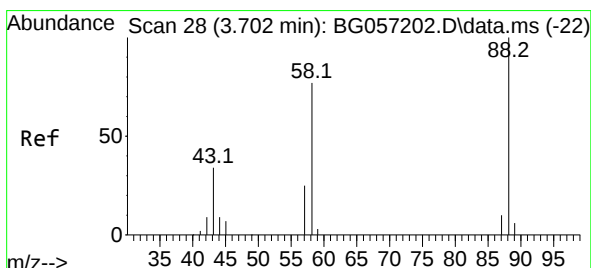
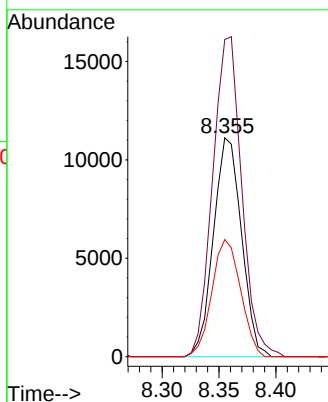
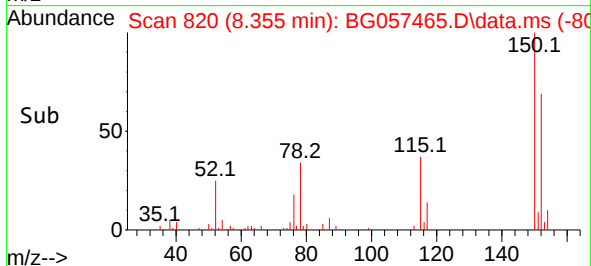
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion:152 Resp: 19074
Ion Ratio Lower Upper
152 100
150 144.8 126.2 189.4
115 53.5 45.0 67.4

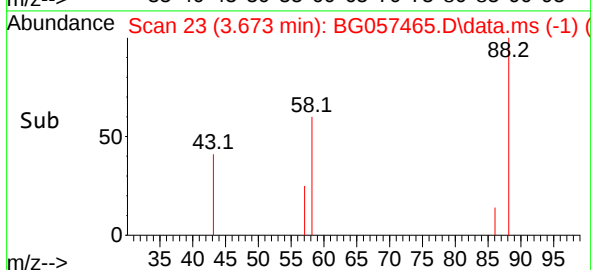
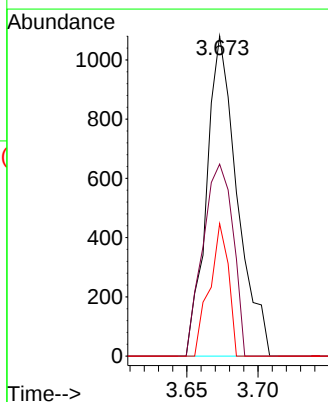
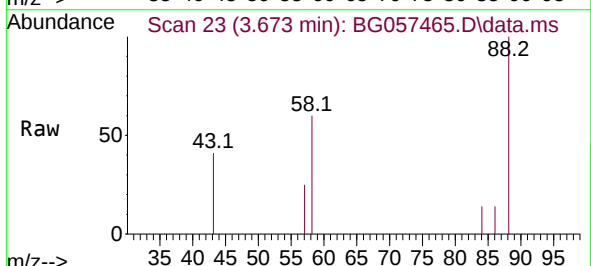
Manual Integrations
APPROVED

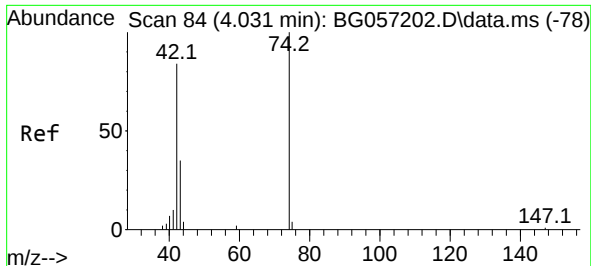
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#2
1,4-Dioxane
Concen: 3.516 ng
RT: 3.673 min Scan# 23
Delta R.T. -0.001 min
Lab File: BG057465.D
Acq: 19 May 2023 13:11

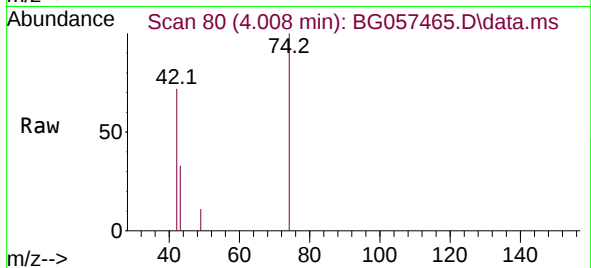
Tgt Ion: 88 Resp: 1621
Ion Ratio Lower Upper
88 100
58 58.9 57.1 85.7
43 25.5 24.4 36.6





#4
n-Nitrosodimethylamine
Concen: 2.839 ng
RT: 4.008 min Scan# 80
Delta R.T. -0.001 min
Lab File: BG057465.D
Acq: 19 May 2023 13:11

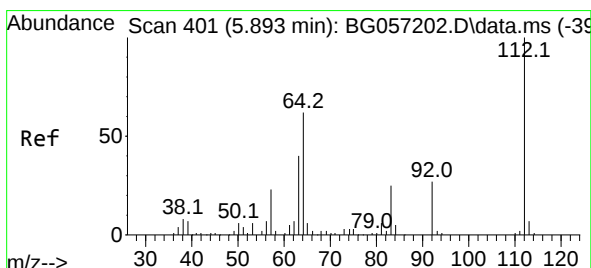
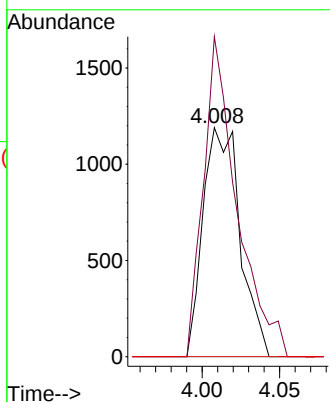
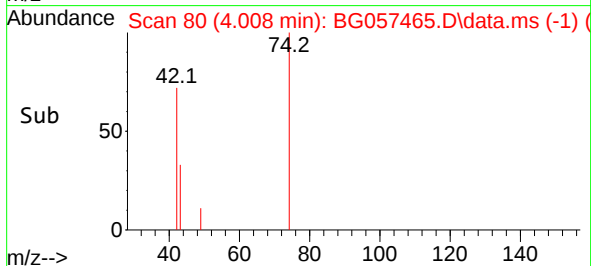
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion: 42 Resp: 197
Ion Ratio Lower Upper
42 100
74 139.7 95.1 142.7
44 0.0 5.8 8.8

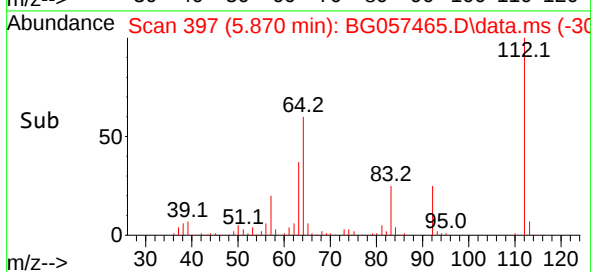
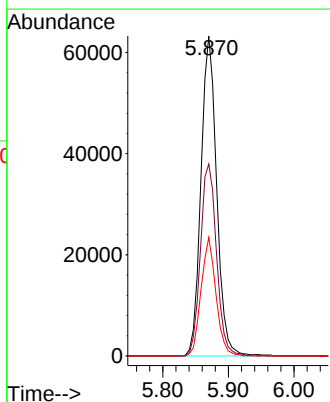
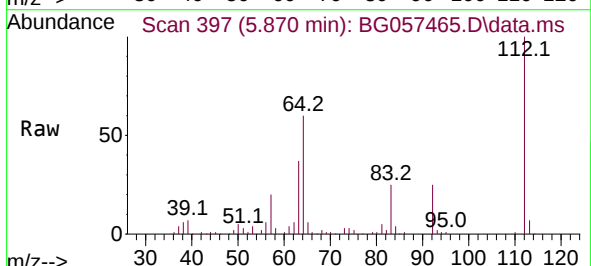
Manual Integrations
APPROVED

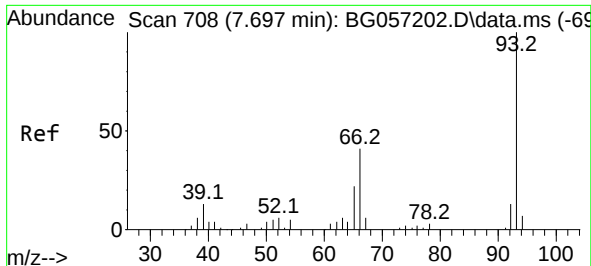
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#5
2-Fluorophenol
Concen: 94.571 ng
RT: 5.870 min Scan# 397
Delta R.T. -0.001 min
Lab File: BG057465.D
Acq: 19 May 2023 13:11

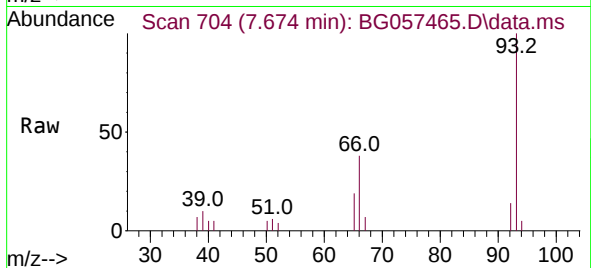
Tgt Ion:112 Resp: 105451
Ion Ratio Lower Upper
112 100
64 60.0 49.4 74.2
63 37.0 31.6 47.4





#6
Aniline
Concen: 3.128 ng
RT: 7.674 min Scan# 708
Delta R.T. -0.001 min
Lab File: BG057465.D
Acq: 19 May 2023 13:11

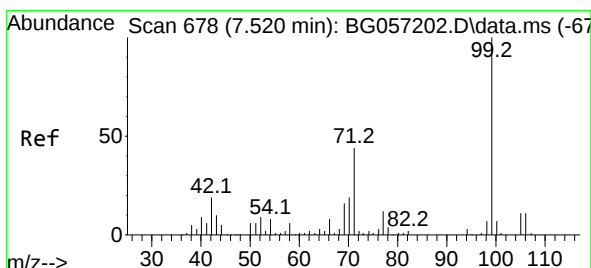
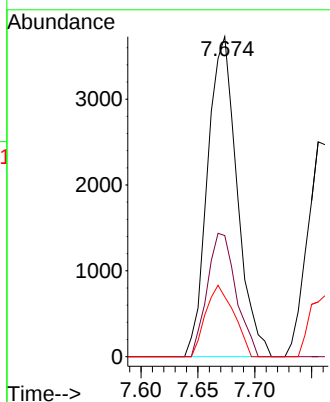
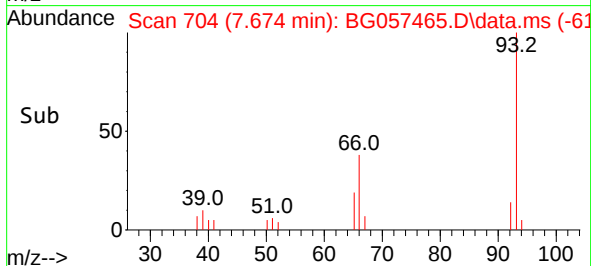
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion: 93 Resp: 6719
Ion Ratio Lower Upper
93 100
66 37.8 33.0 49.6
65 18.7 18.0 27.0

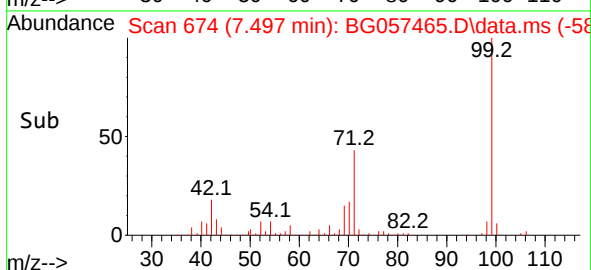
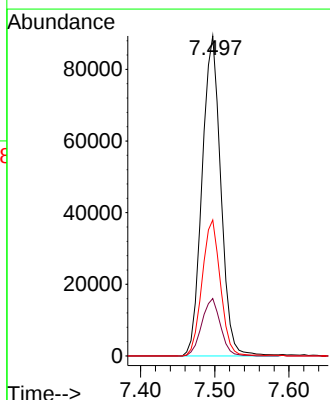
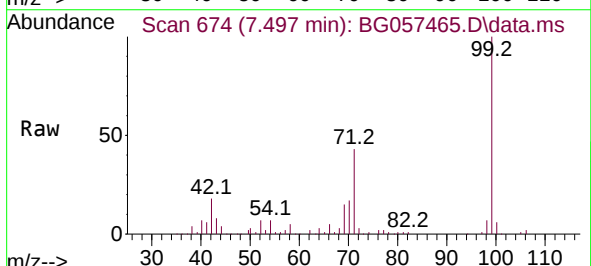
Manual Integrations
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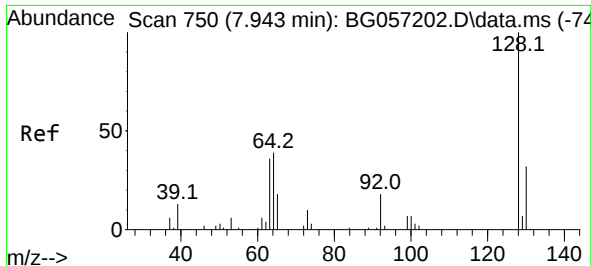
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#7
Phenol-d6
Concen: 92.583 ng
RT: 7.497 min Scan# 674
Delta R.T. -0.001 min
Lab File: BG057465.D
Acq: 19 May 2023 13:11

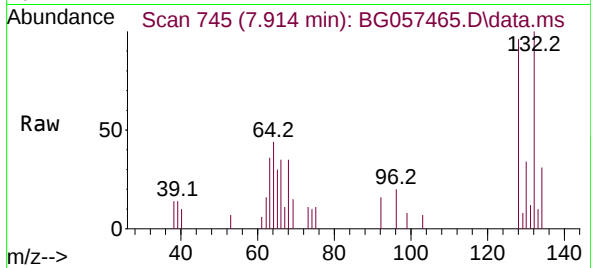
Tgt Ion: 99 Resp: 156765
Ion Ratio Lower Upper
99 100
42 17.9 15.1 22.7
71 42.5 35.2 52.8





#8
2-Chlorophenol
Concen: 3.417 ng
RT: 7.914 min Scan# 74
Delta R.T. -0.007 min
Lab File: BG057465.D
Acq: 19 May 2023 13:11

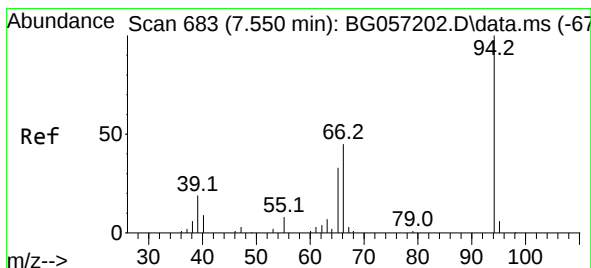
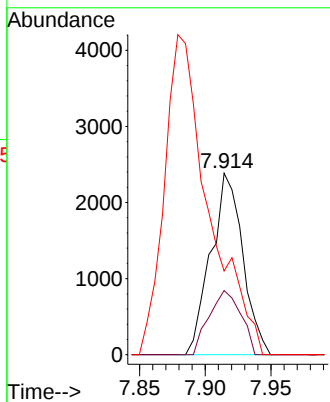
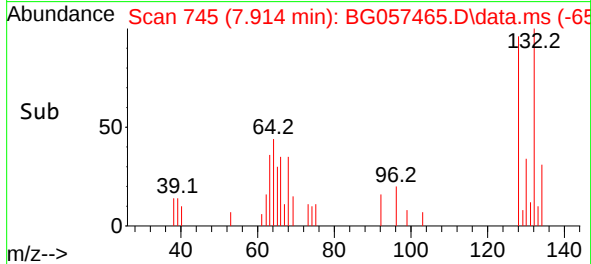
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion:128 Resp: 4020
Ion Ratio Lower Upper
128 100
130 35.4 12.2 52.2
64 46.2 28.4 68.4

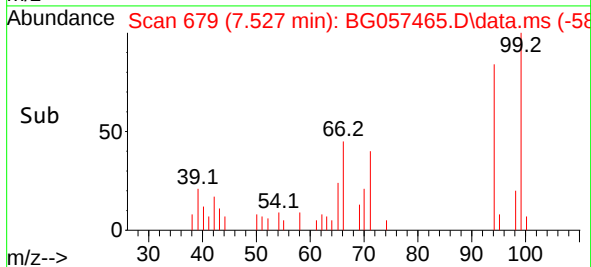
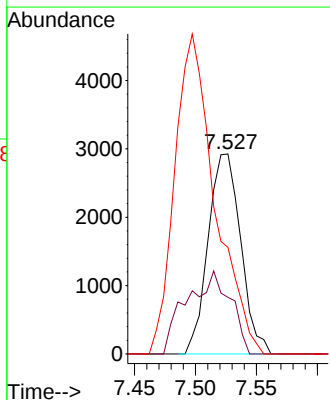
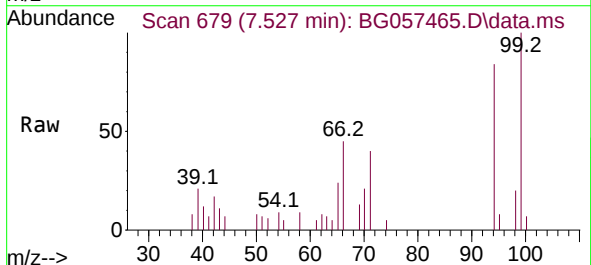
Manual Integrations
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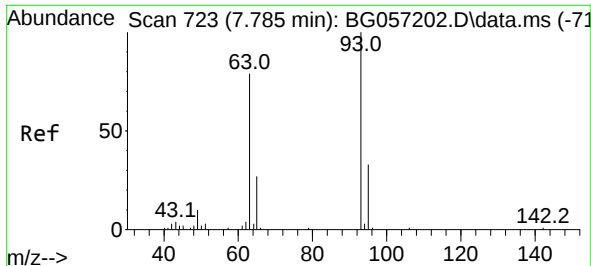
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#10
Phenol
Concen: 3.296 ng
RT: 7.527 min Scan# 679
Delta R.T. -0.001 min
Lab File: BG057465.D
Acq: 19 May 2023 13:11

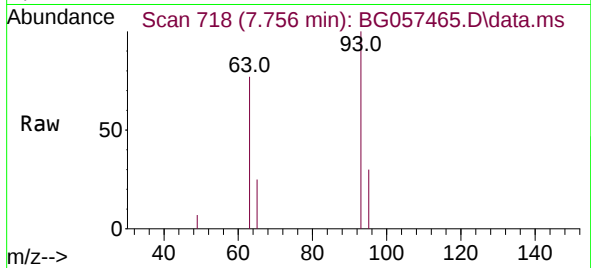
Tgt Ion: 94 Resp: 5440
Ion Ratio Lower Upper
94 100
65 28.3 13.5 53.5
66 53.3 26.7 66.7





#11
bis(2-Chloroethyl)ether
Concen: 3.174 ng
RT: 7.756 min Scan# 718
Delta R.T. -0.007 min
Lab File: BG057465.D
Acq: 19 May 2023 13:11

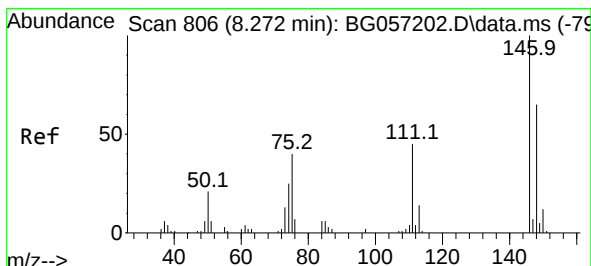
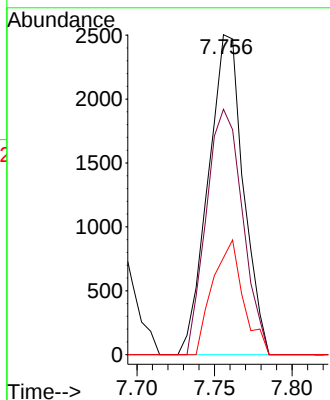
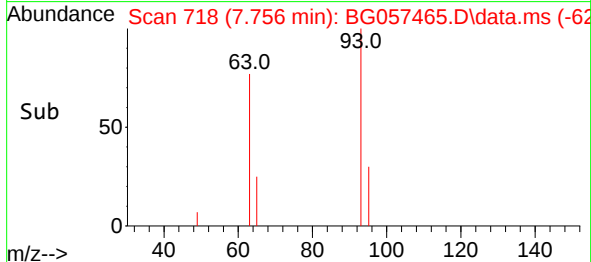
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT2-2023



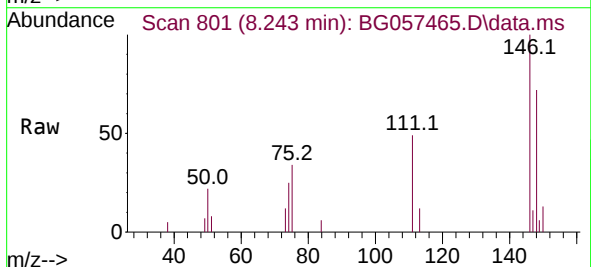
Tgt Ion: 93 Resp: 3950
Ion Ratio Lower Upper
93 100
63 76.7 58.6 98.6
95 30.3 12.2 52.2

Manual Integrations
APPROVED

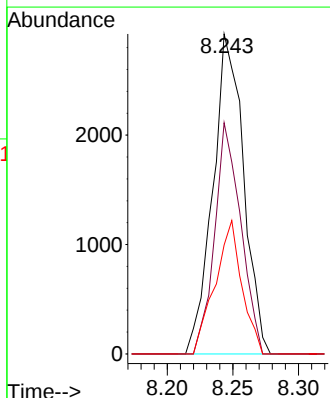
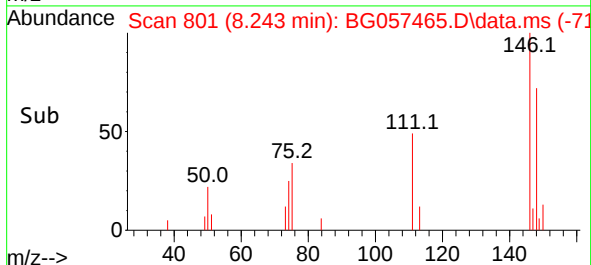
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023

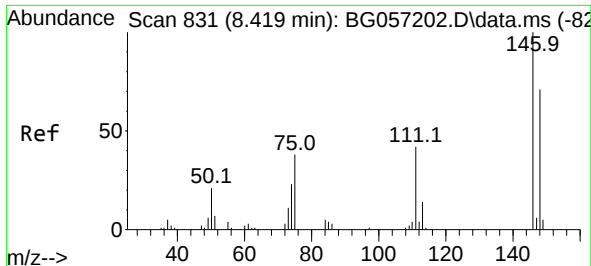


#12
1,3-Dichlorobenzene
Concen: 3.659 ng
RT: 8.243 min Scan# 801
Delta R.T. -0.007 min
Lab File: BG057465.D
Acq: 19 May 2023 13:11



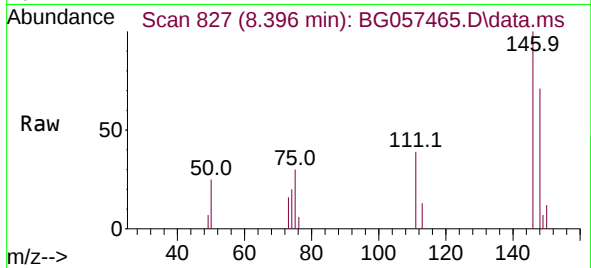
Tgt Ion:146 Resp: 4758
Ion Ratio Lower Upper
146 100
148 72.3 52.2 78.2
75 34.1 31.7 47.5





#13
1,4-Dichlorobenzene
Concen: 3.542 ng
RT: 8.396 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG057465.D
Acq: 19 May 2023 13:11

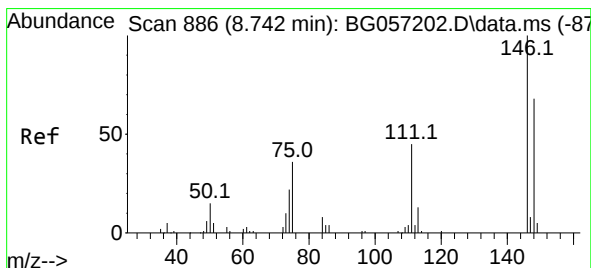
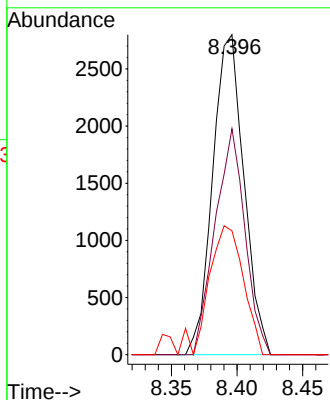
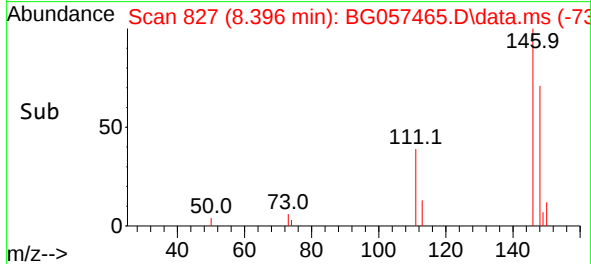
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion:146 Resp: 462
Ion Ratio Lower Upper
146 100
148 70.6 56.4 84.6
111 38.7 33.8 50.6

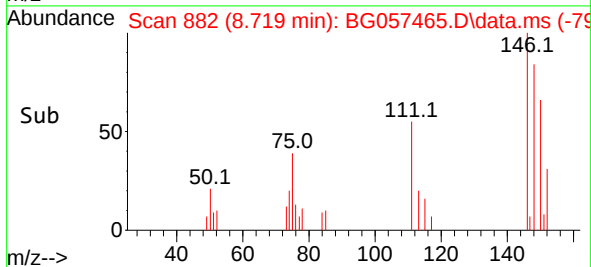
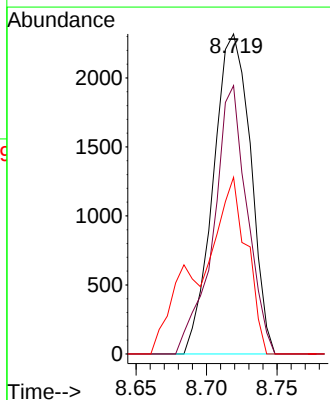
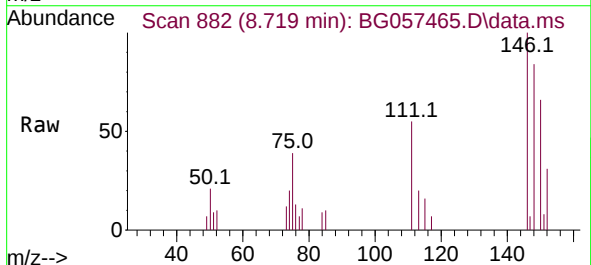
Manual Integrations
APPROVED

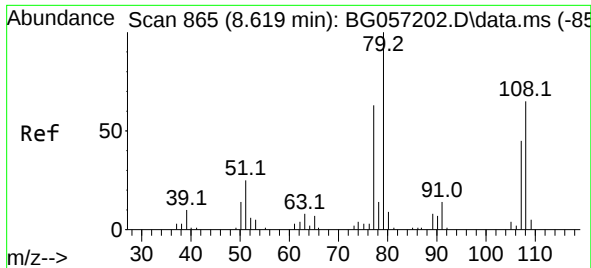
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#14
1,2-Dichlorobenzene
Concen: 3.385 ng m
RT: 8.719 min Scan# 882
Delta R.T. -0.001 min
Lab File: BG057465.D
Acq: 19 May 2023 13:11

Tgt Ion:146 Resp: 4268
Ion Ratio Lower Upper
146 100
148 83.8 54.6 82.0#
111 55.2 37.2 55.8





#15
Benzyl Alcohol
Concen: 2.617 ng
RT: 8.596 min Scan# 80
Delta R.T. -0.001 min
Lab File: BG057465.D
Acq: 19 May 2023 13:11

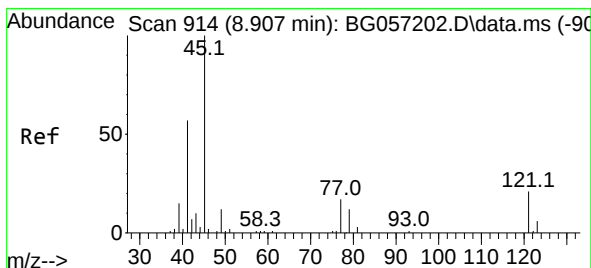
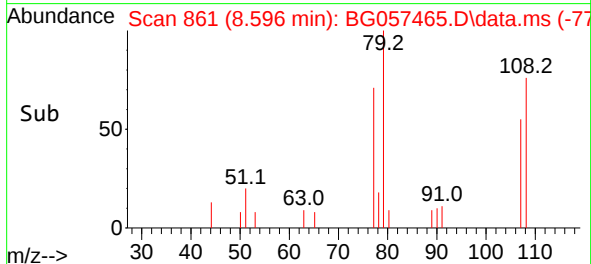
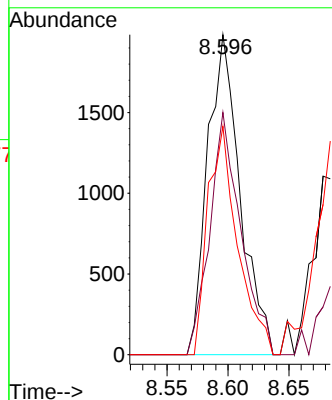
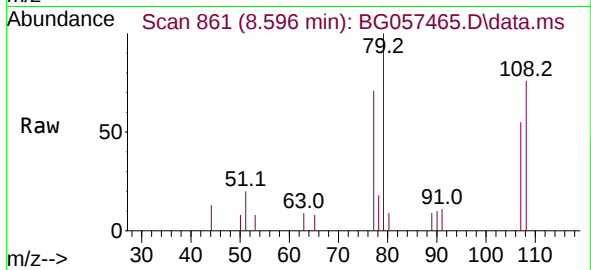
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2023

Tgt Ion: 79 Resp: 3692

Ion	Ratio	Lower	Upper
79	100		
108	75.7	52.2	78.2
77	71.3	50.1	75.1

Manual Integrations
APPROVED

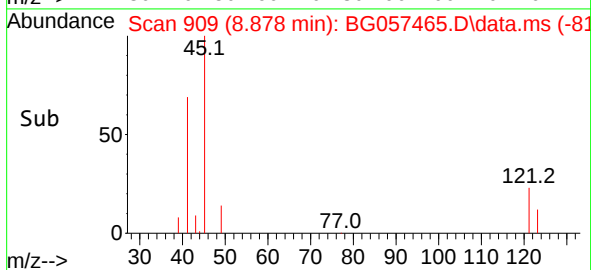
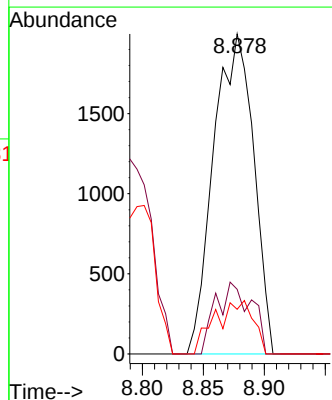
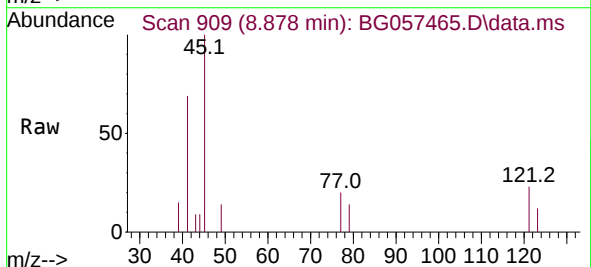
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023

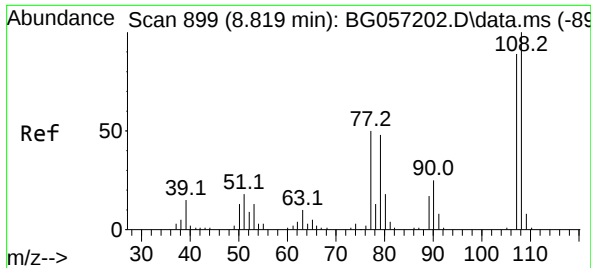


#16
2,2'-oxybis(1-Chloropropane)
Concen: 2.900 ng
RT: 8.878 min Scan# 909
Delta R.T. -0.001 min
Lab File: BG057465.D
Acq: 19 May 2023 13:11

Tgt Ion: 45 Resp: 4550

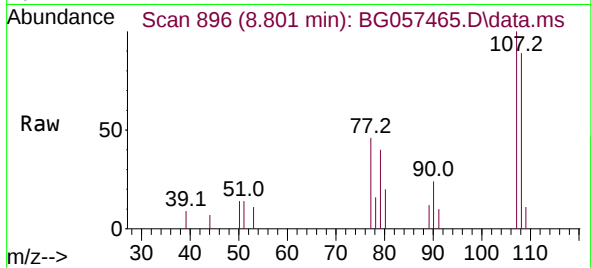
Ion	Ratio	Lower	Upper
45	100		
77	20.2	0.0	38.5
79	14.0	0.0	33.8





#17
2-Methylphenol
Concen: 3.206 ng
RT: 8.801 min Scan# 899
Delta R.T. 0.005 min
Lab File: BG057465.D
Acq: 19 May 2023 13:11

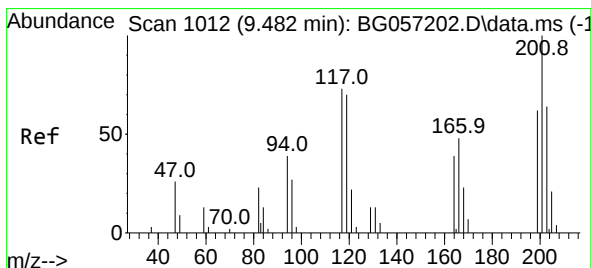
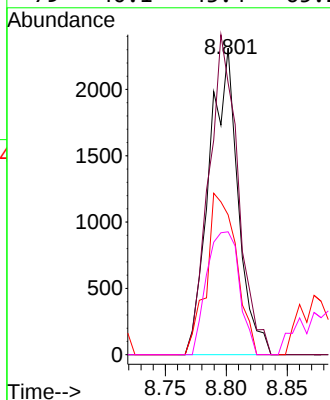
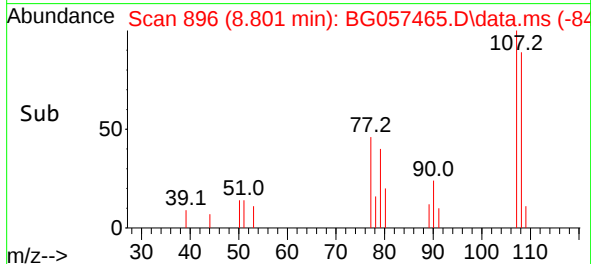
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2023



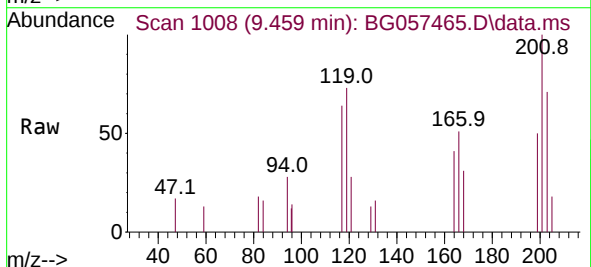
Tgt Ion:107 Resp: 381
Ion Ratio Lower Upper
107 100
108 88.7 89.5 134.3
77 45.6 45.1 67.7
79 40.1 43.4 65.2#

Manual Integrations
APPROVED

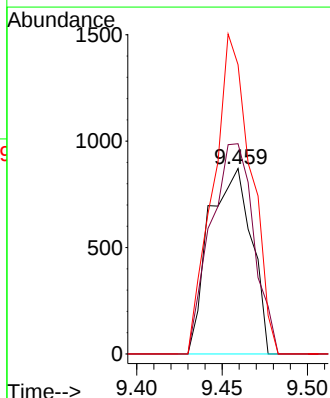
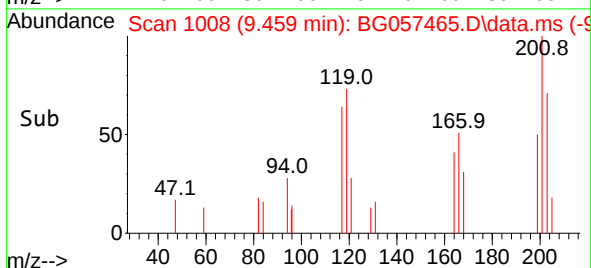
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023

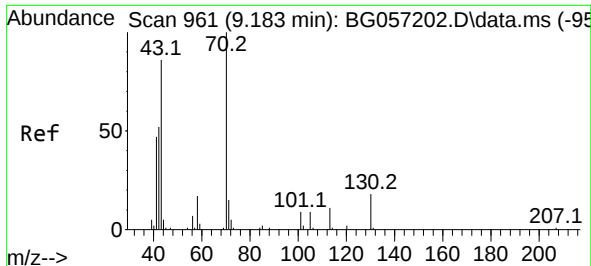


#18
Hexachloroethane
Concen: 3.201 ng
RT: 9.459 min Scan# 1008
Delta R.T. 0.005 min
Lab File: BG057465.D
Acq: 19 May 2023 13:11



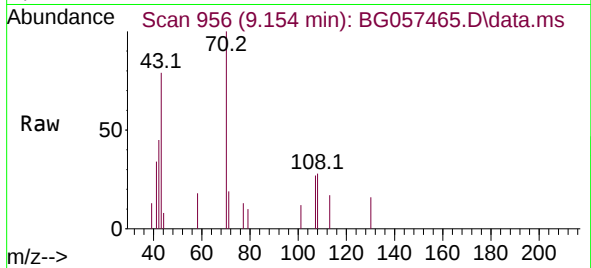
Tgt Ion:117 Resp: 1509
Ion Ratio Lower Upper
117 100
119 113.3 76.7 115.1
201 156.0 109.0 163.4





#19
n-Nitroso-di-n-propylamine
Concen: 3.018 ng
RT: 9.154 min Scan# 911
Delta R.T. -0.007 min
Lab File: BG057465.D
Acq: 19 May 2023 13:11

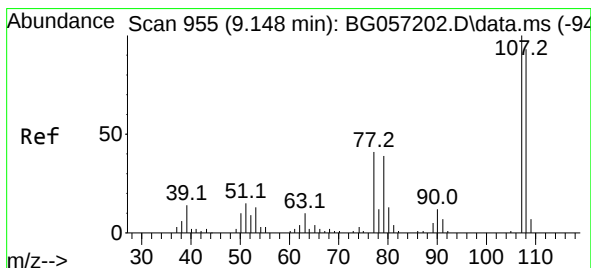
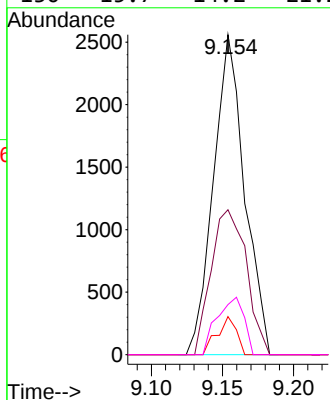
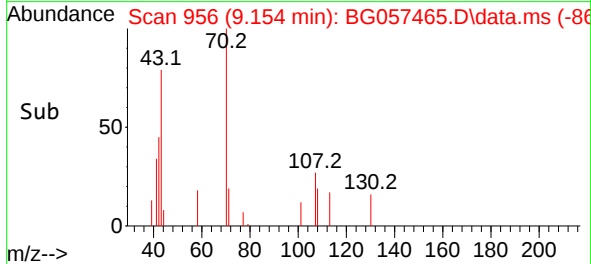
Instrument : BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion: 70 Resp: 3890
Ion Ratio Lower Upper
70 100
42 45.3 41.8 62.8
101 11.9 6.8 10.2
130 15.7 14.2 21.2

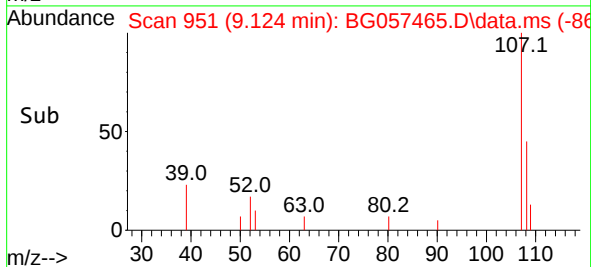
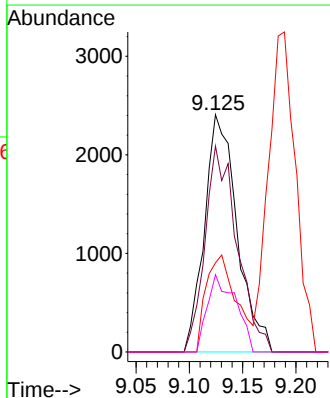
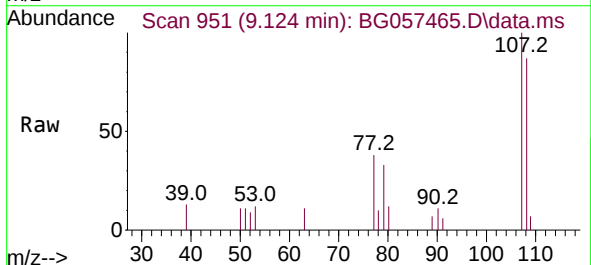
Manual Integrations
APPROVED

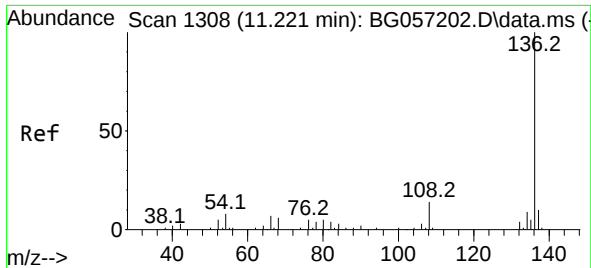
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#20
3+4-Methylphenols
Concen: 3.141 ng
RT: 9.124 min Scan# 951
Delta R.T. -0.001 min
Lab File: BG057465.D
Acq: 19 May 2023 13:11

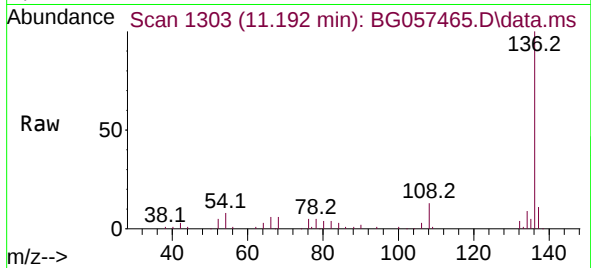
Tgt Ion:107 Resp: 5118
Ion Ratio Lower Upper
107 100
108 86.8 73.5 113.5
77 37.6 21.1 61.1
79 32.6 18.8 58.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.192 min Scan# 1119
Delta R.T. -0.007 min
Lab File: BG057465.D
Acq: 19 May 2023 13:11

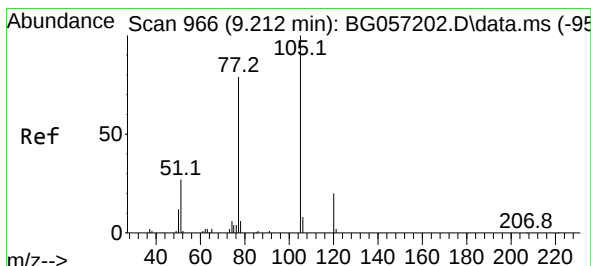
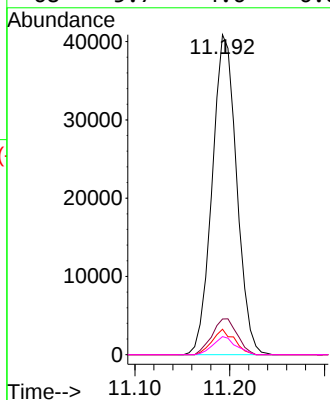
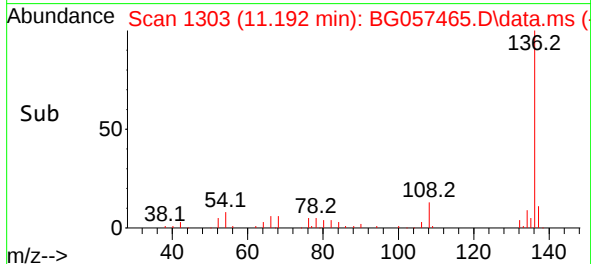
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion:136 Resp: 73290
Ion Ratio Lower Upper
136 100
137 11.2 8.3 12.5
54 7.9 6.7 10.1
68 5.7 4.6 6.8

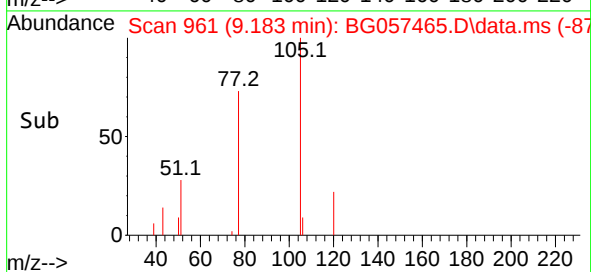
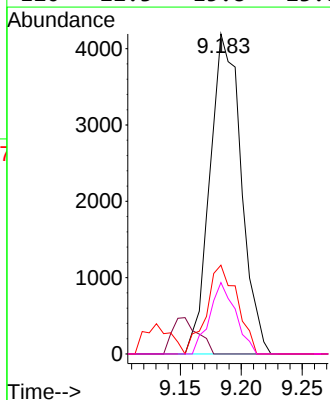
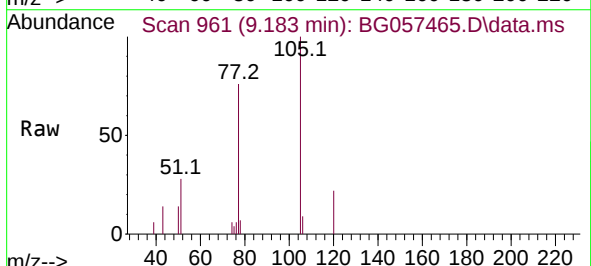
Manual Integrations
APPROVED

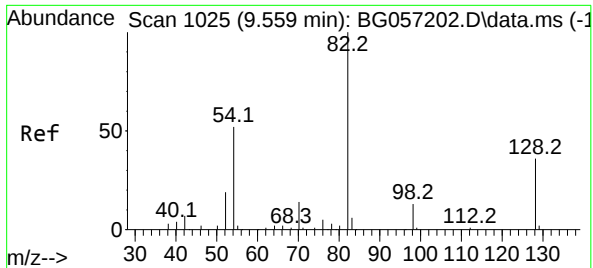
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#22
Acetophenone
Concen: 3.571 ng
RT: 9.183 min Scan# 961
Delta R.T. -0.007 min
Lab File: BG057465.D
Acq: 19 May 2023 13:11

Tgt Ion:105 Resp: 7490
Ion Ratio Lower Upper
105 100
71 0.0 0.4 0.6#
51 27.7 24.0 36.0
120 22.3 15.8 23.8





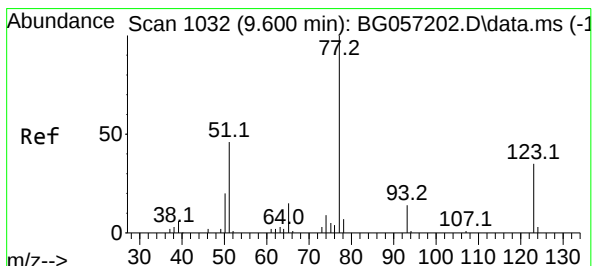
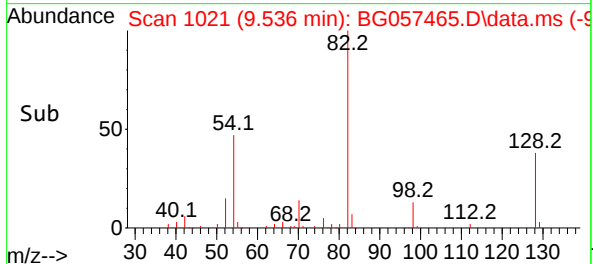
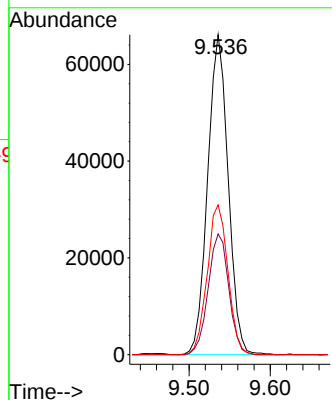
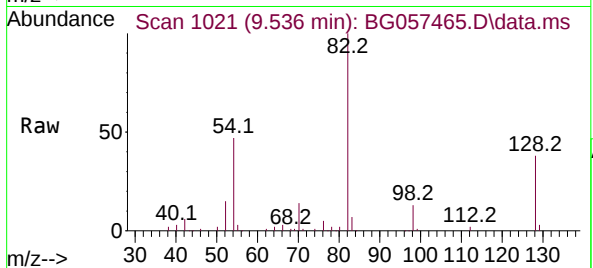
#23
Nitrobenzene-d5
Concen: 66.322 ng
RT: 9.536 min Scan# 1021
Delta R.T. -0.001 min
Lab File: BG057465.D
Acq: 19 May 2023 13:11

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

Tgt Ion: 82 Resp: 11581
Ion Ratio Lower Upper
82 100
128 37.7 29.0 43.4
54 46.8 41.4 62.0

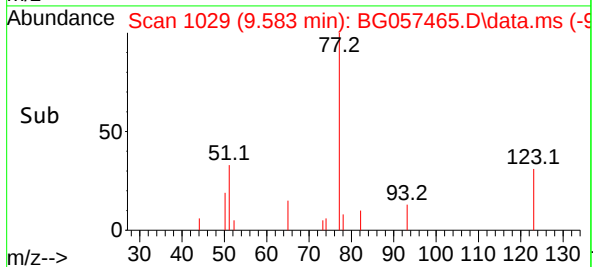
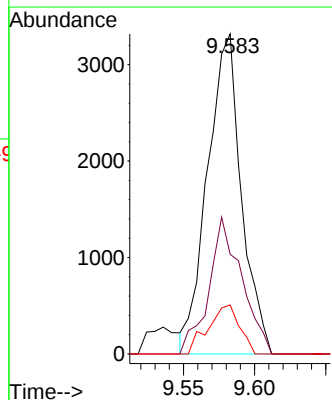
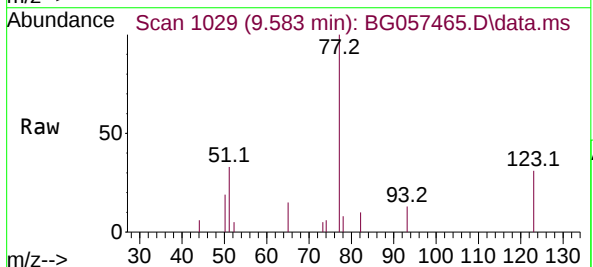
Manual Integrations
APPROVED

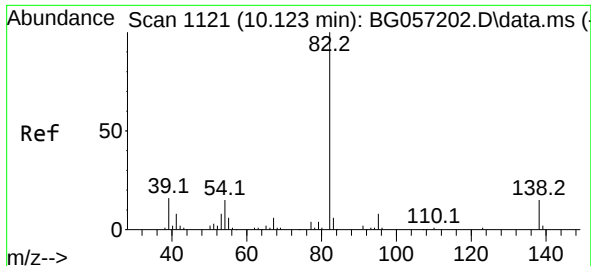
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#24
Nitrobenzene
Concen: 3.118 ng
RT: 9.583 min Scan# 1029
Delta R.T. -0.001 min
Lab File: BG057465.D
Acq: 19 May 2023 13:11

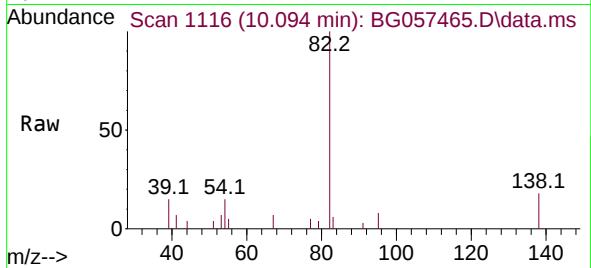
Tgt Ion: 77 Resp: 5496
Ion Ratio Lower Upper
77 100
123 31.2 28.2 42.2
65 15.3 11.7 17.5





#25
Isophorone
Concen: 2.956 ng
RT: 10.094 min Scan# 1116
Delta R.T. -0.007 min
Lab File: BG057465.D
Acq: 19 May 2023 13:11

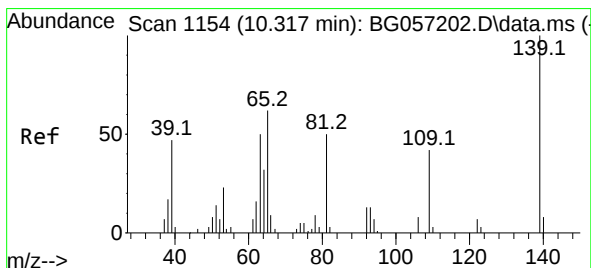
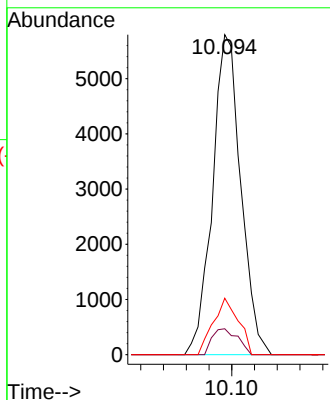
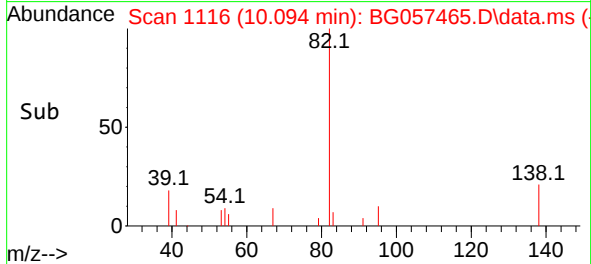
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT2-2023



Tgt Ion: 82 Resp: 10010
Ion Ratio Lower Upper
82 100
95 8.1 6.4 9.6
138 17.7 12.3 18.5

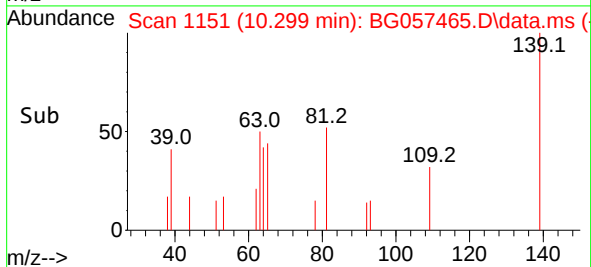
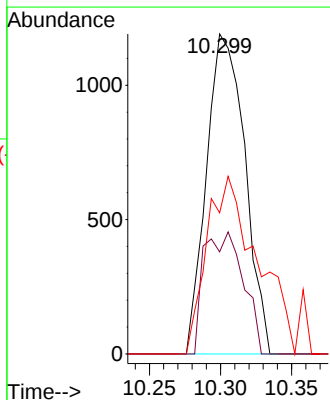
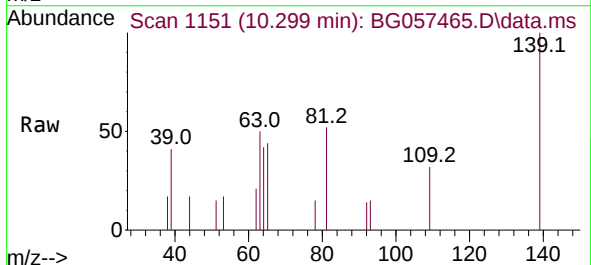
Manual Integrations
APPROVED

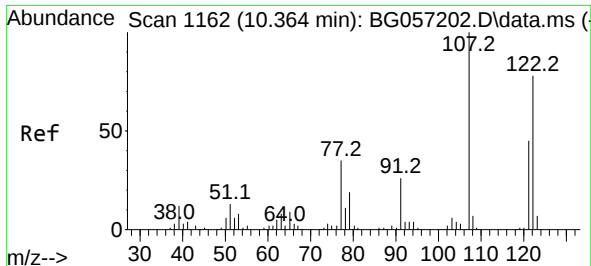
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#26
2-Nitrophenol
Concen: 3.320 ng
RT: 10.299 min Scan# 1151
Delta R.T. -0.001 min
Lab File: BG057465.D
Acq: 19 May 2023 13:11

Tgt Ion:139 Resp: 2240
Ion Ratio Lower Upper
139 100
109 31.9 33.4 50.2#
65 44.1 49.8 74.6#





#27

2,4-Dimethylphenol

Concen: 3.178 ng

RT: 10.341 min Scan# 1158

Delta R.T. -0.001 min

Lab File: BG057465.D

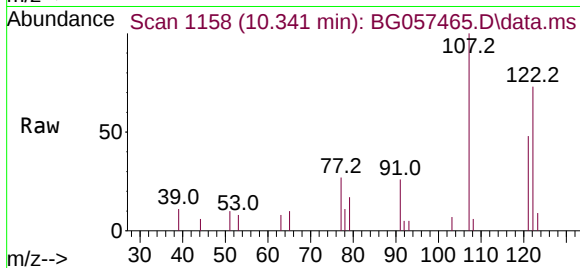
Acq: 19 May 2023 13:11

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT2-2023

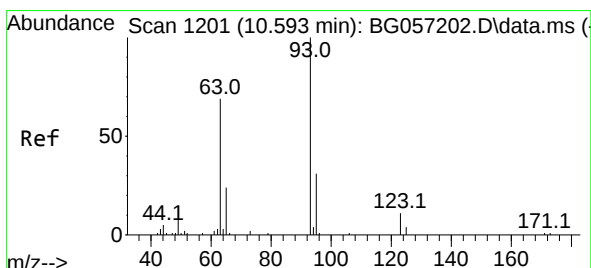
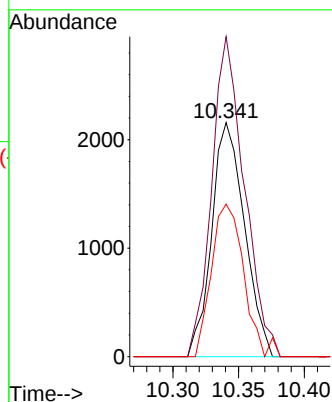


Tgt Ion:	122	Resp:	3754
Ion	Ratio	Lower	Upper
122	100		
107	136.7	103.0	154.4
121	65.1	45.9	68.9

Manual Integrations

APPROVED

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



#28

bis(2-Chloroethoxy)methane

Concen: 3.443 ng

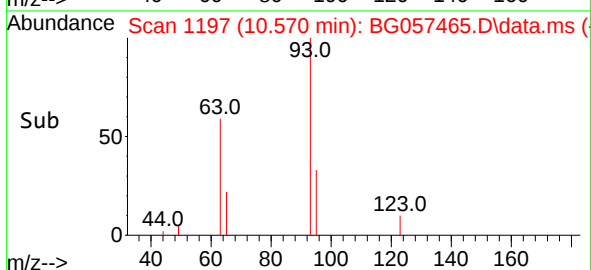
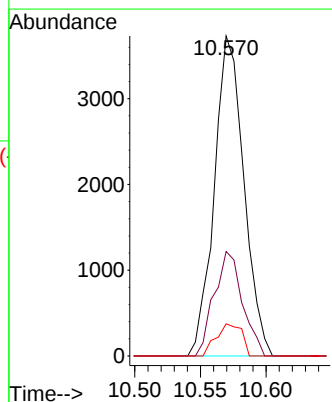
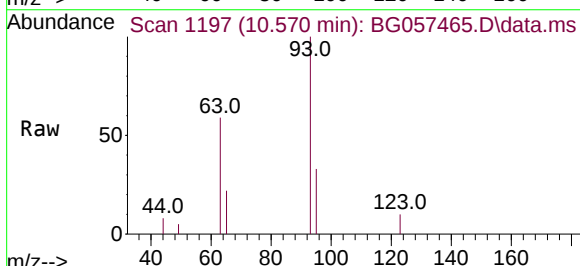
RT: 10.570 min Scan# 1197

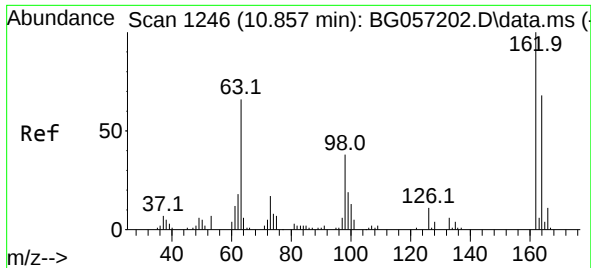
Delta R.T. -0.001 min

Lab File: BG057465.D

Acq: 19 May 2023 13:11

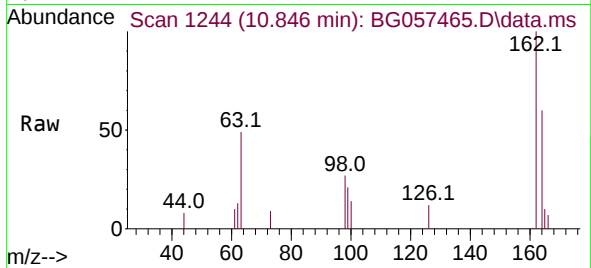
Tgt Ion:	93	Resp:	5841
Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.0	37.6
123	10.0	8.5	12.7





#29
2,4-Dichlorophenol
Concen: 3.578 ng
RT: 10.846 min Scan# 1244
Delta R.T. 0.005 min
Lab File: BG057465.D
Acq: 19 May 2023 13:11

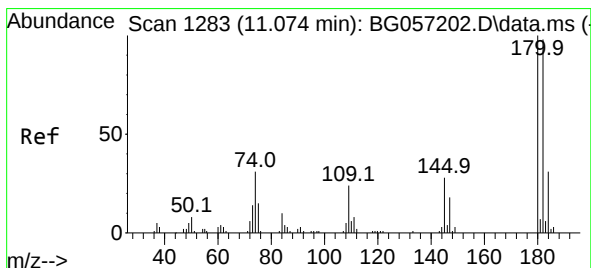
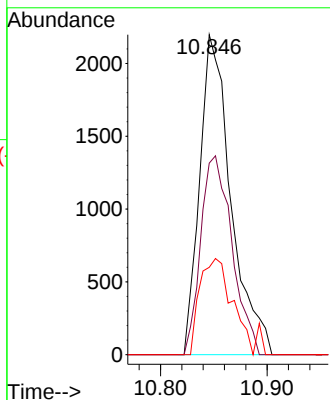
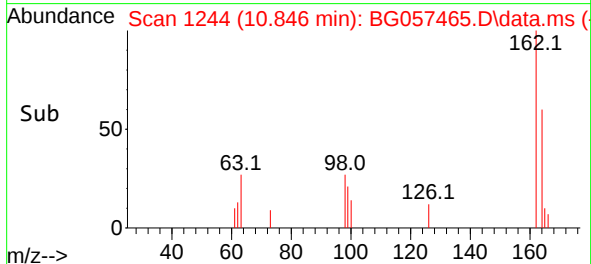
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion:162 Resp: 448
Ion Ratio Lower Upper
162 100
164 59.8 48.4 88.4
98 27.3 17.6 57.6

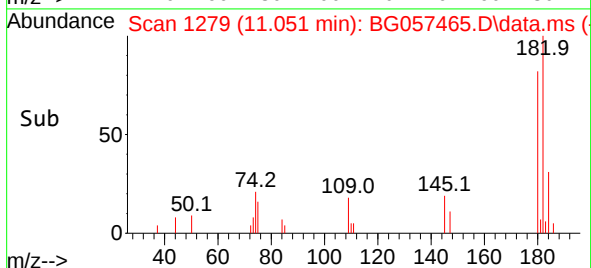
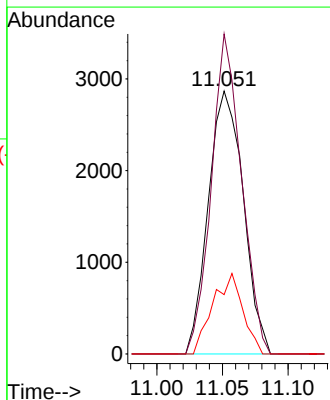
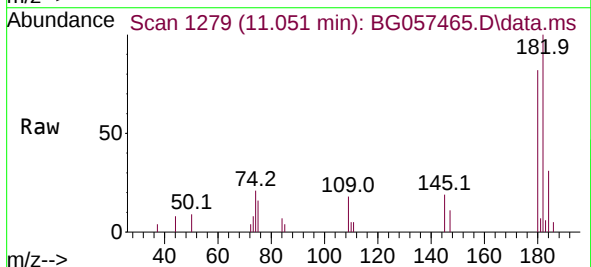
Manual Integrations
APPROVED

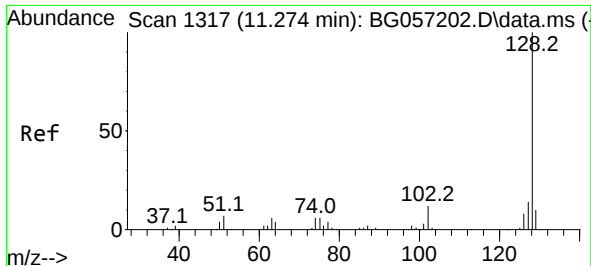
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#30
1,2,4-Trichlorobenzene
Concen: 3.681 ng
RT: 11.051 min Scan# 1279
Delta R.T. -0.001 min
Lab File: BG057465.D
Acq: 19 May 2023 13:11

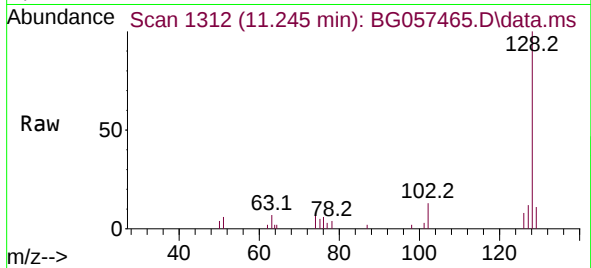
Tgt Ion:180 Resp: 5319
Ion Ratio Lower Upper
180 100
182 121.8 78.0 117.0#
145 22.6 22.4 33.6





#31
Naphthalene
Concen: 3.575 ng
RT: 11.245 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG057465.D
Acq: 19 May 2023 13:11

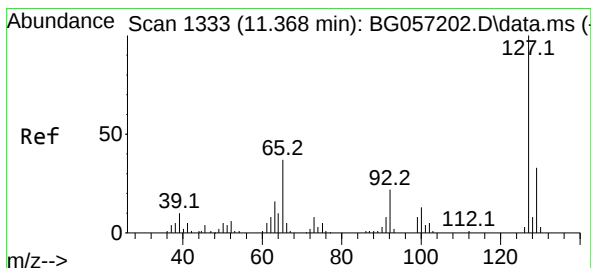
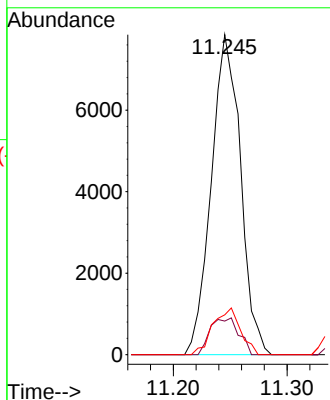
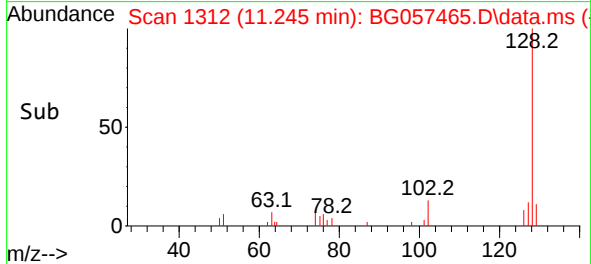
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2023



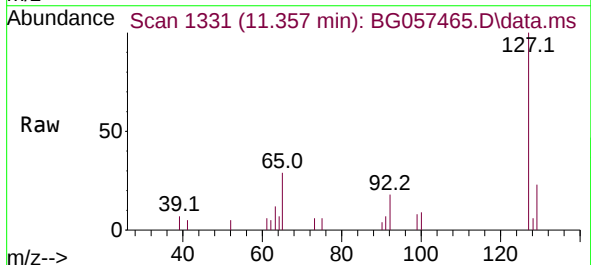
Tgt Ion:128 Resp: 14009
Ion Ratio Lower Upper
128 100
129 10.5 8.3 12.5
127 12.5 11.1 16.7

Manual Integrations
APPROVED

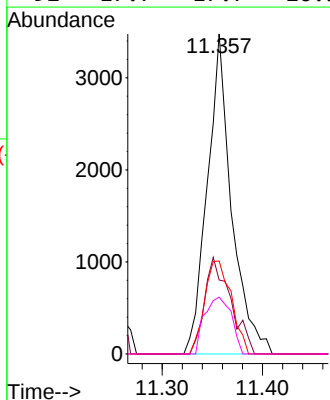
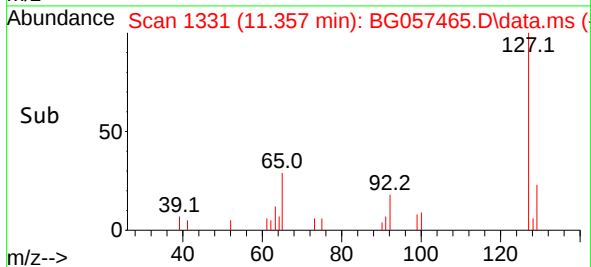
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023

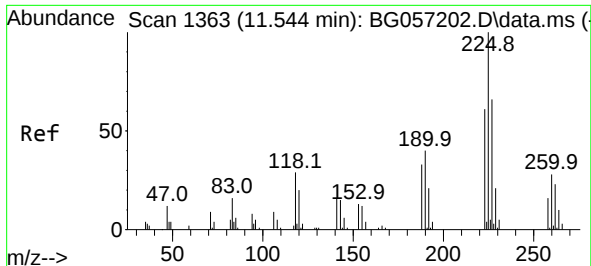


#33
4-Chloroaniline
Concen: 3.322 ng
RT: 11.357 min Scan# 1331
Delta R.T. 0.005 min
Lab File: BG057465.D
Acq: 19 May 2023 13:11



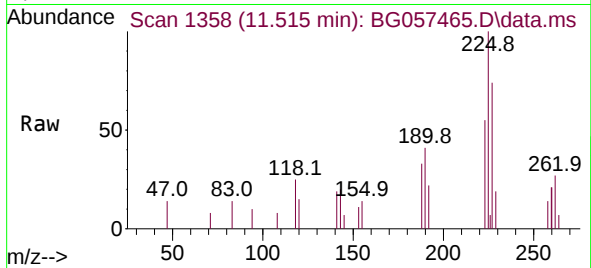
Tgt Ion:127 Resp: 5846
Ion Ratio Lower Upper
127 100
129 23.1 26.7 40.1#
65 29.0 29.7 44.5#
92 17.7 17.7 26.5





#34
Hexachlorobutadiene
Concen: 3.525 ng
RT: 11.515 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG057465.D
Acq: 19 May 2023 13:11

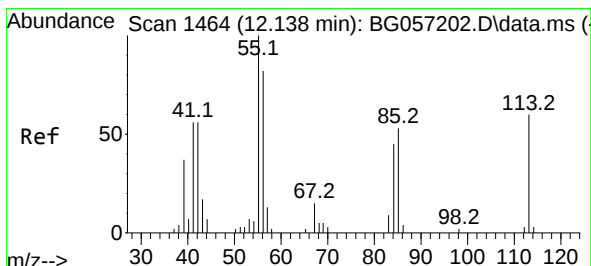
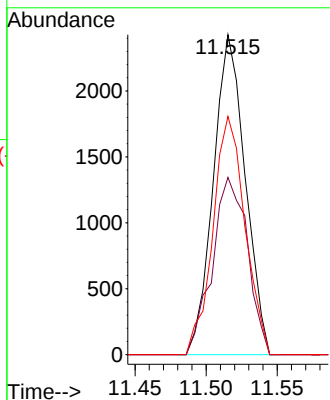
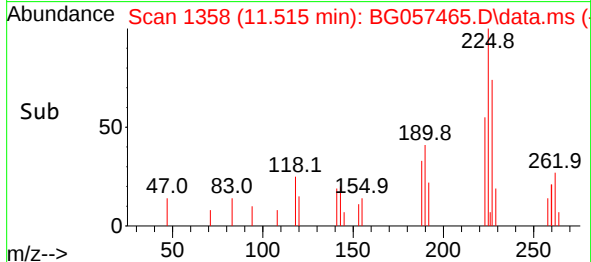
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion:225 Resp: 3780
Ion Ratio Lower Upper
225 100
223 55.4 48.6 72.8
227 74.5 52.7 79.1

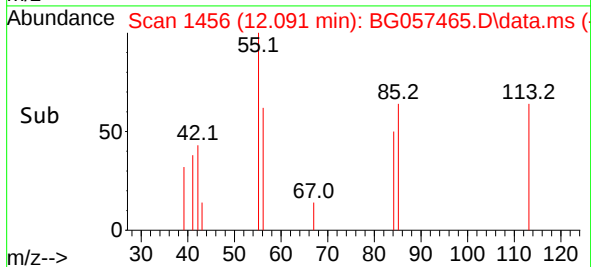
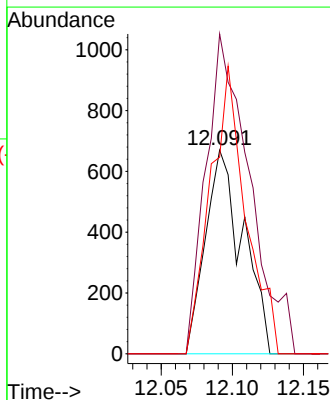
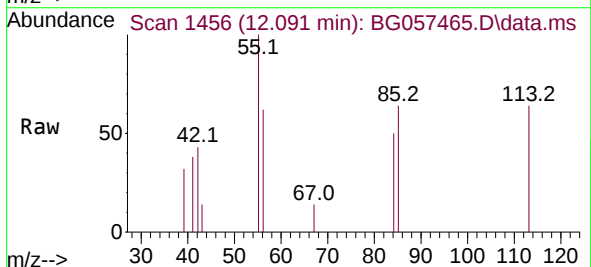
Manual Integrations
APPROVED

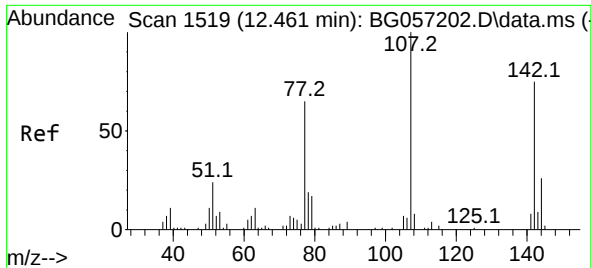
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#35
Caprolactam
Concen: 2.867 ng
RT: 12.091 min Scan# 1456
Delta R.T. -0.030 min
Lab File: BG057465.D
Acq: 19 May 2023 13:11

Tgt Ion:113 Resp: 1227
Ion Ratio Lower Upper
113 100
55 157.0 145.5 185.5
56 96.6 115.9 155.9#





#36

4-Chloro-3-methylphenol

Concen: 3.273 ng

RT: 12.444 min Scan# 1516

Delta R.T. -0.001 min

Lab File: BG057465.D

Acq: 19 May 2023 13:11

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT2-2023

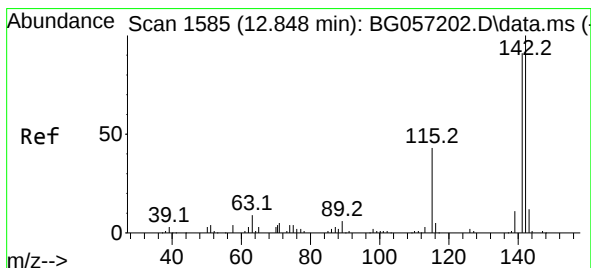
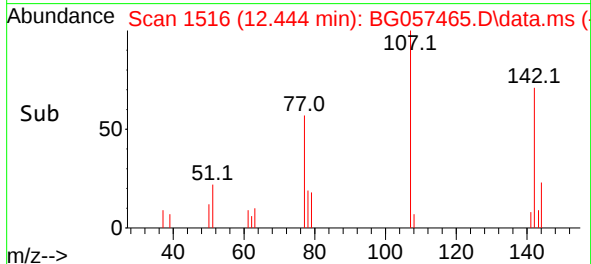
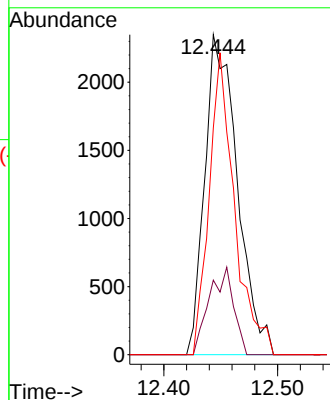
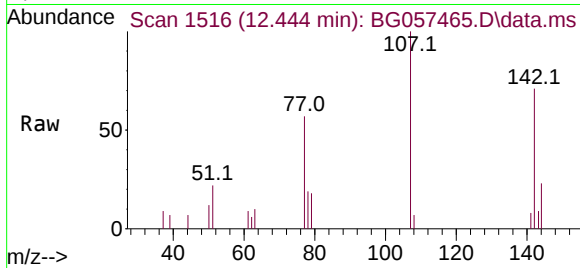
Tgt Ion:	107	Resp:	4660
Ion	Ratio	Lower	Upper
107	100		
144	23.3	21.0	31.6
142	70.8	60.0	90.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/22/2023

Supervised By :Jagrut Upadhyay 05/22/2023



#37

2-Methylnaphthalene

Concen: 3.446 ng

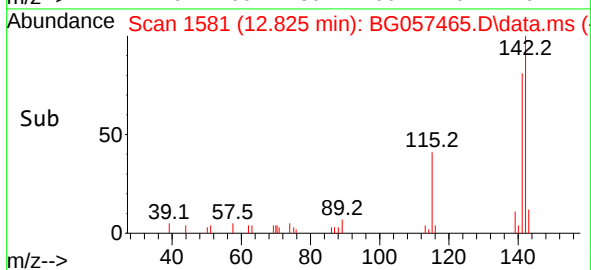
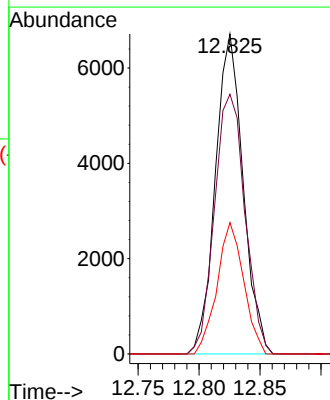
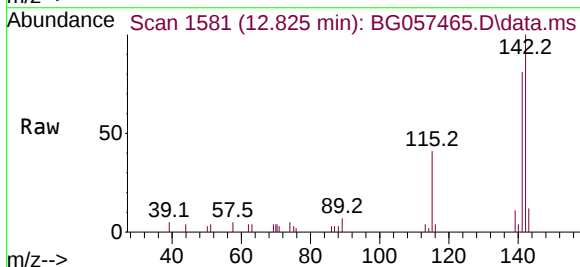
RT: 12.825 min Scan# 1581

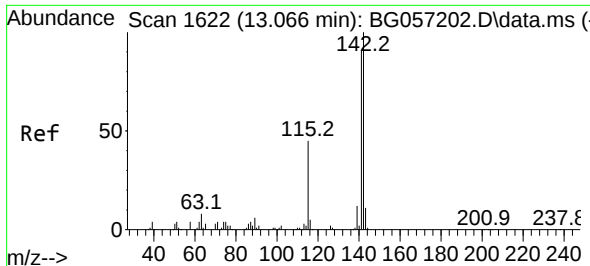
Delta R.T. -0.001 min

Lab File: BG057465.D

Acq: 19 May 2023 13:11

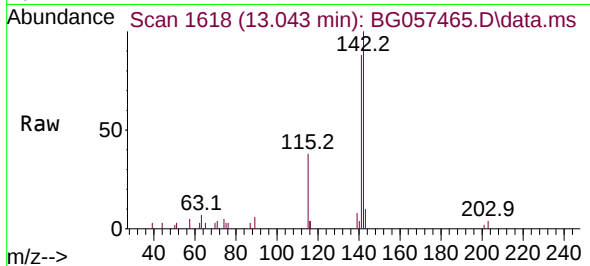
Tgt Ion:	142	Resp:	10616
Ion	Ratio	Lower	Upper
142	100		
141	81.1	73.1	109.7
115	41.1	34.6	52.0





#38
1-Methylnaphthalene
Concen: 3.599 ng m
RT: 13.043 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG057465.D
Acq: 19 May 2023 13:11

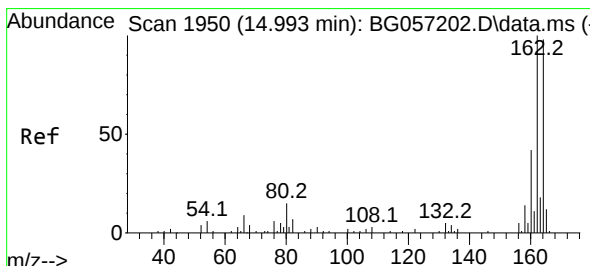
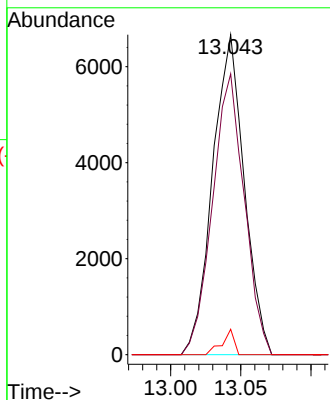
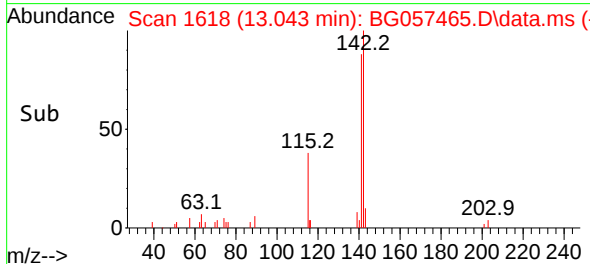
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion:142 Resp: 1045
Ion Ratio Lower Upper
142 100
141 87.8 72.5 108.7
116 4.1 3.7 5.5

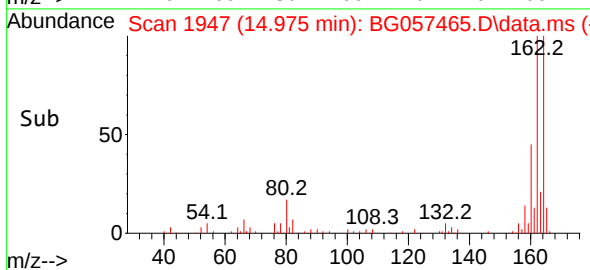
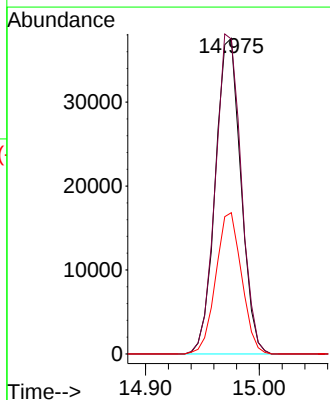
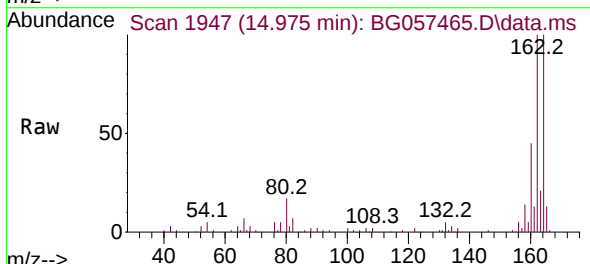
Manual Integrations
APPROVED

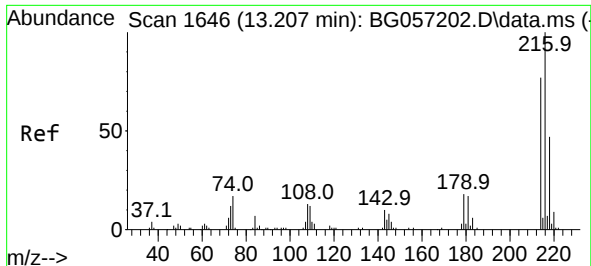
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.975 min Scan# 1947
Delta R.T. -0.001 min
Lab File: BG057465.D
Acq: 19 May 2023 13:11

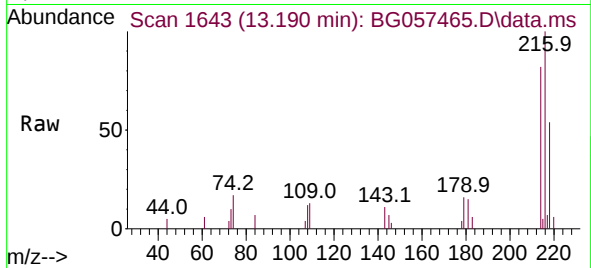
Tgt Ion:164 Resp: 58615
Ion Ratio Lower Upper
164 100
162 99.7 81.8 122.6
160 44.7 34.6 52.0





#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.650 ng
RT: 13.190 min Scan# 1637
Delta R.T. -0.001 min
Lab File: BG057465.D
Acq: 19 May 2023 13:11

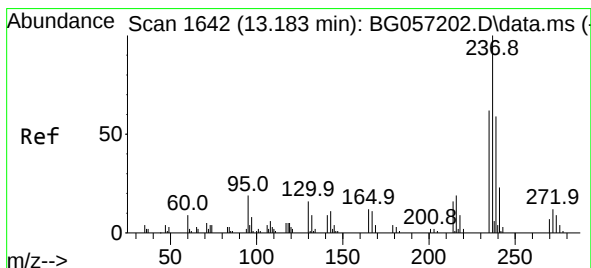
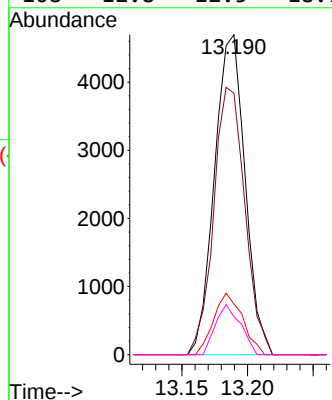
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion:216 Resp: 759
Ion Ratio Lower Upper
216 100
214 85.3 63.7 95.5
179 18.2 14.6 22.0
108 12.8 12.5 18.7

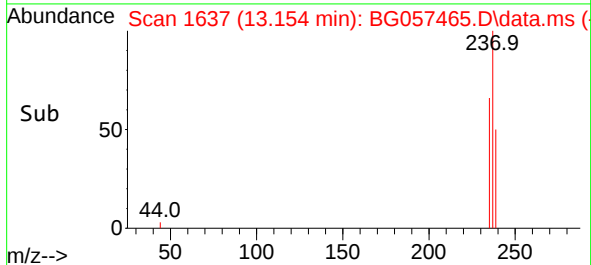
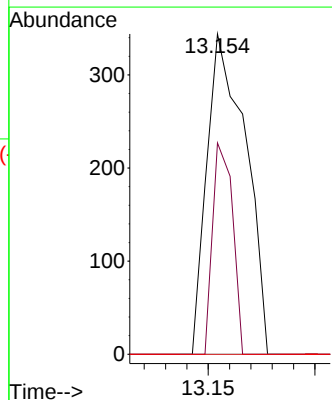
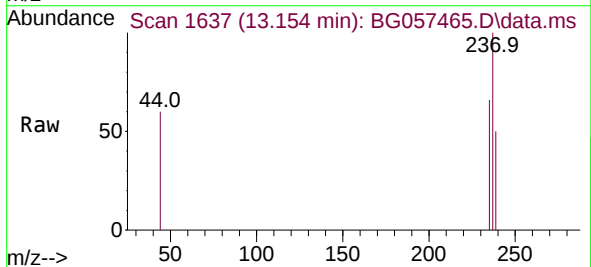
Manual Integrations
APPROVED

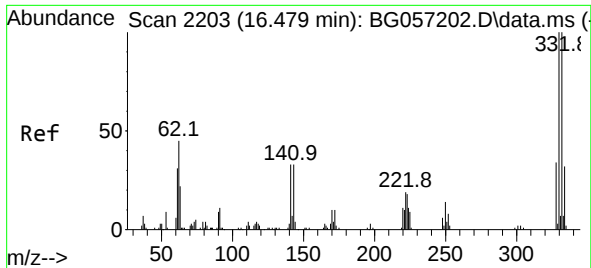
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#41
Hexachlorocyclopentadiene
Concen: 6.694 ng
RT: 13.154 min Scan# 1637
Delta R.T. -0.007 min
Lab File: BG057465.D
Acq: 19 May 2023 13:11

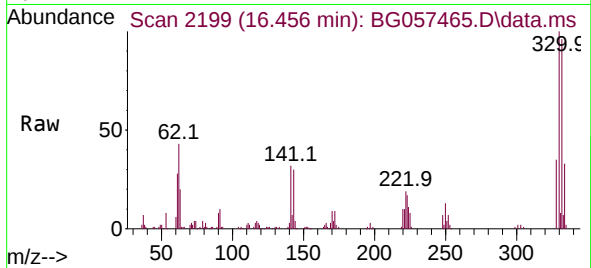
Tgt Ion:237 Resp: 433
Ion Ratio Lower Upper
237 100
235 66.0 42.0 82.0
272 0.0 0.0 31.5





#42
2,4,6-Tribromophenol
Concen: 109.628 ng
RT: 16.456 min Scan# 2199
Delta R.T. -0.001 min
Lab File: BG057465.D
Acq: 19 May 2023 13:11

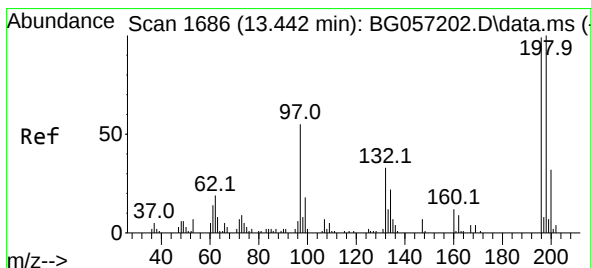
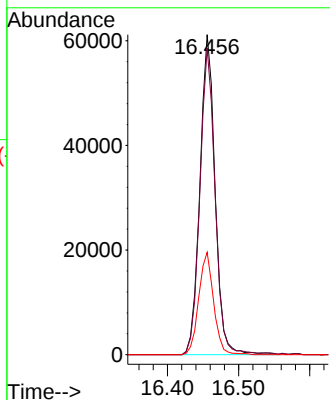
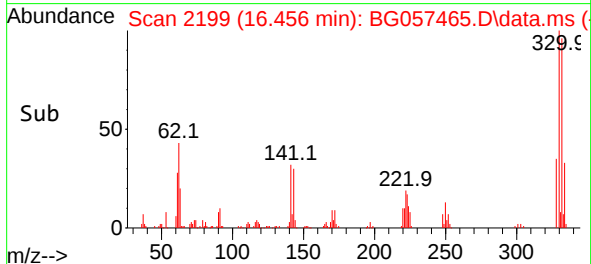
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2023



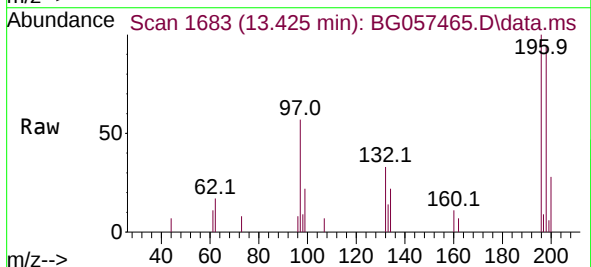
Tgt Ion:330 Resp: 91170
Ion Ratio Lower Upper
330 100
332 95.1 78.2 117.2
141 31.3 27.8 41.8

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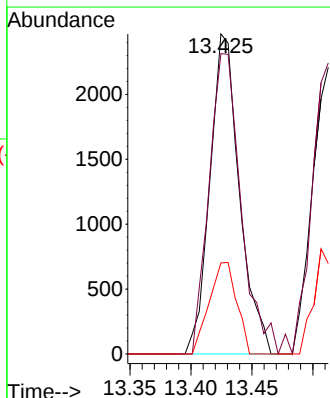
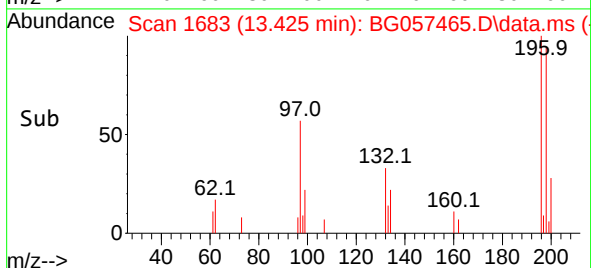
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023

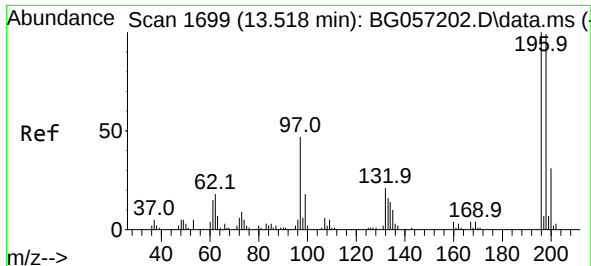


#43
2,4,6-Trichlorophenol
Concen: 3.274 ng
RT: 13.425 min Scan# 1683
Delta R.T. 0.005 min
Lab File: BG057465.D
Acq: 19 May 2023 13:11



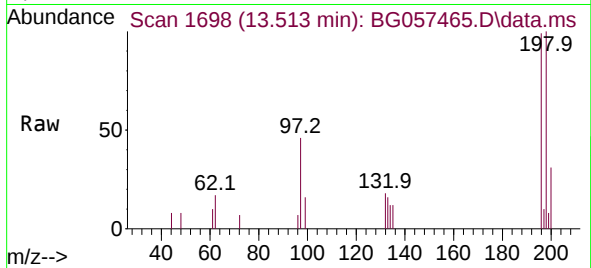
Tgt Ion:196 Resp: 4151
Ion Ratio Lower Upper
196 100
198 93.8 81.2 121.8
200 28.5 26.3 39.5





#44
2,4,5-Trichlorophenol
Concen: 2.930 ng
RT: 13.513 min Scan# 1
Delta R.T. 0.011 min
Lab File: BG057465.D
Acq: 19 May 2023 13:11

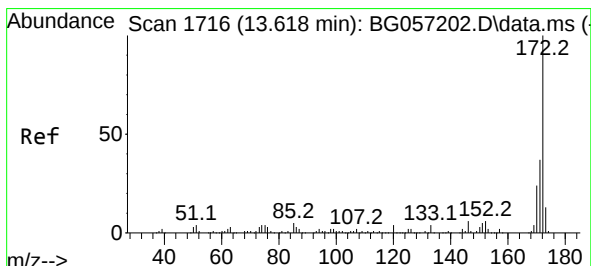
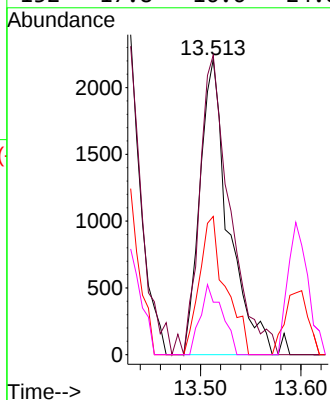
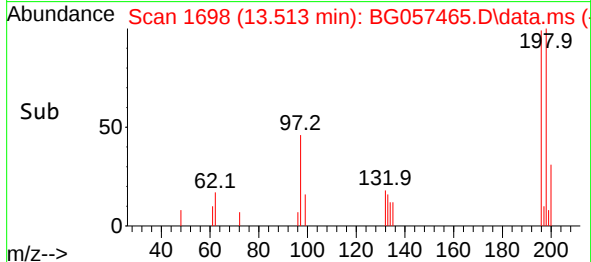
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion:196 Resp: 4370
Ion Ratio Lower Upper
196 100
198 101.5 79.4 119.2
97 46.8 37.0 55.4
132 17.8 16.6 24.8

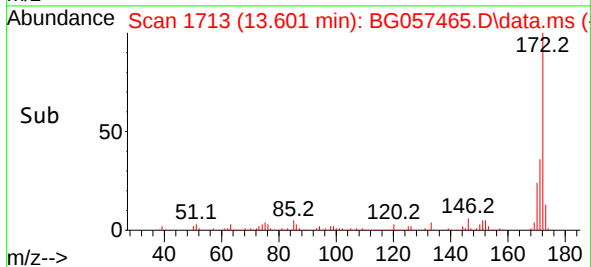
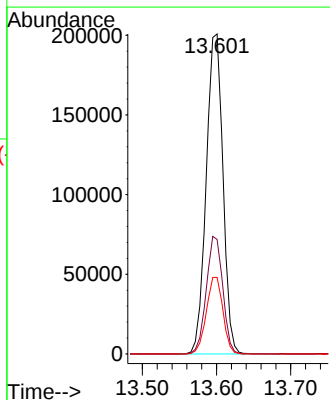
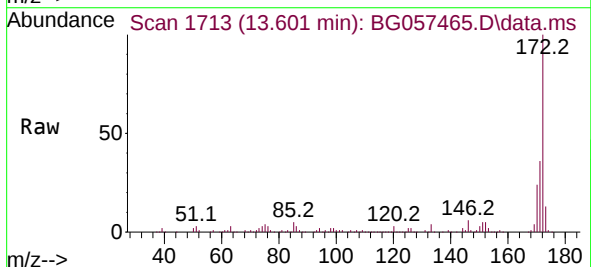
Manual Integrations
APPROVED

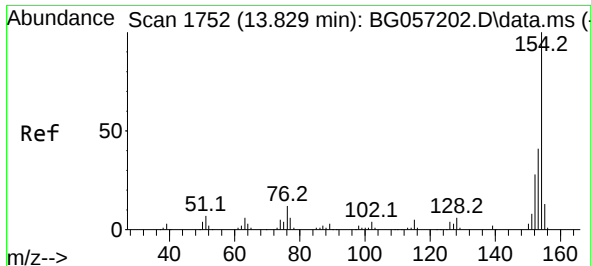
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#45
2-Fluorobiphenyl
Concen: 72.259 ng
RT: 13.601 min Scan# 1713
Delta R.T. -0.001 min
Lab File: BG057465.D
Acq: 19 May 2023 13:11

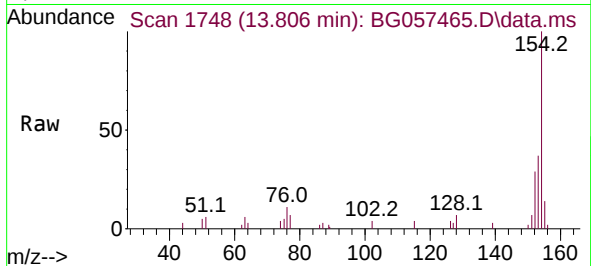
Tgt Ion:172 Resp: 314482
Ion Ratio Lower Upper
172 100
171 35.8 29.4 44.0
170 24.0 19.0 28.6





#46
1,1'-Biphenyl
Concen: 3.663 ng
RT: 13.806 min Scan# 1752
Delta R.T. -0.007 min
Lab File: BG057465.D
Acq: 19 May 2023 13:11

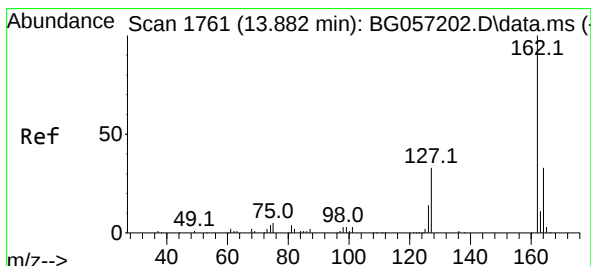
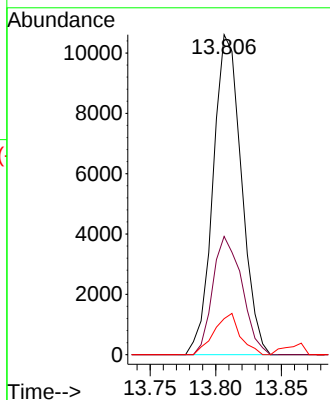
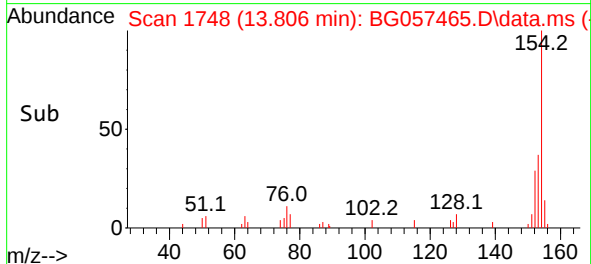
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2023



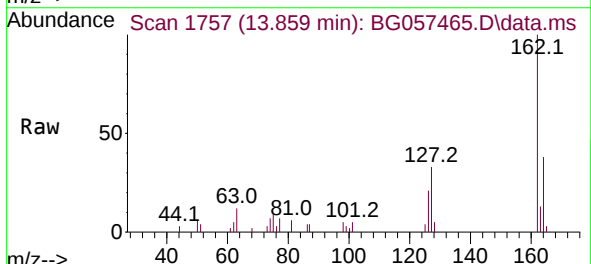
Tgt Ion:154 Resp: 1593
Ion Ratio Lower Upper
154 100
153 36.9 20.9 60.9
76 11.3 0.0 31.7

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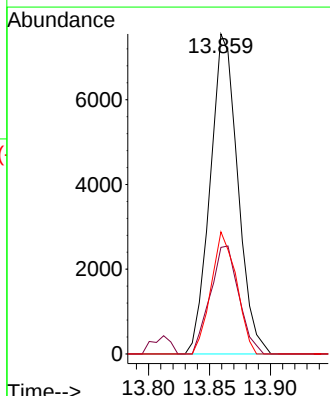
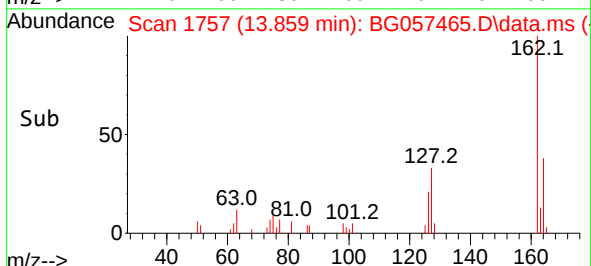
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023

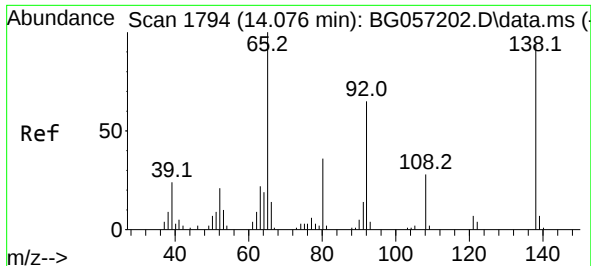


#47
2-Chloronaphthalene
Concen: 3.680 ng
RT: 13.859 min Scan# 1757
Delta R.T. -0.007 min
Lab File: BG057465.D
Acq: 19 May 2023 13:11



Tgt Ion:162 Resp: 11903
Ion Ratio Lower Upper
162 100
127 33.3 29.8 44.6
164 38.1 26.6 40.0





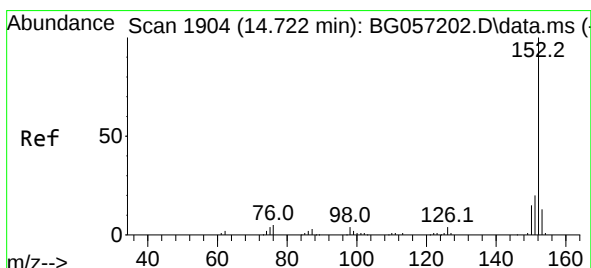
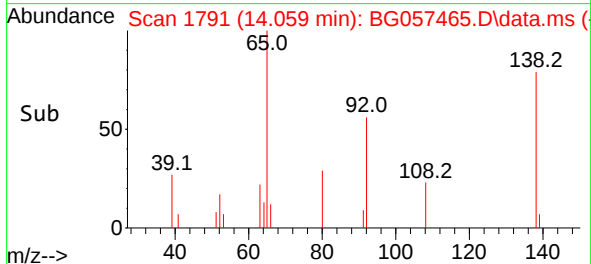
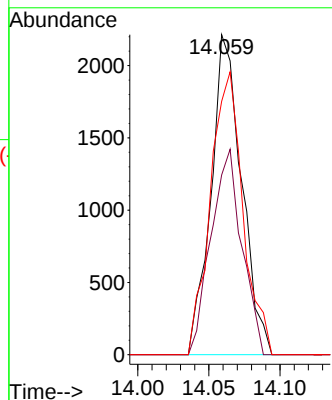
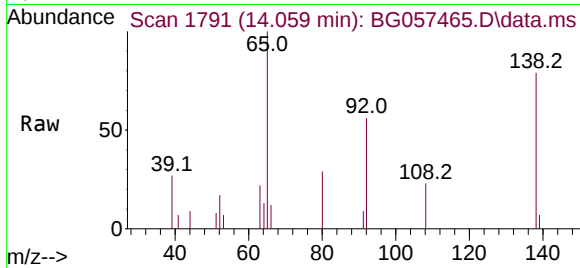
#48
2-Nitroaniline
Concen: 3.015 ng
RT: 14.059 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG057465.D
Acq: 19 May 2023 13:11

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

Tgt Ion: 65 Resp: 3310
Ion Ratio Lower Upper
65 100
92 56.1 52.1 78.1
138 79.1 75.3 112.9

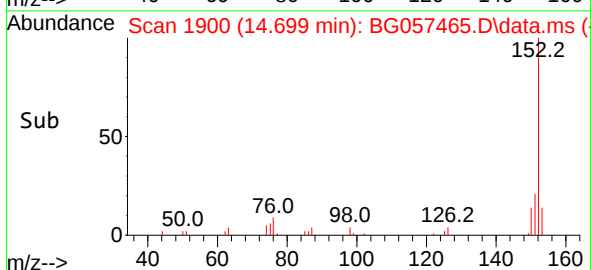
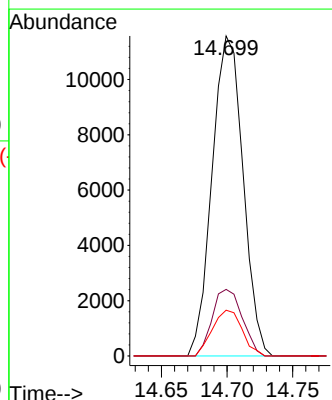
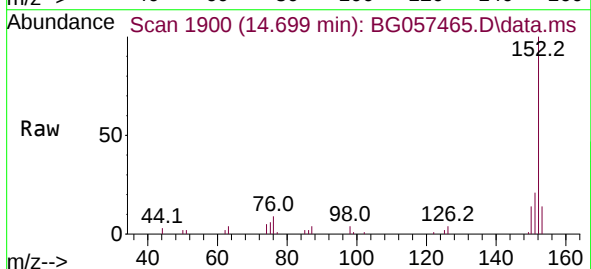
Manual Integrations
APPROVED

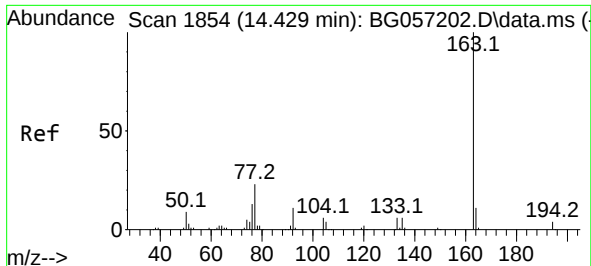
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#49
Acenaphthylene
Concen: 3.608 ng
RT: 14.699 min Scan# 1900
Delta R.T. -0.001 min
Lab File: BG057465.D
Acq: 19 May 2023 13:11

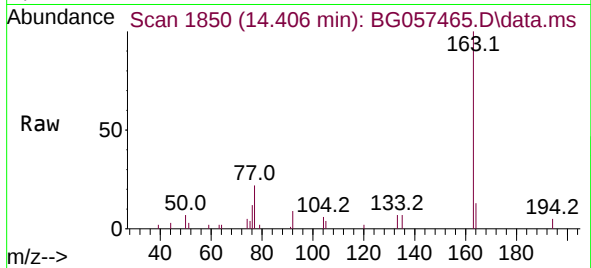
Tgt Ion:152 Resp: 18959
Ion Ratio Lower Upper
152 100
151 20.8 16.0 24.0
153 14.3 10.7 16.1





#50
Dimethylphthalate
Concen: 3.466 ng
RT: 14.406 min Scan# 1850
Delta R.T. -0.007 min
Lab File: BG057465.D
Acq: 19 May 2023 13:11

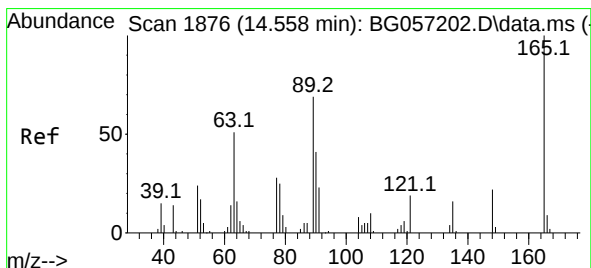
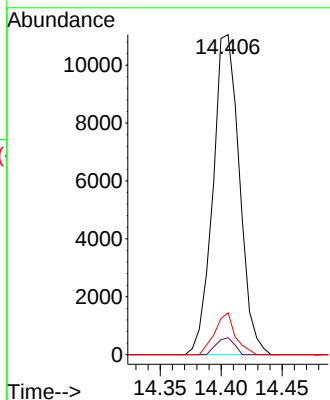
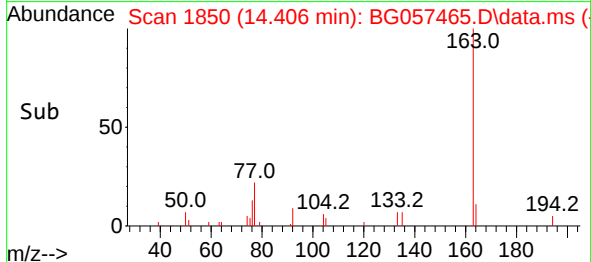
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT2-2023



Tgt Ion:163 Resp: 16690
Ion Ratio Lower Upper
163 100
194 5.3 3.4 5.2
164 13.1 8.8 13.2

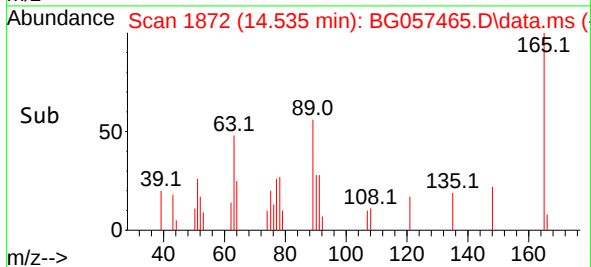
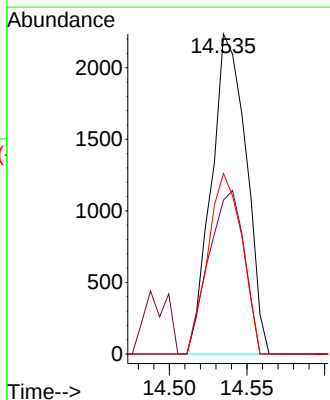
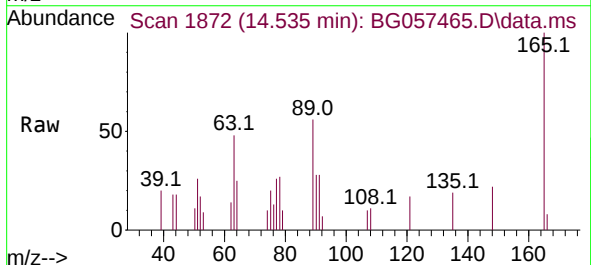
Manual Integrations
APPROVED

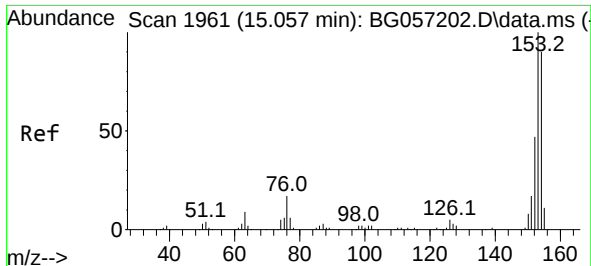
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#51
2,6-Dinitrotoluene
Concen: 3.537 ng
RT: 14.535 min Scan# 1872
Delta R.T. -0.007 min
Lab File: BG057465.D
Acq: 19 May 2023 13:11

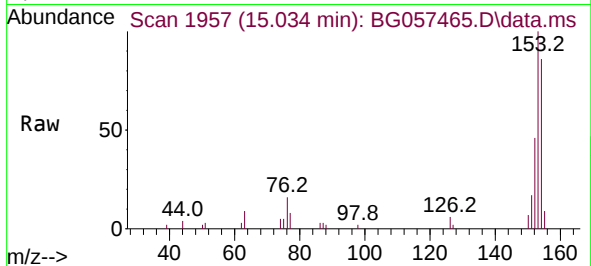
Tgt Ion:165 Resp: 3478
Ion Ratio Lower Upper
165 100
63 48.1 50.9 76.3
89 56.4 55.2 82.8





#52
Acenaphthene
Concen: 3.524 ng
RT: 15.034 min Scan# 1957
Delta R.T. -0.001 min
Lab File: BG057465.D
Acq: 19 May 2023 13:11

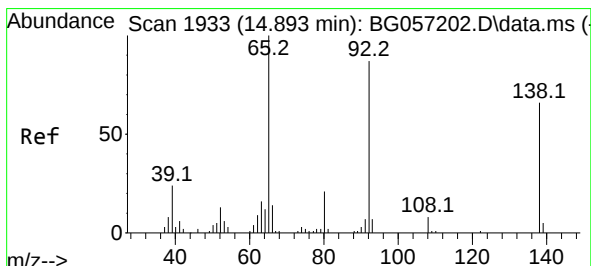
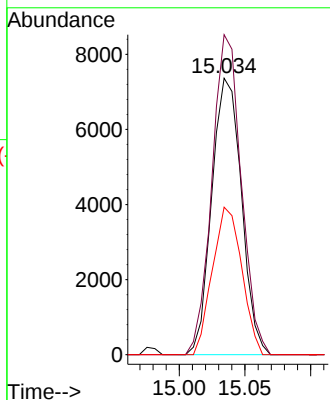
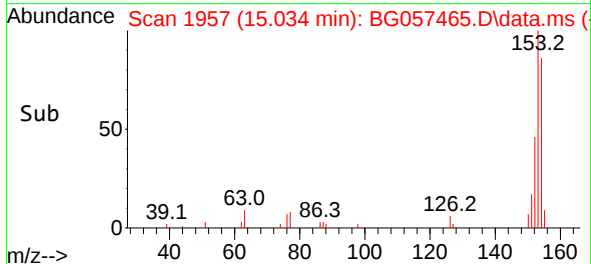
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion:154 Resp: 11572
Ion Ratio Lower Upper
154 100
153 115.7 89.3 133.9
152 53.4 41.7 62.5

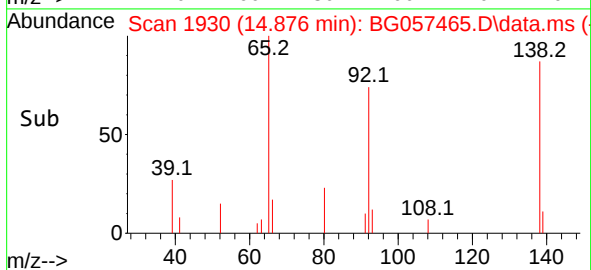
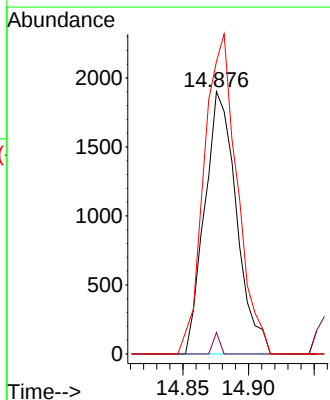
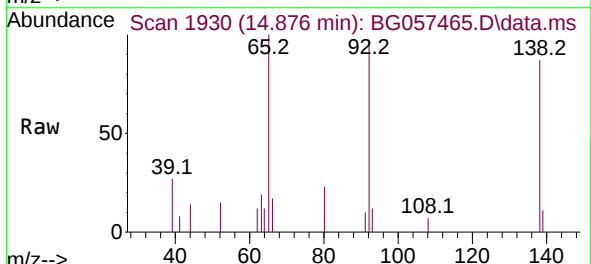
Manual Integrations
APPROVED

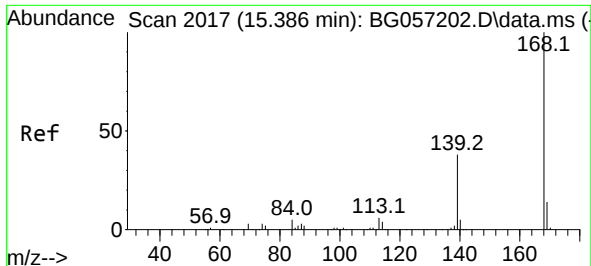
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#53
3-Nitroaniline
Concen: 3.244 ng
RT: 14.876 min Scan# 1930
Delta R.T. -0.001 min
Lab File: BG057465.D
Acq: 19 May 2023 13:11

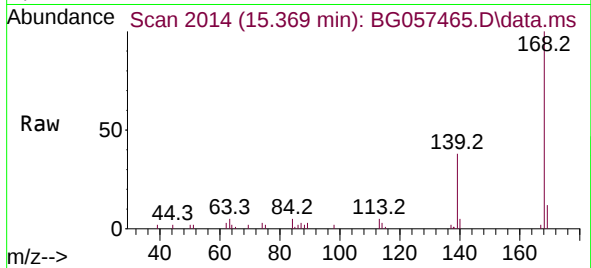
Tgt Ion:138 Resp: 3196
Ion Ratio Lower Upper
138 100
108 8.2 9.5 14.3#
92 111.4 106.2 159.4





#55
Dibenzenofuran
Concen: 3.598 ng
RT: 15.369 min Scan# 2017
Delta R.T. -0.001 min
Lab File: BG057465.D
Acq: 19 May 2023 13:11

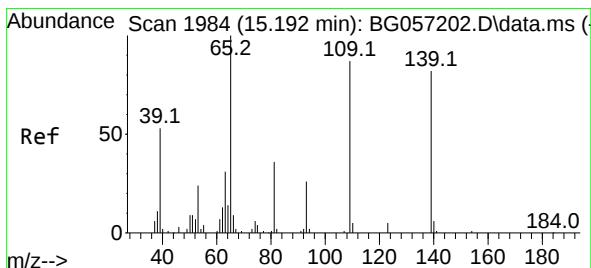
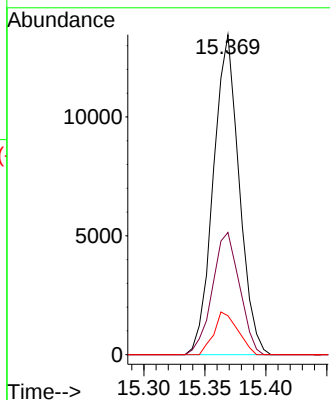
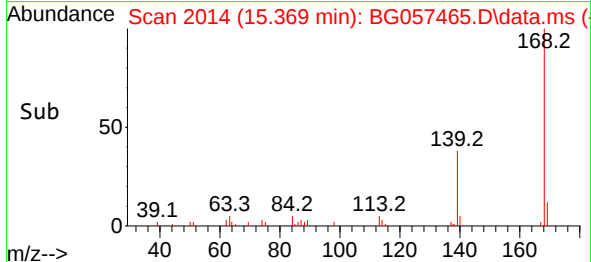
Instrument : BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion:168 Resp: 1984
Ion Ratio Lower Upper
168 100
139 38.2 30.7 46.1
169 12.1 10.9 16.3

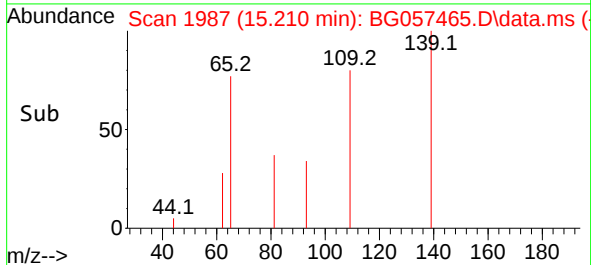
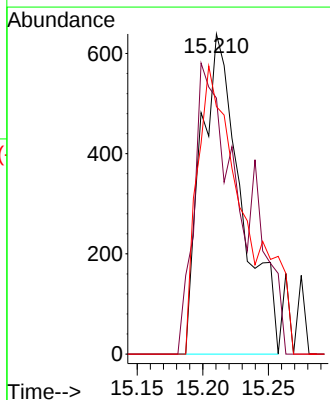
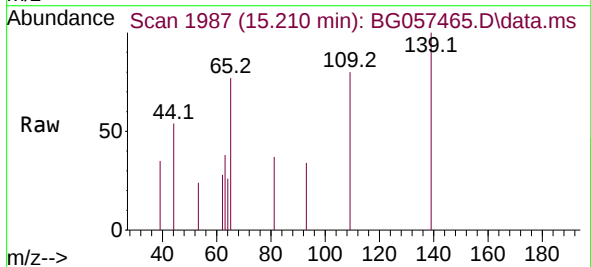
Manual Integrations
APPROVED

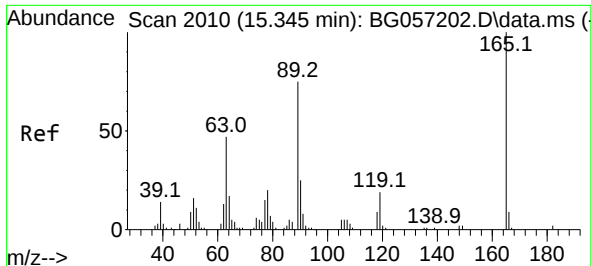
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#56
4-Nitrophenol
Concen: 2.085 ng
RT: 15.210 min Scan# 1987
Delta R.T. 0.029 min
Lab File: BG057465.D
Acq: 19 May 2023 13:11

Tgt Ion:139 Resp: 1366
Ion Ratio Lower Upper
139 100
109 80.0 86.6 126.6#
65 77.3 102.6 142.6#





#57

2,4-Dinitrotoluene

Concen: 3.345 ng

RT: 15.334 min Scan# 2010

Delta R.T. 0.005 min

Lab File: BG057465.D

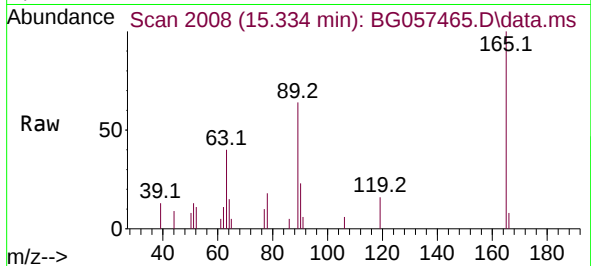
Acq: 19 May 2023 13:11

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT2-2023

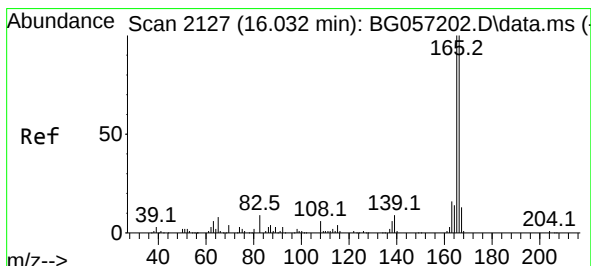
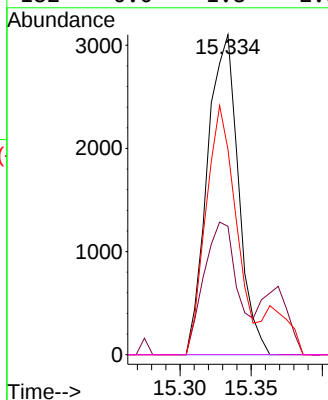
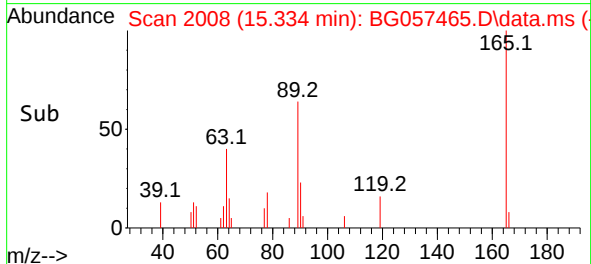


Tgt Ion:	165	Resp:	470
Ion Ratio	Lower	Upper	
165	100		
63	40.1	37.5	56.3
89	64.2	60.2	90.4
182	0.0	1.8	2.8

Manual Integrations

APPROVED

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



#58

Fluorene

Concen: 3.662 ng

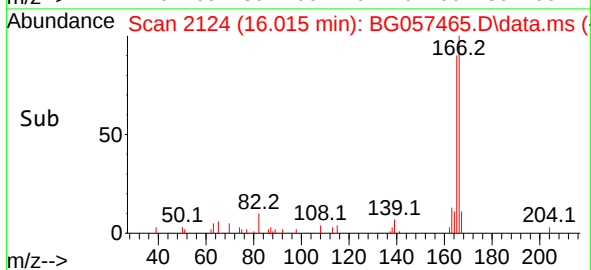
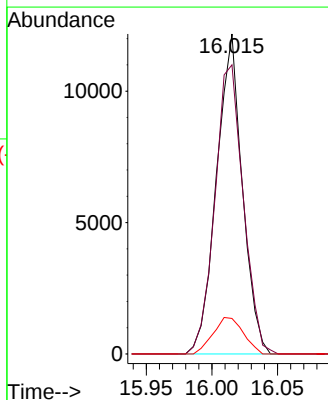
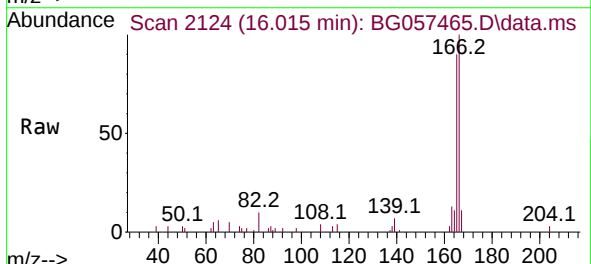
RT: 16.015 min Scan# 2124

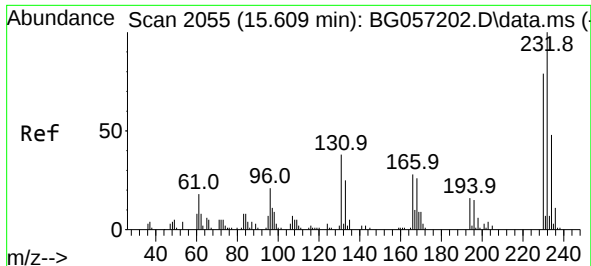
Delta R.T. -0.001 min

Lab File: BG057465.D

Acq: 19 May 2023 13:11

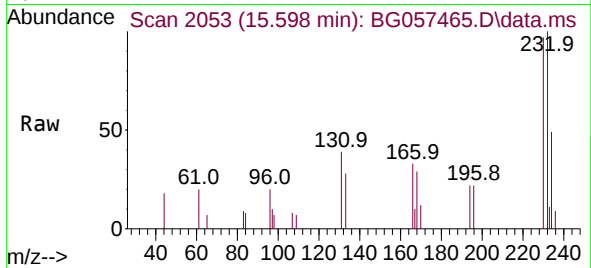
Tgt Ion:	166	Resp:	16643
Ion Ratio	Lower	Upper	
166	100		
165	90.4	80.1	120.1
167	11.1	10.2	15.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 3.316 ng
RT: 15.598 min Scan# 2053
Delta R.T. 0.005 min
Lab File: BG057465.D
Acq: 19 May 2023 13:11

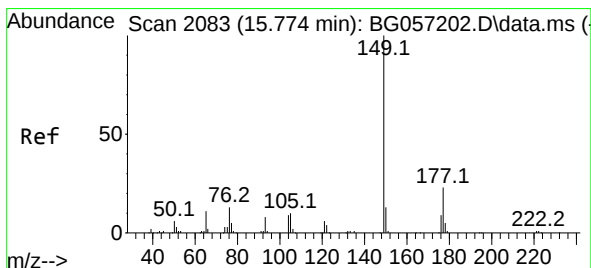
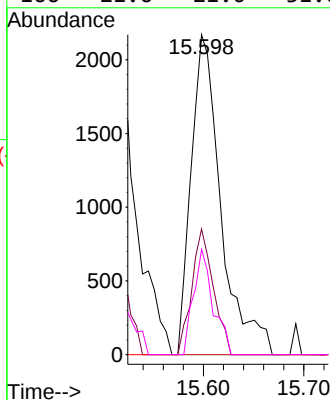
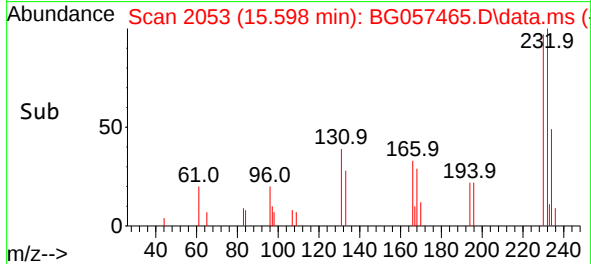
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2023



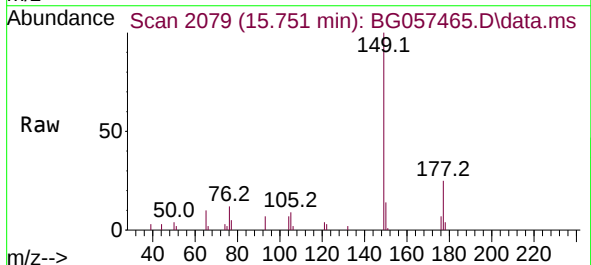
Tgt Ion:232 Resp: 448
Ion Ratio Lower Upper
232 100
131 28.4 28.6 42.8
130 0.0 1.6 2.4
166 21.6 21.0 31.6

Manual Integrations
APPROVED

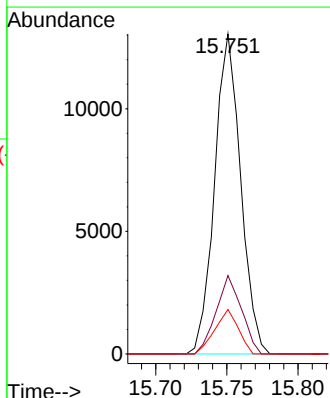
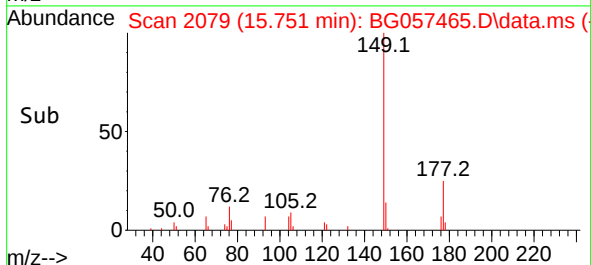
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023

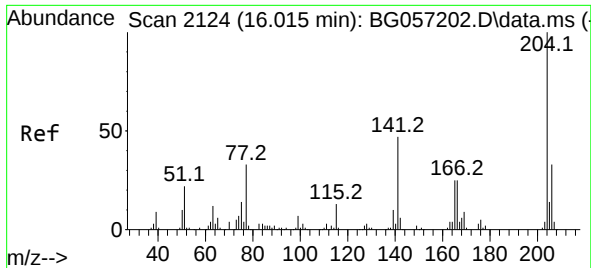


#60
Diethylphthalate
Concen: 3.391 ng
RT: 15.751 min Scan# 2079
Delta R.T. -0.001 min
Lab File: BG057465.D
Acq: 19 May 2023 13:11



Tgt Ion:149 Resp: 16588
Ion Ratio Lower Upper
149 100
177 24.5 18.3 27.5
150 13.9 10.1 15.1





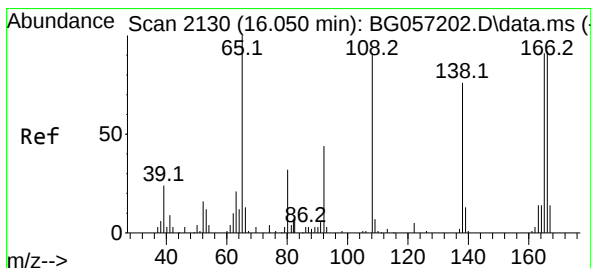
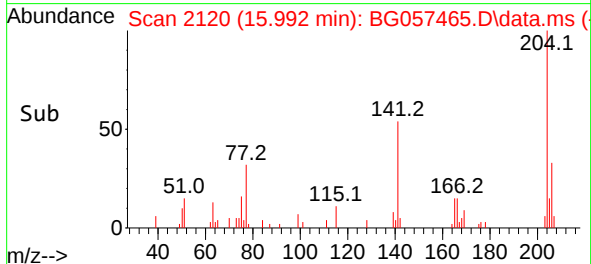
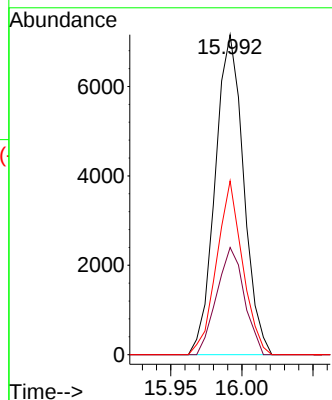
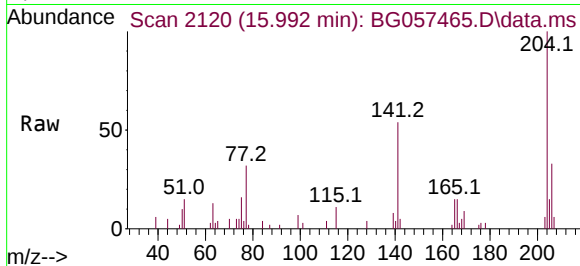
#61
4-Chlorophenyl-phenylether
Concen: 3.634 ng
RT: 15.992 min Scan# 2120
Delta R.T. -0.001 min
Lab File: BG057465.D
Acq: 19 May 2023 13:11

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

Tgt Ion:204 Resp: 9949
Ion Ratio Lower Upper
204 100
206 33.5 26.5 39.7
141 54.3 37.4 56.0

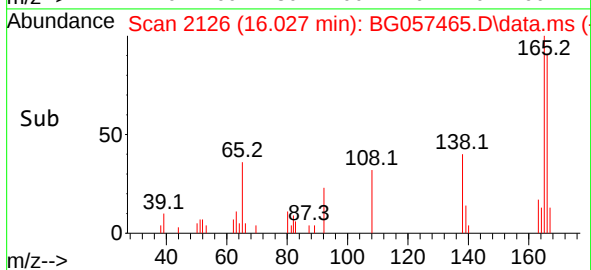
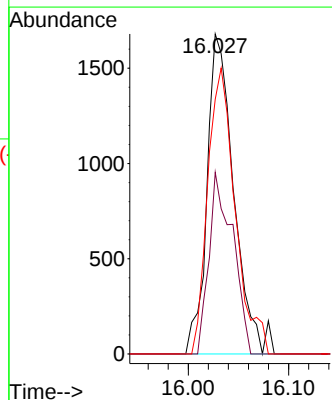
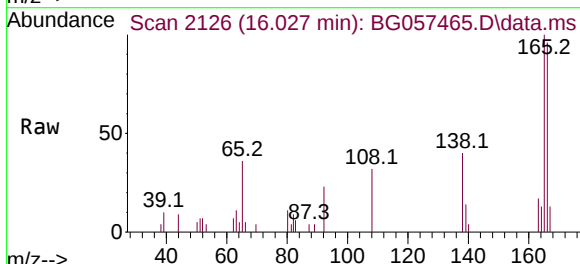
Manual Integrations
APPROVED

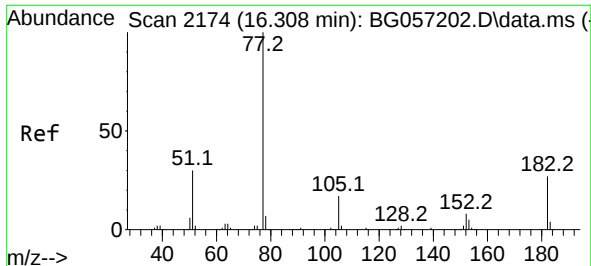
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#62
4-Nitroaniline
Concen: 3.152 ng
RT: 16.027 min Scan# 2126
Delta R.T. -0.007 min
Lab File: BG057465.D
Acq: 19 May 2023 13:11

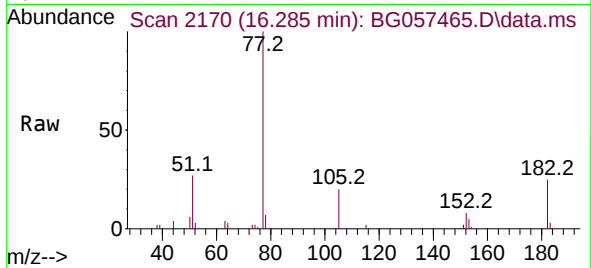
Tgt Ion:138 Resp: 3133
Ion Ratio Lower Upper
138 100
92 56.8 38.2 78.2
108 79.6 99.6 139.6#





#63
Azobenzene
Concen: 3.113 ng
RT: 16.285 min Scan# 2174
Delta R.T. -0.001 min
Lab File: BG057465.D
Acq: 19 May 2023 13:11

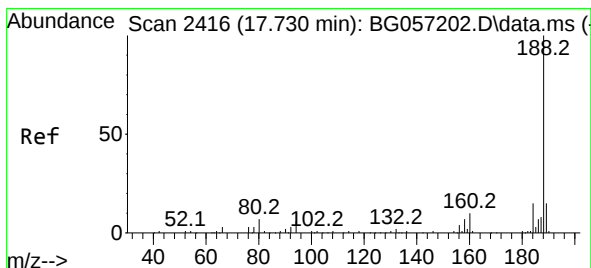
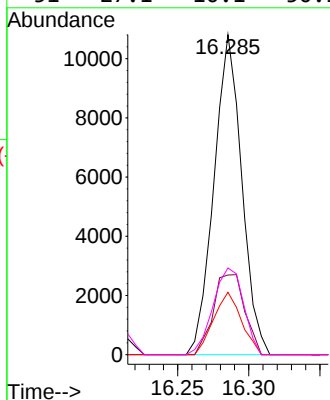
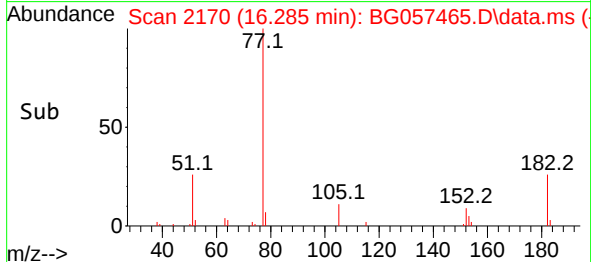
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2023



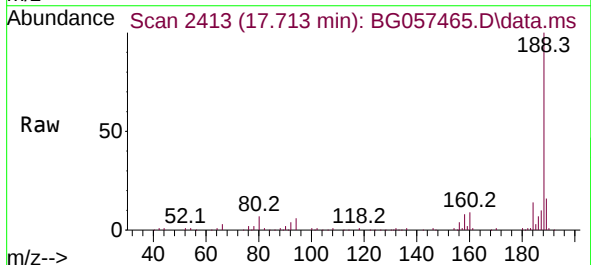
Tgt Ion: 77 Resp: 1469
Ion Ratio Lower Upper
77 100
182 24.9 7.4 47.4
105 19.5 0.0 37.2
51 27.1 10.1 50.1

Manual Integrations
APPROVED

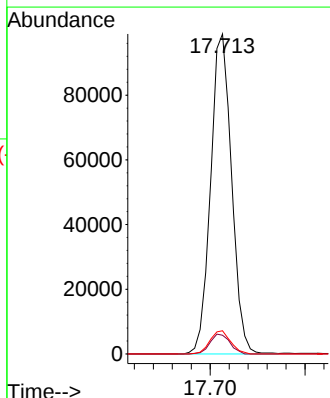
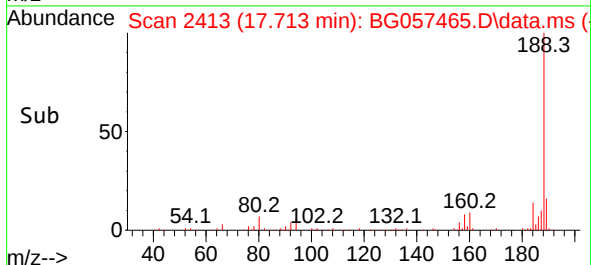
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023

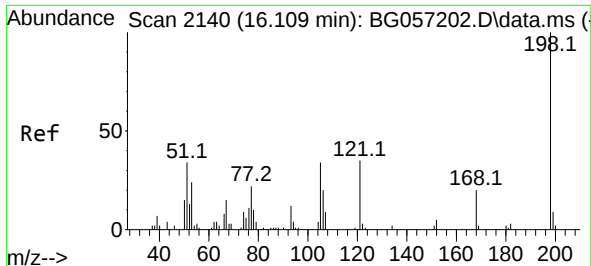


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.713 min Scan# 2413
Delta R.T. -0.001 min
Lab File: BG057465.D
Acq: 19 May 2023 13:11



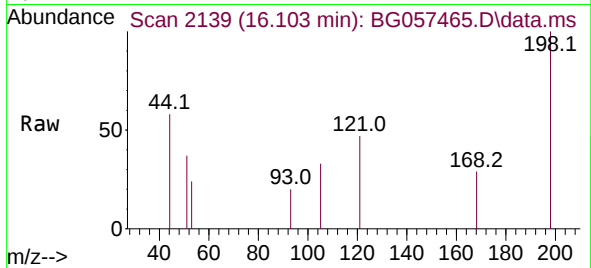
Tgt Ion:188 Resp: 151764
Ion Ratio Lower Upper
188 100
94 5.9 5.1 7.7
80 7.2 5.7 8.5





#65
4,6-Dinitro-2-methylphenol
Concen: 2.021 ng
RT: 16.103 min Scan# 2139
Delta R.T. 0.011 min
Lab File: BG057465.D
Acq: 19 May 2023 13:11

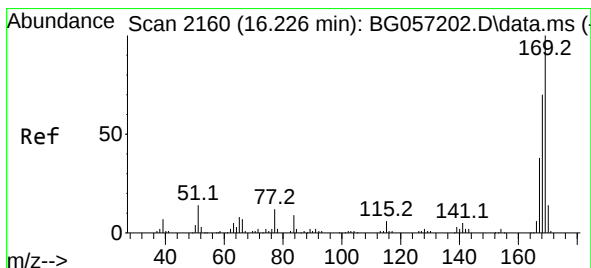
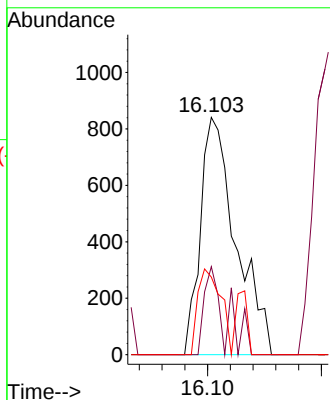
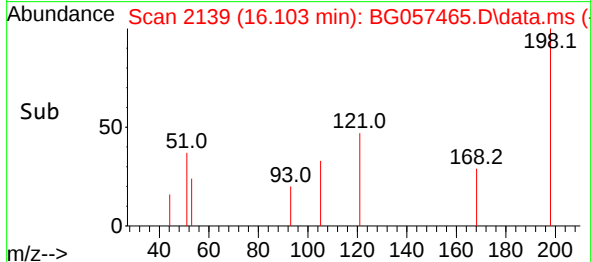
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2023



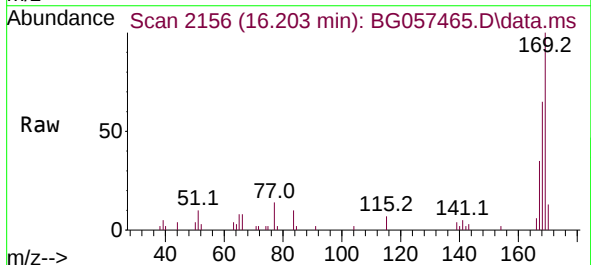
Tgt Ion:198 Resp: 183
Ion Ratio Lower Upper
198 100
51 37.1 16.1 56.1
105 32.7 14.0 54.0

Manual Integrations
APPROVED

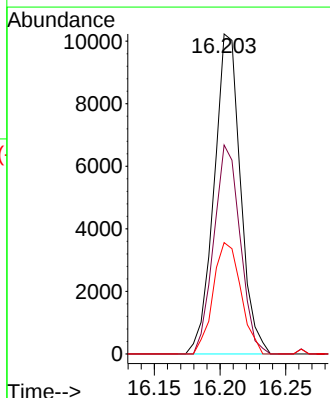
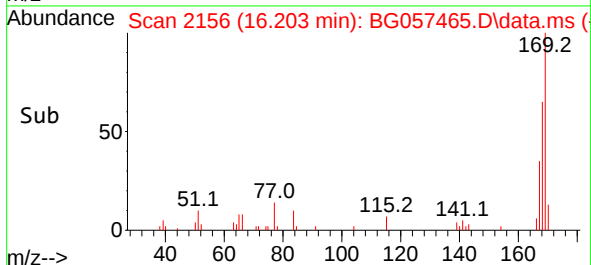
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023

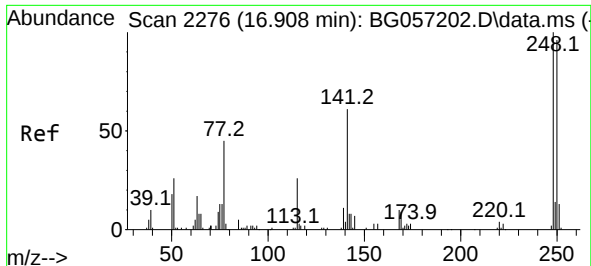


#66
n-Nitrosodiphenylamine
Concen: 3.463 ng
RT: 16.203 min Scan# 2156
Delta R.T. -0.007 min
Lab File: BG057465.D
Acq: 19 May 2023 13:11



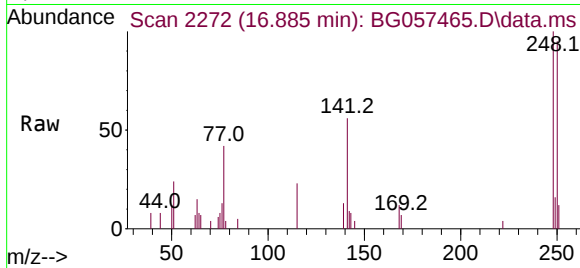
Tgt Ion:169 Resp: 14275
Ion Ratio Lower Upper
169 100
168 65.3 56.2 84.4
167 34.8 30.2 45.4





#67
4-Bromophenyl-phenylether
Concen: 3.473 ng
RT: 16.885 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG057465.D
Acq: 19 May 2023 13:11

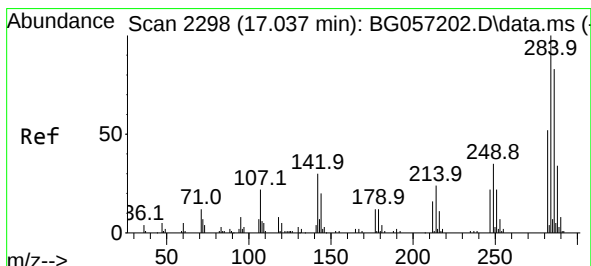
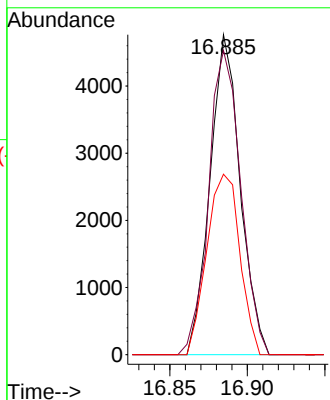
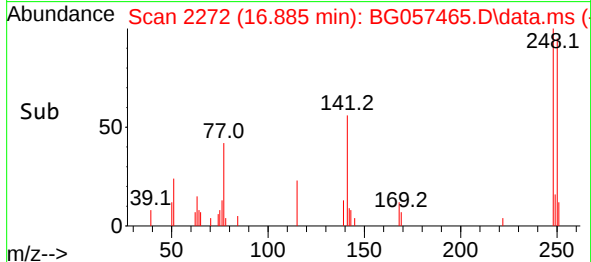
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2023



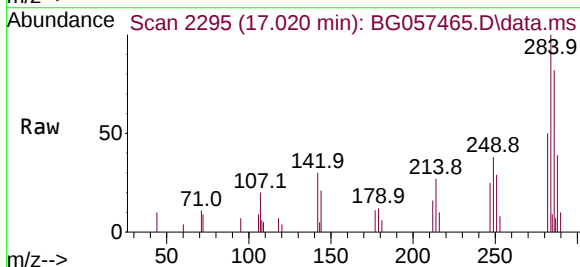
Tgt Ion:248 Resp: 6434
Ion Ratio Lower Upper
248 100
250 95.1 77.0 115.6
141 56.4 48.6 72.8

Manual Integrations
APPROVED

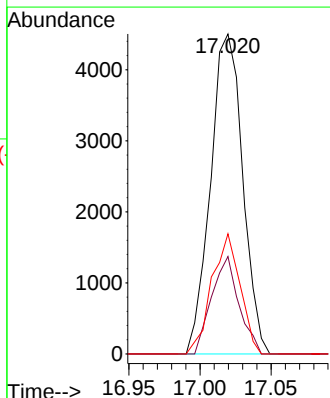
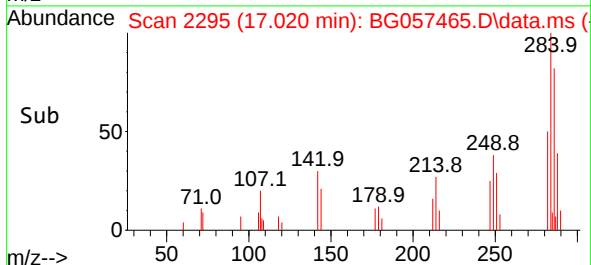
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023

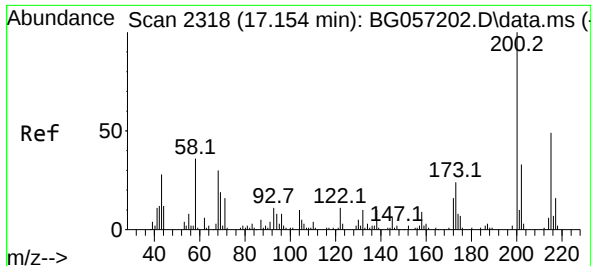


#68
Hexachlorobenzene
Concen: 3.932 ng
RT: 17.020 min Scan# 2295
Delta R.T. -0.001 min
Lab File: BG057465.D
Acq: 19 May 2023 13:11



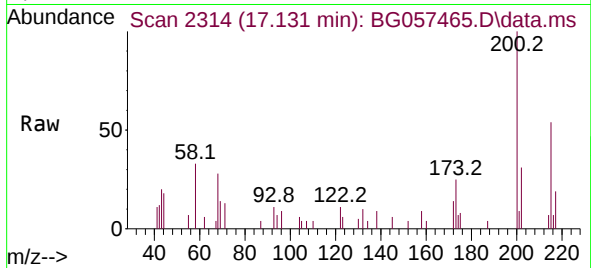
Tgt Ion:284 Resp: 7079
Ion Ratio Lower Upper
284 100
142 30.4 23.9 35.9
249 37.5 27.7 41.5





#69
Atrazine
Concen: 3.720 ng
RT: 17.131 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG057465.D
Acq: 19 May 2023 13:11

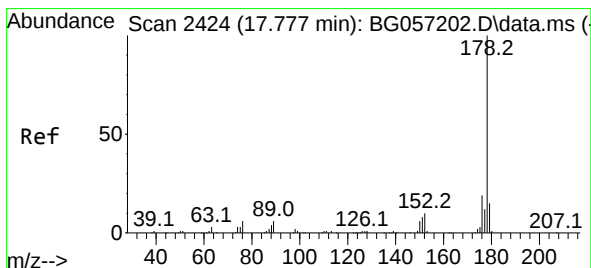
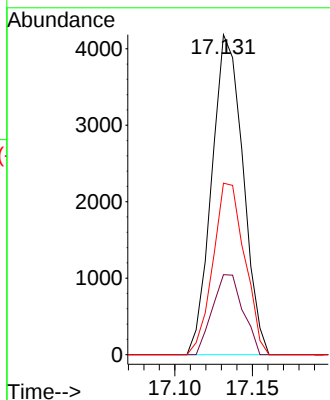
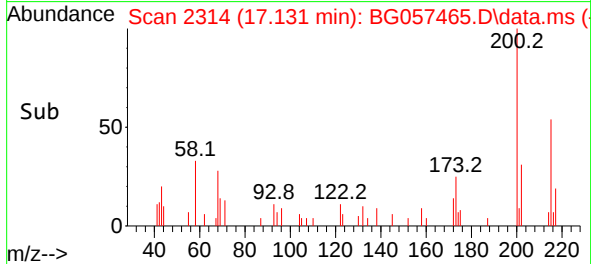
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2023



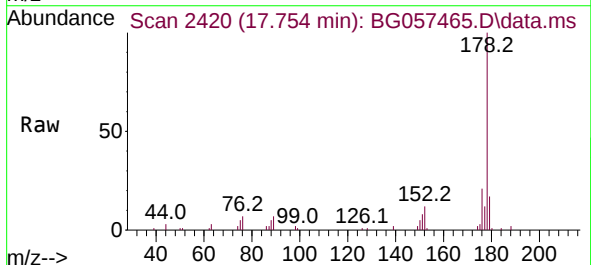
Tgt Ion:200 Resp: 5849
Ion Ratio Lower Upper
200 100
173 25.0 4.3 44.3
215 53.6 29.3 69.3

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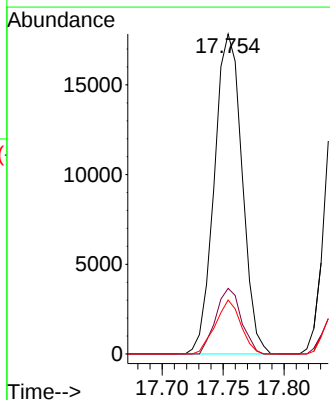
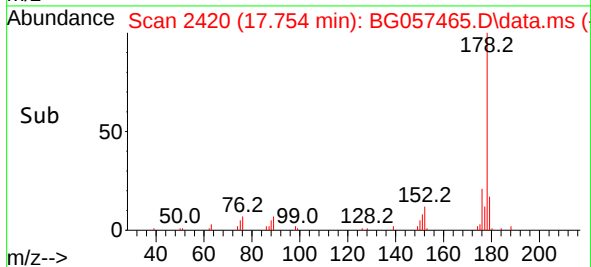
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023

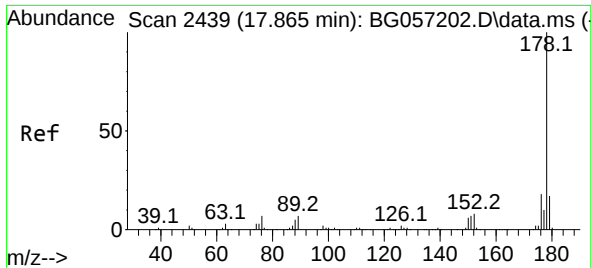


#71
Phenanthrene
Concen: 3.633 ng
RT: 17.754 min Scan# 2420
Delta R.T. -0.001 min
Lab File: BG057465.D
Acq: 19 May 2023 13:11



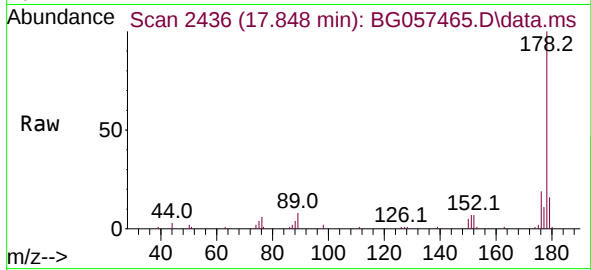
Tgt Ion:178 Resp: 28250
Ion Ratio Lower Upper
178 100
176 20.5 15.4 23.2
179 16.9 12.3 18.5





#72
 Anthracene
 Concen: 3.562 ng
 RT: 17.848 min Scan# 2436
 Delta R.T. -0.001 min
 Lab File: BG057465.D
 Acq: 19 May 2023 13:11

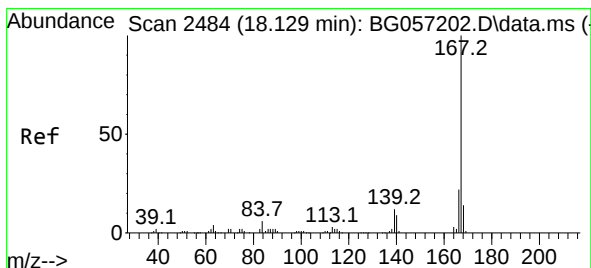
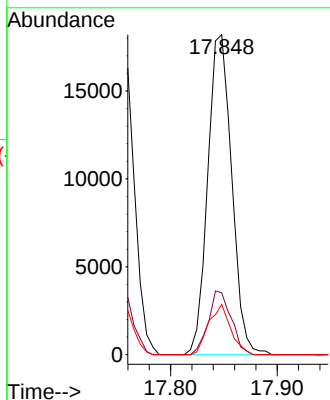
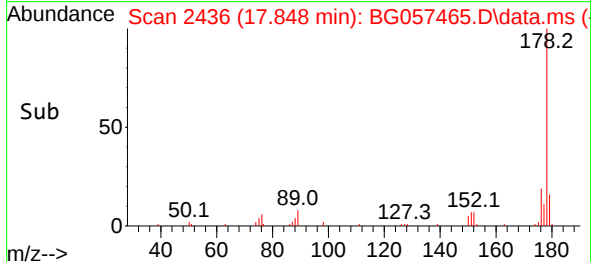
Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT2-2023



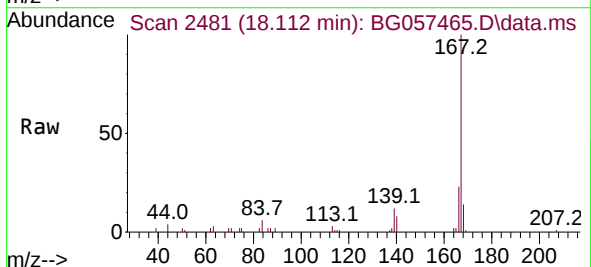
Tgt Ion:178 Resp: 2842
 Ion Ratio Lower Upper
 178 100
 176 19.4 14.7 22.1
 179 15.7 13.2 19.8

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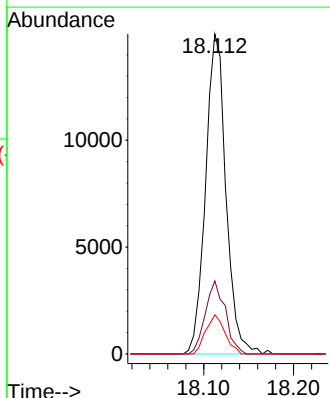
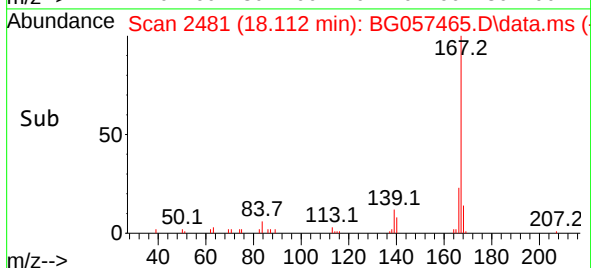
Reviewed By :Christian Giraldo 05/22/2023
 Supervised By :Jagrut Upadhyay 05/22/2023

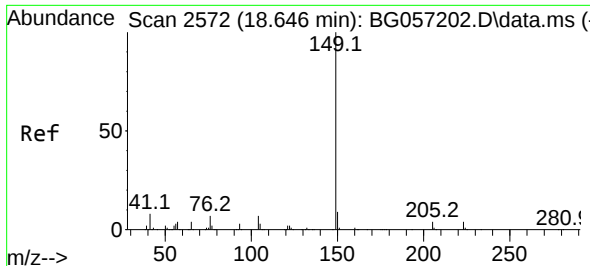


#73
 Carbazole
 Concen: 3.507 ng
 RT: 18.112 min Scan# 2481
 Delta R.T. -0.001 min
 Lab File: BG057465.D
 Acq: 19 May 2023 13:11



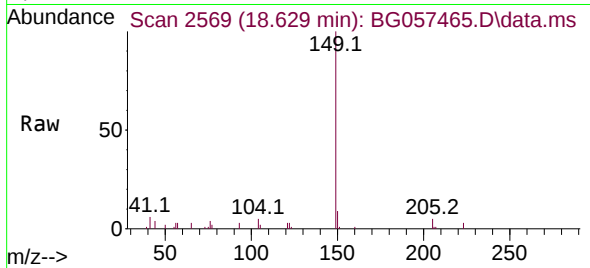
Tgt Ion:167 Resp: 23560
 Ion Ratio Lower Upper
 167 100
 166 22.9 17.4 26.0
 139 12.2 9.6 14.4





#74
Di-n-butylphthalate
Concen: 3.357 ng
RT: 18.629 min Scan# 2569
Delta R.T. -0.001 min
Lab File: BG057465.D
Acq: 19 May 2023 13:11

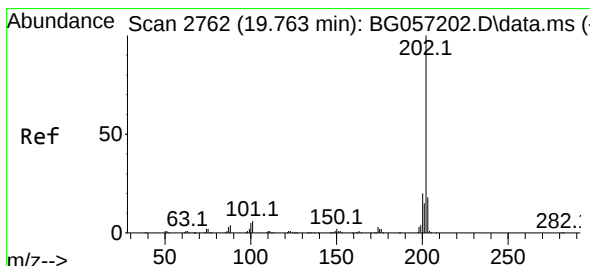
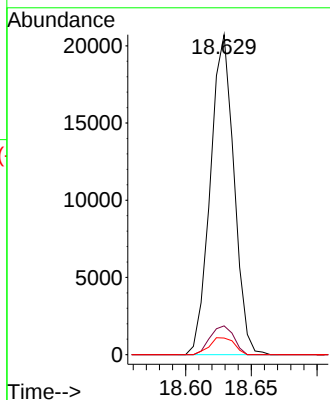
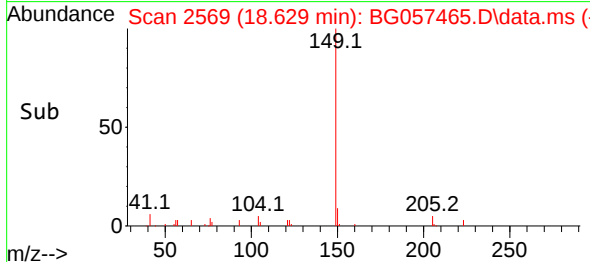
Instrument : BNA_G
ClientSampleId : MDL-WATER-03-QT2-2023



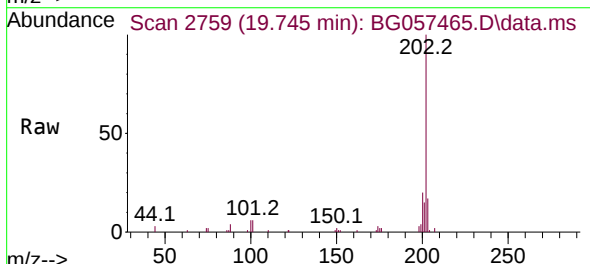
Tgt Ion:149 Resp: 25950
Ion Ratio Lower Upper
149 100
150 9.0 7.3 10.9
104 5.2 5.4 8.2

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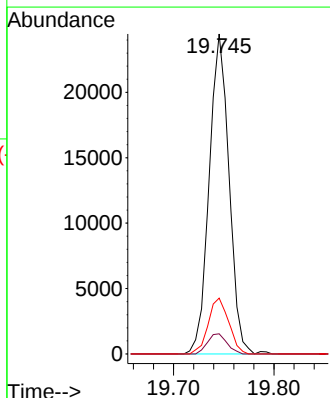
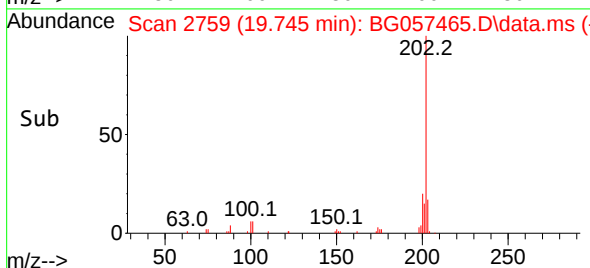
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023

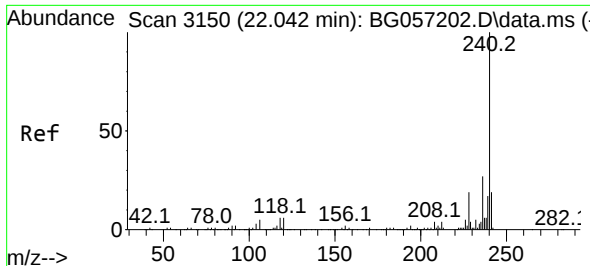


#75
Fluoranthene
Concen: 3.481 ng
RT: 19.745 min Scan# 2759
Delta R.T. -0.001 min
Lab File: BG057465.D
Acq: 19 May 2023 13:11



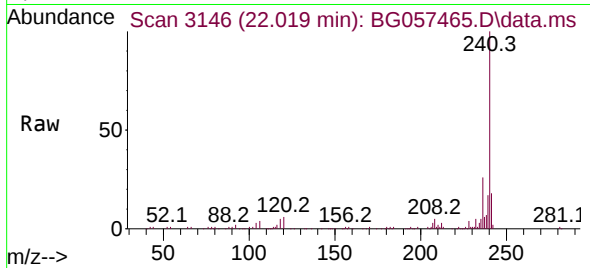
Tgt Ion:202 Resp: 33670
Ion Ratio Lower Upper
202 100
101 6.3 0.0 26.2
203 17.4 0.0 37.9





#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.019 min Scan# 3150
Delta R.T. -0.001 min
Lab File: BG057465.D
Acq: 19 May 2023 13:11

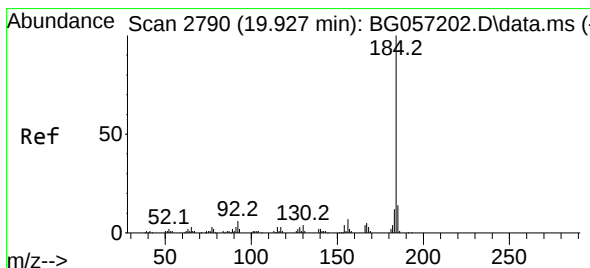
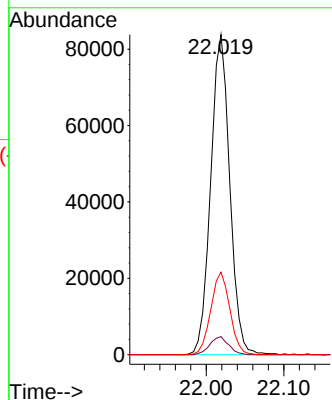
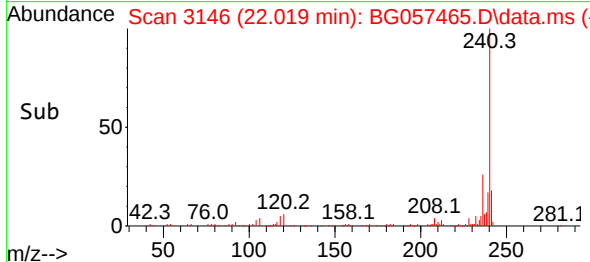
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion:240 Resp: 143110
Ion Ratio Lower Upper
240 100
120 5.6 4.9 7.3
236 25.8 21.4 32.2

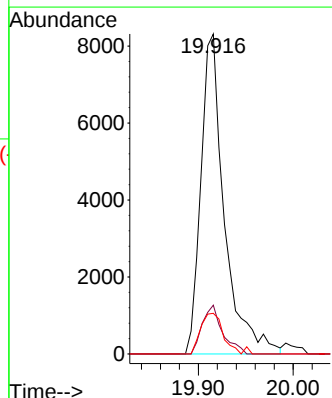
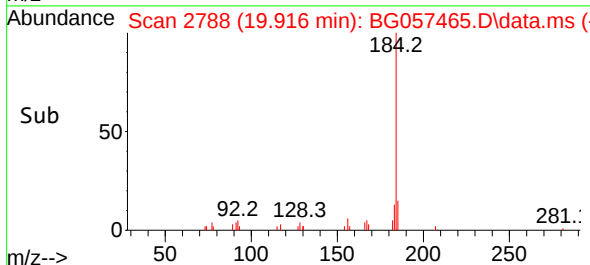
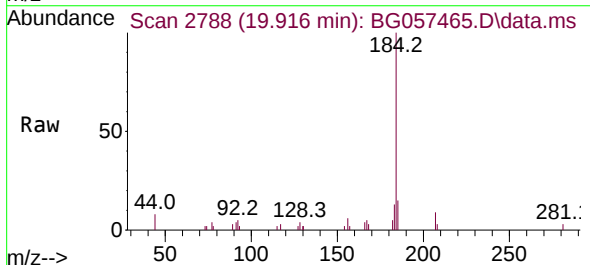
Manual Integrations
APPROVED

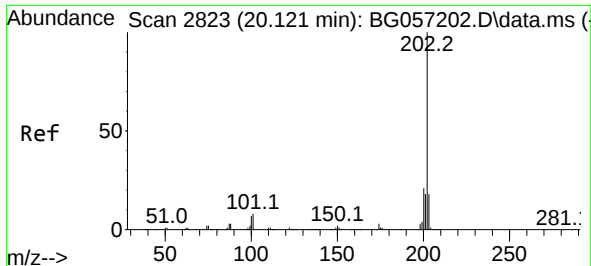
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#77
Benzidine
Concen: 4.459 ng
RT: 19.916 min Scan# 2788
Delta R.T. 0.005 min
Lab File: BG057465.D
Acq: 19 May 2023 13:11

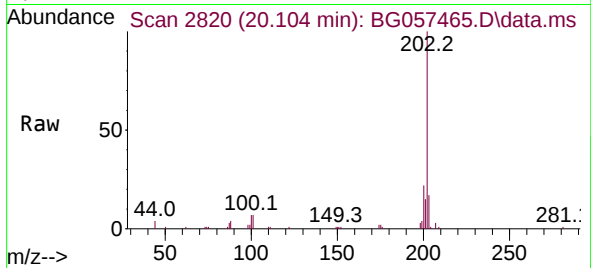
Tgt Ion:184 Resp: 14266
Ion Ratio Lower Upper
184 100
185 15.3 11.1 16.7
183 12.7 9.9 14.9





#78
 Pyrene
 Concen: 3.364 ng
 RT: 20.104 min Scan# 2820
 Delta R.T. -0.001 min
 Lab File: BG057465.D
 Acq: 19 May 2023 13:11

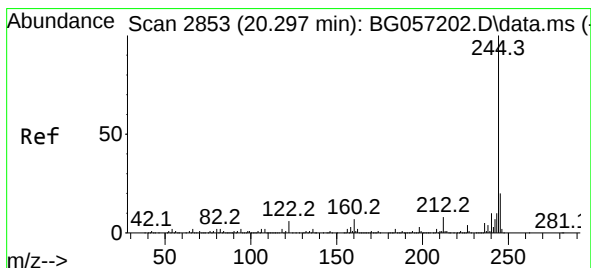
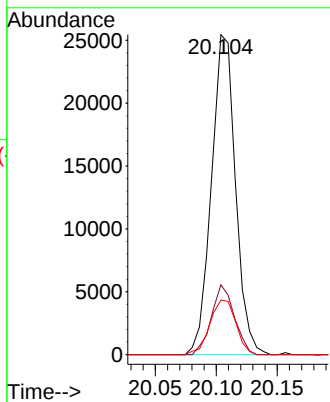
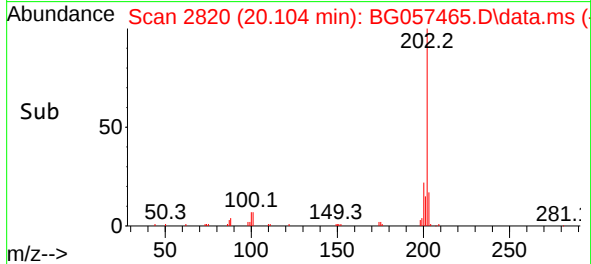
Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT2-2023



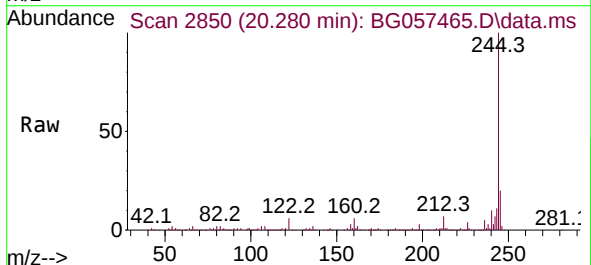
Tgt Ion:202 Resp: 3498
 Ion Ratio Lower Upper
 202 100
 200 21.8 17.0 25.4
 203 17.1 14.2 21.4

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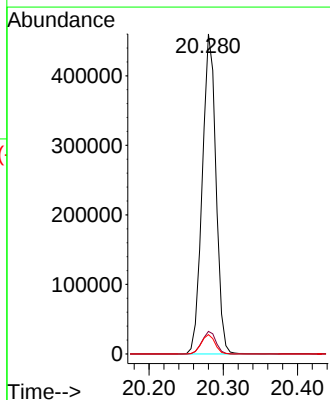
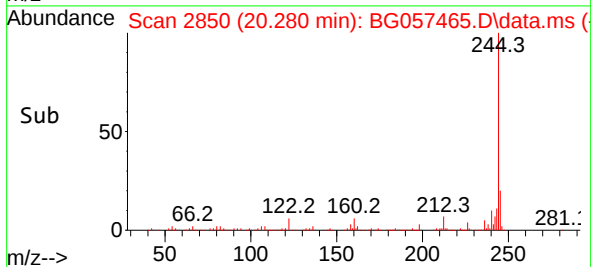
Reviewed By :Christian Giraldo 05/22/2023
 Supervised By :Jagrut Upadhyay 05/22/2023

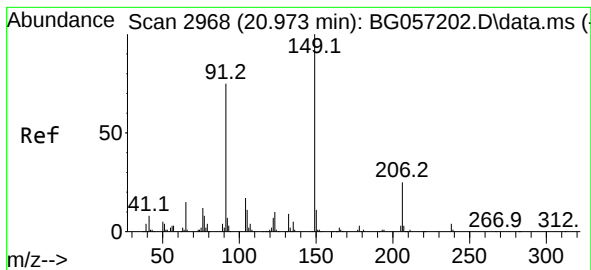


#79
 Terphenyl-d14
 Concen: 67.348 ng
 RT: 20.280 min Scan# 2850
 Delta R.T. -0.001 min
 Lab File: BG057465.D
 Acq: 19 May 2023 13:11



Tgt Ion:244 Resp: 590629
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 6.1 5.1 7.7





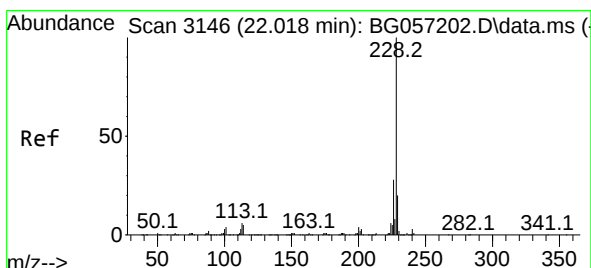
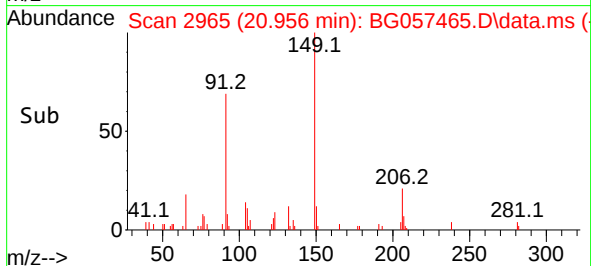
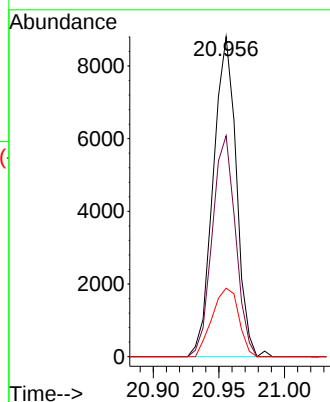
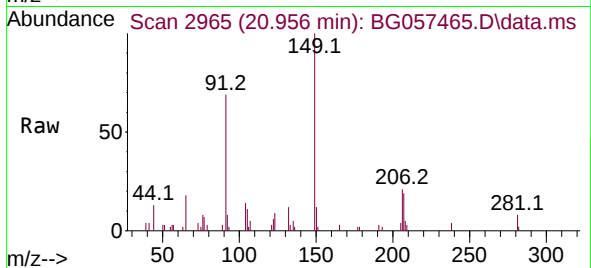
#80
Butylbenzylphthalate
Concen: 3.268 ng
RT: 20.956 min Scan# 2965
Delta R.T. -0.001 min
Lab File: BG057465.D
Acq: 19 May 2023 13:11

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

Tgt Ion:149 Resp: 1078
Ion Ratio Lower Upper
149 100
91 69.0 59.7 89.5
206 21.4 19.7 29.5

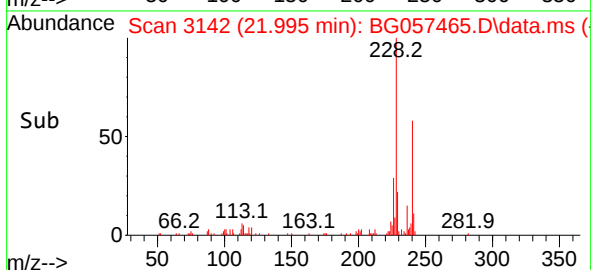
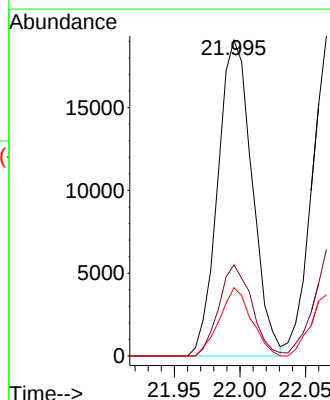
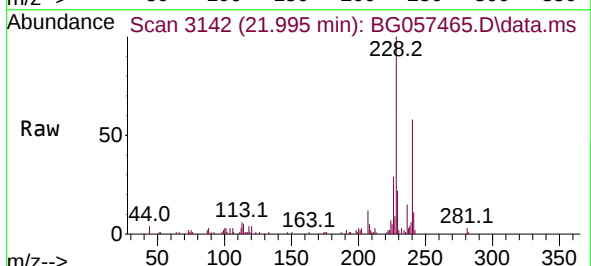
Manual Integrations
APPROVED

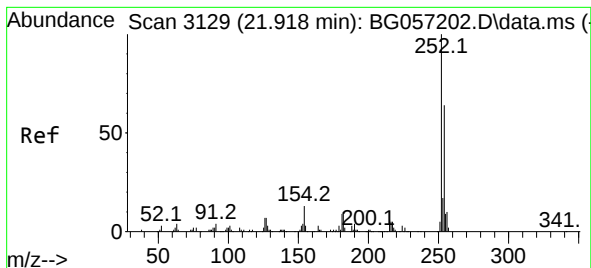
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#81
Benzo(a)anthracene
Concen: 3.393 ng
RT: 21.995 min Scan# 3142
Delta R.T. -0.001 min
Lab File: BG057465.D
Acq: 19 May 2023 13:11

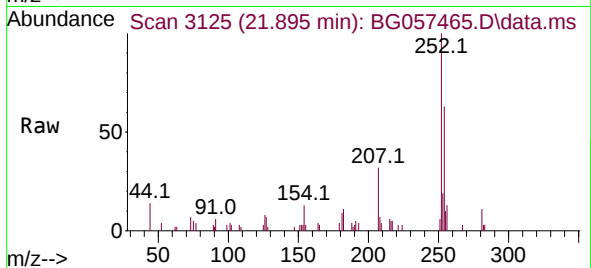
Tgt Ion:228 Resp: 34599
Ion Ratio Lower Upper
228 100
226 28.9 22.0 33.0
229 21.6 15.8 23.8





#82
 3,3'-Dichlorobenzidine
 Concen: 3.949 ng
 RT: 21.895 min Scan# 3125
 Delta R.T. -0.001 min
 Lab File: BG057465.D
 Acq: 19 May 2023 13:11

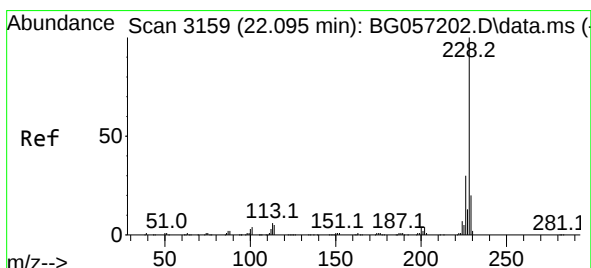
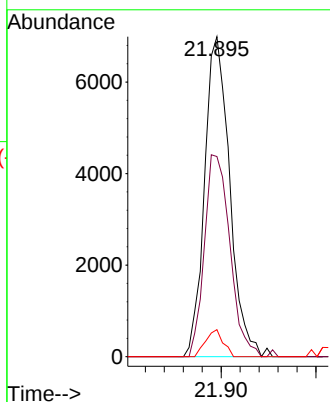
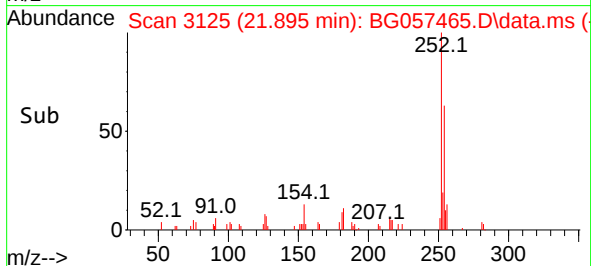
Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT2-2023



Tgt Ion:252 Resp: 12895
 Ion Ratio Lower Upper
 252 100
 254 62.6 51.4 77.0
 126 8.4 5.9 8.9

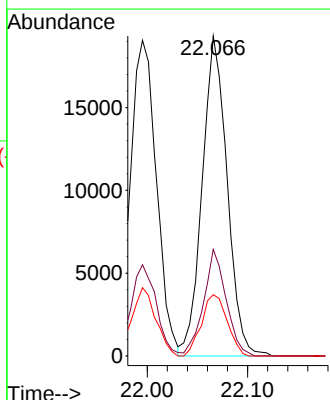
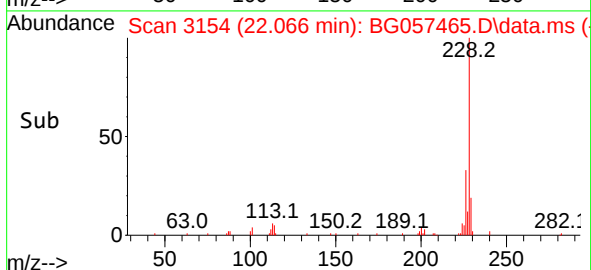
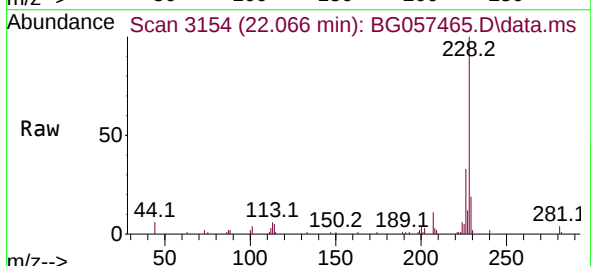
Manual Integrations
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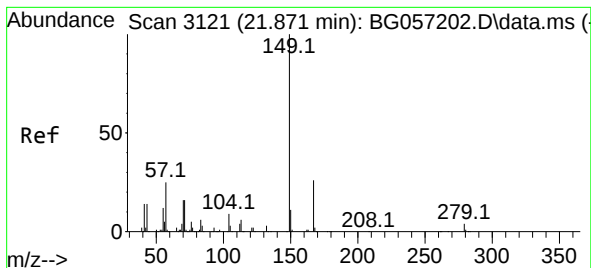
Reviewed By :Christian Giraldo 05/22/2023
 Supervised By :Jagrut Upadhyay 05/22/2023



#83
 Chrysene
 Concen: 3.477 ng
 RT: 22.066 min Scan# 3154
 Delta R.T. -0.007 min
 Lab File: BG057465.D
 Acq: 19 May 2023 13:11

Tgt Ion:228 Resp: 33354
 Ion Ratio Lower Upper
 228 100
 226 33.3 24.3 36.5
 229 19.1 15.9 23.9





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.189 ng

RT: 21.843 min Scan# 3116

Delta R.T. -0.001 min

Lab File: BG057465.D

Acq: 19 May 2023 13:11

Instrument :

BNA_G

ClientSampleId :

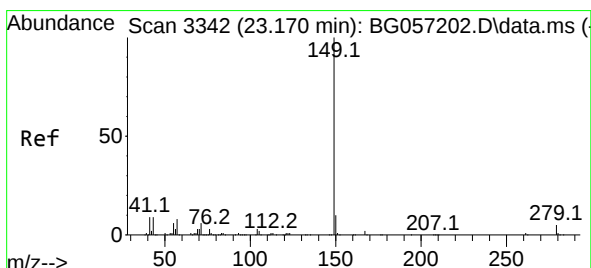
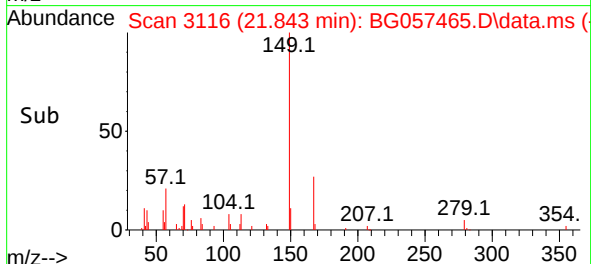
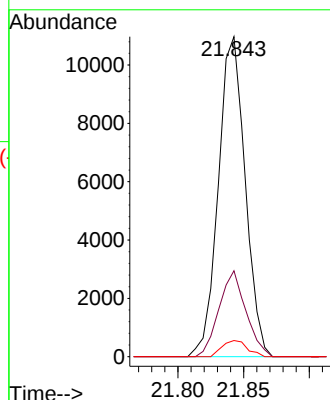
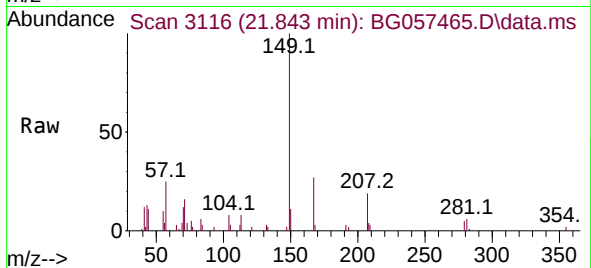
MDL-WATER-03-QT2-2023

Tgt Ion:149 Resp: 15570
 Ion Ratio Lower Upper
 149 100
 167 26.9 21.2 31.8
 279 5.1 3.5 5.3

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



#85

Di-n-octyl phthalate

Concen: 3.282 ng

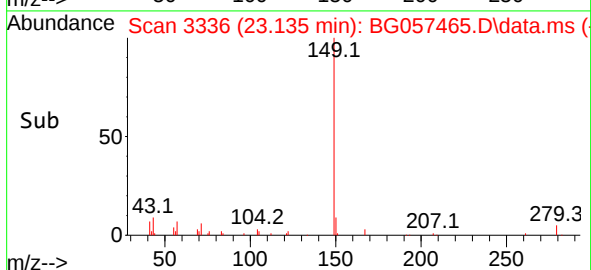
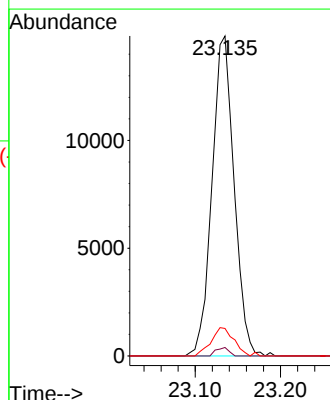
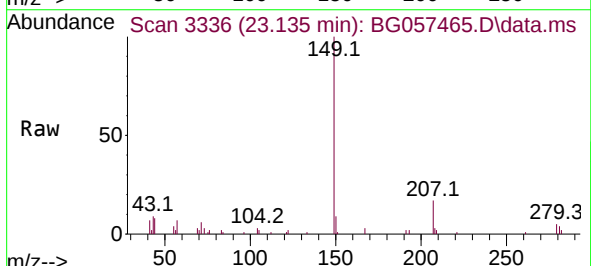
RT: 23.135 min Scan# 3336

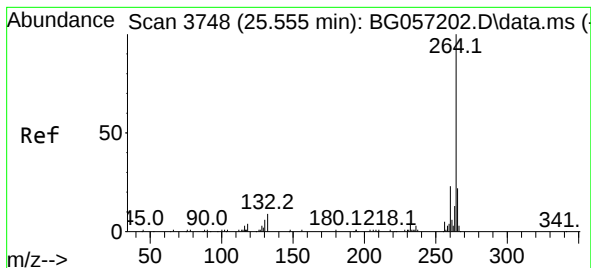
Delta R.T. -0.001 min

Lab File: BG057465.D

Acq: 19 May 2023 13:11

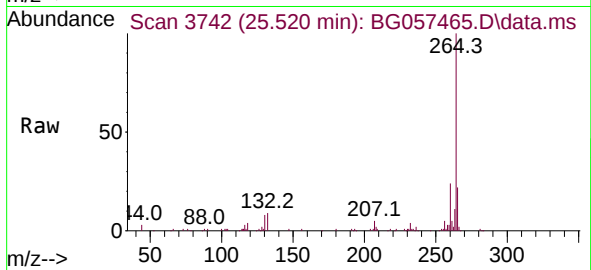
Tgt Ion:149 Resp: 26713
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 9.0 7.8 11.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.520 min Scan# 31
Delta R.T. 0.005 min
Lab File: BG057465.D
Acq: 19 May 2023 13:11

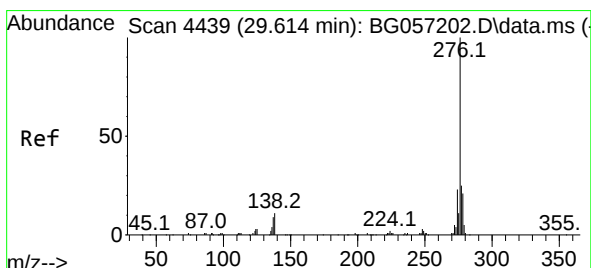
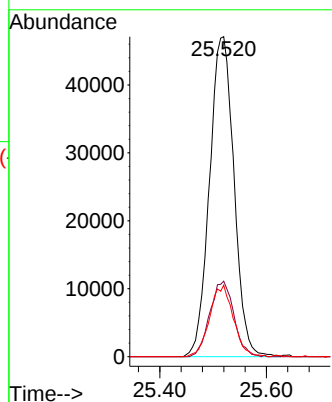
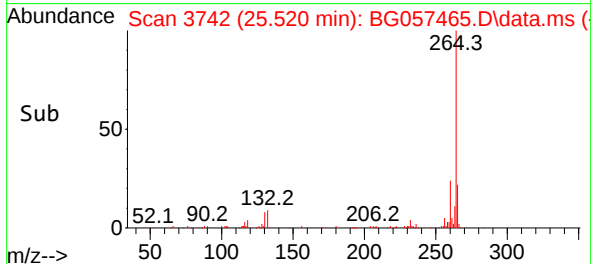
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion:264 Resp: 149970
Ion Ratio Lower Upper
264 100
260 23.6 18.8 28.2
265 22.3 17.9 26.9

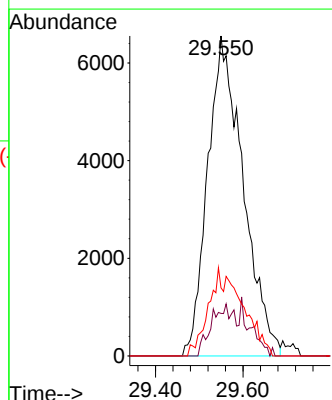
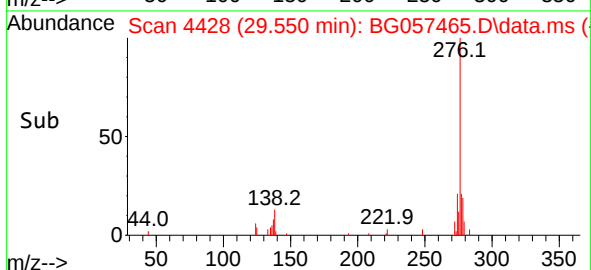
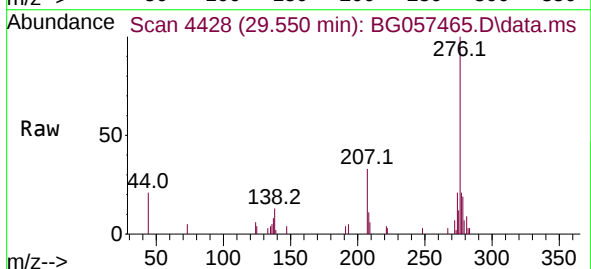
Manual Integrations
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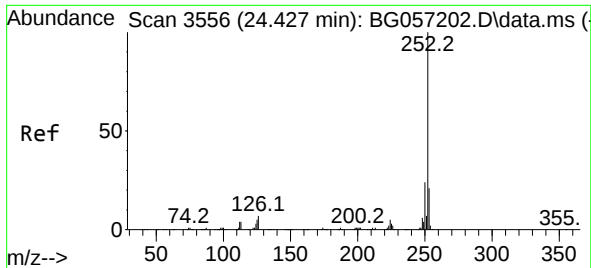
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#87
Indeno(1,2,3-cd)pyrene
Concen: 3.375 ng
RT: 29.550 min Scan# 4428
Delta R.T. -0.013 min
Lab File: BG057465.D
Acq: 19 May 2023 13:11

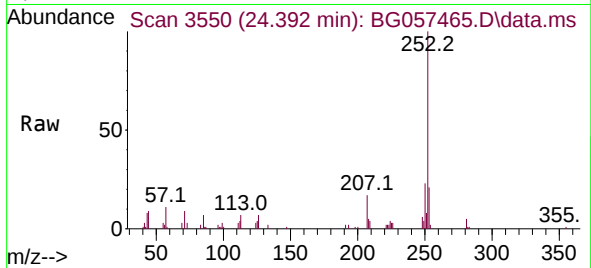
Tgt Ion:276 Resp: 36892
Ion Ratio Lower Upper
276 100
138 10.2 5.4 8.0#
277 11.6 20.6 30.8#





#88
Benzo(b)fluoranthene
Concen: 3.530 ng
RT: 24.392 min Scan# 3550
Delta R.T. -0.001 min
Lab File: BG057465.D
Acq: 19 May 2023 13:11

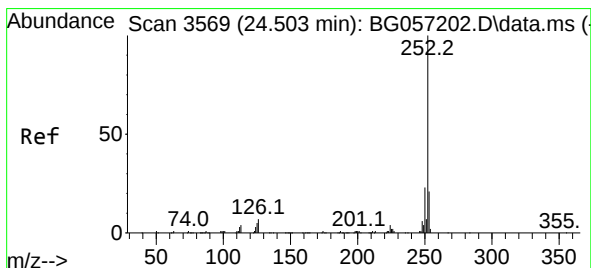
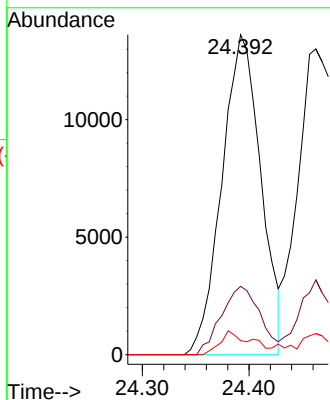
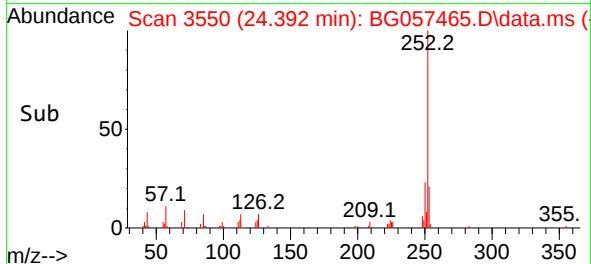
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion:252 Resp: 3460
Ion Ratio Lower Upper
252 100
253 21.3 17.0 25.6
125 4.4 4.2 6.2

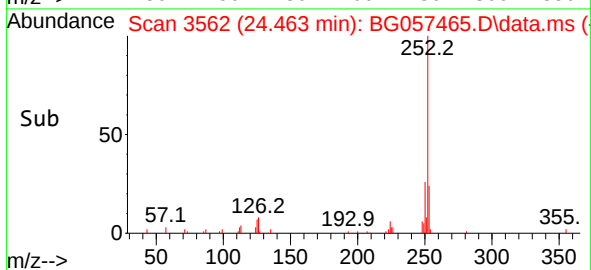
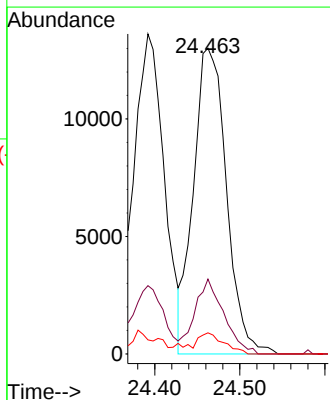
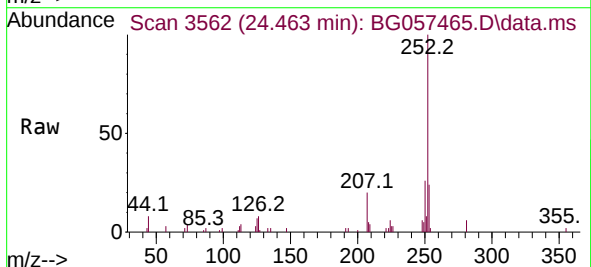
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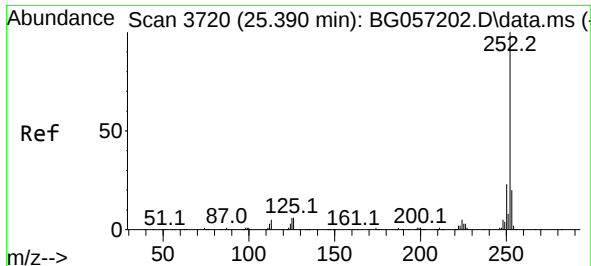
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023



#89
Benzo(k)fluoranthene
Concen: 3.527 ng m
RT: 24.463 min Scan# 3562
Delta R.T. -0.007 min
Lab File: BG057465.D
Acq: 19 May 2023 13:11

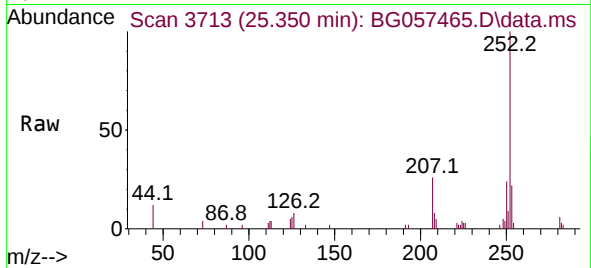
Tgt Ion:252 Resp: 35135
Ion Ratio Lower Upper
252 100
253 24.5 17.4 26.0
125 6.9 4.1 6.1#





#90
Benzo(a)pyrene
Concen: 3.156 ng
RT: 25.350 min Scan# 31
Delta R.T. -0.007 min
Lab File: BG057465.D
Acq: 19 May 2023 13:11

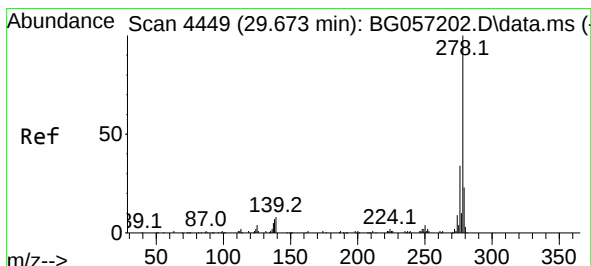
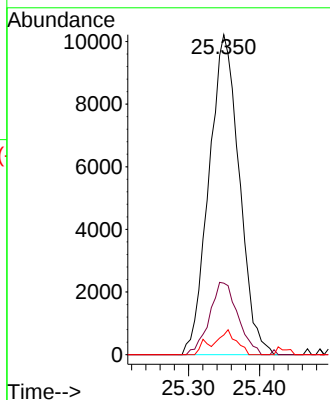
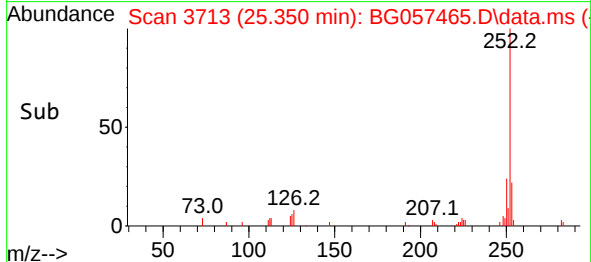
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2023



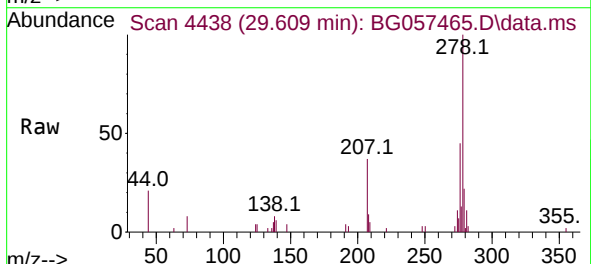
Tgt Ion:252 Resp: 3022
Ion Ratio Lower Upper
252 100
253 22.4 16.3 24.5
125 6.1 5.0 7.4

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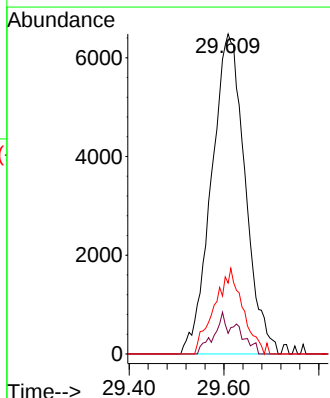
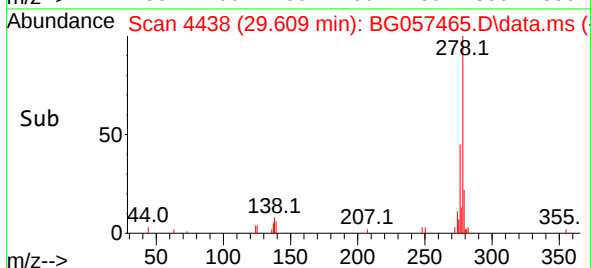
Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023

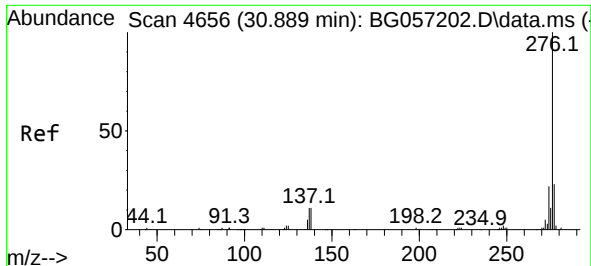


#91
Dibenzo(a,h)anthracene
Concen: 3.498 ng
RT: 29.609 min Scan# 4438
Delta R.T. -0.001 min
Lab File: BG057465.D
Acq: 19 May 2023 13:11



Tgt Ion:278 Resp: 31845
Ion Ratio Lower Upper
278 100
139 6.4 6.2 9.2
279 22.2 18.6 27.8





#92

Benzo(g,h,i)perylene

Concen: 3.420 ng

RT: 30.836 min Scan# 4

Delta R.T. -0.001 min

Lab File: BG057465.D

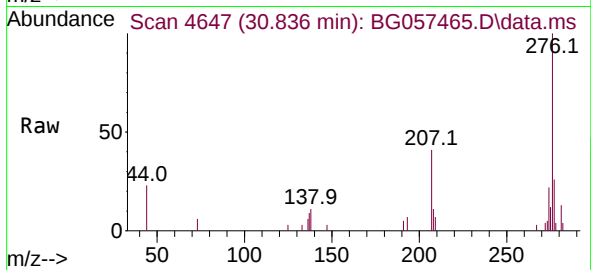
Acq: 19 May 2023 13:11

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT2-2023



Tgt Ion:276 Resp: 30400

Ion Ratio Lower Upper

276 100

277 26.5 18.4 27.6

138 10.8 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/22/2023

Supervised By :Jagrut Upadhyay 05/22/2023

