

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103123\
 Data File : BG059557.D
 Acq On : 31 Oct 2023 10:51
 Operator : MA/JU
 Sample : 04696-02
 Misc : SFAM-MDL-WATER-02
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-QT4-2023-08

Quant Time: Nov 01 04:26:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 28 03:56:42 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/02/2023
 Supervised By :mohammad ahmed 11/02/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.359	152	81879	20.000	ng/u1	0.00
20) Naphthalene-d8	11.209	136	480016	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.981	164	300570	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.736	188	644853	20.000	ng/u1	0.00
79) Chrysene-d12	22.073	240	537839	20.000	ng/u1	0.00
88) Perylene-d12	25.680	264	569262	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.653	96	11160	5.100	ng/uL	0.00
4) Pyridine-d5	4.088	84	131025	21.425	ng/u1	0.00
7) Phenol-d5	7.466	99	184832	21.967	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.678	67	76958	19.913	ng/u1	0.00
11) 2-Chlorophenol-d4	7.872	132	149776	21.942	ng/u1	0.00
15) 4-Methylphenol-d8	9.041	113	184577	27.651	ng/u1	0.00
21) Nitrobenzene-d5	9.552	128	94207	27.602	ng/u1	0.00
24) 2-Nitrophenol-d4	10.275	143	97470	27.818	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.797	165	179857	23.298	ng/u1	0.00
31) 4-Chloroaniline-d4	11.344	131	284976	22.425	ng/u1	0.00
46) Dimethylphthalate-d6	14.382	166	554433	20.360	ng/u1	0.00
49) Acenaphthylene-d8	14.687	160	684360	21.415	ng/u1	0.00
54) 4-Nitrophenol-d4	15.145	143	109637	23.478	ng/u1	0.00
60) Fluorene-d10	15.974	176	505411	21.718	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.074	200	71432	23.391	ng/u1	0.00
73) Anthracene-d10	17.836	188	753971	21.582	ng/u1	0.00
81) Pyrene-d10	20.104	212	789613	21.122	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.433	264	752439	22.447	ng/u1	0.00
Target Compounds					Qvalue	
5) Pyridine	4.111	79	20513m	3.401	ng/u1	
6) Benzaldehyde	7.507	77	19338	5.103	ng/u1	98
8) Phenol	7.490	94	26813	3.380	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.766	93	19592	3.368	ng/u1	90
12) 2-Chlorophenol	7.907	128	23222	3.432	ng/u1	99
13) 2-Methylphenol	8.770	108	25004	3.781	ng/u1	82
14) 2,2'-oxybis(1-Chloropr...	8.859	45	20956	3.828	ng/u1#	96
16) Acetophenone	9.199	105	46191	4.390	ng/u1#	80
17) N-Nitroso-di-n-propyla...	9.164	70	17362	3.502	ng/u1#	95
18) 4-Methylphenol	9.105	108	31922	4.537	ng/u1	96
19) Hexachloroethane	9.452	117	13055	4.857	ng/u1#	74
22) Nitrobenzene	9.599	77	31594	4.289	ng/u1#	88
23) Isophorone	10.104	82	61475	3.314	ng/u1#	87
25) 2-Nitrophenol	10.304	139	16306	4.327	ng/u1#	77
26) 2,4-Dimethylphenol	10.327	107	33273	3.357	ng/u1#	88
27) Bis(2-Chloroethoxy)met...	10.592	93	34747	3.364	ng/u1#	89
29) 2,4-Dichlorophenol	10.827	162	29055	3.890	ng/u1	93
30) Naphthalene	11.256	128	111201	3.717	ng/u1#	93
32) 4-Chloroaniline	11.367	127	45763	3.791	ng/u1	98
33) Hexachlorobutadiene	11.485	225	16194	3.614	ng/u1	91
34) Caprolactam	12.137	113	9844m	3.603	ng/u1	
35) 4-Chloro-3-methylphenol	12.431	107	35073	3.936	ng/u1#	75
36) 2-Methylnaphthalene	12.836	142	78760	3.827	ng/u1	83
37) 1-Methylnaphthalene	13.054	142	76605	3.737	ng/u1#	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	13.171	216	30451	3.513	ng/ul#	87
40) Hexachlorocyclopentadiene	13.130	237	18088	3.579	ng/ul	98
41) 2,4,6-Trichlorophenol	13.412	196	23277	3.878	ng/ul	93
42) 2,4,5-Trichlorophenol	13.477	196	25779m	3.967	ng/ul	
43) 1,1'-Biphenyl	13.823	154	100556	3.698	ng/ul#	94
44) 2-Chloronaphthalene	13.876	162	70569	3.339	ng/ul#	89
45) 2-Nitroaniline	14.082	65	16204	4.121	ng/ul	86
47) Dimethylphthalate	14.429	163	91868	3.415	ng/ul#	96
48) 2,6-Dinitrotoluene	14.564	165	16030	3.950	ng/ul#	85
50) Acenaphthylene	14.716	152	123699	3.360	ng/ul	98
51) 3-Nitroaniline	14.904	138	19786	3.911	ng/ul	93
52) Acenaphthene	15.051	153	84964	3.540	ng/ul	97
53) 2,4-Dinitrophenol	15.104	184	10191	4.419	ng/ul#	77
55) 4-Nitrophenol	15.163	109	21938	4.263	ng/ul#	85
56) Dibenzofuran	15.380	168	113978	3.663	ng/ul	95
57) 2,4-Dinitrotoluene	15.333	165	24638	4.316	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	15.586	232	19834	3.888	ng/ul#	89
59) Diethylphthalate	15.768	149	99196	3.380	ng/ul	98
61) Fluorene	16.033	166	91338	3.400	ng/ul	95
62) 4-Chlorophenyl-phenyle...	16.015	204	40999	3.571	ng/ul#	94
63) 4-Nitroaniline	16.062	138	19415	3.616	ng/ul#	68
66) 4,6-Dinitro-2-methylph...	16.091	198	13720	4.263	ng/ul#	81
67) N-Nitrosodiphenylamine	16.226	169	81989	3.721	ng/ul	88
68) 4-Bromophenyl-phenylether	16.908	248	23104	3.580	ng/ul	97
69) Hexachlorobenzene	17.002	284	30253	4.057	ng/ul#	82
70) Atrazine	17.161	200	28708	4.205	ng/ul	95
71) Pentachlorophenol	17.355	266	19607	4.602	ng/ul#	78
72) Phenanthrene	17.783	178	153253	3.656	ng/ul	97
74) Anthracene	17.872	178	153868	3.635	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.782	216	29064	3.384	ng/uL#	83
76) Pentachlorobenzene	15.280	250	33106	4.063	ng/uL#	84
77) Carbazole	18.142	167	142281	3.913	ng/ul	99
78) Di-n-butylphthalate	18.659	149	177286	3.548	ng/ul	99
80) Fluoranthene	19.769	202	152870	3.355	ng/ul#	98
82) Pyrene	20.134	202	166383	3.515	ng/ul#	95
83) Butylbenzylphthalate	21.003	149	76020	3.556	ng/ul#	93
84) 3,3'-Dichlorobenzidine	21.961	252	59265	4.237	ng/ul#	87
85) Benzo(a)anthracene	22.049	228	162483	3.671	ng/ul#	93
86) Bis(2-ethylhexyl)phtha...	21.896	149	113132	3.547	ng/ul#	97
87) Chrysene	22.119	228	148284m	3.602	ng/ul	
89) Di-n-octyl phthalate	23.253	149	196951	3.952	ng/ul	100
90) Benzo(b)fluoranthene	24.505	252	155576	3.770	ng/ul	95
91) Benzo(k)fluoranthene	24.587	252	151982	3.687	ng/ul	98
93) Benzo(a)pyrene	25.504	252	140985	3.615	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	29.863	276	179117m	3.623	ng/ul	
95) Dibenzo(a,h)anthracene	29.951	278	147754m	3.619	ng/ul	
96) Benzo(g,h,i)perylene	31.174	276	147749m	3.652	ng/ul	

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

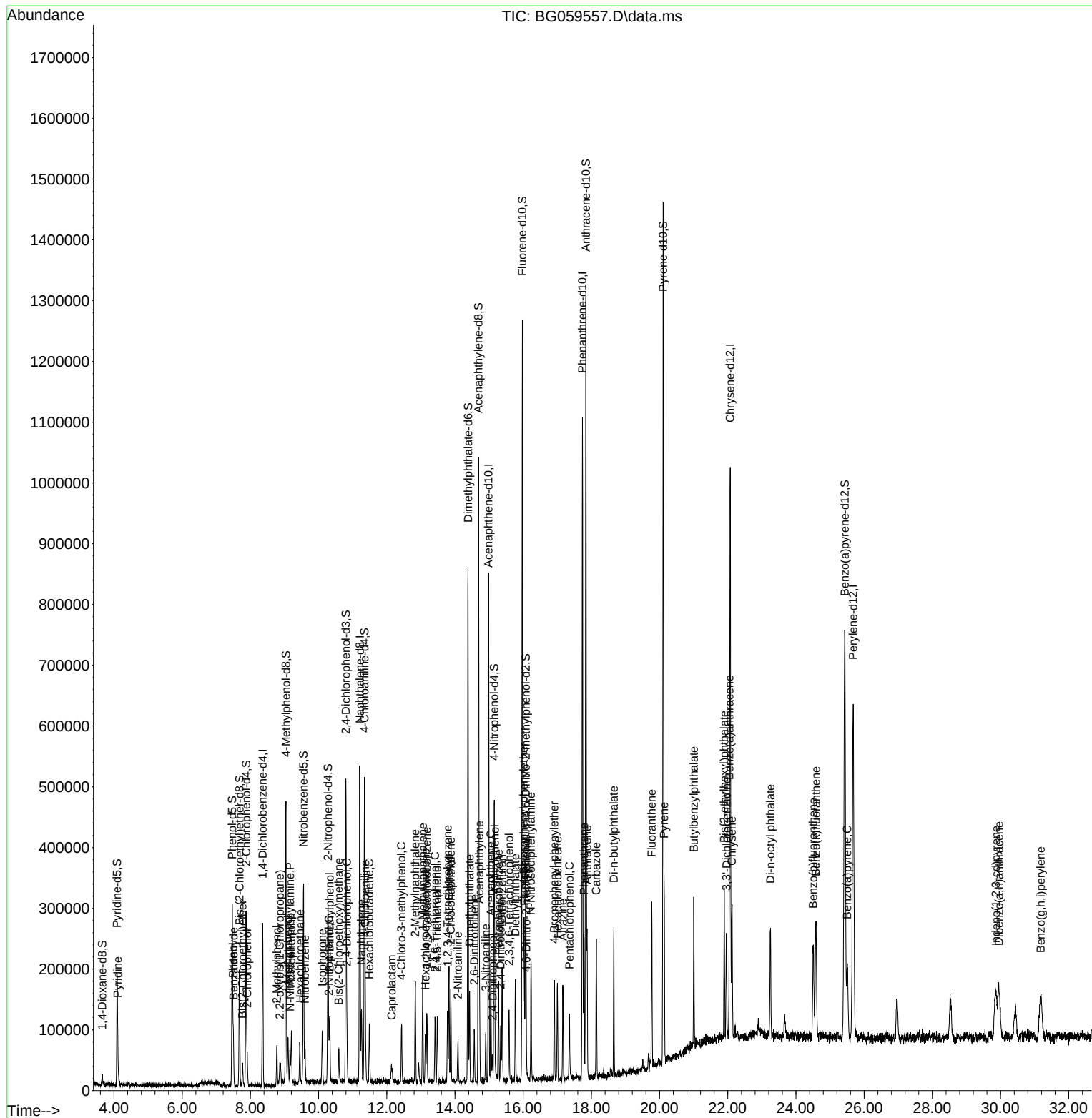
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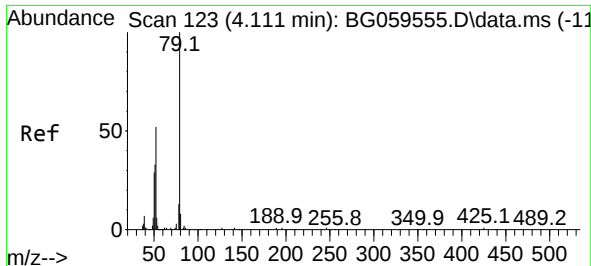
Instrument :
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 ClientSampleId :
 MDL-WATER-QT4-2023-08

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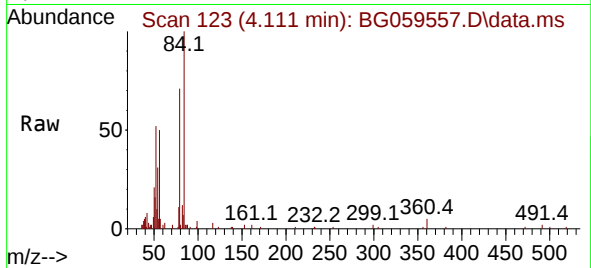
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#5
Pyridine
Concen: 3.401 ng/ul m
RT: 4.111 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG059557.D
Acq: 31 Oct 2023 10:51

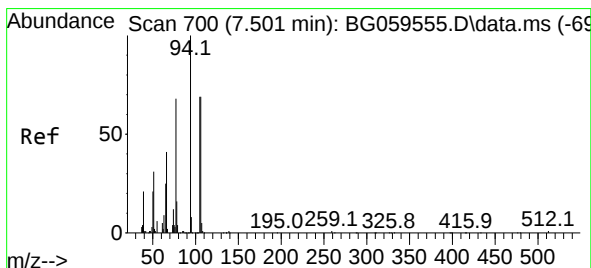
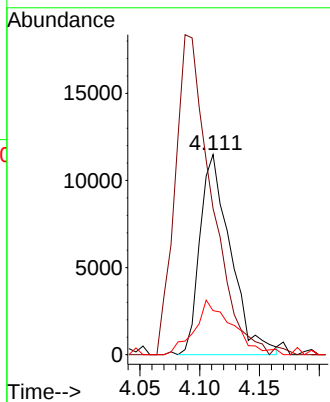
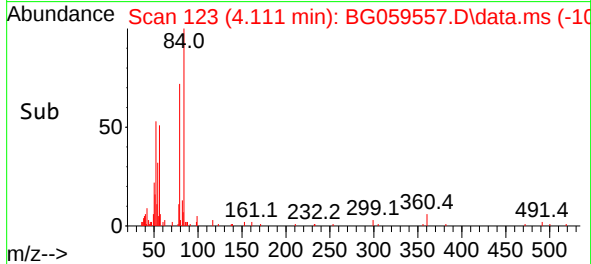
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-QT4-2023-08



Tgt Ion: 79 Resp: 2051
Ion Ratio Lower Upper
79 100
52 72.9 53.3 79.9
51 22.0 22.4 33.6

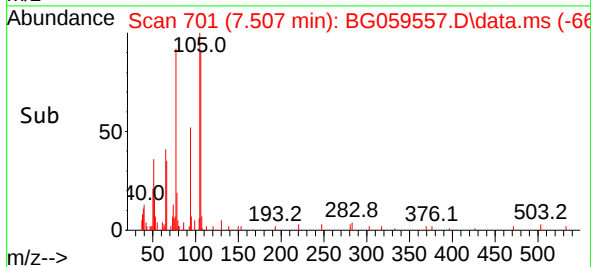
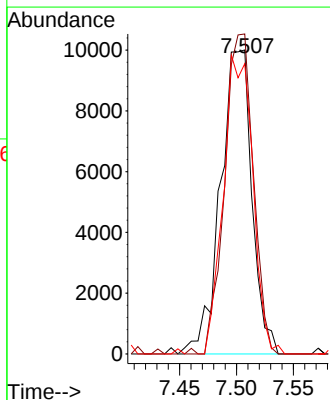
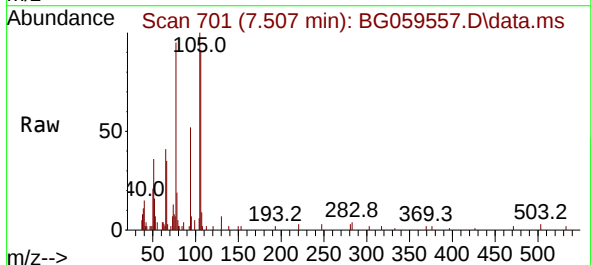
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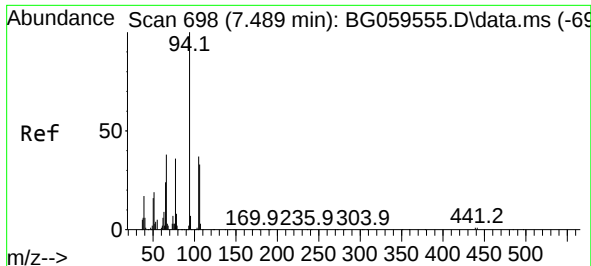
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#6
Benzaldehyde
Concen: 5.103 ng/ul
RT: 7.507 min Scan# 701
Delta R.T. 0.004 min
Lab File: BG059557.D
Acq: 31 Oct 2023 10:51

Tgt Ion: 77 Resp: 19338
Ion Ratio Lower Upper
77 100
105 105.3 83.6 125.4
106 95.5 78.6 118.0





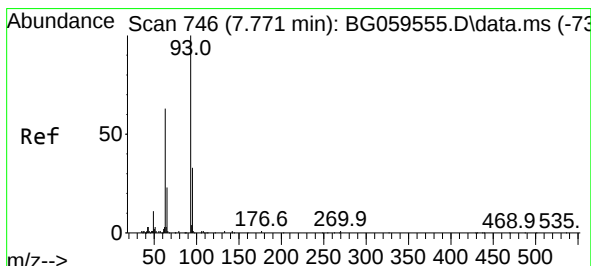
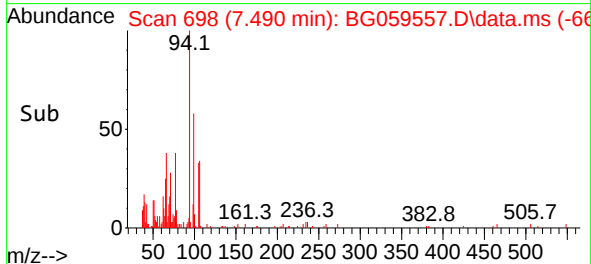
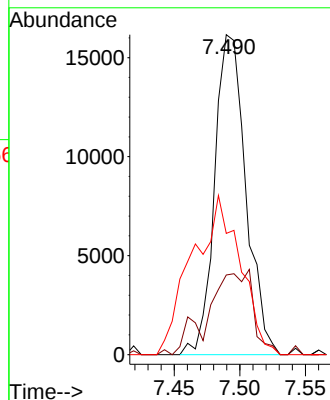
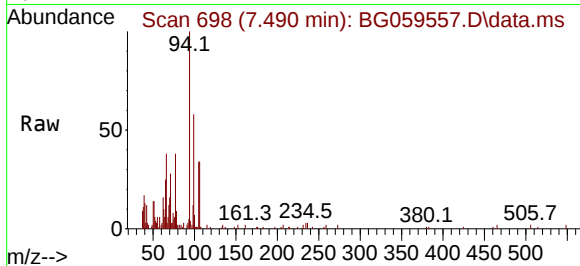
#8
Phenol
Concen: 3.380 ng/ul
RT: 7.490 min Scan# 698
Delta R.T. -0.008 min
Lab File: BG059557.D
Acq: 31 Oct 2023 10:51

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-QT4-2023-08

Tgt Ion: 94 Resp: 2681
Ion Ratio Lower Upper
94 100
65 24.9 22.5 33.7
66 37.9 31.1 46.7

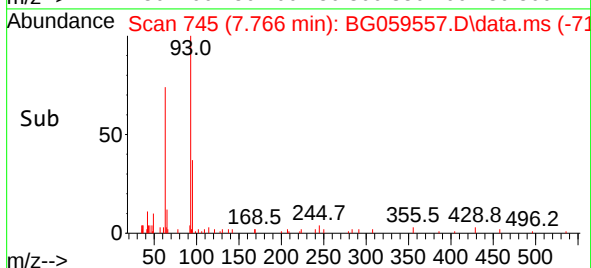
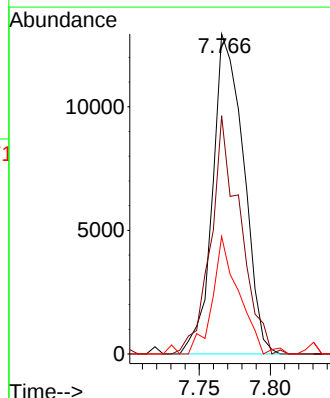
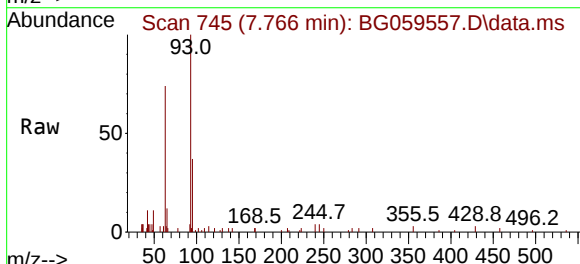
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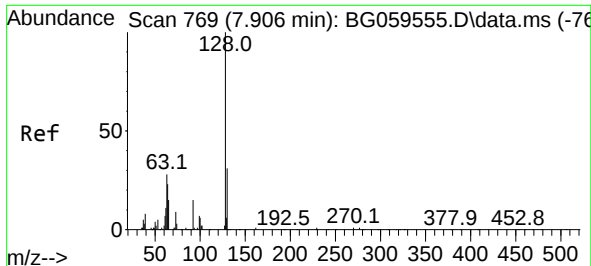
Reviewed By :Yogesh Patel 11/02/2023
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#10
Bis(2-Chloroethyl)ether
Concen: 3.368 ng/ul
RT: 7.766 min Scan# 745
Delta R.T. -0.014 min
Lab File: BG059557.D
Acq: 31 Oct 2023 10:51

Tgt Ion: 93 Resp: 19592
Ion Ratio Lower Upper
93 100
63 74.4 52.5 78.7
95 36.7 26.5 39.7





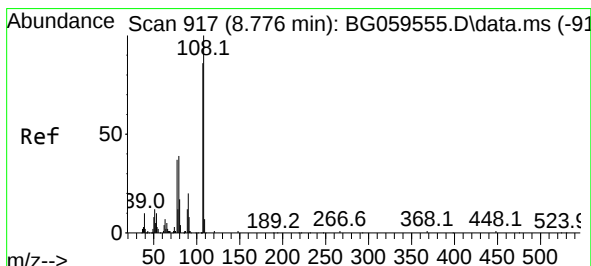
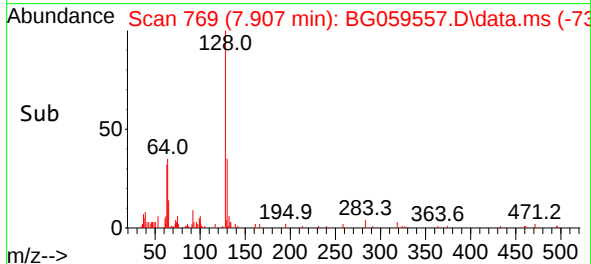
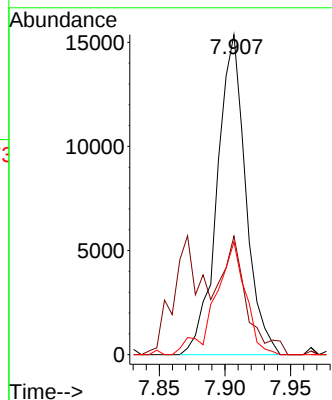
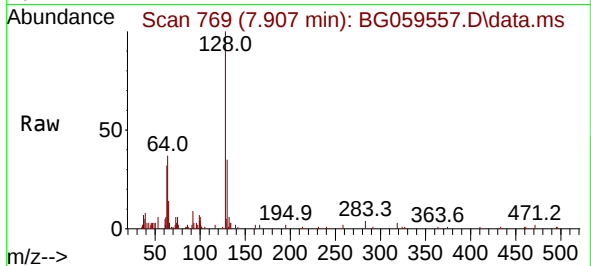
#12
2-Chlorophenol
Concen: 3.432 ng/ul
RT: 7.907 min Scan# 701
Delta R.T. -0.008 min
Lab File: BG059557.D
Acq: 31 Oct 2023 10:51

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Tgt Ion:128 Resp: 2322
Ion Ratio Lower Upper
128 100
64 37.0 30.2 45.2
130 35.2 27.9 41.9

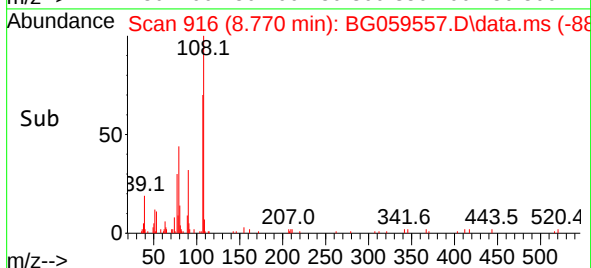
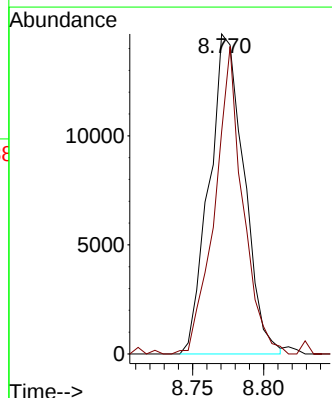
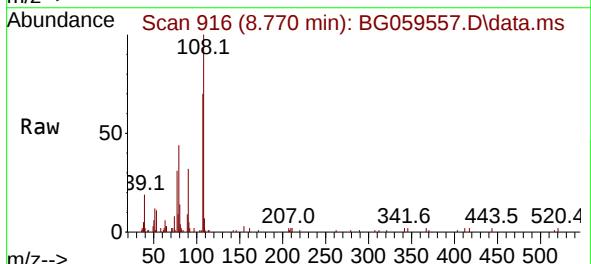
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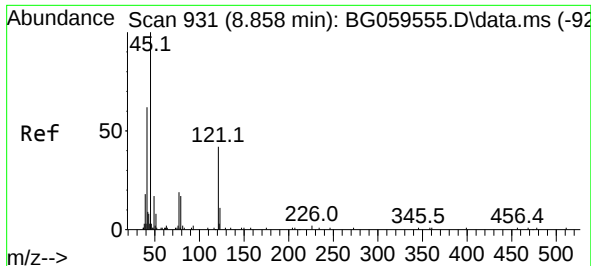
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#13
2-Methylphenol
Concen: 3.781 ng/ul
RT: 8.770 min Scan# 916
Delta R.T. -0.008 min
Lab File: BG059557.D
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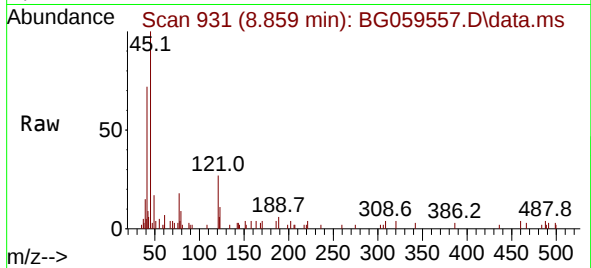
Tgt Ion:108 Resp: 25004
Ion Ratio Lower Upper
108 100
107 69.5 68.6 102.8





#14
2,2'-oxybis(1-Chloropropane)
Concen: 3.828 ng/ul
RT: 8.859 min Scan# 91
Delta R.T. -0.020 min
Lab File: BG059557.D
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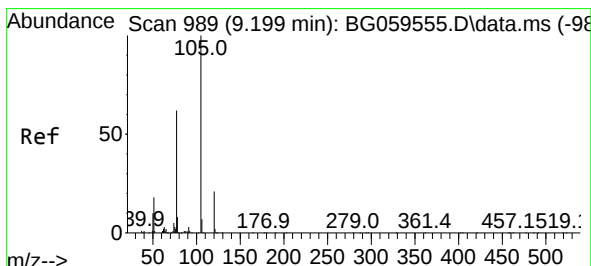
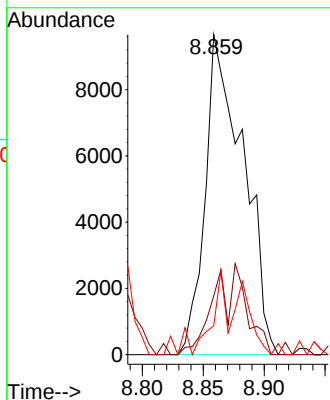
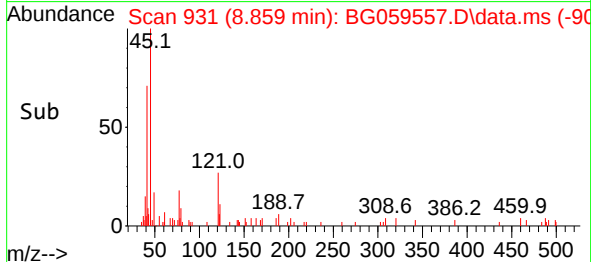
Instrument :
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ClientSampleId :
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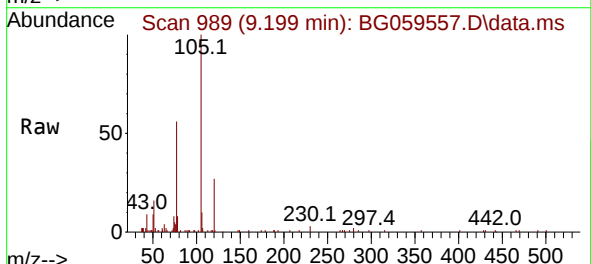
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Ion Ratio Lower Upper
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77 18.3 15.0 22.6
79 9.0 10.0 15.0

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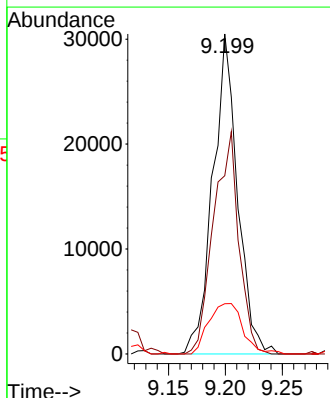
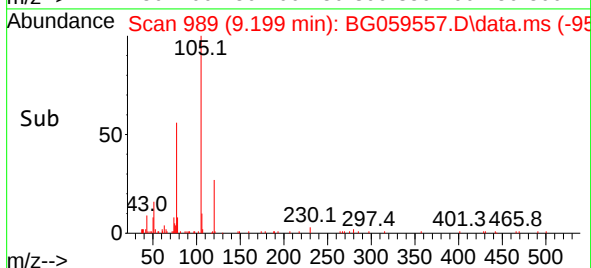
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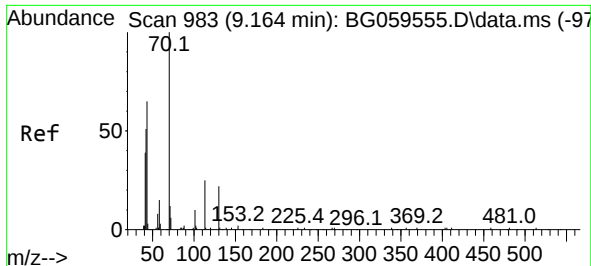


#16
Acetophenone
Concen: 4.390 ng/ul
RT: 9.199 min Scan# 989
Delta R.T. -0.008 min
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Tgt Ion:105 Resp: 46191
Ion Ratio Lower Upper
105 100
77 55.7 59.6 89.4#
51 15.7 16.2 24.4#





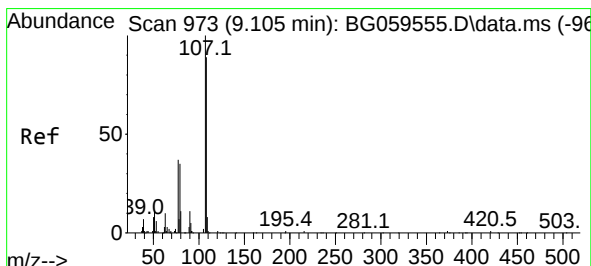
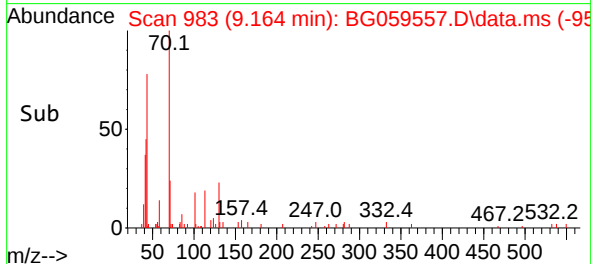
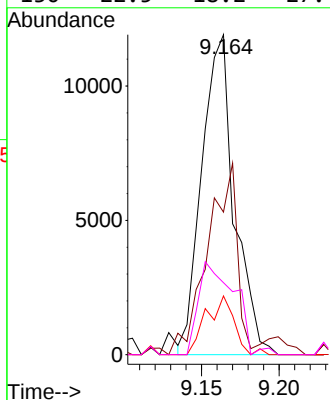
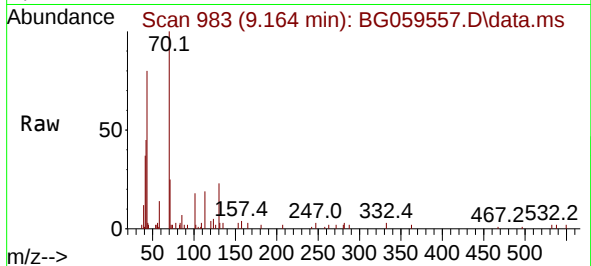
#17
N-Nitroso-di-n-propylamine
Concen: 3.502 ng/ul
RT: 9.164 min Scan# 917
Delta R.T. -0.008 min
Lab File: BG059557.D
Acq: 31 Oct 2023 10:51

Instrument : BNA_G
ClientSampleId : MDL-WATER-QT4-2023-08

Tgt Ion: 70 Resp: 17362
Ion Ratio Lower Upper
70 100
42 44.5 33.8 50.8
101 18.3 5.4 8.0
130 22.5 18.2 27.4

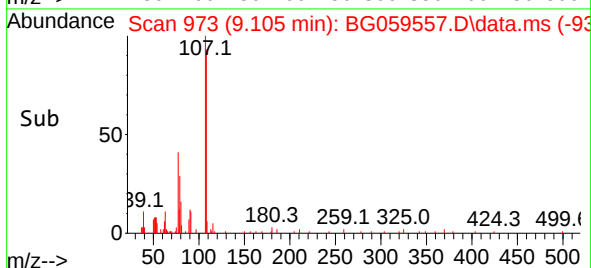
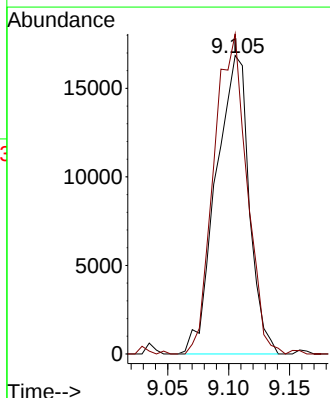
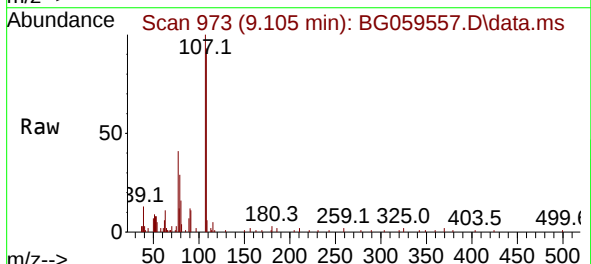
Manual Integrations
APPROVED

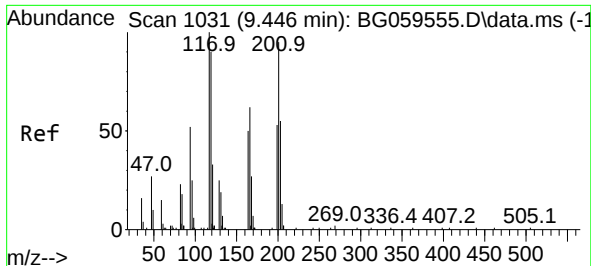
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#18
4-Methylphenol
Concen: 4.537 ng/ul
RT: 9.105 min Scan# 973
Delta R.T. -0.002 min
Lab File: BG059557.D
Acq: 31 Oct 2023 10:51

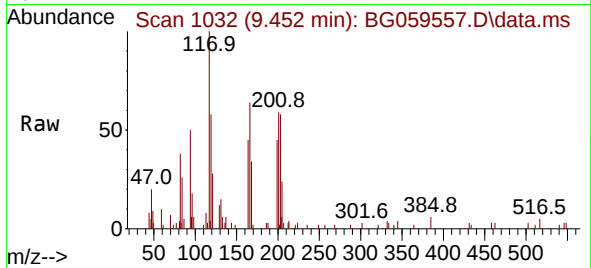
Tgt Ion:108 Resp: 31922
Ion Ratio Lower Upper
108 100
107 107.2 88.9 133.3





#19
Hexachloroethane
Concen: 4.857 ng/ul
RT: 9.452 min Scan# 1032
Delta R.T. -0.002 min
Lab File: BG059557.D
Acq: 31 Oct 2023 10:51

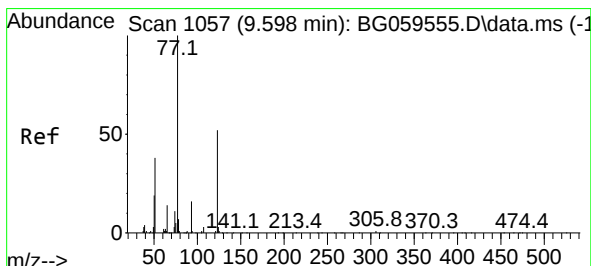
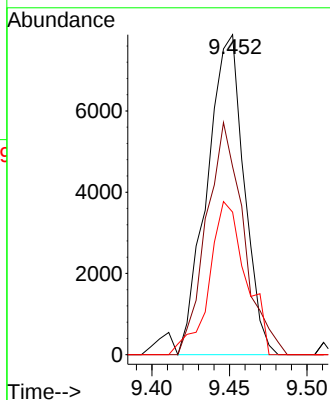
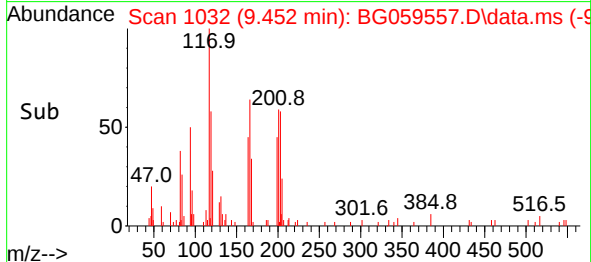
Instrument : BNA_G
ClientSampleId : MDL-WATER-QT4-2023-08



Tgt Ion: 117 Resp: 1305
Ion Ratio Lower Upper
117 100
201 61.1 75.8 113.6
199 44.5 42.3 63.5

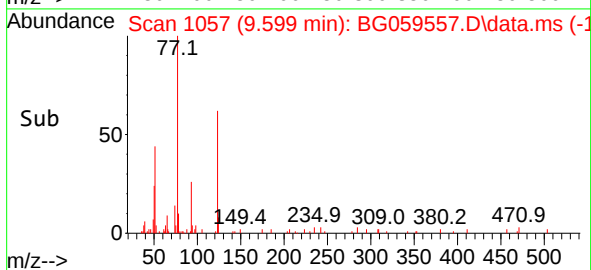
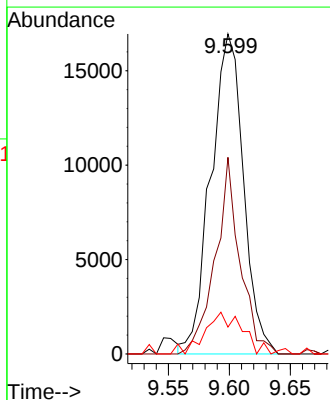
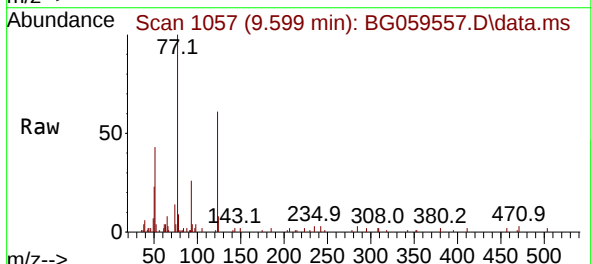
Manual Integrations
APPROVED

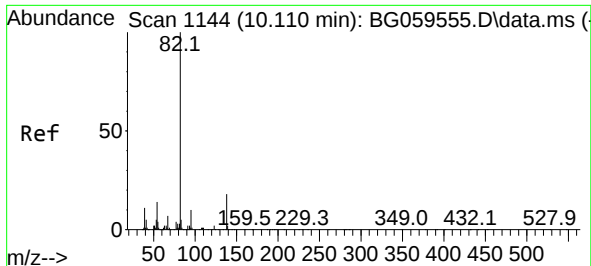
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#22
Nitrobenzene
Concen: 4.289 ng/ul
RT: 9.599 min Scan# 1057
Delta R.T. -0.008 min
Lab File: BG059557.D
Acq: 31 Oct 2023 10:51

Tgt Ion: 77 Resp: 31594
Ion Ratio Lower Upper
77 100
123 61.5 42.6 63.8
65 8.4 11.0 16.4





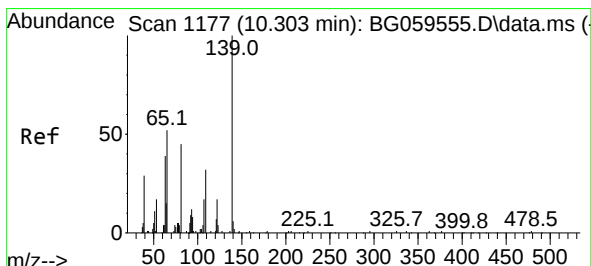
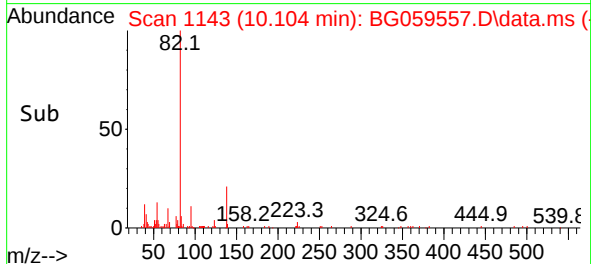
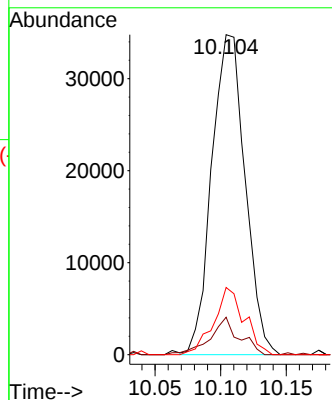
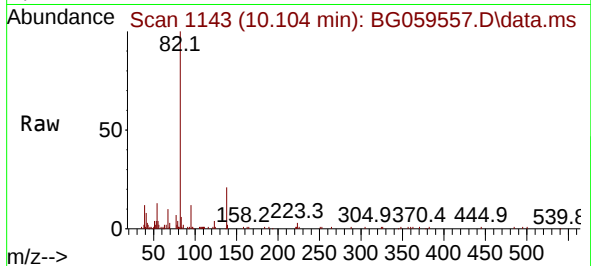
#23
Isophorone
Concen: 3.314 ng/ul
RT: 10.104 min Scan# 1144
Delta R.T. -0.008 min
Lab File: BG059557.D
Acq: 31 Oct 2023 10:51

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-QT4-2023-08

Tgt Ion: 82 Resp: 61479
Ion Ratio Lower Upper
82 100
95 11.7 5.6 8.4
138 21.0 12.3 18.5

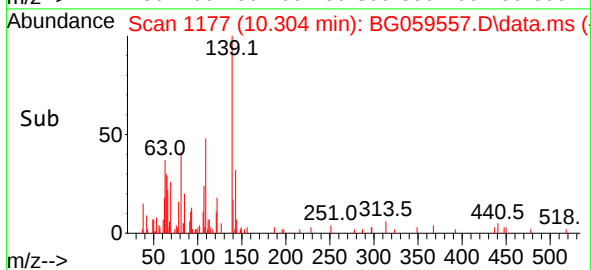
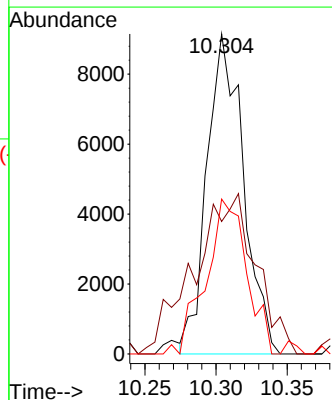
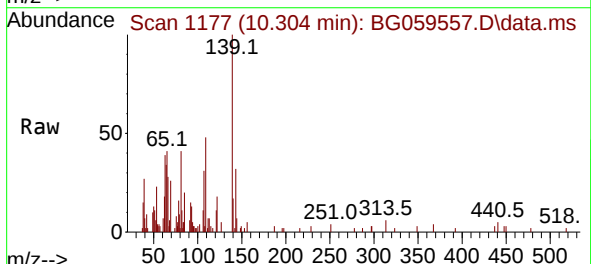
Manual Integrations
APPROVED

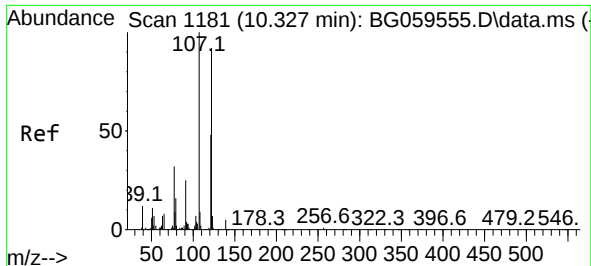
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#25
2-Nitrophenol
Concen: 4.327 ng/ul
RT: 10.304 min Scan# 1177
Delta R.T. -0.014 min
Lab File: BG059557.D
Acq: 31 Oct 2023 10:51

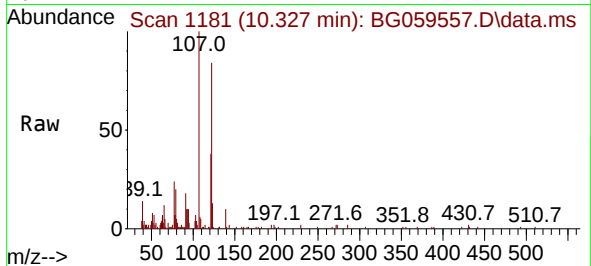
Tgt Ion:139 Resp: 16306
Ion Ratio Lower Upper
139 100
65 41.4 39.7 59.5
109 48.4 21.0 31.6





#26
2,4-Dimethylphenol
Concen: 3.357 ng/ul
RT: 10.327 min Scan# 1181
Delta R.T. -0.008 min
Lab File: BG059557.D
Acq: 31 Oct 2023 10:51

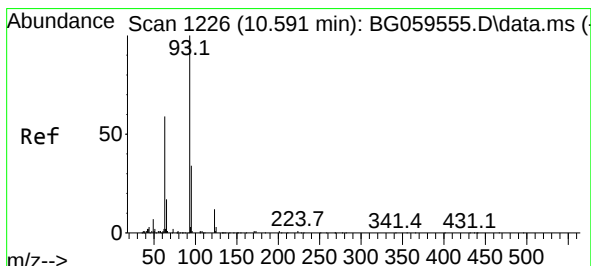
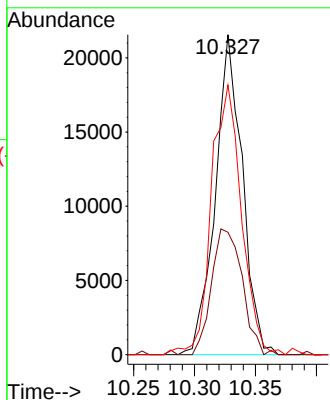
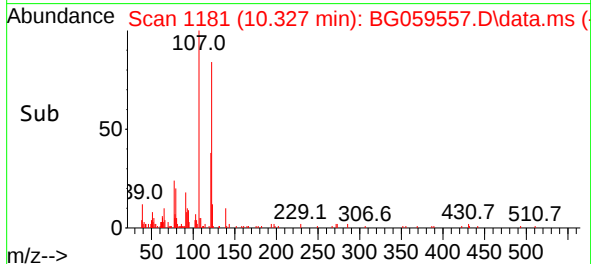
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-QT4-2023-08



Tgt Ion:107 Resp: 3327
Ion Ratio Lower Upper
107 100
121 38.3 42.7 64.1
122 84.2 72.6 108.8

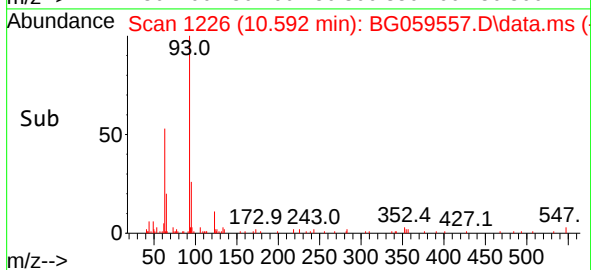
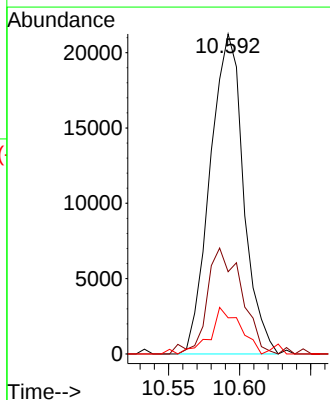
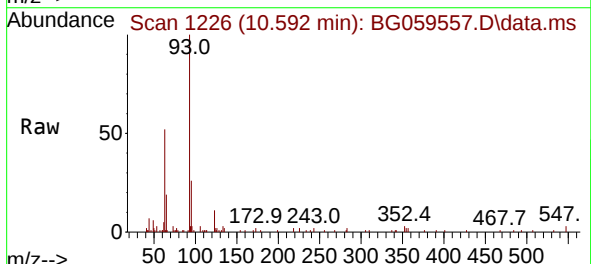
Manual Integrations
APPROVED

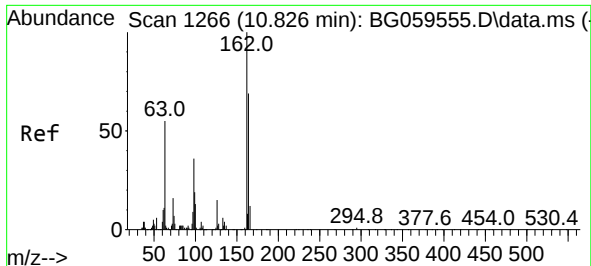
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#27
Bis(2-Chloroethoxy)methane
Concen: 3.364 ng/ul
RT: 10.592 min Scan# 1226
Delta R.T. -0.008 min
Lab File: BG059557.D
Acq: 31 Oct 2023 10:51

Tgt Ion: 93 Resp: 34747
Ion Ratio Lower Upper
93 100
95 25.7 27.1 40.7#
123 11.3 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 3.890 ng/ul

RT: 10.827 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG059557.D

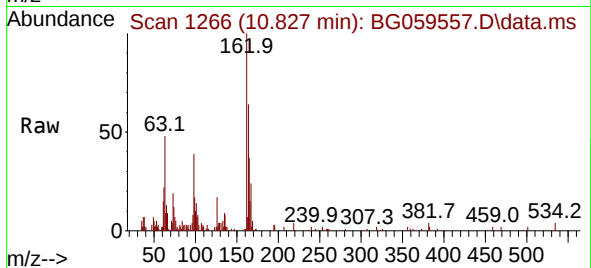
Acq: 31 Oct 2023 10:51

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-QT4-2023-08



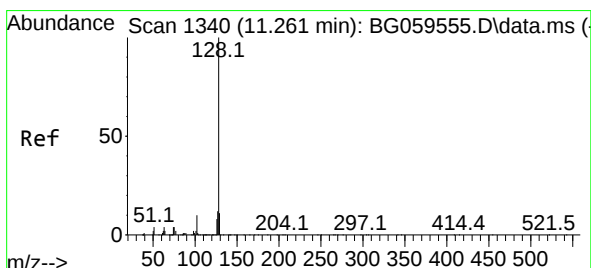
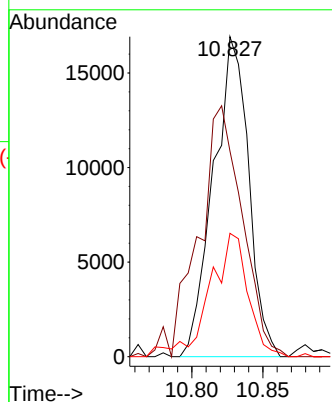
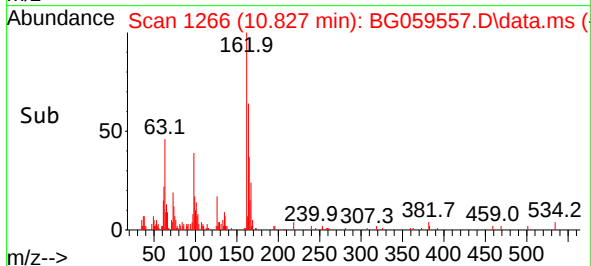
Tgt Ion:	162	Resp:	2905
Ion Ratio	Lower	Upper	
162	100		
164	64.2	45.3	67.9
98	38.6	32.2	48.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/02/2023

Supervised By :mohammad ahmed 11/02/2023



#30

Naphthalene

Concen: 3.717 ng/ul

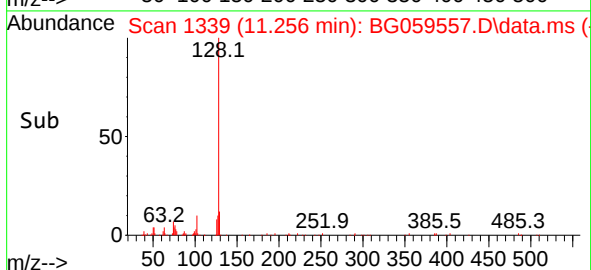
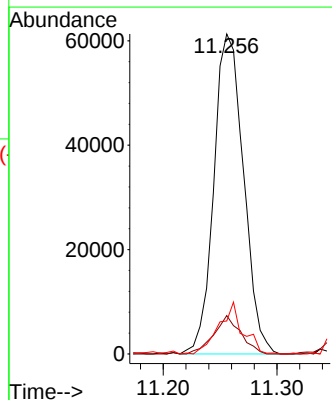
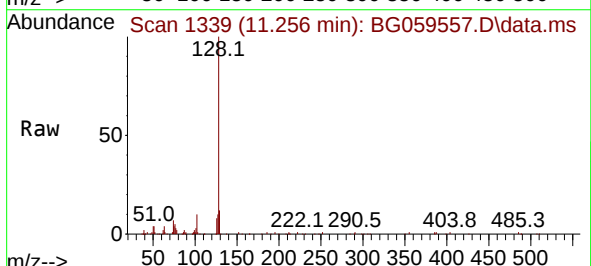
RT: 11.256 min Scan# 1339

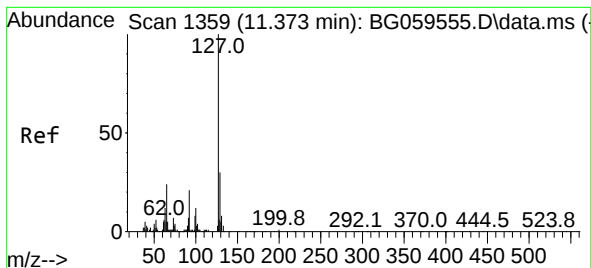
Delta R.T. -0.008 min

Lab File: BG059557.D

Acq: 31 Oct 2023 10:51

Tgt Ion:	128	Resp:	111201
Ion Ratio	Lower	Upper	
128	100		
129	12.0	7.4	11.0#
127	10.3	10.5	15.7#





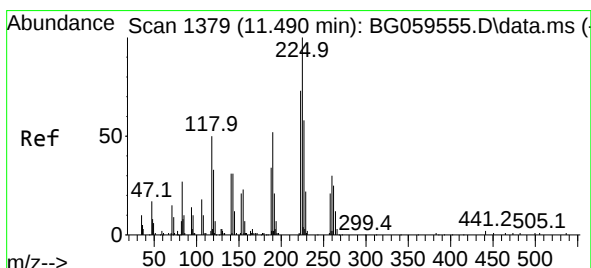
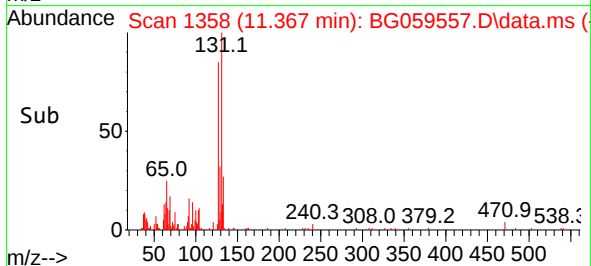
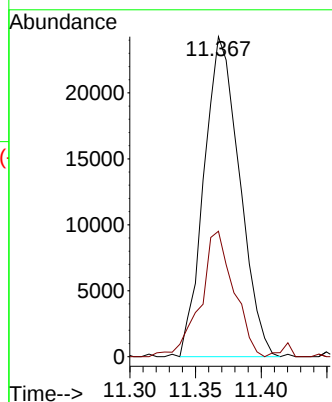
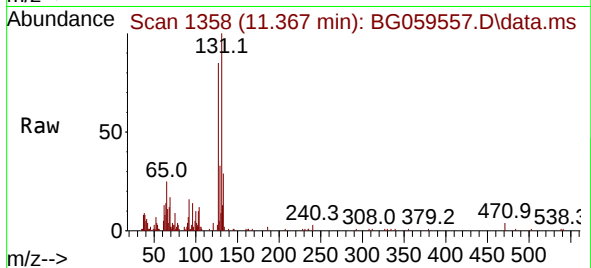
#32
4-Chloroaniline
Concen: 3.791 ng/ul
RT: 11.367 min Scan# 1135
Delta R.T. -0.008 min
Lab File: BG059557.D
Acq: 31 Oct 2023 10:51

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-QT4-2023-08

Tgt Ion:127 Resp: 4576
Ion Ratio Lower Upper
127 100
129 39.2 30.4 45.6

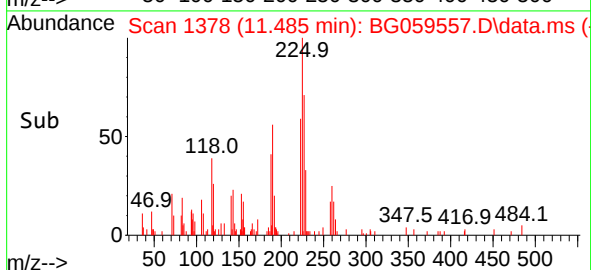
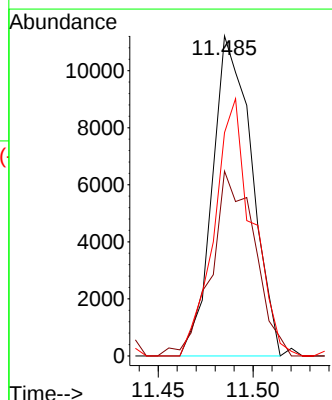
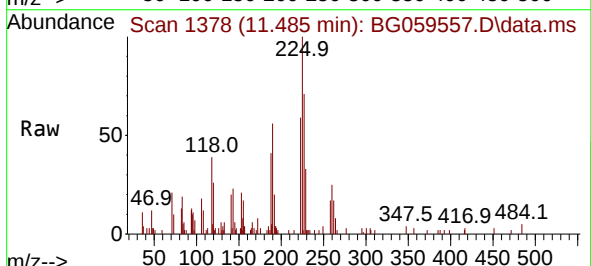
Manual Integrations
APPROVED

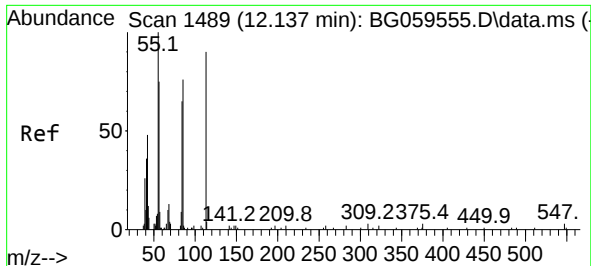
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#33
Hexachlorobutadiene
Concen: 3.614 ng/ul
RT: 11.485 min Scan# 1378
Delta R.T. -0.014 min
Lab File: BG059557.D
Acq: 31 Oct 2023 10:51

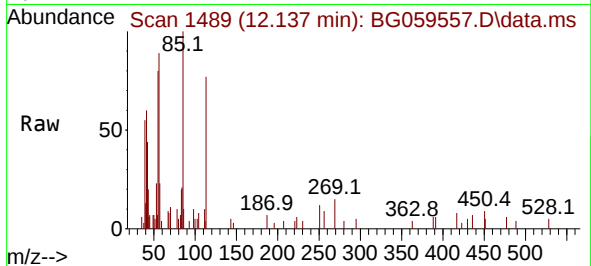
Tgt Ion:225 Resp: 16194
Ion Ratio Lower Upper
225 100
223 57.7 50.8 76.2
227 69.8 49.8 74.8





#34
Caprolactam
Concen: 3.603 ng/ul m
RT: 12.137 min Scan# 1489
Delta R.T. -0.020 min
Lab File: BG059557.D
Acq: 31 Oct 2023 10:51

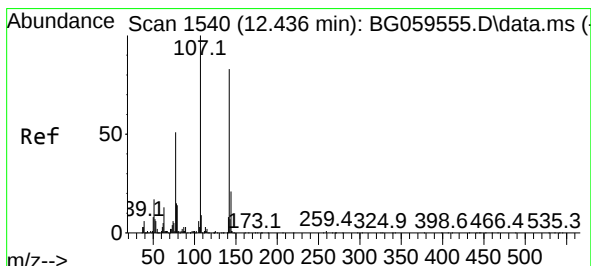
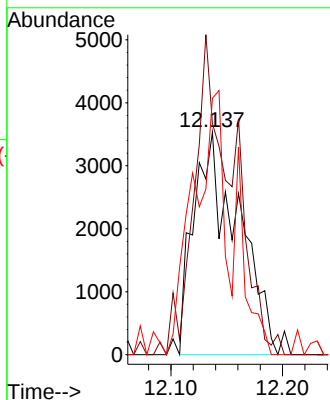
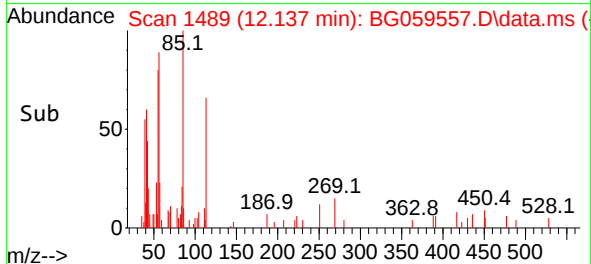
Instrument : BNA_G
ClientSampleId : MDL-WATER-QT4-2023-08



Tgt Ion:113 Resp: 9844
Ion Ratio Lower Upper
113 100
55 103.9 86.9 130.3
56 115.3 64.4 96.6

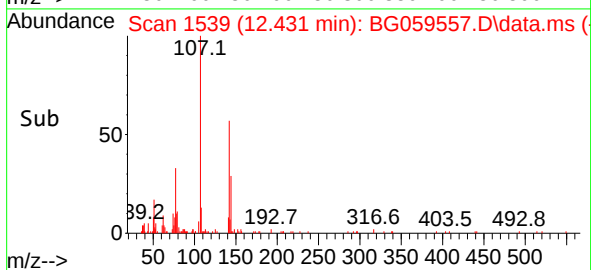
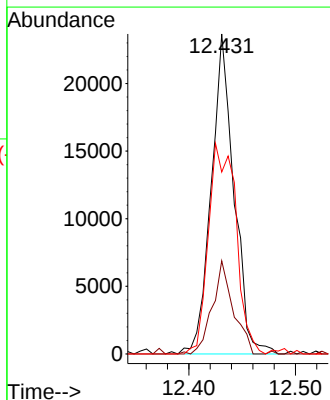
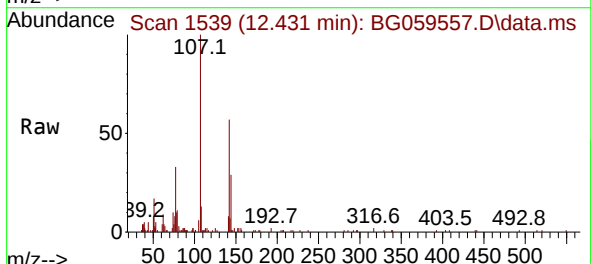
Manual Integrations
APPROVED

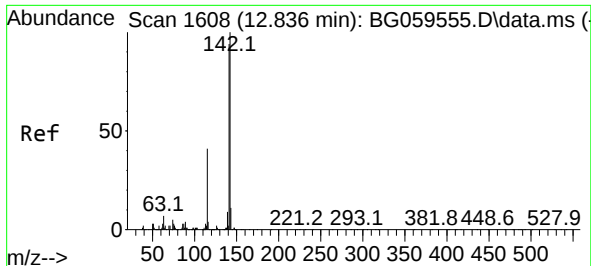
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#35
4-Chloro-3-methylphenol
Concen: 3.936 ng/ul
RT: 12.431 min Scan# 1539
Delta R.T. -0.008 min
Lab File: BG059557.D
Acq: 31 Oct 2023 10:51

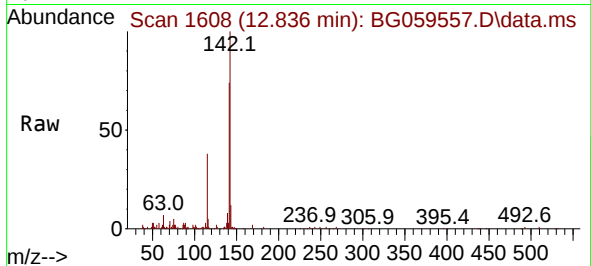
Tgt Ion:107 Resp: 35073
Ion Ratio Lower Upper
107 100
144 29.1 21.0 31.6
142 56.9 68.2 102.4





#36
2-Methylnaphthalene
Concen: 3.827 ng/ul
RT: 12.836 min Scan# 1608
Delta R.T. -0.008 min
Lab File: BG059557.D
Acq: 31 Oct 2023 10:51

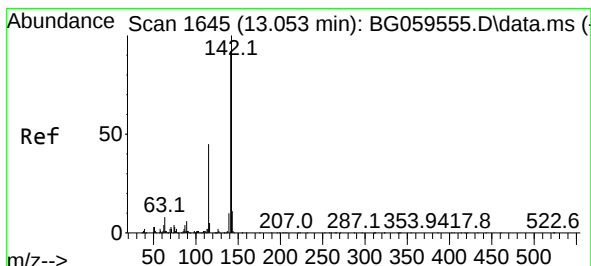
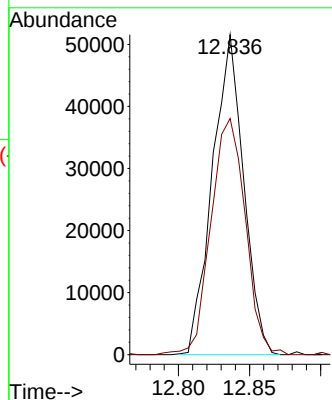
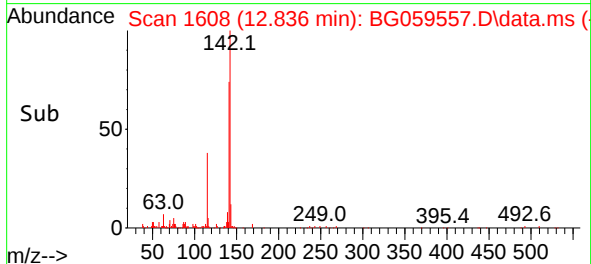
Instrument : BNA_G
ClientSampleId : MDL-WATER-QT4-2023-08



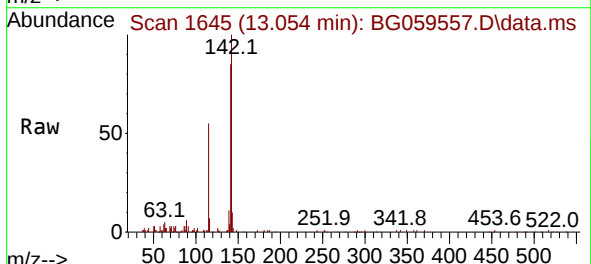
Tgt Ion:142 Resp: 78760
Ion Ratio Lower Upper
142 100
141 73.8 71.7 107.5

Manual Integrations
APPROVED

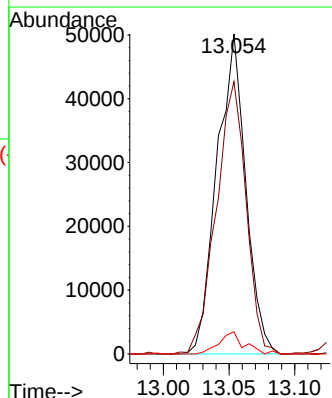
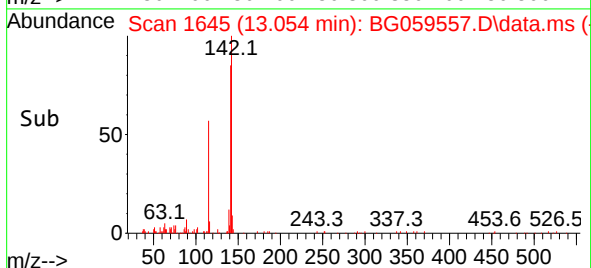
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

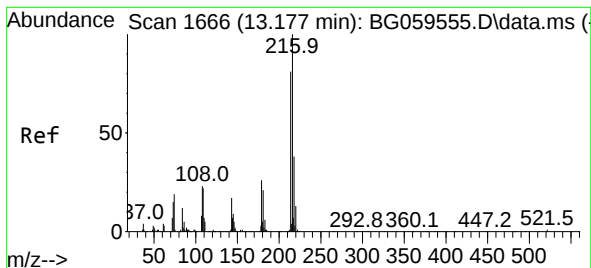


#37
1-Methylnaphthalene
Concen: 3.737 ng/ul
RT: 13.054 min Scan# 1645
Delta R.T. -0.008 min
Lab File: BG059557.D
Acq: 31 Oct 2023 10:51



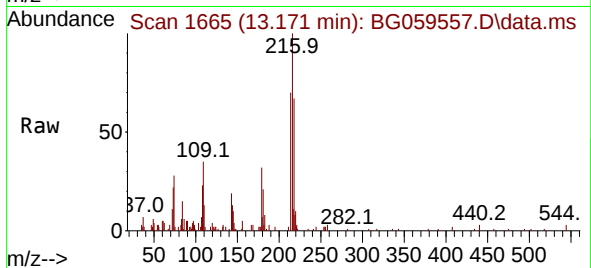
Tgt Ion:142 Resp: 76605
Ion Ratio Lower Upper
142 100
141 85.1 73.1 109.7
116 7.0 3.3 4.9





#39
1,2,4,5-Tetrachlorobenzene
Concen: 3.513 ng/ul
RT: 13.171 min Scan# 1666
Delta R.T. -0.008 min
Lab File: BG059557.D
Acq: 31 Oct 2023 10:51

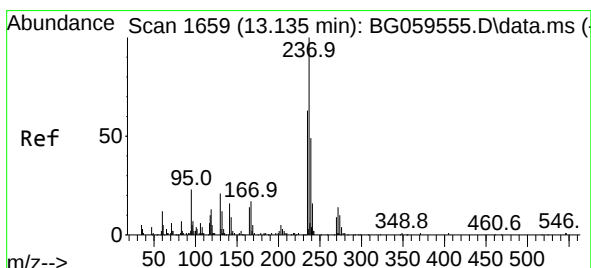
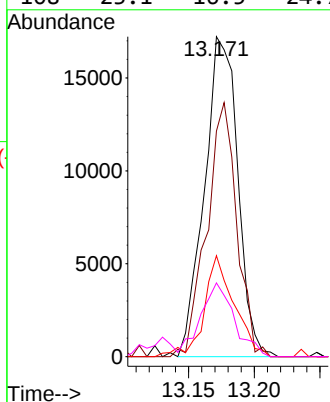
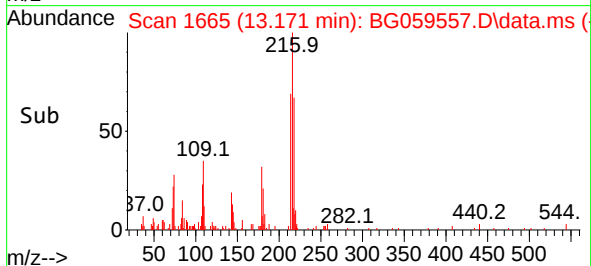
Instrument : BNA_G
ClientSampleId : MDL-WATER-QT4-2023-08



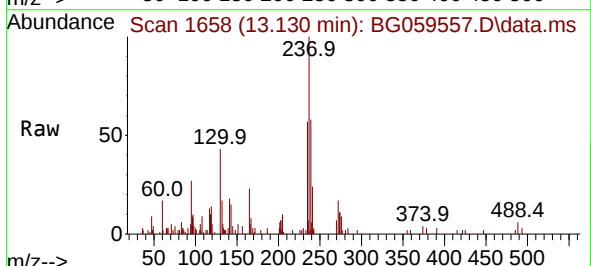
Tgt Ion:	216	Resp:	3045
Ion Ratio	Lower	Upper	
216	100		
214	70.5	63.7	95.5
179	38.9	19.2	28.8
108	23.1	16.5	24.7

Manual Integrations
APPROVED

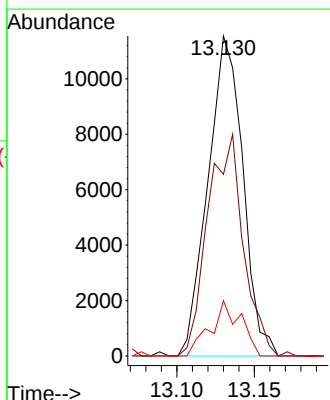
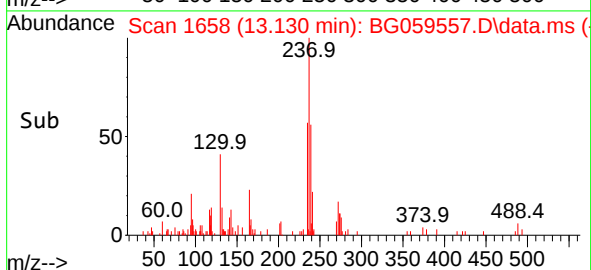
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

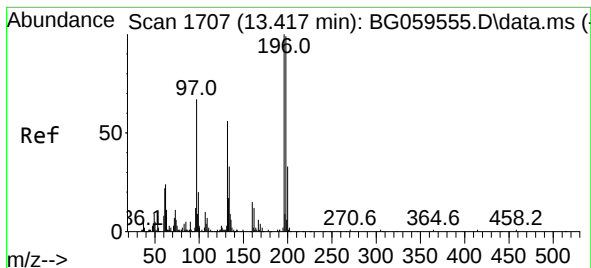


#40
Hexachlorocyclopentadiene
Concen: 3.579 ng/ul
RT: 13.130 min Scan# 1658
Delta R.T. -0.008 min
Lab File: BG059557.D
Acq: 31 Oct 2023 10:51



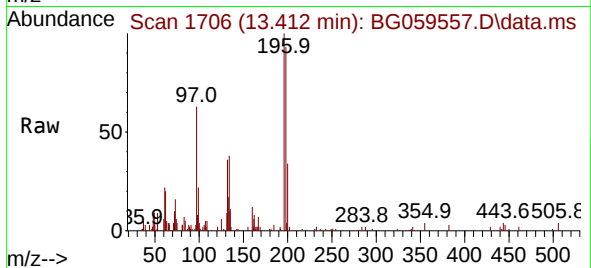
Tgt Ion:	237	Resp:	18088
Ion Ratio	Lower	Upper	
237	100		
235	56.8	46.6	69.8
272	17.3	13.0	19.4





#41
2,4,6-Trichlorophenol
Concen: 3.878 ng/ul
RT: 13.412 min Scan# 1706
Delta R.T. -0.008 min
Lab File: BG059557.D
Acq: 31 Oct 2023 10:51

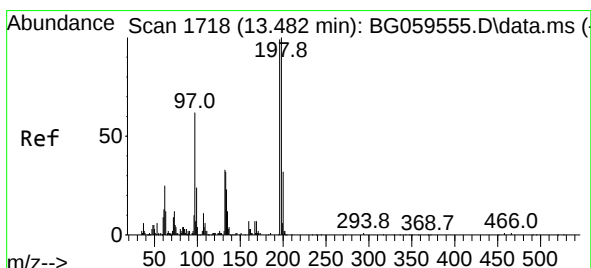
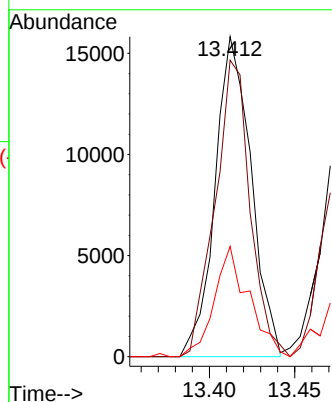
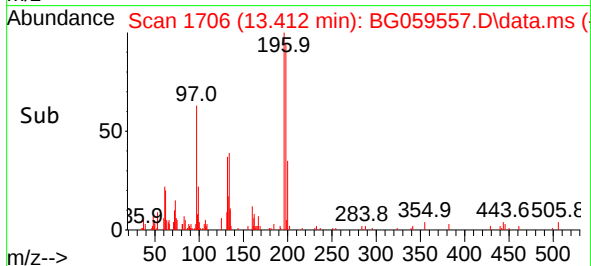
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-QT4-2023-08



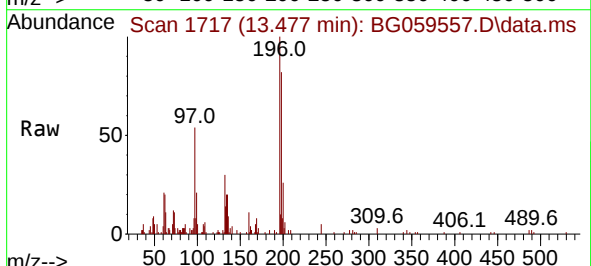
Tgt Ion:196 Resp: 2327
Ion Ratio Lower Upper
196 100
198 92.7 69.6 104.4
200 34.4 23.8 35.8

Manual Integrations
APPROVED

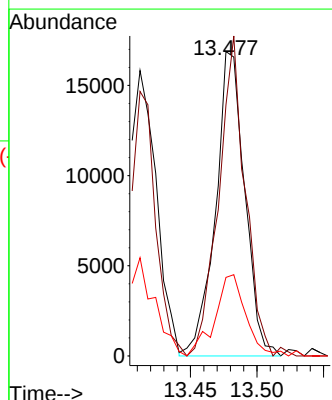
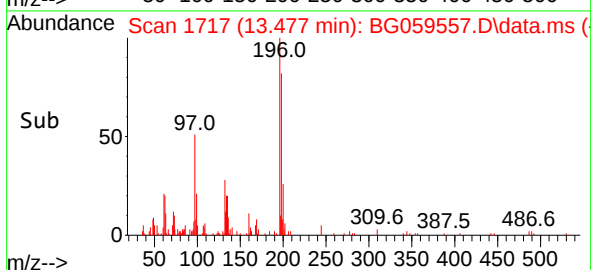
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

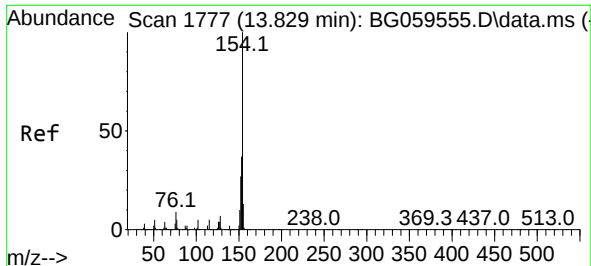


#42
2,4,5-Trichlorophenol
Concen: 3.967 ng/ul m
RT: 13.477 min Scan# 1717
Delta R.T. -0.008 min
Lab File: BG059557.D
Acq: 31 Oct 2023 10:51



Tgt Ion:196 Resp: 25779
Ion Ratio Lower Upper
196 100
198 82.4 79.8 119.6
200 25.8 28.0 42.0#





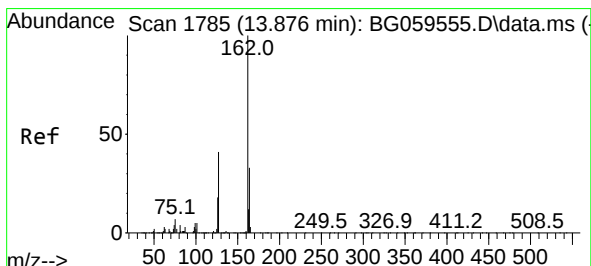
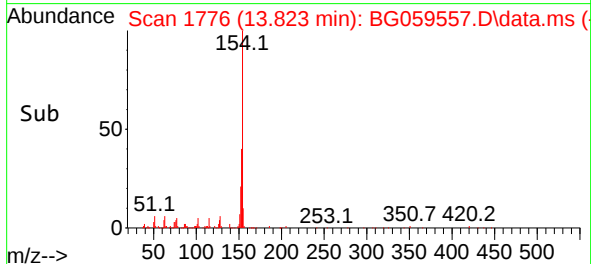
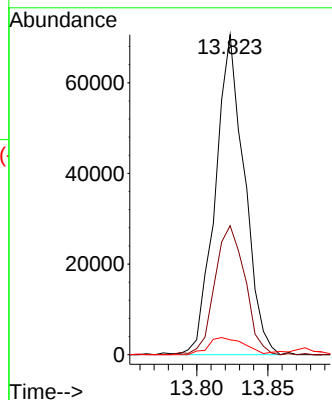
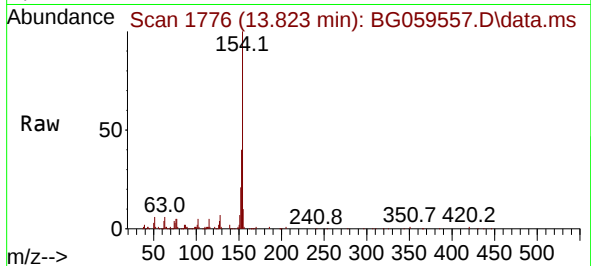
#43
1,1'-Biphenyl
Concen: 3.698 ng/ul
RT: 13.823 min Scan# 1776
Delta R.T. -0.008 min
Lab File: BG059557.D
Acq: 31 Oct 2023 10:51

Instrument : BNA_G
ClientSampleId : MDL-WATER-QT4-2023-08

Tgt Ion:154 Resp: 100550
Ion Ratio Lower Upper
154 100
153 40.3 30.7 46.1
76 4.6 8.2 12.4

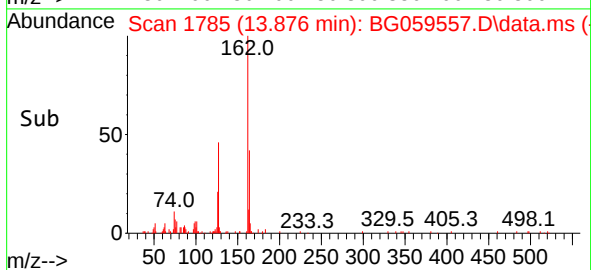
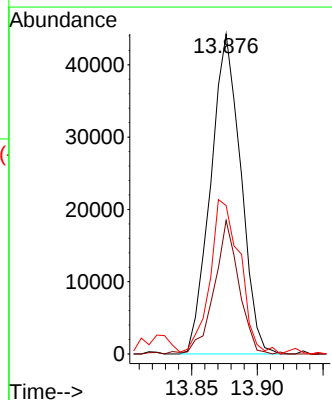
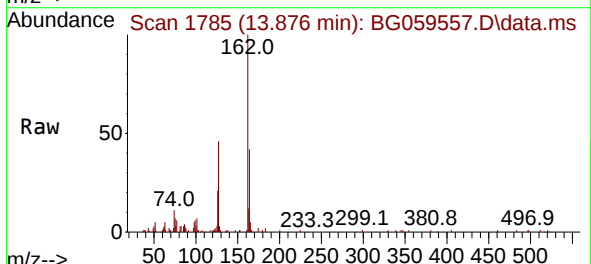
Manual Integrations
APPROVED

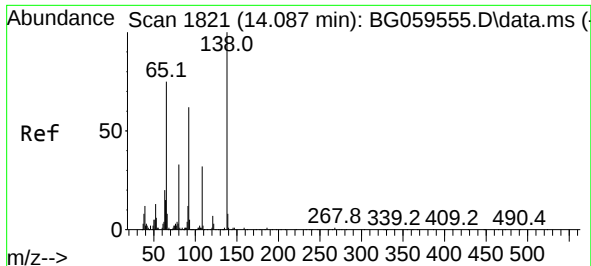
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#44
2-Chloronaphthalene
Concen: 3.339 ng/ul
RT: 13.876 min Scan# 1785
Delta R.T. -0.008 min
Lab File: BG059557.D
Acq: 31 Oct 2023 10:51

Tgt Ion:162 Resp: 70569
Ion Ratio Lower Upper
162 100
164 41.7 23.9 35.9#
127 46.4 35.3 52.9





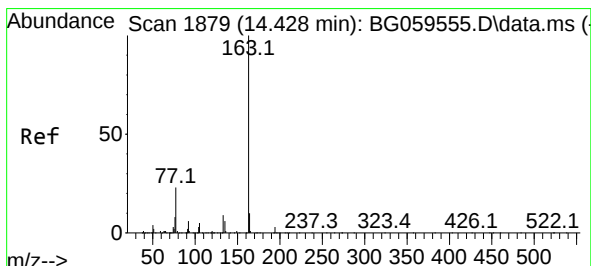
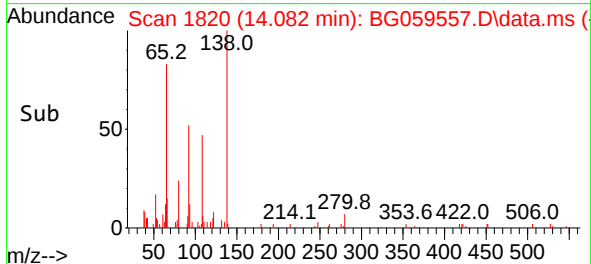
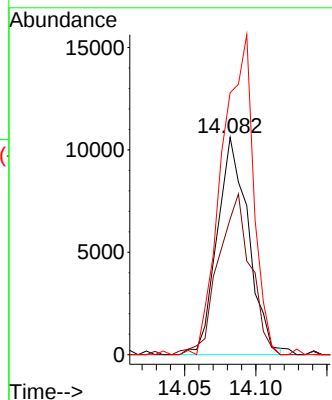
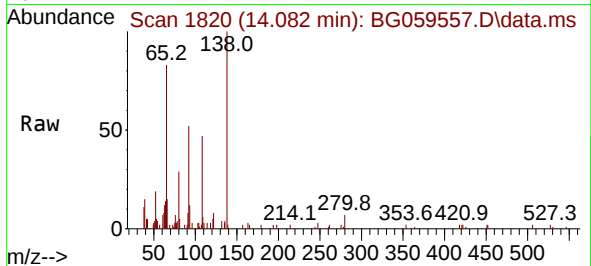
#45
2-Nitroaniline
Concen: 4.121 ng/ul
RT: 14.082 min Scan# 1821
Delta R.T. -0.008 min
Lab File: BG059557.D
Acq: 31 Oct 2023 10:51

Instrument : BNA_G
ClientSampleId : MDL-WATER-QT4-2023-08

Tgt Ion: 65 Resp: 16204
Ion Ratio Lower Upper
65 100
92 62.5 59.6 89.4
138 120.6 109.0 163.6

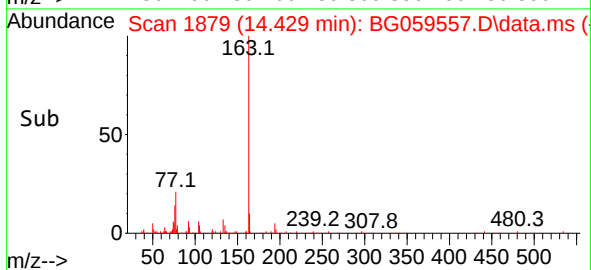
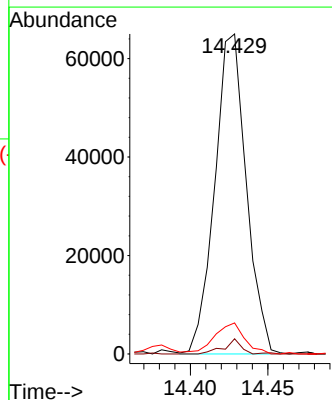
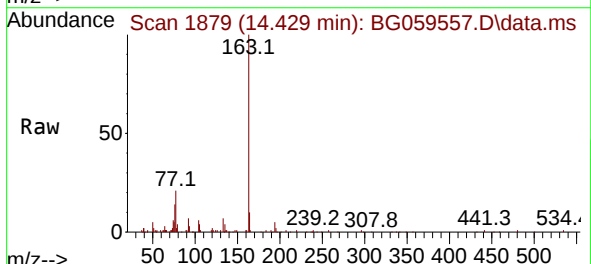
Manual Integrations
APPROVED

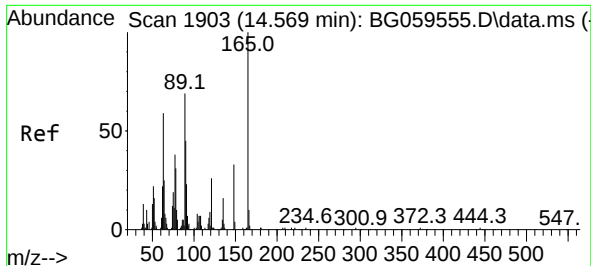
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#47
Dimethylphthalate
Concen: 3.415 ng/ul
RT: 14.429 min Scan# 1879
Delta R.T. -0.008 min
Lab File: BG059557.D
Acq: 31 Oct 2023 10:51

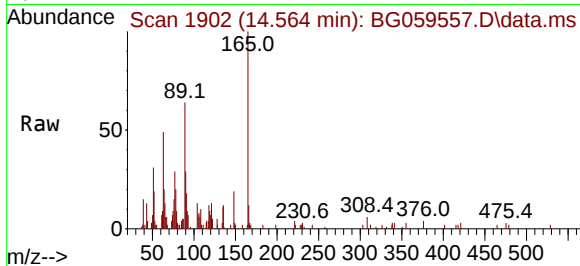
Tgt Ion:163 Resp: 91868
Ion Ratio Lower Upper
163 100
194 4.8 2.6 3.8#
164 9.7 6.6 10.0





#48
2,6-Dinitrotoluene
Concen: 3.950 ng/ul
RT: 14.564 min Scan# 1903
Delta R.T. -0.008 min
Lab File: BG059557.D
Acq: 31 Oct 2023 10:51

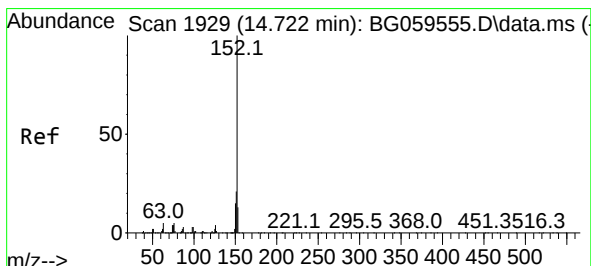
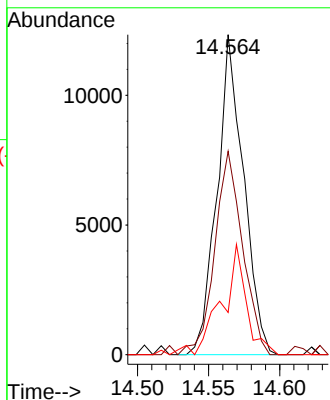
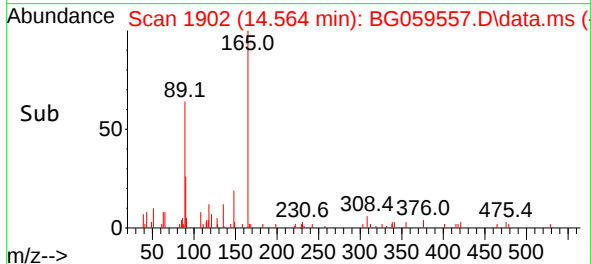
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-QT4-2023-08



Tgt Ion:165 Resp: 16030
Ion Ratio Lower Upper
165 100
89 63.6 41.0 61.4
121 13.2 12.3 18.5

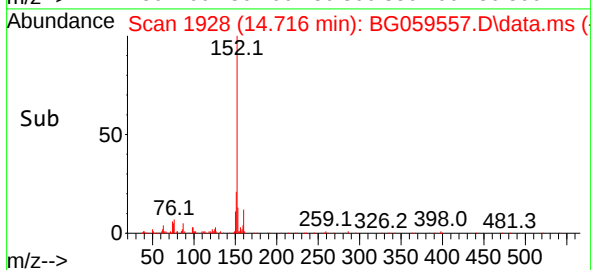
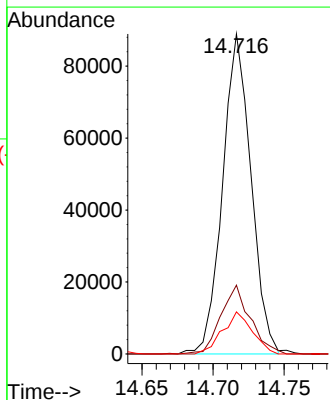
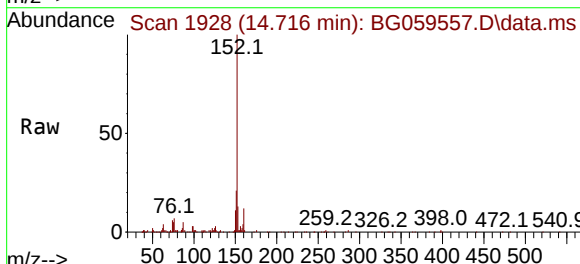
Manual Integrations
APPROVED

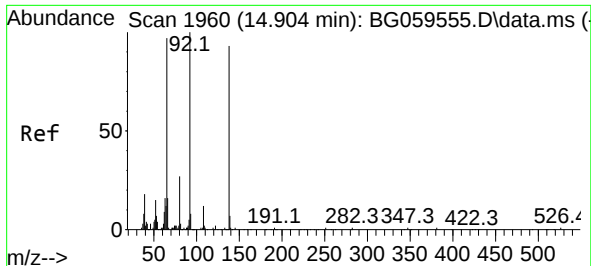
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#50
Acenaphthylene
Concen: 3.360 ng/ul
RT: 14.716 min Scan# 1928
Delta R.T. -0.008 min
Lab File: BG059557.D
Acq: 31 Oct 2023 10:51

Tgt Ion:152 Resp: 123699
Ion Ratio Lower Upper
152 100
151 21.5 16.6 25.0
153 13.2 9.4 14.2





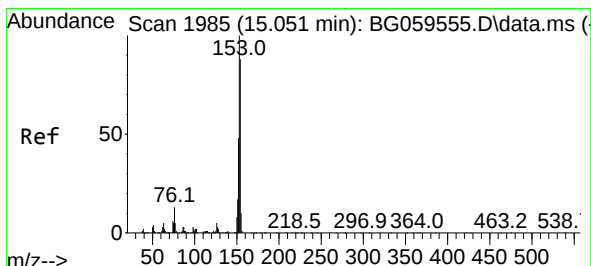
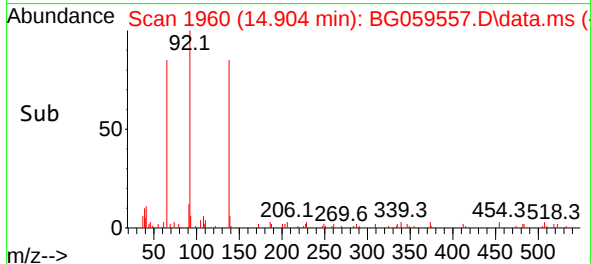
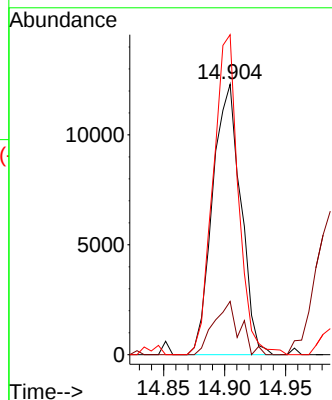
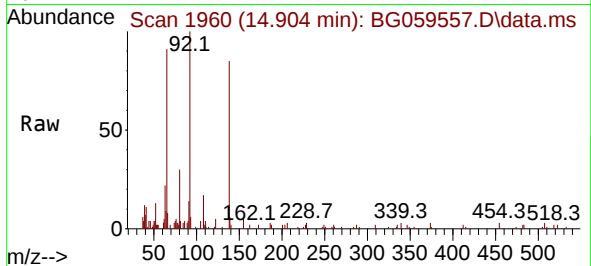
#51
3-Nitroaniline
Concen: 3.911 ng/ul
RT: 14.904 min Scan# 1960
Delta R.T. -0.002 min
Lab File: BG059557.D
Acq: 31 Oct 2023 10:51

Instrument : BNA_G
ClientSampleId : MDL-WATER-QT4-2023-08

Tgt Ion:138 Resp: 19780
Ion Ratio Lower Upper
138 100
108 19.7 17.1 25.7
92 118.3 101.8 152.8

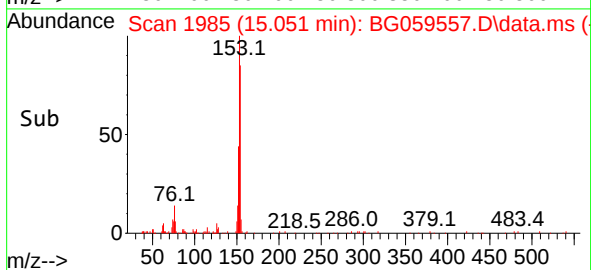
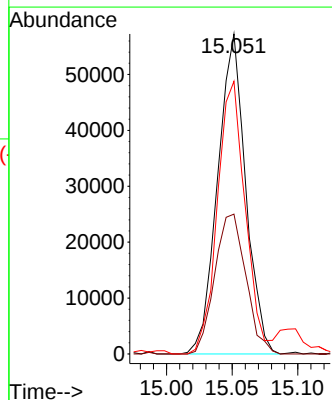
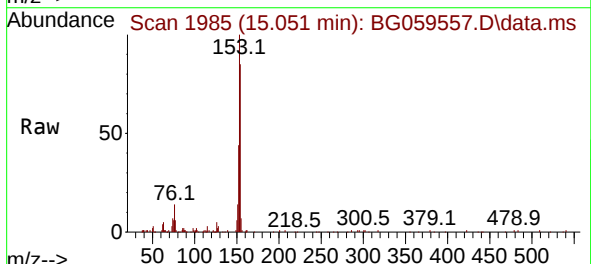
Manual Integrations
APPROVED

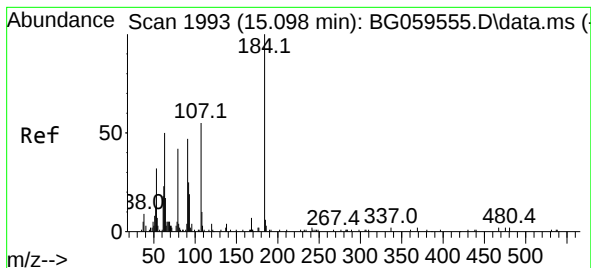
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#52
Acenaphthene
Concen: 3.540 ng/ul
RT: 15.051 min Scan# 1985
Delta R.T. -0.002 min
Lab File: BG059557.D
Acq: 31 Oct 2023 10:51

Tgt Ion:153 Resp: 84964
Ion Ratio Lower Upper
153 100
152 43.7 37.6 56.4
154 85.2 69.4 104.0





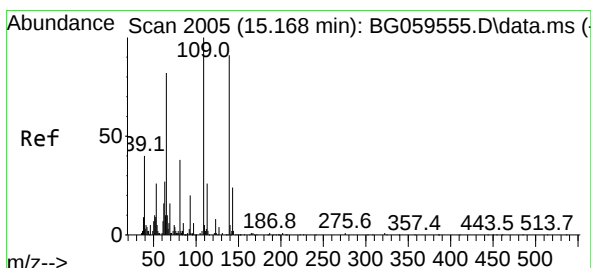
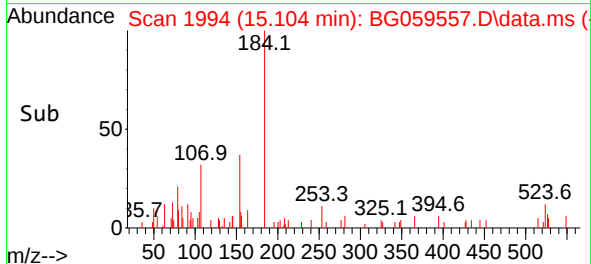
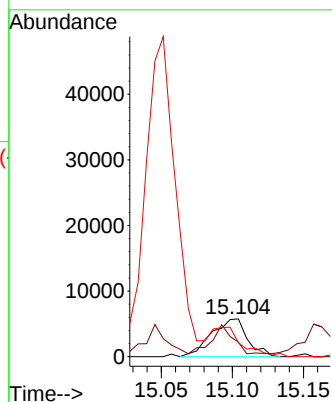
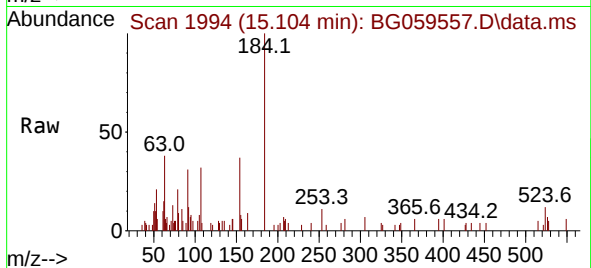
#53
2,4-Dinitrophenol
Concen: 4.419 ng/ul
RT: 15.104 min Scan# 1993
Delta R.T. 0.004 min
Lab File: BG059557.D
Acq: 31 Oct 2023 10:51

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-QT4-2023-08

Tgt Ion:184 Resp: 1019
Ion Ratio Lower Upper
184 100
63 38.2 35.0 52.6
154 36.9 49.8 74.8

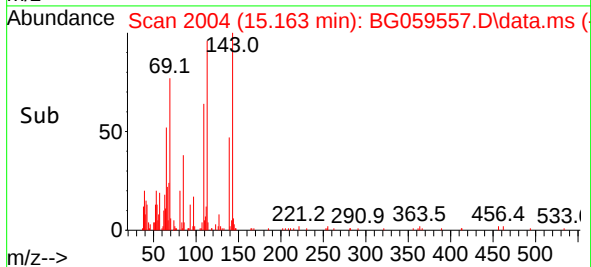
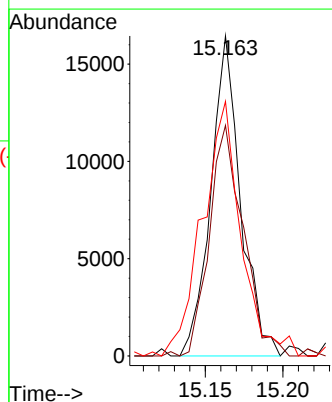
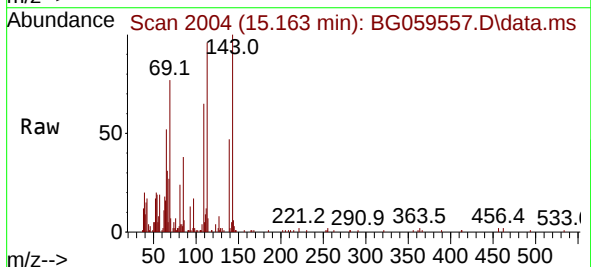
Manual Integrations
APPROVED

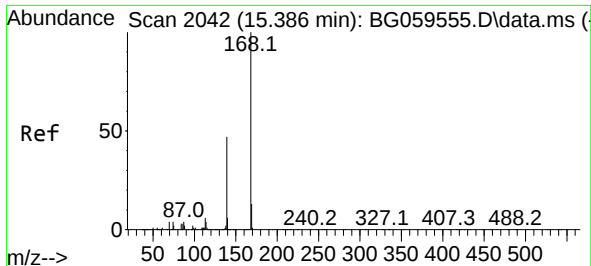
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#55
4-Nitrophenol
Concen: 4.263 ng/ul
RT: 15.163 min Scan# 2004
Delta R.T. -0.002 min
Lab File: BG059557.D
Acq: 31 Oct 2023 10:51

Tgt Ion:109 Resp: 21938
Ion Ratio Lower Upper
109 100
139 72.0 72.2 108.2#
65 79.5 57.3 85.9





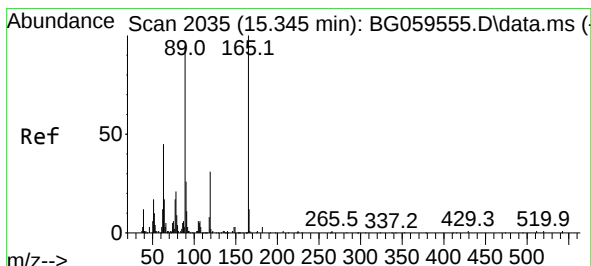
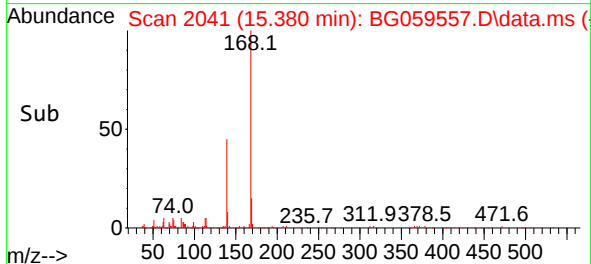
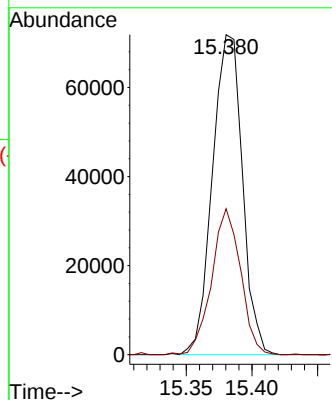
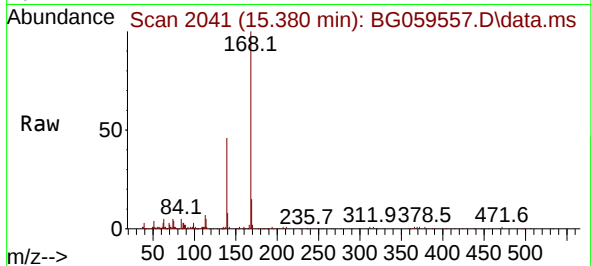
#56
Dibenzenofuran
Concen: 3.663 ng/ul
RT: 15.380 min Scan# 2042
Delta R.T. -0.008 min
Lab File: BG059557.D
Acq: 31 Oct 2023 10:51

Instrument : BNA_G
ClientSampleId : MDL-WATER-QT4-2023-08

Tgt Ion:168 Resp: 113978
Ion Ratio Lower Upper
168 100
139 45.6 33.8 50.8

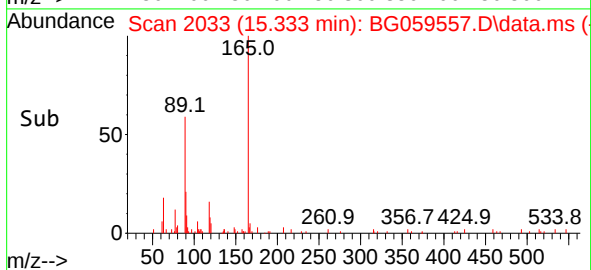
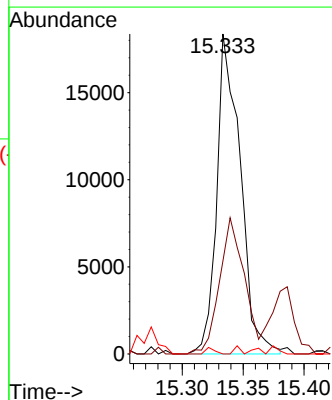
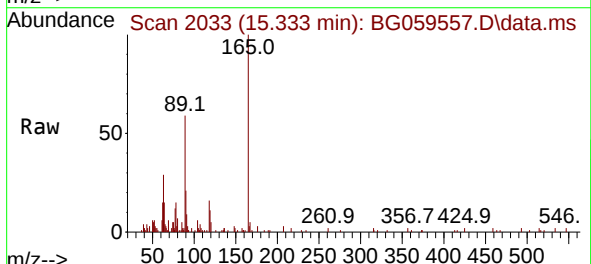
Manual Integrations
APPROVED

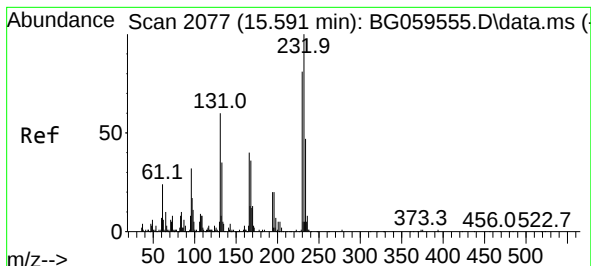
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#57
2,4-Dinitrotoluene
Concen: 4.316 ng/ul
RT: 15.333 min Scan# 2033
Delta R.T. -0.014 min
Lab File: BG059557.D
Acq: 31 Oct 2023 10:51

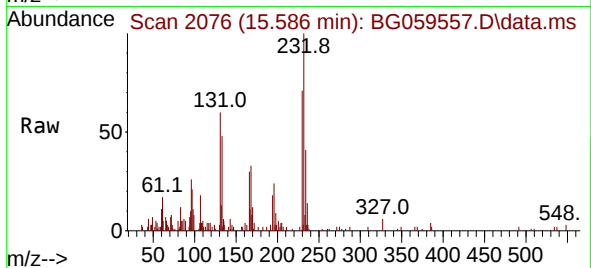
Tgt Ion:165 Resp: 24638
Ion Ratio Lower Upper
165 100
63 29.0 30.9 46.3#
182 0.0 1.8 2.6#





#58
2,3,4,6-Tetrachlorophenol
Concen: 3.888 ng/ul
RT: 15.586 min Scan# 2076
Delta R.T. -0.002 min
Lab File: BG059557.D
Acq: 31 Oct 2023 10:51

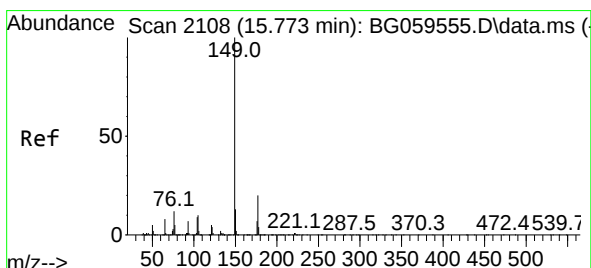
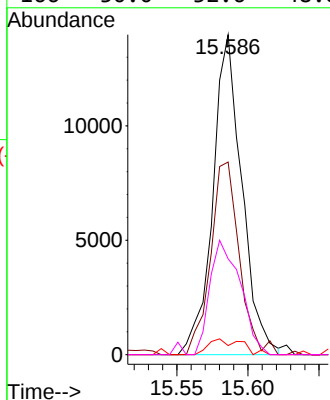
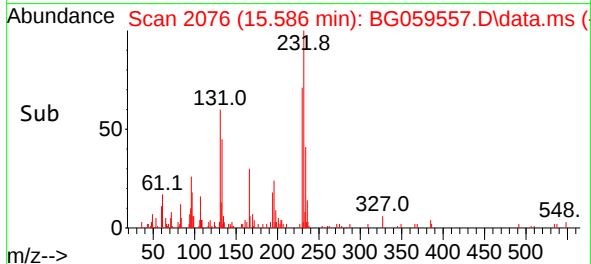
Instrument : BNA_G
ClientSampleId : MDL-WATER-QT4-2023-08



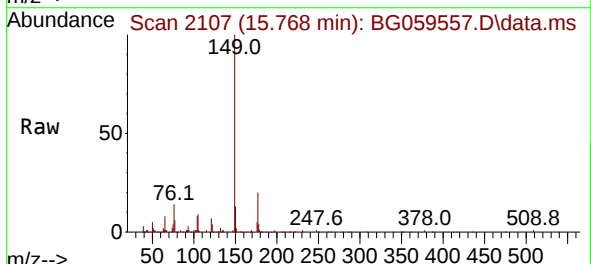
Tgt Ion:232 Resp: 19834
Ion Ratio Lower Upper
232 100
131 60.2 44.2 66.2
130 2.9 2.3 3.5
166 30.0 32.6 48.8#

Manual Integrations
APPROVED

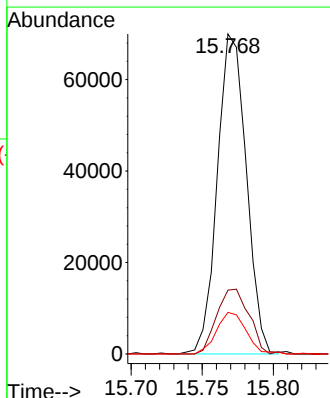
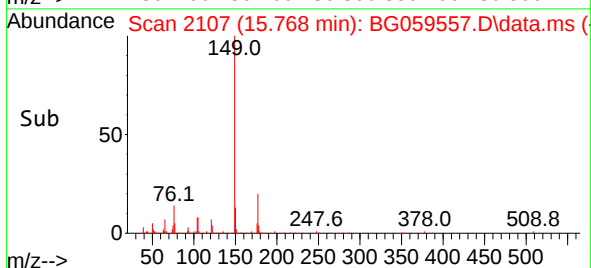
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

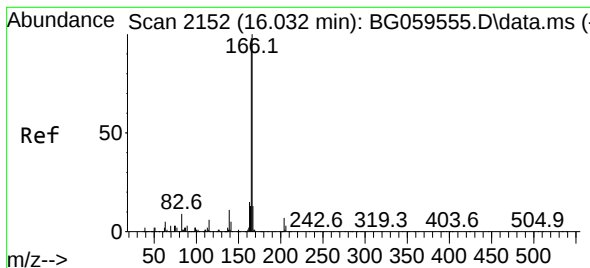


#59
Diethylphthalate
Concen: 3.380 ng/ul
RT: 15.768 min Scan# 2107
Delta R.T. -0.014 min
Lab File: BG059557.D
Acq: 31 Oct 2023 10:51



Tgt Ion:149 Resp: 99196
Ion Ratio Lower Upper
149 100
177 20.0 16.3 24.5
150 13.0 9.1 13.7





#61

Fluorene

Concen: 3.400 ng/ul

RT: 16.033 min Scan# 2152

Delta R.T. -0.002 min

Lab File: BG059557.D

Acq: 31 Oct 2023 10:51

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-QT4-2023-08

Tgt Ion:166 Resp: 91338

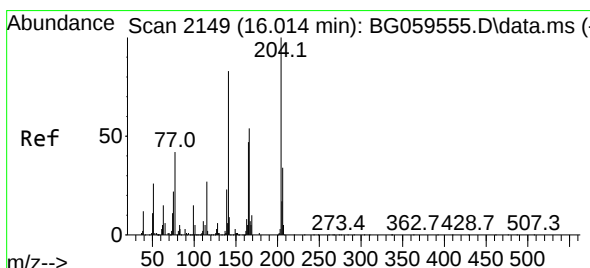
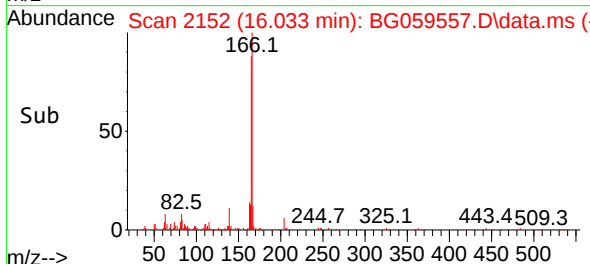
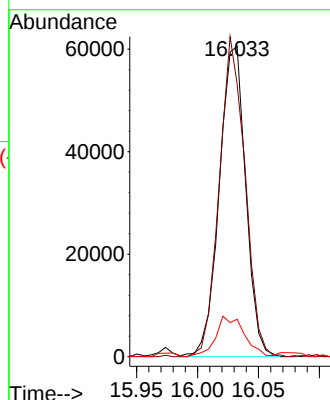
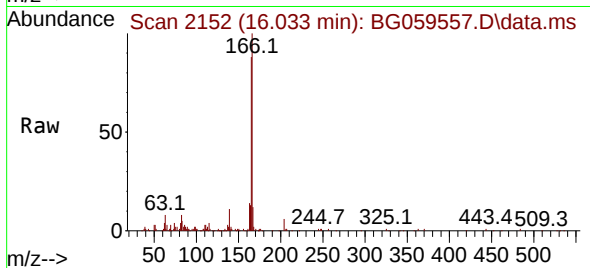
Ion	Ratio	Lower	Upper
166	100		
165	87.8	74.4	111.6
167	12.1	9.1	13.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/02/2023

Supervised By :mohammad ahmed 11/02/2023



#62

4-Chlorophenyl-phenylether

Concen: 3.571 ng/ul

RT: 16.015 min Scan# 2149

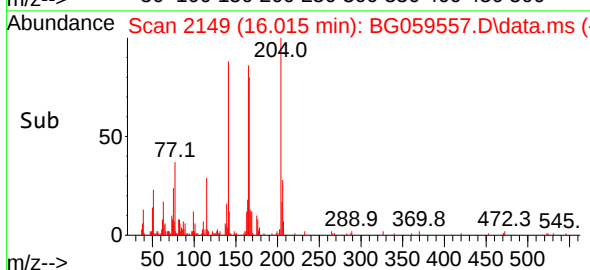
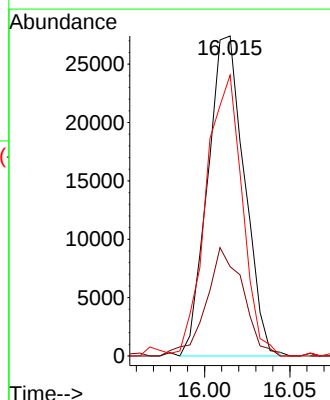
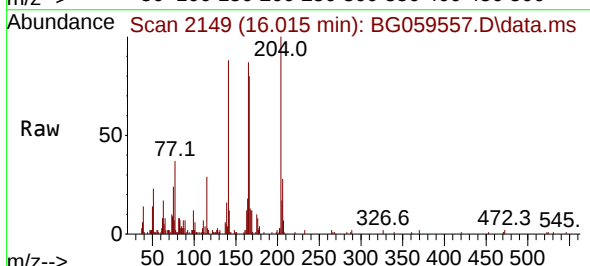
Delta R.T. -0.008 min

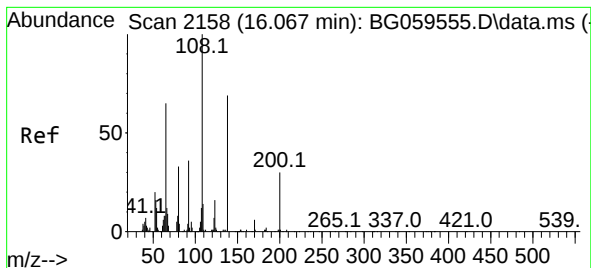
Lab File: BG059557.D

Acq: 31 Oct 2023 10:51

Tgt Ion:204 Resp: 40999

Ion	Ratio	Lower	Upper
204	100		
206	27.9	28.8	43.2#
141	87.7	68.6	103.0





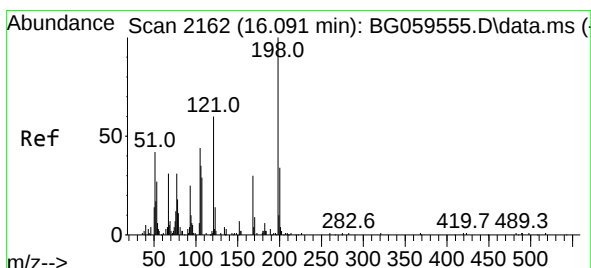
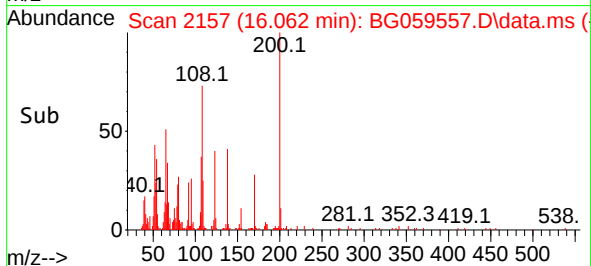
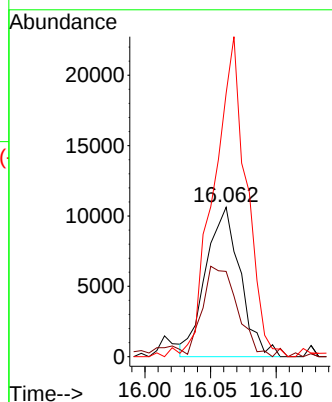
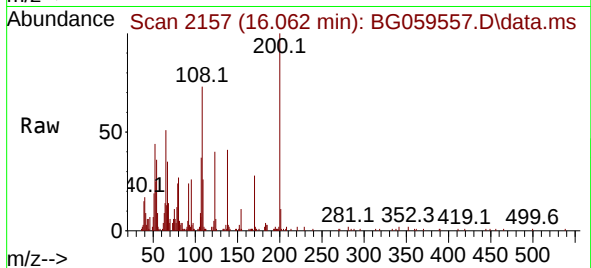
#63
4-Nitroaniline
Concen: 3.616 ng/ul
RT: 16.062 min Scan# 2158
Delta R.T. -0.008 min
Lab File: BG059557.D
Acq: 31 Oct 2023 10:51

Instrument : BNA_G
ClientSampleId : MDL-WATER-QT4-2023-08

Tgt Ion:138 Resp: 1941
Ion Ratio Lower Upper
138 100
92 57.1 49.8 74.8
108 176.2 100.9 151.3

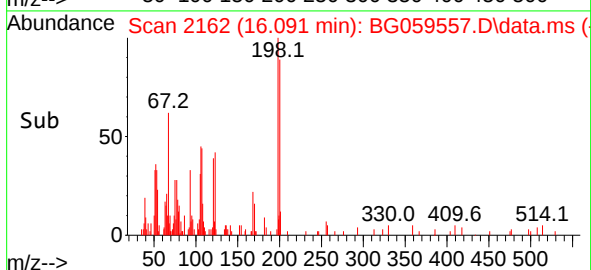
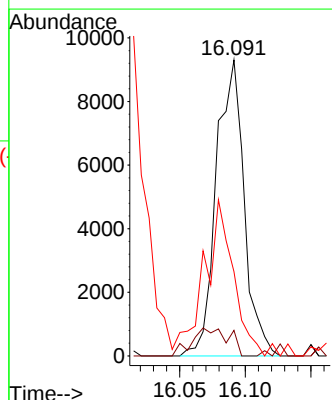
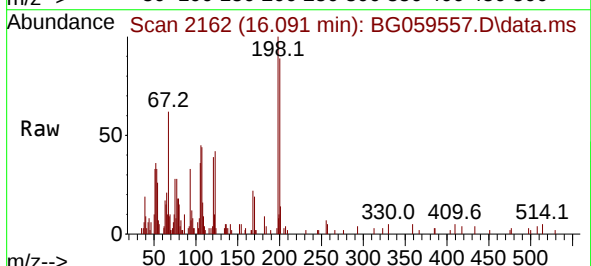
Manual Integrations
APPROVED

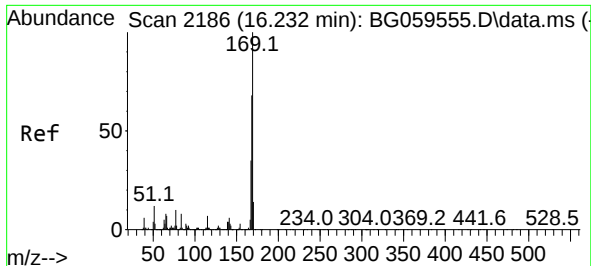
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#66
4,6-Dinitro-2-methylphenol
Concen: 4.263 ng/ul
RT: 16.091 min Scan# 2162
Delta R.T. -0.002 min
Lab File: BG059557.D
Acq: 31 Oct 2023 10:51

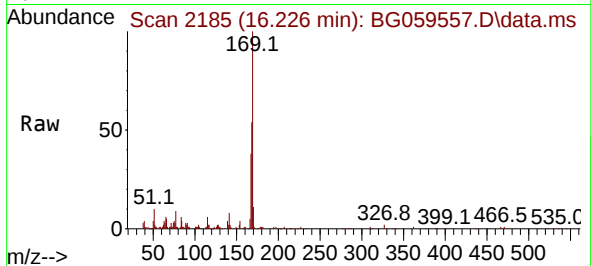
Tgt Ion:198 Resp: 13720
Ion Ratio Lower Upper
198 100
182 8.7 1.4 2.0#
77 28.5 15.8 23.8#





#67
N-Nitrosodiphenylamine
Concen: 3.721 ng/ul
RT: 16.226 min Scan# 2185
Delta R.T. -0.008 min
Lab File: BG059557.D
Acq: 31 Oct 2023 10:51

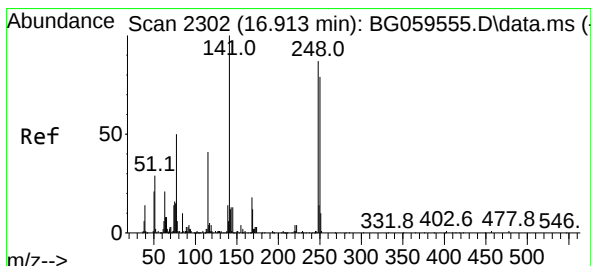
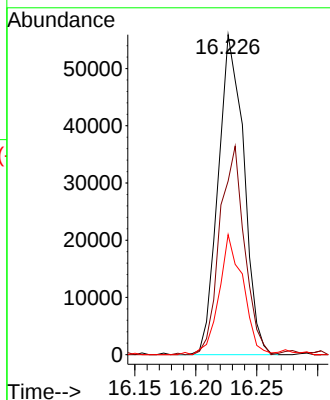
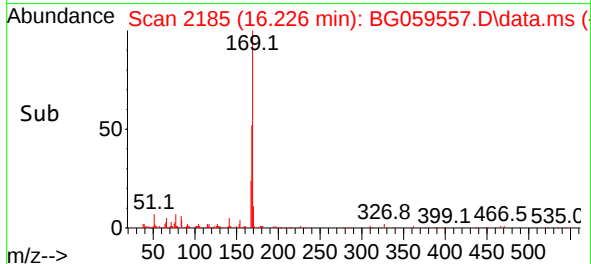
Instrument : BNA_G
ClientSampleId :
MDL-WATER-QT4-2023-08



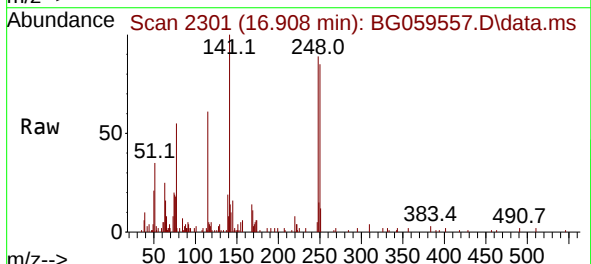
Tgt Ion:169 Resp: 81989
Ion Ratio Lower Upper
169 100
168 54.2 54.2 81.2
167 37.5 31.3 46.9

Manual Integrations
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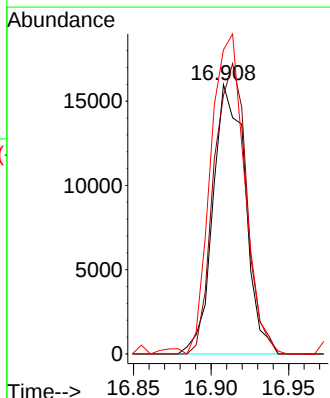
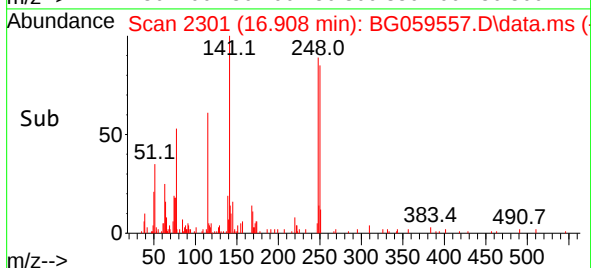
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023

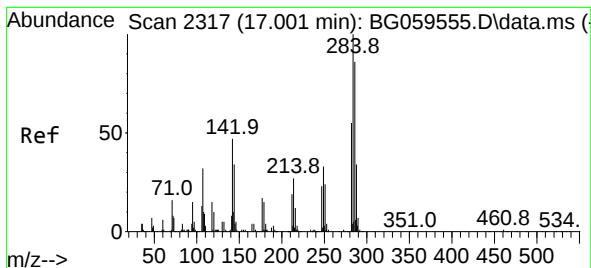


#68
4-Bromophenyl-phenylether
Concen: 3.580 ng/ul
RT: 16.908 min Scan# 2301
Delta R.T. -0.008 min
Lab File: BG059557.D
Acq: 31 Oct 2023 10:51



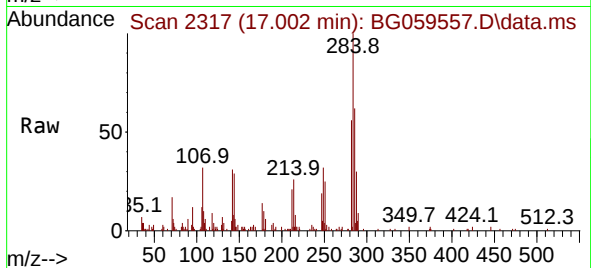
Tgt Ion:248 Resp: 23104
Ion Ratio Lower Upper
248 100
250 95.9 74.2 111.2
141 112.8 88.5 132.7





#69
Hexachlorobenzene
Concen: 4.057 ng/ul
RT: 17.002 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG059557.D
Acq: 31 Oct 2023 10:51

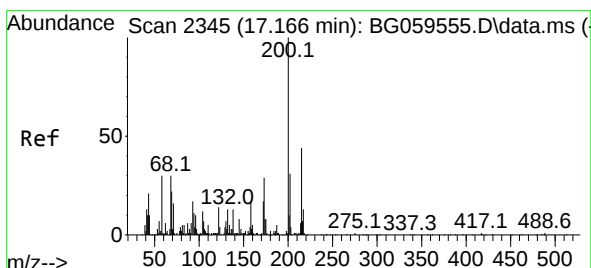
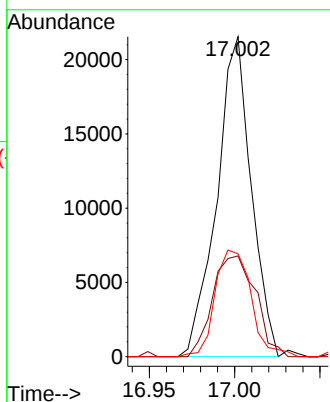
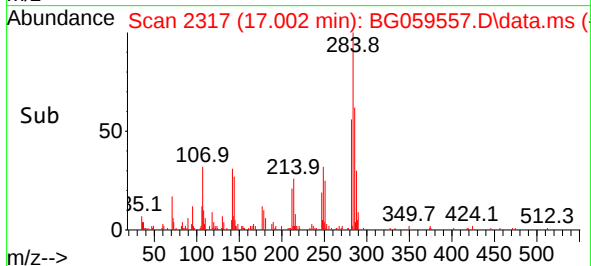
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-QT4-2023-08



Tgt Ion:284 Resp: 3025
Ion Ratio Lower Upper
284 100
142 31.5 39.6 59.4
249 32.2 28.2 42.2

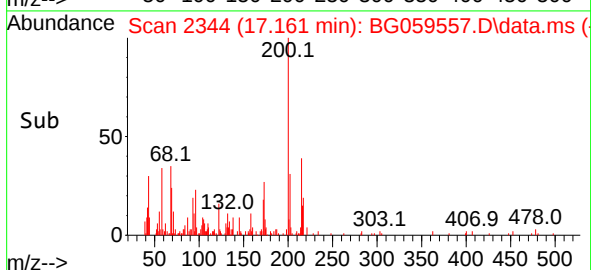
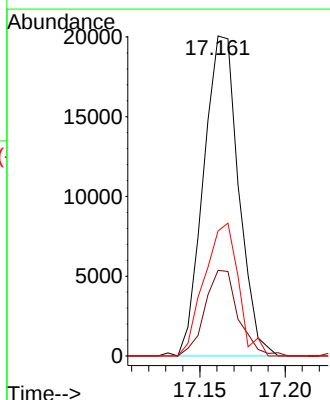
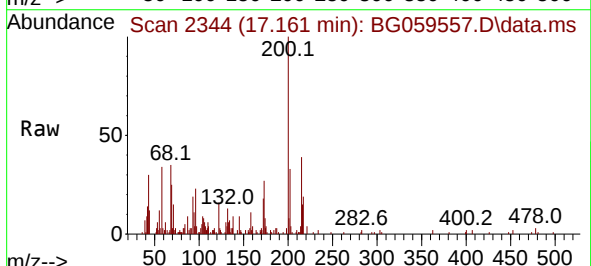
Manual Integrations
APPROVED

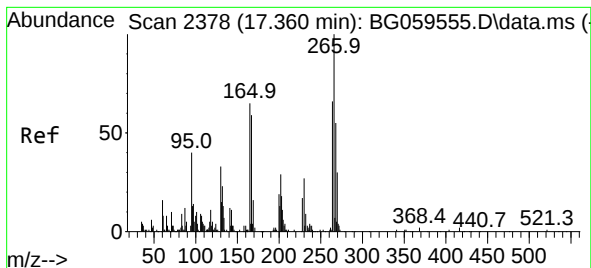
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#70
Atrazine
Concen: 4.205 ng/ul
RT: 17.161 min Scan# 2344
Delta R.T. -0.014 min
Lab File: BG059557.D
Acq: 31 Oct 2023 10:51

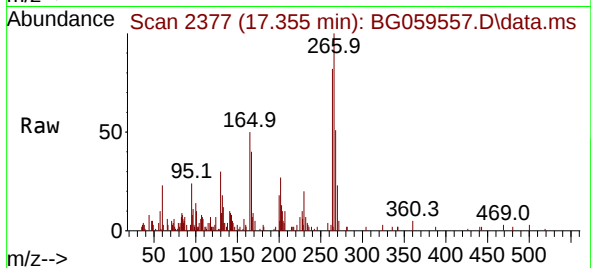
Tgt Ion:200 Resp: 28708
Ion Ratio Lower Upper
200 100
173 26.8 25.7 38.5
215 39.0 32.1 48.1





#71
 Pentachlorophenol
 Concen: 4.602 ng/ul
 RT: 17.355 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG059557.D
 Acq: 31 Oct 2023 10:51

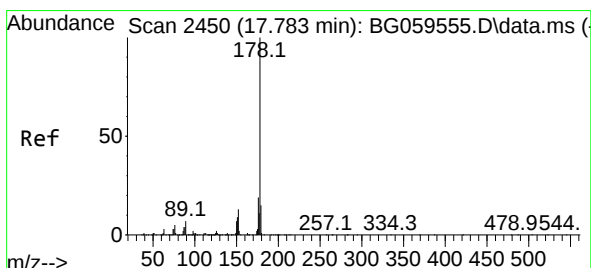
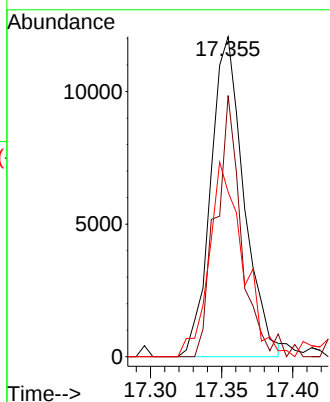
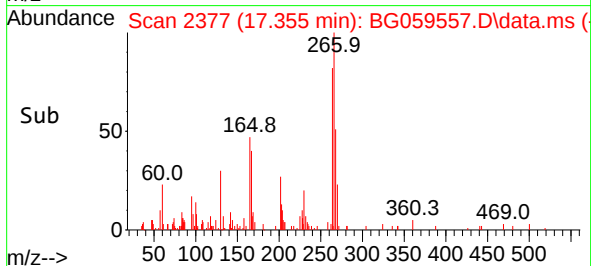
Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-QT4-2023-08



Tgt Ion:266 Resp: 1960
 Ion Ratio Lower Upper
 266 100
 264 83.2 46.2 69.2
 268 51.4 46.4 69.6

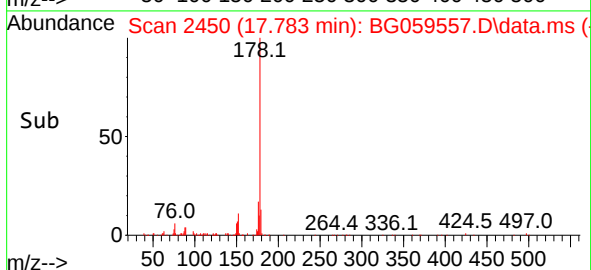
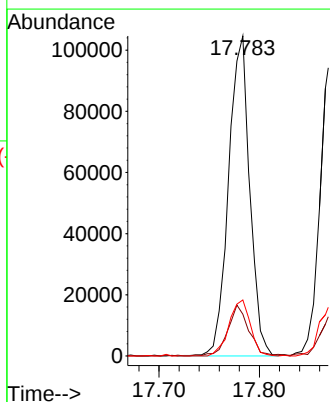
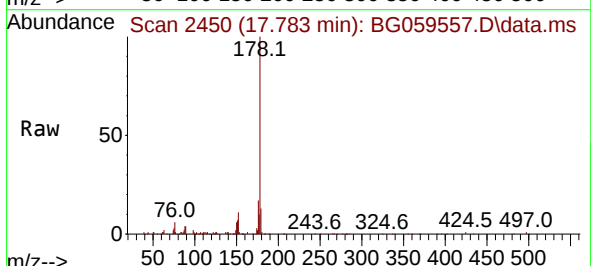
Manual Integrations
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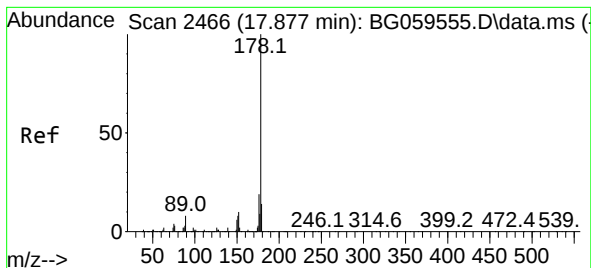
Reviewed By :Yogesh Patel 11/02/2023
 Supervised By :mohammad ahmed 11/02/2023



#72
 Phenanthrene
 Concen: 3.656 ng/ul
 RT: 17.783 min Scan# 2450
 Delta R.T. -0.002 min
 Lab File: BG059557.D
 Acq: 31 Oct 2023 10:51

Tgt Ion:178 Resp: 153253
 Ion Ratio Lower Upper
 178 100
 179 13.1 11.3 16.9
 176 17.5 15.4 23.0





#74

Anthracene

Concen: 3.635 ng/uI

RT: 17.872 min Scan# 2466

Delta R.T. -0.008 min

Lab File: BG059557.D

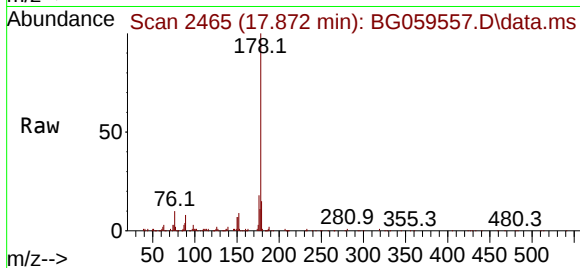
Acq: 31 Oct 2023 10:51

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-QT4-2023-08



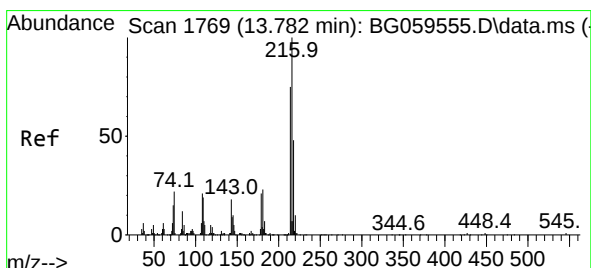
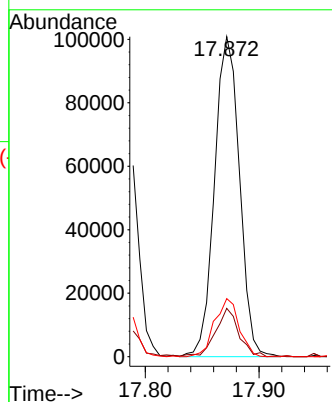
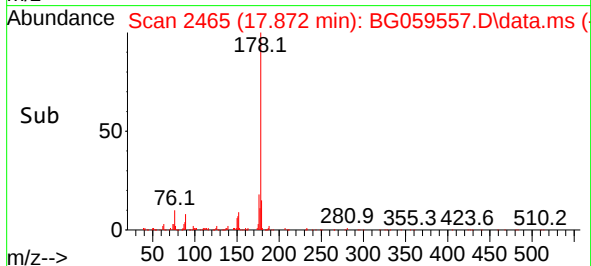
Tgt Ion:	178	Resp:	15386
Ion Ratio	Lower	Upper	
178	100		
179	15.1	13.1	19.7
176	18.2	13.9	20.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/02/2023

Supervised By :mohammad ahmed 11/02/2023



#75

1,2,3,4-Tetrachlorobenzene

Concen: 3.384 ng/uL

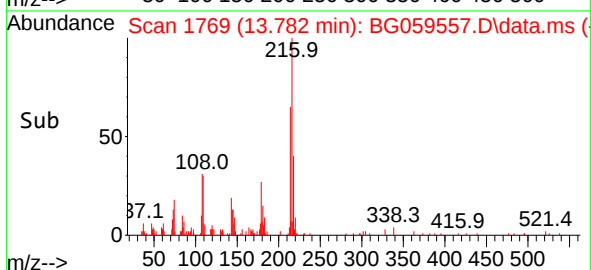
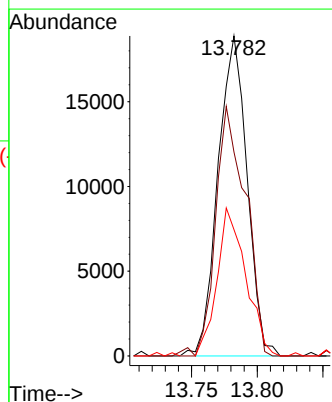
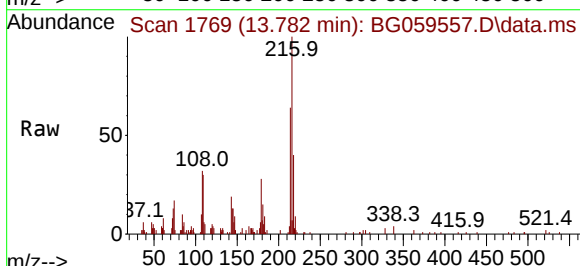
RT: 13.782 min Scan# 1769

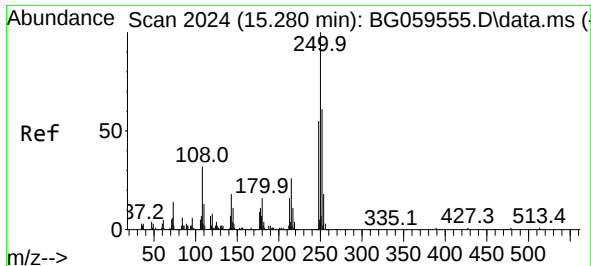
Delta R.T. -0.008 min

Lab File: BG059557.D

Acq: 31 Oct 2023 10:51

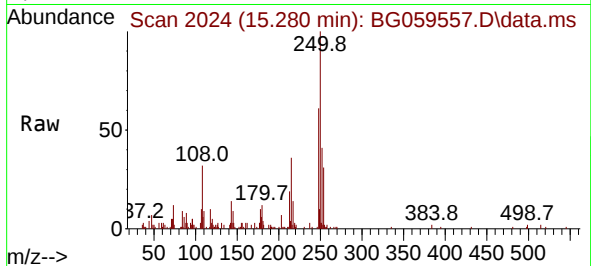
Tgt Ion:	216	Resp:	29064
Ion Ratio	Lower	Upper	
216	100		
214	70.7	70.2	105.2
218	39.5	39.9	59.9





#76
Pentachlorobenzene
Concen: 4.063 ng/uL
RT: 15.280 min Scan# 2024
Delta R.T. -0.002 min
Lab File: BG059557.D
Acq: 31 Oct 2023 10:51

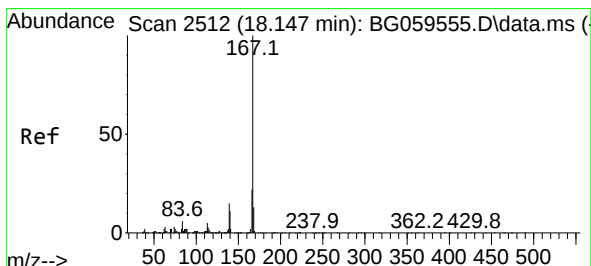
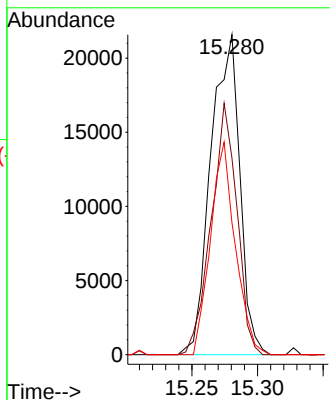
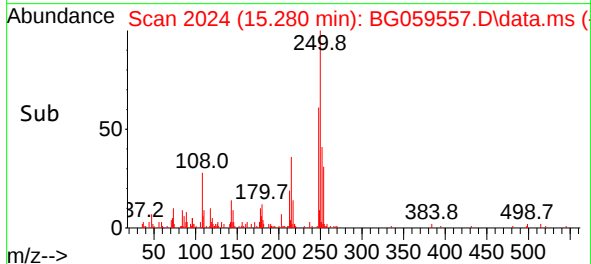
Instrument : BNA_G
ClientSampleId : MDL-WATER-QT4-2023-08



Tgt Ion:250 Resp: 33100
Ion Ratio Lower Upper
250 100
248 60.0 48.7 73.1
252 40.2 51.2 76.8

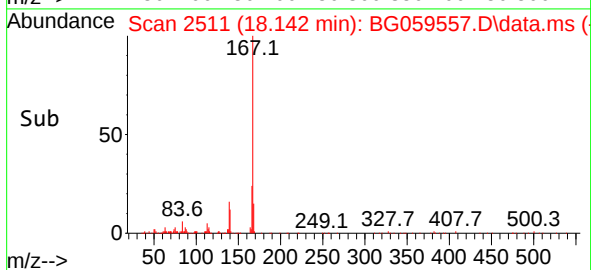
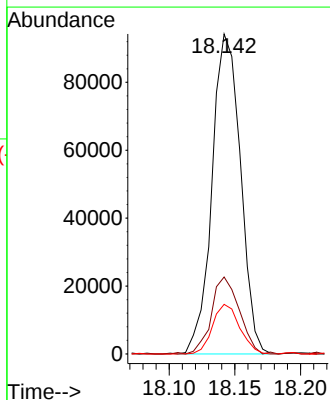
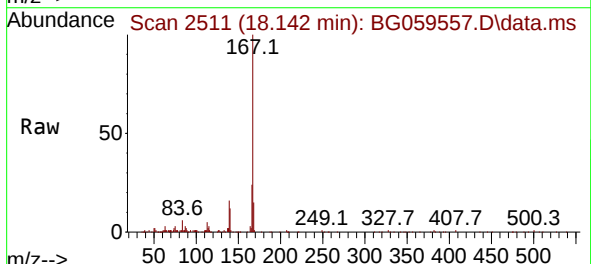
Manual Integrations
APPROVED

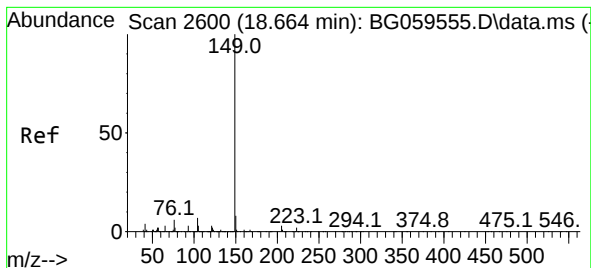
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#77
Carbazole
Concen: 3.913 ng/uL
RT: 18.142 min Scan# 2511
Delta R.T. -0.008 min
Lab File: BG059557.D
Acq: 31 Oct 2023 10:51

Tgt Ion:167 Resp: 142281
Ion Ratio Lower Upper
167 100
166 24.0 19.4 29.2
139 15.5 11.7 17.5





#78

Di-n-butylphthalate

Concen: 3.548 ng/ul

RT: 18.659 min Scan# 21

Delta R.T. -0.008 min

Lab File: BG059557.D

Acq: 31 Oct 2023 10:51

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-QT4-2023-08

Tgt Ion:149 Resp: 177280

Ion Ratio Lower Upper

149 100

150 8.9 7.5 11.3

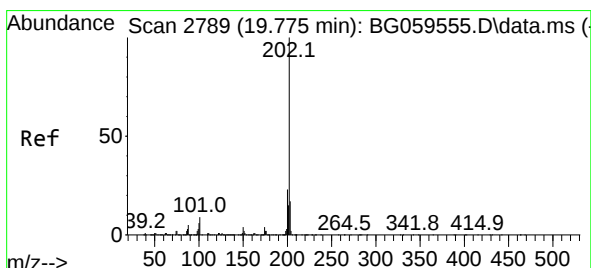
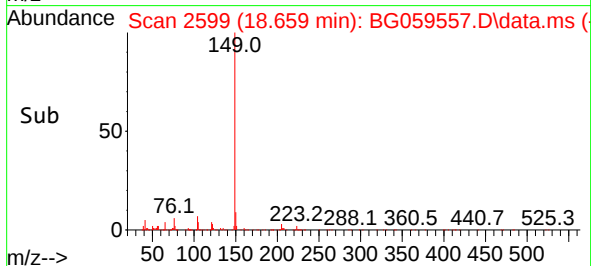
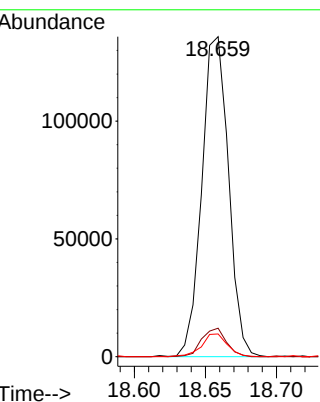
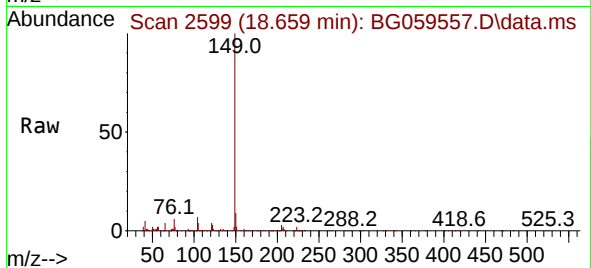
104 7.1 5.3 7.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/02/2023

Supervised By :mohammad ahmed 11/02/2023



#80

Fluoranthene

Concen: 3.355 ng/ul

RT: 19.769 min Scan# 2788

Delta R.T. -0.008 min

Lab File: BG059557.D

Acq: 31 Oct 2023 10:51

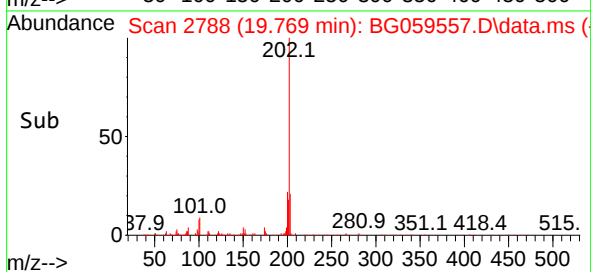
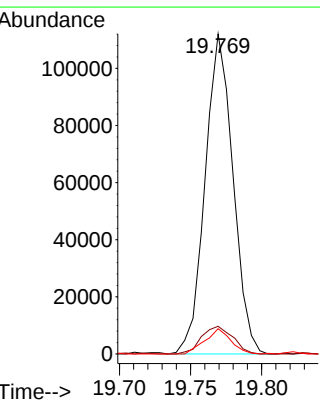
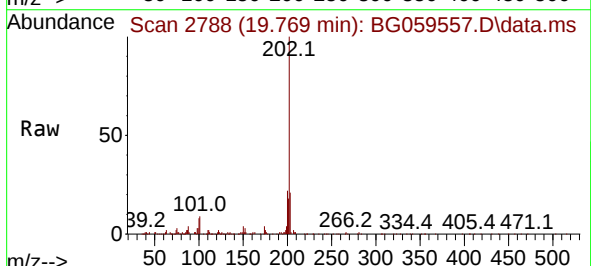
Tgt Ion:202 Resp: 152870

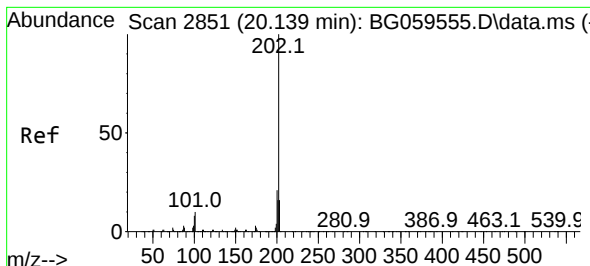
Ion Ratio Lower Upper

202 100

101 8.7 7.0 10.6

100 7.9 5.2 7.8#





#82

Pyrene

Concen: 3.515 ng/ul

RT: 20.134 min Scan# 2851

Delta R.T. -0.008 min

Lab File: BG059557.D

Acq: 31 Oct 2023 10:51

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-QT4-2023-08

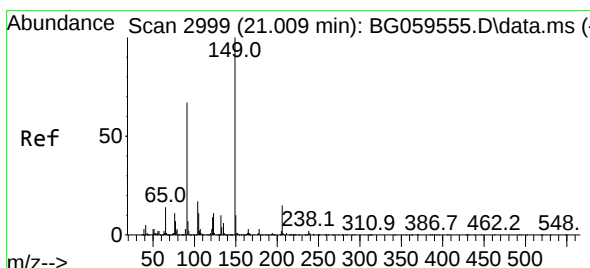
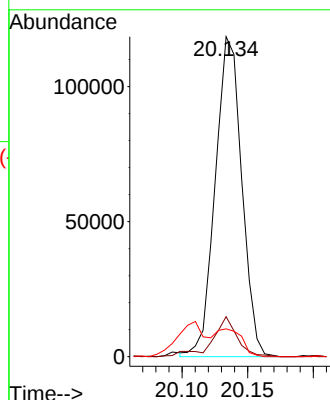
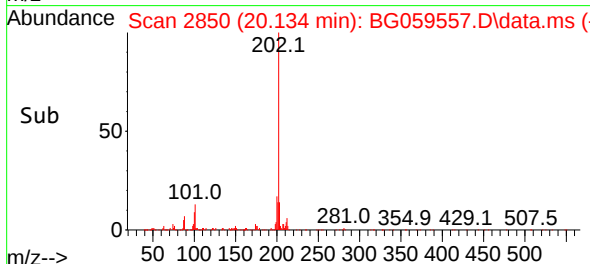
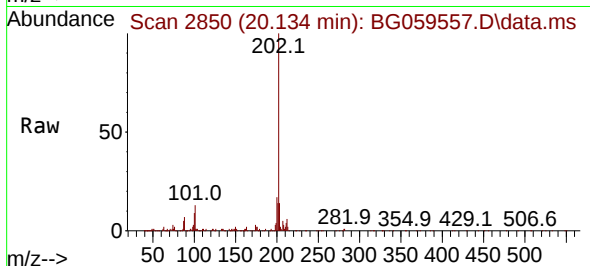
Tgt Ion:	202	Resp:	16638
Ion Ratio	Lower	Upper	
202	100		
101	12.5	7.9	11.9
100	8.7	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/02/2023

Supervised By :mohammad ahmed 11/02/2023



#83

Butylbenzylphthalate

Concen: 3.556 ng/ul

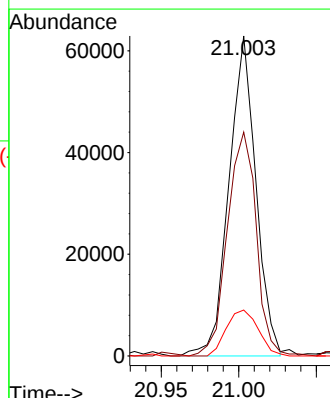
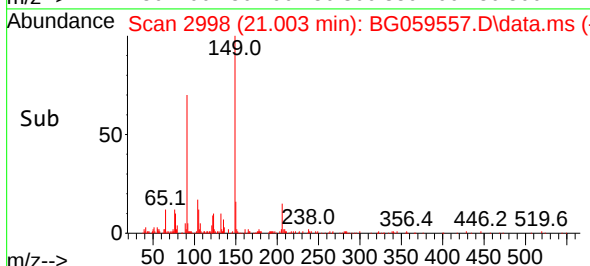
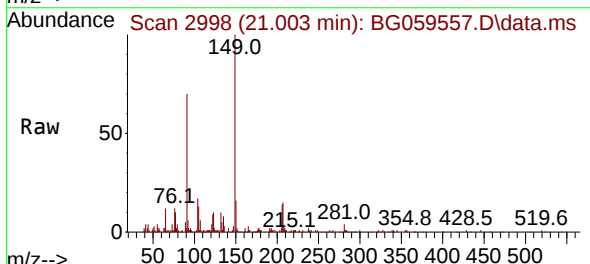
RT: 21.003 min Scan# 2998

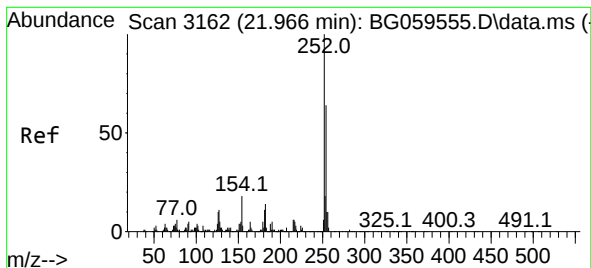
Delta R.T. -0.014 min

Lab File: BG059557.D

Acq: 31 Oct 2023 10:51

Tgt Ion:	149	Resp:	76020
Ion Ratio	Lower	Upper	
149	100		
91	70.0	52.2	78.2
206	14.4	15.1	22.7





#84

3,3'-Dichlorobenzidine

Concen: 4.237 ng/ul

RT: 21.961 min Scan# 3161

Delta R.T. -0.008 min

Lab File: BG059557.D

Acq: 31 Oct 2023 10:51

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-QT4-2023-08

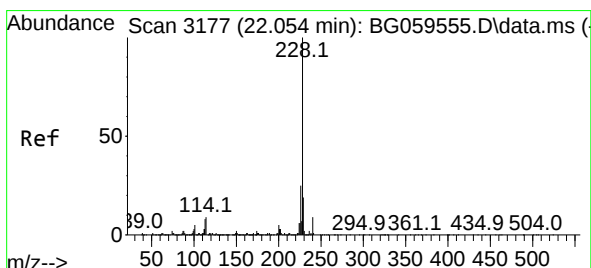
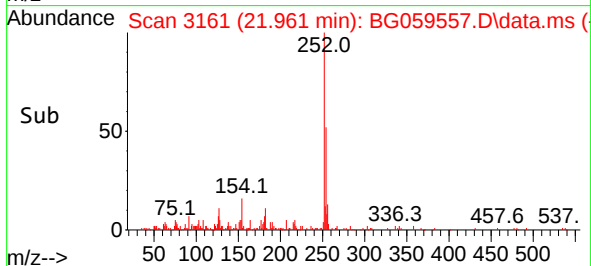
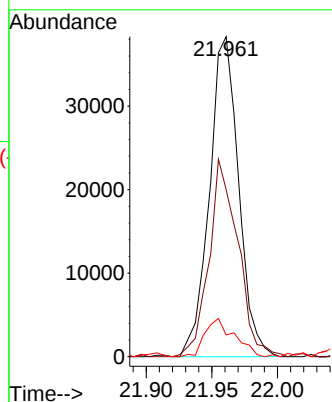
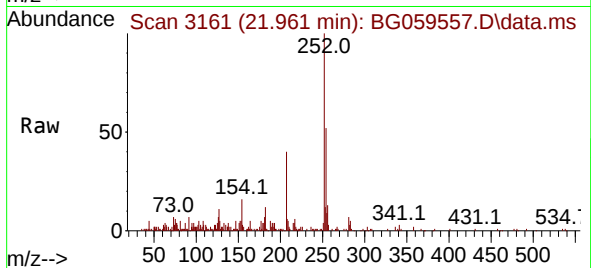
Tgt Ion:252	Resp: 5926
Ion Ratio	Lower Upper
252 100	
254 52.2	48.9 73.3
126 6.8	11.5 17.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/02/2023

Supervised By :mohammad ahmed 11/02/2023



#85

Benzo(a)anthracene

Concen: 3.671 ng/ul

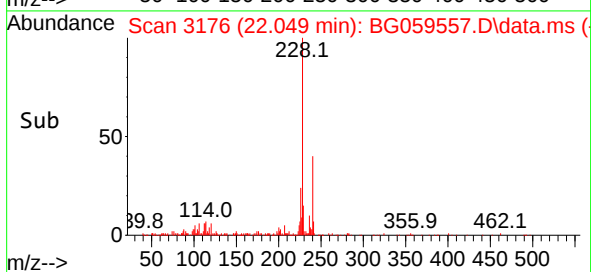
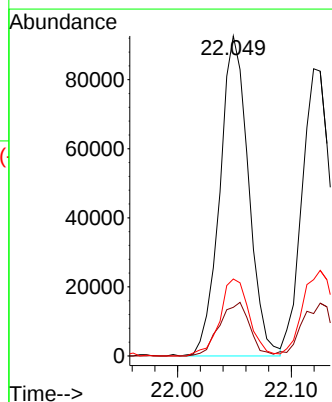
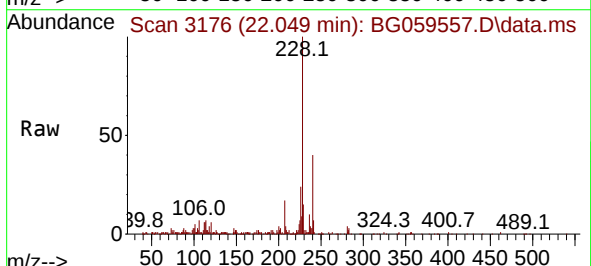
RT: 22.049 min Scan# 3176

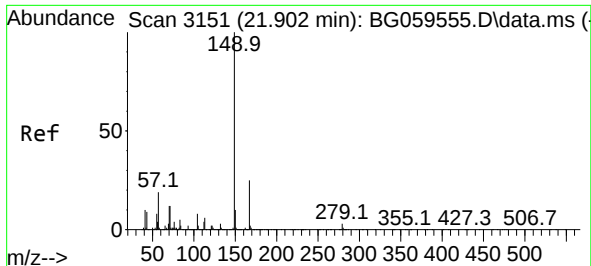
Delta R.T. -0.008 min

Lab File: BG059557.D

Acq: 31 Oct 2023 10:51

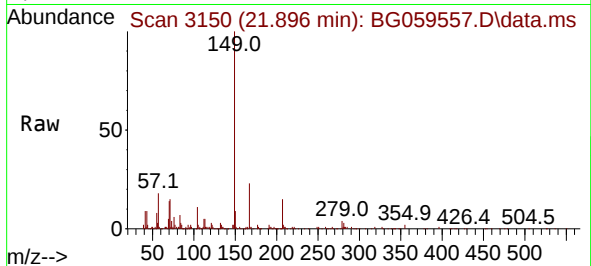
Tgt Ion:228	Resp: 162483
Ion Ratio	Lower Upper
228 100	
229 15.2	16.7 25.1
226 24.1	20.3 30.5





#86
Bis(2-ethylhexyl)phthalate
Concen: 3.547 ng/ul
RT: 21.896 min Scan# 3151
Delta R.T. -0.020 min
Lab File: BG059557.D
Acq: 31 Oct 2023 10:51

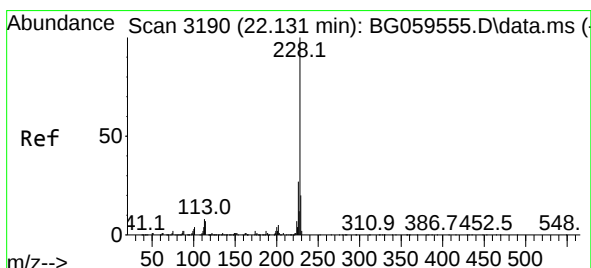
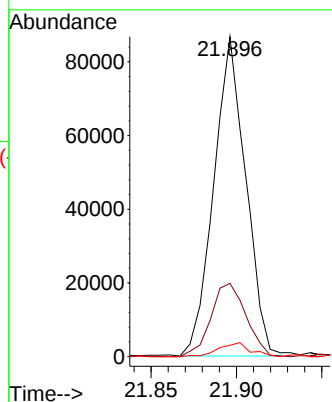
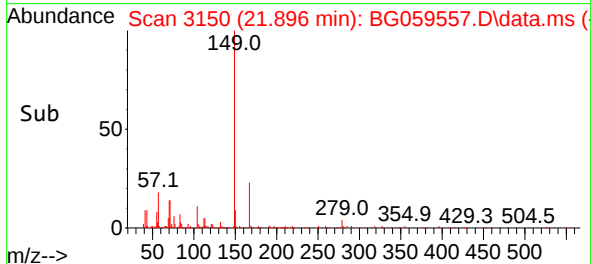
Instrument : BNA_G
ClientSampleId : MDL-WATER-QT4-2023-08



Tgt Ion:149 Resp: 11313
Ion Ratio Lower Upper
149 100
167 22.9 19.4 29.2
279 3.6 2.2 3.4

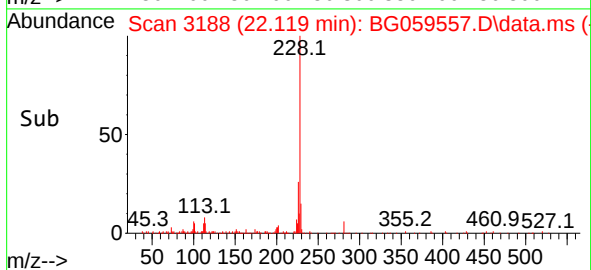
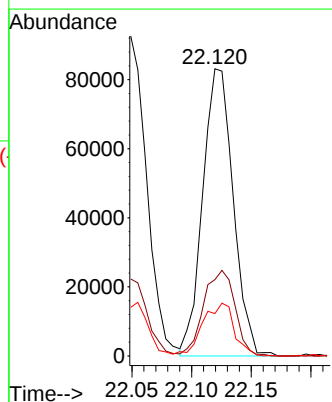
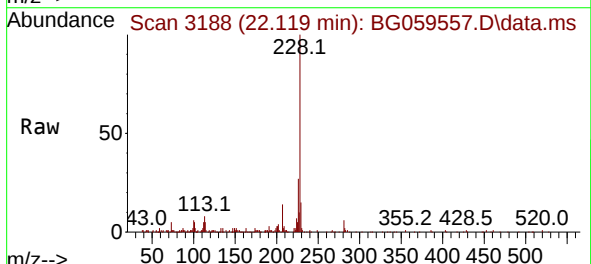
Manual Integrations
APPROVED

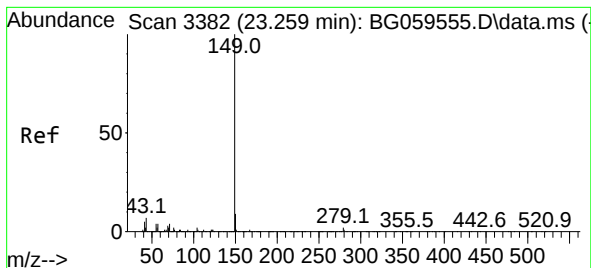
Reviewed By :Yogesh Patel 11/02/2023
Supervised By :mohammad ahmed 11/02/2023



#87
Chrysene
Concen: 3.602 ng/ul m
RT: 22.119 min Scan# 3188
Delta R.T. -0.014 min
Lab File: BG059557.D
Acq: 31 Oct 2023 10:51

Tgt Ion:228 Resp: 148284
Ion Ratio Lower Upper
228 100
226 26.6 21.0 31.4
229 14.8 15.1 22.7





#89

Di-n-octyl phthalate

Concen: 3.952 ng/ul

RT: 23.253 min Scan# 31

Delta R.T. -0.020 min

Lab File: BG059557.D

Acq: 31 Oct 2023 10:51

Instrument :

BNA_G

ClientSampleId :

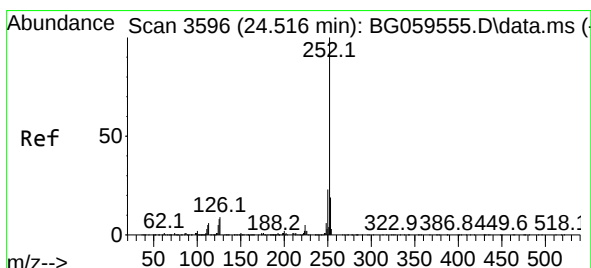
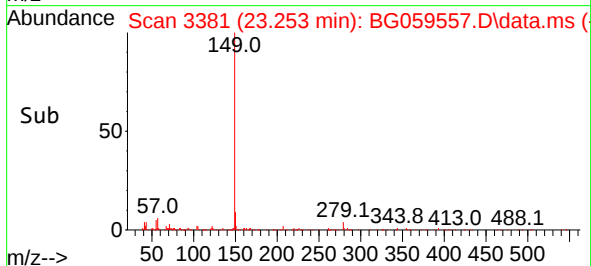
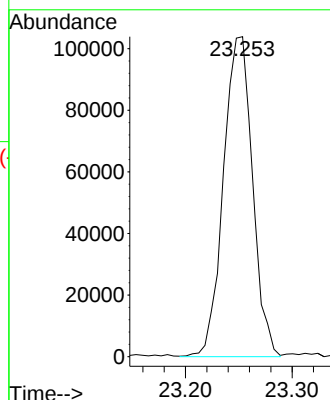
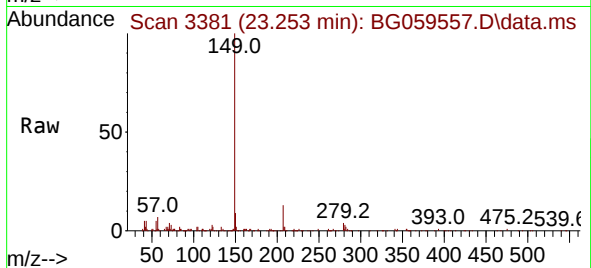
MDL-WATER-QT4-2023-08

Tgt Ion:149 Resp: 19695

Manual Integrations
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Reviewed By :Yogesh Patel 11/02/2023

Supervised By :mohammad ahmed 11/02/2023



#90

Benzo(b)fluoranthene

Concen: 3.770 ng/ul

RT: 24.505 min Scan# 3594

Delta R.T. -0.020 min

Lab File: BG059557.D

Acq: 31 Oct 2023 10:51

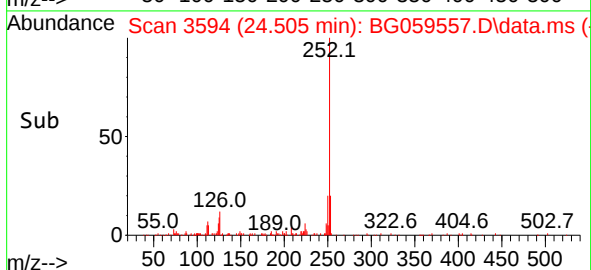
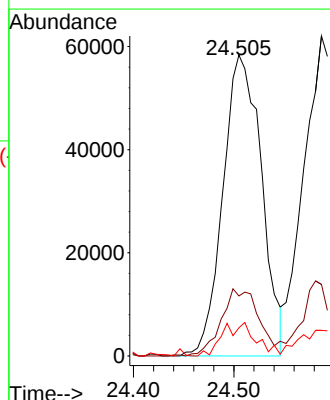
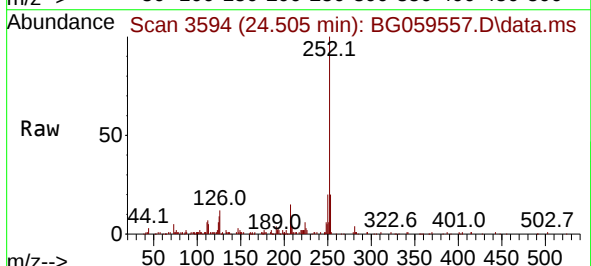
Tgt Ion:252 Resp: 155576

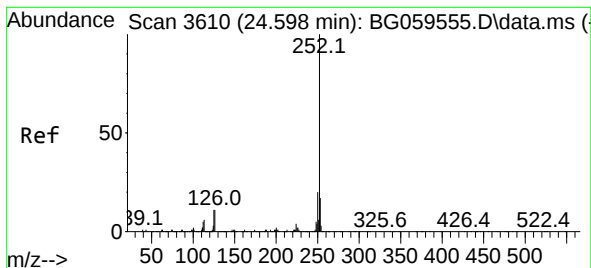
Ion Ratio Lower Upper

252 100

253 19.9 17.8 26.8

125 9.4 8.6 13.0





#91

Benzo(k)fluoranthene

Concen: 3.687 ng/ul

RT: 24.587 min Scan# 3608

Delta R.T. -0.014 min

Lab File: BG059557.D

Acq: 31 Oct 2023 10:51

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-QT4-2023-08

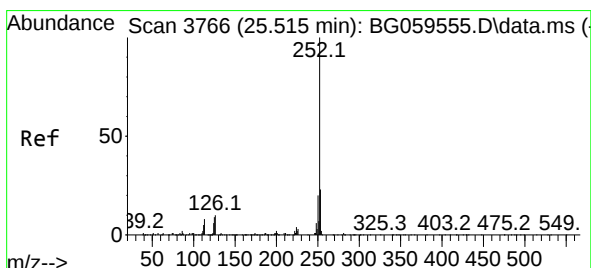
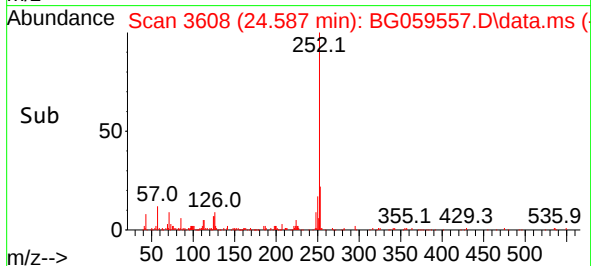
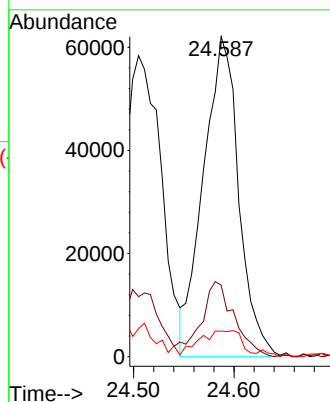
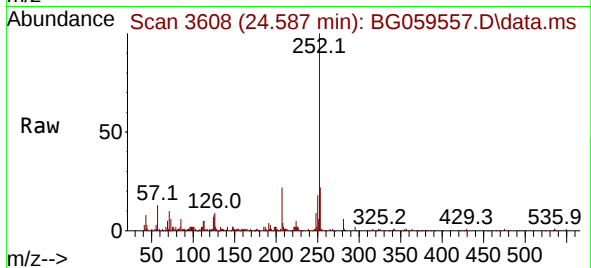
Tgt Ion:252	Resp: 15198
Ion Ratio	Lower Upper
252	100
253	22.3 17.9 26.9
125	8.0 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/02/2023

Supervised By :mohammad ahmed 11/02/2023



#93

Benzo(a)pyrene

Concen: 3.615 ng/ul

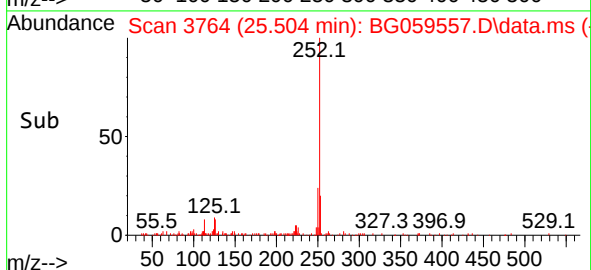
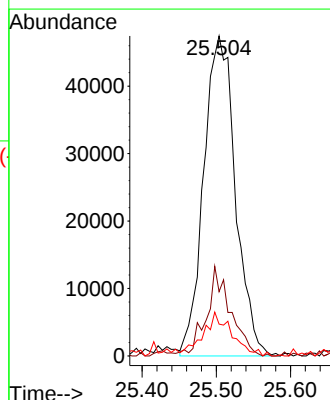
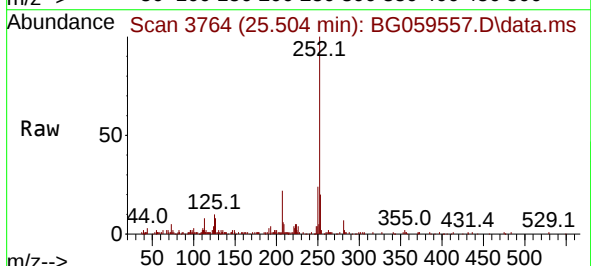
RT: 25.504 min Scan# 3764

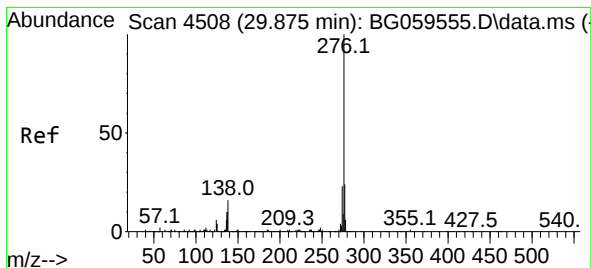
Delta R.T. -0.014 min

Lab File: BG059557.D

Acq: 31 Oct 2023 10:51

Tgt Ion:252	Resp: 140985
Ion Ratio	Lower Upper
252	100
253	20.1 18.5 27.7
125	10.0 7.6 11.4





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.623 ng/ul m

RT: 29.863 min Scan# 4

Delta R.T. -0.026 min

Lab File: BG059557.D

Acq: 31 Oct 2023 10:51

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-QT4-2023-08

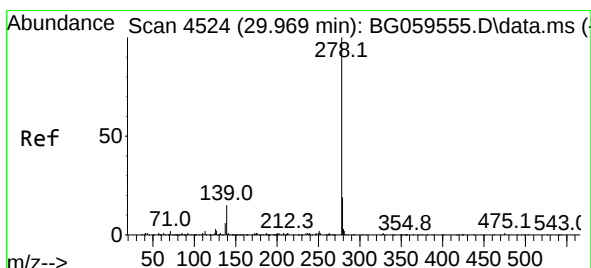
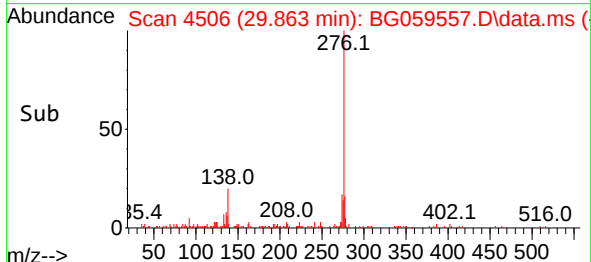
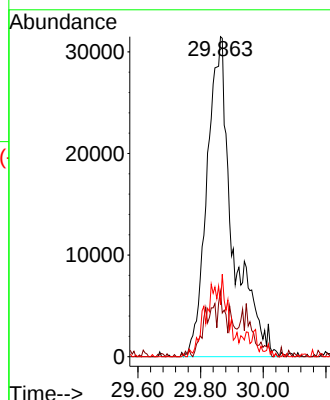
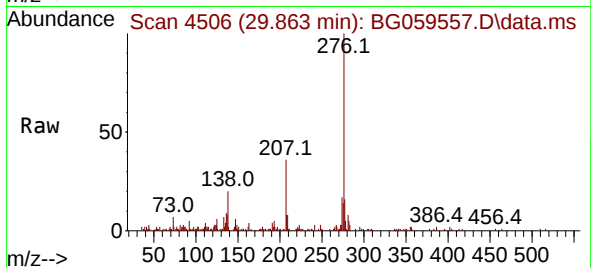
Tgt Ion:	276	Resp:	17911
Ion Ratio	Lower	Upper	
276	100		
138	20.5	15.3	22.9
277	16.2	16.4	24.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/02/2023

Supervised By :mohammad ahmed 11/02/2023



#95

Dibenzo(a,h)anthracene

Concen: 3.619 ng/ul m

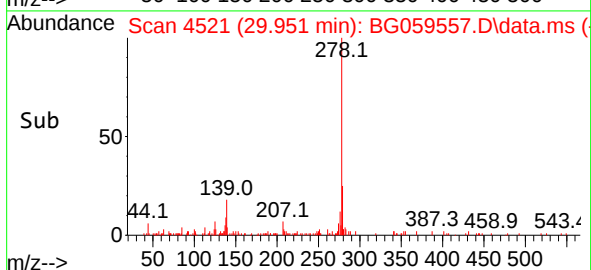
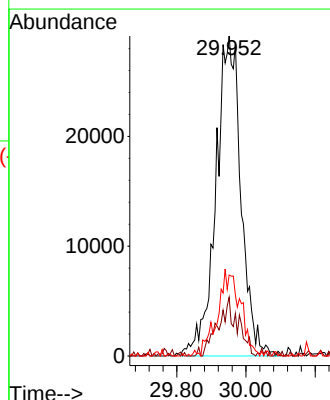
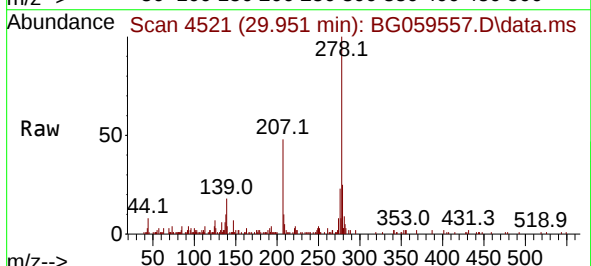
RT: 29.951 min Scan# 4521

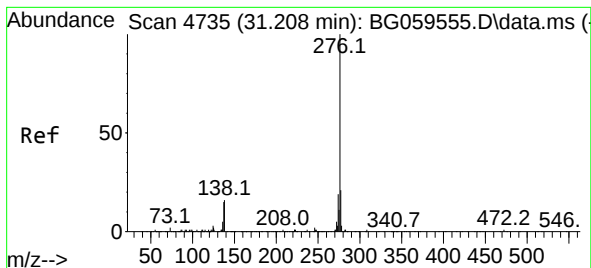
Delta R.T. -0.031 min

Lab File: BG059557.D

Acq: 31 Oct 2023 10:51

Tgt Ion:	278	Resp:	147754
Ion Ratio	Lower	Upper	
278	100		
139	18.3	11.0	16.6
279	25.3	18.3	27.5





#96

Benzo(g,h,i)perylene

Concen: 3.652 ng/ul m

RT: 31.174 min Scan# 4

Delta R.T. -0.043 min

Lab File: BG059557.D

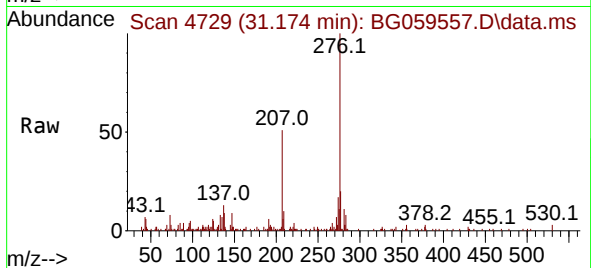
Acq: 31 Oct 2023 10:51

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-QT4-2023-08



Tgt Ion:276 Resp: 147749

Ion Ratio Lower Upper

276 100

138 9.4 16.2 24.2

277 20.0 18.2 27.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/02/2023

Supervised By :mohammad ahmed 11/02/2023

