

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033123\
 Data File : BG056942.D
 Acq On : 31 Mar 2023 13:26
 Operator : CG/JU
 Sample : 01627-08
 Misc : LOQ-WATER-10ppm
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT1-2023

Quant Time: Apr 01 02:33:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 03:23:11 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 04/03/2023
 Supervised By : Jagrut Upadhyay 04/03/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.416	152	16875	20.000	ng	0.00
21) Naphthalene-d8	11.254	136	66715	20.000	ng	0.00
39) Acenaphthene-d10	15.025	164	52995	20.000	ng	0.00
64) Phenanthrene-d10	17.768	188	131140	20.000	ng	0.00
76) Chrysene-d12	22.092	240	123331	20.000	ng	0.00
86) Perylene-d12	25.634	264	134175	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.920	112	107247	101.714	ng	0.00
7) Phenol-d6	7.541	99	162262	102.894	ng	0.00
23) Nitrobenzene-d5	9.591	82	124889	76.597	ng	0.00
42) 2,4,6-Tribromophenol	16.505	330	93989	111.018	ng	0.00
45) 2-Fluorobiphenyl	13.656	172	305169	78.085	ng	0.00
79) Terphenyl-d14	20.336	244	578503	79.373	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.723	88	4144	8.966	ng	99
3) Pyridine	4.157	79	12060	8.101	ng	96
4) n-Nitrosodimethylamine	4.058	42	5853	8.551	ng	# 90
6) Aniline	7.723	93	18036	8.946	ng	93
8) 2-Chlorophenol	7.964	128	9216	8.775	ng	94
9) Benzaldehyde	7.535	77	11294	11.418	ng	95
10) Phenol	7.565	94	14342	9.178	ng	97
11) bis(2-Chloroethyl)ether	7.811	93	10316	9.268	ng	98
12) 1,3-Dichlorobenzene	8.305	146	11130	9.591	ng	99
13) 1,4-Dichlorobenzene	8.452	146	10978	9.373	ng	95
14) 1,2-Dichlorobenzene	8.775	146	11545	10.203	ng	90
15) Benzyl Alcohol	8.640	79	12187	9.301	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.927	45	11921	8.887	ng	93
17) 2-Methylphenol	8.839	107	9935	8.912	ng	86
18) Hexachloroethane	9.521	117	4369	10.206	ng	# 86
19) n-Nitroso-di-n-propyla...	9.215	70	10341	9.168	ng	# 93
20) 3+4-Methylphenols	9.162	107	13203	8.470	ng	91
22) Acetophenone	9.233	105	18900	9.521	ng	# 93
24) Nitrobenzene	9.632	77	15897	9.536	ng	97
25) Isophorone	10.149	82	29119	9.379	ng	98
26) 2-Nitrophenol	10.349	139	6096	9.474	ng	91
27) 2,4-Dimethylphenol	10.390	122	10913	9.606	ng	97
28) bis(2-Chloroethoxy)met...	10.625	93	14604	9.395	ng	98
29) 2,4-Dichlorophenol	10.889	162	10516	8.607	ng	92
30) 1,2,4-Trichlorobenzene	11.107	180	12701	9.784	ng	91
31) Naphthalene	11.307	128	34467	9.478	ng	98
32) Benzoic acid	10.467	122	7120m	9.124	ng	
33) 4-Chloroaniline	11.401	127	14393	8.764	ng	98
34) Hexachlorobutadiene	11.583	225	8289	8.500	ng	96
35) Caprolactam	12.141	113	3848	9.133	ng	98
36) 4-Chloro-3-methylphenol	12.487	107	11883	8.697	ng	94
37) 2-Methylnaphthalene	12.881	142	26995	9.353	ng	99
38) 1-Methylnaphthalene	13.092	142	23931	8.830	ng	# 98
40) 1,2,4,5-Tetrachloroben...	13.239	216	17327	9.429	ng	98
41) Hexachlorocyclopentadiene	13.216	237	10124	9.999	ng	99
43) 2,4,6-Trichlorophenol	13.468	196	10885	9.282	ng	89

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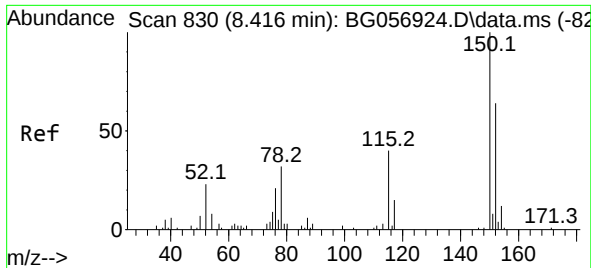
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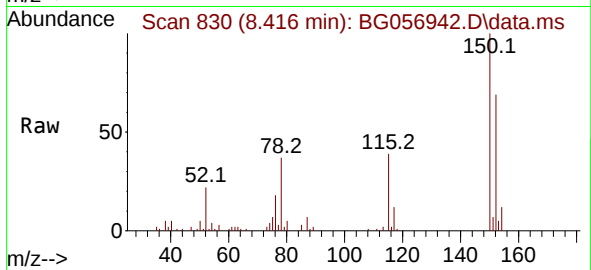
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.533	196	11129	8.011	ng	94
46) 1,1'-Biphenyl	13.868	154	36077	9.300	ng	98
47) 2-Chloronaphthalene	13.915	162	27735	9.667	ng	97
48) 2-Nitroaniline	14.103	65	9034	8.806	ng	92
49) Acenaphthylene	14.755	152	44460	9.431	ng	98
50) Dimethylphthalate	14.461	163	37235	8.917	ng	# 97
51) 2,6-Dinitrotoluene	14.584	165	7649	8.478	ng	91
52) Acenaphthene	15.090	154	31625	9.727	ng	95
53) 3-Nitroaniline	14.919	138	8009	8.969	ng	89
54) 2,4-Dinitrophenol	15.119	184	5137	10.116	ng	# 81
55) Dibenzofuran	15.419	168	45313	9.286	ng	96
56) 4-Nitrophenol	15.201	139	5842	8.847	ng	# 85
57) 2,4-Dinitrotoluene	15.366	165	11231	8.826	ng	# 99
58) Fluorene	16.065	166	38536	9.544	ng	# 95
59) 2,3,4,6-Tetrachlorophenol	15.636	232	11909	9.415	ng	# 96
60) Diethylphthalate	15.806	149	39286	9.385	ng	98
61) 4-Chlorophenyl-phenyle...	16.047	204	20582	8.682	ng	97
62) 4-Nitroaniline	16.071	138	8261	8.929	ng	94
63) Azobenzene	16.341	77	39145	9.383	ng	96
65) 4,6-Dinitro-2-methylph...	16.129	198	6428	8.093	ng	92
66) n-Nitrosodiphenylamine	16.259	169	32109	9.121	ng	96
67) 4-Bromophenyl-phenylether	16.946	248	15525	9.568	ng	88
68) Hexachlorobenzene	17.069	284	15716	9.797	ng	95
69) Atrazine	17.187	200	14525	9.940	ng	96
70) Pentachlorophenol	17.410	266	10446	9.076	ng	97
71) Phenanthrene	17.810	178	62577	9.359	ng	98
72) Anthracene	17.904	178	63932	9.327	ng	97
73) Carbazole	18.162	167	57004	9.539	ng	97
74) Di-n-butylphthalate	18.691	149	63820	9.223	ng	98
75) Fluoranthene	19.795	202	78474	9.259	ng	97
77) Benzidine	19.960	184	43709	12.966	ng	94
78) Pyrene	20.159	202	80226	9.405	ng	98
80) Butylbenzylphthalate	21.017	149	25027	8.526	ng	99
81) Benzo(a)anthracene	22.068	228	78192	9.162	ng	97
82) 3,3'-Dichlorobenzidine	21.963	252	30548	10.600	ng	# 89
83) Chrysene	22.139	228	74305	9.299	ng	98
84) Bis(2-ethylhexyl)phtha...	21.922	149	38412	9.037	ng	98
85) Di-n-octyl phthalate	23.243	149	65599	9.158	ng	99
87) Indeno(1,2,3-cd)pyrene	29.717	276	90977	9.175	ng	98
88) Benzo(b)fluoranthene	24.500	252	81476	9.711	ng	96
89) Benzo(k)fluoranthene	24.571	252	78812m	9.409	ng	
90) Benzo(a)pyrene	25.464	252	71549	8.678	ng	# 96
91) Dibenzo(a,h)anthracene	29.787	278	77669	9.529	ng	96
92) Benzo(g,h,i)perylene	31.003	276	72240	9.051	ng	# 98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.416 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG056942.D
Acq: 31 Mar 2023 13:26

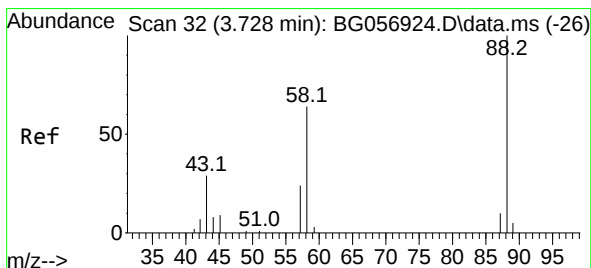
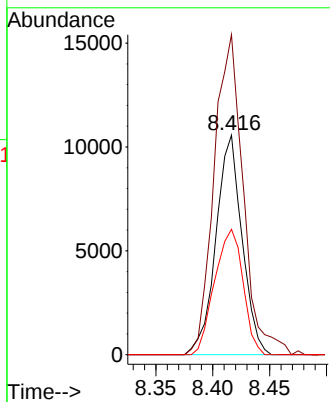
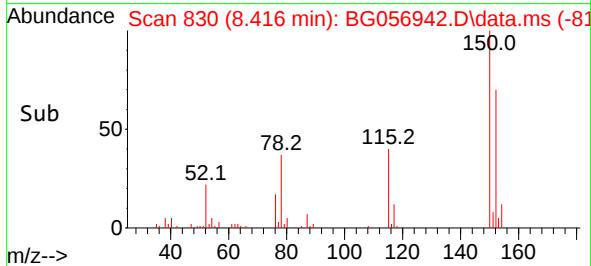
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion: 152 Resp: 1687
Ion Ratio Lower Upper
152 100
150 145.8 124.1 186.1
115 57.2 49.1 73.7

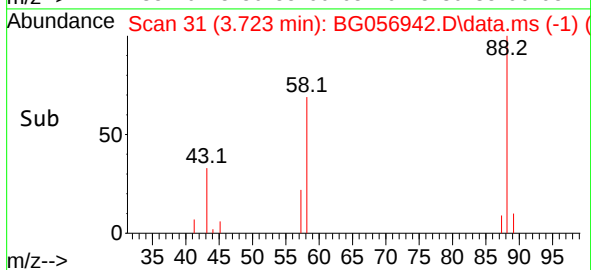
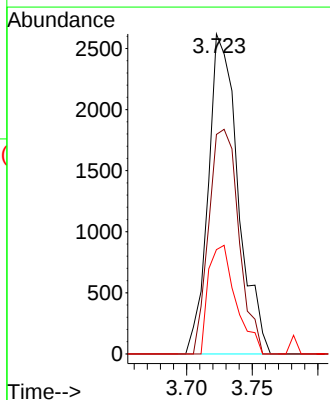
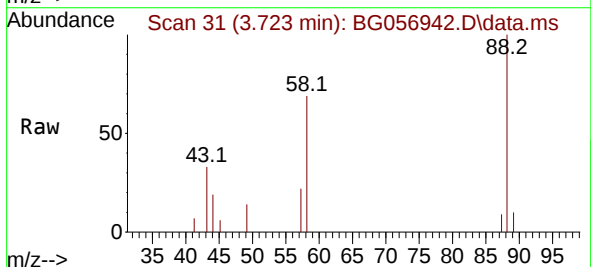
Manual Integrations
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Supervised By :Jagrut Upadhyay 04/03/2023



#2
1,4-Dioxane
Concen: 8.966 ng
RT: 3.723 min Scan# 31
Delta R.T. -0.005 min
Lab File: BG056942.D
Acq: 31 Mar 2023 13:26

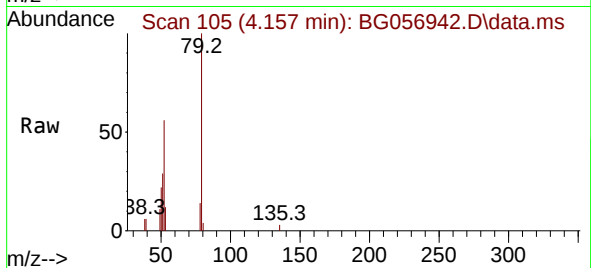
Tgt Ion: 88 Resp: 4144
Ion Ratio Lower Upper
88 100
58 70.6 55.9 83.9
43 31.2 25.7 38.5





#3
Pyridine
Concen: 8.101 ng
RT: 4.157 min Scan# 104
Delta R.T. 0.006 min
Lab File: BG056942.D
Acq: 31 Mar 2023 13:26

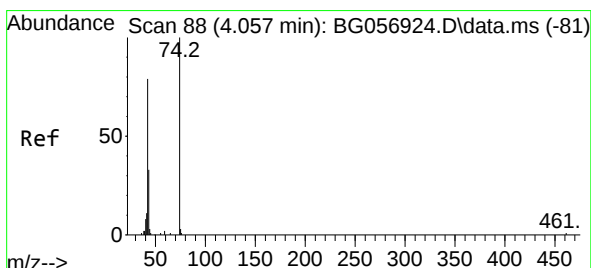
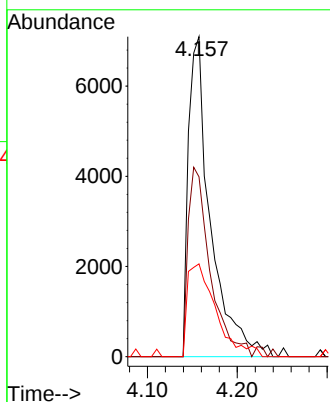
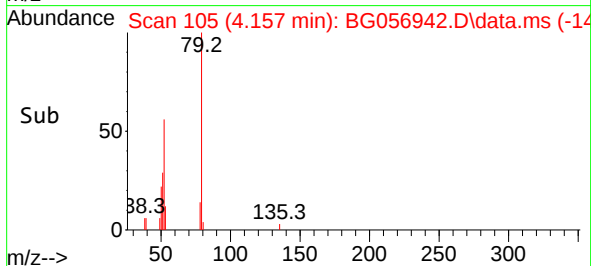
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion: 79 Resp: 12060
Ion Ratio Lower Upper
79 100
52 56.2 46.1 69.1
51 29.0 26.1 39.1

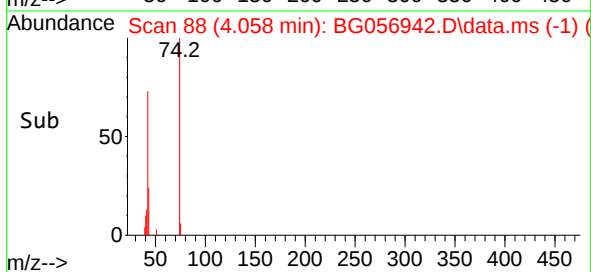
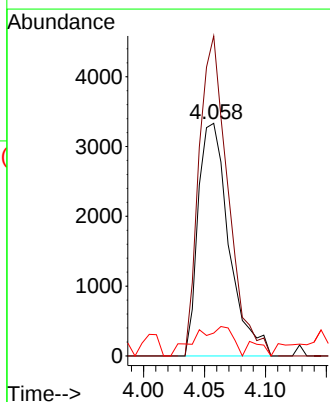
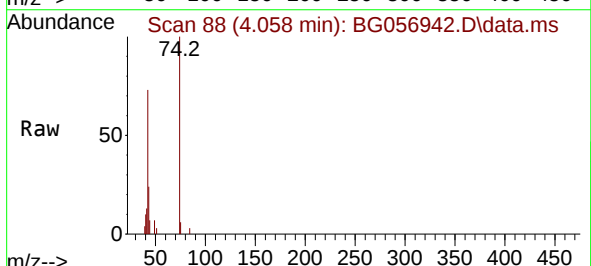
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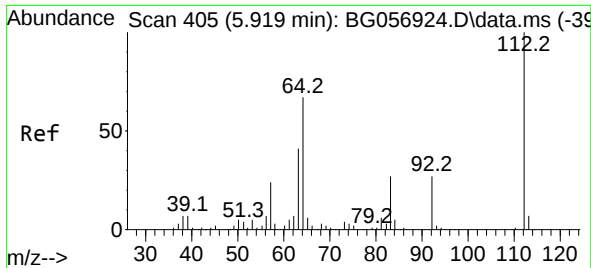
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#4
n-Nitrosodimethylamine
Concen: 8.551 ng
RT: 4.058 min Scan# 88
Delta R.T. 0.000 min
Lab File: BG056942.D
Acq: 31 Mar 2023 13:26

Tgt Ion: 42 Resp: 5853
Ion Ratio Lower Upper
42 100
74 137.6 100.6 151.0
44 9.8 4.6 7.0





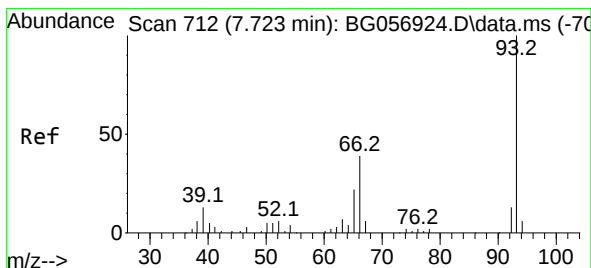
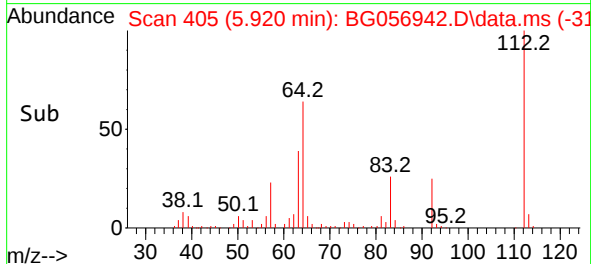
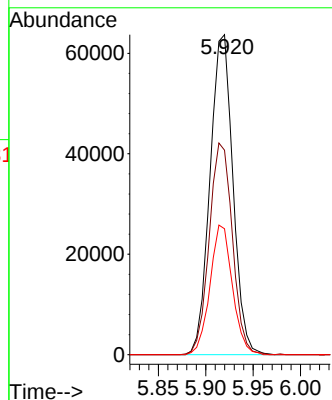
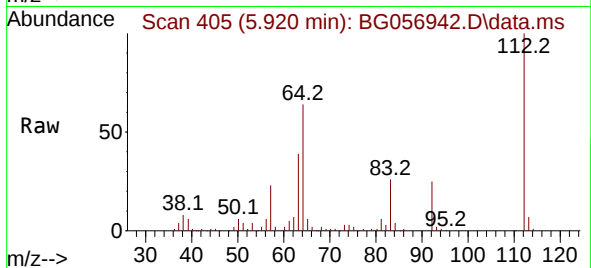
#5
2-Fluorophenol
Concen: 101.714 ng
RT: 5.920 min Scan# 405
Delta R.T. 0.000 min
Lab File: BG056942.D
Acq: 31 Mar 2023 13:26

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2023

Tgt Ion:112 Resp: 10724
Ion Ratio Lower Upper
112 100
64 63.9 53.2 79.8
63 39.4 32.6 48.8

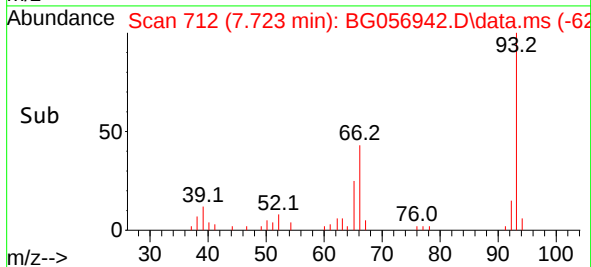
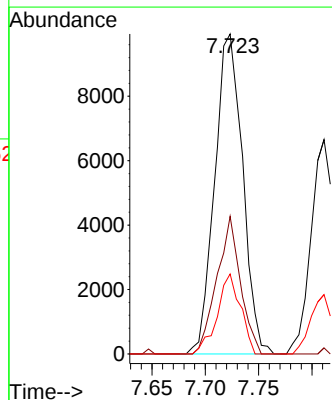
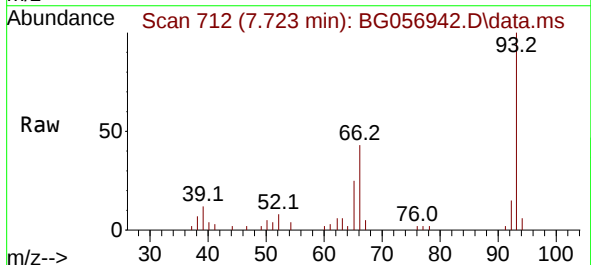
Manual Integrations
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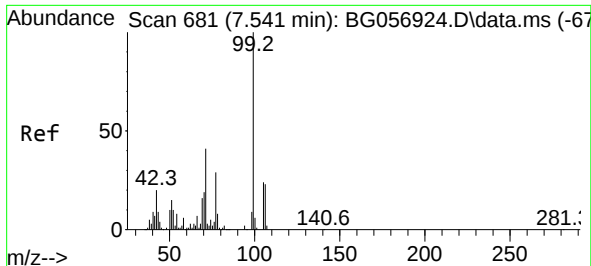
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#6
Aniline
Concen: 8.946 ng
RT: 7.723 min Scan# 712
Delta R.T. 0.000 min
Lab File: BG056942.D
Acq: 31 Mar 2023 13:26

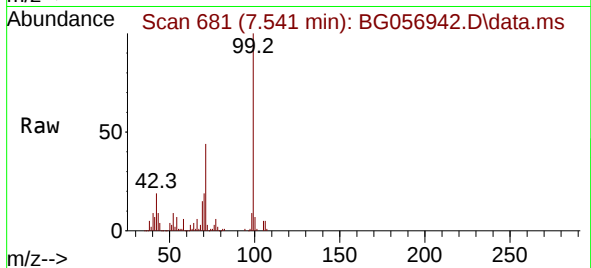
Tgt Ion: 93 Resp: 18036
Ion Ratio Lower Upper
93 100
66 43.0 31.4 47.0
65 25.0 17.3 25.9





#7
Phenol-d6
Concen: 102.894 ng
RT: 7.541 min Scan# 681
Delta R.T. 0.000 min
Lab File: BG056942.D
Acq: 31 Mar 2023 13:26

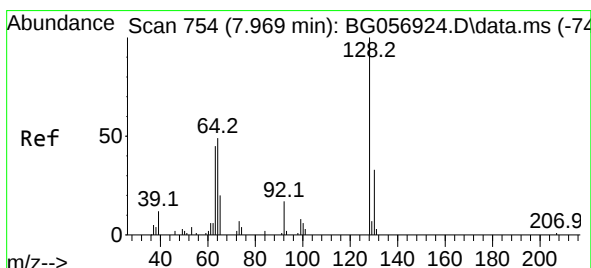
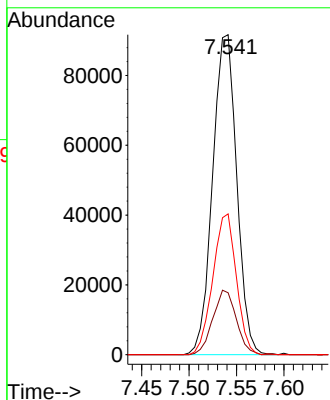
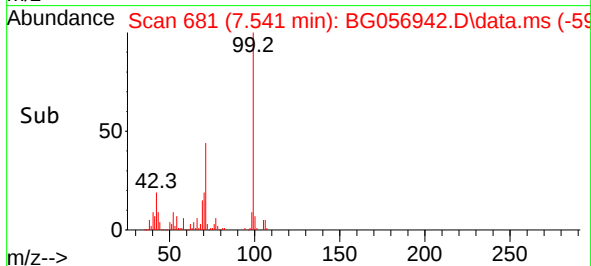
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion: 99 Resp: 16226
Ion Ratio Lower Upper
99 100
42 19.4 15.7 23.5
71 44.0 32.5 48.7

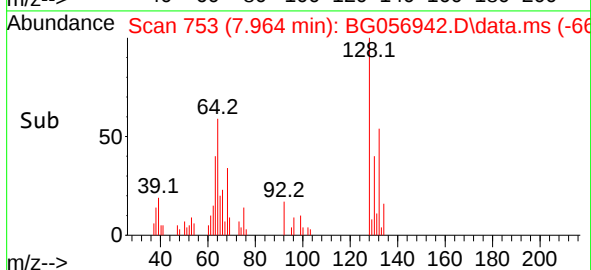
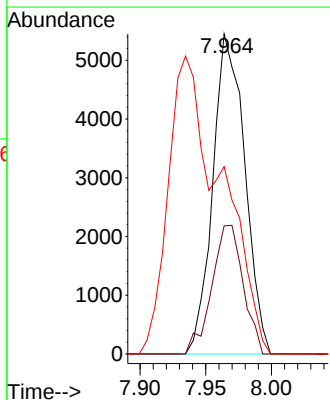
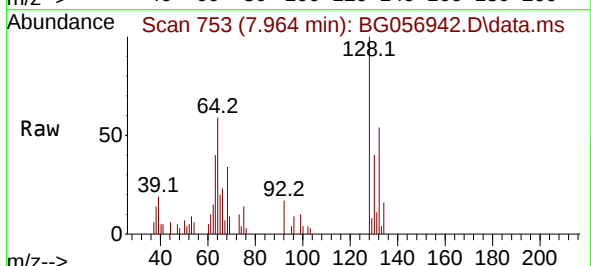
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#8
2-Chlorophenol
Concen: 8.775 ng
RT: 7.964 min Scan# 753
Delta R.T. -0.005 min
Lab File: BG056942.D
Acq: 31 Mar 2023 13:26

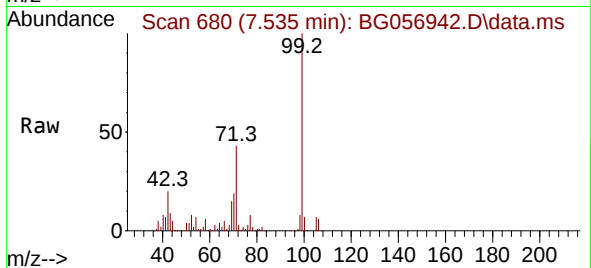
Tgt Ion:128 Resp: 9216
Ion Ratio Lower Upper
128 100
130 40.1 12.6 52.6
64 58.5 40.6 80.6





#9
Benzaldehyde
Concen: 11.418 ng
RT: 7.535 min Scan# 680
Delta R.T. 0.000 min
Lab File: BG056942.D
Acq: 31 Mar 2023 13:26

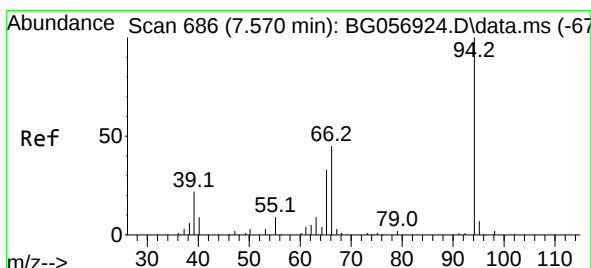
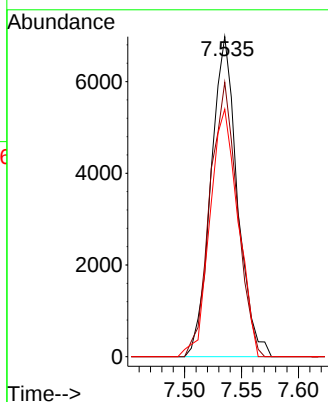
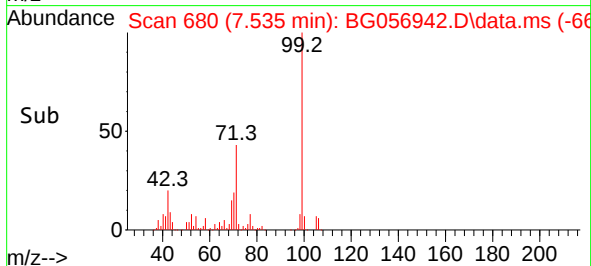
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion: 77 Resp: 11294
Ion Ratio Lower Upper
77 100
105 85.7 73.6 113.6
106 77.3 56.7 96.7

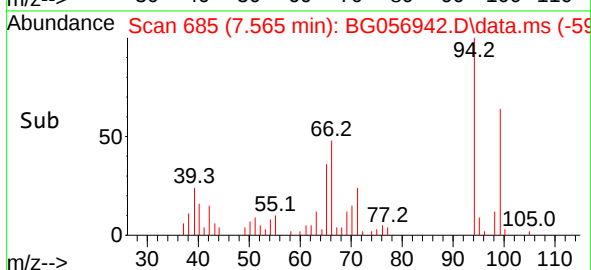
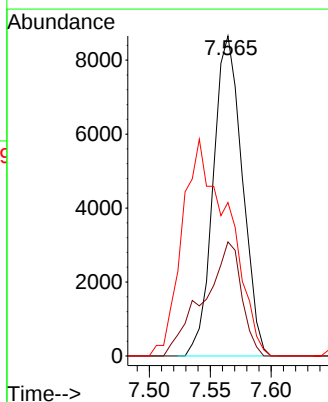
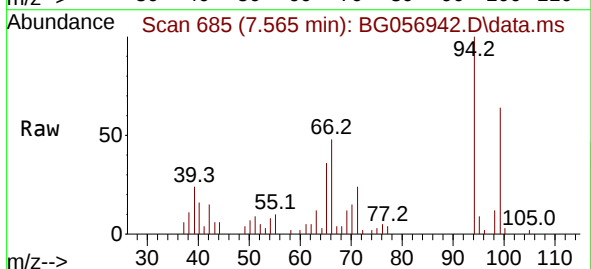
Manual Integrations
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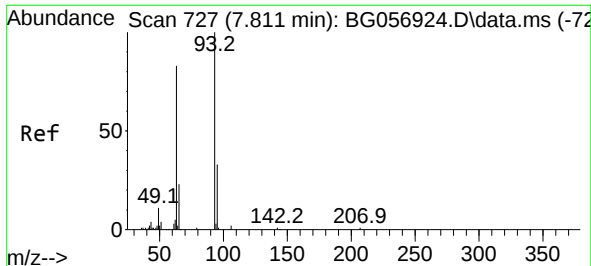
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#10
Phenol
Concen: 9.178 ng
RT: 7.565 min Scan# 685
Delta R.T. -0.005 min
Lab File: BG056942.D
Acq: 31 Mar 2023 13:26

Tgt Ion: 94 Resp: 14342
Ion Ratio Lower Upper
94 100
65 35.7 13.3 53.3
66 47.9 26.7 66.7





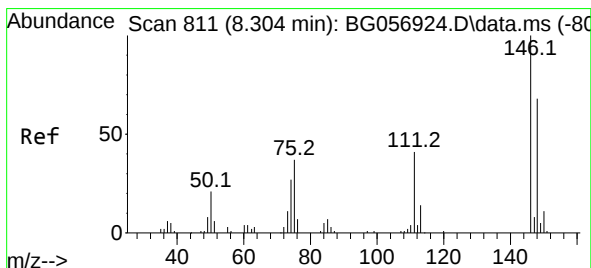
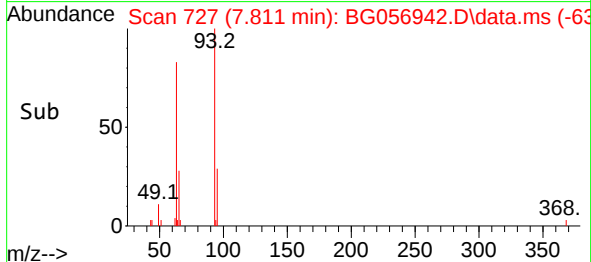
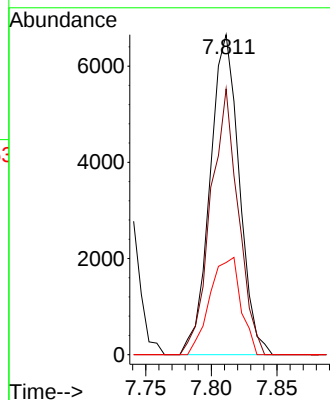
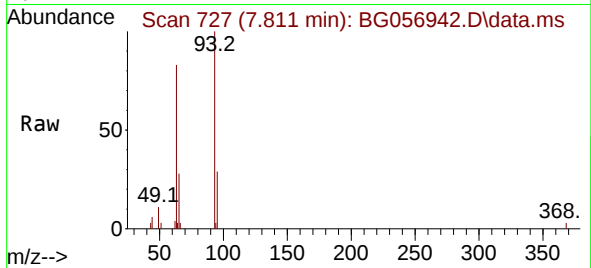
#11
bis(2-Chloroethyl)ether
Concen: 9.268 ng
RT: 7.811 min Scan# 727
Delta R.T. 0.000 min
Lab File: BG056942.D
Acq: 31 Mar 2023 13:26

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2023

Tgt Ion: 93 Resp: 10310
Ion Ratio Lower Upper
93 100
63 83.1 62.7 102.7
95 28.8 12.3 52.3

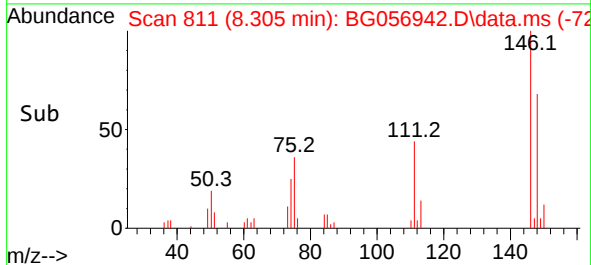
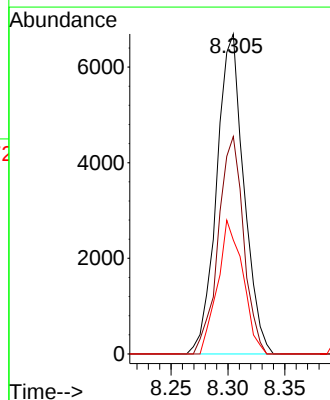
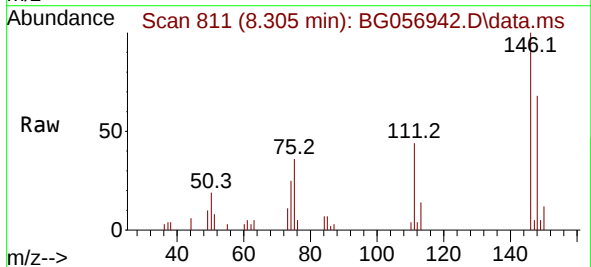
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#12
1,3-Dichlorobenzene
Concen: 9.591 ng
RT: 8.305 min Scan# 811
Delta R.T. 0.000 min
Lab File: BG056942.D
Acq: 31 Mar 2023 13:26

Tgt Ion:146 Resp: 11130
Ion Ratio Lower Upper
146 100
148 68.0 54.2 81.4
75 35.6 29.8 44.8





#13

1,4-Dichlorobenzene

Concen: 9.373 ng

RT: 8.452 min Scan# 81

Delta R.T. 0.000 min

Lab File: BG056942.D

Acq: 31 Mar 2023 13:26

Instrument :

BNA_G

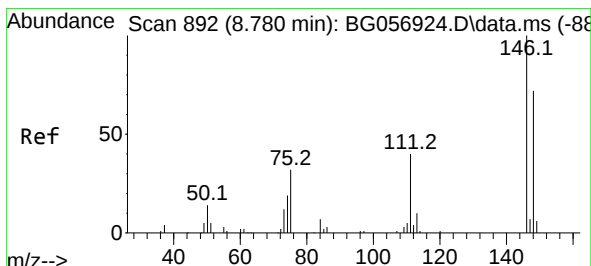
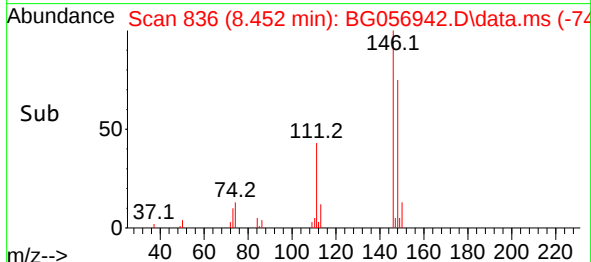
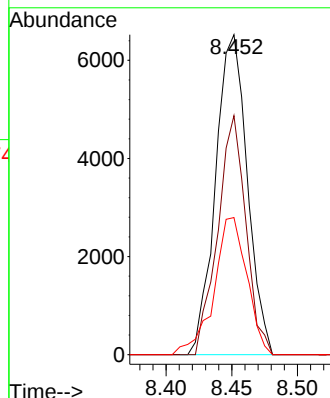
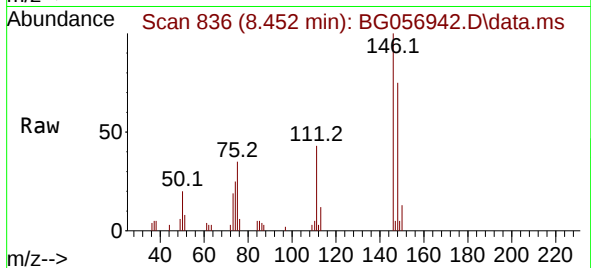
ClientSampleId :

LOQ-WATER-02-QT1-2023

Tgt Ion:146	Resp:	10978
Ion Ratio	Lower	Upper
146	100	
148	74.7	54.8 82.2
111	42.9	34.6 52.0

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#14

1,2-Dichlorobenzene

Concen: 10.203 ng

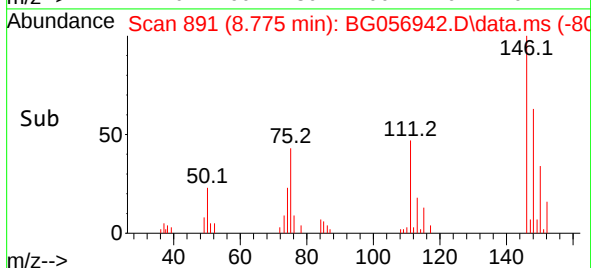
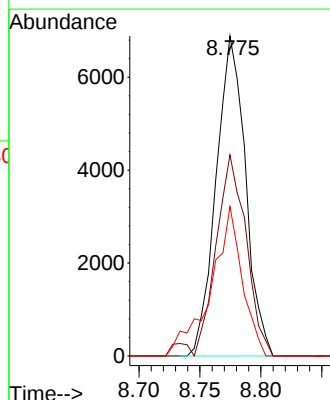
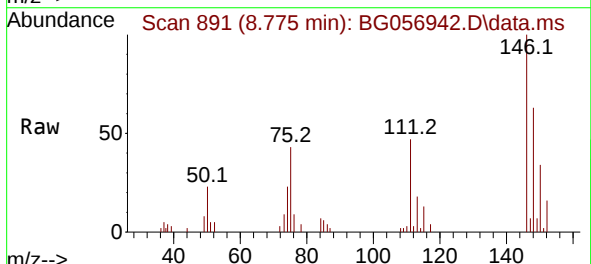
RT: 8.775 min Scan# 891

Delta R.T. -0.005 min

Lab File: BG056942.D

Acq: 31 Mar 2023 13:26

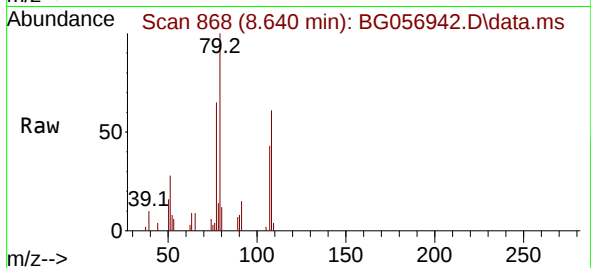
Tgt Ion:146	Resp:	11545
Ion Ratio	Lower	Upper
146	100	
148	62.9	57.4 86.0
111	46.7	33.2 49.8





#15
Benzyl Alcohol
Concen: 9.301 ng
RT: 8.640 min Scan# 869
Delta R.T. -0.005 min
Lab File: BG056942.D
Acq: 31 Mar 2023 13:26

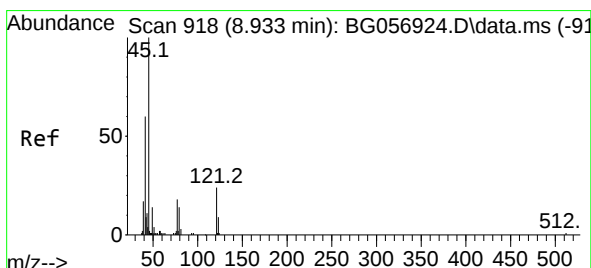
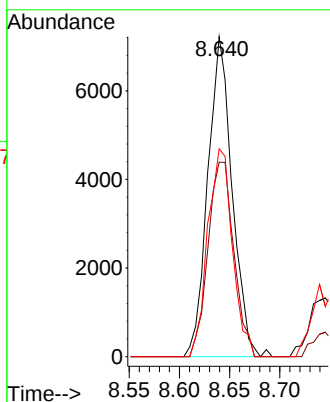
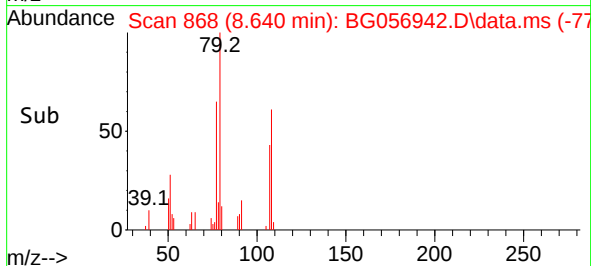
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion: 79 Resp: 1218
Ion Ratio Lower Upper
79 100
108 60.8 51.2 76.8
77 65.0 54.4 81.6

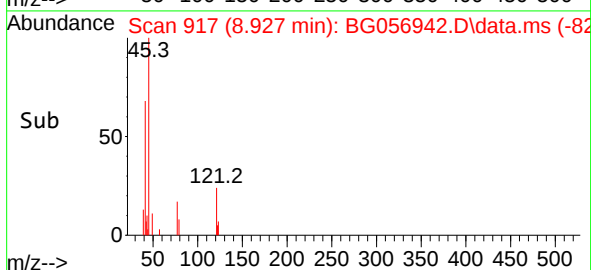
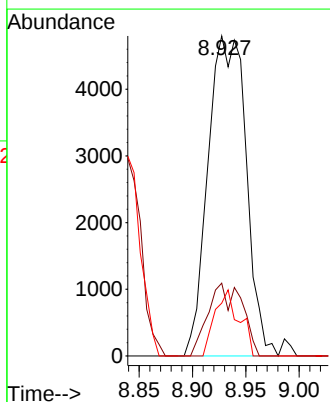
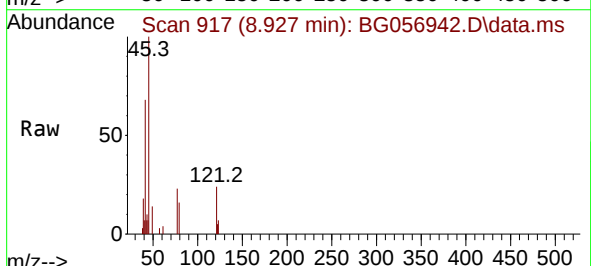
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.887 ng
RT: 8.927 min Scan# 917
Delta R.T. -0.005 min
Lab File: BG056942.D
Acq: 31 Mar 2023 13:26

Tgt Ion: 45 Resp: 11921
Ion Ratio Lower Upper
45 100
77 22.8 0.0 38.7
79 16.5 0.0 35.1





#17

2-Methylphenol

Concen: 8.912 ng

RT: 8.839 min Scan# 903

Delta R.T. -0.005 min

Lab File: BG056942.D

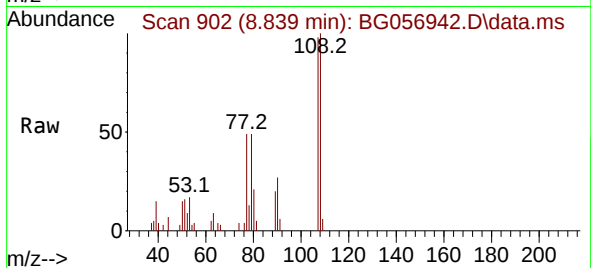
Acq: 31 Mar 2023 13:26

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2023



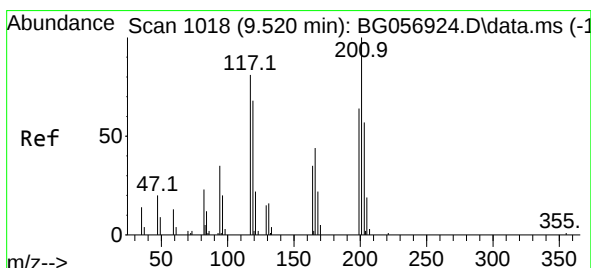
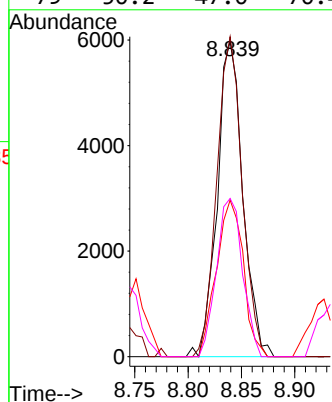
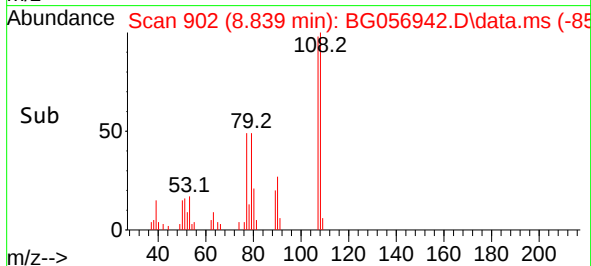
Tgt Ion	Ratio	Lower	Upper
107	100		
108	101.6	96.0	144.0
77	49.7	45.6	68.4
79	50.2	47.0	70.4

Manual Integrations

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Reviewed By :Christian Giraldo 04/03/2023

Supervised By :Jagrut Upadhyay 04/03/2023



#18

Hexachloroethane

Concen: 10.206 ng

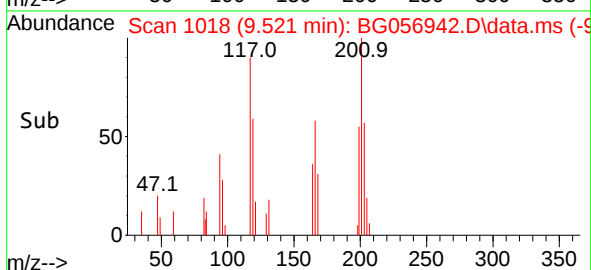
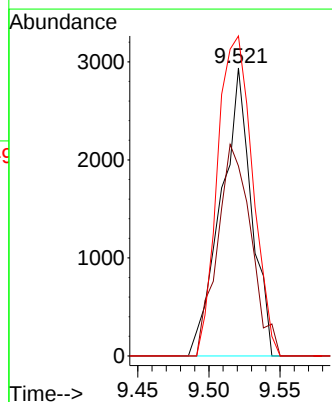
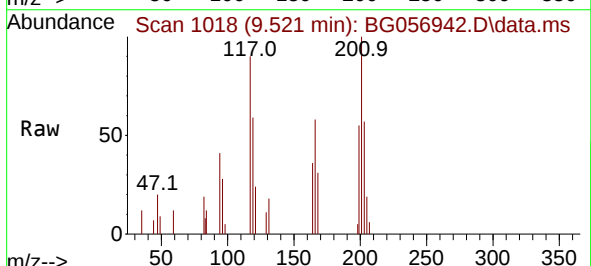
RT: 9.521 min Scan# 1018

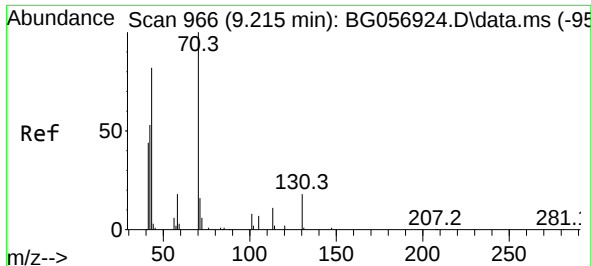
Delta R.T. 0.000 min

Lab File: BG056942.D

Acq: 31 Mar 2023 13:26

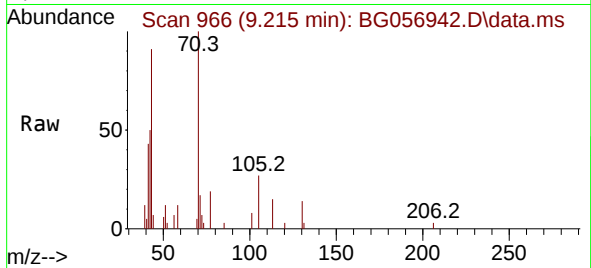
Tgt Ion	Ratio	Lower	Upper
117	100		
119	66.0	67.0	100.6
201	111.1	98.7	148.1





#19
n-Nitroso-di-n-propylamine
Concen: 9.168 ng
RT: 9.215 min Scan# 901
Delta R.T. 0.000 min
Lab File: BG056942.D
Acq: 31 Mar 2023 13:26

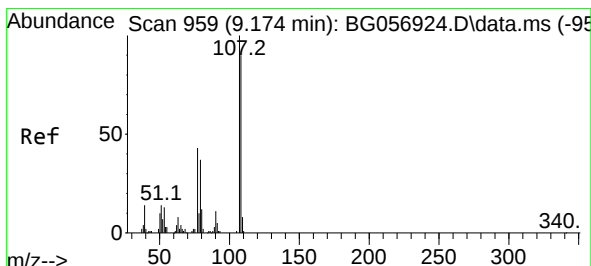
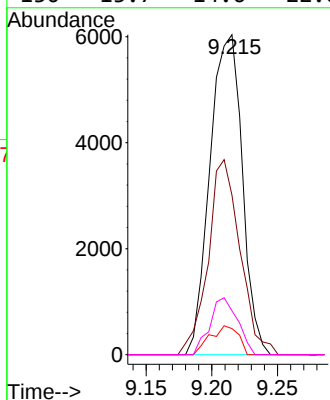
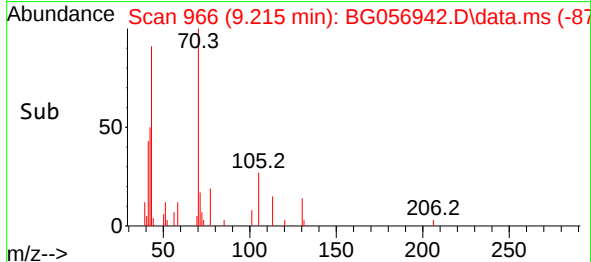
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2023



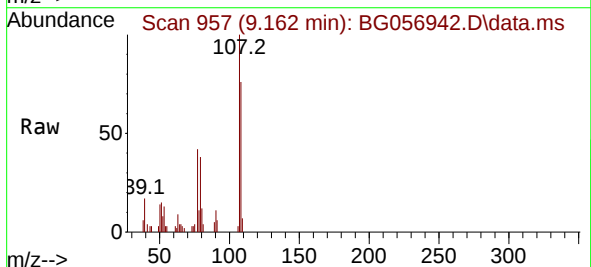
Tgt Ion: 70 Resp: 1034
Ion Ratio Lower Upper
70 100
42 49.9 43.4 65.0
101 8.1 6.2 9.2
130 13.7 14.6 22.0#

Manual Integrations
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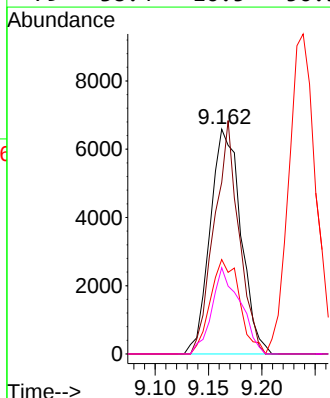
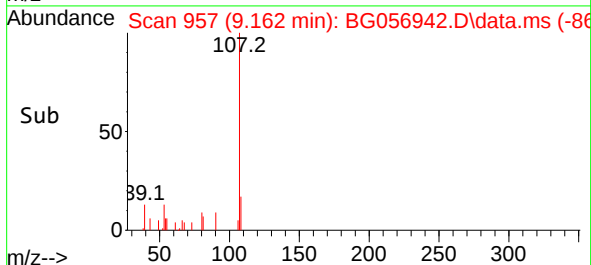
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023

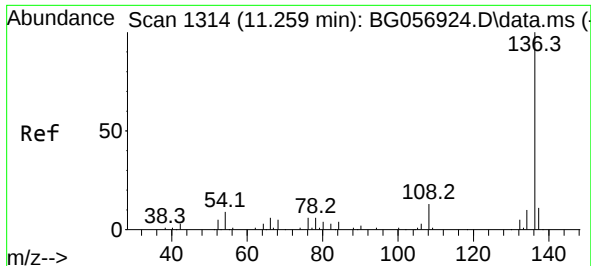


#20
3+4-Methylphenols
Concen: 8.470 ng
RT: 9.162 min Scan# 957
Delta R.T. -0.011 min
Lab File: BG056942.D
Acq: 31 Mar 2023 13:26



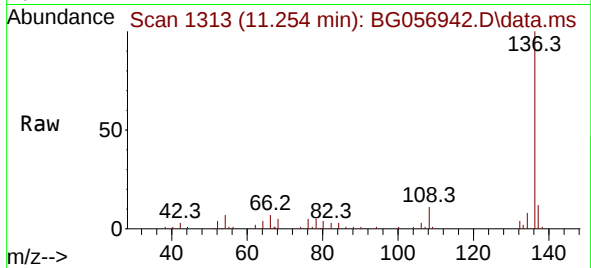
Tgt Ion:107 Resp: 13203
Ion Ratio Lower Upper
107 100
108 76.3 69.9 109.9
77 42.0 22.7 62.7
79 38.4 16.5 56.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.254 min Scan# 111
Delta R.T. -0.005 min
Lab File: BG056942.D
Acq: 31 Mar 2023 13:26

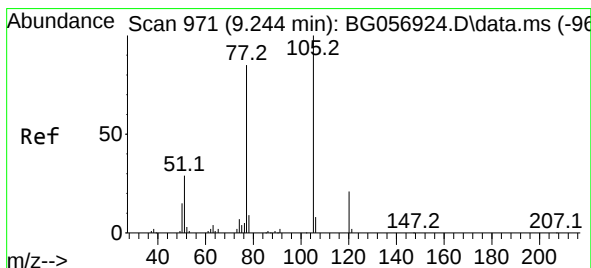
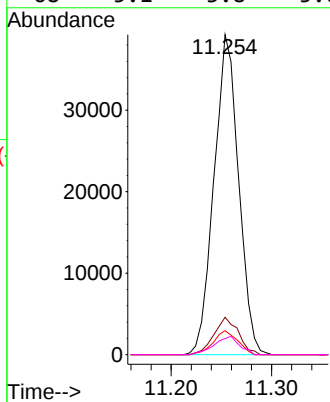
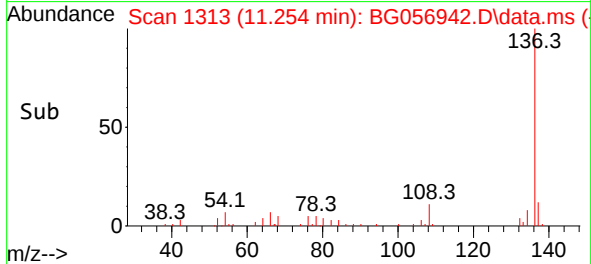
Instrument : BNA_G
ClientSampleId : LOQ-WATER-02-QT1-2023



Tgt Ion:136 Resp: 66715
Ion Ratio Lower Upper
136 100
137 11.7 8.6 13.0
54 7.5 6.9 10.3
68 5.1 3.8 5.6

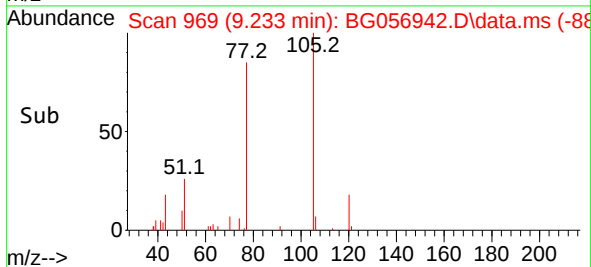
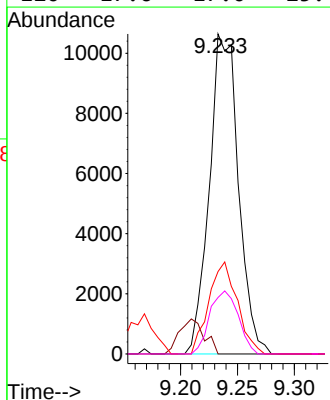
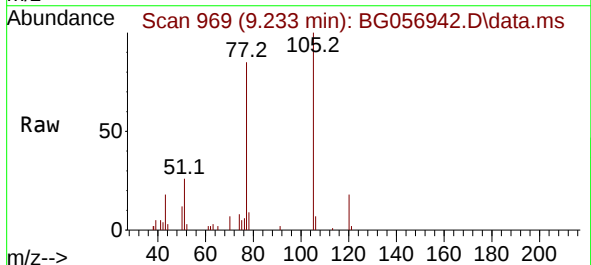
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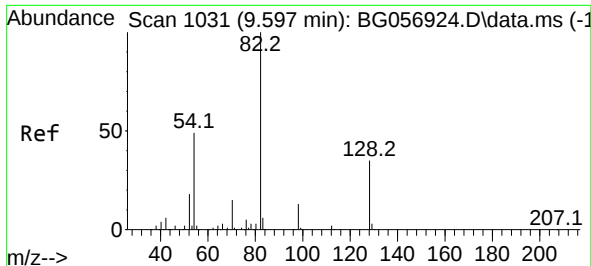
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#22
Acetophenone
Concen: 9.521 ng
RT: 9.233 min Scan# 969
Delta R.T. -0.011 min
Lab File: BG056942.D
Acq: 31 Mar 2023 13:26

Tgt Ion:105 Resp: 18900
Ion Ratio Lower Upper
105 100
71 0.0 0.7 1.1#
51 25.7 23.8 35.8
120 17.6 17.0 25.4





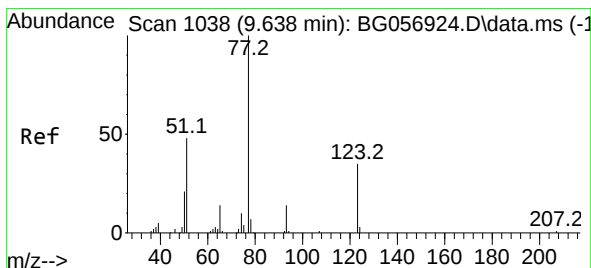
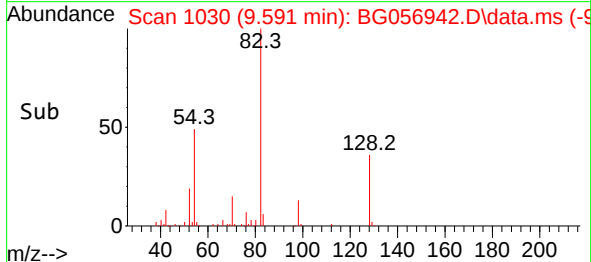
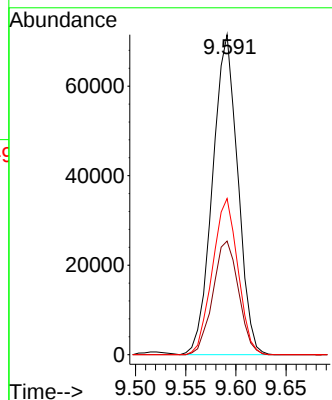
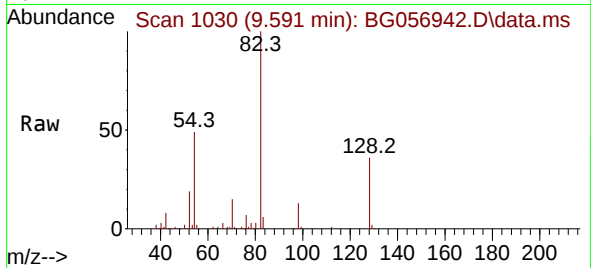
#23
Nitrobenzene-d5
Concen: 76.597 ng
RT: 9.591 min Scan# 1030
Delta R.T. -0.005 min
Lab File: BG056942.D
Acq: 31 Mar 2023 13:26

Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2023

Tgt Ion: 82 Resp: 124889
Ion Ratio Lower Upper
82 100
128 35.5 27.9 41.9
54 48.8 39.4 59.2

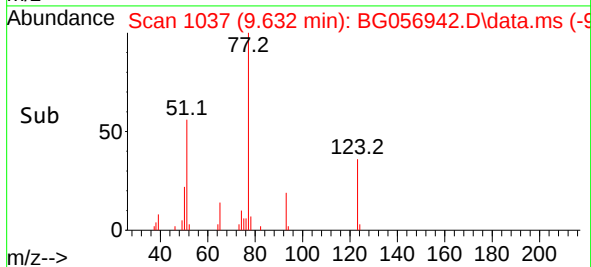
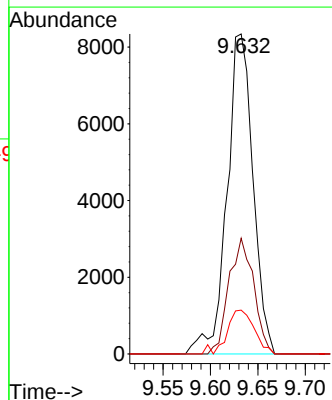
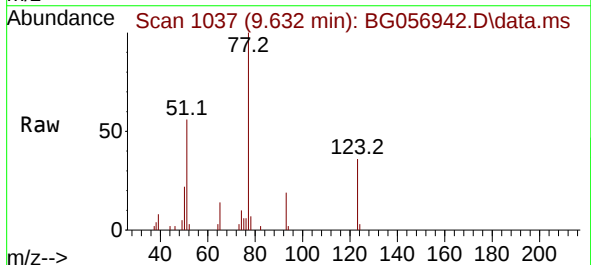
Manual Integrations
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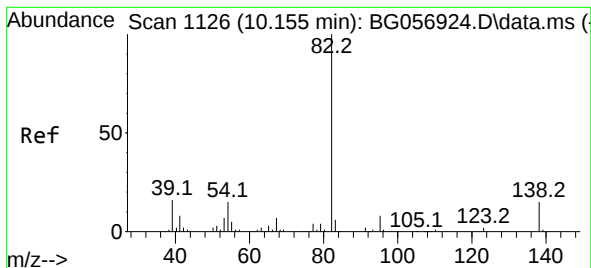
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#24
Nitrobenzene
Concen: 9.536 ng
RT: 9.632 min Scan# 1037
Delta R.T. -0.005 min
Lab File: BG056942.D
Acq: 31 Mar 2023 13:26

Tgt Ion: 77 Resp: 15897
Ion Ratio Lower Upper
77 100
123 36.2 27.6 41.4
65 13.7 11.5 17.3





#25

Isophorone

Concen: 9.379 ng

RT: 10.149 min Scan# 1119

Delta R.T. -0.005 min

Lab File: BG056942.D

Acq: 31 Mar 2023 13:26

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2023

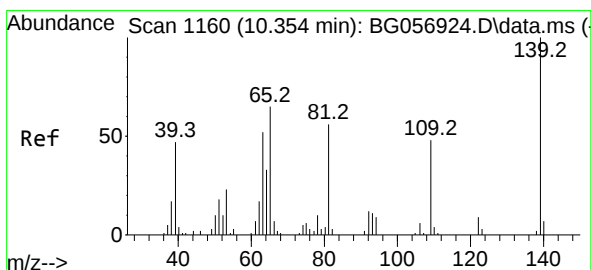
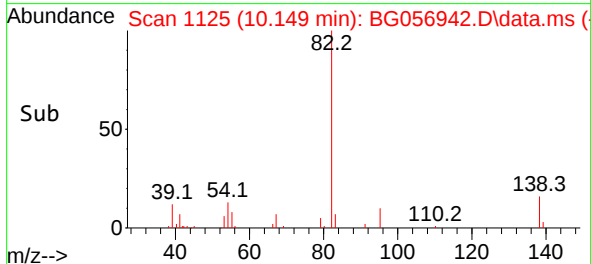
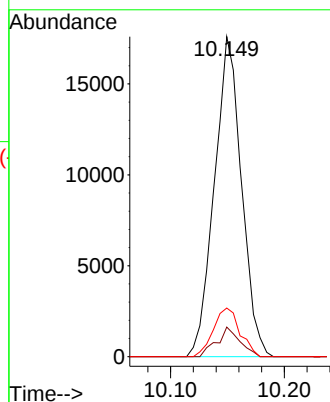
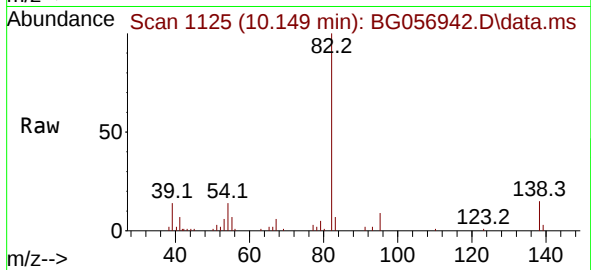
Tgt Ion:	82	Resp:	29119
Ion Ratio	Lower	Upper	
82	100		
95	9.2	6.3	9.5
138	15.2	11.8	17.8

Manual Integrations

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Reviewed By :Christian Giraldo 04/03/2023

Supervised By :Jagrut Upadhyay 04/03/2023



#26

2-Nitrophenol

Concen: 9.474 ng

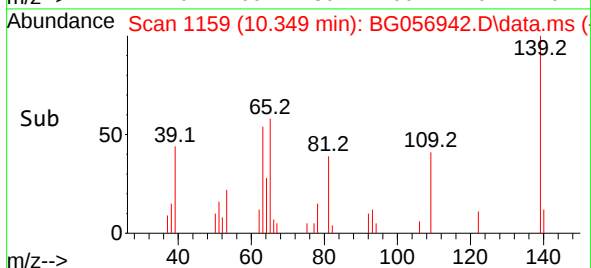
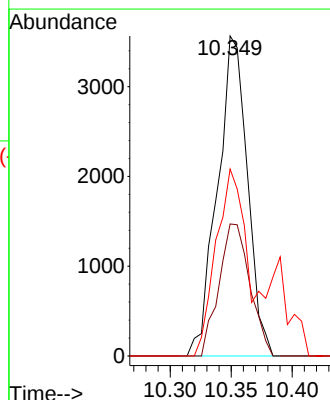
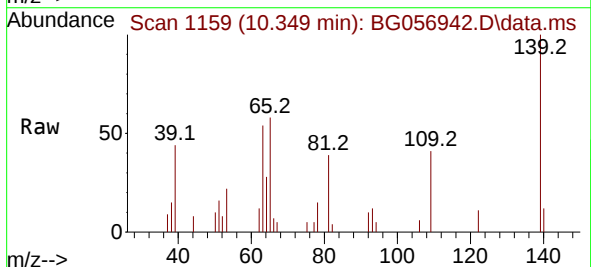
RT: 10.349 min Scan# 1159

Delta R.T. -0.005 min

Lab File: BG056942.D

Acq: 31 Mar 2023 13:26

Tgt Ion:	139	Resp:	6096
Ion Ratio	Lower	Upper	
139	100		
109	41.3	38.2	57.4
65	58.4	51.8	77.8





#27

2,4-Dimethylphenol

Concen: 9.606 ng

RT: 10.390 min Scan# 1167

Delta R.T. -0.005 min

Lab File: BG056942.D

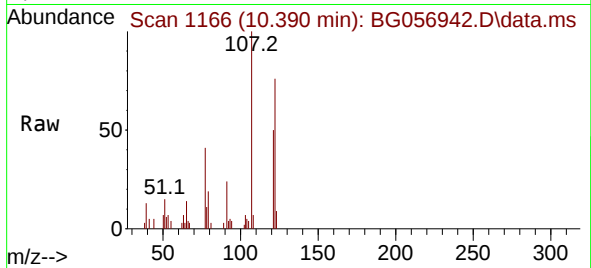
Acq: 31 Mar 2023 13:26

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2023



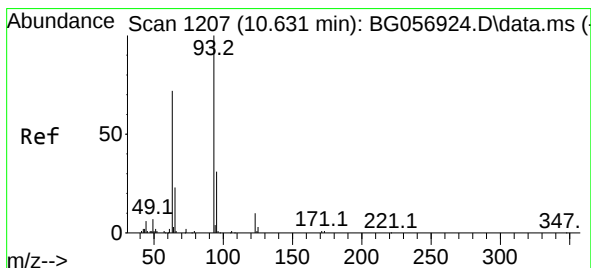
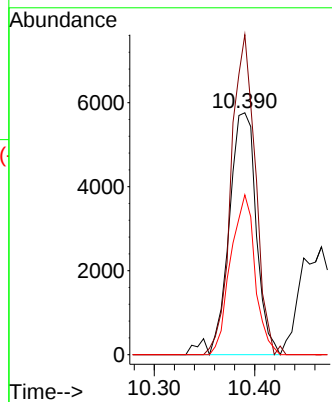
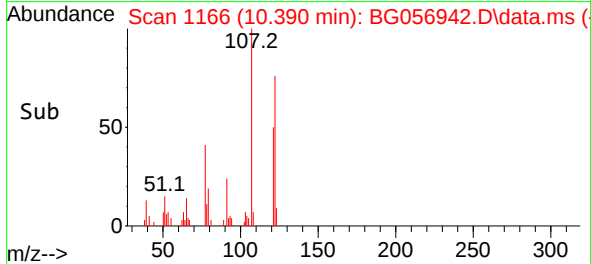
Tgt Ion:	122	Resp:	1091
Ion Ratio	Lower	Upper	
122	100		
107	132.3	105.7	158.5
121	66.0	48.0	72.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/03/2023

Supervised By :Jagrut Upadhyay 04/03/2023



#28

bis(2-Chloroethoxy)methane

Concen: 9.395 ng

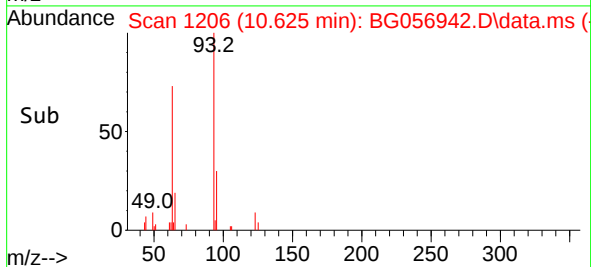
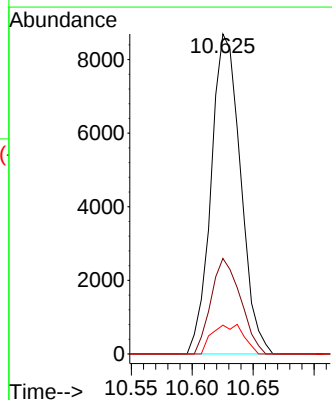
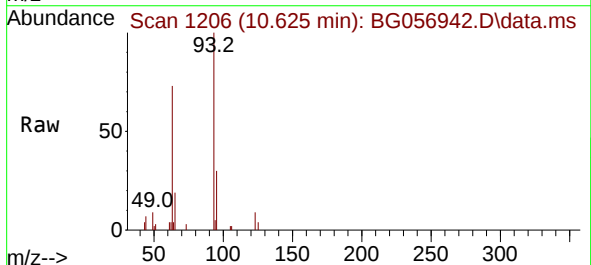
RT: 10.625 min Scan# 1206

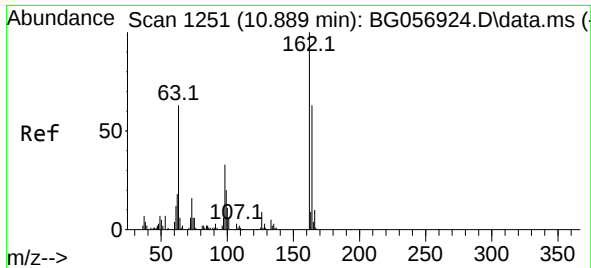
Delta R.T. -0.005 min

Lab File: BG056942.D

Acq: 31 Mar 2023 13:26

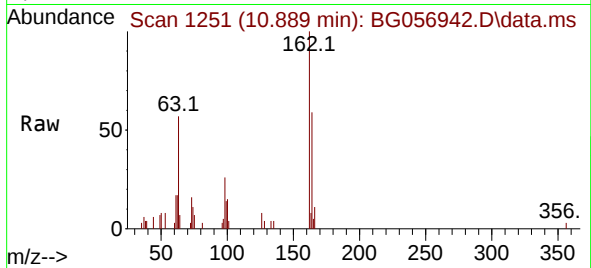
Tgt Ion:	93	Resp:	14604
Ion Ratio	Lower	Upper	
93	100		
95	29.9	24.6	37.0
123	9.0	7.8	11.6





#29
2,4-Dichlorophenol
Concen: 8.607 ng
RT: 10.889 min Scan# 1251
Delta R.T. 0.000 min
Lab File: BG056942.D
Acq: 31 Mar 2023 13:26

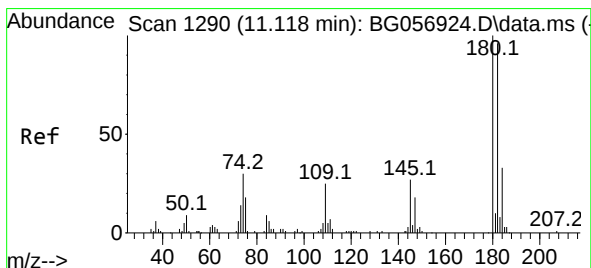
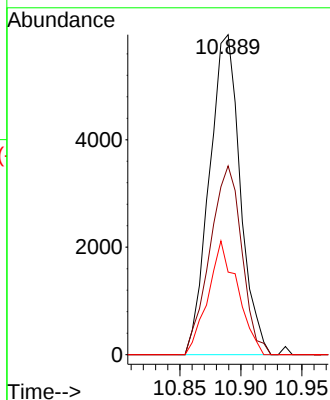
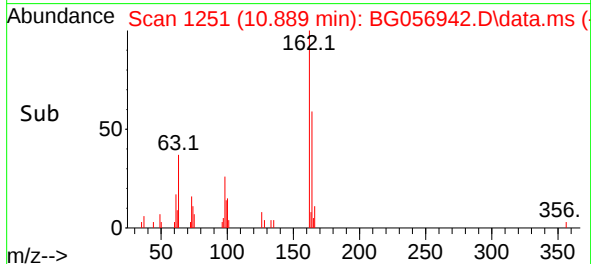
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2023



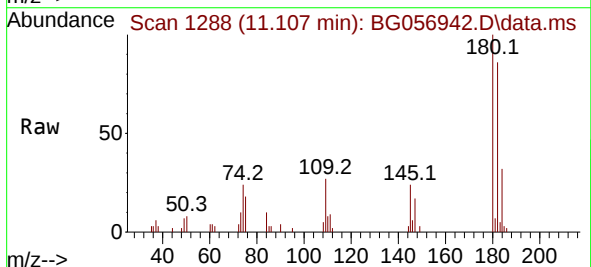
Tgt Ion:162 Resp: 10510
Ion Ratio Lower Upper
162 100
164 59.0 43.4 83.4
98 25.8 12.5 52.5

Manual Integrations
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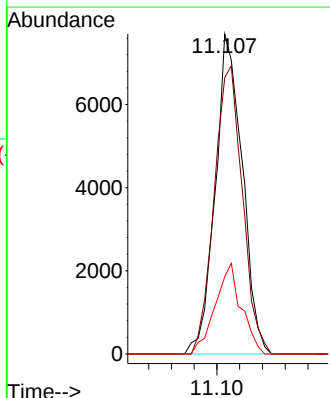
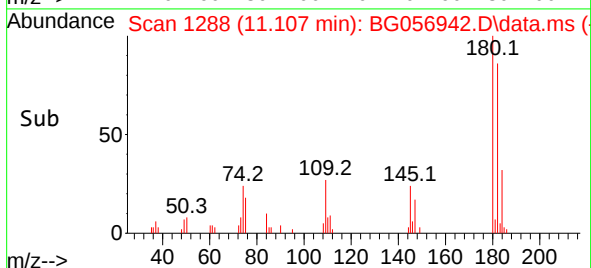
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#30
1,2,4-Trichlorobenzene
Concen: 9.784 ng
RT: 11.107 min Scan# 1288
Delta R.T. -0.011 min
Lab File: BG056942.D
Acq: 31 Mar 2023 13:26



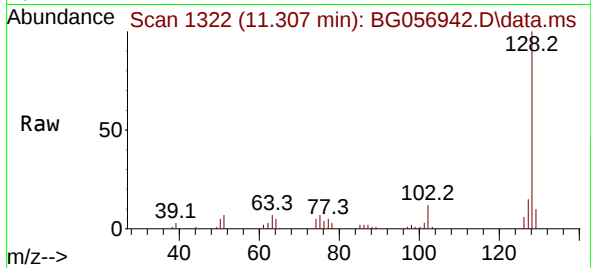
Tgt Ion:180 Resp: 12701
Ion Ratio Lower Upper
180 100
182 86.3 77.1 115.7
145 24.1 21.3 31.9





#31
Naphthalene
Concen: 9.478 ng
RT: 11.307 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG056942.D
Acq: 31 Mar 2023 13:26

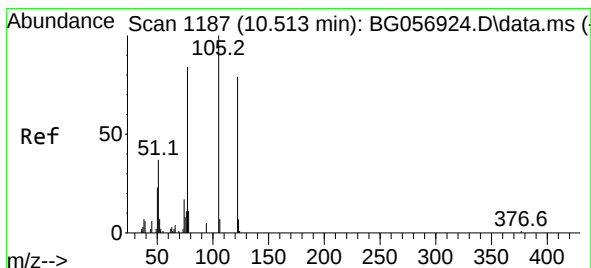
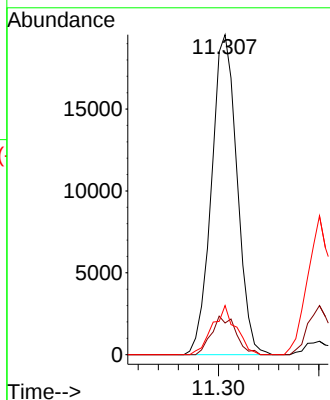
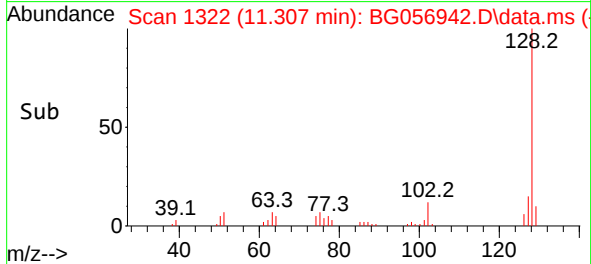
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion:128 Resp: 3446
Ion Ratio Lower Upper
128 100
129 9.9 9.4 14.2
127 15.3 12.2 18.4

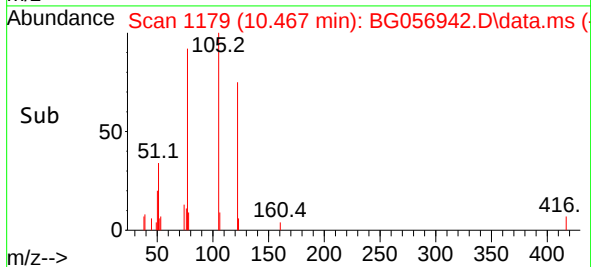
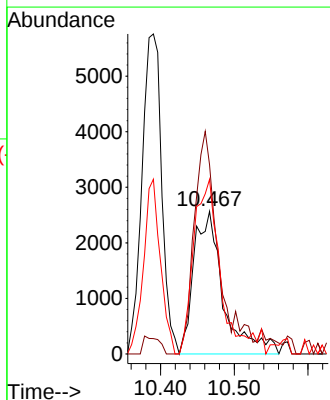
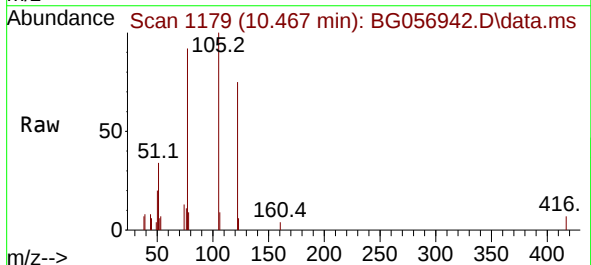
Manual Integrations
APPROVED

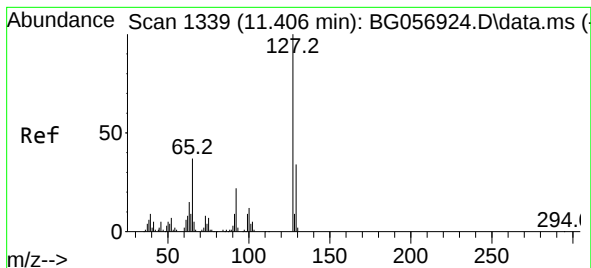
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#32
Benzoic acid
Concen: 9.124 ng m
RT: 10.467 min Scan# 1179
Delta R.T. -0.047 min
Lab File: BG056942.D
Acq: 31 Mar 2023 13:26

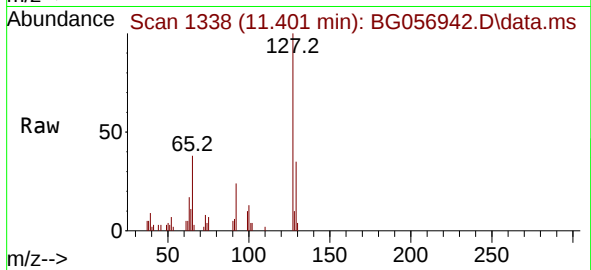
Tgt Ion:122 Resp: 7120
Ion Ratio Lower Upper
122 100
105 132.6 105.4 145.4
77 122.4 87.4 127.4





#33
4-Chloroaniline
Concen: 8.764 ng
RT: 11.401 min Scan# 1139
Delta R.T. -0.005 min
Lab File: BG056942.D
Acq: 31 Mar 2023 13:26

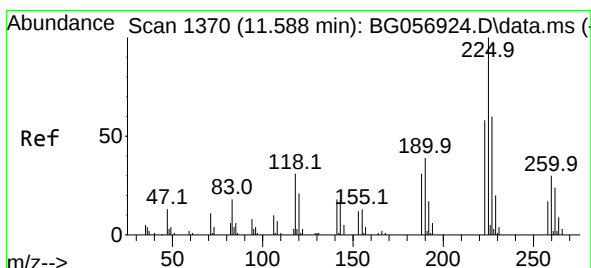
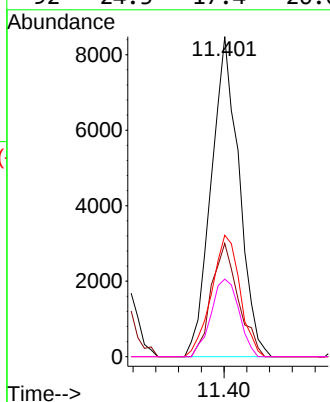
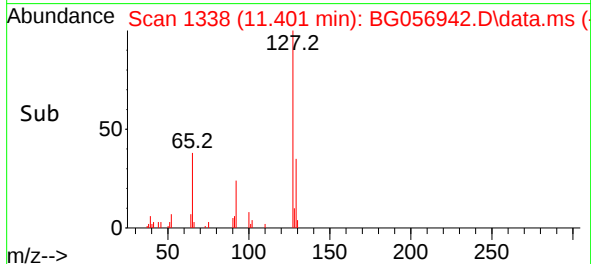
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion:	127	Resp:	1439
Ion Ratio	Lower	Upper	
127	100		
129	35.4	27.6	41.4
65	38.0	29.8	44.8
92	24.3	17.4	26.0

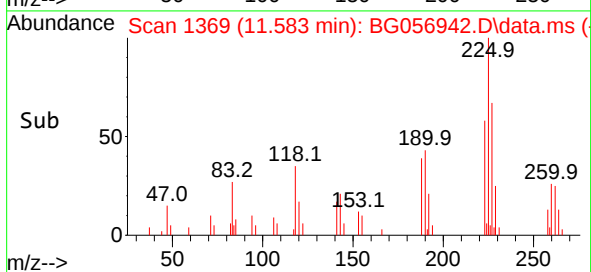
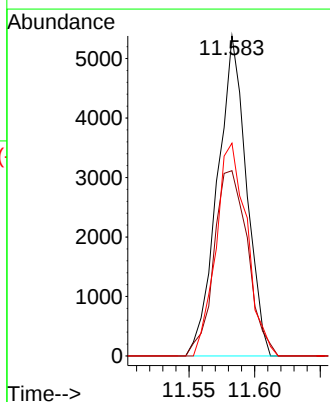
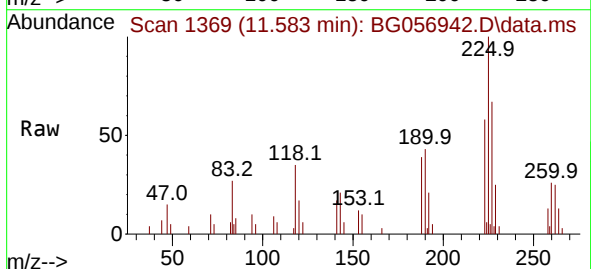
Manual Integrations
APPROVED

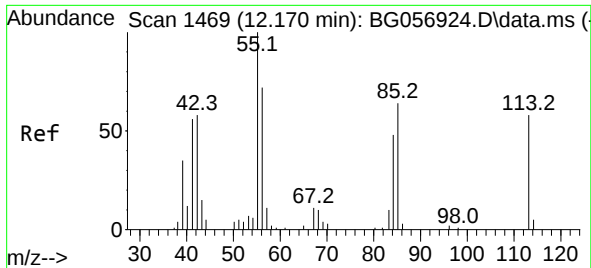
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#34
Hexachlorobutadiene
Concen: 8.500 ng
RT: 11.583 min Scan# 1369
Delta R.T. -0.005 min
Lab File: BG056942.D
Acq: 31 Mar 2023 13:26

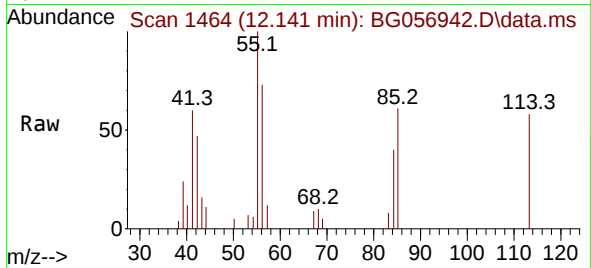
Tgt Ion:	225	Resp:	8289
Ion Ratio	Lower	Upper	
225	100		
223	57.9	46.4	69.6
227	66.5	48.0	72.0





#35
Caprolactam
Concen: 9.133 ng
RT: 12.141 min Scan# 1464
Delta R.T. -0.029 min
Lab File: BG056942.D
Acq: 31 Mar 2023 13:26

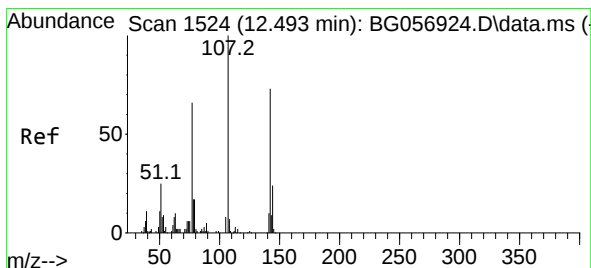
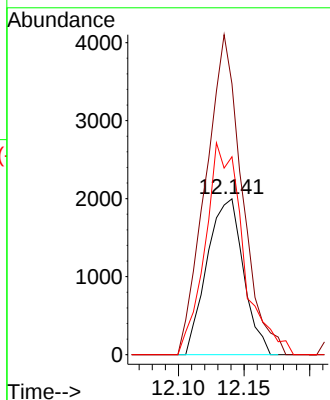
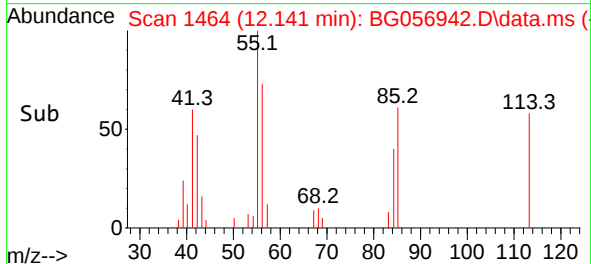
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion:113 Resp: 3848
Ion Ratio Lower Upper
113 100
55 173.9 151.6 191.6
56 127.1 103.7 143.7

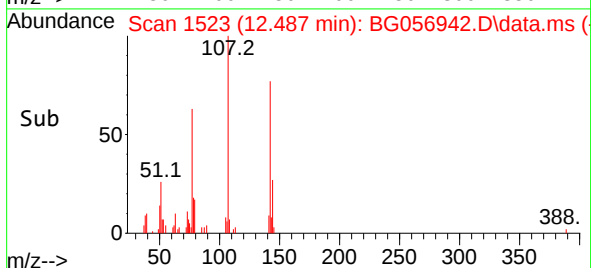
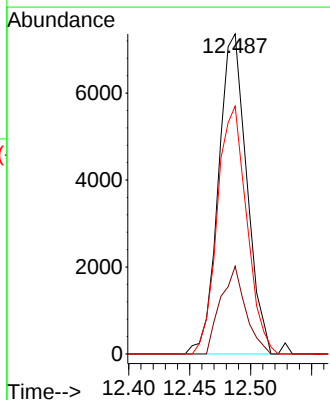
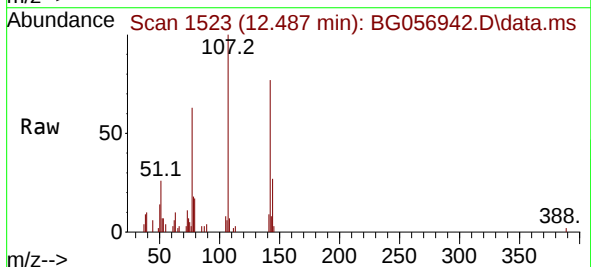
Manual Integrations
APPROVED

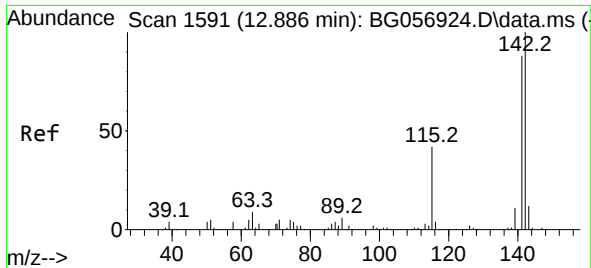
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#36
4-Chloro-3-methylphenol
Concen: 8.697 ng
RT: 12.487 min Scan# 1523
Delta R.T. -0.005 min
Lab File: BG056942.D
Acq: 31 Mar 2023 13:26

Tgt Ion:107 Resp: 11883
Ion Ratio Lower Upper
107 100
144 27.4 19.0 28.4
142 77.4 58.6 88.0





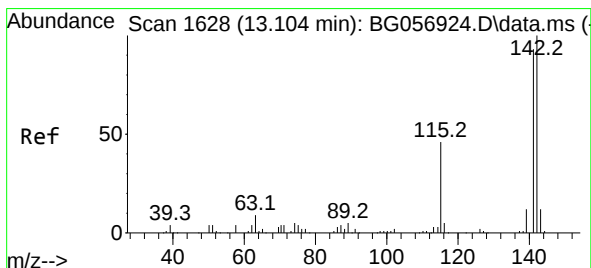
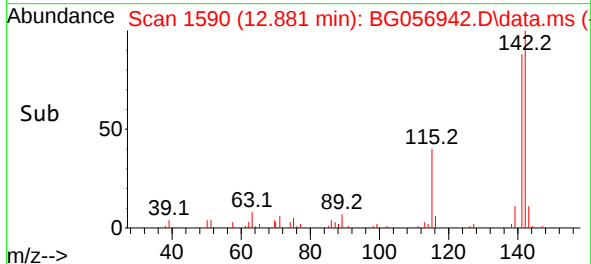
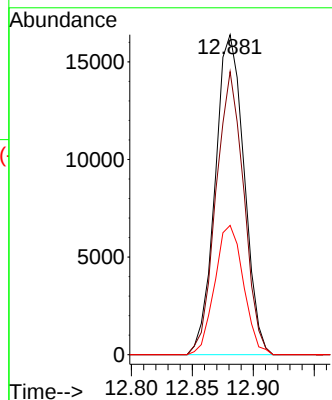
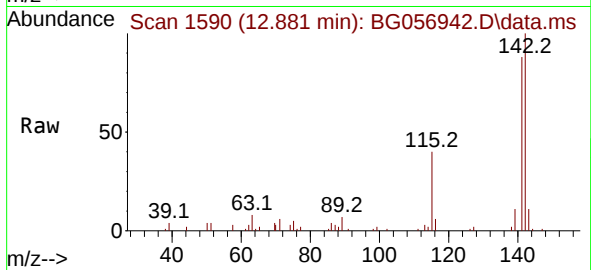
#37
2-Methylnaphthalene
Concen: 9.353 ng
RT: 12.881 min Scan# 1591
Delta R.T. -0.005 min
Lab File: BG056942.D
Acq: 31 Mar 2023 13:26

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2023

Tgt Ion:142 Resp: 2699
Ion Ratio Lower Upper
142 100
141 88.4 70.3 105.5
115 40.4 33.5 50.3

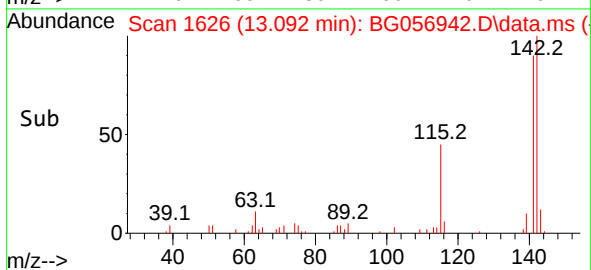
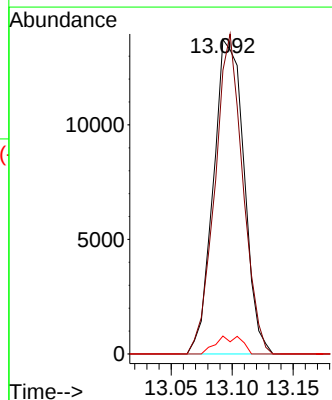
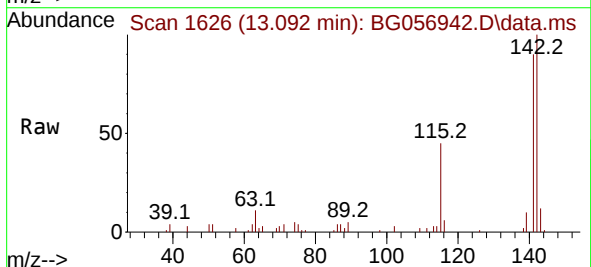
Manual Integrations
APPROVED

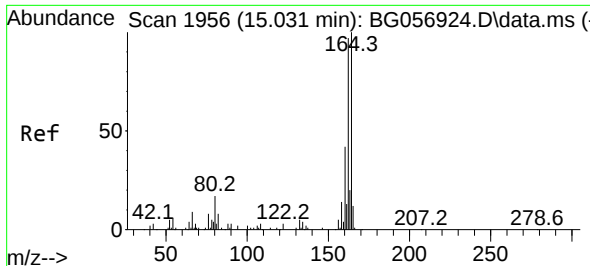
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#38
1-Methylnaphthalene
Concen: 8.830 ng
RT: 13.092 min Scan# 1626
Delta R.T. -0.011 min
Lab File: BG056942.D
Acq: 31 Mar 2023 13:26

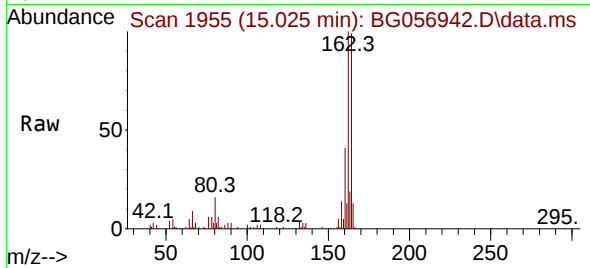
Tgt Ion:142 Resp: 23931
Ion Ratio Lower Upper
142 100
141 90.2 74.0 111.0
116 5.7 3.7 5.5#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.025 min Scan# 1955
Delta R.T. -0.005 min
Lab File: BG056942.D
Acq: 31 Mar 2023 13:26

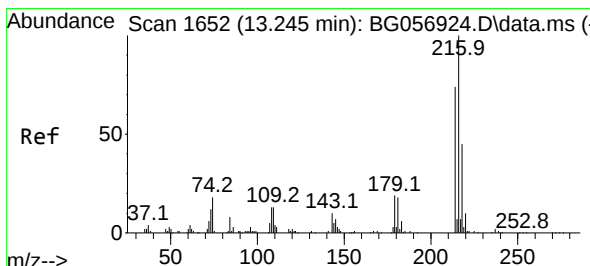
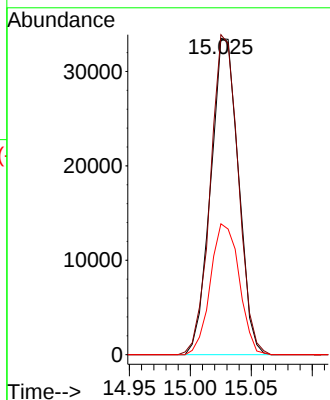
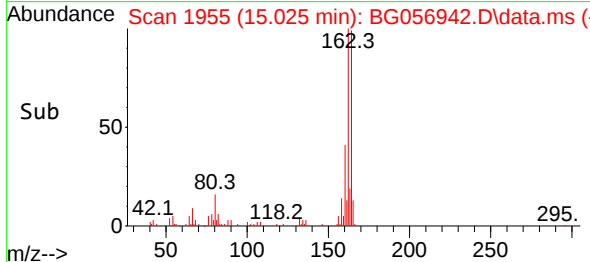
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion:164 Resp: 5299
Ion Ratio Lower Upper
164 100
162 101.2 77.8 116.8
160 41.4 33.5 50.3

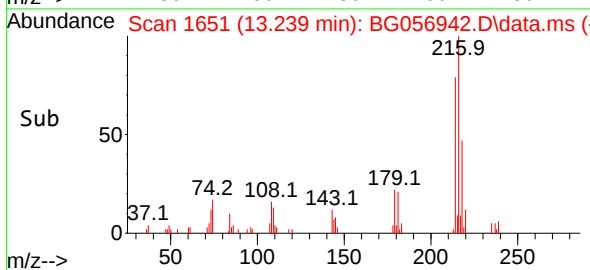
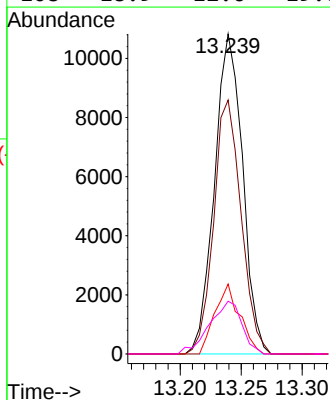
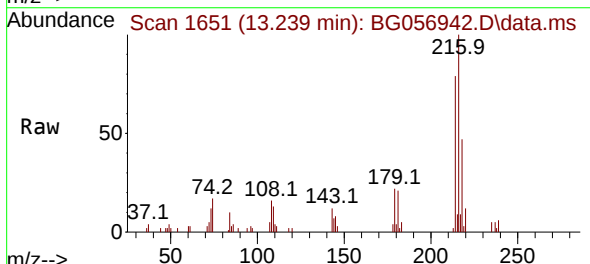
Manual Integrations
APPROVED

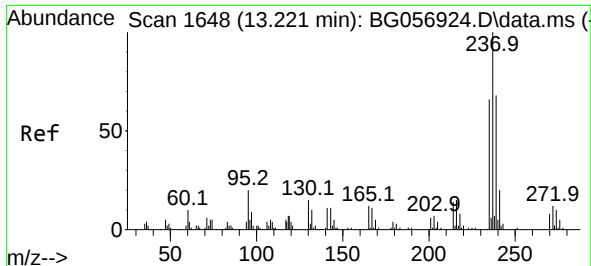
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.429 ng
RT: 13.239 min Scan# 1651
Delta R.T. -0.005 min
Lab File: BG056942.D
Acq: 31 Mar 2023 13:26

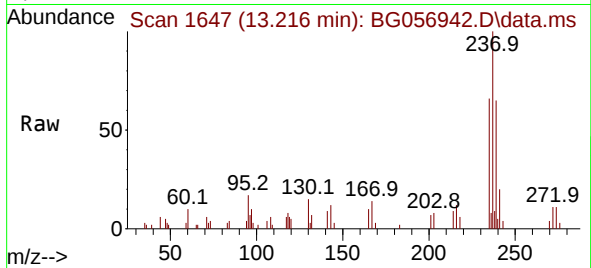
Tgt Ion:216 Resp: 17327
Ion Ratio Lower Upper
216 100
214 77.6 63.3 94.9
179 19.4 15.0 22.6
108 18.9 12.6 19.0





#41
Hexachlorocyclopentadiene
Concen: 9.999 ng
RT: 13.216 min Scan# 1012
Delta R.T. -0.005 min
Lab File: BG056942.D
Acq: 31 Mar 2023 13:26

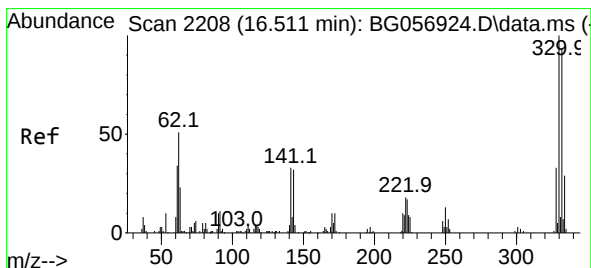
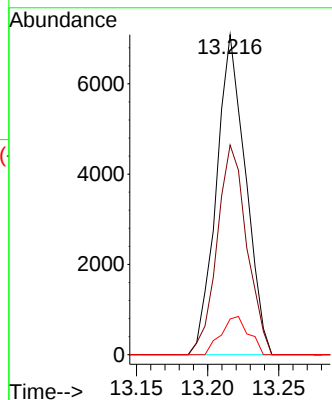
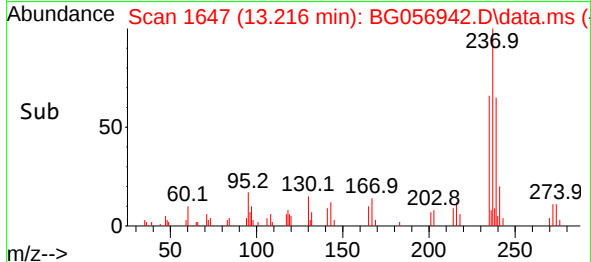
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2023



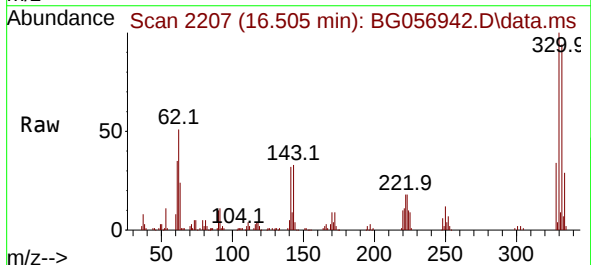
Tgt Ion:237 Resp: 10124
Ion Ratio Lower Upper
237 100
235 65.5 45.9 85.9
272 11.2 0.0 32.3

Manual Integrations
APPROVED

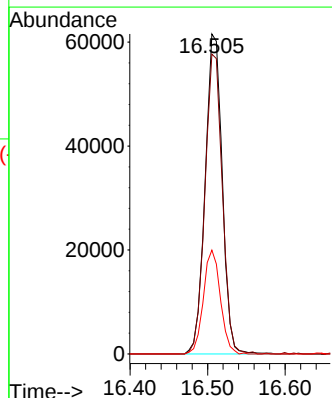
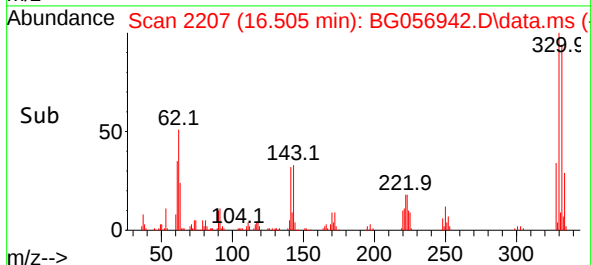
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023

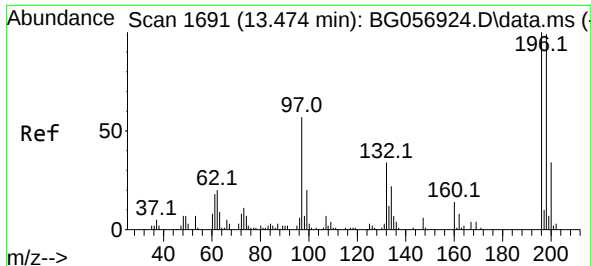


#42
2,4,6-Tribromophenol
Concen: 111.018 ng
RT: 16.505 min Scan# 2207
Delta R.T. -0.005 min
Lab File: BG056942.D
Acq: 31 Mar 2023 13:26



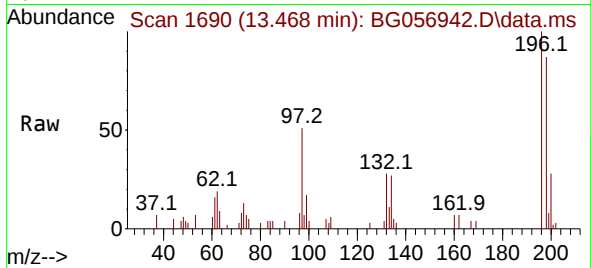
Tgt Ion:330 Resp: 93989
Ion Ratio Lower Upper
330 100
332 95.2 76.1 114.1
141 32.3 25.8 38.6





#43
2,4,6-Trichlorophenol
Concen: 9.282 ng
RT: 13.468 min Scan# 1701
Delta R.T. -0.005 min
Lab File: BG056942.D
Acq: 31 Mar 2023 13:26

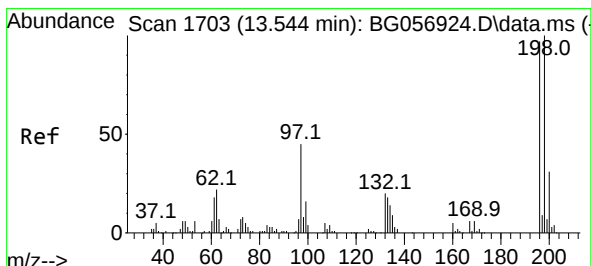
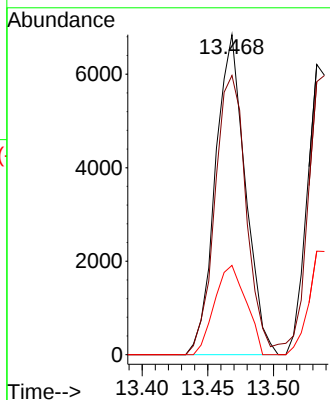
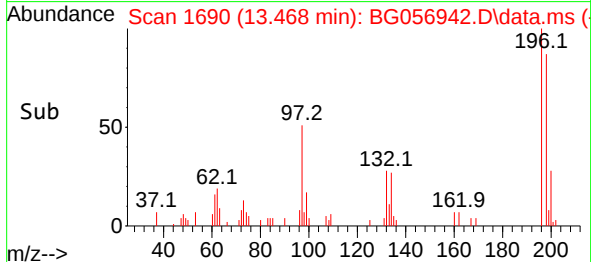
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2023



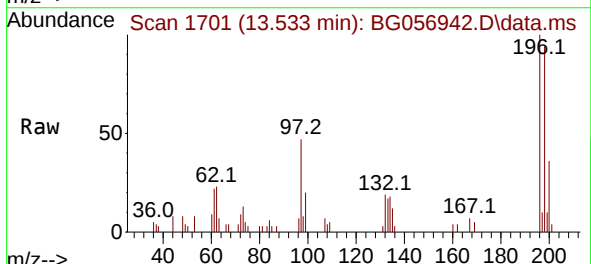
Tgt Ion:196 Resp: 1088
Ion Ratio Lower Upper
196 100
198 87.2 79.1 118.7
200 27.9 27.2 40.8

Manual Integrations
APPROVED

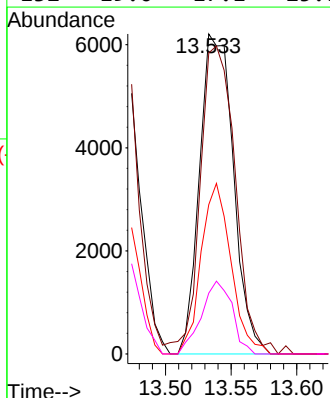
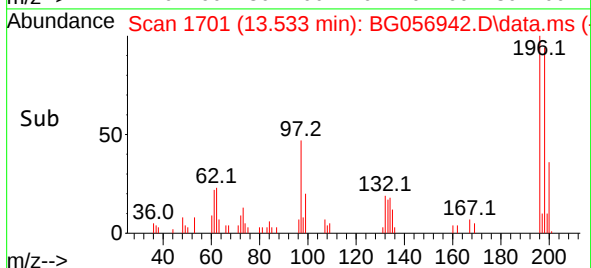
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023

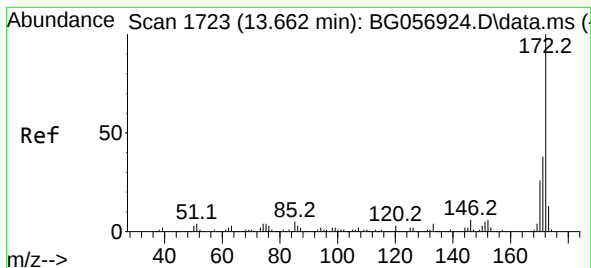


#44
2,4,5-Trichlorophenol
Concen: 8.011 ng
RT: 13.533 min Scan# 1701
Delta R.T. -0.011 min
Lab File: BG056942.D
Acq: 31 Mar 2023 13:26



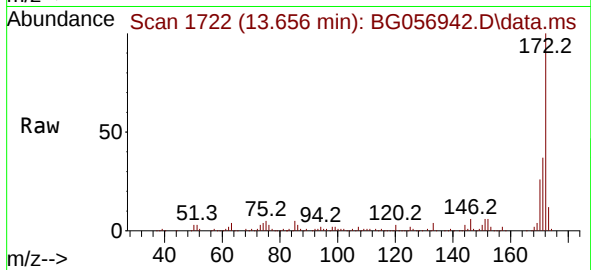
Tgt Ion:196 Resp: 11129
Ion Ratio Lower Upper
196 100
198 94.1 82.5 123.7
97 46.6 37.0 55.6
132 19.0 17.1 25.7





#45
2-Fluorobiphenyl
Concen: 78.085 ng
RT: 13.656 min Scan# 1722
Delta R.T. -0.005 min
Lab File: BG056942.D
Acq: 31 Mar 2023 13:26

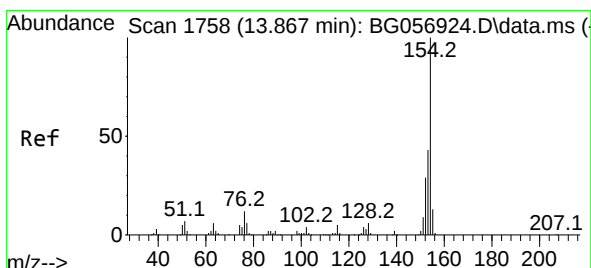
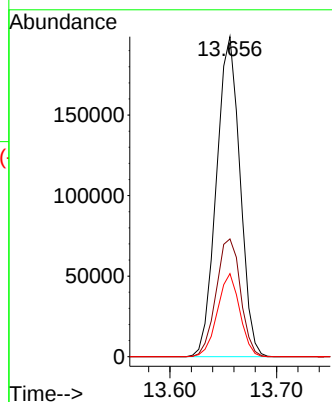
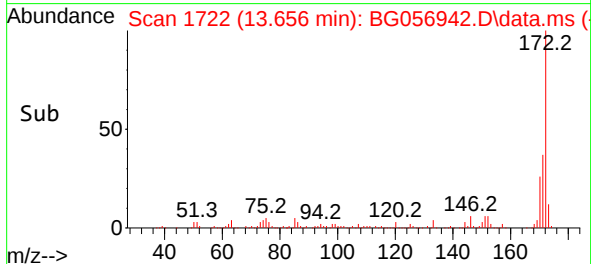
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2023



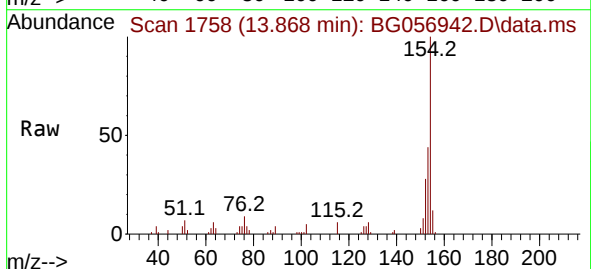
Tgt Ion:172 Resp: 305169
Ion Ratio Lower Upper
172 100
171 36.8 30.6 46.0
170 25.9 20.6 30.8

Manual Integrations
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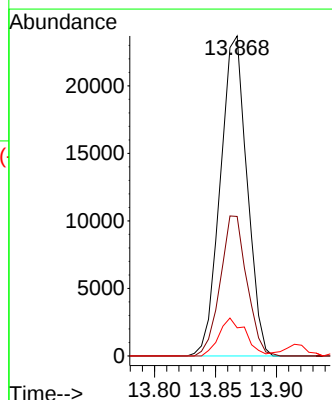
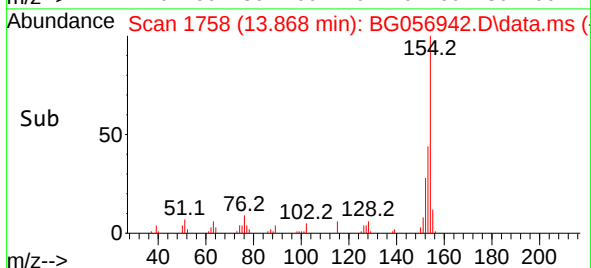
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#46
1,1'-Biphenyl
Concen: 9.300 ng
RT: 13.868 min Scan# 1758
Delta R.T. 0.000 min
Lab File: BG056942.D
Acq: 31 Mar 2023 13:26



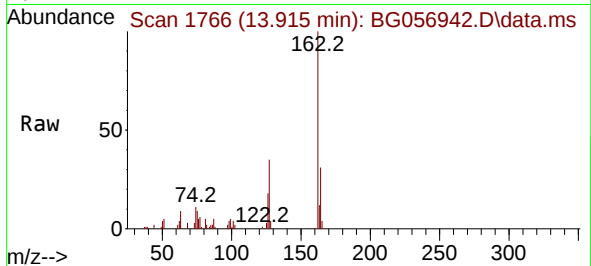
Tgt Ion:154 Resp: 36077
Ion Ratio Lower Upper
154 100
153 43.6 23.4 63.4
76 8.8 0.0 31.6





#47
2-Chloronaphthalene
Concen: 9.667 ng
RT: 13.915 min Scan# 1766
Delta R.T. -0.005 min
Lab File: BG056942.D
Acq: 31 Mar 2023 13:26

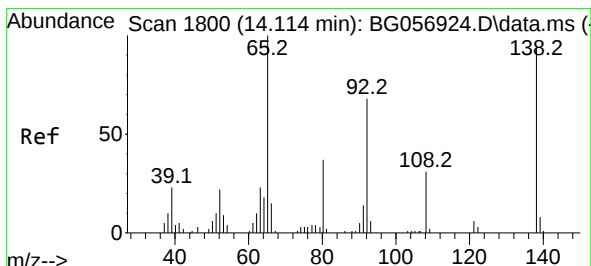
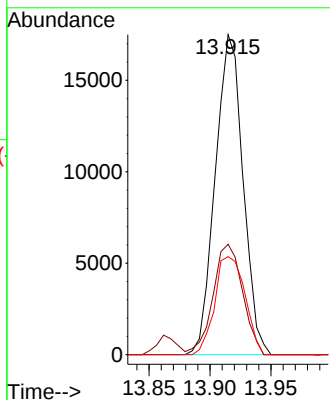
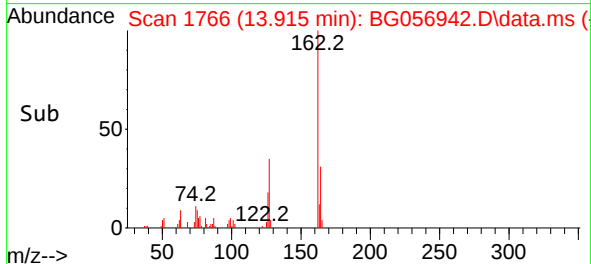
Instrument : BNA_G
ClientSampleId : LOQ-WATER-02-QT1-2023



Tgt Ion:162 Resp: 2773
Ion Ratio Lower Upper
162 100
127 34.5 29.5 44.3
164 30.6 25.5 38.3

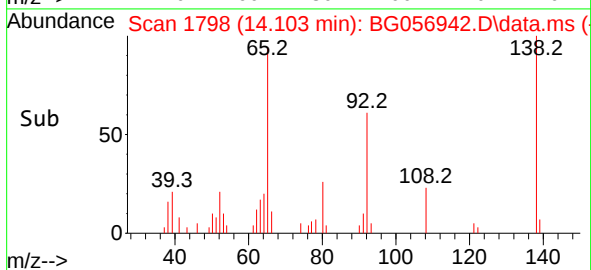
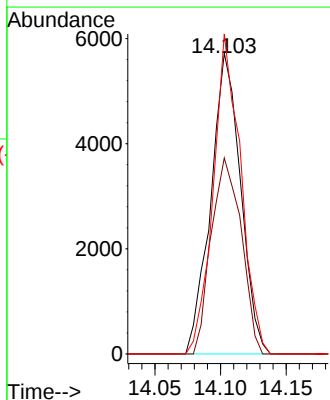
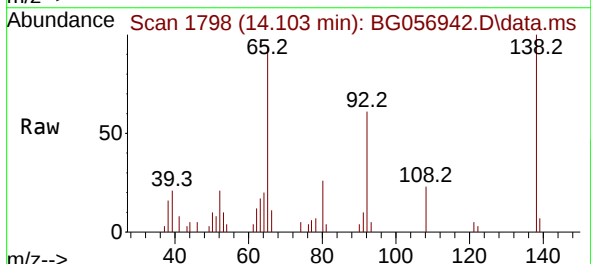
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#48
2-Nitroaniline
Concen: 8.806 ng
RT: 14.103 min Scan# 1798
Delta R.T. -0.011 min
Lab File: BG056942.D
Acq: 31 Mar 2023 13:26

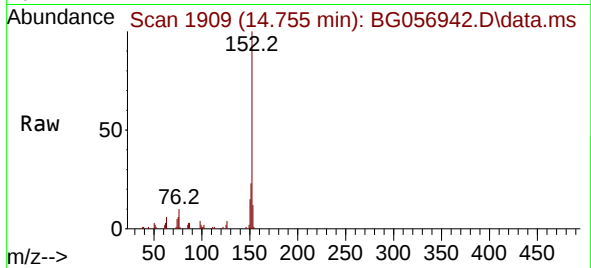
Tgt Ion: 65 Resp: 9034
Ion Ratio Lower Upper
65 100
92 65.2 54.3 81.5
138 106.4 76.0 114.0





#49
Acenaphthylene
Concen: 9.431 ng
RT: 14.755 min Scan# 1910
Delta R.T. -0.005 min
Lab File: BG056942.D
Acq: 31 Mar 2023 13:26

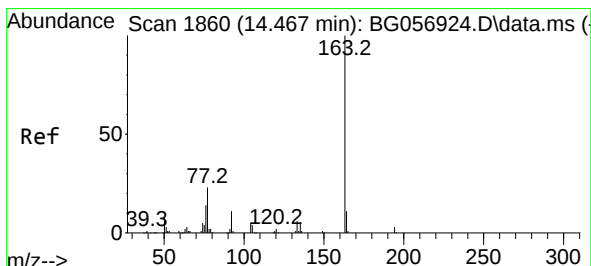
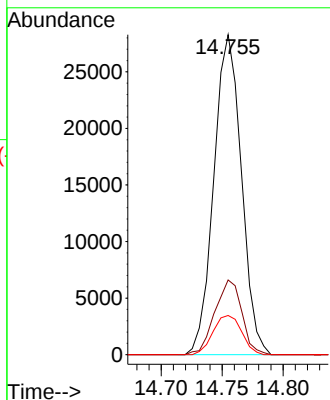
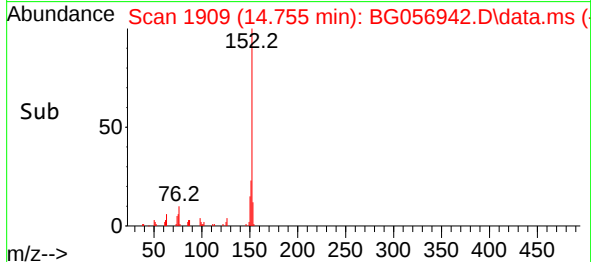
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion:152 Resp: 44460
Ion Ratio Lower Upper
152 100
151 23.3 18.2 27.2
153 12.3 10.5 15.7

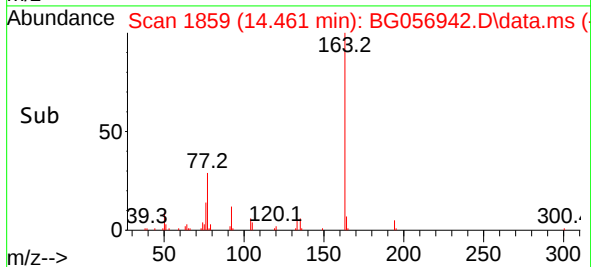
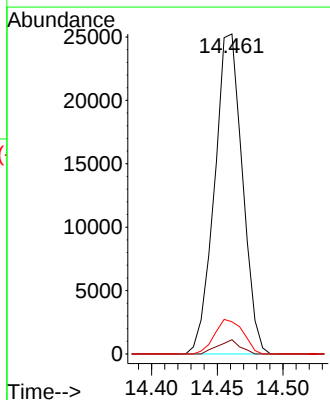
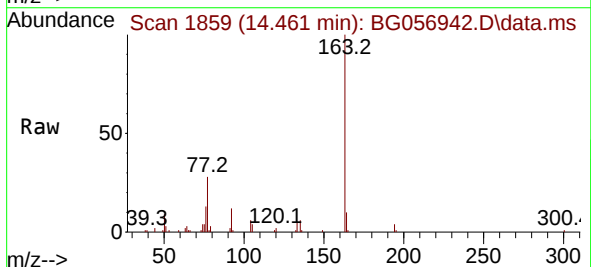
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#50
Dimethylphthalate
Concen: 8.917 ng
RT: 14.461 min Scan# 1859
Delta R.T. -0.005 min
Lab File: BG056942.D
Acq: 31 Mar 2023 13:26

Tgt Ion:163 Resp: 37235
Ion Ratio Lower Upper
163 100
194 4.4 2.8 4.2#
164 10.1 8.8 13.2





#51

2,6-Dinitrotoluene

Concen: 8.478 ng

RT: 14.584 min Scan# 1881

Delta R.T. -0.005 min

Lab File: BG056942.D

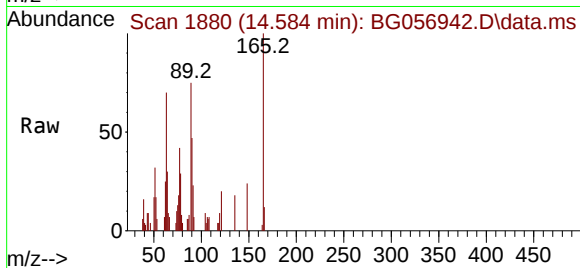
Acq: 31 Mar 2023 13:26

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2023



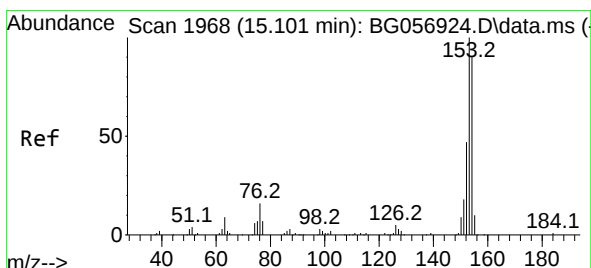
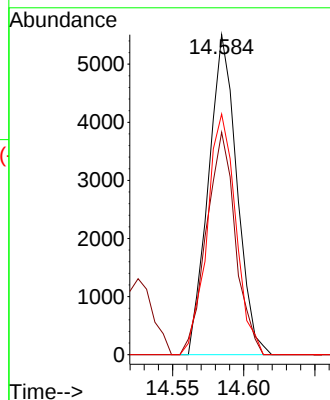
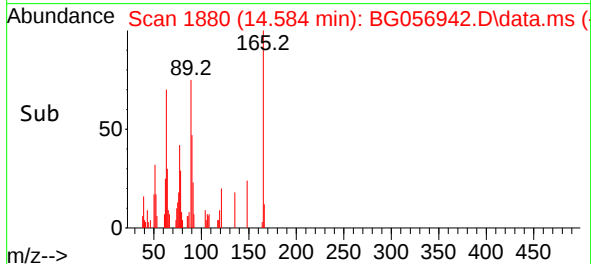
Tgt Ion:	165	Resp:	7649
Ion Ratio	Lower	Upper	
165	100		
63	69.5	53.0	79.6
89	75.2	51.0	76.4

Manual Integrations

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Reviewed By :Christian Giraldo 04/03/2023

Supervised By :Jagrut Upadhyay 04/03/2023



#52

Acenaphthene

Concen: 9.727 ng

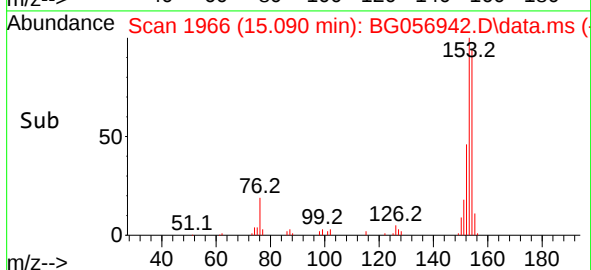
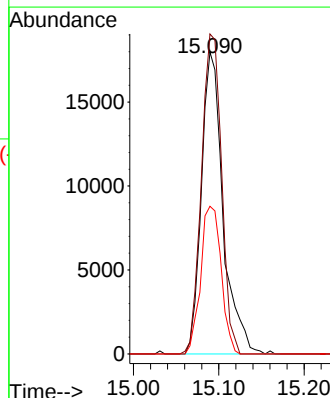
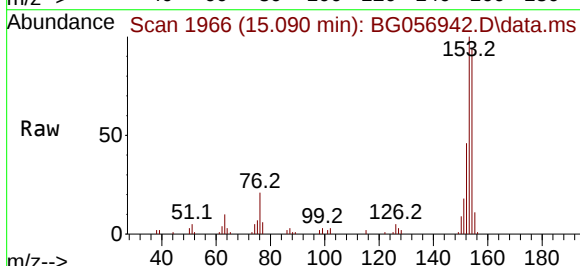
RT: 15.090 min Scan# 1966

Delta R.T. -0.011 min

Lab File: BG056942.D

Acq: 31 Mar 2023 13:26

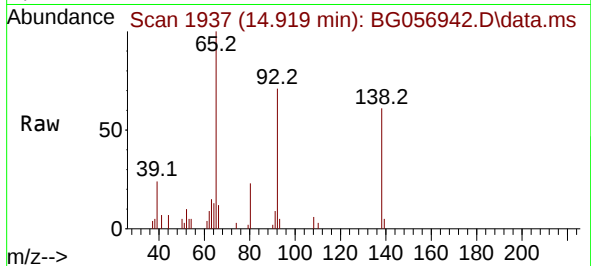
Tgt Ion:	154	Resp:	31625
Ion Ratio	Lower	Upper	
154	100		
153	106.0	88.9	133.3
152	48.9	41.8	62.8





#53
3-Nitroaniline
Concen: 8.969 ng
RT: 14.919 min Scan# 1938
Delta R.T. -0.005 min
Lab File: BG056942.D
Acq: 31 Mar 2023 13:26

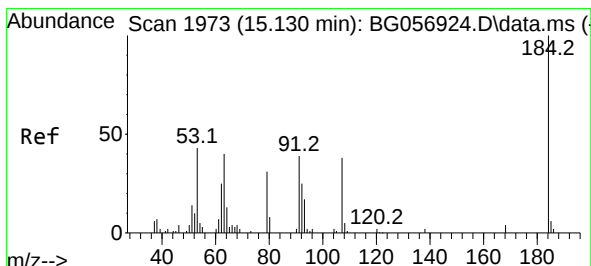
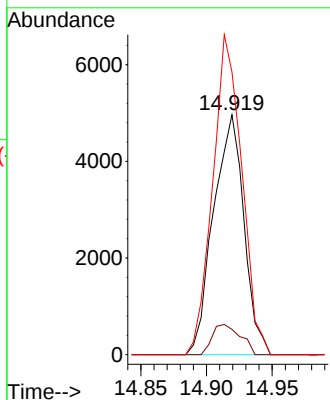
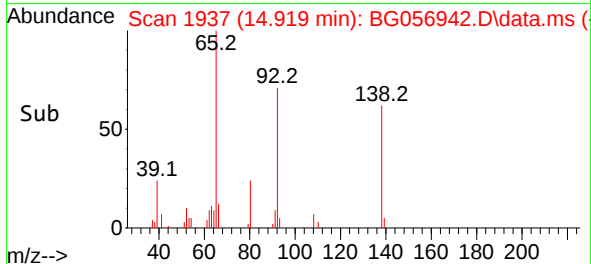
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion:138 Resp: 8009
Ion Ratio Lower Upper
138 100
108 10.6 8.2 12.2
92 117.8 105.2 157.8

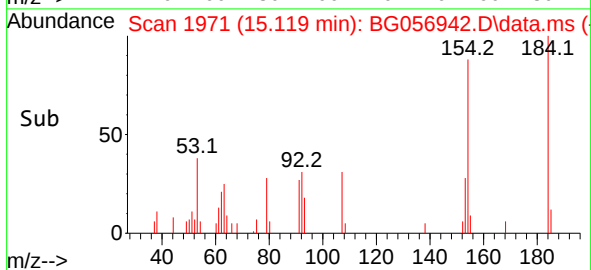
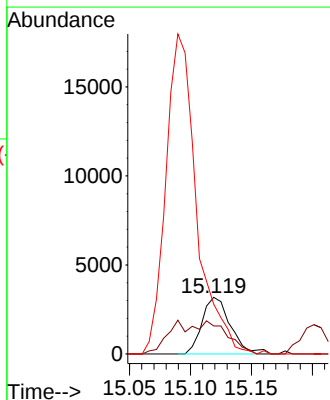
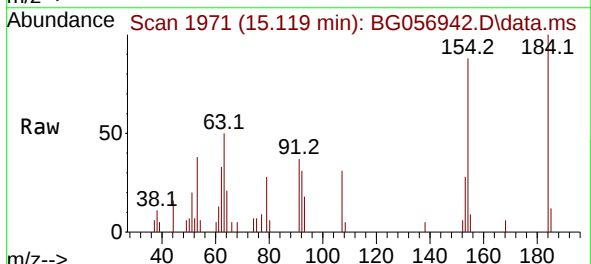
Manual Integrations
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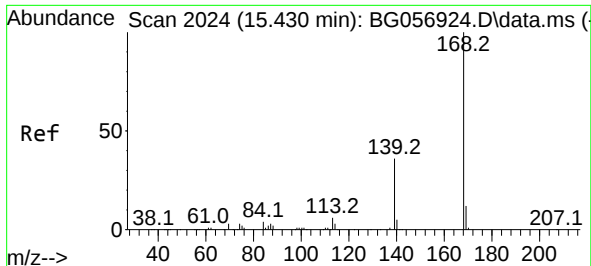
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#54
2,4-Dinitrophenol
Concen: 10.116 ng
RT: 15.119 min Scan# 1971
Delta R.T. -0.011 min
Lab File: BG056942.D
Acq: 31 Mar 2023 13:26

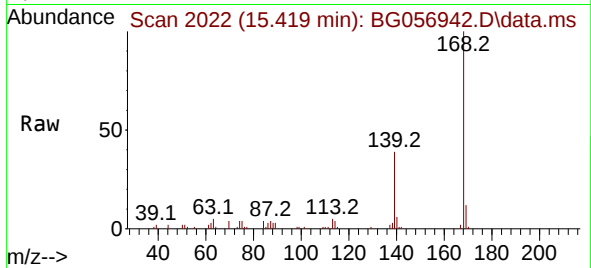
Tgt Ion:184 Resp: 5137
Ion Ratio Lower Upper
184 100
63 49.6 46.5 69.7
154 87.9 53.5 80.3#





#55
Dibenzenofuran
Concen: 9.286 ng
RT: 15.419 min Scan# 2022
Delta R.T. -0.011 min
Lab File: BG056942.D
Acq: 31 Mar 2023 13:26

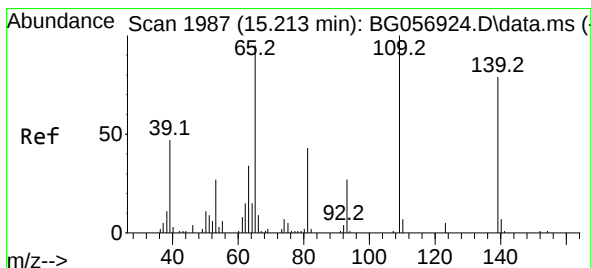
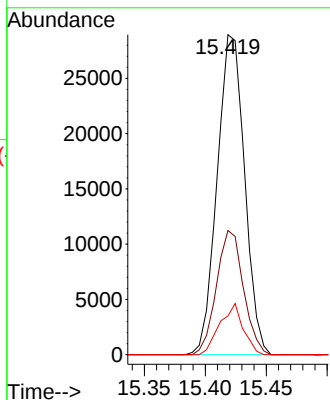
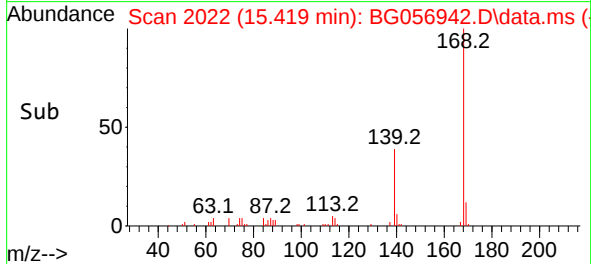
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2023



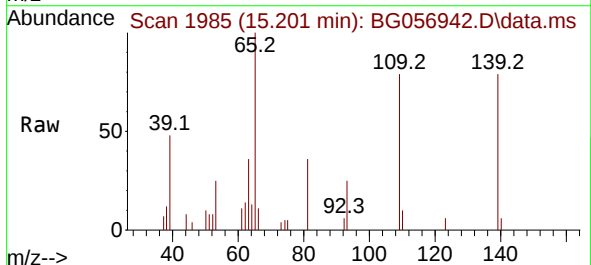
Tgt Ion:168 Resp: 4531
Ion Ratio Lower Upper
168 100
139 38.8 28.9 43.3
169 12.1 9.8 14.6

Manual Integrations
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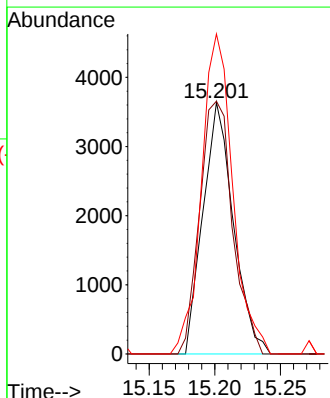
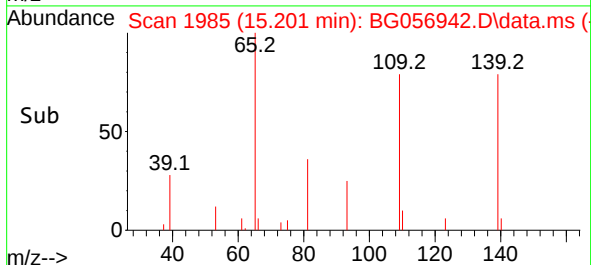
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023

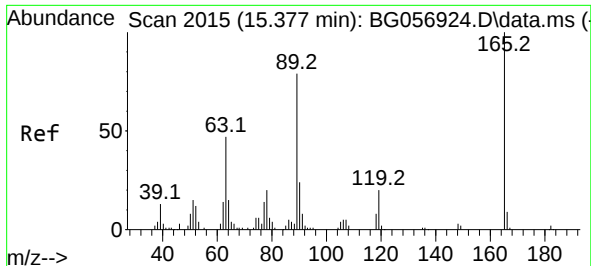


#56
4-Nitrophenol
Concen: 8.847 ng
RT: 15.201 min Scan# 1985
Delta R.T. -0.011 min
Lab File: BG056942.D
Acq: 31 Mar 2023 13:26



Tgt Ion:139 Resp: 5842
Ion Ratio Lower Upper
139 100
109 100.5 106.7 146.7#
65 127.2 100.5 140.5





#57

2,4-Dinitrotoluene

Concen: 8.826 ng

RT: 15.366 min Scan# 2015

Delta R.T. -0.011 min

Lab File: BG056942.D

Acq: 31 Mar 2023 13:26

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2023

Tgt Ion:165 Resp: 1123

Ion Ratio Lower Upper

165 100

63 46.0 37.7 56.5

89 80.0 63.2 94.8

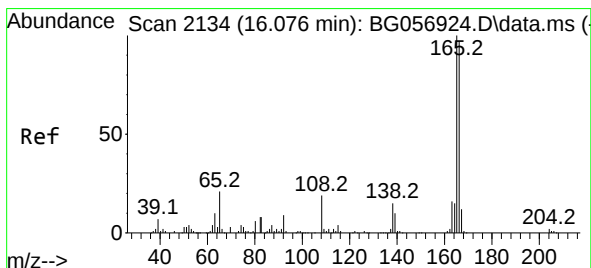
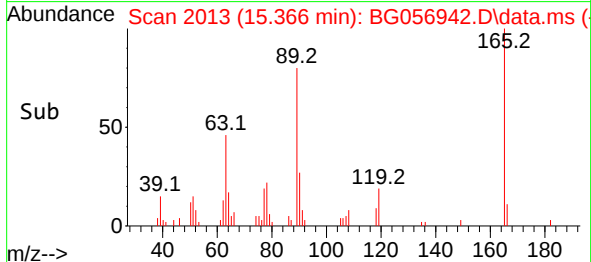
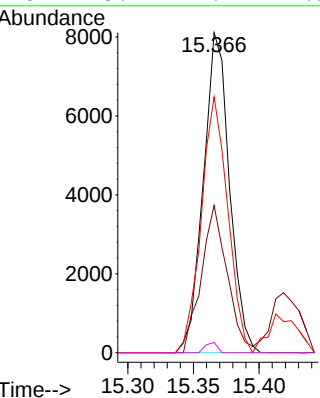
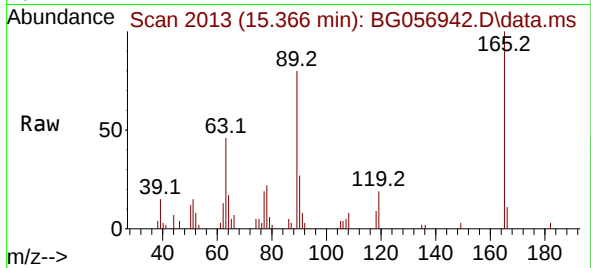
182 3.2 1.7 2.5#

Manual Integrations

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Reviewed By :Christian Giraldo 04/03/2023

Supervised By :Jagrut Upadhyay 04/03/2023



#58

Fluorene

Concen: 9.544 ng

RT: 16.065 min Scan# 2132

Delta R.T. -0.011 min

Lab File: BG056942.D

Acq: 31 Mar 2023 13:26

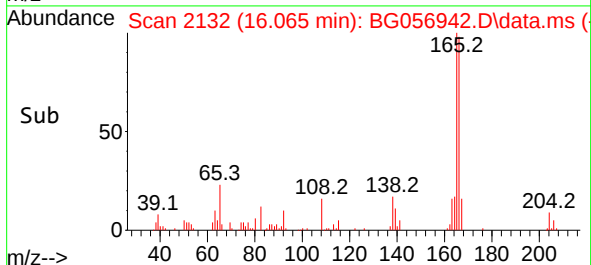
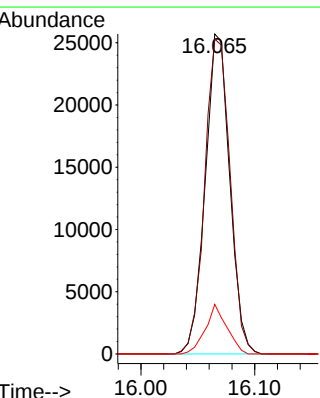
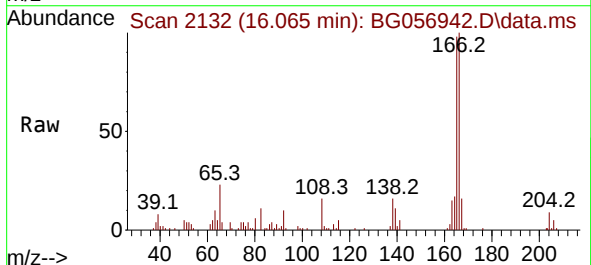
Tgt Ion:166 Resp: 38536

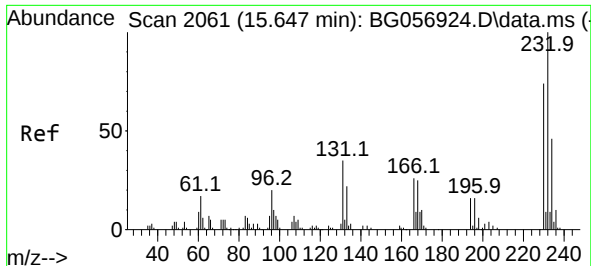
Ion Ratio Lower Upper

166 100

165 98.4 82.6 123.8

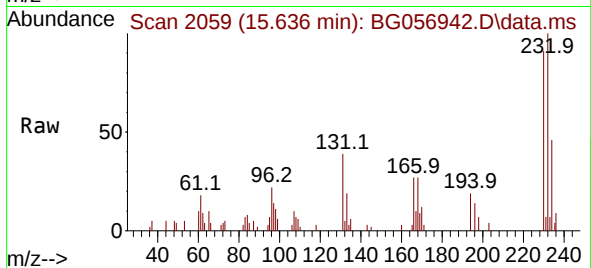
167 15.5 10.2 15.2#





#59
2,3,4,6-Tetrachlorophenol
Concen: 9.415 ng
RT: 15.636 min Scan# 2059
Delta R.T. -0.011 min
Lab File: BG056942.D
Acq: 31 Mar 2023 13:26

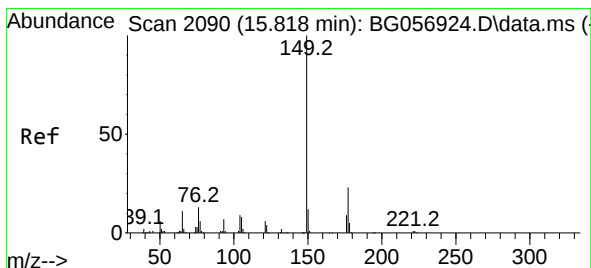
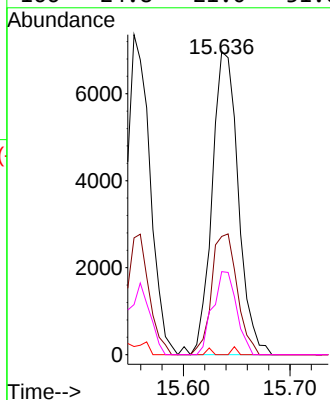
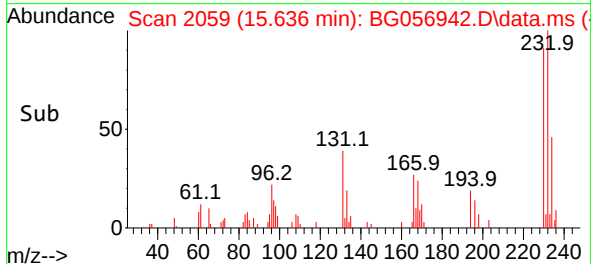
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion:232 Resp: 11909
Ion Ratio Lower Upper
232 100
131 39.0 29.3 43.9
130 0.5 1.7 2.5
166 24.8 21.0 31.6

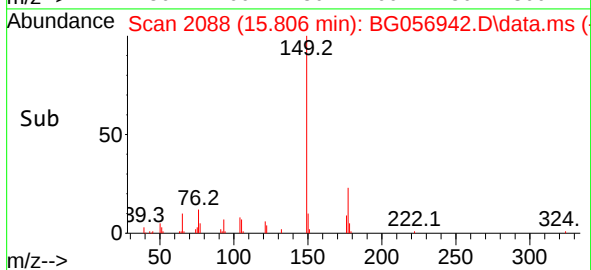
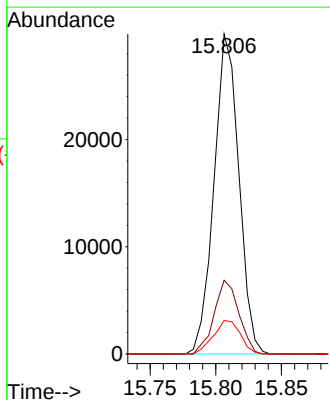
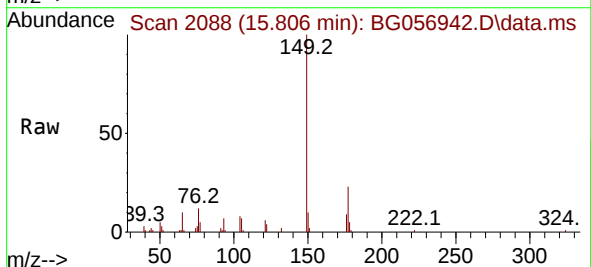
Manual Integrations
APPROVED

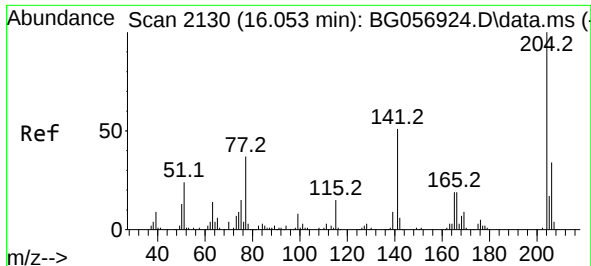
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#60
Diethylphthalate
Concen: 9.385 ng
RT: 15.806 min Scan# 2088
Delta R.T. -0.011 min
Lab File: BG056942.D
Acq: 31 Mar 2023 13:26

Tgt Ion:149 Resp: 39286
Ion Ratio Lower Upper
149 100
177 23.1 18.8 28.2
150 10.4 9.4 14.2





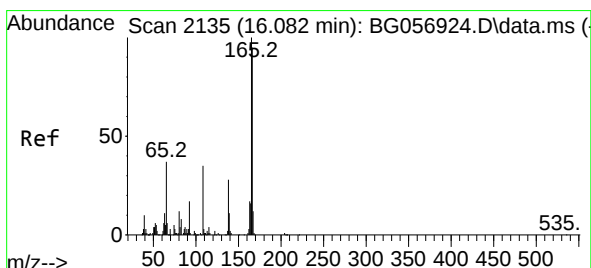
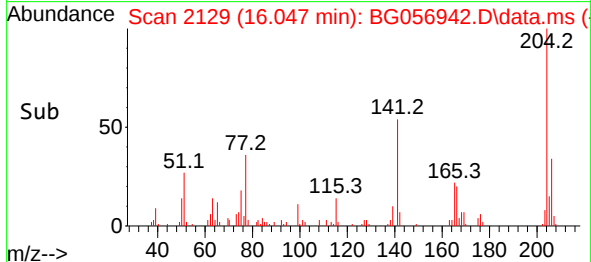
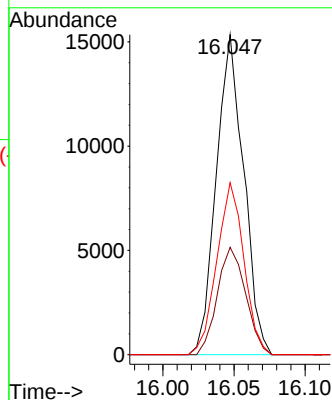
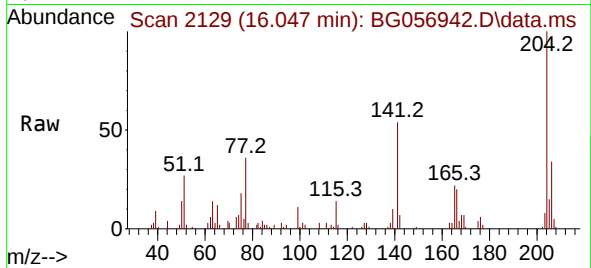
#61
4-Chlorophenyl-phenylether
Concen: 8.682 ng
RT: 16.047 min Scan# 2130
Delta R.T. -0.005 min
Lab File: BG056942.D
Acq: 31 Mar 2023 13:26

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2023

Tgt Ion:204 Resp: 2058
Ion Ratio Lower Upper
204 100
206 33.6 27.2 40.8
141 53.7 40.7 61.1

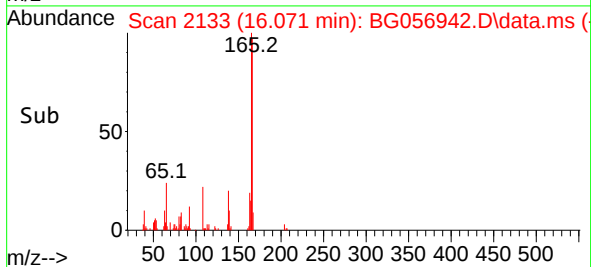
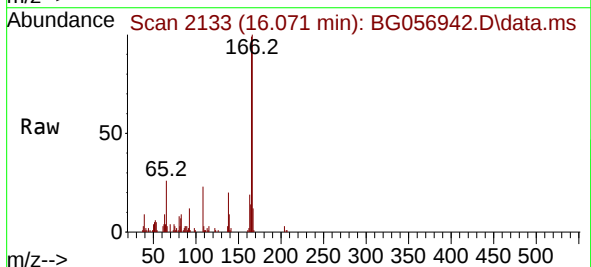
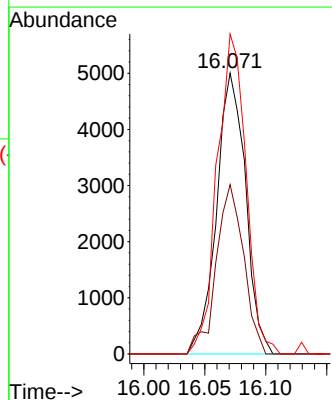
Manual Integrations
APPROVED

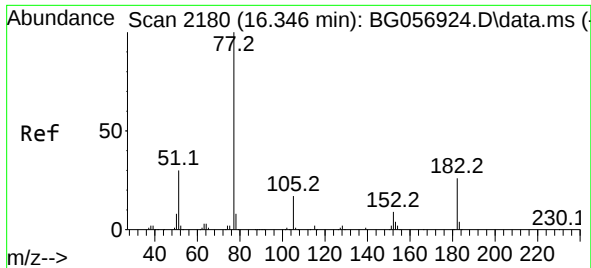
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#62
4-Nitroaniline
Concen: 8.929 ng
RT: 16.071 min Scan# 2133
Delta R.T. -0.011 min
Lab File: BG056942.D
Acq: 31 Mar 2023 13:26

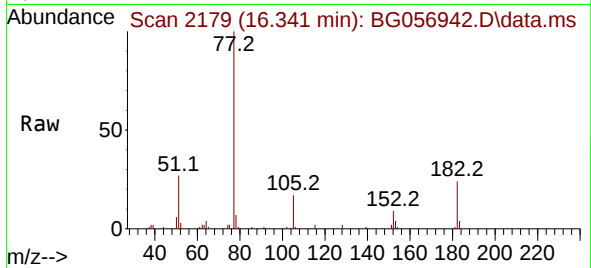
Tgt Ion:138 Resp: 8261
Ion Ratio Lower Upper
138 100
92 60.3 40.9 80.9
108 114.0 104.3 144.3





#63
Azobenzene
Concen: 9.383 ng
RT: 16.341 min Scan# 2180
Delta R.T. -0.005 min
Lab File: BG056942.D
Acq: 31 Mar 2023 13:26

Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2023

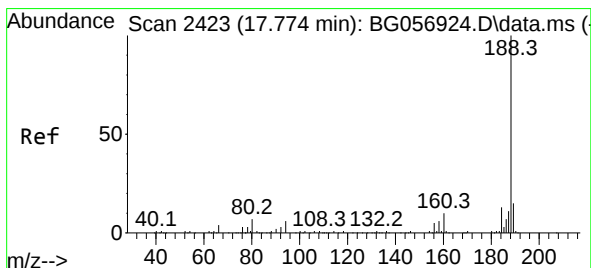
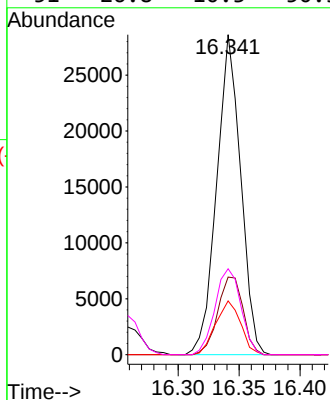
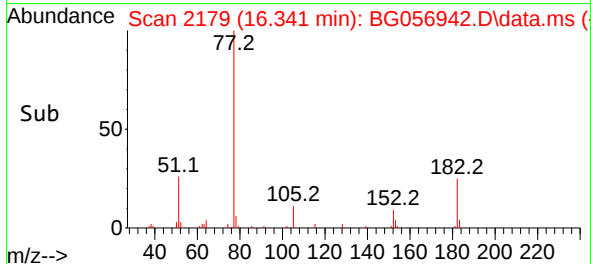


Tgt Ion: 77 Resp: 3914

Ion	Ratio	Lower	Upper
77	100		
182	24.3	5.9	45.9
105	16.8	0.0	36.8
51	26.8	10.3	50.3

Manual Integrations
APPROVED

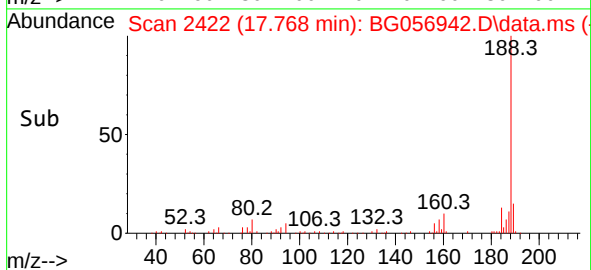
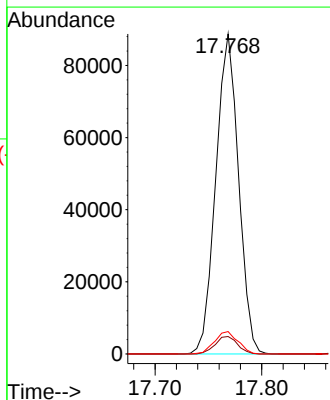
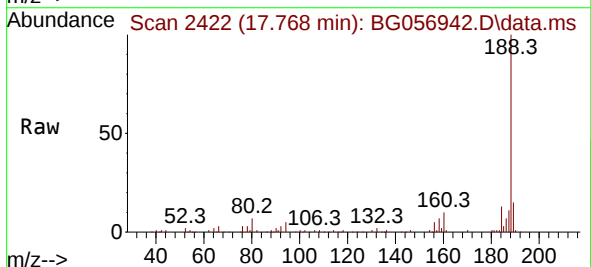
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023

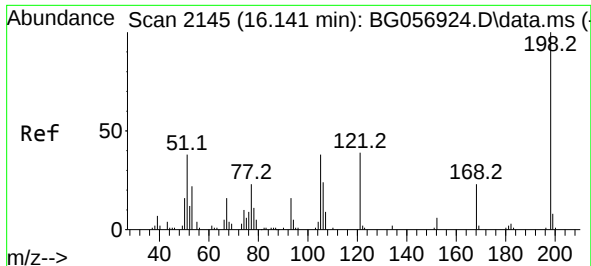


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.768 min Scan# 2422
Delta R.T. -0.005 min
Lab File: BG056942.D
Acq: 31 Mar 2023 13:26

Tgt Ion:188 Resp: 131140

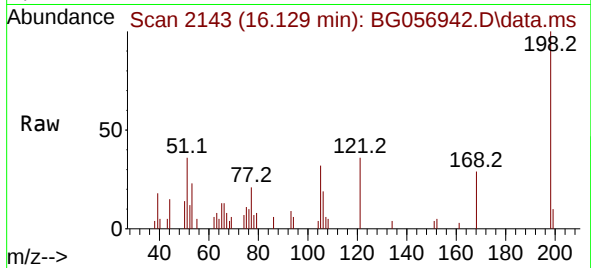
Ion	Ratio	Lower	Upper
188	100		
94	5.4	4.6	6.8
80	7.0	5.5	8.3





#65
4,6-Dinitro-2-methylphenol
Concen: 8.093 ng
RT: 16.129 min Scan# 2143
Delta R.T. -0.011 min
Lab File: BG056942.D
Acq: 31 Mar 2023 13:26

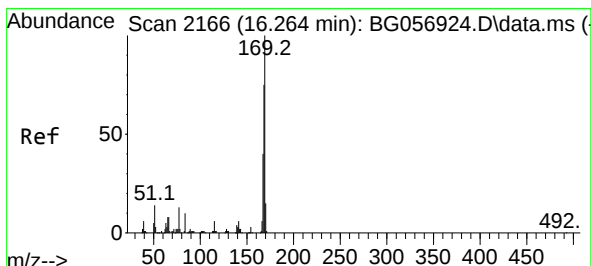
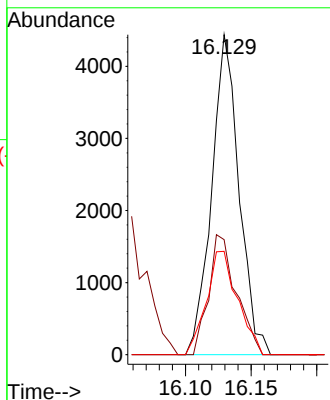
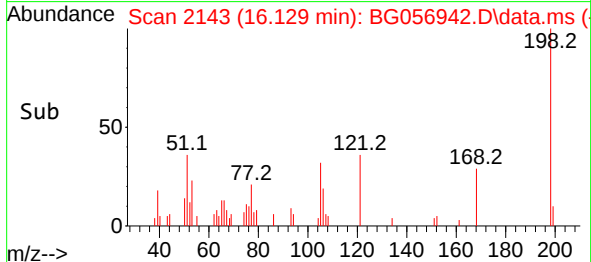
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion:198 Resp: 6428
Ion Ratio Lower Upper
198 100
51 35.9 20.5 60.5
105 32.3 18.1 58.1

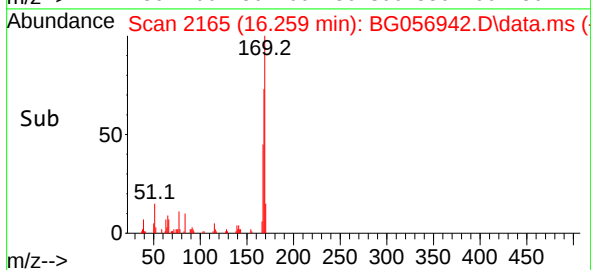
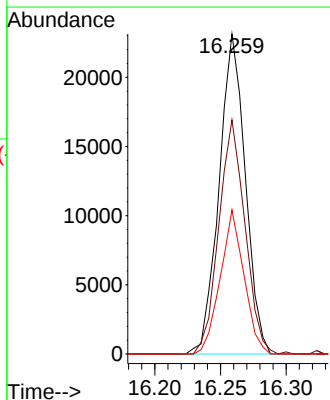
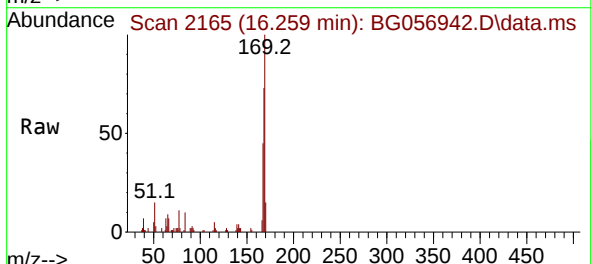
Manual Integrations
APPROVED

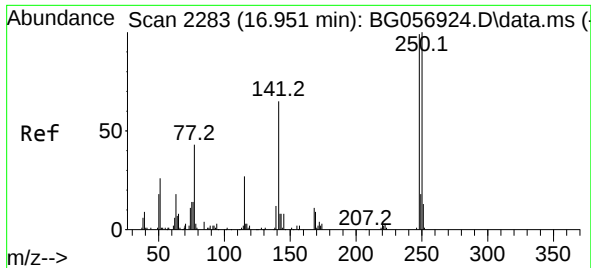
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#66
n-Nitrosodiphenylamine
Concen: 9.121 ng
RT: 16.259 min Scan# 2165
Delta R.T. -0.005 min
Lab File: BG056942.D
Acq: 31 Mar 2023 13:26

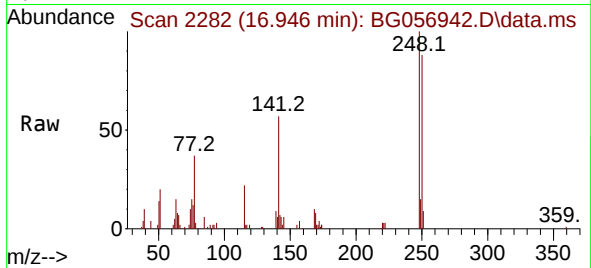
Tgt Ion:169 Resp: 32109
Ion Ratio Lower Upper
169 100
168 73.2 59.6 89.4
167 45.0 31.8 47.8





#67
4-Bromophenyl-phenylether
Concen: 9.568 ng
RT: 16.946 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG056942.D
Acq: 31 Mar 2023 13:26

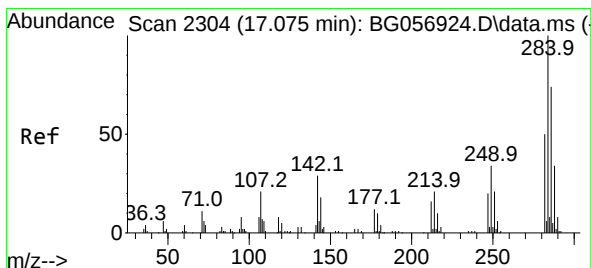
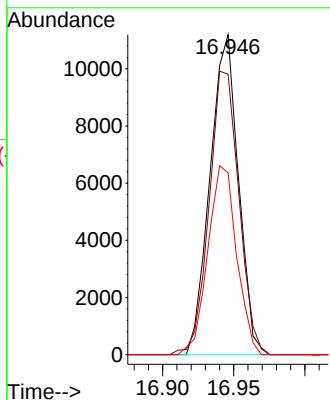
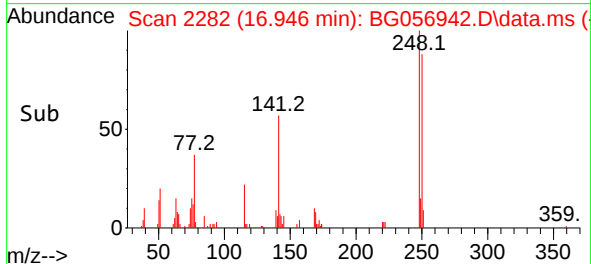
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2023



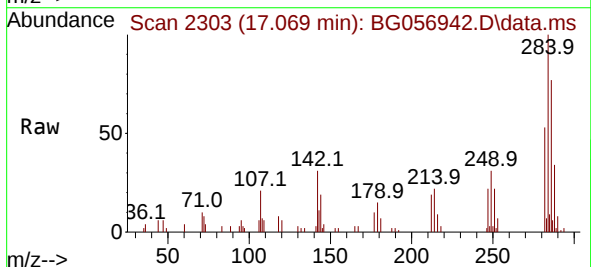
Tgt Ion:248 Resp: 1552
Ion Ratio Lower Upper
248 100
250 87.7 80.5 120.7
141 56.8 52.0 78.0

Manual Integrations
APPROVED

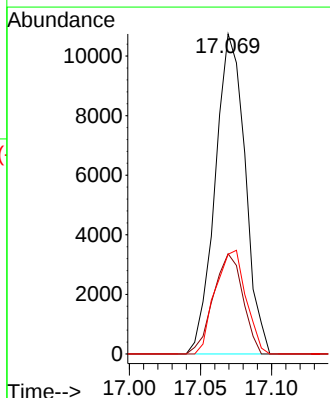
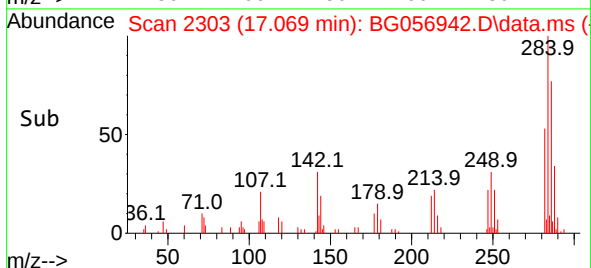
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023

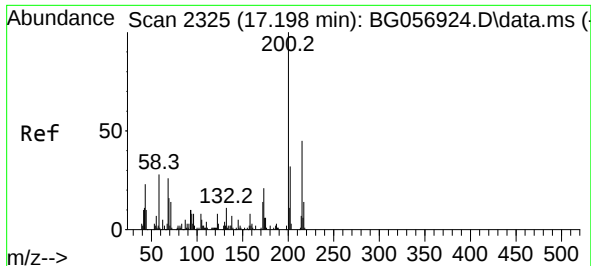


#68
Hexachlorobenzene
Concen: 9.797 ng
RT: 17.069 min Scan# 2303
Delta R.T. -0.005 min
Lab File: BG056942.D
Acq: 31 Mar 2023 13:26



Tgt Ion:284 Resp: 15716
Ion Ratio Lower Upper
284 100
142 31.3 23.0 34.4
249 31.2 27.1 40.7





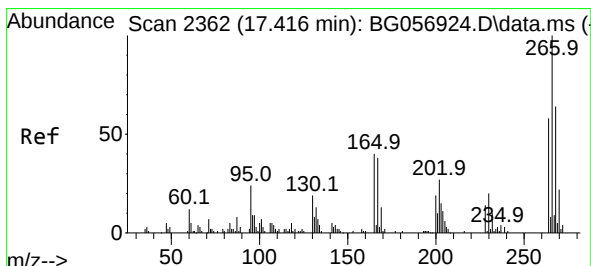
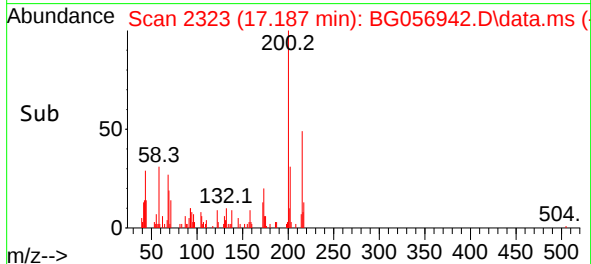
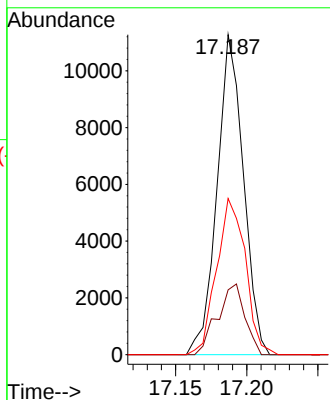
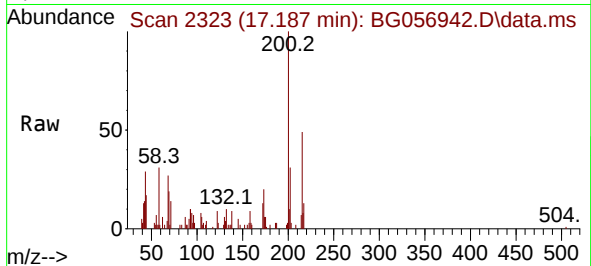
#69
Atrazine
Concen: 9.940 ng
RT: 17.187 min Scan# 21
Delta R.T. -0.011 min
Lab File: BG056942.D
Acq: 31 Mar 2023 13:26

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2023

Tgt Ion:200 Resp: 1452
Ion Ratio Lower Upper
200 100
173 20.3 1.0 41.0
215 48.8 25.0 65.0

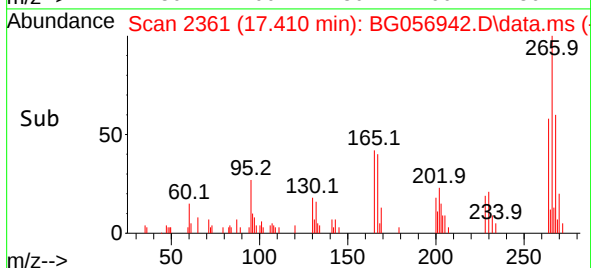
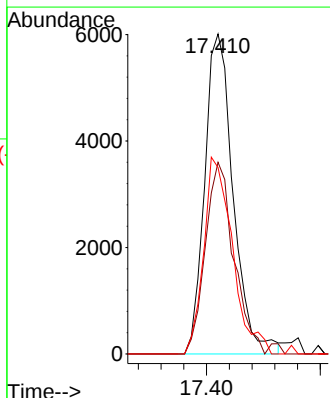
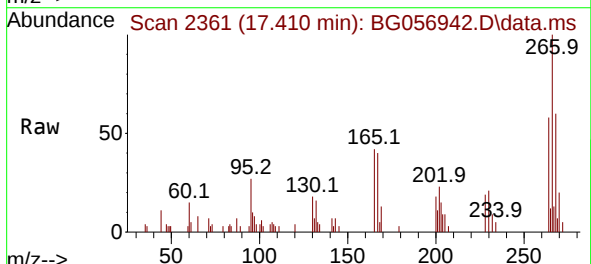
Manual Integrations
APPROVED

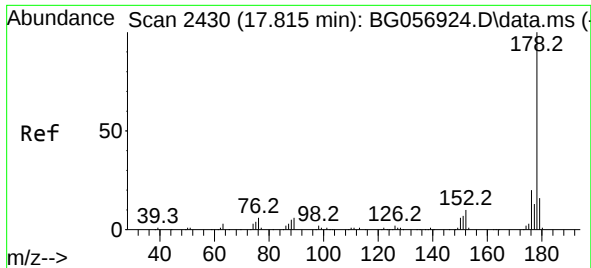
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#70
Pentachlorophenol
Concen: 9.076 ng
RT: 17.410 min Scan# 2361
Delta R.T. -0.005 min
Lab File: BG056942.D
Acq: 31 Mar 2023 13:26

Tgt Ion:266 Resp: 10446
Ion Ratio Lower Upper
266 100
268 59.9 51.0 76.6
264 58.3 46.8 70.2





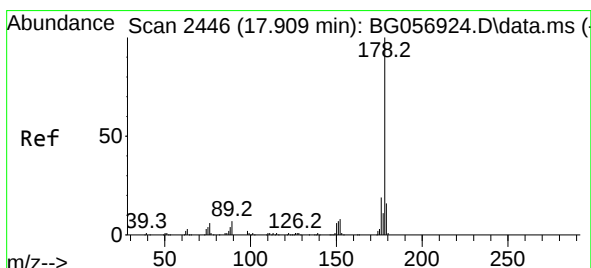
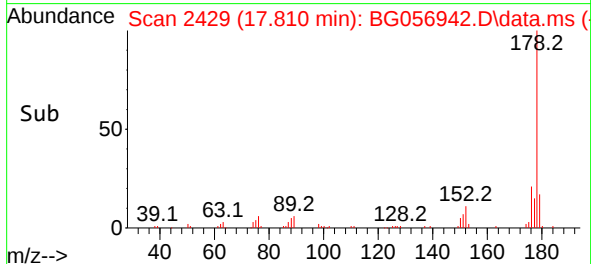
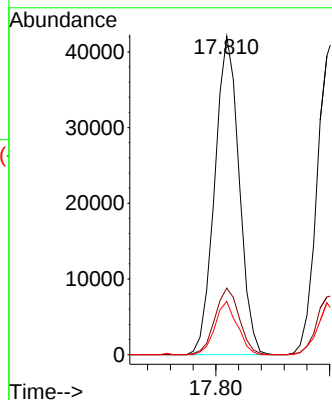
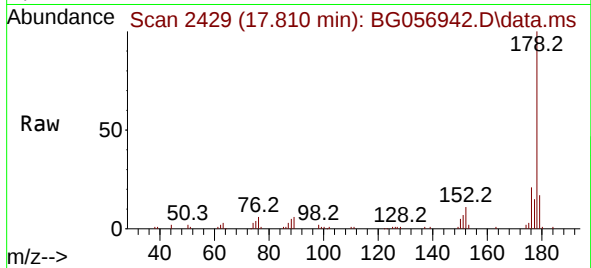
#71
Phenanthrene
Concen: 9.359 ng
RT: 17.810 min Scan# 2430
Delta R.T. -0.005 min
Lab File: BG056942.D
Acq: 31 Mar 2023 13:26

Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2023

Tgt Ion:178 Resp: 6257
Ion Ratio Lower Upper
178 100
176 20.9 16.2 24.2
179 16.7 12.5 18.7

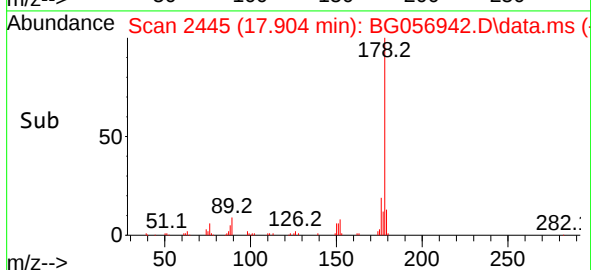
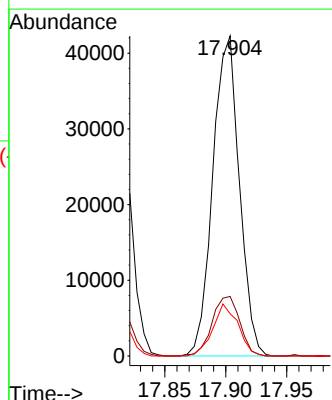
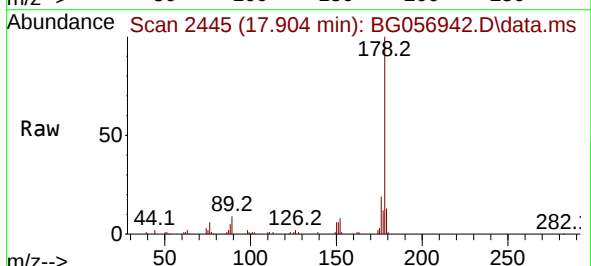
Manual Integrations
APPROVED

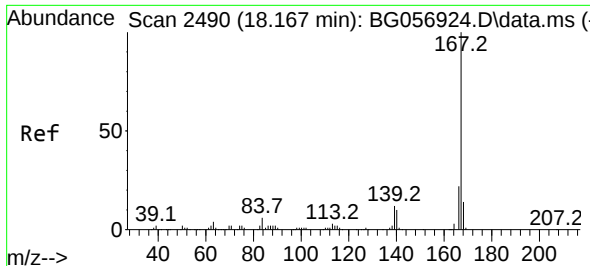
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#72
Anthracene
Concen: 9.327 ng
RT: 17.904 min Scan# 2445
Delta R.T. -0.005 min
Lab File: BG056942.D
Acq: 31 Mar 2023 13:26

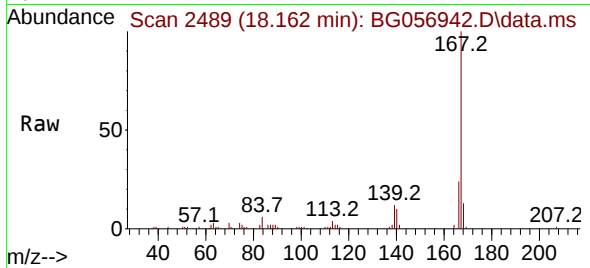
Tgt Ion:178 Resp: 63932
Ion Ratio Lower Upper
178 100
176 18.6 15.4 23.2
179 13.2 12.4 18.6





#73
Carbazole
Concen: 9.539 ng
RT: 18.162 min Scan# 2490
Delta R.T. -0.005 min
Lab File: BG056942.D
Acq: 31 Mar 2023 13:26

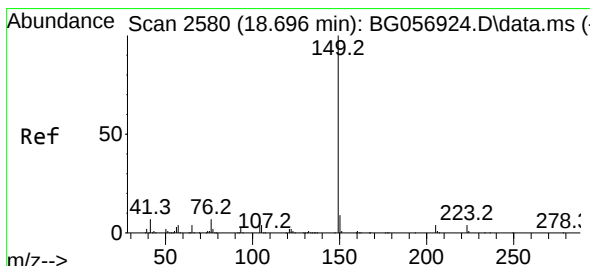
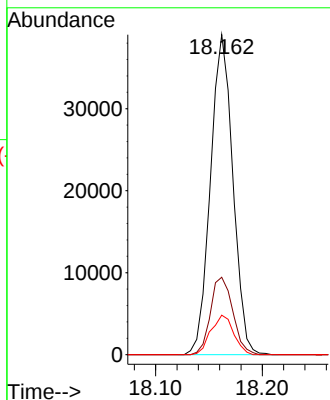
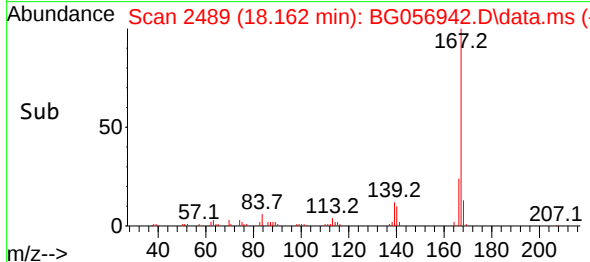
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2023



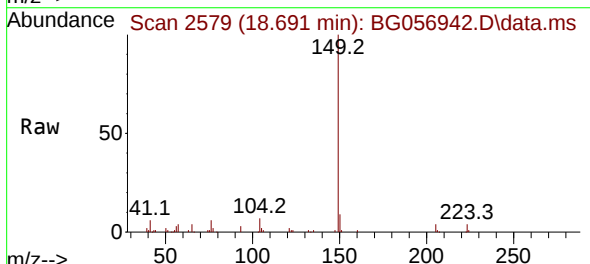
Tgt Ion:167 Resp: 57004
Ion Ratio Lower Upper
167 100
166 24.2 17.9 26.9
139 12.3 9.5 14.3

Manual Integrations
APPROVED

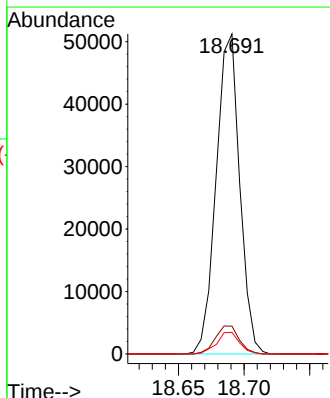
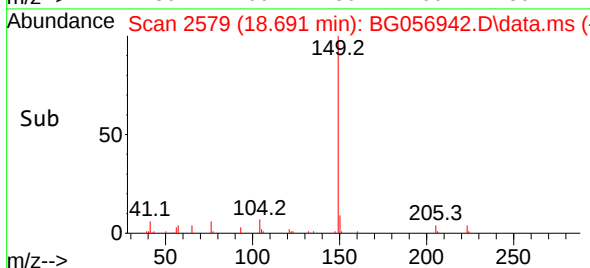
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023

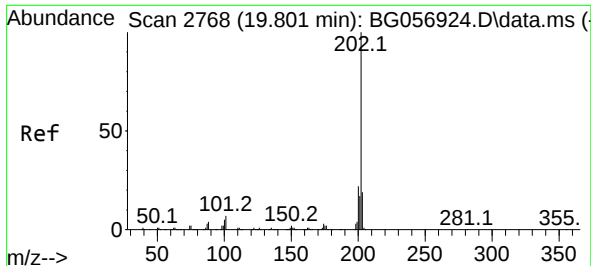


#74
Di-n-butylphthalate
Concen: 9.223 ng
RT: 18.691 min Scan# 2579
Delta R.T. -0.005 min
Lab File: BG056942.D
Acq: 31 Mar 2023 13:26



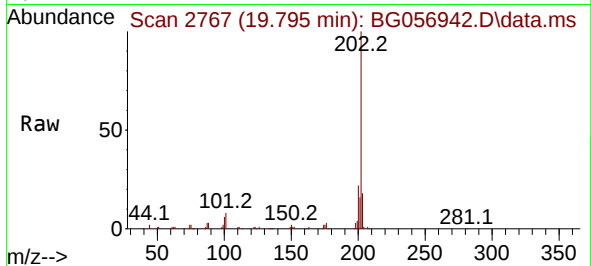
Tgt Ion:149 Resp: 63820
Ion Ratio Lower Upper
149 100
150 8.7 7.4 11.0
104 6.7 4.9 7.3





#75
Fluoranthene
Concen: 9.259 ng
RT: 19.795 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG056942.D
Acq: 31 Mar 2023 13:26

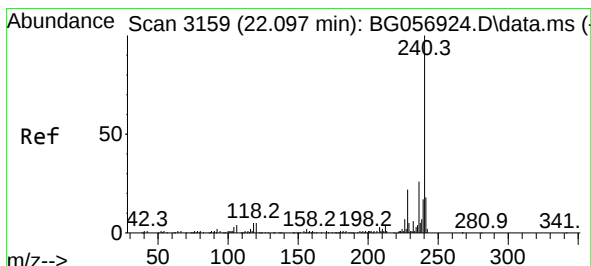
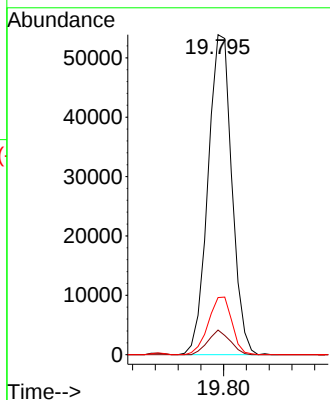
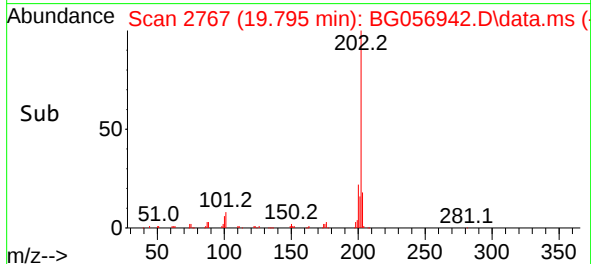
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion:202 Resp: 78474
Ion Ratio Lower Upper
202 100
101 7.7 0.0 26.7
203 17.9 0.0 39.0

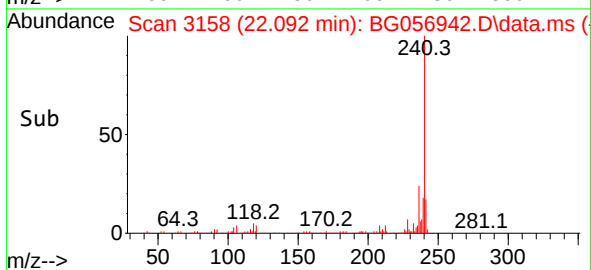
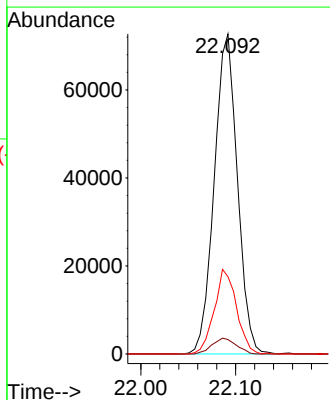
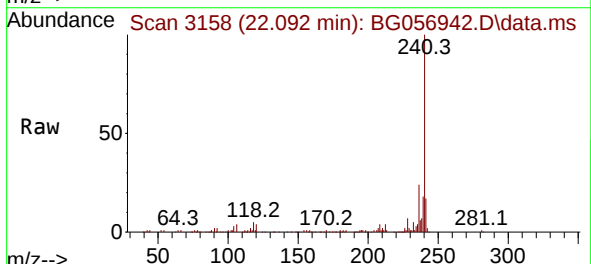
Manual Integrations
APPROVED

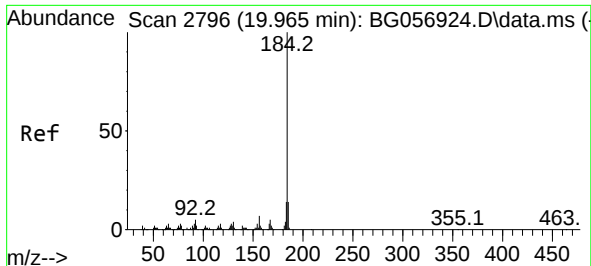
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.092 min Scan# 3158
Delta R.T. -0.005 min
Lab File: BG056942.D
Acq: 31 Mar 2023 13:26

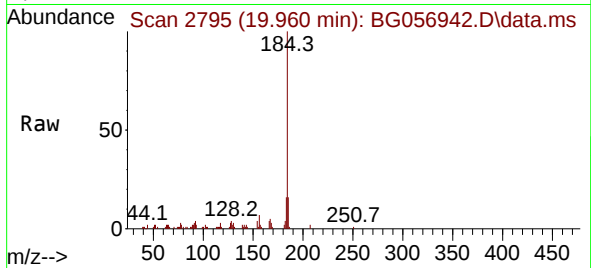
Tgt Ion:240 Resp: 123331
Ion Ratio Lower Upper
240 100
120 4.5 3.8 5.6
236 24.2 21.0 31.6





#77
Benzidine
Concen: 12.966 ng
RT: 19.960 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG056942.D
Acq: 31 Mar 2023 13:26

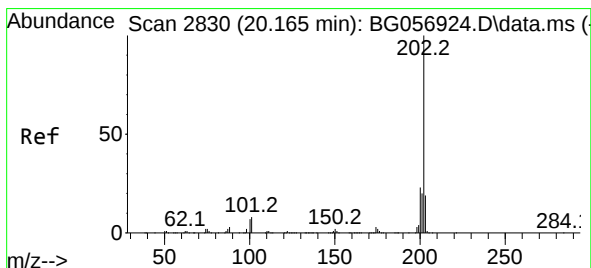
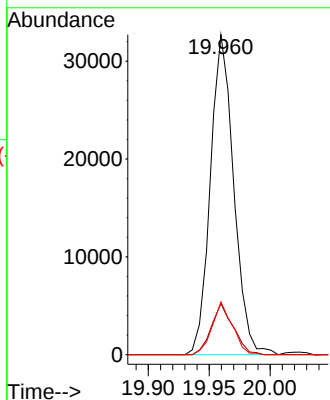
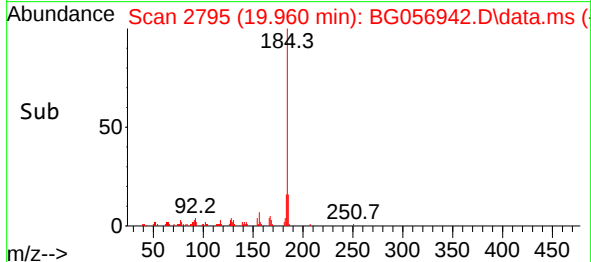
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion:184 Resp: 43709
Ion Ratio Lower Upper
184 100
185 15.9 11.0 16.4
183 16.5 11.4 17.0

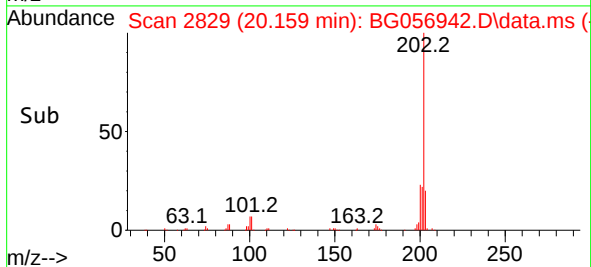
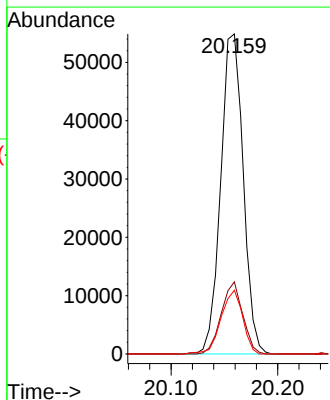
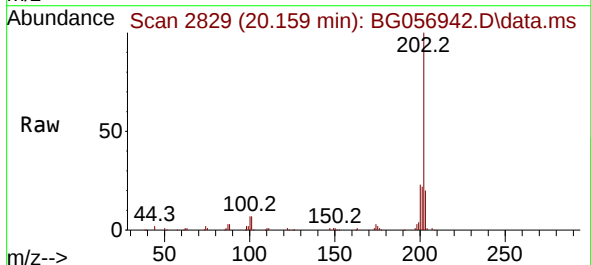
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#78
Pyrene
Concen: 9.405 ng
RT: 20.159 min Scan# 2829
Delta R.T. -0.005 min
Lab File: BG056942.D
Acq: 31 Mar 2023 13:26

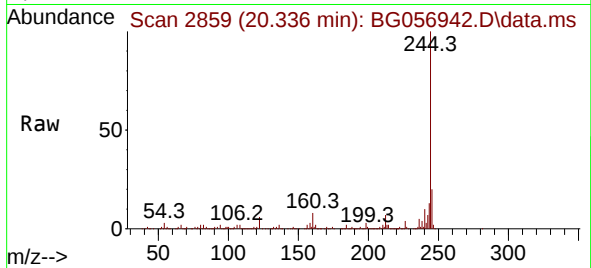
Tgt Ion:202 Resp: 80226
Ion Ratio Lower Upper
202 100
200 22.6 18.7 28.1
203 19.9 15.4 23.2





#79
 Terphenyl-d14
 Concen: 79.373 ng
 RT: 20.336 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG056942.D
 Acq: 31 Mar 2023 13:26

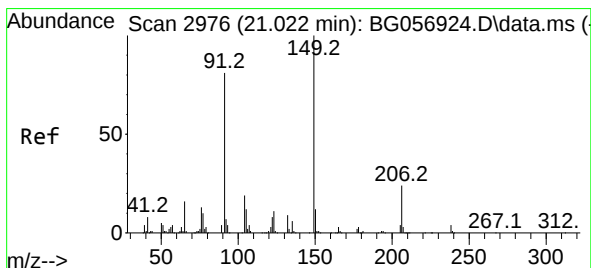
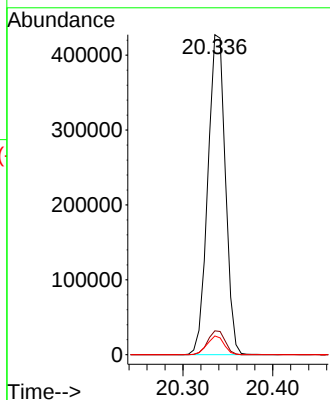
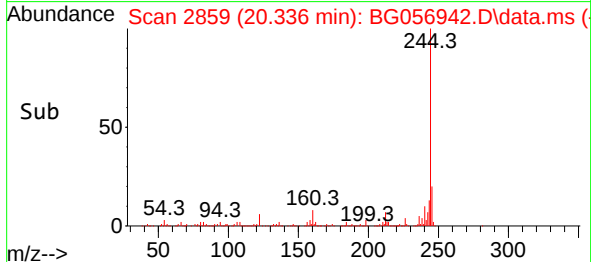
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT1-2023



Tgt Ion:244 Resp: 57850
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 5.9 5.0 7.4

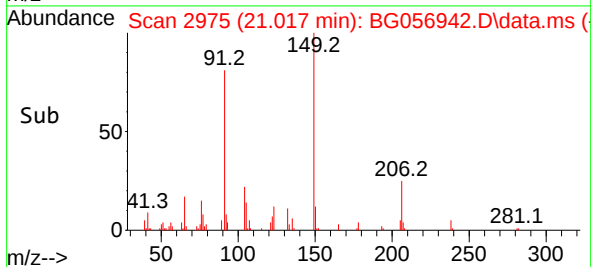
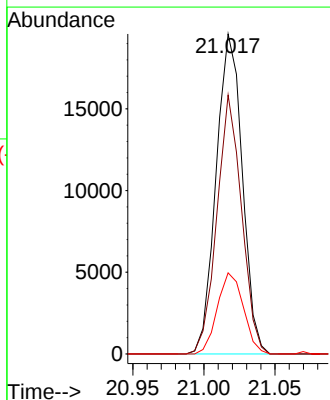
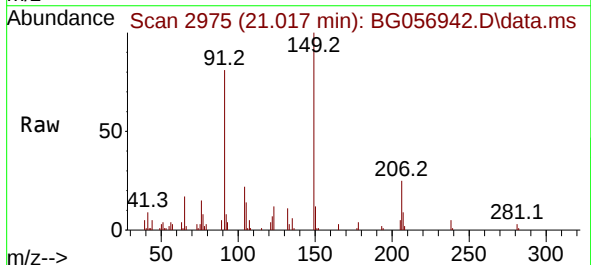
Manual Integrations
 APPROVED

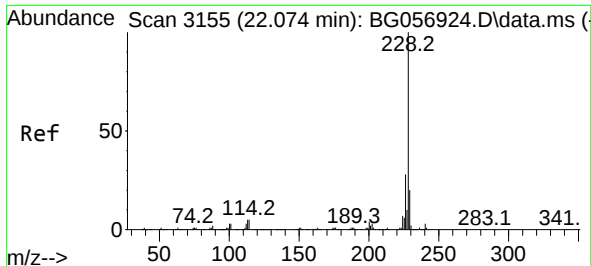
Reviewed By :Christian Giraldo 04/03/2023
 Supervised By :Jagrut Upadhyay 04/03/2023



#80
 Butylbenzylphthalate
 Concen: 8.526 ng
 RT: 21.017 min Scan# 2975
 Delta R.T. -0.005 min
 Lab File: BG056942.D
 Acq: 31 Mar 2023 13:26

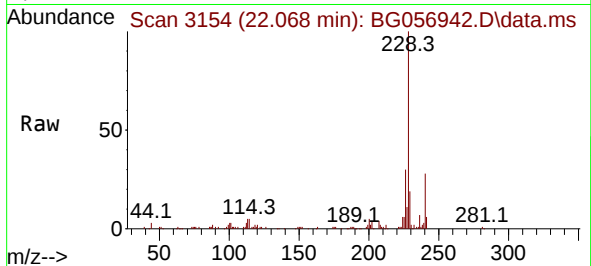
Tgt Ion:149 Resp: 25027
 Ion Ratio Lower Upper
 149 100
 91 80.9 64.4 96.6
 206 25.4 18.9 28.3





#81
Benzo(a)anthracene
Concen: 9.162 ng
RT: 22.068 min Scan# 3155
Delta R.T. -0.005 min
Lab File: BG056942.D
Acq: 31 Mar 2023 13:26

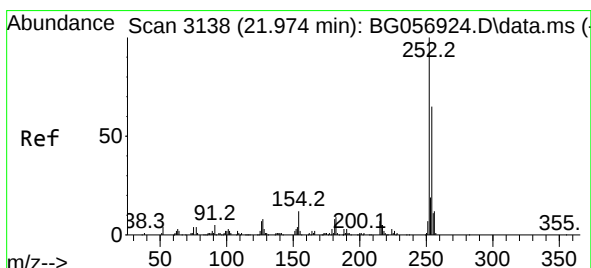
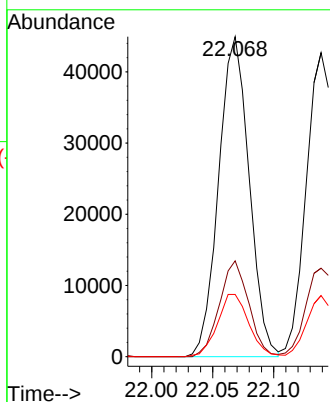
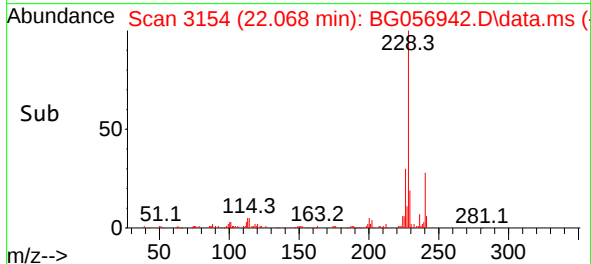
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion:228 Resp: 78192
Ion Ratio Lower Upper
228 100
226 29.9 22.1 33.1
229 19.5 16.1 24.1

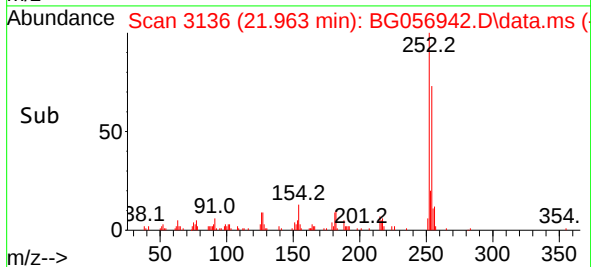
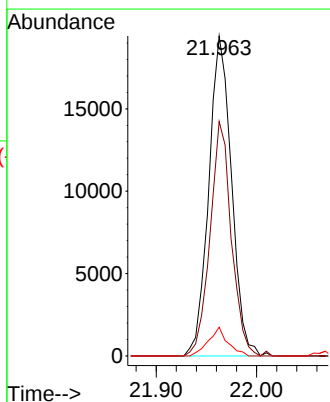
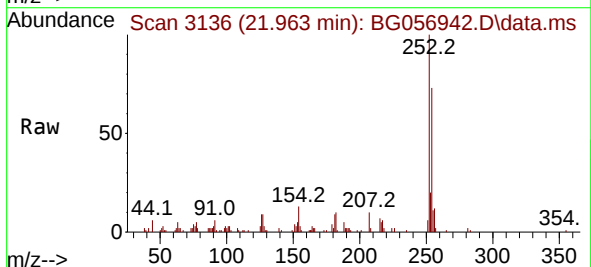
Manual Integrations
APPROVED

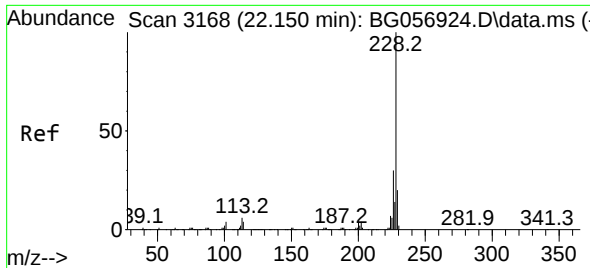
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#82
3,3'-Dichlorobenzidine
Concen: 10.600 ng
RT: 21.963 min Scan# 3136
Delta R.T. -0.011 min
Lab File: BG056942.D
Acq: 31 Mar 2023 13:26

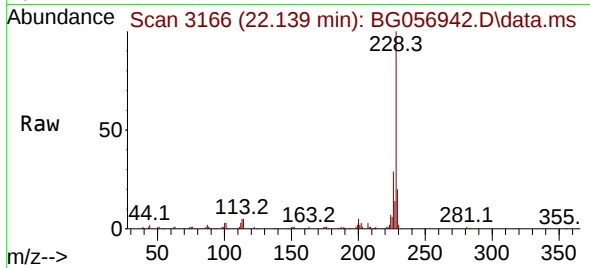
Tgt Ion:252 Resp: 30548
Ion Ratio Lower Upper
252 100
254 73.3 51.7 77.5
126 9.0 5.6 8.4





#83
Chrysene
Concen: 9.299 ng
RT: 22.139 min Scan# 3168
Delta R.T. -0.011 min
Lab File: BG056942.D
Acq: 31 Mar 2023 13:26

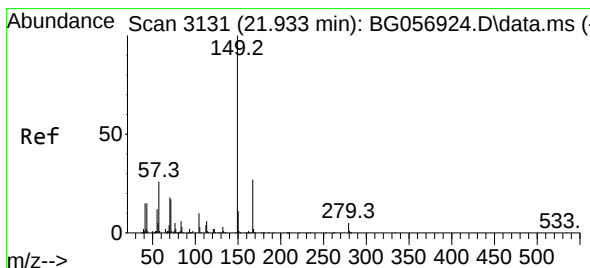
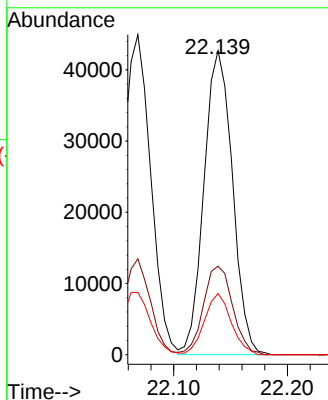
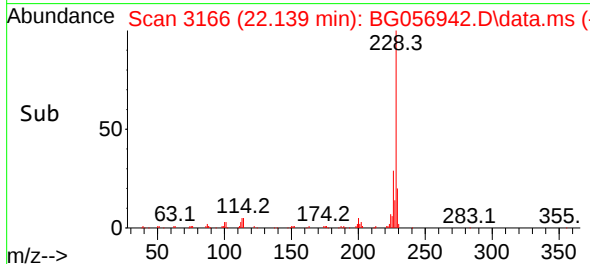
Instrument : BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion:228 Resp: 7430
Ion Ratio Lower Upper
228 100
226 29.1 24.1 36.1
229 20.1 15.6 23.4

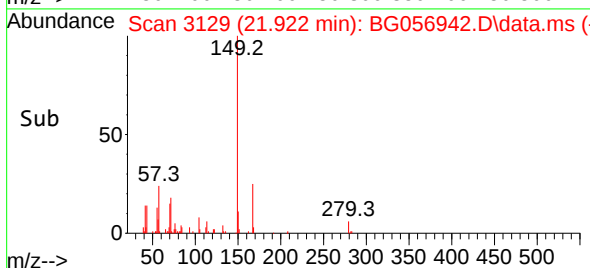
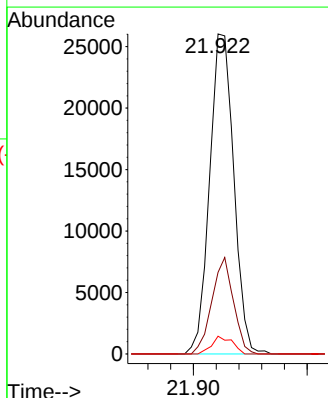
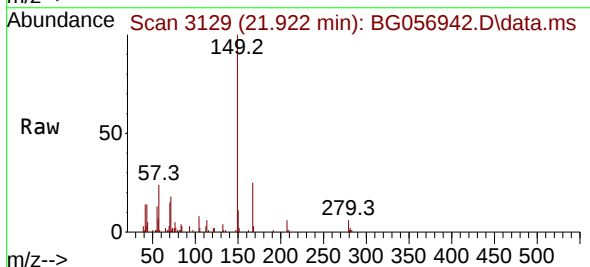
Manual Integrations
APPROVED

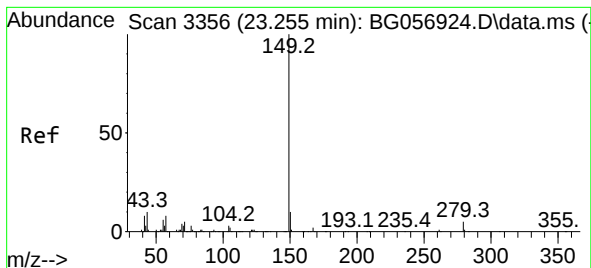
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 9.037 ng
RT: 21.922 min Scan# 3129
Delta R.T. -0.011 min
Lab File: BG056942.D
Acq: 31 Mar 2023 13:26

Tgt Ion:149 Resp: 38412
Ion Ratio Lower Upper
149 100
167 25.5 21.4 32.2
279 5.5 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 9.158 ng

RT: 23.243 min Scan# 31

Delta R.T. -0.011 min

Lab File: BG056942.D

Acq: 31 Mar 2023 13:26

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2023

Tgt Ion:149 Resp: 65599

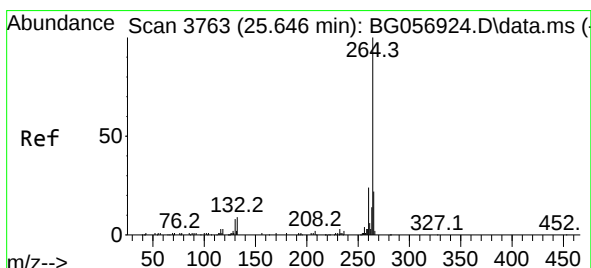
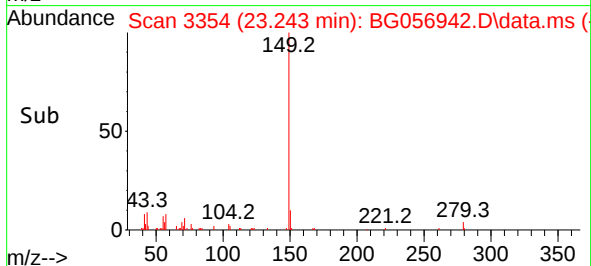
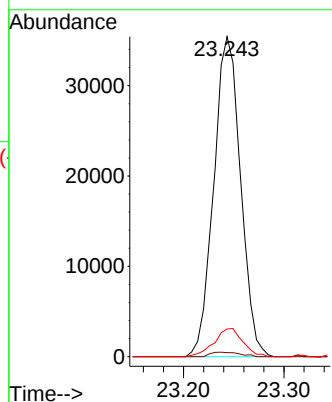
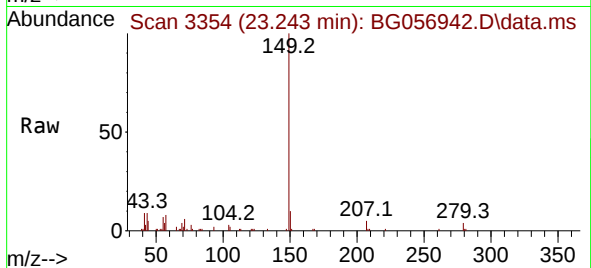
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	9.5	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/03/2023

Supervised By :Jagrut Upadhyay 04/03/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.634 min Scan# 3761

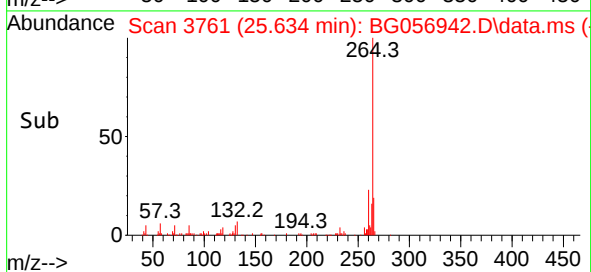
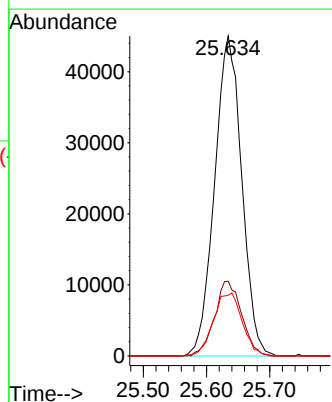
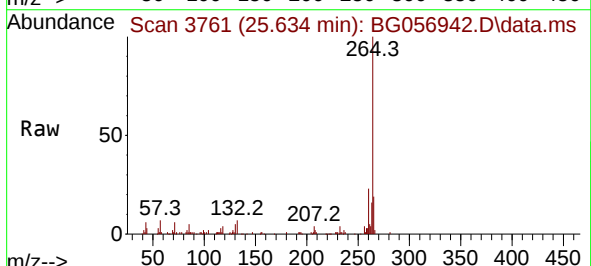
Delta R.T. -0.011 min

Lab File: BG056942.D

Acq: 31 Mar 2023 13:26

Tgt Ion:264 Resp: 134175

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.4
265	19.0	17.8	26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 9.175 ng

RT: 29.717 min Scan# 4456

Delta R.T. -0.035 min

Lab File: BG056942.D

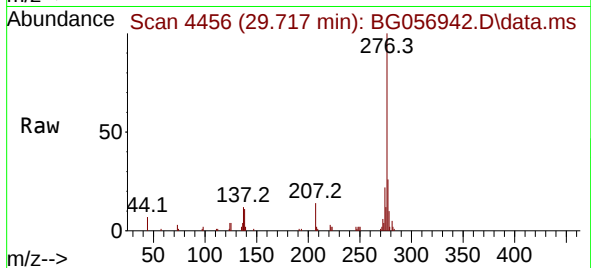
Acq: 31 Mar 2023 13:26

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2023



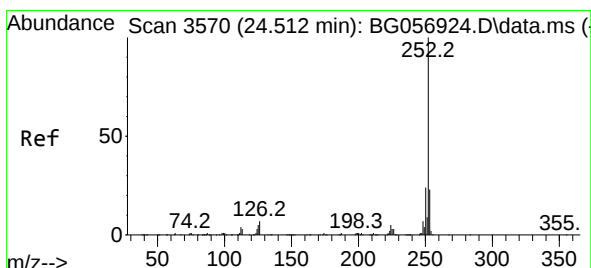
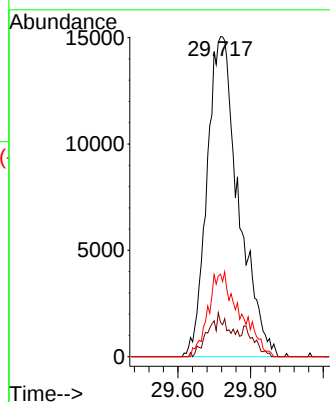
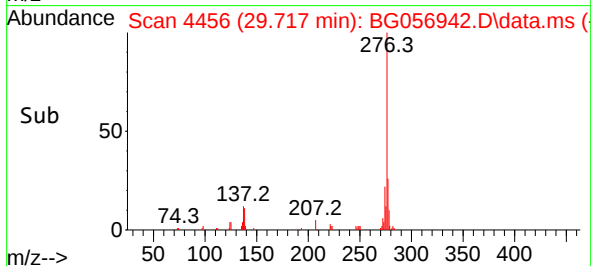
Tgt Ion:	276	Resp:	9097
Ion Ratio	Lower	Upper	
276	100		
138	8.2	7.7	11.5
277	26.6	21.0	31.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/03/2023

Supervised By :Jagrut Upadhyay 04/03/2023



#88

Benzo(b)fluoranthene

Concen: 9.711 ng

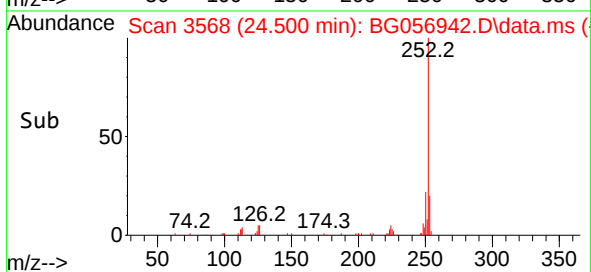
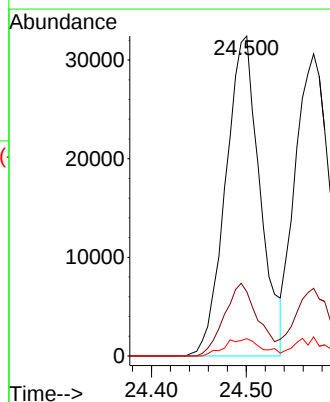
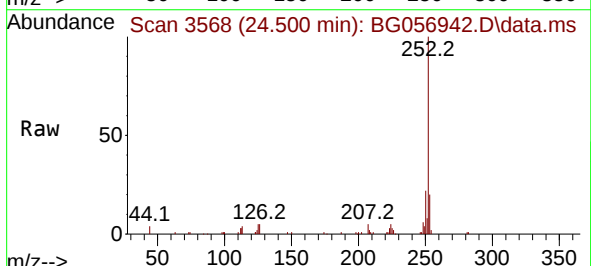
RT: 24.500 min Scan# 3568

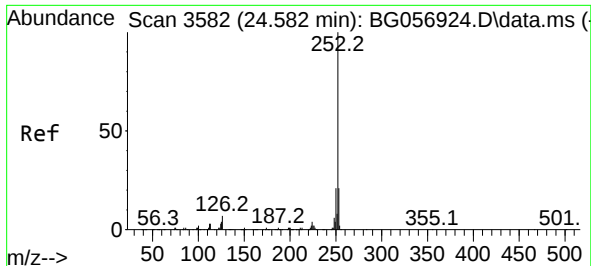
Delta R.T. -0.011 min

Lab File: BG056942.D

Acq: 31 Mar 2023 13:26

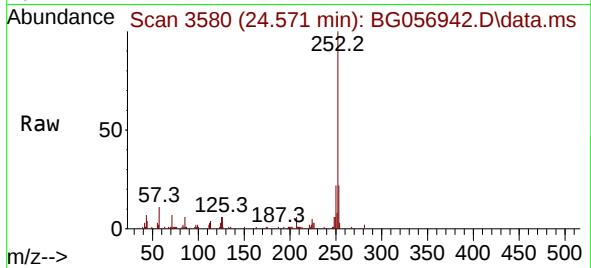
Tgt Ion:	252	Resp:	81476
Ion Ratio	Lower	Upper	
252	100		
253	20.1	18.1	27.1
125	5.4	4.2	6.4





#89
Benzo(k)fluoranthene
Concen: 9.409 ng m
RT: 24.571 min Scan# 3
Delta R.T. -0.011 min
Lab File: BG056942.D
Acq: 31 Mar 2023 13:26

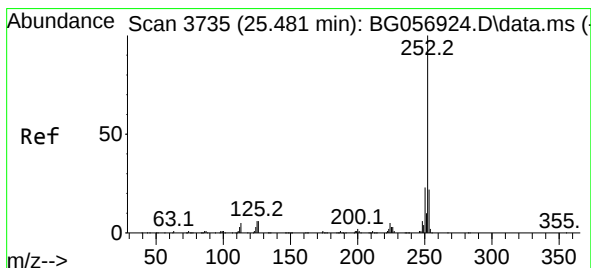
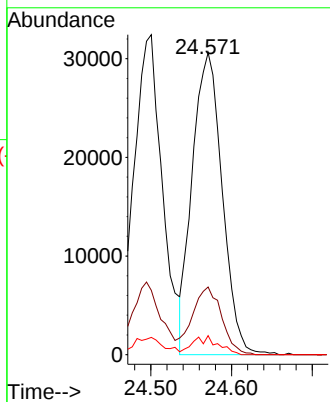
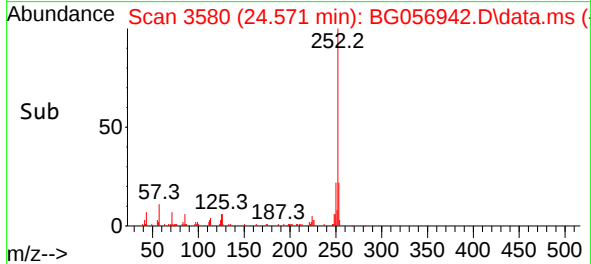
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2023



Tgt Ion:252 Resp: 7881
Ion Ratio Lower Upper
252 100
253 22.4 17.1 25.7
125 6.3 3.8 5.6

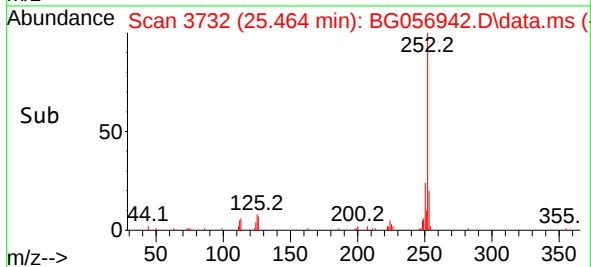
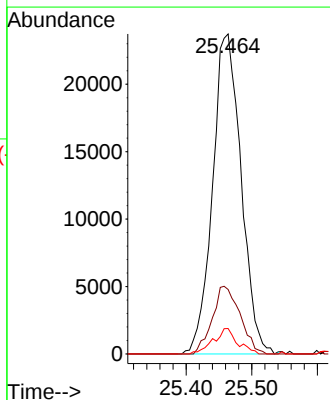
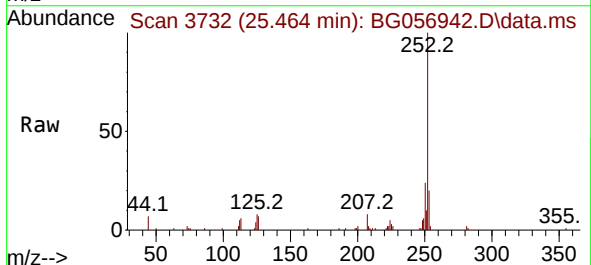
Manual Integrations
APPROVED

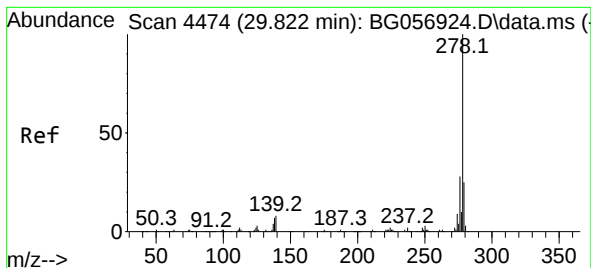
Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023



#90
Benzo(a)pyrene
Concen: 8.678 ng
RT: 25.464 min Scan# 3732
Delta R.T. -0.017 min
Lab File: BG056942.D
Acq: 31 Mar 2023 13:26

Tgt Ion:252 Resp: 71549
Ion Ratio Lower Upper
252 100
253 20.2 17.6 26.4
125 7.9 4.5 6.7#





#91

Dibenzo(a,h)anthracene

Concen: 9.529 ng

RT: 29.787 min Scan# 4474

Delta R.T. -0.035 min

Lab File: BG056942.D

Acq: 31 Mar 2023 13:26

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT1-2023

Tgt Ion:278 Resp: 77669

Ion Ratio Lower Upper

278 100

139 7.5 6.4 9.6

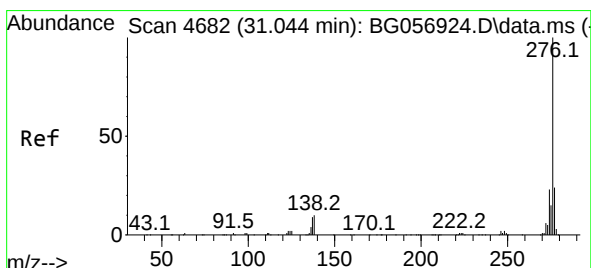
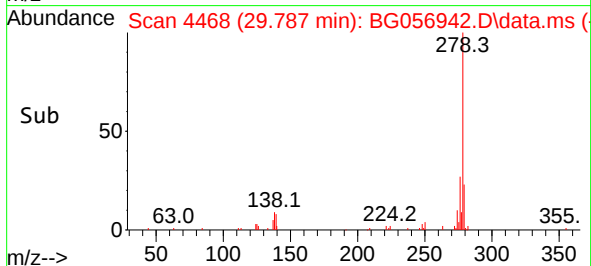
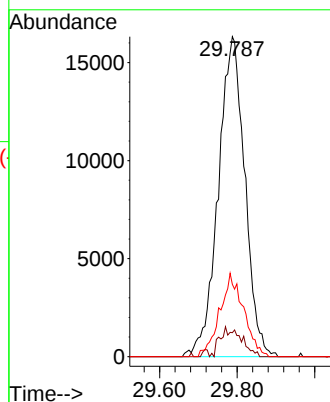
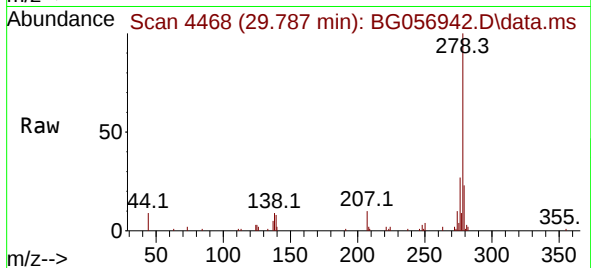
279 22.6 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/03/2023

Supervised By :Jagrut Upadhyay 04/03/2023



#92

Benzo(g,h,i)perylene

Concen: 9.051 ng

RT: 31.003 min Scan# 4675

Delta R.T. -0.041 min

Lab File: BG056942.D

Acq: 31 Mar 2023 13:26

Tgt Ion:276 Resp: 72240

Ion Ratio Lower Upper

276 100

277 23.6 19.1 28.7

138 7.9 8.2 12.2#

