

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101623\
 Data File : BG059451.D
 Acq On : 16 Oct 2023 10:46
 Operator : MA/JU
 Sample : 02215-02
 Misc : SFAM-MDL=WATER-02
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-QT2-2023-04

Quant Time: Oct 16 11:23:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG101223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 12 17:05:49 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/17/2023
 Supervised By :mohammad ahmed 10/18/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.220	152	31986	20.000	ng/ul	0.00
20) Naphthalene-d8	11.064	136	149487	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.859	164	97405	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.603	188	236052	20.000	ng/ul	0.00
79) Chrysene-d12	21.910	240	245132	20.000	ng/ul	0.00
88) Perylene-d12	25.382	264	289162	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.514	96	5458	5.351	ng/uL	0.00
4) Pyridine-d5	3.943	84	66295	23.748	ng/ul	0.00
7) Phenol-d5	7.344	99	77739	22.197	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.538	67	47322	23.709	ng/ul	0.00
11) 2-Chlorophenol-d4	7.738	132	60637	24.333	ng/ul	0.00
15) 4-Methylphenol-d8	8.907	113	57082	21.376	ng/ul	0.00
21) Nitrobenzene-d5	9.413	128	30342	24.578	ng/ul	0.00
24) 2-Nitrophenol-d4	10.135	143	30941	25.675	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.658	165	55077	21.993	ng/ul	0.00
31) 4-Chloroaniline-d4	11.205	131	82912	20.862	ng/ul	0.00
46) Dimethylphthalate-d6	14.248	166	187755	22.751	ng/ul	0.00
49) Acenaphthylene-d8	14.560	160	223571	22.468	ng/ul	0.00
54) 4-Nitrophenol-d4	15.041	143	29750	20.870	ng/ul	0.00
60) Fluorene-d10	15.840	176	178240	22.945	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.952	200	29854	20.698	ng/ul	0.00
73) Anthracene-d10	17.703	188	281923	23.230	ng/ul	0.00
81) Pyrene-d10	19.983	212	341347	22.926	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.147	264	361287	22.822	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.549	88	1620	1.277	ng/uL#	77
5) Pyridine	3.966	79	10604	3.846	ng/ul#	54
6) Benzaldehyde	7.362	77	7113	4.620	ng/ul	83
8) Phenol	7.374	94	11918	3.415	ng/ul	90
10) Bis(2-Chloroethyl)ether	7.638	93	10047	3.673	ng/ul	87
12) 2-Chlorophenol	7.768	128	9676	3.783	ng/ul	89
13) 2-Methylphenol	8.649	108	9398	3.673	ng/ul#	78
14) 2,2'-oxybis(1-Chloropr...	8.719	45	21977	3.838	ng/ul#	96
16) Acetophenone	9.054	105	14740	3.678	ng/ul	98
17) N-Nitroso-di-n-propyla...	9.013	70	7699	4.189	ng/ul#	79
18) 4-Methylphenol	8.978	108	10181	3.672	ng/ul	95
19) Hexachloroethane	9.295	117	3385	3.437	ng/ul#	82
22) Nitrobenzene	9.460	77	10764	3.908	ng/ul#	85
23) Isophorone	9.959	82	21185	3.621	ng/ul#	98
25) 2-Nitrophenol	10.171	139	5231	3.968	ng/ul#	79
26) 2,4-Dimethylphenol	10.188	107	9600	3.479	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.447	93	13665	3.657	ng/ul#	92
29) 2,4-Dichlorophenol	10.688	162	9151	3.792	ng/ul	95
30) Naphthalene	11.111	128	34122	3.792	ng/ul#	96
32) 4-Chloroaniline	11.228	127	13029	3.492	ng/ul#	80
33) Hexachlorobutadiene	11.334	225	5749	3.601	ng/ul#	82
34) Caprolactam	12.015	113	2895m	3.396	ng/ul	
35) 4-Chloro-3-methylphenol	12.303	107	8347	3.386	ng/ul#	88
36) 2-Methylnaphthalene	12.697	142	20460	3.524	ng/ul	97

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Manual Integrations APPROVED

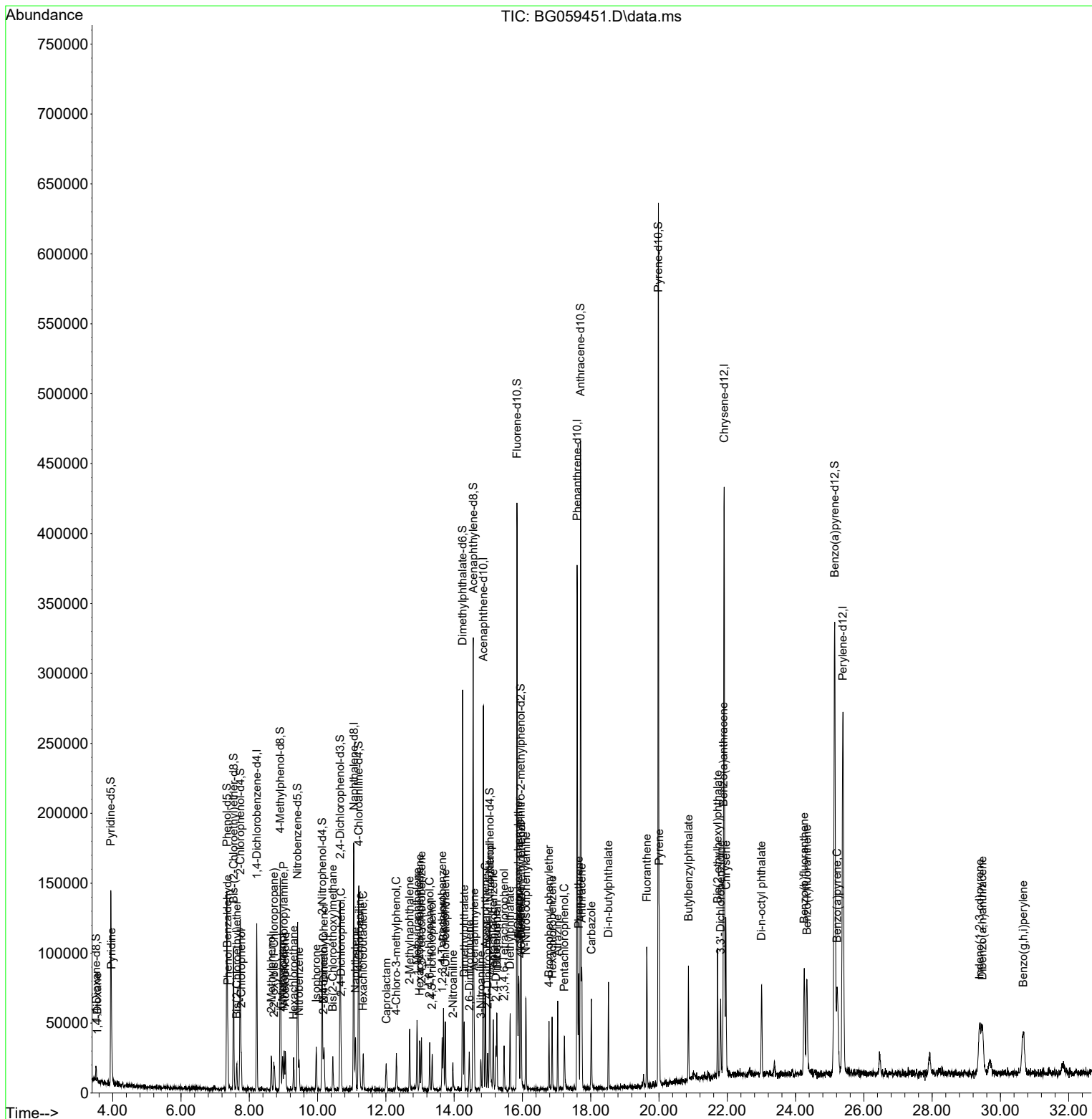
Reviewed By :Yogesh Patel 10/17/2023
 Supervised By :mohammad ahmed 10/18/2023

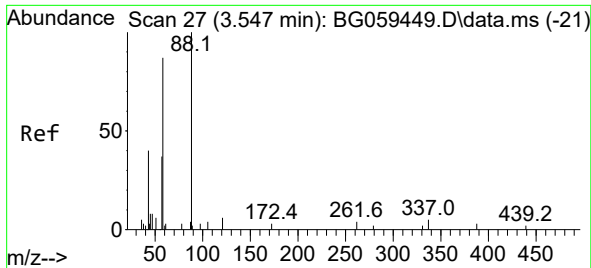
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.914	142	21689	3.669	ng/ul#	93
39) 1,2,4,5-Tetrachloroben...	13.044	216	11063	3.517	ng/ul	96
40) Hexachlorocyclopentadiene	12.991	237	9920	5.452	ng/ul#	74
41) 2,4,6-Trichlorophenol	13.285	196	6485	3.354	ng/ul	97
42) 2,4,5-Trichlorophenol	13.355	196	7994	3.757	ng/ul	87
43) 1,1'-Biphenyl	13.690	154	30393	3.489	ng/ul#	89
44) 2-Chloronaphthalene	13.743	162	22858	3.430	ng/ul	93
45) 2-Nitroaniline	13.966	65	5734	3.238	ng/ul	91
47) Dimethylphthalate	14.295	163	31255	3.779	ng/ul	99
48) 2,6-Dinitrotoluene	14.448	165	5470	3.591	ng/ul#	86
50) Acenaphthylene	14.589	152	38734	3.683	ng/ul#	92
51) 3-Nitroaniline	14.789	138	6392	3.959	ng/ul#	96
52) Acenaphthene	14.918	153	25789	3.584	ng/ul	98
53) 2,4-Dinitrophenol	14.983	184	5172	6.417	ng/ul#	77
55) 4-Nitrophenol	15.053	109	3995	3.984	ng/ul#	75
56) Dibenzofuran	15.253	168	36304	3.731	ng/ul	95
57) 2,4-Dinitrotoluene	15.223	165	7311	3.412	ng/ul#	81
58) 2,3,4,6-Tetrachlorophenol	15.464	232	6232	3.278	ng/ul#	97
59) Diethylphthalate	15.641	149	29468	3.687	ng/ul	98
61) Fluorene	15.899	166	30369	3.720	ng/ul#	90
62) 4-Chlorophenyl-phenyle...	15.882	204	15701	3.831	ng/ul#	89
63) 4-Nitroaniline	15.940	138	5927	3.792	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.970	198	5280	3.424	ng/ul#	98
67) N-Nitrosodiphenylamine	16.105	169	24612	3.567	ng/ul	93
68) 4-Bromophenyl-phenylether	16.775	248	8208	3.172	ng/ul	93
69) Hexachlorobenzene	16.874	284	10824	3.649	ng/ul#	90
70) Atrazine	17.033	200	9755	3.582	ng/ul	89
71) Pentachlorophenol	17.227	266	7586m	4.512	ng/ul	
72) Phenanthrene	17.650	178	53551	3.648	ng/ul	95
74) Anthracene	17.738	178	55663	3.679	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.649	216	10425	3.066	ng/uL#	86
76) Pentachlorobenzene	15.147	250	12023	3.655	ng/uL#	88
77) Carbazole	18.020	167	45011	3.457	ng/ul	99
78) Di-n-butylphthalate	18.520	149	54675	3.690	ng/ul#	97
80) Fluoranthene	19.642	202	65602	3.628	ng/ul#	96
82) Pyrene	20.006	202	72608	3.778	ng/ul#	96
83) Butylbenzylphthalate	20.864	149	22686	3.495	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.804	252	22477	3.537	ng/ul	92
85) Benzo(a)anthracene	21.886	228	72393m	3.743	ng/ul	
86) Bis(2-ethylhexyl)phtha...	21.716	149	34494	3.685	ng/ul	98
87) Chrysene	21.963	228	69012	3.787	ng/ul	99
89) Di-n-octyl phthalate	23.003	149	57525	3.362	ng/ul	100
90) Benzo(b)fluoranthene	24.254	252	70368m	3.583	ng/ul	
91) Benzo(k)fluoranthene	24.336	252	75293	3.740	ng/ul	94
93) Benzo(a)pyrene	25.218	252	68118	3.617	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	29.389	276	75159m	3.549	ng/ul	
95) Dibenzo(a,h)anthracene	29.471	278	59971m	3.426	ng/ul	
96) Benzo(g,h,i)perylene	30.670	276	61737m	3.590	ng/ul	

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

Manual Integrations

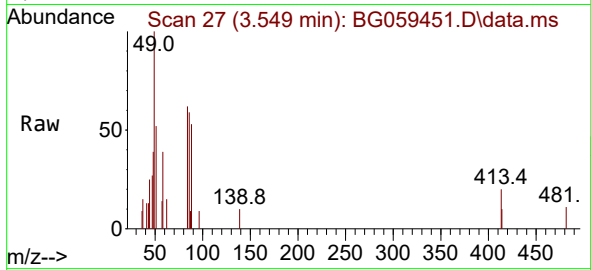
Quant Time: Oct 16 11:23:32 2023
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#2
1,4-Dioxane
Concen: 1.277 ng/uL
RT: 3.549 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG059451.D
Acq: 16 Oct 2023 10:46

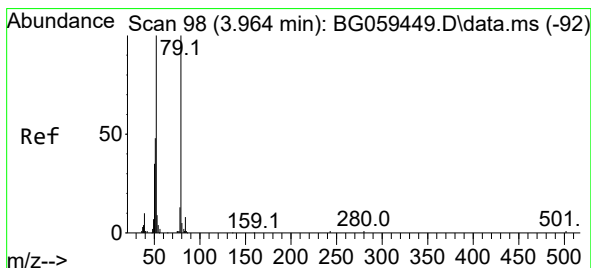
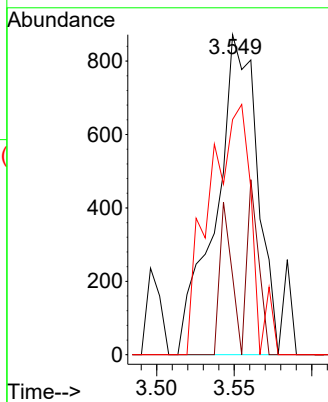
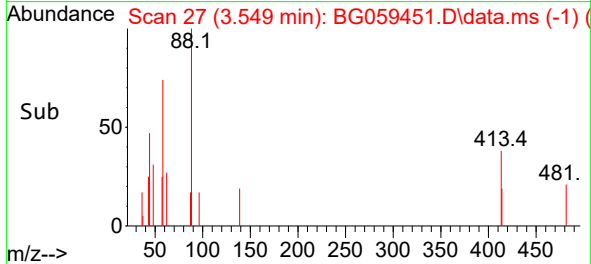
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-QT2-2023-04



Tgt Ion: 88 Resp: 1620
Ion Ratio Lower Upper
88 100
43 24.5 21.7 32.5
58 73.5 80.7 121.1

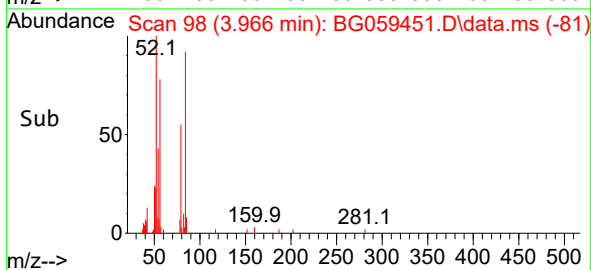
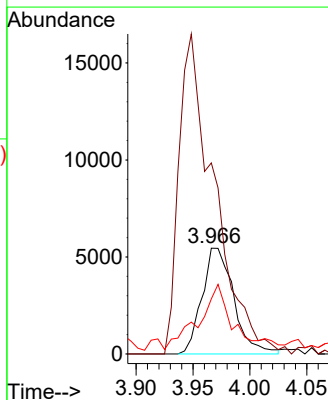
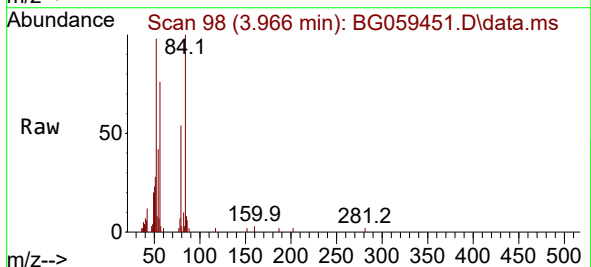
Manual Integrations
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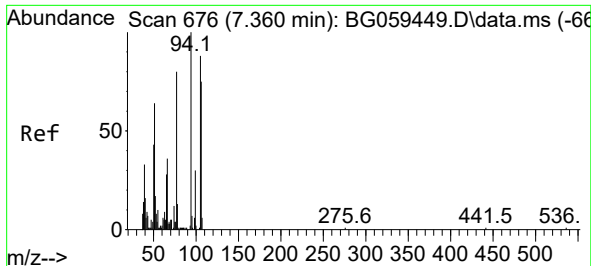
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#5
Pyridine
Concen: 3.846 ng/uL
RT: 3.966 min Scan# 98
Delta R.T. -0.001 min
Lab File: BG059451.D
Acq: 16 Oct 2023 10:46

Tgt Ion: 79 Resp: 10604
Ion Ratio Lower Upper
79 100
52 180.6 87.2 130.8
51 52.1 41.9 62.9





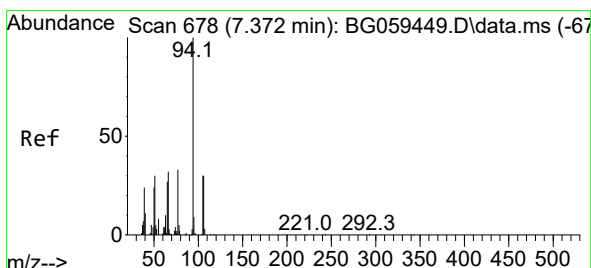
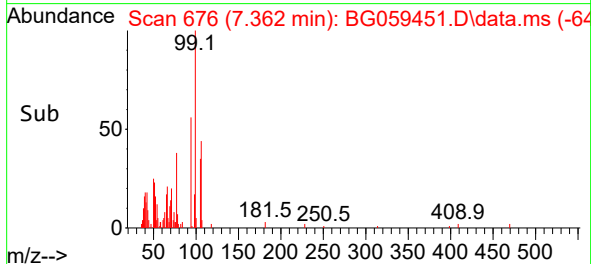
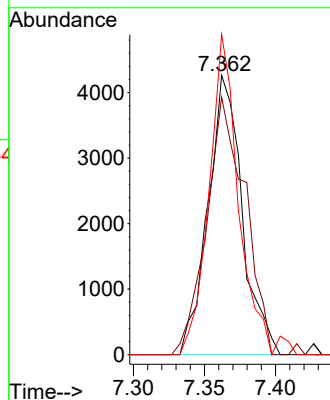
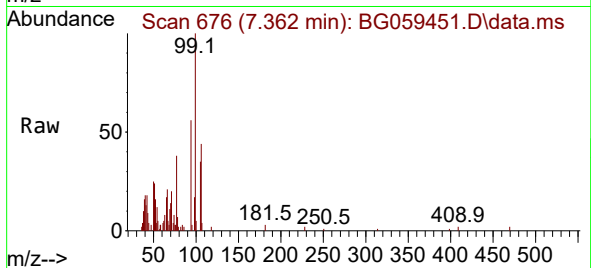
#6
Benzaldehyde
Concen: 4.620 ng/ul
RT: 7.362 min Scan# 676
Delta R.T. -0.001 min
Lab File: BG059451.D
Acq: 16 Oct 2023 10:46

Instrument : BNA_G
ClientSampleId : MDL-WATER-QT2-2023-04

Tgt Ion: 77 Resp: 711
Ion Ratio Lower Upper
77 100
105 92.2 90.0 135.0
106 114.6 80.3 120.5

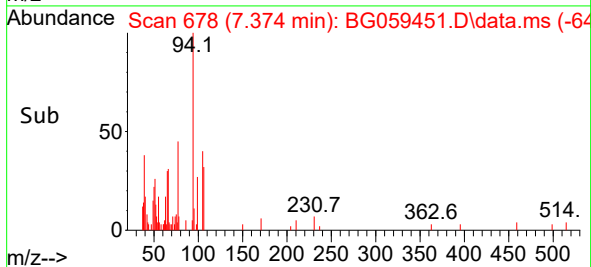
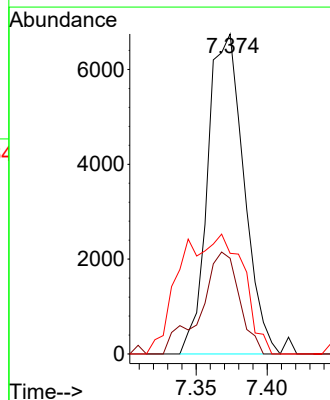
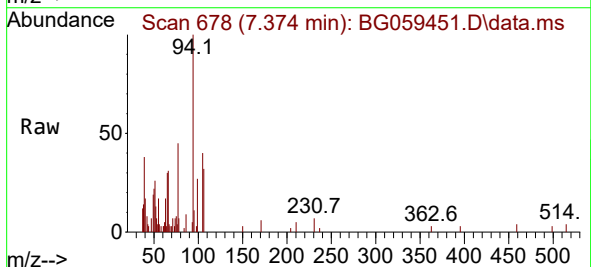
Manual Integrations
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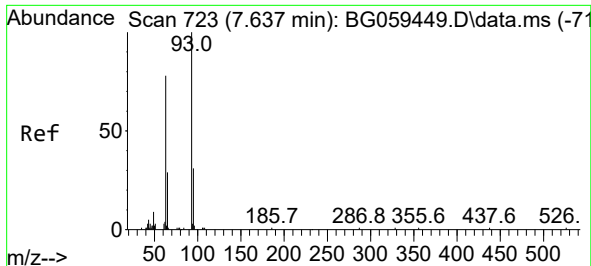
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#8
Phenol
Concen: 3.415 ng/ul
RT: 7.374 min Scan# 678
Delta R.T. -0.001 min
Lab File: BG059451.D
Acq: 16 Oct 2023 10:46

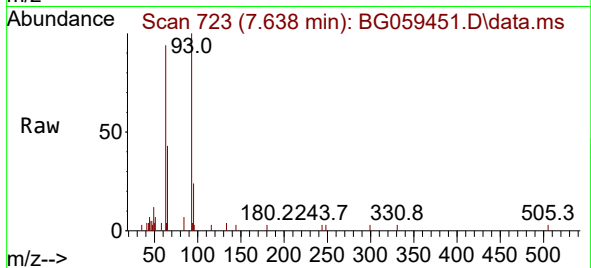
Tgt Ion: 94 Resp: 11918
Ion Ratio Lower Upper
94 100
65 29.9 20.9 31.3
66 31.5 31.1 46.7





#10
Bis(2-Chloroethyl)ether
Concen: 3.673 ng/ul
RT: 7.638 min Scan# 71
Delta R.T. 0.005 min
Lab File: BG059451.D
Acq: 16 Oct 2023 10:46

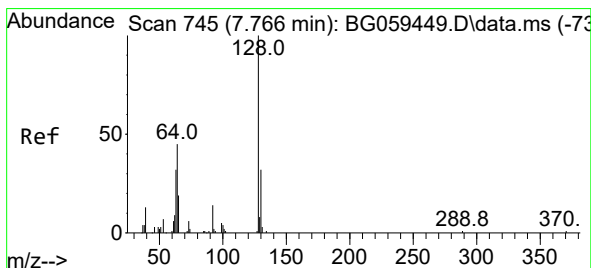
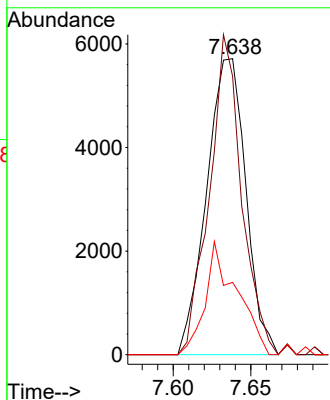
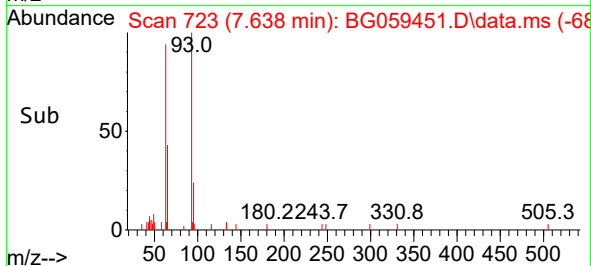
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-QT2-2023-04



Tgt Ion: 93 Resp: 1004
Ion Ratio Lower Upper
93 100
63 94.1 65.4 98.0
95 24.5 23.8 35.6

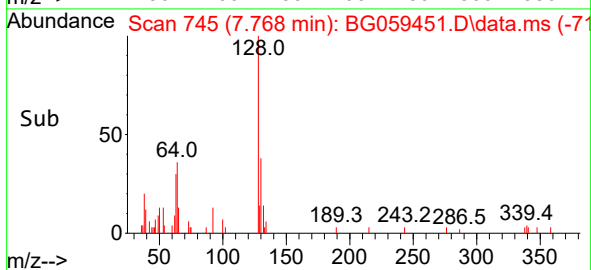
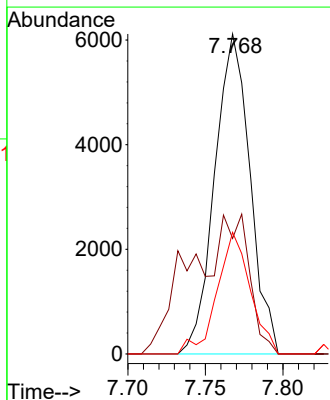
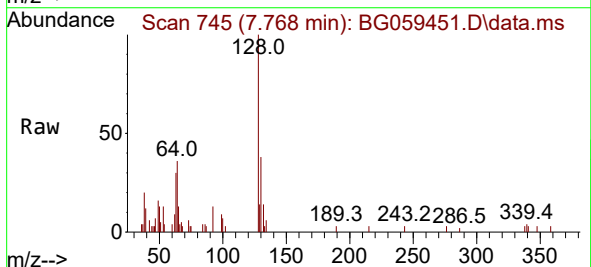
Manual Integrations
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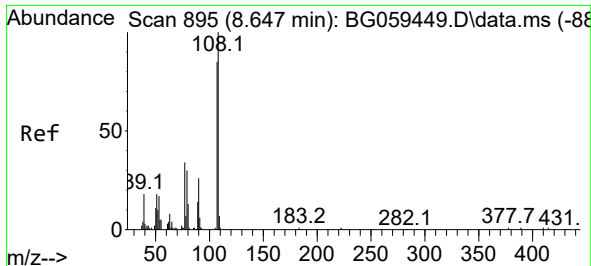
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#12
2-Chlorophenol
Concen: 3.783 ng/ul
RT: 7.768 min Scan# 745
Delta R.T. -0.001 min
Lab File: BG059451.D
Acq: 16 Oct 2023 10:46

Tgt Ion:128 Resp: 9676
Ion Ratio Lower Upper
128 100
64 36.1 35.6 53.4
130 38.0 26.2 39.4





#13

2-Methylphenol

Concen: 3.673 ng/ul

RT: 8.649 min Scan# 895

Delta R.T. 0.005 min

Lab File: BG059451.D

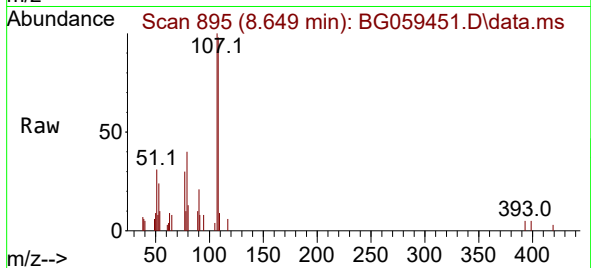
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Instrument :

BNA_G

ClientSampleId :

MDL-WATER-QT2-2023-04



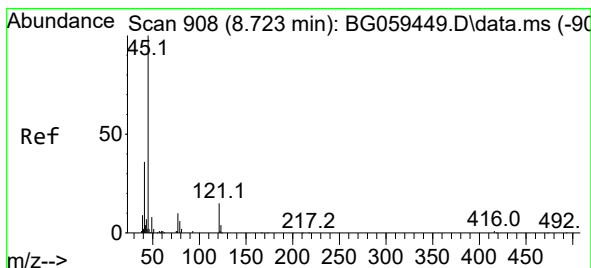
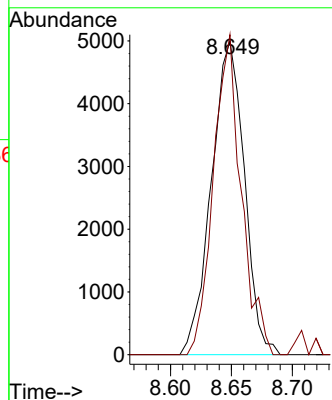
Tgt Ion:	108	Resp:	9398
Ion Ratio	Lower	Upper	
108	100		
107	102.1	65.9	98.9

Manual Integrations

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Supervised By :mohammad ahmed 10/18/2023



#14

2,2'-oxybis(1-Chloropropane)

Concen: 3.838 ng/ul

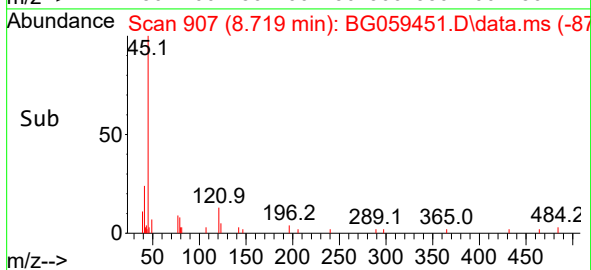
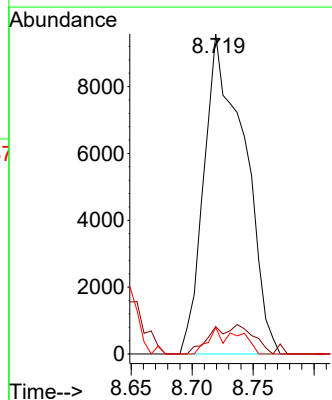
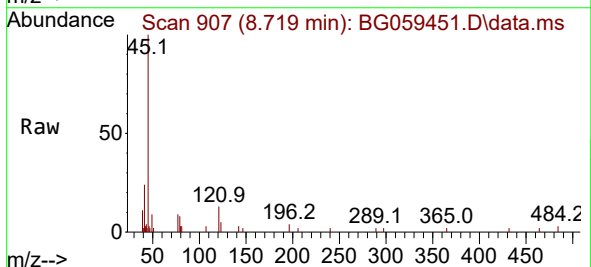
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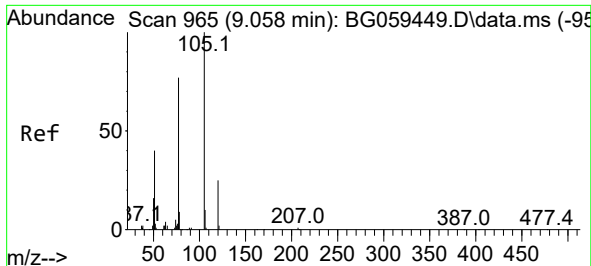
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Lab File: BG059451.D

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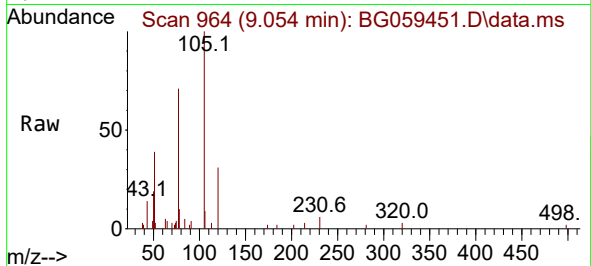
Tgt Ion:	45	Resp:	21977
Ion Ratio	Lower	Upper	
45	100		
77	8.6	6.8	10.2
79	8.3	3.8	5.8





#16
Acetophenone
Concen: 3.678 ng/ul
RT: 9.054 min Scan# 90
Delta R.T. -0.007 min
Lab File: BG059451.D
Acq: 16 Oct 2023 10:46

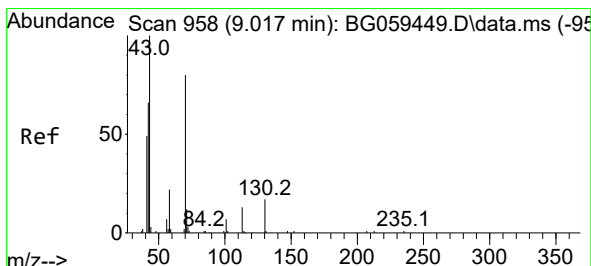
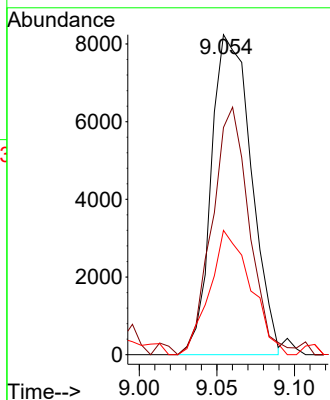
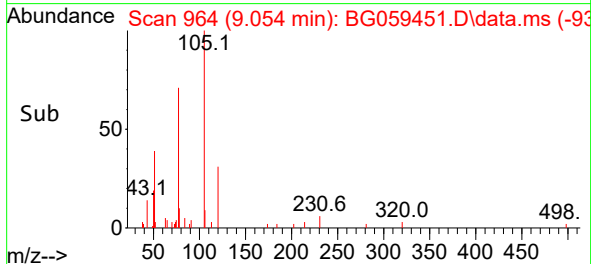
Instrument : BNA_G
ClientSampleId :
MDL-WATER-QT2-2023-04



Tgt Ion:105 Resp: 14740
Ion Ratio Lower Upper
105 100
77 71.0 57.7 86.5
51 38.9 29.7 44.5

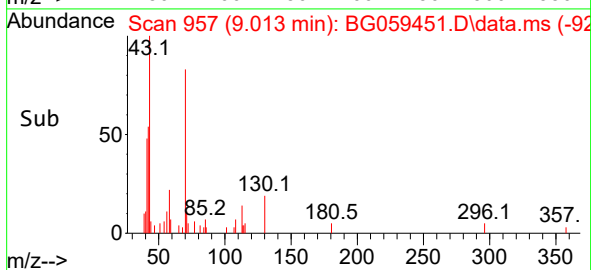
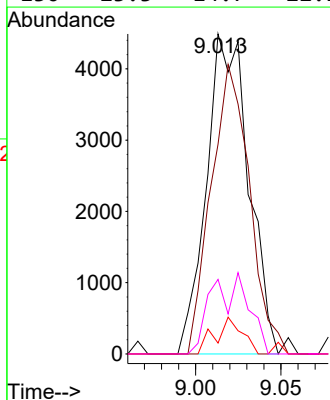
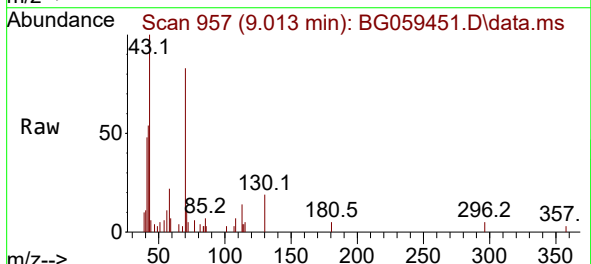
Manual Integrations
APPROVED

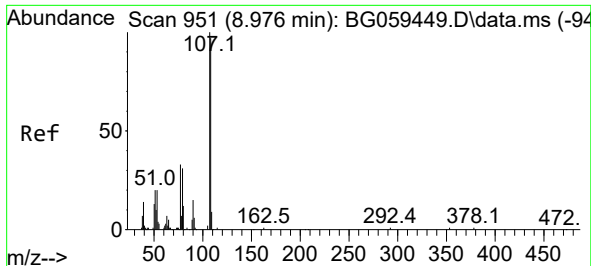
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#17
N-Nitroso-di-n-propylamine
Concen: 4.189 ng/ul
RT: 9.013 min Scan# 957
Delta R.T. -0.013 min
Lab File: BG059451.D
Acq: 16 Oct 2023 10:46

Tgt Ion: 70 Resp: 7699
Ion Ratio Lower Upper
70 100
42 65.5 70.0 105.0#
101 3.4 7.2 10.8#
130 23.3 14.7 22.1#





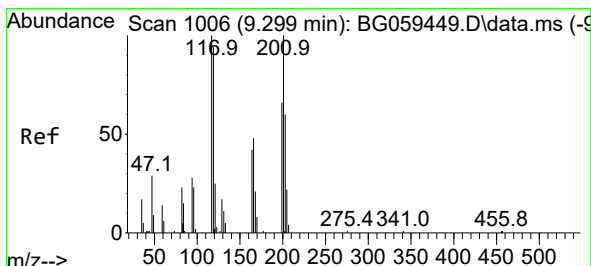
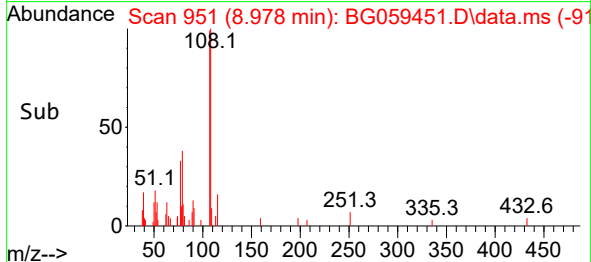
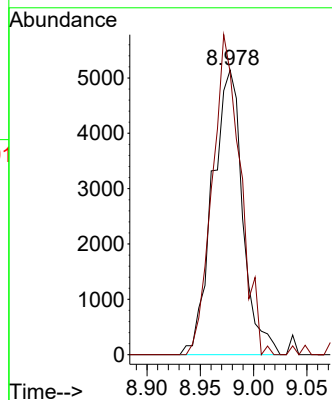
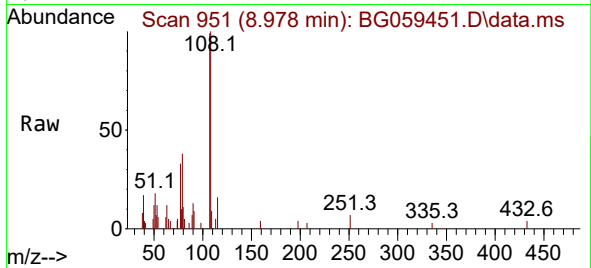
#18
4-Methylphenol
Concen: 3.672 ng/ul
RT: 8.978 min Scan# 91
Delta R.T. -0.001 min
Lab File: BG059451.D
Acq: 16 Oct 2023 10:46

Instrument : BNA_G
ClientSampleId :
MDL-WATER-QT2-2023-04

Tgt Ion:108 Resp: 1018
Ion Ratio Lower Upper
108 100
107 99.3 83.4 125.2

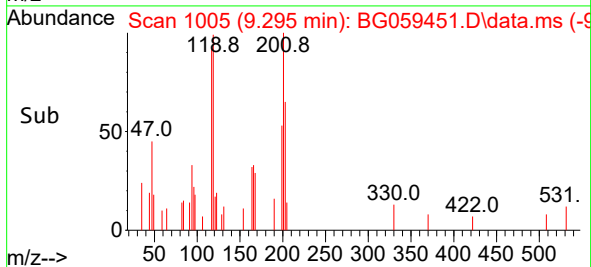
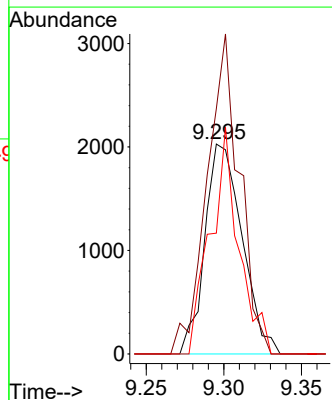
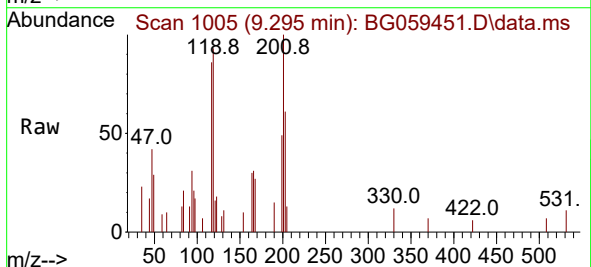
Manual Integrations
APPROVED

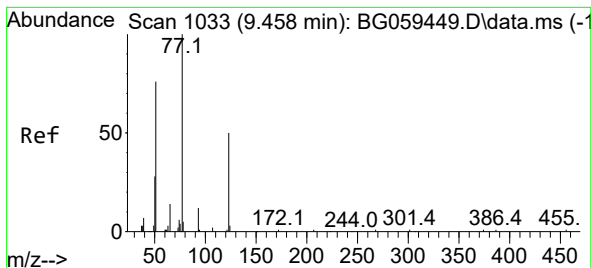
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#19
Hexachloroethane
Concen: 3.437 ng/ul
RT: 9.295 min Scan# 1005
Delta R.T. -0.007 min
Lab File: BG059451.D
Acq: 16 Oct 2023 10:46

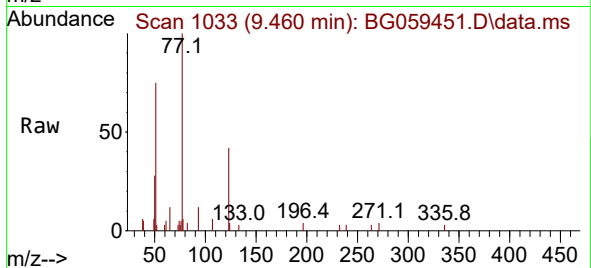
Tgt Ion:117 Resp: 3385
Ion Ratio Lower Upper
117 100
201 116.9 97.4 146.2
199 57.5 73.6 110.4#





#22
Nitrobenzene
Concen: 3.908 ng/ul
RT: 9.460 min Scan# 1076
Delta R.T. -0.001 min
Lab File: BG059451.D
Acq: 16 Oct 2023 10:46

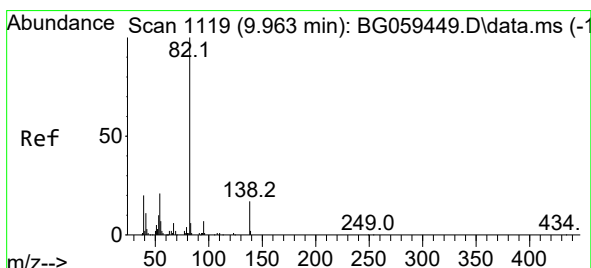
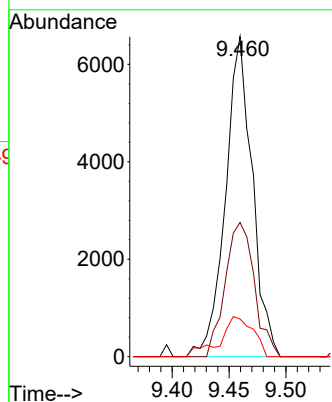
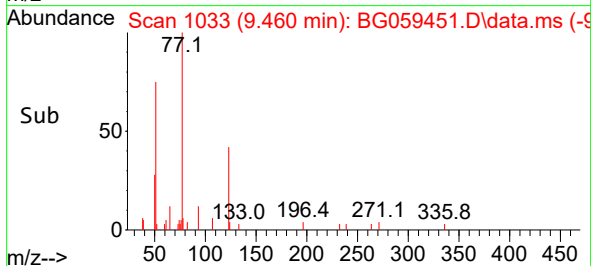
Instrument : BNA_G
ClientSampleId : MDL-WATER-QT2-2023-04



Tgt Ion: 77 Resp: 1076
Ion Ratio Lower Upper
77 100
123 41.9 43.5 65.3
65 11.8 12.1 18.1

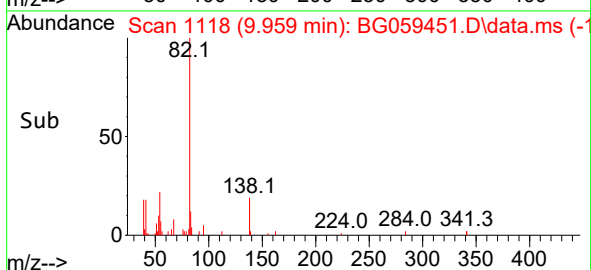
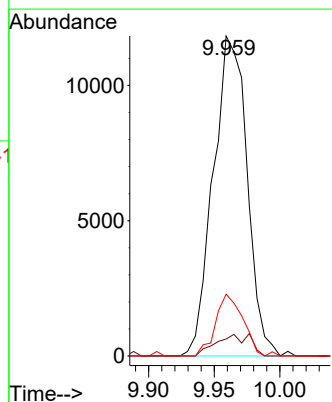
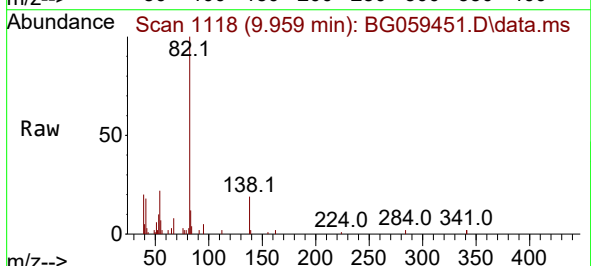
Manual Integrations
APPROVED

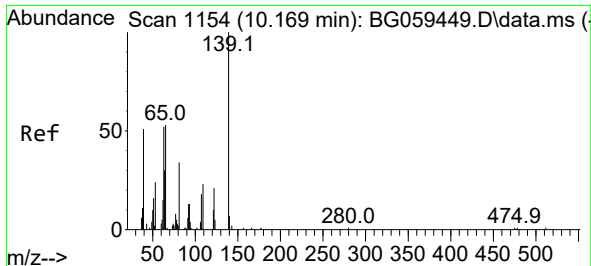
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#23
Isophorone
Concen: 3.621 ng/ul
RT: 9.959 min Scan# 1118
Delta R.T. -0.007 min
Lab File: BG059451.D
Acq: 16 Oct 2023 10:46

Tgt Ion: 82 Resp: 21185
Ion Ratio Lower Upper
82 100
95 5.3 6.1 9.1#
138 19.3 15.5 23.3





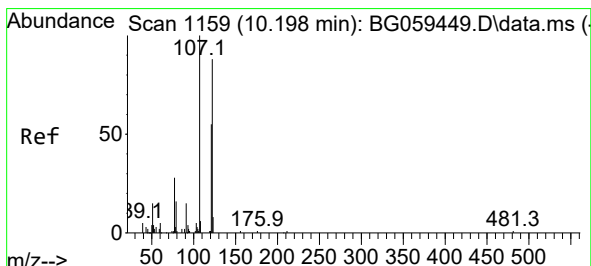
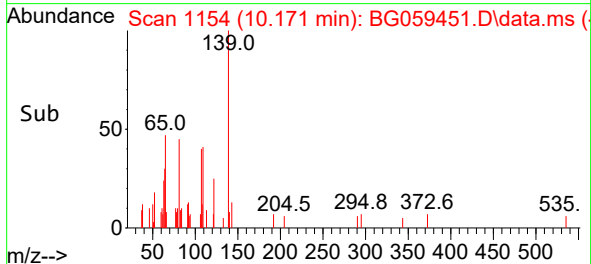
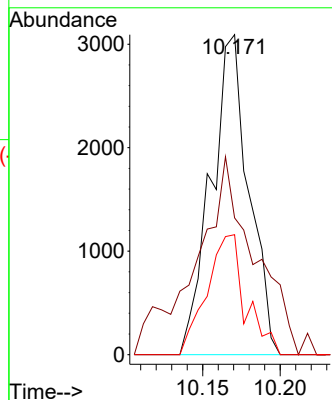
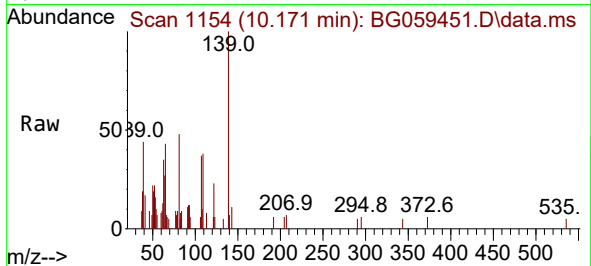
#25
2-Nitrophenol
Concen: 3.968 ng/ul
RT: 10.171 min Scan# 1154
Delta R.T. 0.005 min
Lab File: BG059451.D
Acq: 16 Oct 2023 10:46

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-QT2-2023-04

Tgt Ion:	139	Resp:	523
Ion Ratio	Lower	Upper	
139	100		
65	42.7	49.4	74.0
109	37.5	23.9	35.9

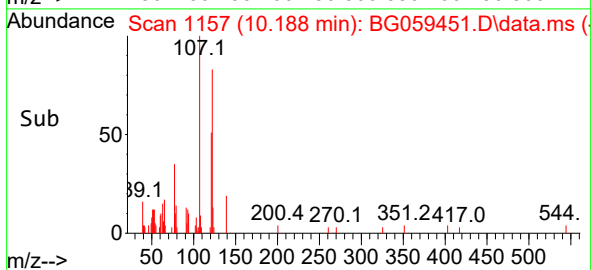
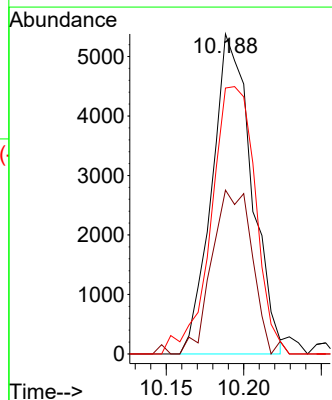
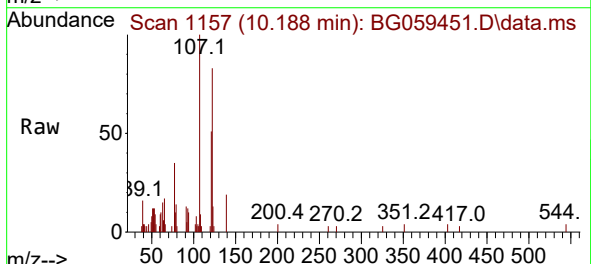
Manual Integrations
APPROVED

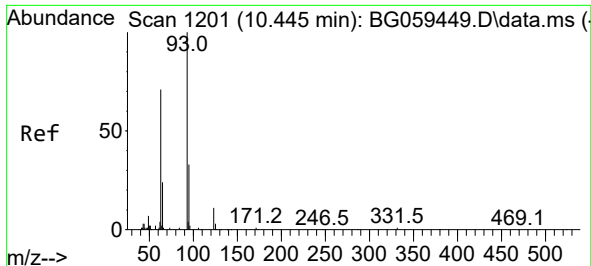
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#26
2,4-Dimethylphenol
Concen: 3.479 ng/ul
RT: 10.188 min Scan# 1157
Delta R.T. -0.007 min
Lab File: BG059451.D
Acq: 16 Oct 2023 10:46

Tgt Ion:	107	Resp:	9600
Ion Ratio	Lower	Upper	
107	100		
121	51.2	44.0	66.0
122	83.1	65.1	97.7





#27

Bis(2-Chloroethoxy)methane

Concen: 3.657 ng/ul

RT: 10.447 min Scan# 1201

Delta R.T. -0.001 min

Lab File: BG059451.D

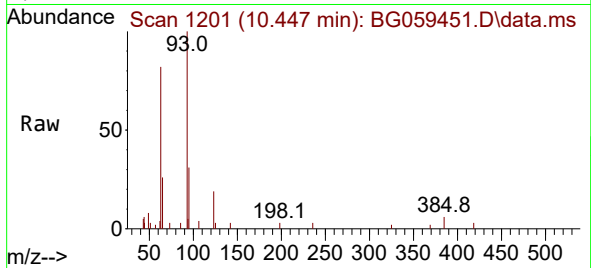
Acq: 16 Oct 2023 10:46

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-QT2-2023-04



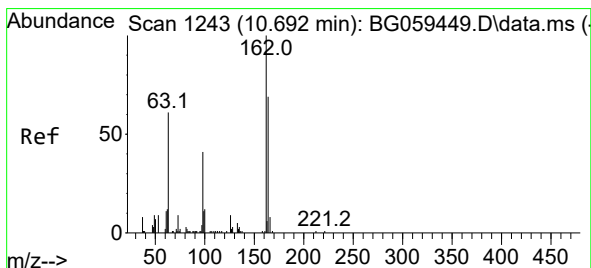
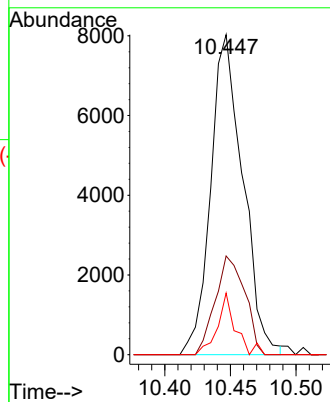
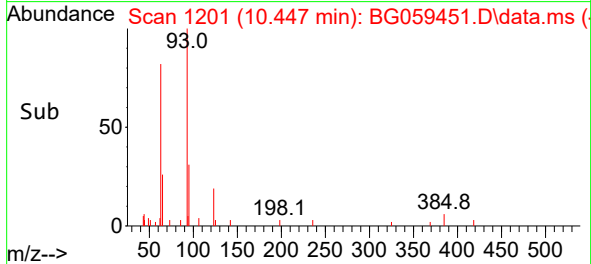
Tgt Ion: 93	Resp: 1366
Ion Ratio	Lower Upper
93	100
95	30.8 26.1 39.1
123	19.2 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#29

2,4-Dichlorophenol

Concen: 3.792 ng/ul

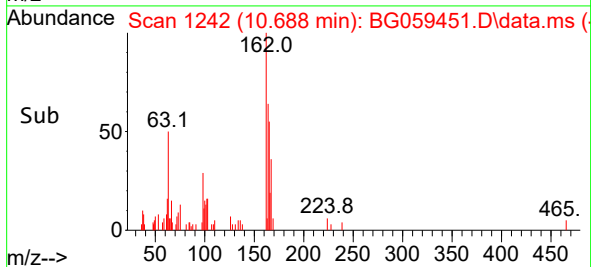
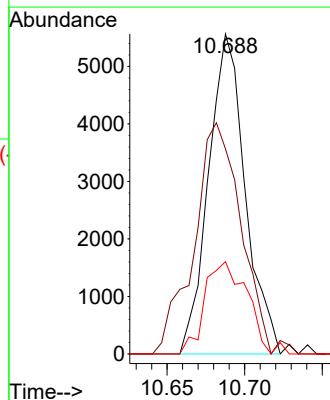
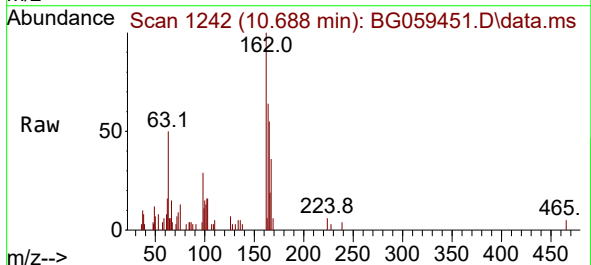
RT: 10.688 min Scan# 1242

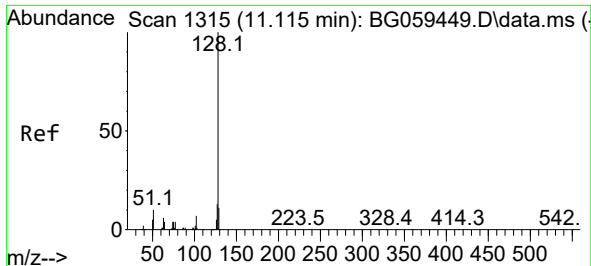
Delta R.T. -0.001 min

Lab File: BG059451.D

Acq: 16 Oct 2023 10:46

Tgt Ion:162	Resp: 9151
Ion Ratio	Lower Upper
162	100
164	64.1 53.5 80.3
98	28.8 26.2 39.4





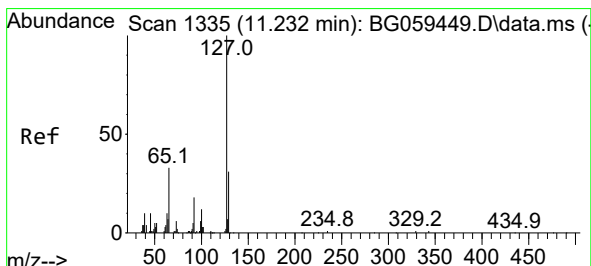
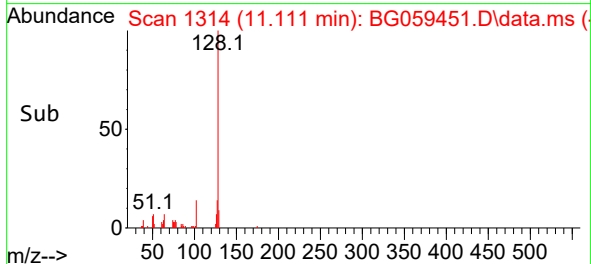
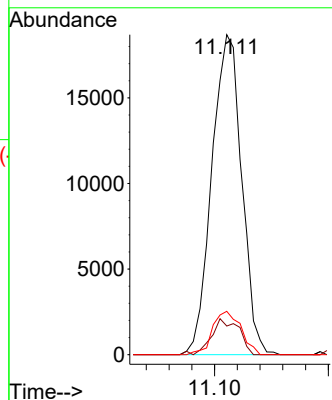
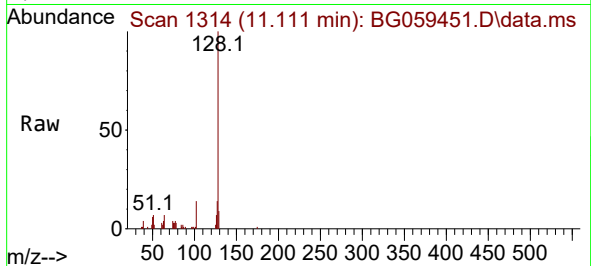
#30
Naphthalene
Concen: 3.792 ng/ul
RT: 11.111 min Scan# 1314
Delta R.T. -0.001 min
Lab File: BG059451.D
Acq: 16 Oct 2023 10:46

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-QT2-2023-04

Tgt Ion:128 Resp: 3412
Ion Ratio Lower Upper
128 100
129 9.0 9.4 14.0
127 13.6 10.4 15.6

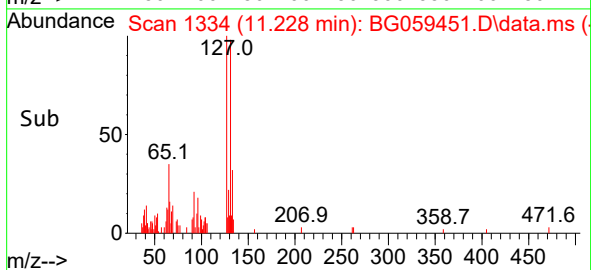
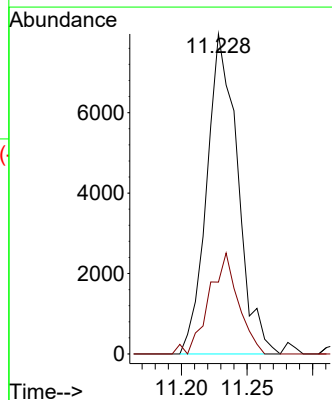
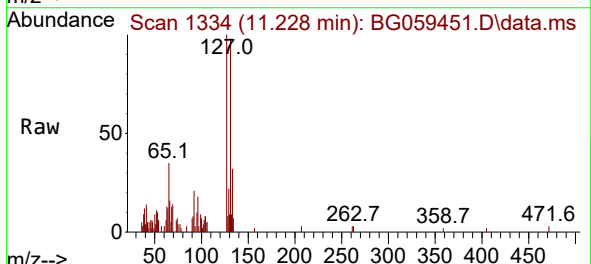
Manual Integrations
APPROVED

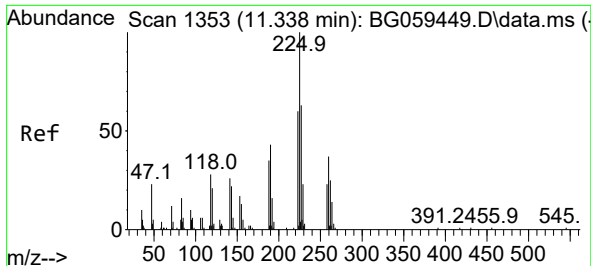
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#32
4-Chloroaniline
Concen: 3.492 ng/ul
RT: 11.228 min Scan# 1334
Delta R.T. -0.001 min
Lab File: BG059451.D
Acq: 16 Oct 2023 10:46

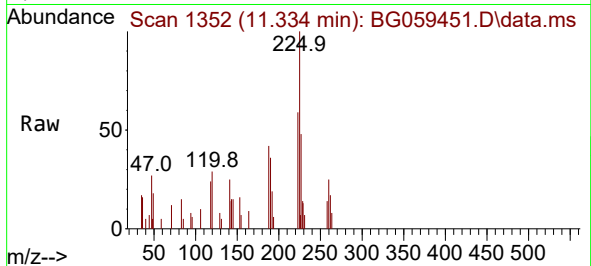
Tgt Ion:127 Resp: 13029
Ion Ratio Lower Upper
127 100
129 22.4 27.0 40.6





#33
Hexachlorobutadiene
Concen: 3.601 ng/ul
RT: 11.334 min Scan# 1353
Delta R.T. -0.001 min
Lab File: BG059451.D
Acq: 16 Oct 2023 10:46

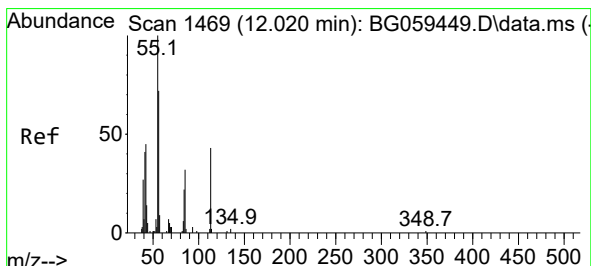
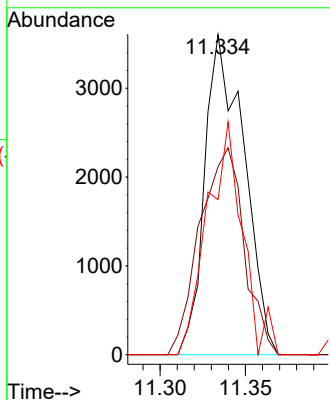
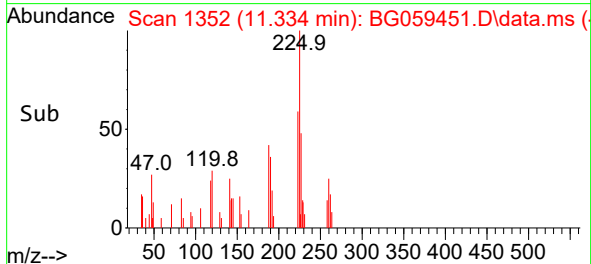
Instrument : BNA_G
ClientSampleId : MDL-WATER-QT2-2023-04



Tgt Ion:225 Resp: 5749
Ion Ratio Lower Upper
225 100
223 58.8 52.4 78.6
227 48.4 55.8 83.8

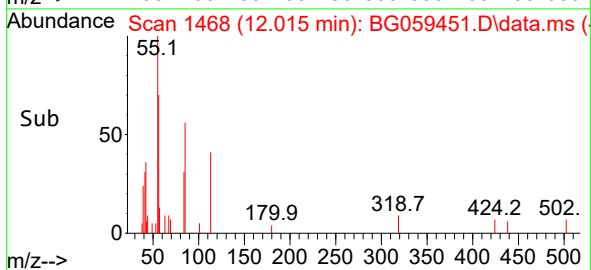
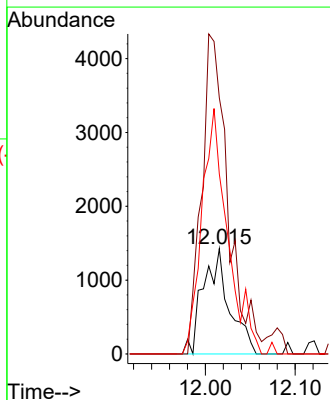
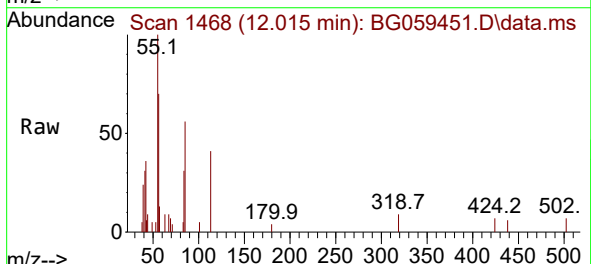
Manual Integrations
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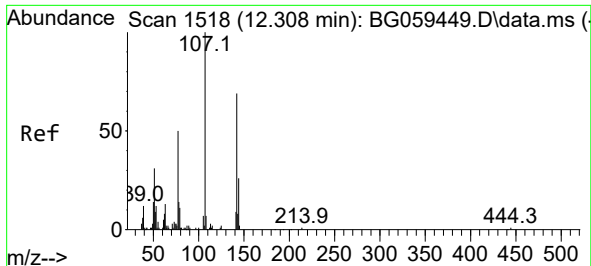
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#34
Caprolactam
Concen: 3.396 ng/ul m
RT: 12.015 min Scan# 1468
Delta R.T. 0.005 min
Lab File: BG059451.D
Acq: 16 Oct 2023 10:46

Tgt Ion:113 Resp: 2895
Ion Ratio Lower Upper
113 100
55 243.3 174.3 261.5
56 170.9 130.2 195.2





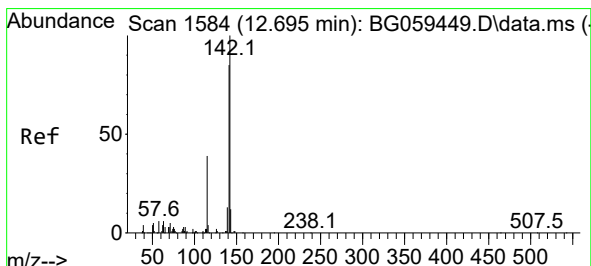
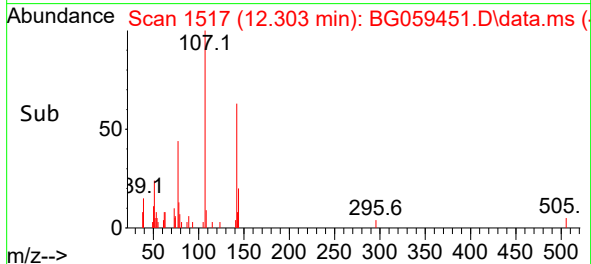
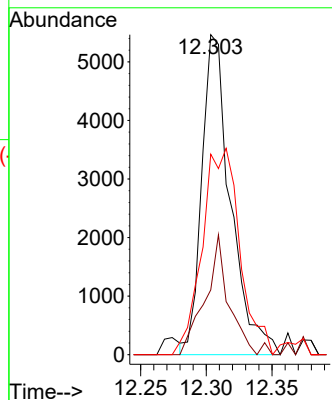
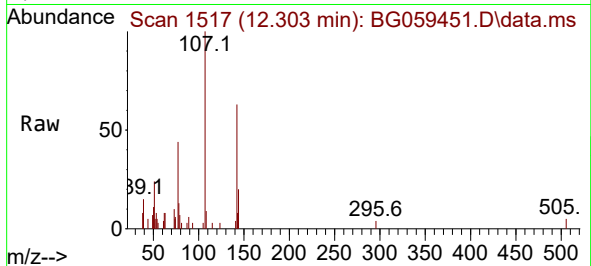
#35
4-Chloro-3-methylphenol
Concen: 3.386 ng/ul
RT: 12.303 min Scan# 1517
Delta R.T. -0.012 min
Lab File: BG059451.D
Acq: 16 Oct 2023 10:46

Instrument : BNA_G
ClientSampleId : MDL-WATER-QT2-2023-04

Tgt Ion:107 Resp: 834
Ion Ratio Lower Upper
107 100
144 20.3 23.0 34.6
142 62.7 57.4 86.0

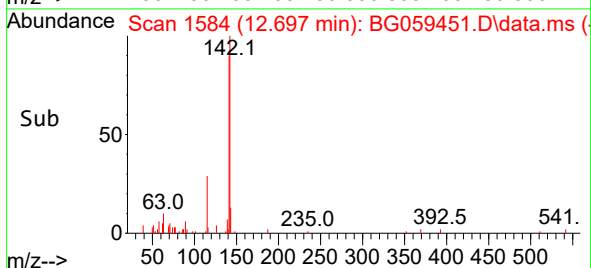
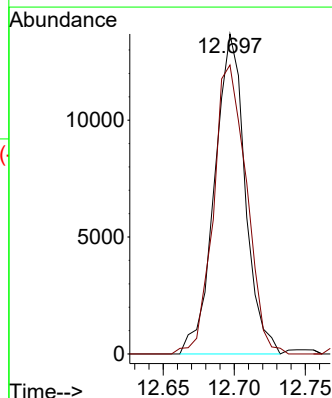
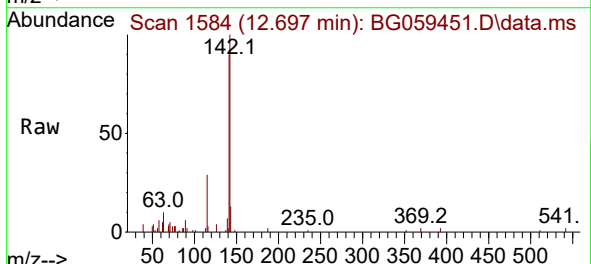
Manual Integrations
APPROVED

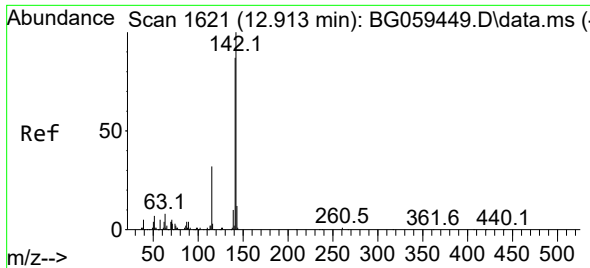
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#36
2-Methylnaphthalene
Concen: 3.524 ng/ul
RT: 12.697 min Scan# 1584
Delta R.T. -0.001 min
Lab File: BG059451.D
Acq: 16 Oct 2023 10:46

Tgt Ion:142 Resp: 20460
Ion Ratio Lower Upper
142 100
141 90.3 70.0 105.0





#37

1-Methylnaphthalene

Concen: 3.669 ng/ul

RT: 12.914 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG059451.D

Acq: 16 Oct 2023 10:46

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-QT2-2023-04

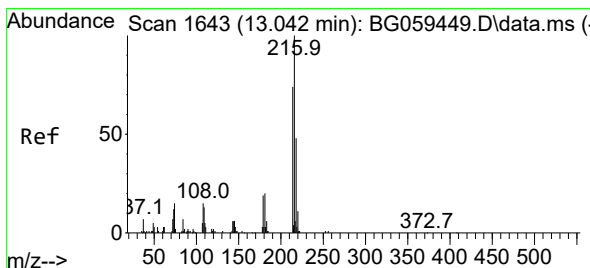
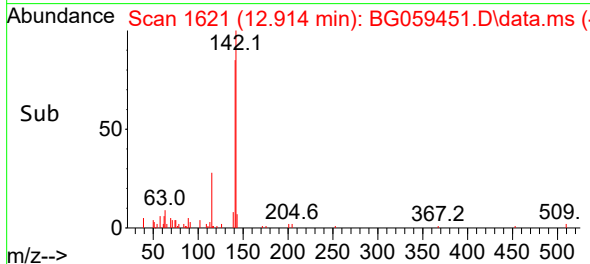
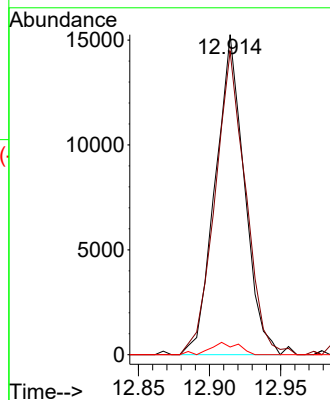
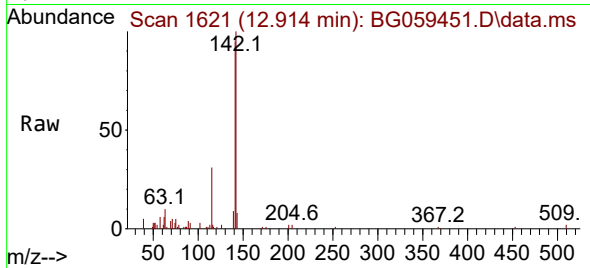
Tgt Ion:	142	Resp:	21689
Ion Ratio	Lower	Upper	
142	100		
141	94.9	81.3	121.9
116	2.4	3.4	5.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#39

1,2,4,5-Tetrachlorobenzene

Concen: 3.517 ng/ul

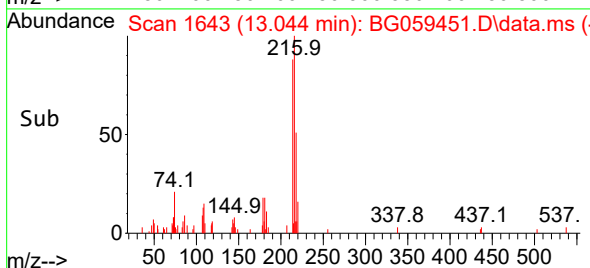
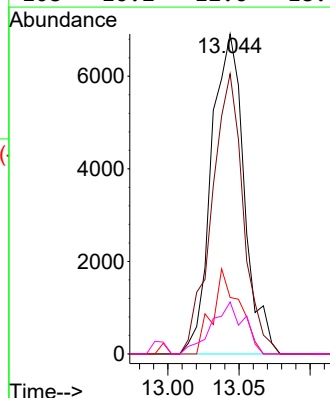
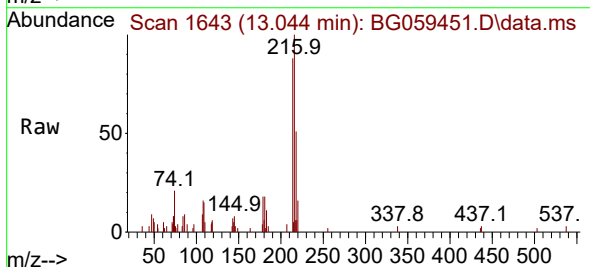
RT: 13.044 min Scan# 1643

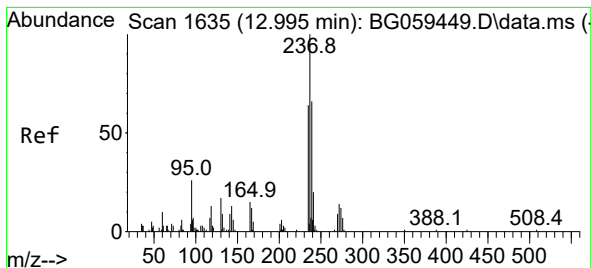
Delta R.T. -0.001 min

Lab File: BG059451.D

Acq: 16 Oct 2023 10:46

Tgt Ion:	216	Resp:	11063
Ion Ratio	Lower	Upper	
216	100		
214	87.6	66.9	100.3
179	17.7	15.6	23.4
108	16.2	12.6	18.8





#40

Hexachlorocyclopentadiene

Concen: 5.452 ng/ul

RT: 12.991 min Scan# 1634

Delta R.T. -0.007 min

Lab File: BG059451.D

Acq: 16 Oct 2023 10:46

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-QT2-2023-04

Tgt Ion:237 Resp: 9920

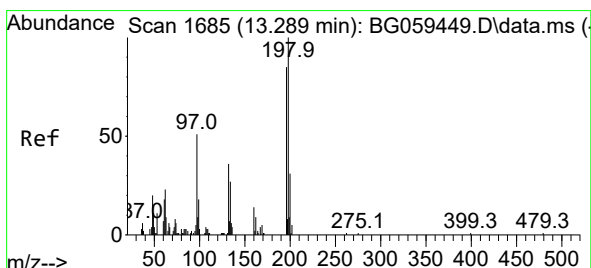
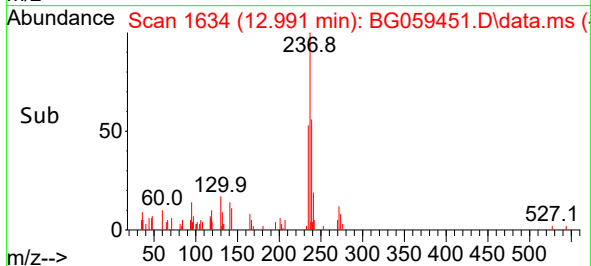
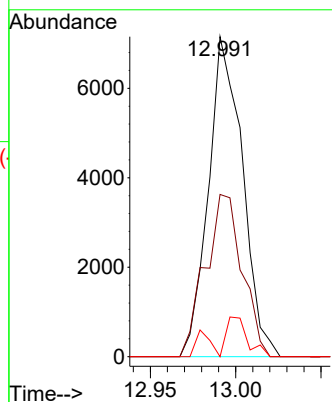
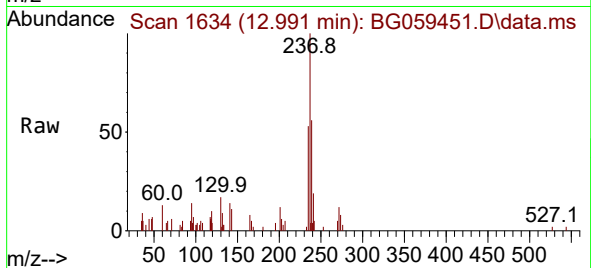
Ion	Ratio	Lower	Upper
237	100		
235	50.7	56.5	84.7
272	0.0	10.8	16.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#41

2,4,6-Trichlorophenol

Concen: 3.354 ng/ul

RT: 13.285 min Scan# 1684

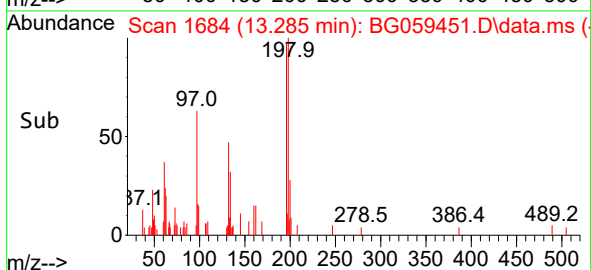
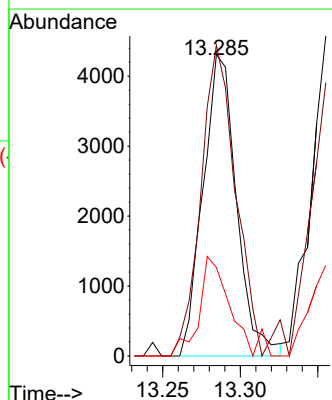
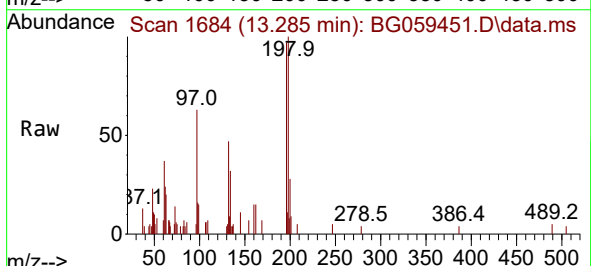
Delta R.T. -0.001 min

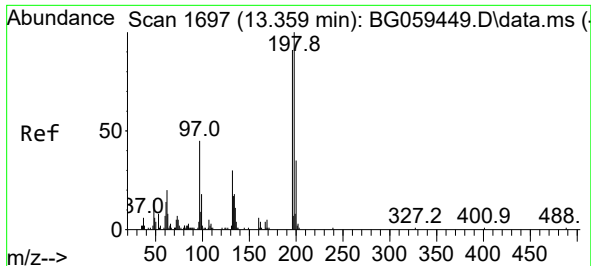
Lab File: BG059451.D

Acq: 16 Oct 2023 10:46

Tgt Ion:196 Resp: 6485

Ion	Ratio	Lower	Upper
196	100		
198	103.1	85.7	128.5
200	29.3	24.2	36.4





#42

2,4,5-Trichlorophenol

Concen: 3.757 ng/ul

RT: 13.355 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG059451.D

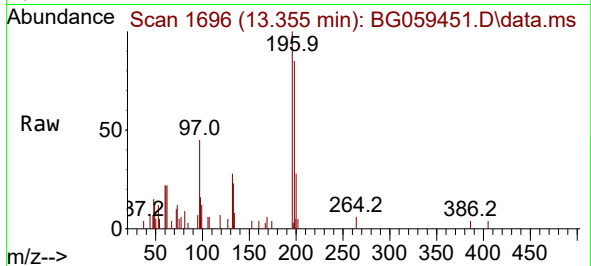
Acq: 16 Oct 2023 10:46

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-QT2-2023-04



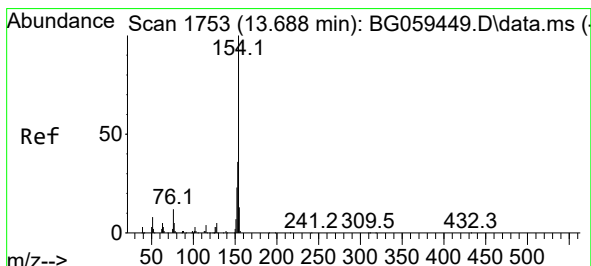
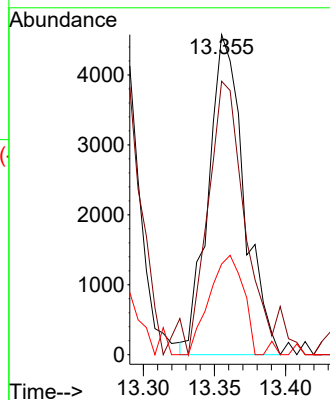
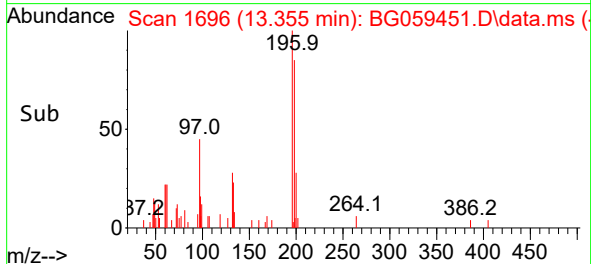
Tgt Ion:	196	Resp:	7994
Ion Ratio	Lower	Upper	
196	100		
198	85.4	80.3	120.5
200	28.3	25.2	37.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#43

1,1'-Biphenyl

Concen: 3.489 ng/ul

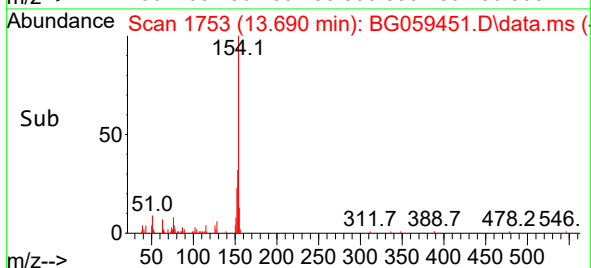
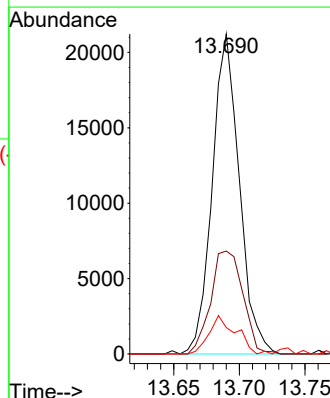
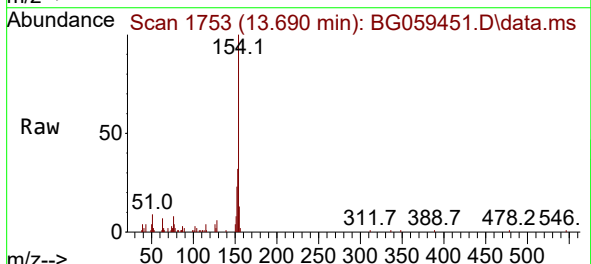
RT: 13.690 min Scan# 1753

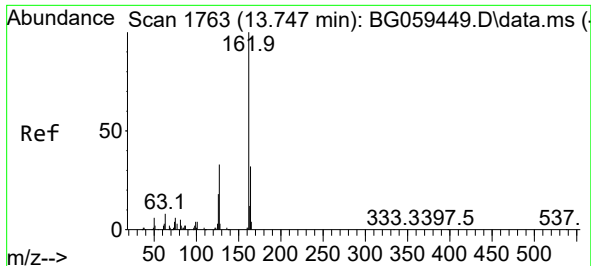
Delta R.T. -0.001 min

Lab File: BG059451.D

Acq: 16 Oct 2023 10:46

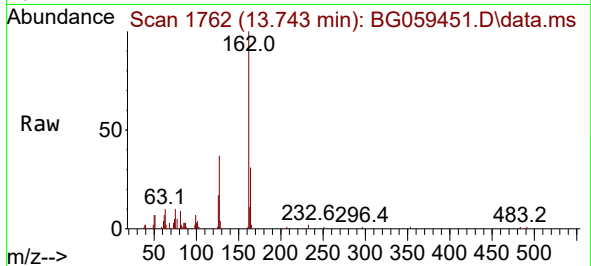
Tgt Ion:	154	Resp:	30393
Ion Ratio	Lower	Upper	
154	100		
153	32.2	31.3	46.9
76	8.3	9.4	14.0





#44
2-Chloronaphthalene
Concen: 3.430 ng/ul
RT: 13.743 min Scan# 1763
Delta R.T. -0.001 min
Lab File: BG059451.D
Acq: 16 Oct 2023 10:46

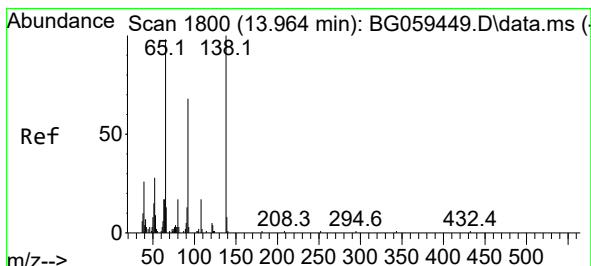
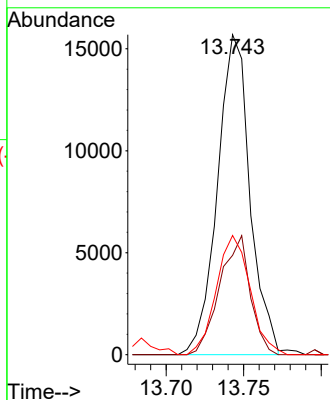
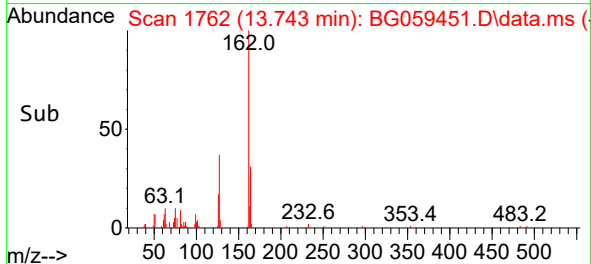
Instrument : BNA_G
ClientSampleId :
MDL-WATER-QT2-2023-04



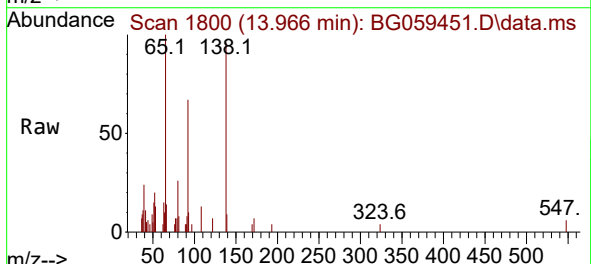
Tgt Ion:162 Resp: 2285
Ion Ratio Lower Upper
162 100
164 31.1 27.8 41.6
127 37.2 33.4 50.2

Manual Integrations
APPROVED

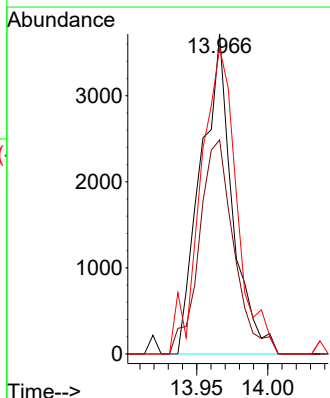
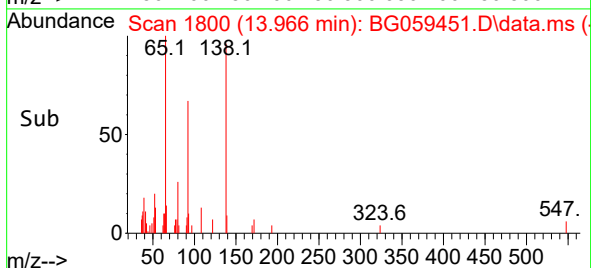
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

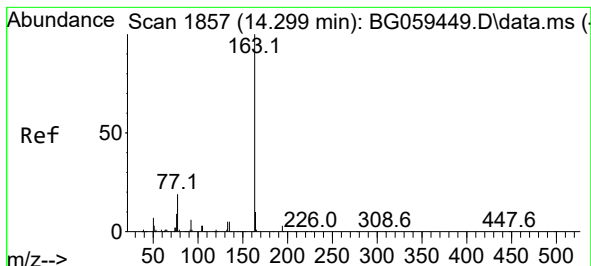


#45
2-Nitroaniline
Concen: 3.238 ng/ul
RT: 13.966 min Scan# 1800
Delta R.T. 0.005 min
Lab File: BG059451.D
Acq: 16 Oct 2023 10:46



Tgt Ion: 65 Resp: 5734
Ion Ratio Lower Upper
65 100
92 66.9 58.2 87.4
138 95.6 85.0 127.4





#47

Dimethylphthalate

Concen: 3.779 ng/ul

RT: 14.295 min Scan# 1856

Delta R.T. -0.001 min

Lab File: BG059451.D

Acq: 16 Oct 2023 10:46

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-QT2-2023-04

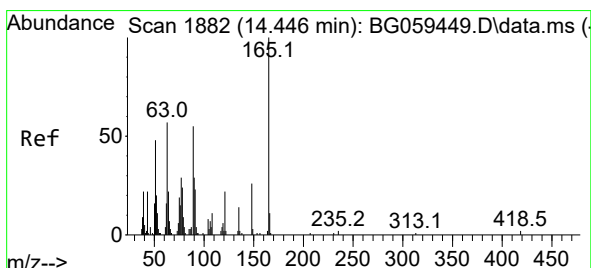
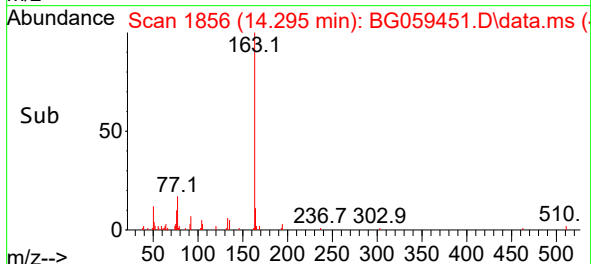
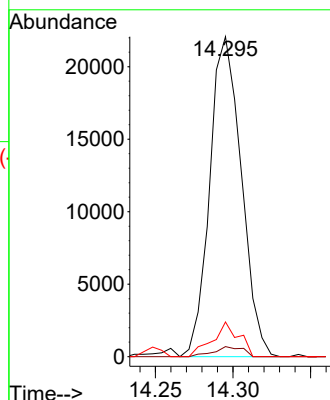
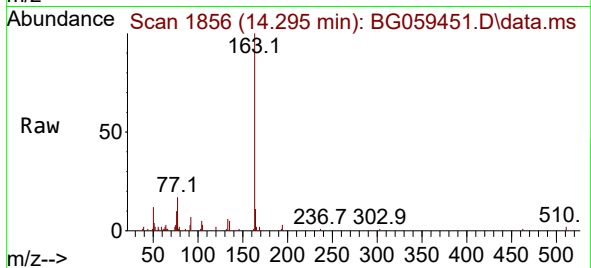
Tgt Ion:	163	Resp:	3125
Ion Ratio	Lower	Upper	
163	100		
194	3.2	2.4	3.6
164	10.8	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#48

2,6-Dinitrotoluene

Concen: 3.591 ng/ul

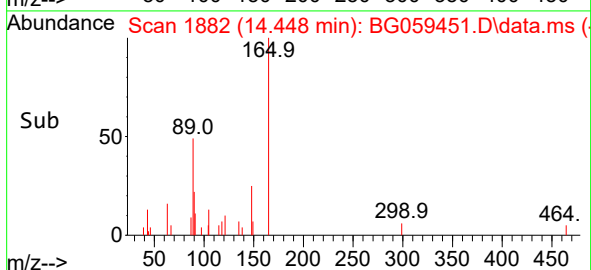
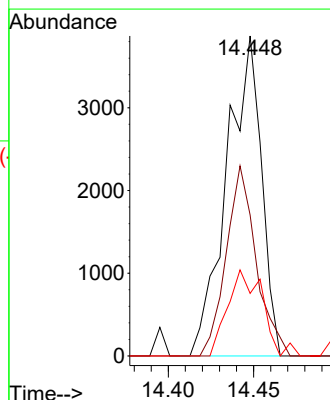
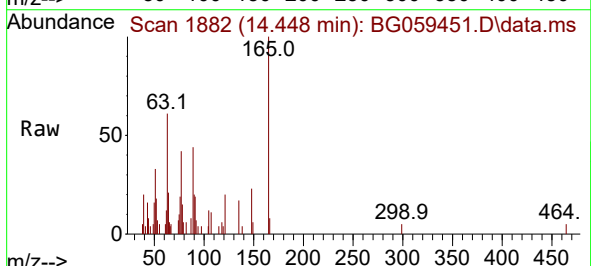
RT: 14.448 min Scan# 1882

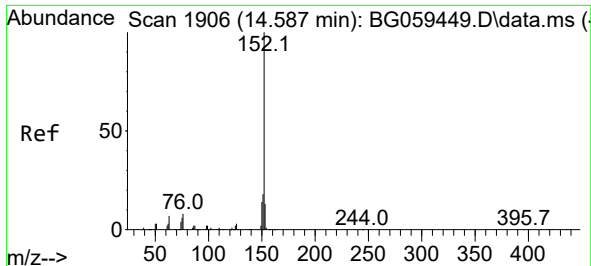
Delta R.T. 0.005 min

Lab File: BG059451.D

Acq: 16 Oct 2023 10:46

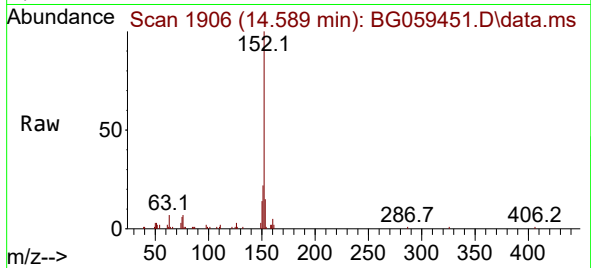
Tgt Ion:	165	Resp:	5470
Ion Ratio	Lower	Upper	
165	100		
89	44.0	46.2	69.4
121	19.6	15.1	22.7





#50
Acenaphthylene
Concen: 3.683 ng/ul
RT: 14.589 min Scan# 1906
Delta R.T. -0.001 min
Lab File: BG059451.D
Acq: 16 Oct 2023 10:46

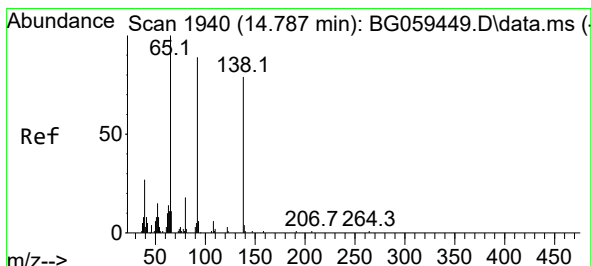
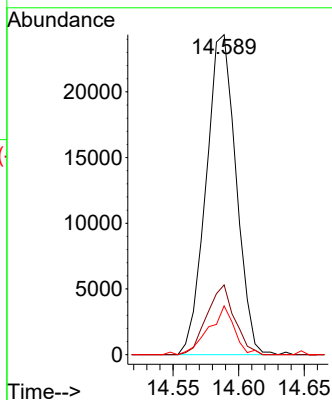
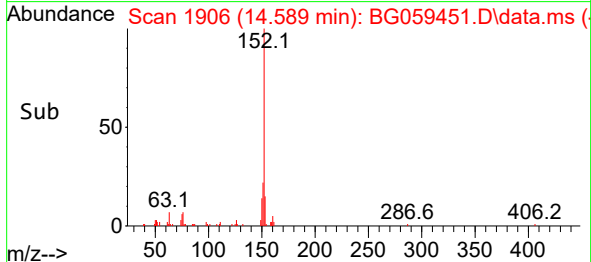
Instrument : BNA_G
ClientSampleId :
MDL-WATER-QT2-2023-04



Tgt Ion:152 Resp: 38734
Ion Ratio Lower Upper
152 100
151 21.8 14.8 22.2
153 15.2 9.5 14.3

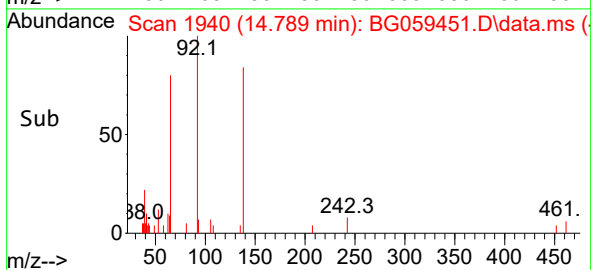
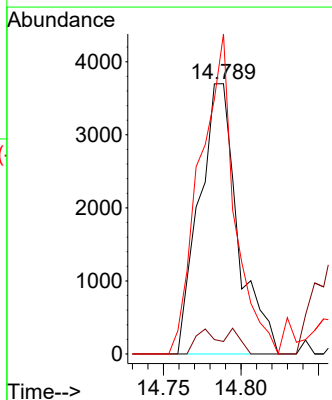
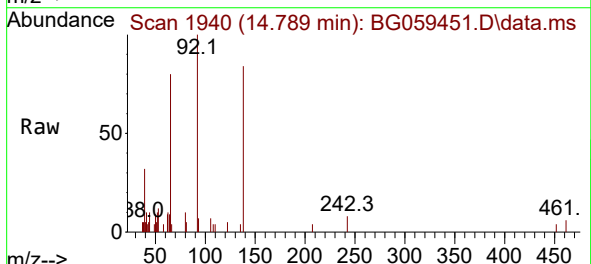
Manual Integrations
APPROVED

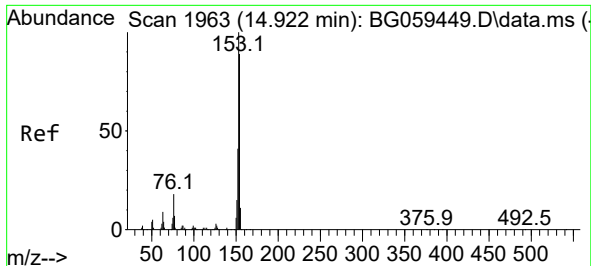
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#51
3-Nitroaniline
Concen: 3.959 ng/ul
RT: 14.789 min Scan# 1940
Delta R.T. 0.005 min
Lab File: BG059451.D
Acq: 16 Oct 2023 10:46

Tgt Ion:138 Resp: 6392
Ion Ratio Lower Upper
138 100
108 4.6 6.5 9.7#
92 118.4 91.6 137.4





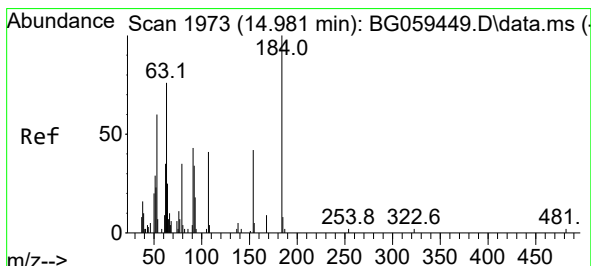
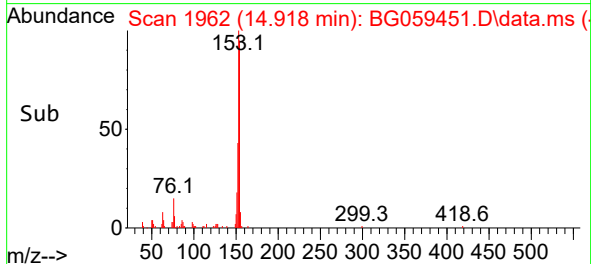
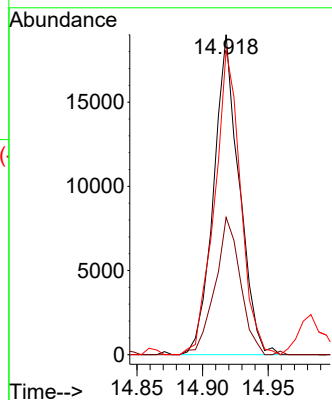
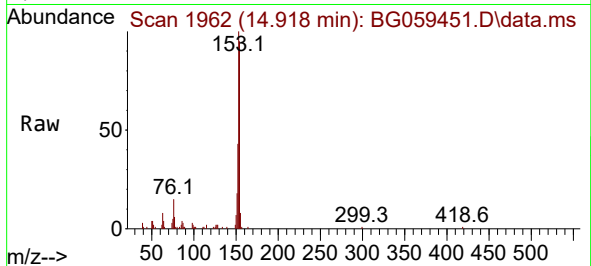
#52
Acenaphthene
Concen: 3.584 ng/ul
RT: 14.918 min Scan# 1962
Delta R.T. -0.001 min
Lab File: BG059451.D
Acq: 16 Oct 2023 10:46

Instrument : BNA_G
ClientSampleId :
MDL-WATER-QT2-2023-04

Tgt Ion:153 Resp: 25789
Ion Ratio Lower Upper
153 100
152 42.9 32.1 48.1
154 95.2 75.2 112.8

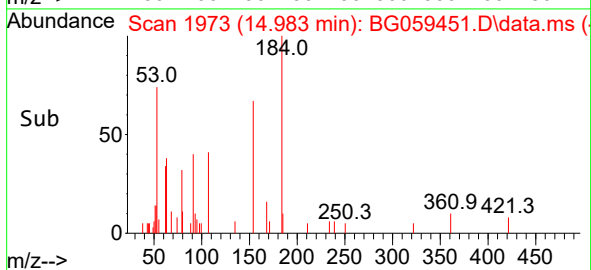
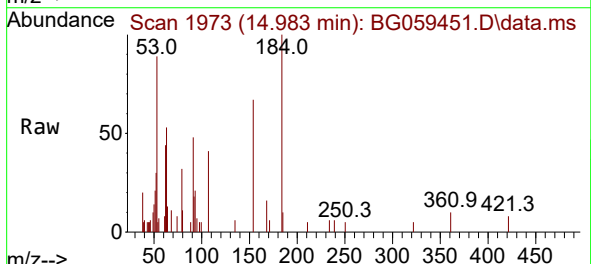
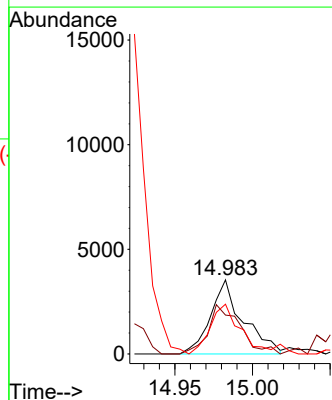
Manual Integrations
APPROVED

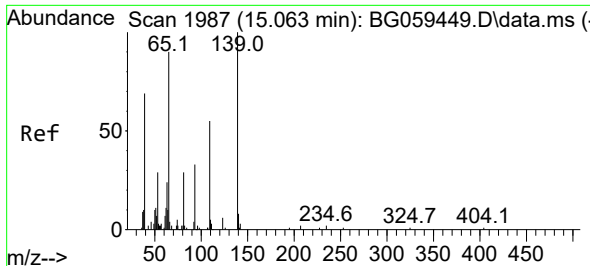
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#53
2,4-Dinitrophenol
Concen: 6.417 ng/ul
RT: 14.983 min Scan# 1973
Delta R.T. -0.001 min
Lab File: BG059451.D
Acq: 16 Oct 2023 10:46

Tgt Ion:184 Resp: 5172
Ion Ratio Lower Upper
184 100
63 52.6 57.3 85.9#
154 67.3 40.6 61.0#





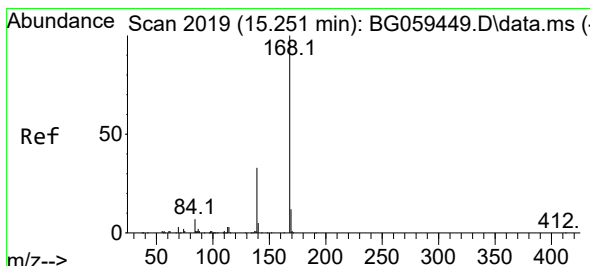
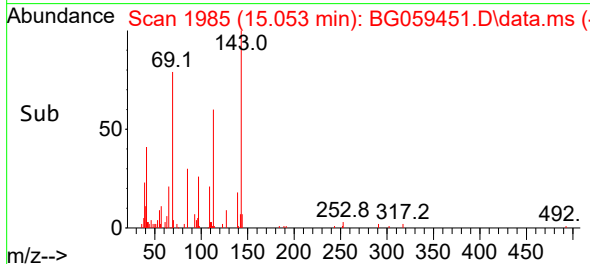
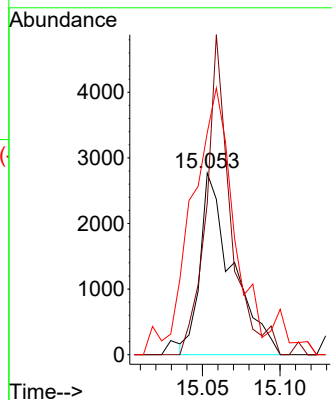
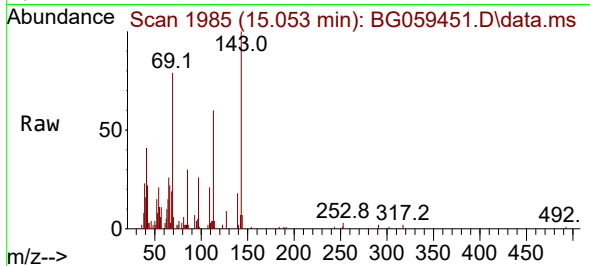
#55
4-Nitrophenol
Concen: 3.984 ng/ul
RT: 15.053 min Scan# 1985
Delta R.T. -0.007 min
Lab File: BG059451.D
Acq: 16 Oct 2023 10:46

Instrument : BNA_G
ClientSampleId : MDL-WATER-QT2-2023-04

Tgt Ion:109 Resp: 399
Ion Ratio Lower Upper
109 100
139 83.3 100.2 150.4
65 122.2 111.8 167.8

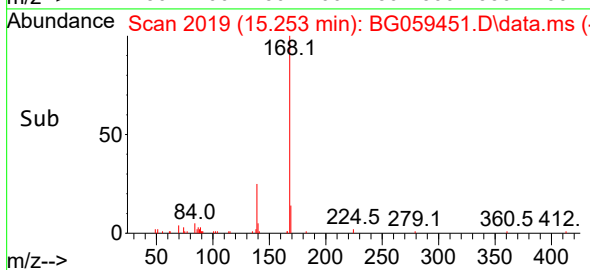
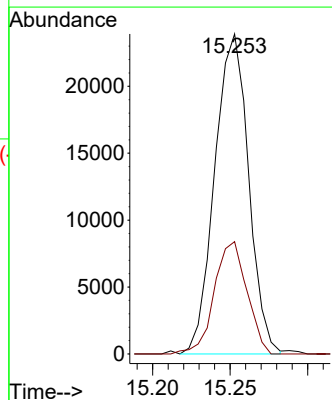
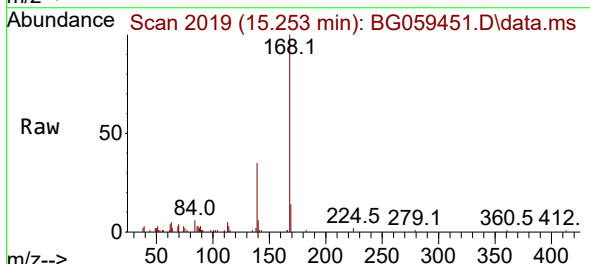
Manual Integrations
APPROVED

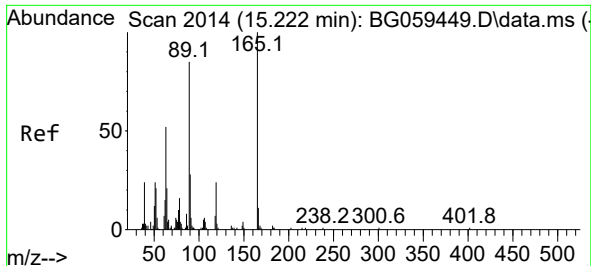
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#56
Dibenzofuran
Concen: 3.731 ng/ul
RT: 15.253 min Scan# 2019
Delta R.T. -0.001 min
Lab File: BG059451.D
Acq: 16 Oct 2023 10:46

Tgt Ion:168 Resp: 36304
Ion Ratio Lower Upper
168 100
139 35.1 25.9 38.9





#57

2,4-Dinitrotoluene

Concen: 3.412 ng/ul

RT: 15.223 min Scan# 2014

Delta R.T. 0.005 min

Lab File: BG059451.D

Acq: 16 Oct 2023 10:46

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-QT2-2023-04

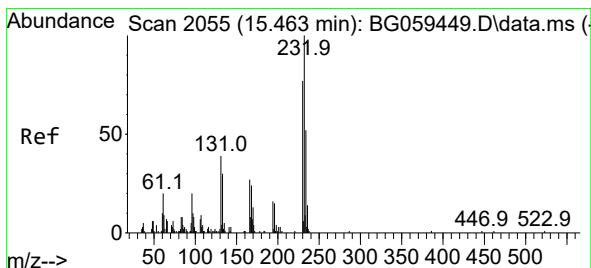
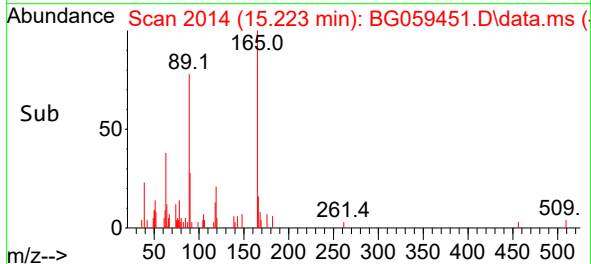
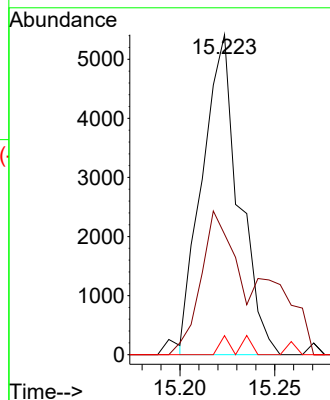
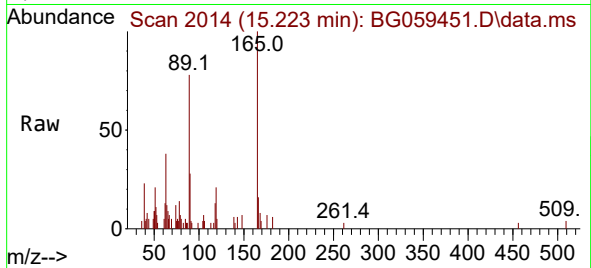
Tgt Ion:	165	Resp:	731
Ion Ratio	Lower	Upper	
165	100		
63	37.7	40.8	61.2
182	6.0	1.4	2.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#58

2,3,4,6-Tetrachlorophenol

Concen: 3.278 ng/ul

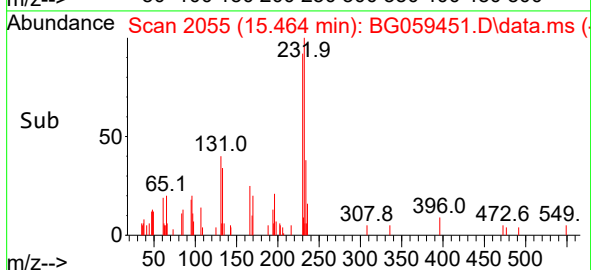
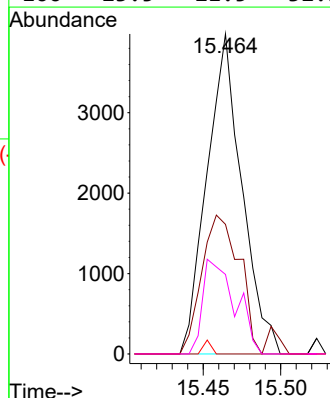
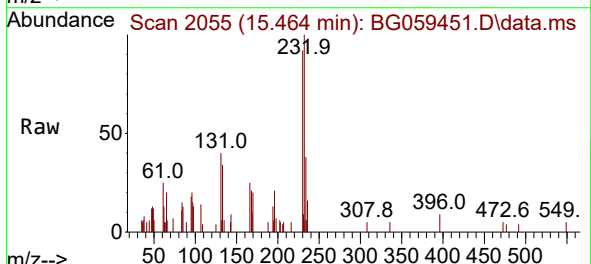
RT: 15.464 min Scan# 2055

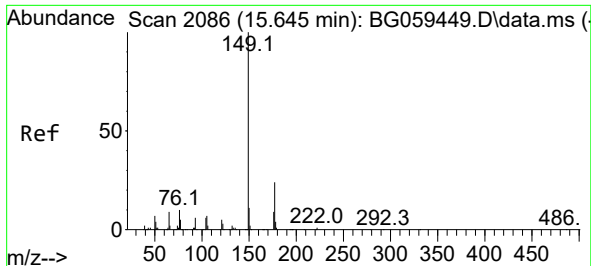
Delta R.T. 0.005 min

Lab File: BG059451.D

Acq: 16 Oct 2023 10:46

Tgt Ion:	232	Resp:	6232
Ion Ratio	Lower	Upper	
232	100		
131	38.2	30.2	45.2
130	0.0	2.0	3.0
166	23.5	21.5	32.3





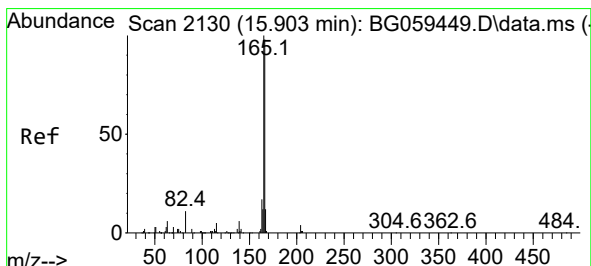
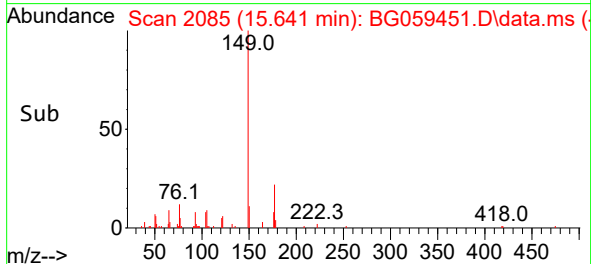
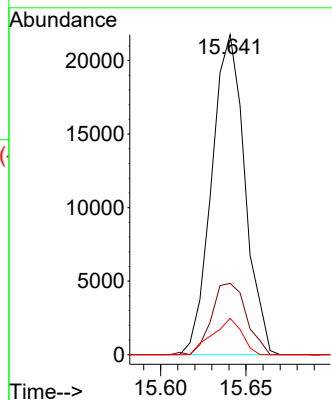
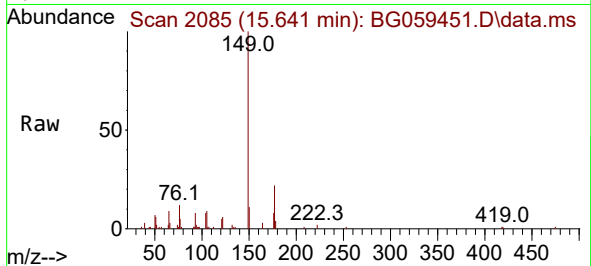
#59
Diethylphthalate
Concen: 3.687 ng/ul
RT: 15.641 min Scan# 2086
Delta R.T. -0.001 min
Lab File: BG059451.D
Acq: 16 Oct 2023 10:46

Instrument : BNA_G
ClientSampleId :
MDL-WATER-QT2-2023-04

Tgt Ion:149 Resp: 29468
Ion Ratio Lower Upper
149 100
177 22.3 17.3 25.9
150 11.3 8.2 12.4

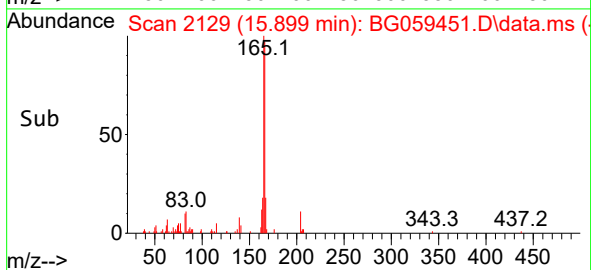
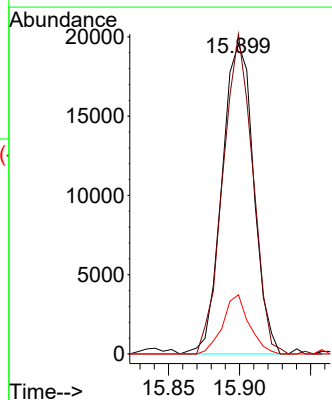
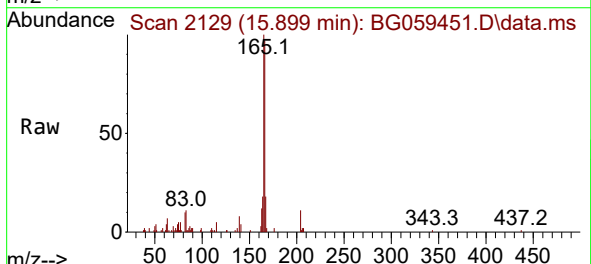
Manual Integrations
APPROVED

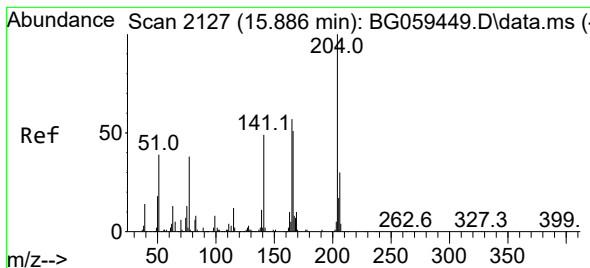
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#61
Fluorene
Concen: 3.720 ng/ul
RT: 15.899 min Scan# 2129
Delta R.T. -0.001 min
Lab File: BG059451.D
Acq: 16 Oct 2023 10:46

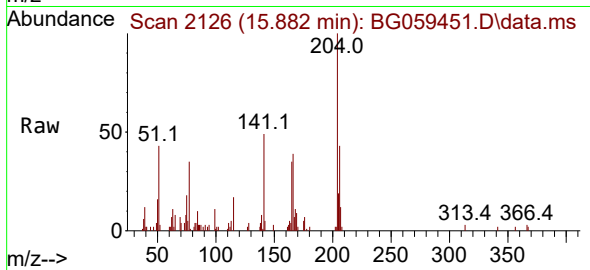
Tgt Ion:166 Resp: 30369
Ion Ratio Lower Upper
166 100
165 103.2 75.6 113.4
167 19.1 9.9 14.9#





#62
4-Chlorophenyl-phenylether
Concen: 3.831 ng/ul
RT: 15.882 min Scan# 2127
Delta R.T. -0.001 min
Lab File: BG059451.D
Acq: 16 Oct 2023 10:46

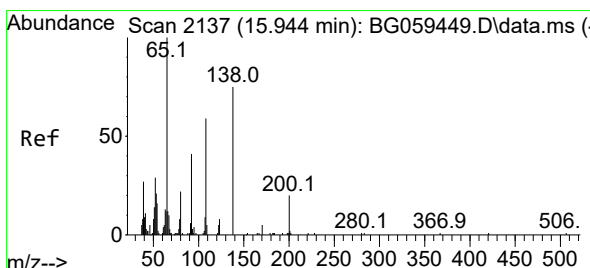
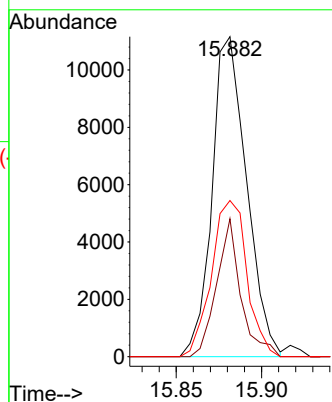
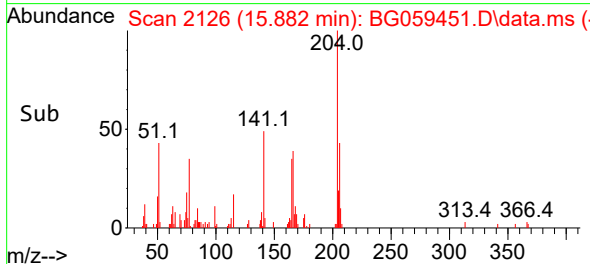
Instrument : BNA_G
ClientSampleId : MDL-WATER-QT2-2023-04



Tgt Ion:204 Resp: 1570
Ion Ratio Lower Upper
204 100
206 43.1 25.8 38.8
141 48.8 42.3 63.5

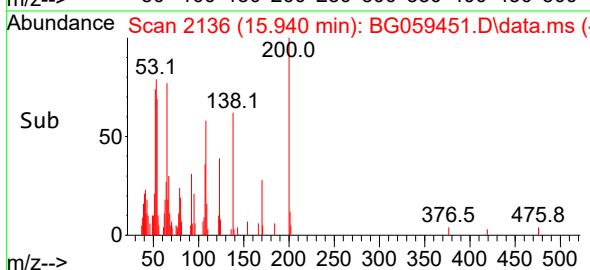
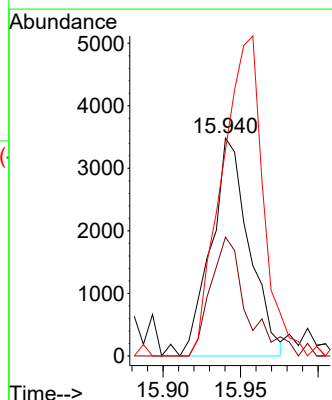
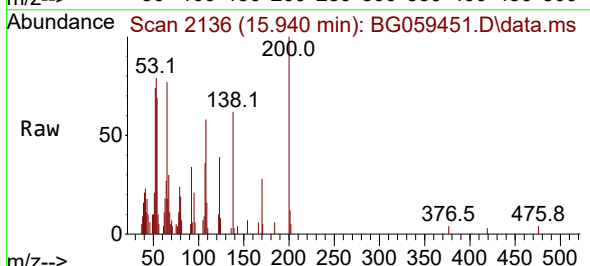
Manual Integrations
APPROVED

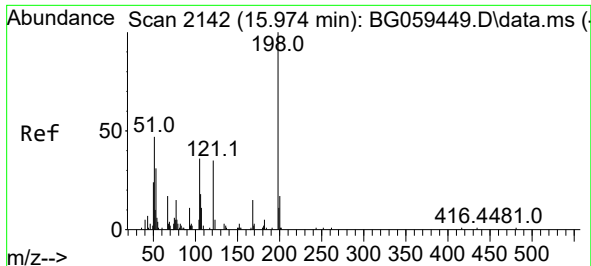
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#63
4-Nitroaniline
Concen: 3.792 ng/ul
RT: 15.940 min Scan# 2136
Delta R.T. -0.001 min
Lab File: BG059451.D
Acq: 16 Oct 2023 10:46

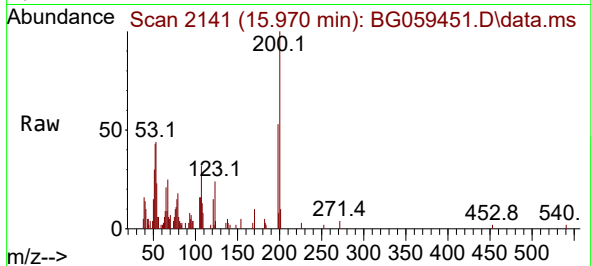
Tgt Ion:138 Resp: 5927
Ion Ratio Lower Upper
138 100
92 54.6 43.3 64.9
108 94.7 67.9 101.9





#66
4,6-Dinitro-2-methylphenol
Concen: 3.424 ng/ul
RT: 15.970 min Scan# 2142
Delta R.T. -0.001 min
Lab File: BG059451.D
Acq: 16 Oct 2023 10:46

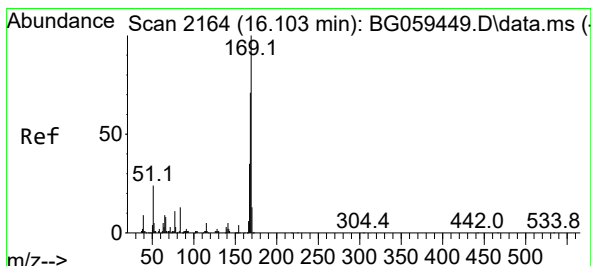
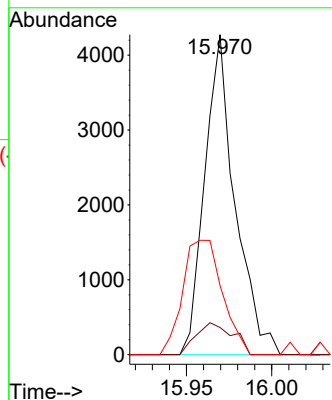
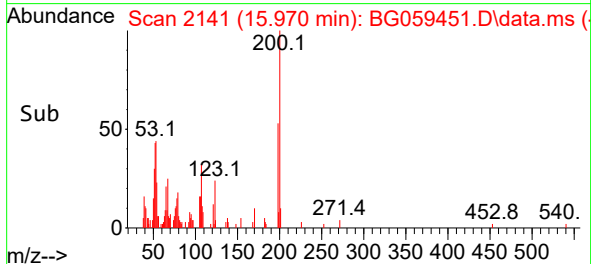
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-QT2-2023-04



Tgt Ion:198 Resp: 5280
Ion Ratio Lower Upper
198 100
182 8.5 4.7 7.1
77 21.6 17.7 26.5

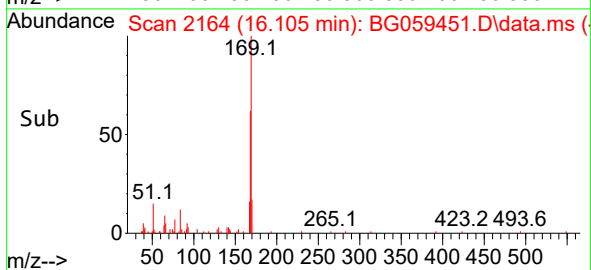
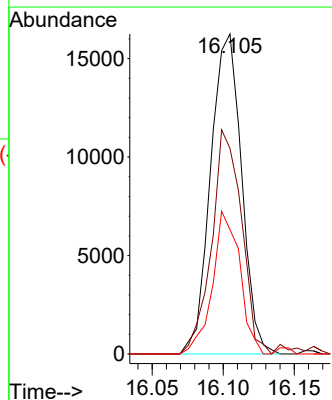
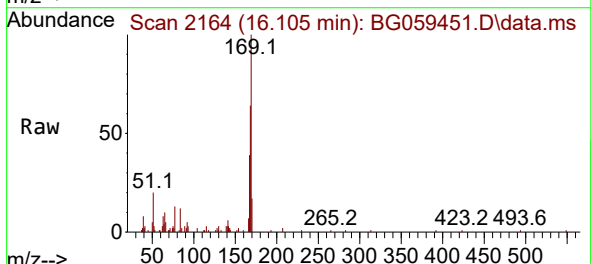
Manual Integrations
APPROVED

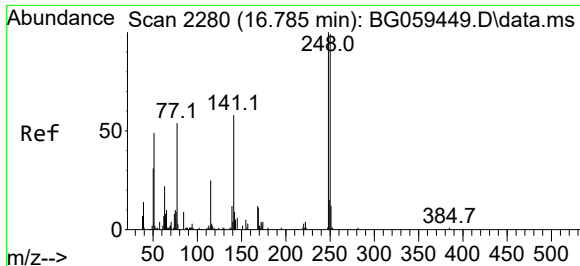
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#67
N-Nitrosodiphenylamine
Concen: 3.567 ng/ul
RT: 16.105 min Scan# 2164
Delta R.T. 0.005 min
Lab File: BG059451.D
Acq: 16 Oct 2023 10:46

Tgt Ion:169 Resp: 24612
Ion Ratio Lower Upper
169 100
168 64.2 55.8 83.8
167 38.8 28.2 42.2





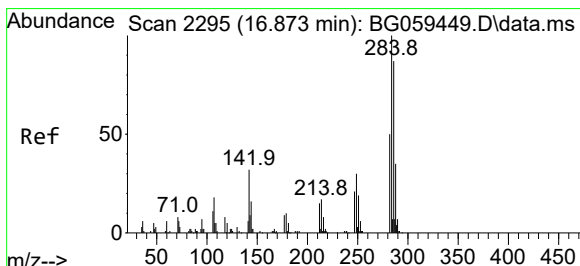
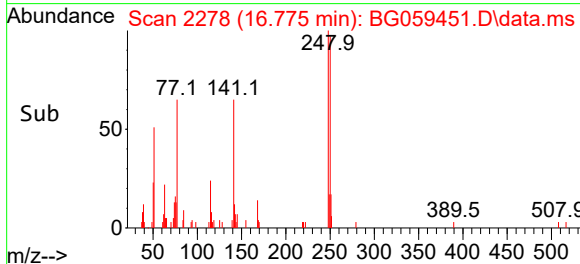
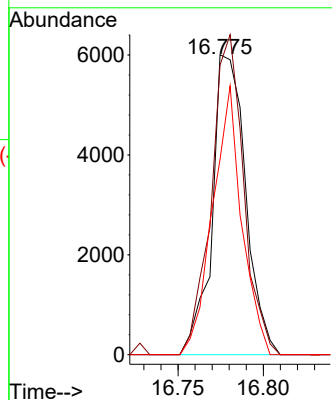
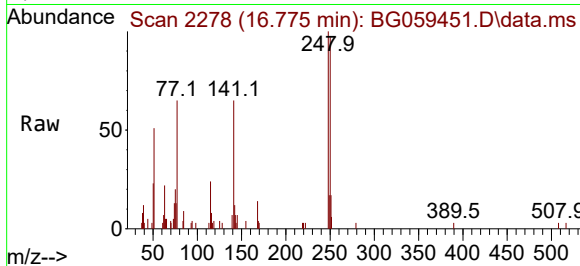
#68
4-Bromophenyl-phenylether
Concen: 3.172 ng/ul
RT: 16.775 min Scan# 211
Delta R.T. -0.007 min
Lab File: BG059451.D
Acq: 16 Oct 2023 10:46

Instrument : BNA_G
ClientSampleId :
MDL-WATER-QT2-2023-04

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.5	74.6	111.8
141	65.1	44.3	66.5

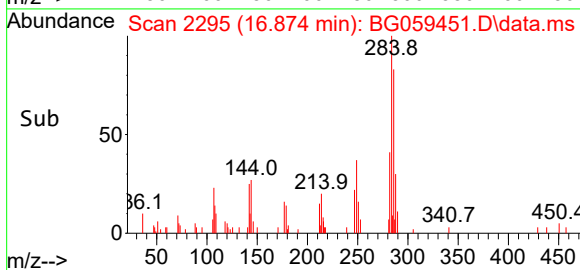
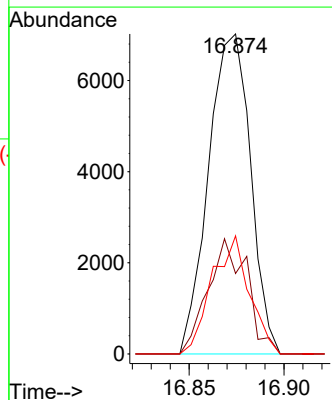
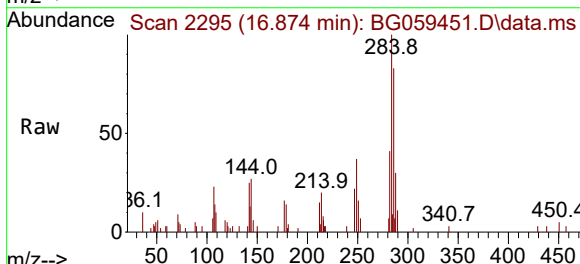
Manual Integrations
APPROVED

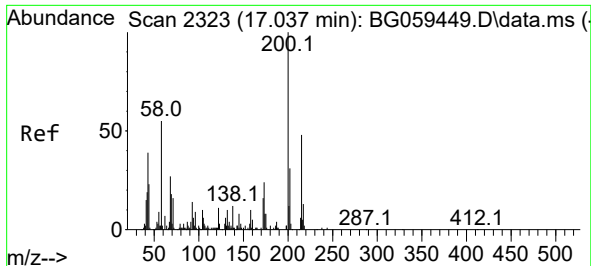
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#69
Hexachlorobenzene
Concen: 3.649 ng/ul
RT: 16.874 min Scan# 2295
Delta R.T. 0.005 min
Lab File: BG059451.D
Acq: 16 Oct 2023 10:46

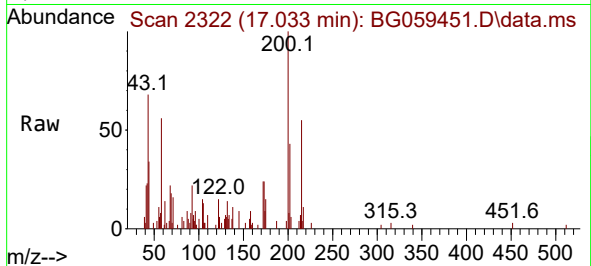
Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.1	22.1	33.1
249	36.9	23.1	34.7





#70
Atrazine
Concen: 3.582 ng/ul
RT: 17.033 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG059451.D
Acq: 16 Oct 2023 10:46

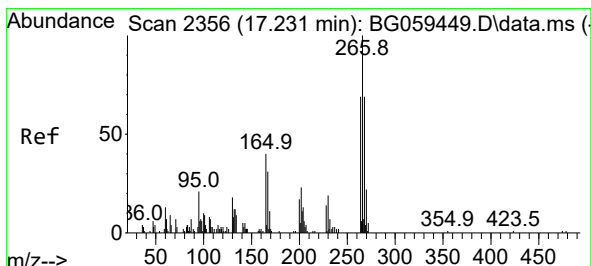
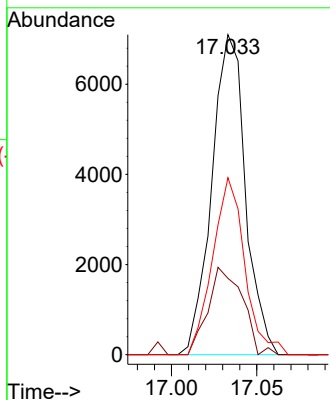
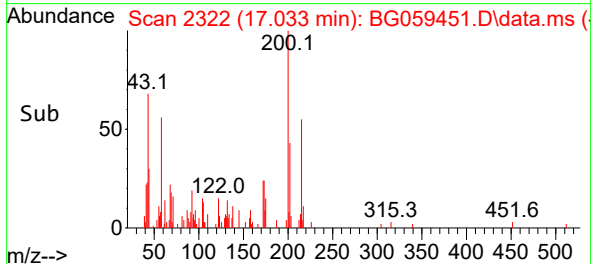
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-QT2-2023-04



Tgt Ion:200 Resp: 975
Ion Ratio Lower Upper
200 100
173 23.9 22.3 33.5
215 55.3 37.0 55.4

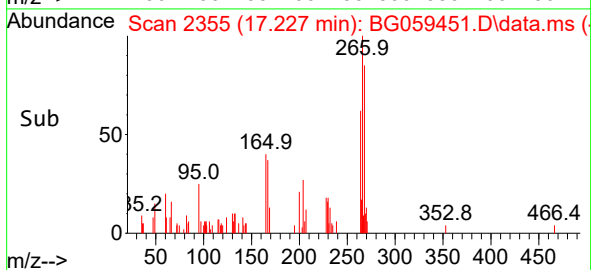
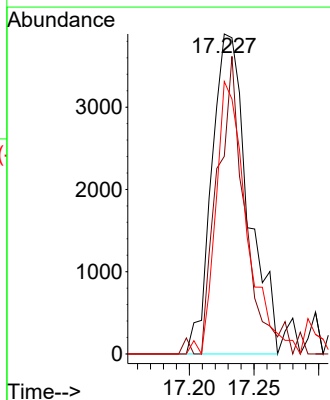
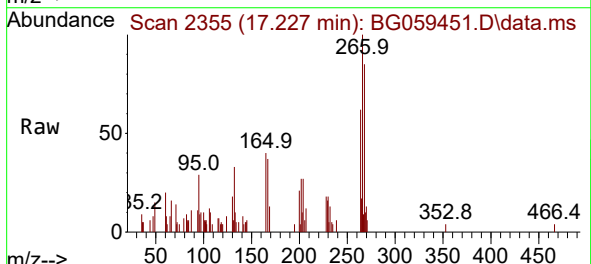
Manual Integrations
APPROVED

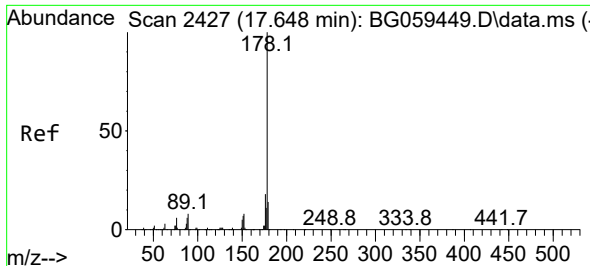
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#71
Pentachlorophenol
Concen: 4.512 ng/ul m
RT: 17.227 min Scan# 2355
Delta R.T. -0.001 min
Lab File: BG059451.D
Acq: 16 Oct 2023 10:46

Tgt Ion:266 Resp: 7586
Ion Ratio Lower Upper
266 100
264 61.7 47.9 71.9
268 85.2 50.0 75.0#





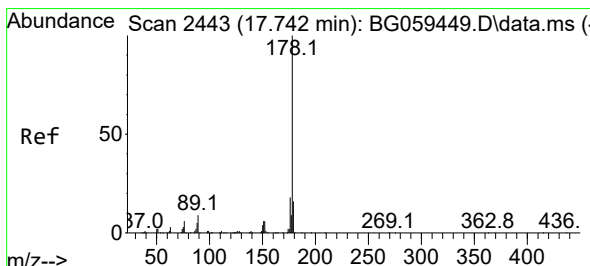
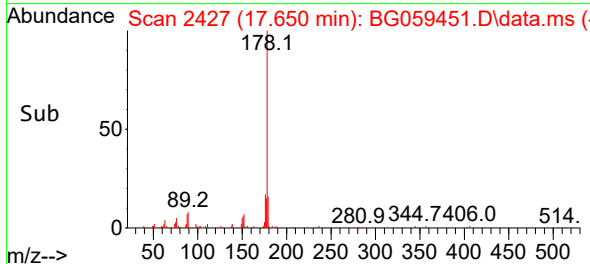
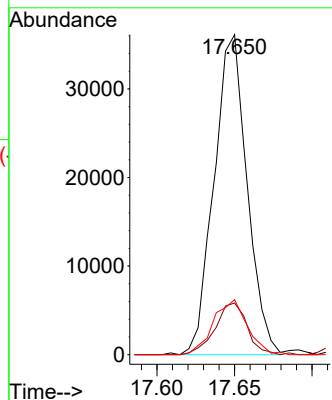
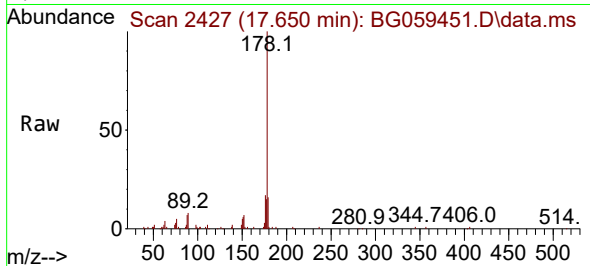
#72
Phenanthrene
Concen: 3.648 ng/ul
RT: 17.650 min Scan# 2427
Delta R.T. -0.001 min
Lab File: BG059451.D
Acq: 16 Oct 2023 10:46

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-QT2-2023-04

Tgt Ion:178 Resp: 5355
Ion Ratio Lower Upper
178 100
179 16.2 11.0 16.4
176 17.2 15.1 22.7

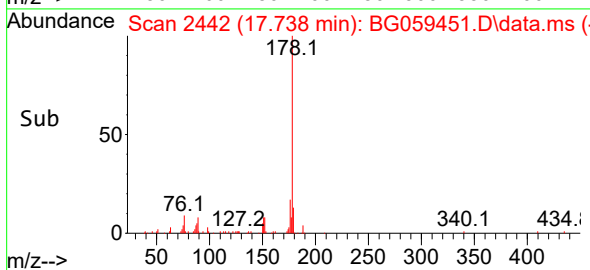
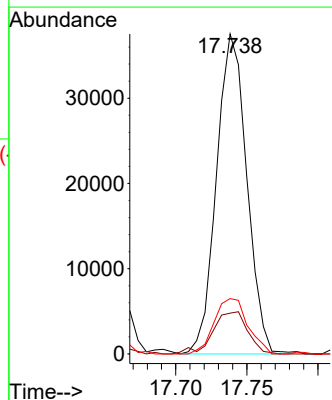
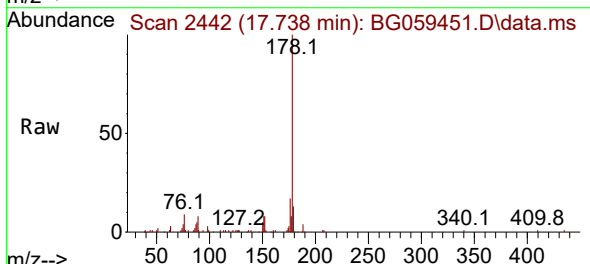
Manual Integrations
APPROVED

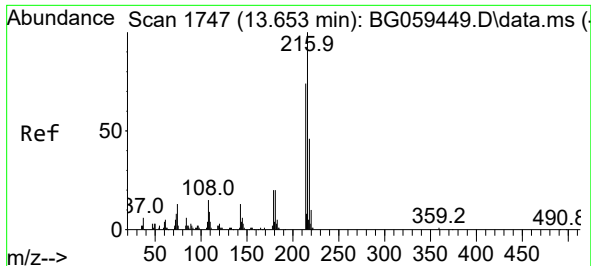
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#74
Anthracene
Concen: 3.679 ng/ul
RT: 17.738 min Scan# 2442
Delta R.T. -0.001 min
Lab File: BG059451.D
Acq: 16 Oct 2023 10:46

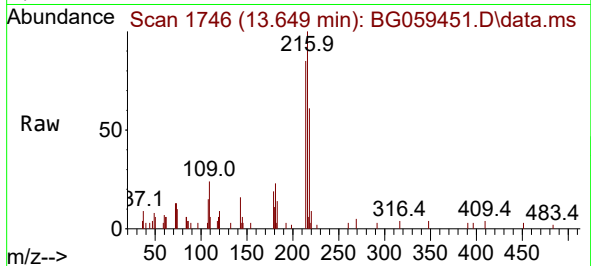
Tgt Ion:178 Resp: 55663
Ion Ratio Lower Upper
178 100
179 12.8 12.2 18.2
176 17.3 15.0 22.6





#75
1,2,3,4-Tetrachlorobenzene
Concen: 3.066 ng/uL
RT: 13.649 min Scan# 1746
Delta R.T. -0.001 min
Lab File: BG059451.D
Acq: 16 Oct 2023 10:46

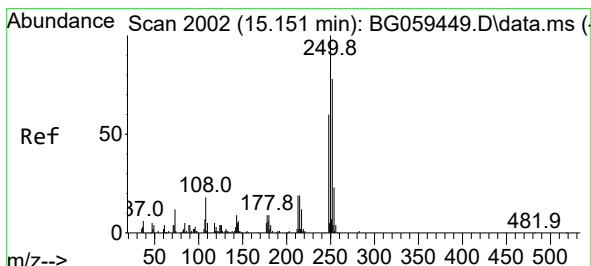
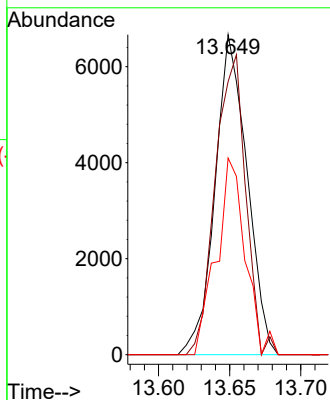
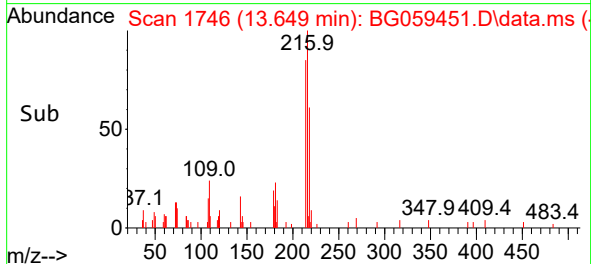
Instrument : BNA_G
ClientSampleId :
MDL-WATER-QT2-2023-04



Tgt Ion:216 Resp: 1042
Ion Ratio Lower Upper
216 100
214 85.4 62.1 93.1
218 61.5 37.4 56.0

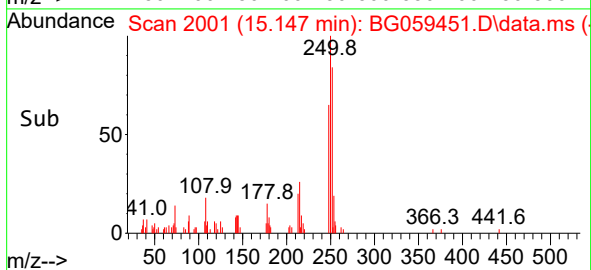
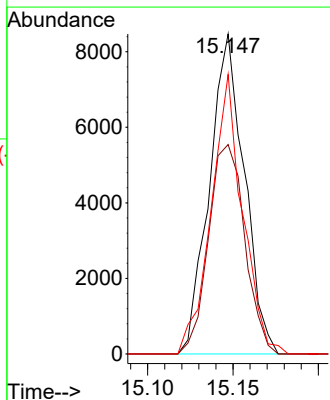
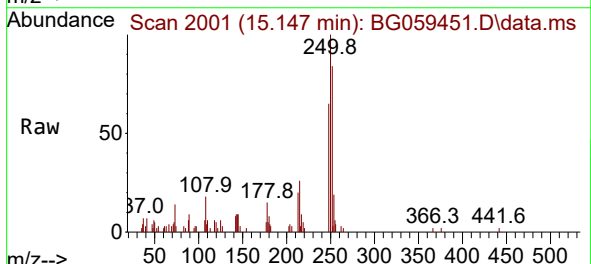
Manual Integrations
APPROVED

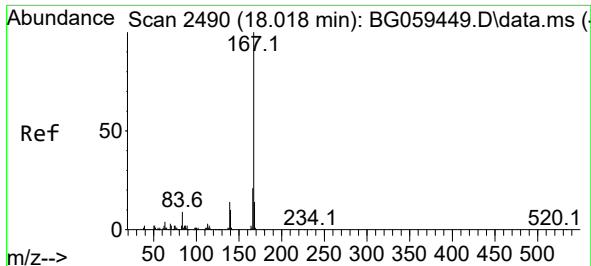
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#76
Pentachlorobenzene
Concen: 3.655 ng/uL
RT: 15.147 min Scan# 2001
Delta R.T. -0.001 min
Lab File: BG059451.D
Acq: 16 Oct 2023 10:46

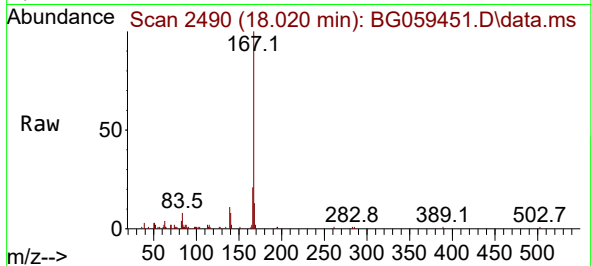
Tgt Ion:250 Resp: 12023
Ion Ratio Lower Upper
250 100
248 65.5 50.6 75.8
252 87.4 56.4 84.6





#77
 Carbazole
 Concen: 3.457 ng/ul
 RT: 18.020 min Scan# 2490
 Delta R.T. 0.005 min
 Lab File: BG059451.D
 Acq: 16 Oct 2023 10:46

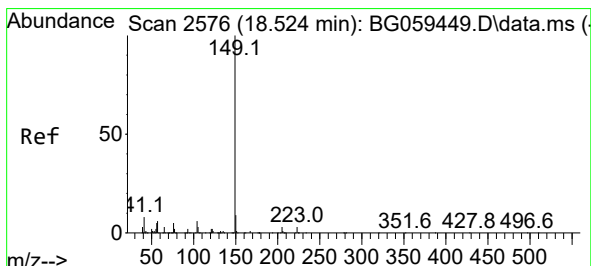
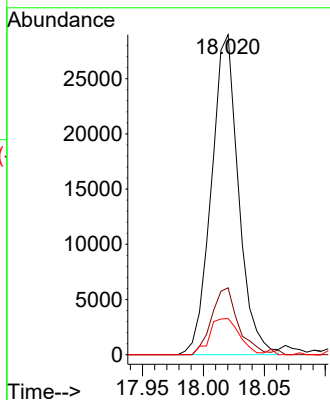
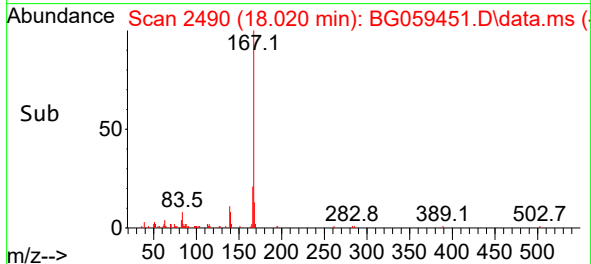
Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-QT2-2023-04



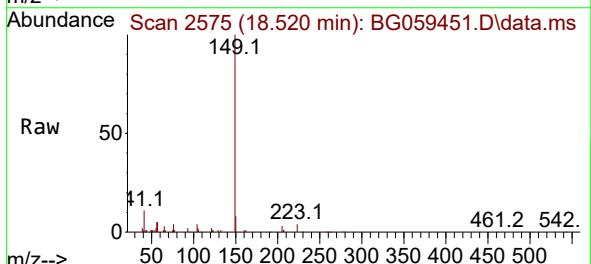
Tgt Ion:167 Resp: 4501
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.4 26.0
 139 11.3 9.0 13.6

Manual Integrations
 APPROVED

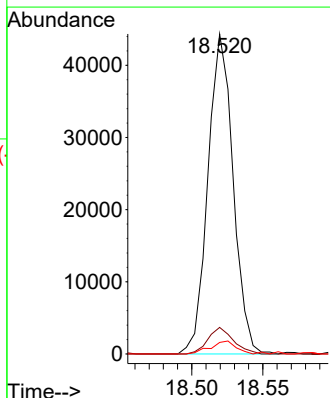
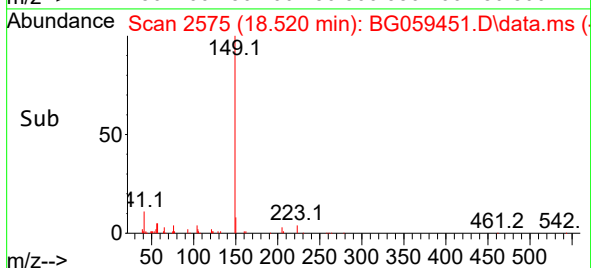
Reviewed By :Yogesh Patel 10/17/2023
 Supervised By :mohammad ahmed 10/18/2023

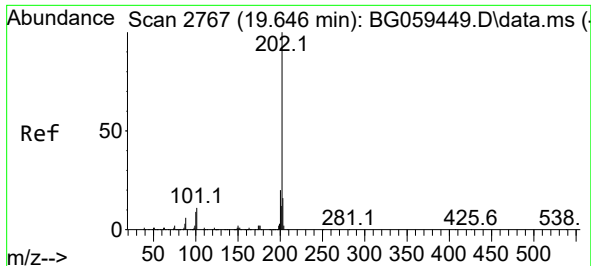


#78
 Di-n-butylphthalate
 Concen: 3.690 ng/ul
 RT: 18.520 min Scan# 2575
 Delta R.T. -0.001 min
 Lab File: BG059451.D
 Acq: 16 Oct 2023 10:46



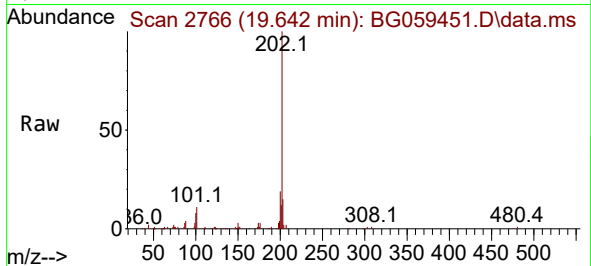
Tgt Ion:149 Resp: 54675
 Ion Ratio Lower Upper
 149 100
 150 8.3 7.4 11.2
 104 3.6 3.7 5.5





#80
Fluoranthene
Concen: 3.628 ng/ul
RT: 19.642 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG059451.D
Acq: 16 Oct 2023 10:46

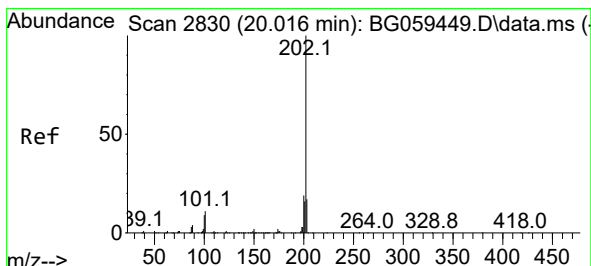
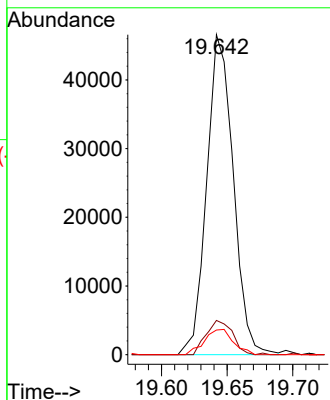
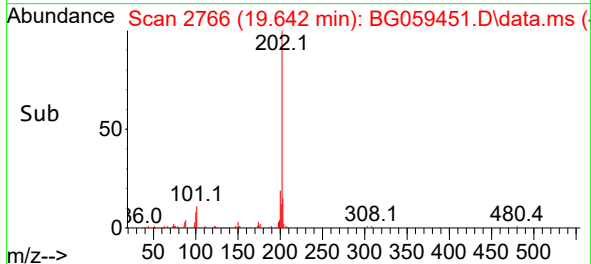
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-QT2-2023-04



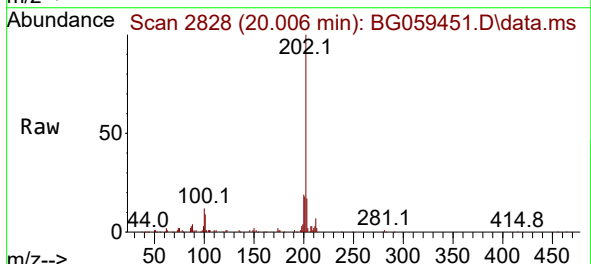
Tgt Ion:202 Resp: 65602
Ion Ratio Lower Upper
202 100
101 10.7 8.9 13.3
100 7.7 8.3 12.5

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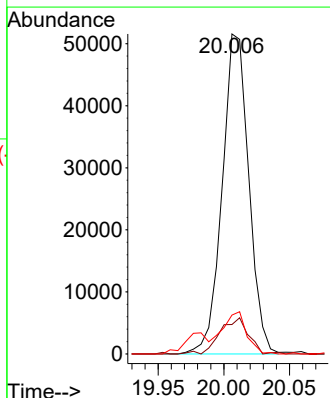
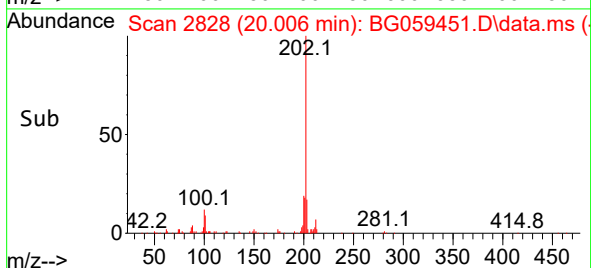
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023

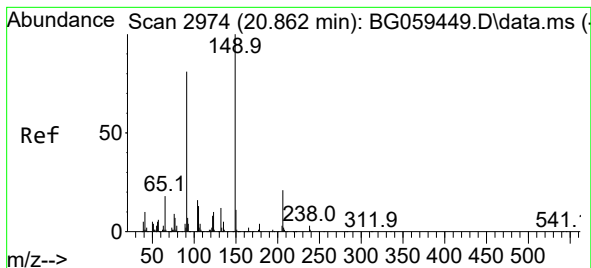


#82
Pyrene
Concen: 3.778 ng/ul
RT: 20.006 min Scan# 2828
Delta R.T. -0.001 min
Lab File: BG059451.D
Acq: 16 Oct 2023 10:46



Tgt Ion:202 Resp: 72608
Ion Ratio Lower Upper
202 100
101 9.2 9.5 14.3#
100 12.2 9.8 14.8





#83

Butylbenzylphthalate

Concen: 3.495 ng/ul

RT: 20.864 min Scan# 2974

Delta R.T. -0.001 min

Lab File: BG059451.D

Acq: 16 Oct 2023 10:46

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-QT2-2023-04

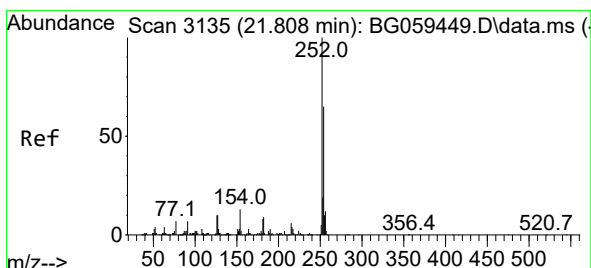
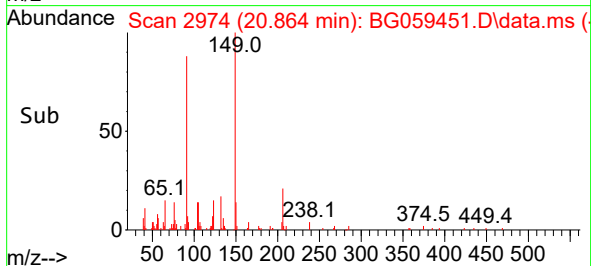
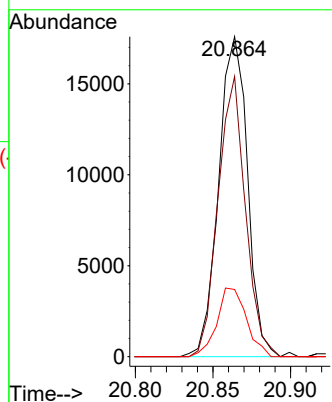
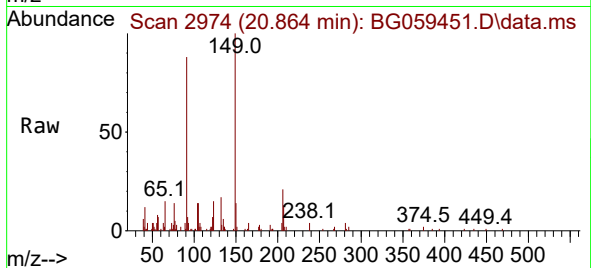
Tgt Ion:	149	Resp:	22680
Ion Ratio	Lower	Upper	
149	100		
91	87.6	66.4	99.6
206	21.0	17.4	26.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#84

3,3'-Dichlorobenzidine

Concen: 3.537 ng/ul

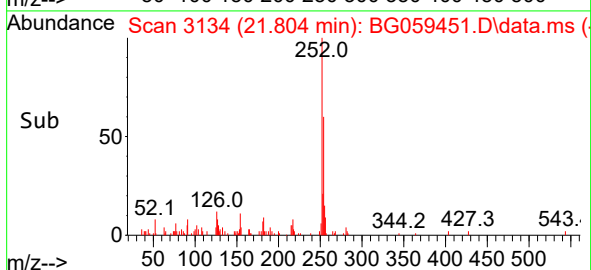
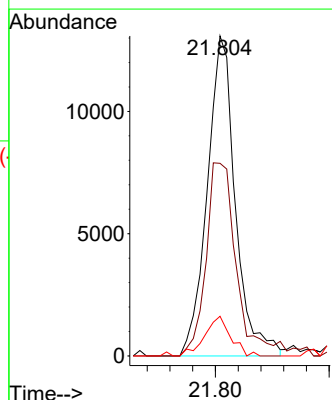
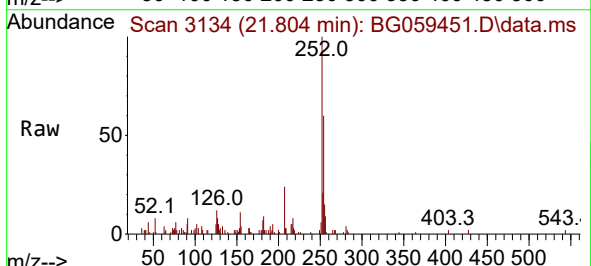
RT: 21.804 min Scan# 3134

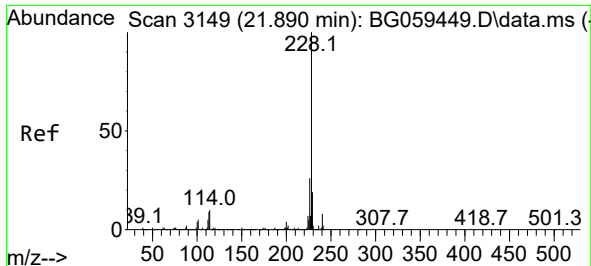
Delta R.T. -0.001 min

Lab File: BG059451.D

Acq: 16 Oct 2023 10:46

Tgt Ion:	252	Resp:	22477
Ion Ratio	Lower	Upper	
252	100		
254	60.2	53.8	80.6
126	12.4	8.6	12.8





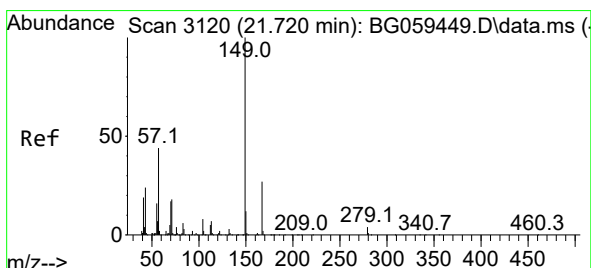
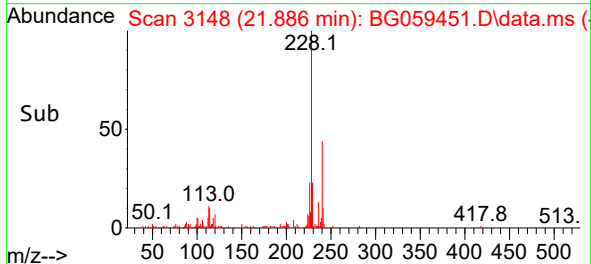
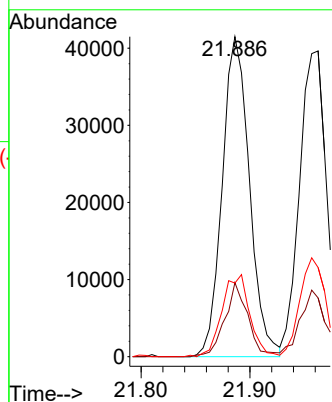
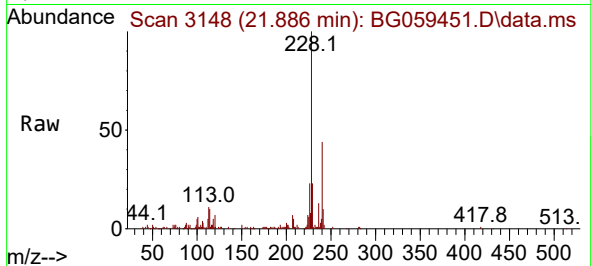
#85
Benzo(a)anthracene
Concen: 3.743 ng/ul m
RT: 21.886 min Scan# 3119
Delta R.T. -0.001 min
Lab File: BG059451.D
Acq: 16 Oct 2023 10:46

Instrument : BNA_G
ClientSampleId :
MDL-WATER-QT2-2023-04

Tgt Ion:228 Resp: 7239
Ion Ratio Lower Upper
228 100
229 23.2 15.0 22.4
226 23.0 20.8 31.2

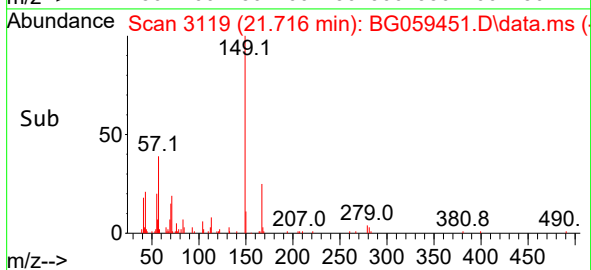
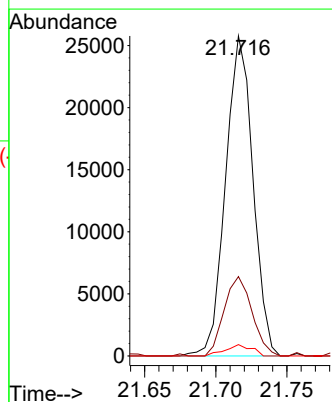
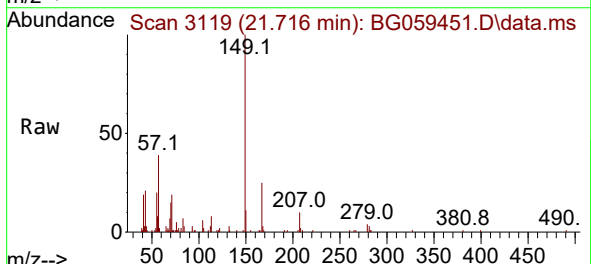
Manual Integrations
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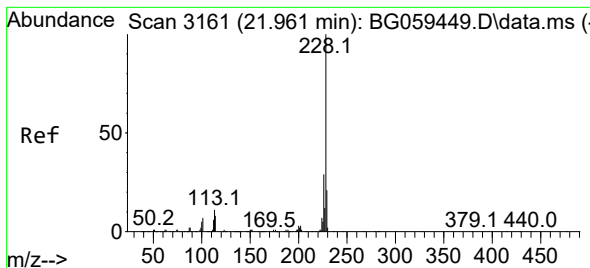
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#86
Bis(2-ethylhexyl)phthalate
Concen: 3.685 ng/ul
RT: 21.716 min Scan# 3119
Delta R.T. -0.001 min
Lab File: BG059451.D
Acq: 16 Oct 2023 10:46

Tgt Ion:149 Resp: 34494
Ion Ratio Lower Upper
149 100
167 24.8 20.8 31.2
279 3.5 2.7 4.1





#87

Chrysene

Concen: 3.787 ng/ul

RT: 21.963 min Scan# 3161

Delta R.T. 0.005 min

Lab File: BG059451.D

Acq: 16 Oct 2023 10:46

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-QT2-2023-04

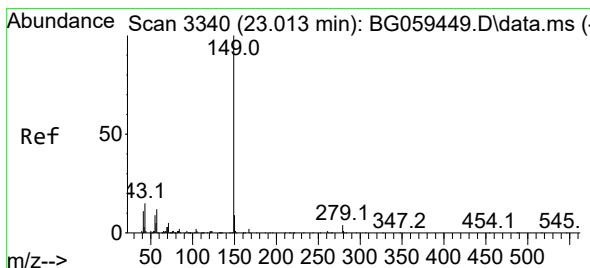
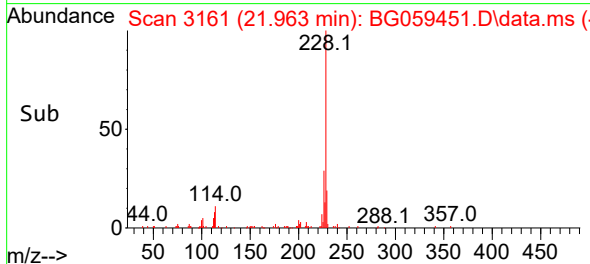
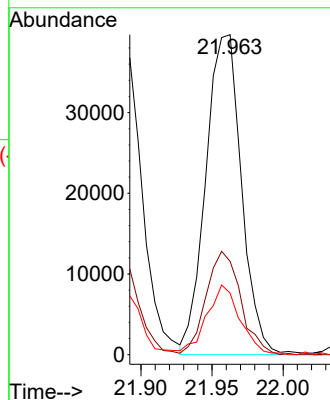
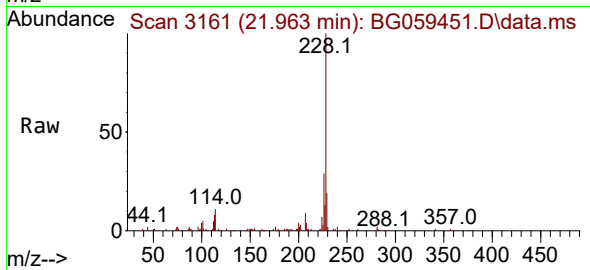
Tgt Ion:	228	Resp:	6901
Ion Ratio	Lower	Upper	
228	100		
226	29.2	23.0	34.6
229	19.2	16.0	24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#89

Di-n-octyl phthalate

Concen: 3.362 ng/ul

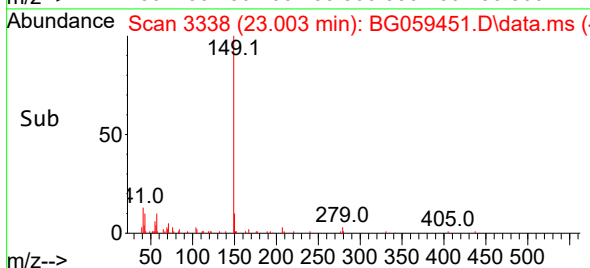
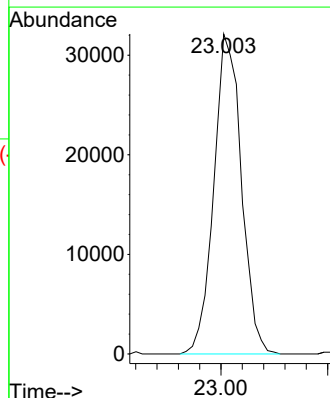
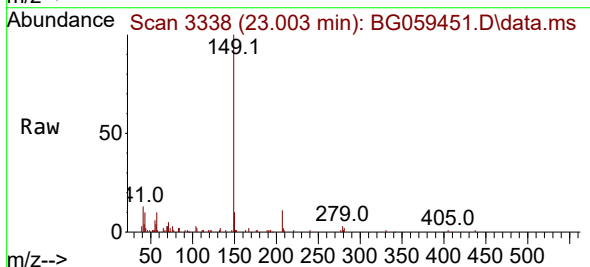
RT: 23.003 min Scan# 3338

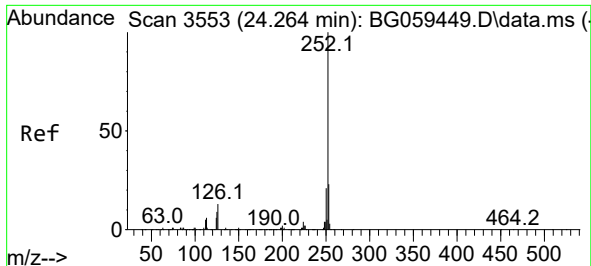
Delta R.T. -0.001 min

Lab File: BG059451.D

Acq: 16 Oct 2023 10:46

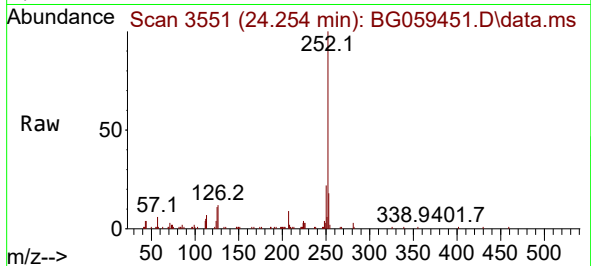
Tgt Ion:149 Resp: 57525





#90
Benzo(b)fluoranthene
Concen: 3.583 ng/ul m
RT: 24.254 min Scan# 3551
Delta R.T. -0.007 min
Lab File: BG059451.D
Acq: 16 Oct 2023 10:46

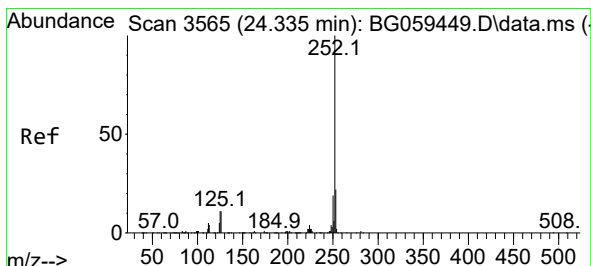
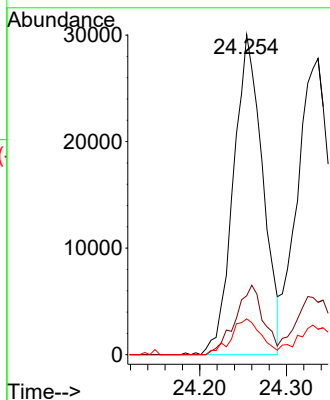
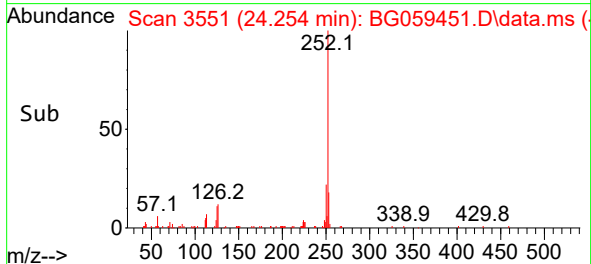
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-QT2-2023-04



Tgt Ion:252 Resp: 70368
Ion Ratio Lower Upper
252 100
253 18.4 16.8 25.2
125 11.2 6.9 10.3

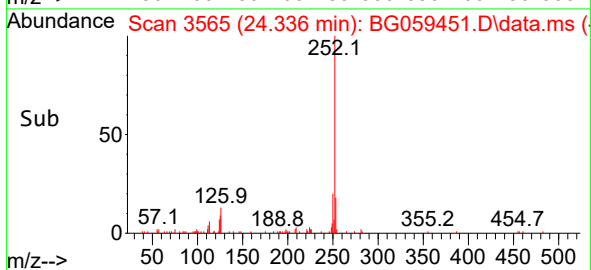
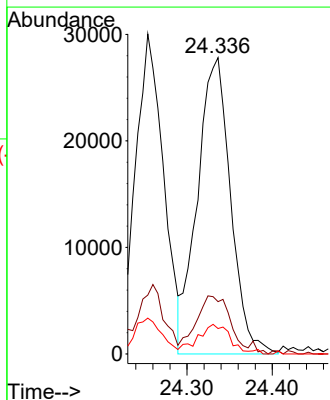
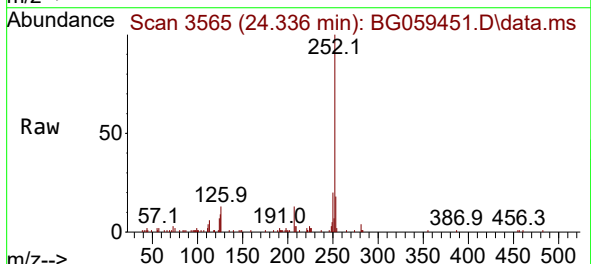
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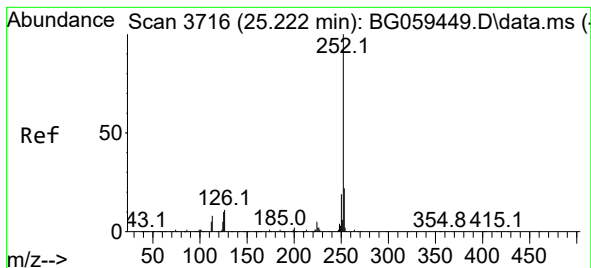
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/18/2023



#91
Benzo(k)fluoranthene
Concen: 3.740 ng/ul
RT: 24.336 min Scan# 3565
Delta R.T. 0.005 min
Lab File: BG059451.D
Acq: 16 Oct 2023 10:46

Tgt Ion:252 Resp: 75293
Ion Ratio Lower Upper
252 100
253 17.7 17.4 26.0
125 8.6 6.9 10.3





#93

Benzo(a)pyrene

Concen: 3.617 ng/ul

RT: 25.218 min Scan# 3715

Delta R.T. -0.001 min

Lab File: BG059451.D

Acq: 16 Oct 2023 10:46

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-QT2-2023-04

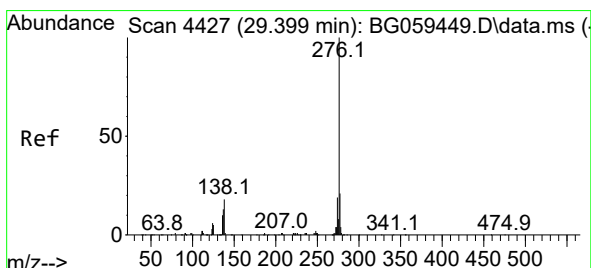
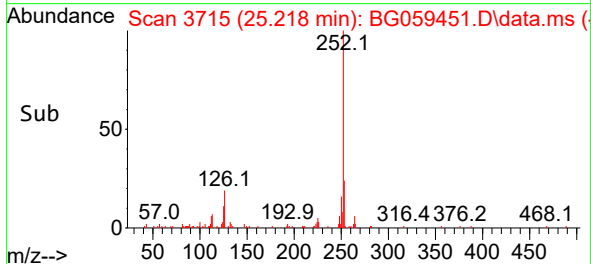
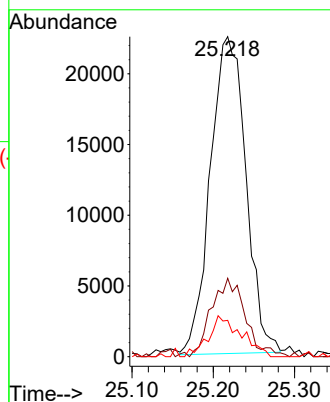
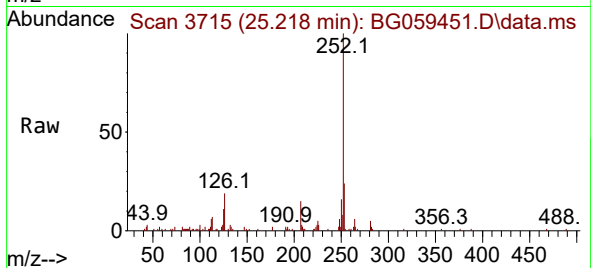
Tgt Ion:	252	Resp:	68118
Ion Ratio	Lower	Upper	
252	100		
253	24.5	17.7	26.5
125	11.3	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/18/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.549 ng/ul m

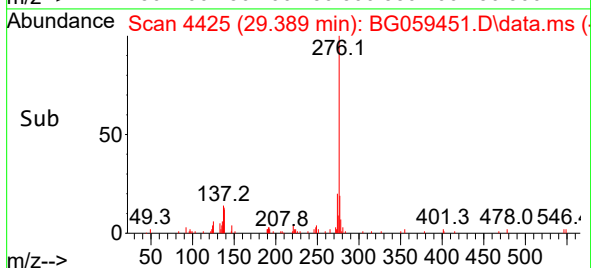
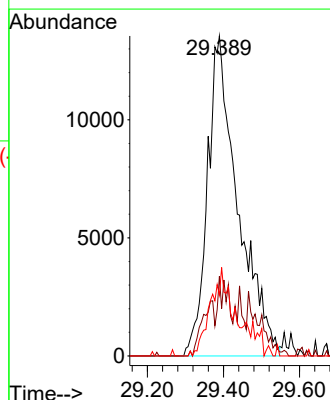
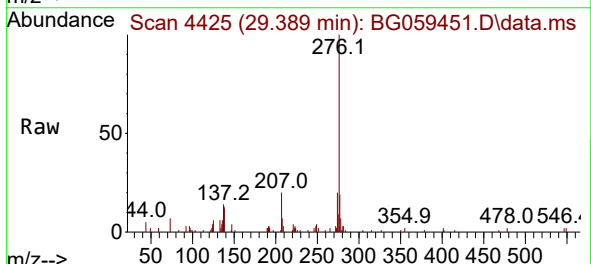
RT: 29.389 min Scan# 4425

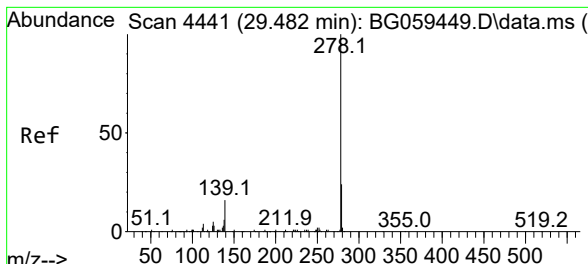
Delta R.T. -0.018 min

Lab File: BG059451.D

Acq: 16 Oct 2023 10:46

Tgt Ion:	276	Resp:	75159
Ion Ratio	Lower	Upper	
276	100		
138	12.5	13.4	20.2#
277	19.0	18.7	28.1





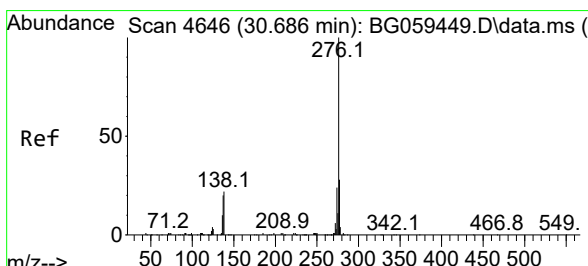
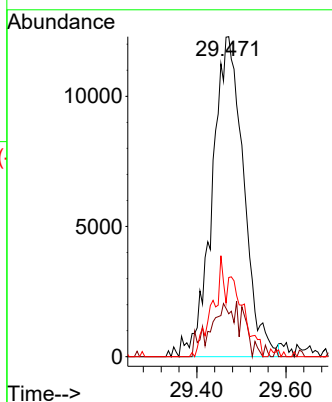
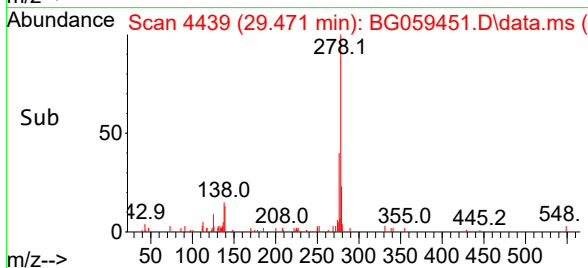
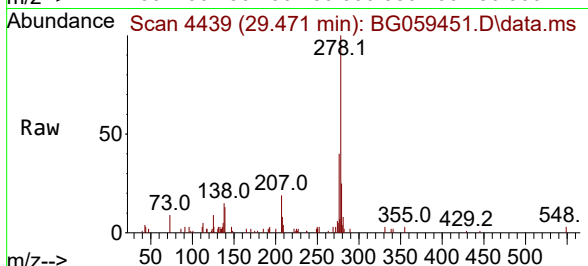
#95
 Dibenzo(a,h)anthracene
 Concen: 3.426 ng/ul m
 RT: 29.471 min Scan# 4439
 Delta R.T. -0.007 min
 Lab File: BG059451.D
 Acq: 16 Oct 2023 10:46

Instrument : BNA_G
 ClientSampleId :
 MDL-WATER-QT2-2023-04

Tgt Ion:	278	Resp:	5997
Ion Ratio	Lower	Upper	
278	100		
139	13.4	12.1	18.1
279	24.7	20.4	30.6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/17/2023
 Supervised By :mohammad ahmed 10/18/2023



#96
 Benzo(g,h,i)perylene
 Concen: 3.590 ng/ul m
 RT: 30.670 min Scan# 4643
 Delta R.T. -0.012 min
 Lab File: BG059451.D
 Acq: 16 Oct 2023 10:46

Tgt Ion:	276	Resp:	61737
Ion Ratio	Lower	Upper	
276	100		
138	28.1	16.5	24.7#
277	28.0	12.9	19.3#

