

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082323\
 Data File : BG058826.D
 Acq On : 23 Aug 2023 17:38
 Operator : MA/JU
 Sample : 04110-04MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

TP-04(1-2)MS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2023

Supervised By :mohammad ahmed 08/24/2023

Quant Time: Aug 24 02:45:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 01:40:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.807	152	16534	20.000	ng	0.00
21) Naphthalene-d8	10.603	136	76405	20.000	ng	0.00
39) Acenaphthene-d10	14.452	164	61319	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	149776	20.000	ng	0.00
76) Chrysene-d12	21.449	240	124315	20.000	ng	0.00
86) Perylene-d12	24.516	264	160309	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.380	112	113523	110.492	ng	0.00
7) Phenol-d6	6.984	99	166036	115.183	ng	0.00
23) Nitrobenzene-d5	8.970	82	100750	63.397	ng	0.00
42) 2,4,6-Tribromophenol	15.950	330	95635	99.467	ng	0.00
45) 2-Fluorobiphenyl	13.071	172	243882	57.848	ng	0.00
79) Terphenyl-d14	19.822	244	449714	64.956	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.259	88	19984	41.371	ng	93
3) Pyridine	3.658	79	48898	38.307	ng	97
4) n-Nitrosodimethylamine	3.576	42	33924	48.885	ng	97
6) Aniline	7.131	93	45795	25.989	ng	97
8) 2-Chlorophenol	7.372	128	65722	63.265	ng	99
9) Benzaldehyde	6.943	77	25740m	31.834	ng	
10) Phenol	7.007	94	90120	64.834	ng	97
11) bis(2-Chloroethyl)ether	7.225	93	56605	52.190	ng	97
12) 1,3-Dichlorobenzene	7.695	146	60797	55.097	ng	96
13) 1,4-Dichlorobenzene	7.842	146	63022	56.479	ng	99
14) 1,2-Dichlorobenzene	8.159	146	60310	55.921	ng	99
15) Benzyl Alcohol	8.047	79	65866	63.908	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.329	45	129008m	55.812	ng	
17) 2-Methylphenol	8.259	107	61770	60.504	ng	95
18) Hexachloroethane	8.882	117	22077	54.303	ng	94
19) n-Nitroso-di-n-propyla...	8.611	70	52894	56.765	ng	99
20) 3+4-Methylphenols	8.588	107	85825	62.529	ng	99
22) Acetophenone	8.629	105	101848	49.243	ng	99
24) Nitrobenzene	9.011	77	76875	48.636	ng	93
25) Isophorone	9.534	82	155357	49.158	ng	99
26) 2-Nitrophenol	9.722	139	35747	54.075	ng	95
27) 2,4-Dimethylphenol	9.787	122	62720	55.983	ng	96
28) bis(2-Chloroethoxy)met...	10.016	93	85048	50.804	ng	99
29) 2,4-Dichlorophenol	10.262	162	71187	61.835	ng	97
30) 1,2,4-Trichlorobenzene	10.468	180	71341	51.317	ng	99
31) Naphthalene	10.656	128	201946	50.339	ng	99
32) Benzoic acid	9.963	122	43469m	61.482	ng	
33) 4-Chloroaniline	10.780	127	29578	17.482	ng	97
34) Hexachlorobutadiene	10.938	225	47225	50.332	ng	99
35) Caprolactam	11.561	113	25058m	60.742	ng	
36) 4-Chloro-3-methylphenol	11.908	107	88275	61.659	ng	98
37) 2-Methylnaphthalene	12.272	142	148178	51.427	ng	99
38) 1-Methylnaphthalene	12.489	142	146823	53.681	ng	97
40) 1,2,4,5-Tetrachloroben...	12.642	216	89734	47.469	ng	99
41) Hexachlorocyclopentadiene	12.619	237	66919	88.887	ng	99
43) 2,4,6-Trichlorophenol	12.889	196	66194	55.031	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.971	196	72886	50.601	ng	96
46) 1,1'-Biphenyl	13.288	154	206560	48.900	ng	99
47) 2-Chloronaphthalene	13.329	162	165304	50.216	ng	99
48) 2-Nitroaniline	13.541	65	64858	51.877	ng	95
49) Acenaphthylene	14.181	152	280485	51.380	ng	99
50) Dimethylphthalate	13.917	163	233597	49.201	ng	100
51) 2,6-Dinitrotoluene	14.040	165	52282	52.416	ng	94
52) Acenaphthene	14.522	154	160629	50.352	ng	95
53) 3-Nitroaniline	14.375	138	21595	22.448	ng	# 95
54) 2,4-Dinitrophenol	14.587	184	53384	94.403	ng	92
55) Dibenzofuran	14.857	168	274273	49.841	ng	99
56) 4-Nitrophenol	14.698	139	75829	107.342	ng	99
57) 2,4-Dinitrotoluene	14.834	165	75337	54.152	ng	99
58) Fluorene	15.503	166	222551	50.817	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.086	232	67437	57.373	ng	96
60) Diethylphthalate	15.274	149	246639	50.385	ng	98
61) 4-Chlorophenyl-phenyle...	15.498	204	123223	50.763	ng	96
62) 4-Nitroaniline	15.545	138	49785	50.994	ng	95
63) Azobenzene	15.791	77	226863	50.472	ng	98
65) 4,6-Dinitro-2-methylph...	15.603	198	43512	51.396	ng	98
66) n-Nitrosodiphenylamine	15.715	169	199164	51.593	ng	97
67) 4-Bromophenyl-phenylether	16.391	248	83937	51.070	ng	98
68) Hexachlorobenzene	16.508	284	94092	53.192	ng	97
69) Atrazine	16.667	200	81619	59.744	ng	99
70) Pentachlorophenol	16.861	266	85567	92.250	ng	98
71) Phenanthrene	17.248	178	363104	50.499	ng	99
72) Anthracene	17.337	178	366648	50.842	ng	100
73) Carbazole	17.613	167	341208	51.668	ng	99
74) Di-n-butylphthalate	18.159	149	421525	50.599	ng	99
75) Fluoranthene	19.264	202	433783	48.648	ng	99
77) Benzidine	19.452	184	110079	49.408	ng	99
78) Pyrene	19.622	202	444083	51.269	ng	98
80) Butylbenzylphthalate	20.509	149	186142	52.987	ng	99
81) Benzo(a)anthracene	21.426	228	442821	51.173	ng	99
82) 3,3'-Dichlorobenzidine	21.349	252	91796	30.726	ng	97
83) Chrysene	21.491	228	416197	49.898	ng	99
84) Bis(2-ethylhexyl)phtha...	21.326	149	270273	52.456	ng	99
85) Di-n-octyl phthalate	22.478	149	471200	53.171	ng	100
87) Indeno(1,2,3-cd)pyrene	28.024	276	556476	51.307	ng	# 94
88) Benzo(b)fluoranthene	23.547	252	476429	53.563	ng	97
89) Benzo(k)fluoranthene	23.606	252	446652	48.691	ng	99
90) Benzo(a)pyrene	24.375	252	420181	47.976	ng	98
91) Dibenzo(a,h)anthracene	28.071	278	460955	51.721	ng	98
92) Benzo(g,h,i)perylene	29.111	276	451026	50.617	ng	98

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

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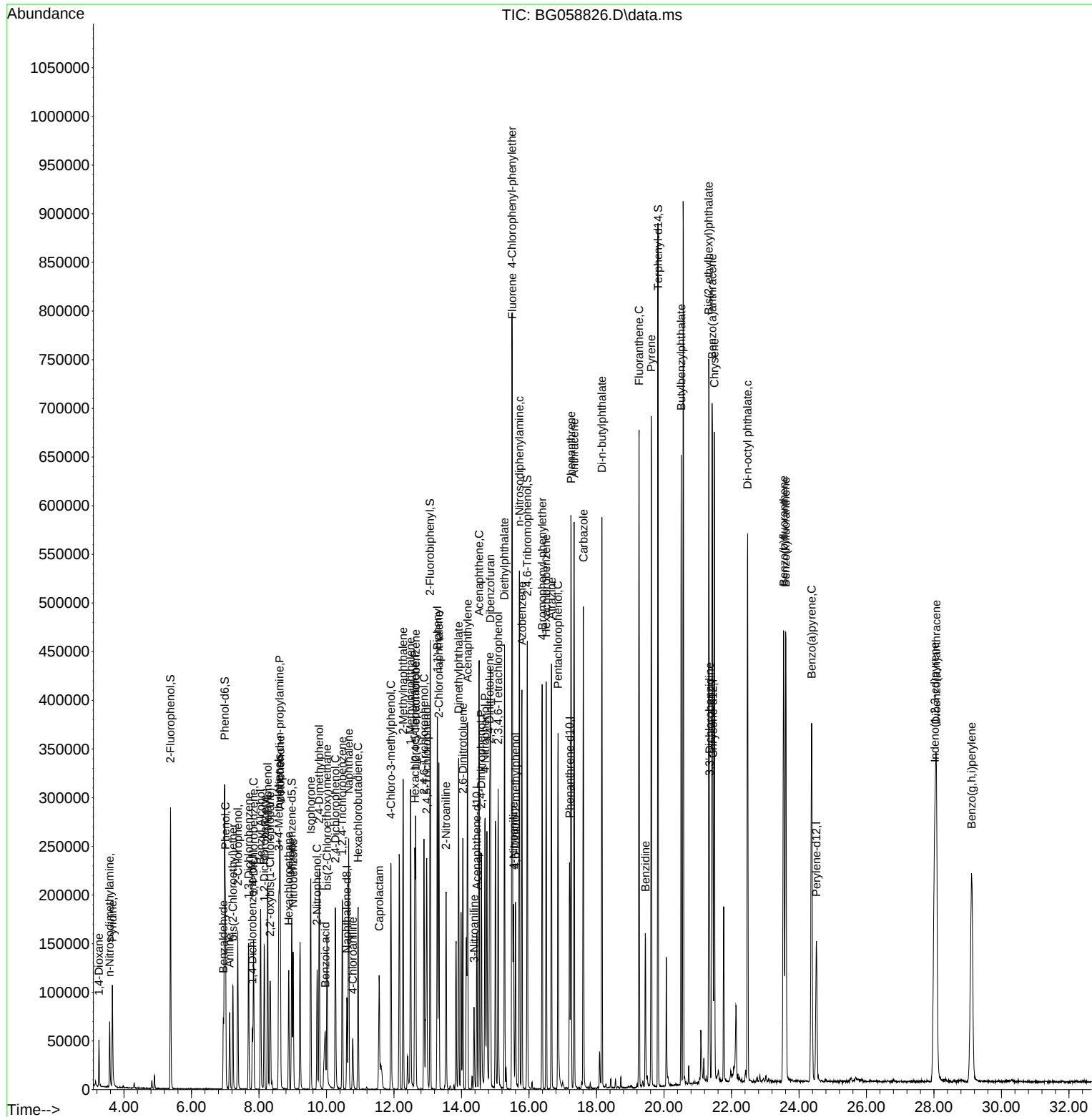
Quant Time: Aug 24 02:45:12 2023

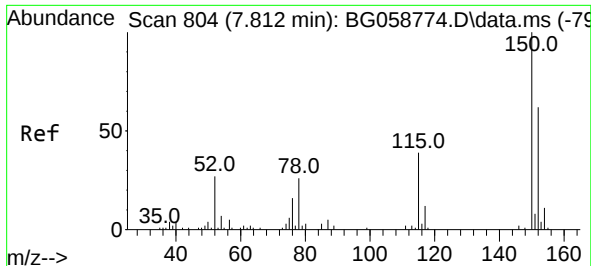
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M

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QLast Update : Mon Aug 21 01:40:57 2023

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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.807 min Scan# 80
Delta R.T. -0.005 min
Lab File: BG058826.D
Acq: 23 Aug 2023 17:38

Instrument :

BNA_G

ClientSampleId :

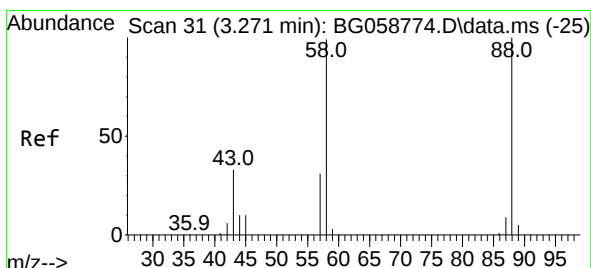
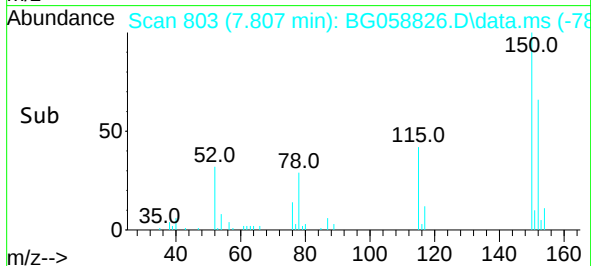
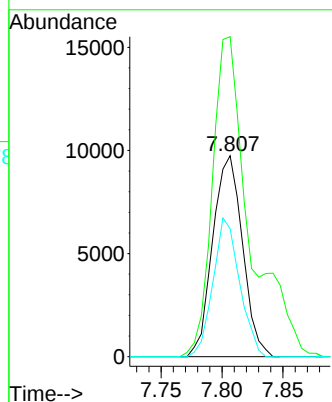
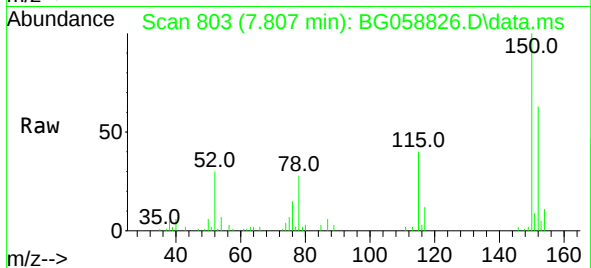
TP-04(1-2)MS

Tgt Ion:152 Resp: 16534
Ion Ratio Lower Upper
152 100
150 159.3 128.6 192.8
115 63.8 50.4 75.6

Manual Integrations

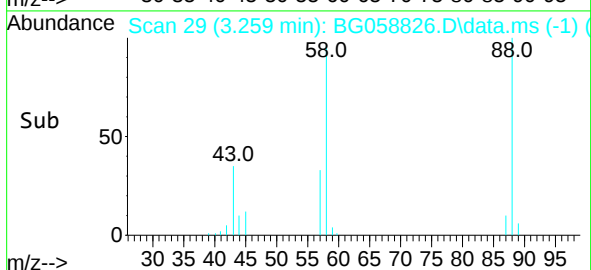
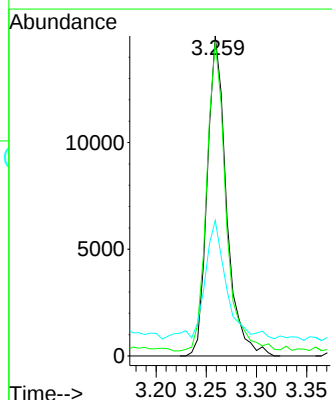
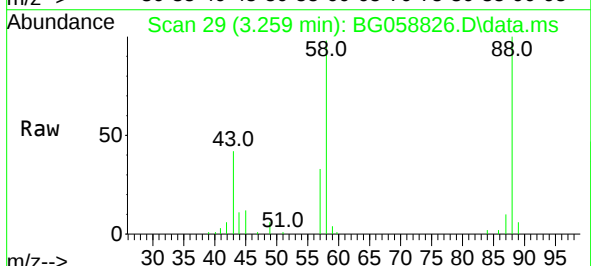
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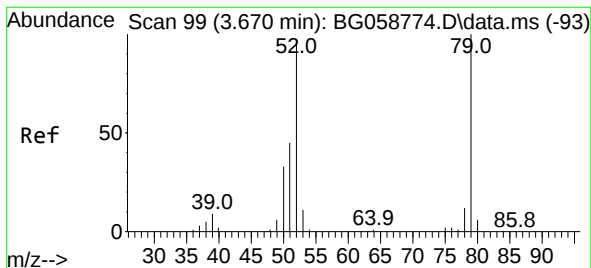
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#2
1,4-Dioxane
Concen: 41.371 ng
RT: 3.259 min Scan# 29
Delta R.T. -0.012 min
Lab File: BG058826.D
Acq: 23 Aug 2023 17:38

Tgt Ion: 88 Resp: 19984
Ion Ratio Lower Upper
88 100
58 96.5 82.8 124.2
43 41.7 30.1 45.1





#3

Pyridine

Concen: 38.307 ng

RT: 3.658 min Scan# 91

Delta R.T. -0.012 min

Lab File: BG058826.D

Acq: 23 Aug 2023 17:38

Instrument :

BNA_G

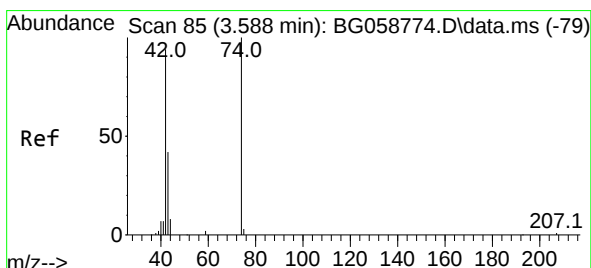
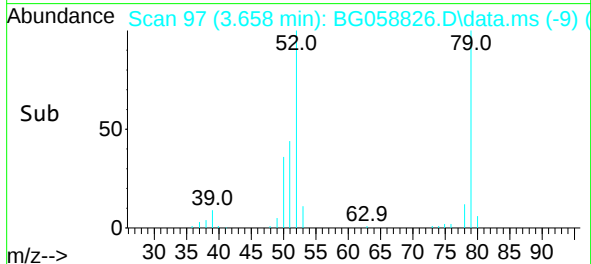
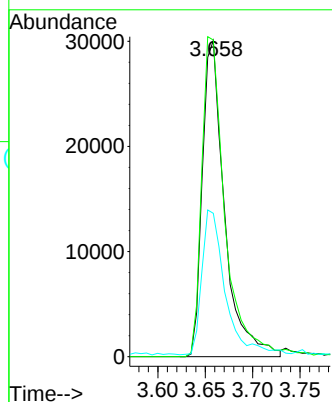
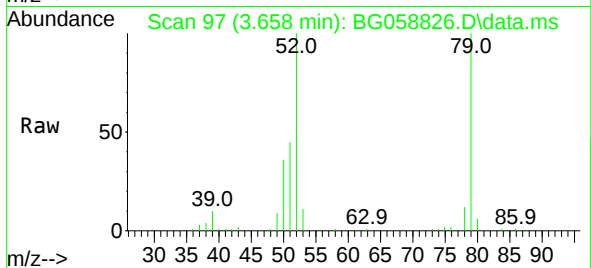
ClientSampleId :

TP-04(1-2)MS

Tgt Ion: 79	Resp: 4889
Ion Ratio	Lower Upper
79 100	
52 100.2	77.6 116.4
51 45.4	37.5 56.3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#4

n-Nitrosodimethylamine

Concen: 48.885 ng

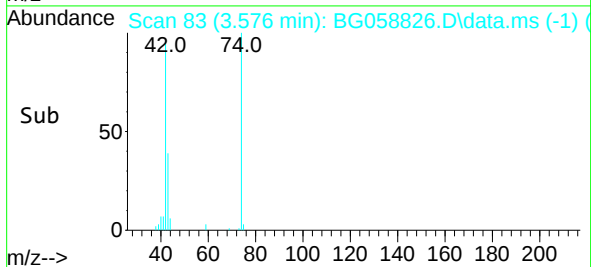
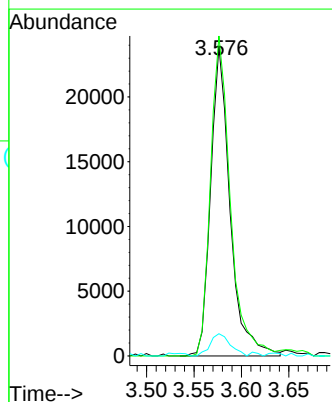
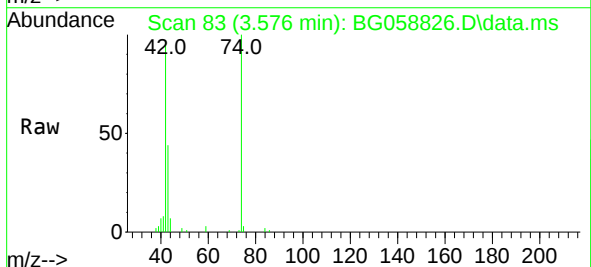
RT: 3.576 min Scan# 83

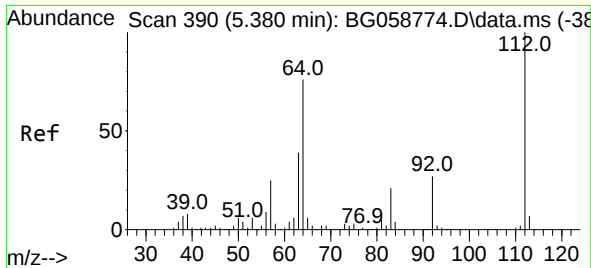
Delta R.T. -0.012 min

Lab File: BG058826.D

Acq: 23 Aug 2023 17:38

Tgt Ion: 42	Resp: 33924
Ion Ratio	Lower Upper
42 100	
74 103.4	85.1 127.7
44 7.2	6.9 10.3





#5
2-Fluorophenol
Concen: 110.492 ng
RT: 5.380 min Scan# 390
Delta R.T. 0.000 min
Lab File: BG058826.D
Acq: 23 Aug 2023 17:38

Instrument :

BNA_G

ClientSampleId :

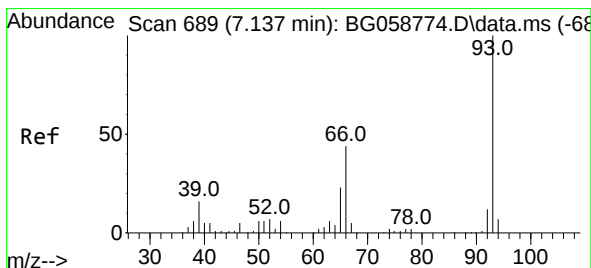
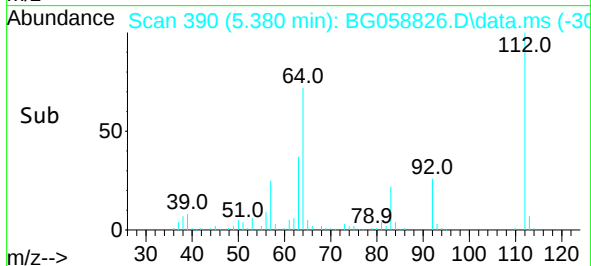
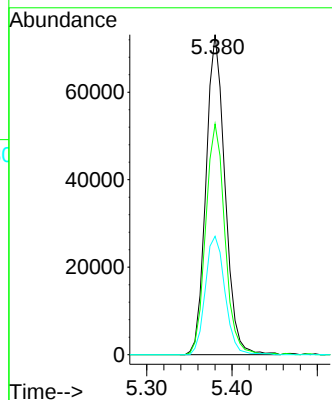
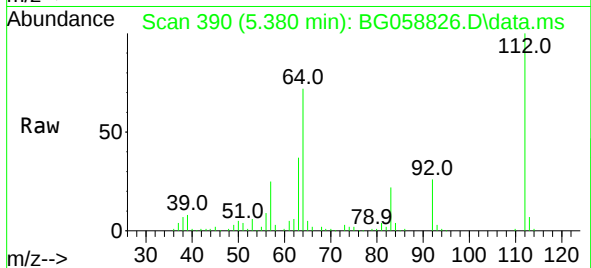
TP-04(1-2)MS

Tgt Ion:112 Resp: 11352
Ion Ratio Lower Upper
112 100
64 72.1 60.6 90.8
63 37.0 31.0 46.4

Manual Integrations

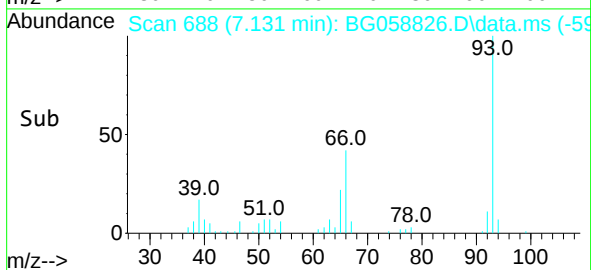
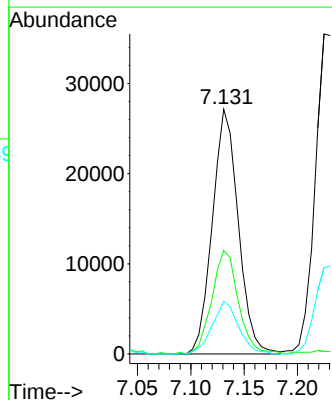
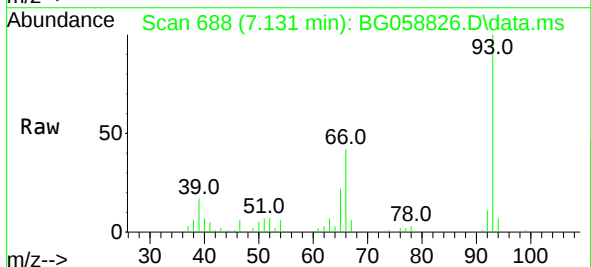
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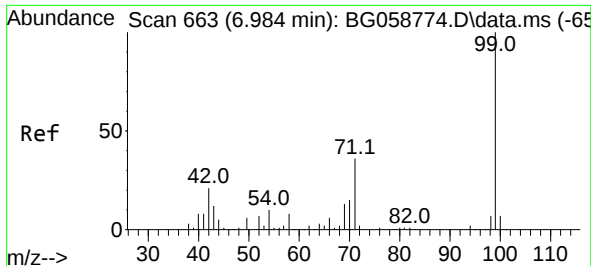
Reviewed By :Yogesh Patel 08/24/2023
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#6
Aniline
Concen: 25.989 ng
RT: 7.131 min Scan# 688
Delta R.T. -0.006 min
Lab File: BG058826.D
Acq: 23 Aug 2023 17:38

Tgt Ion: 93 Resp: 45795
Ion Ratio Lower Upper
93 100
66 42.3 35.7 53.5
65 21.5 18.2 27.2





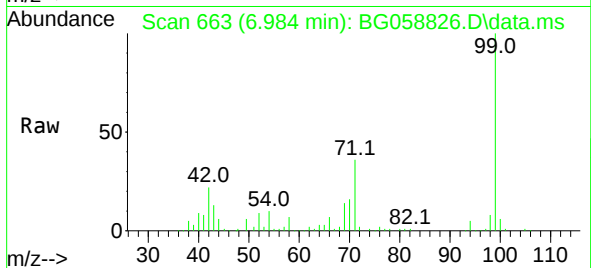
#7
Phenol-d6
Concen: 115.183 ng
RT: 6.984 min Scan# 60
Delta R.T. 0.000 min
Lab File: BG058826.D
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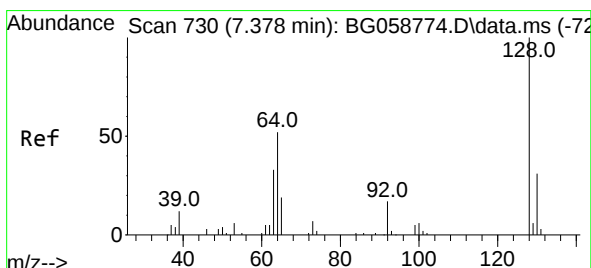
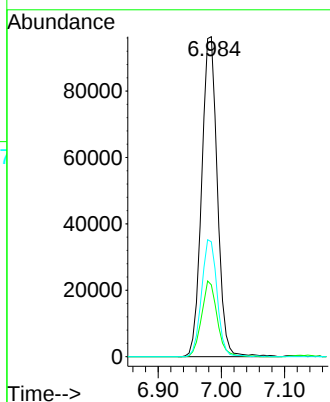
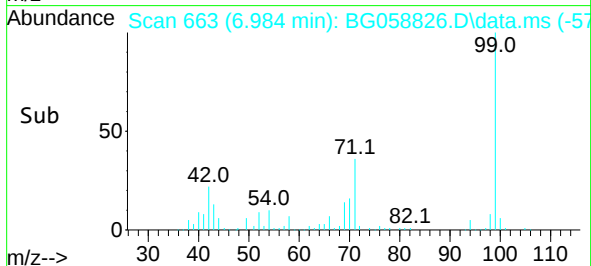
Tgt Ion: 99 Resp: 166030
Ion Ratio Lower Upper
99 100
42 22.5 16.5 24.7
71 35.9 28.4 42.6

Manual Integrations

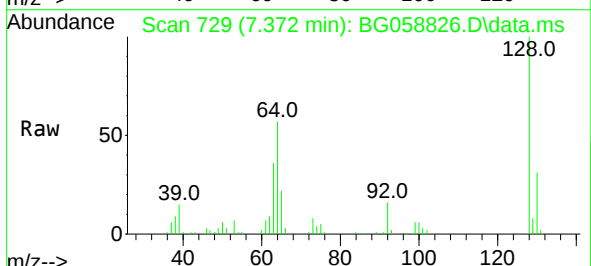
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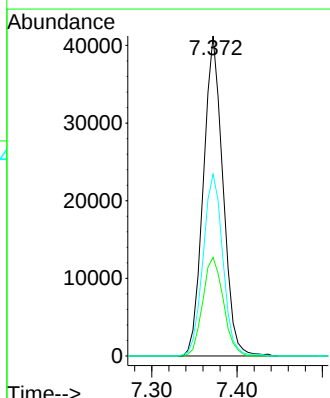
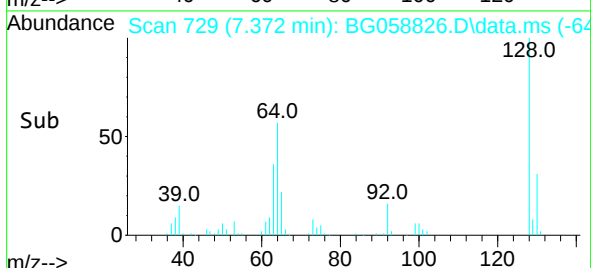
Supervised By :mohammad ahmed 08/24/2023

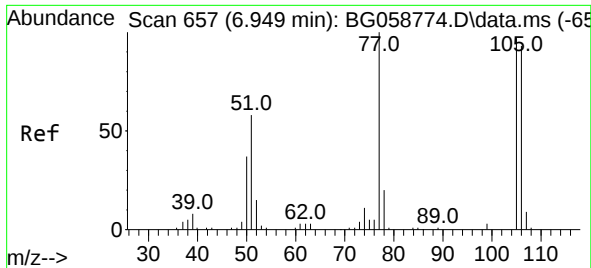


#8
2-Chlorophenol
Concen: 63.265 ng
RT: 7.372 min Scan# 729
Delta R.T. -0.006 min
Lab File: BG058826.D
Acq: 23 Aug 2023 17:38



Tgt Ion:128 Resp: 65722
Ion Ratio Lower Upper
128 100
130 30.8 10.9 50.9
64 56.8 38.4 78.4





#9
Benzaldehyde
Concen: 31.834 ng m
RT: 6.943 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG058826.D
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Instrument :

BNA_G

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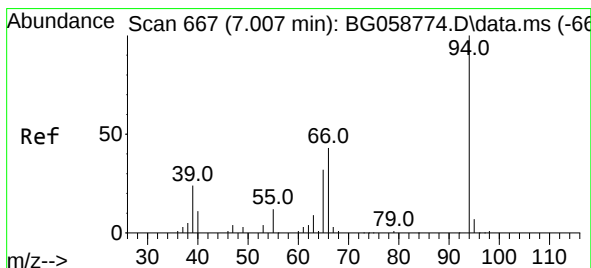
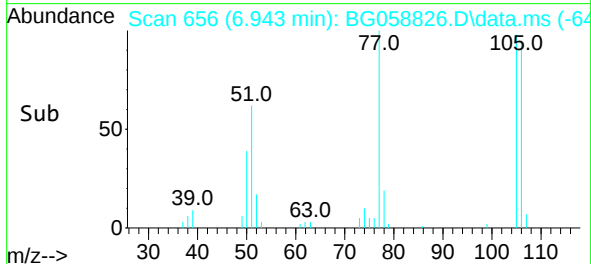
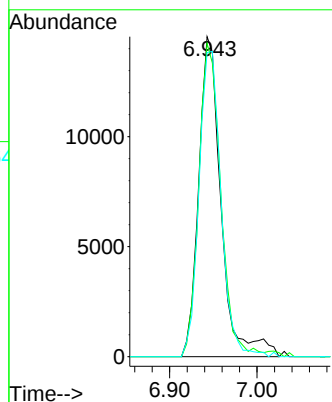
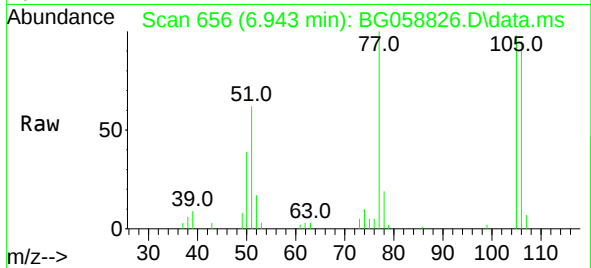
TP-04(1-2)MS

Tgt Ion: 77 Resp: 25740
Ion Ratio Lower Upper
77 100
105 97.9 76.7 116.7
106 95.1 73.4 113.4

Manual Integrations

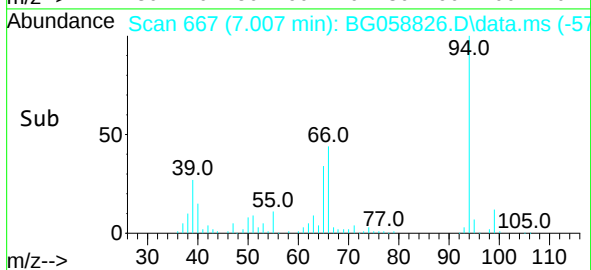
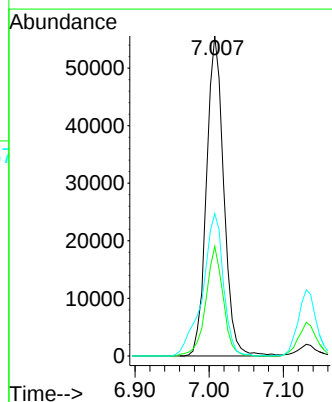
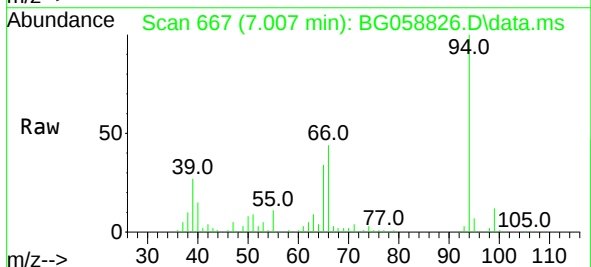
APPROVED

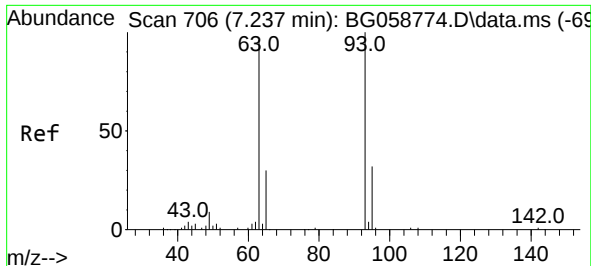
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#10
Phenol
Concen: 64.834 ng
RT: 7.007 min Scan# 667
Delta R.T. 0.000 min
Lab File: BG058826.D
Acq: 23 Aug 2023 17:38

Tgt Ion: 94 Resp: 90120
Ion Ratio Lower Upper
94 100
65 34.2 12.6 52.6
66 44.5 26.6 66.6





#11
bis(2-Chloroethyl)ether
Concen: 52.190 ng
RT: 7.225 min Scan# 706
Delta R.T. -0.012 min
Lab File: BG058826.D
Acq: 23 Aug 2023 17:38

Instrument :

BNA_G

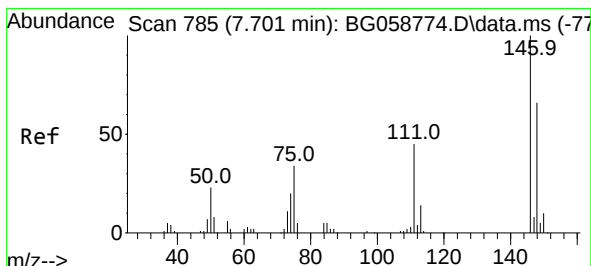
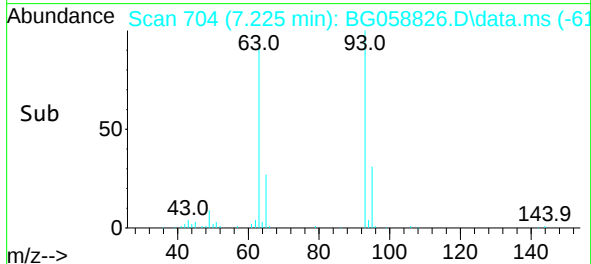
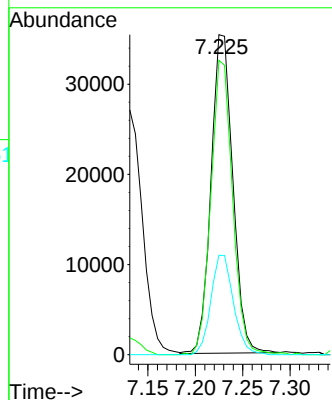
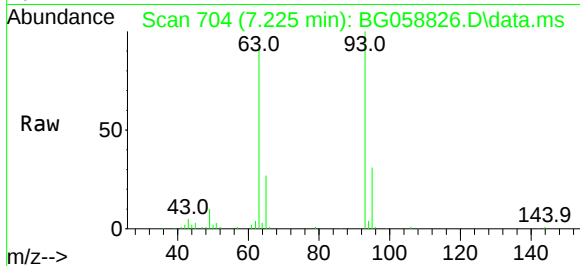
ClientSampleId :

TP-04(1-2)MS

Tgt Ion: 93 Resp: 5660
Ion Ratio Lower Upper
93 100
63 92.0 74.8 114.8
95 31.0 12.1 52.1

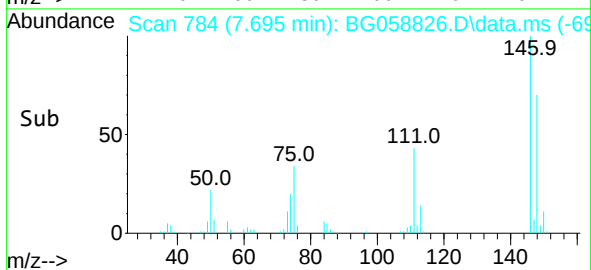
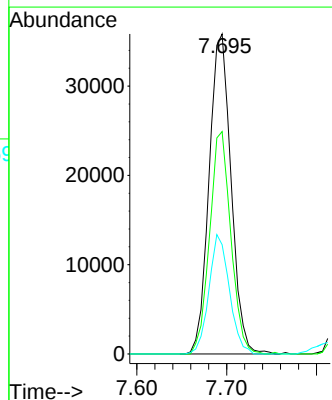
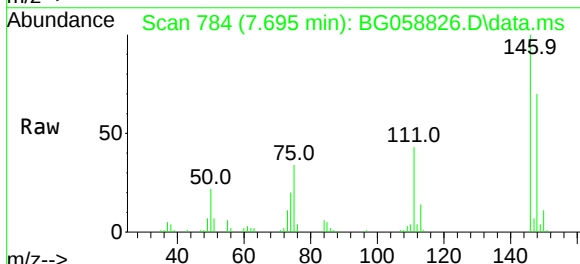
Manual Integrations
APPROVED

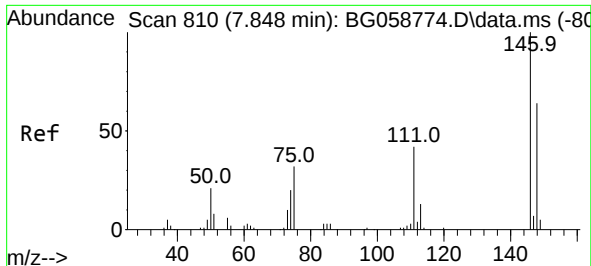
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#12
1,3-Dichlorobenzene
Concen: 55.097 ng
RT: 7.695 min Scan# 784
Delta R.T. -0.006 min
Lab File: BG058826.D
Acq: 23 Aug 2023 17:38

Tgt Ion:146 Resp: 60797
Ion Ratio Lower Upper
146 100
148 69.5 52.4 78.6
75 34.1 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 56.479 ng

RT: 7.842 min Scan# 80

Delta R.T. -0.006 min

Lab File: BG058826.D

Acq: 23 Aug 2023 17:38

Instrument :

BNA_G

ClientSampleId :

TP-04(1-2)MS

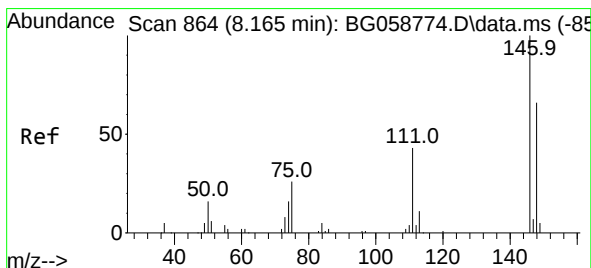
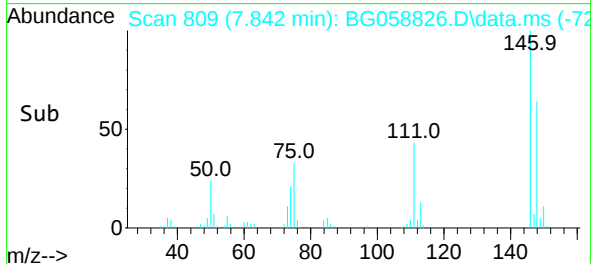
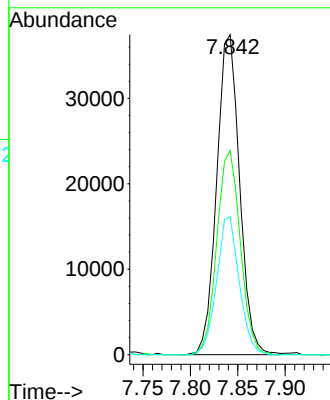
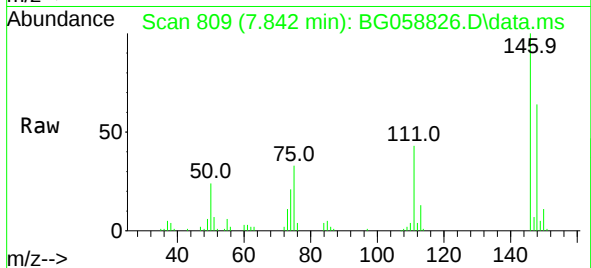
Tgt Ion:146 Resp: 6302
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.3 76.9
 111 43.2 33.8 50.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2023

Supervised By :mohammad ahmed 08/24/2023



#14

1,2-Dichlorobenzene

Concen: 55.921 ng

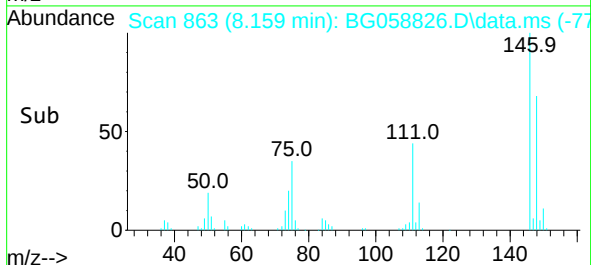
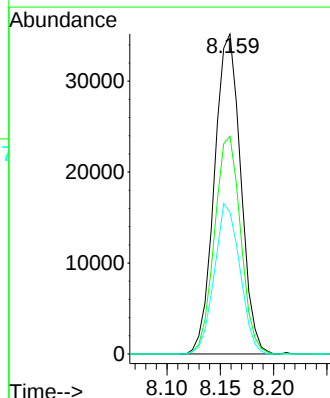
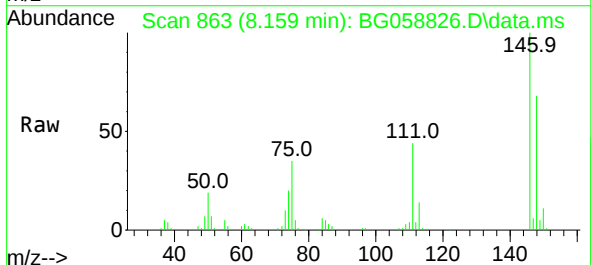
RT: 8.159 min Scan# 863

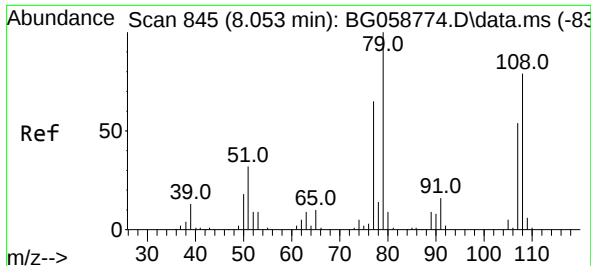
Delta R.T. -0.006 min

Lab File: BG058826.D

Acq: 23 Aug 2023 17:38

Tgt Ion:146 Resp: 60310
 Ion Ratio Lower Upper
 146 100
 148 68.0 52.9 79.3
 111 44.3 35.5 53.3





#15
Benzyl Alcohol
Concen: 63.908 ng
RT: 8.047 min Scan# 844
Delta R.T. -0.006 min
Lab File: BG058826.D
Acq: 23 Aug 2023 17:38

Instrument :

BNA_G

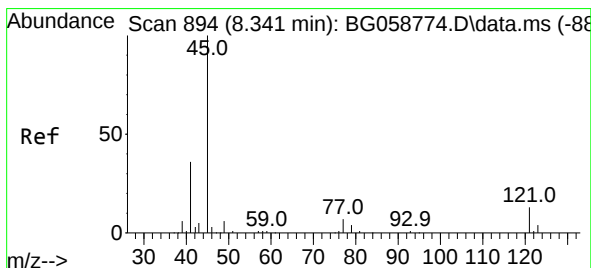
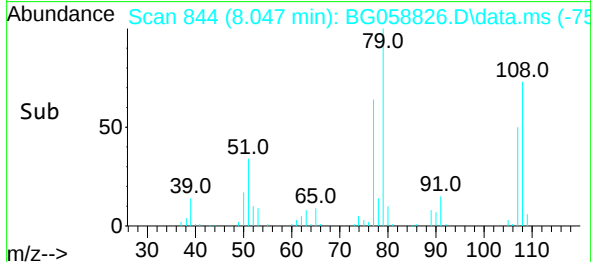
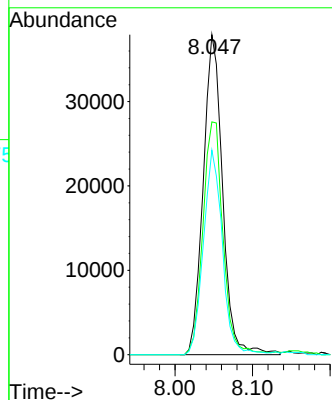
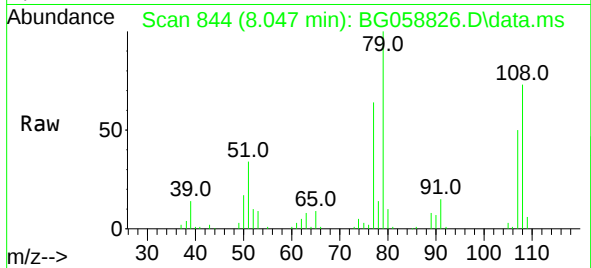
ClientSampleId :

TP-04(1-2)MS

Tgt Ion: 79 Resp: 65860
Ion Ratio Lower Upper
79 100
108 72.7 63.4 95.0
77 63.9 52.2 78.2

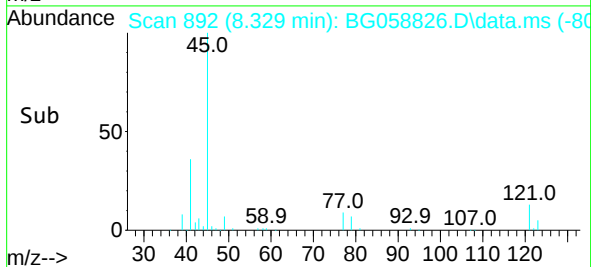
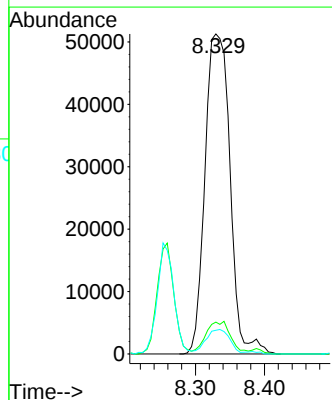
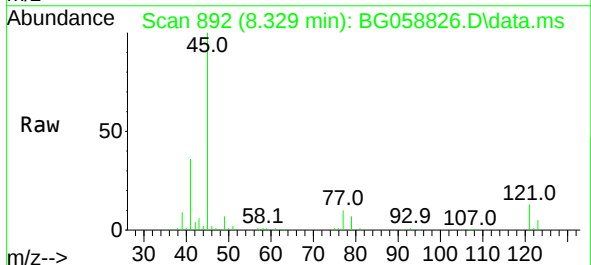
Manual Integrations
APPROVED

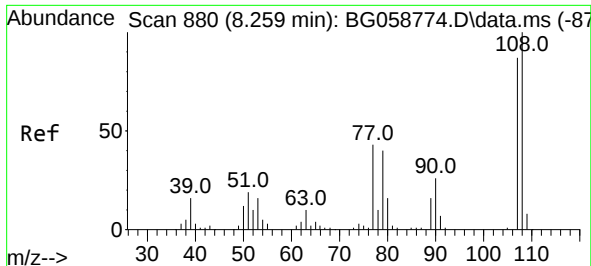
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 55.812 ng m
RT: 8.329 min Scan# 892
Delta R.T. -0.012 min
Lab File: BG058826.D
Acq: 23 Aug 2023 17:38

Tgt Ion: 45 Resp: 129008
Ion Ratio Lower Upper
45 100
77 10.0 0.0 30.3
79 7.4 0.0 27.7





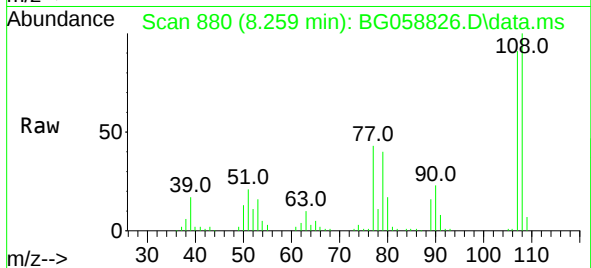
#17
2-Methylphenol
Concen: 60.504 ng
RT: 8.259 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG058826.D
Acq: 23 Aug 2023 17:38

Instrument :

BNA_G

ClientSampleId :

TP-04(1-2)MS

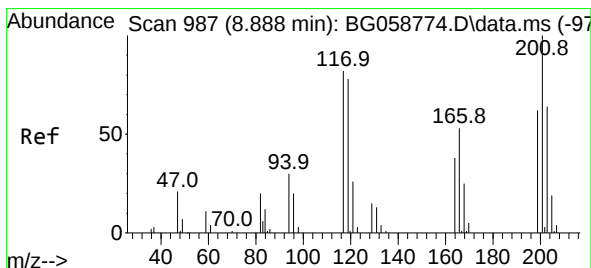
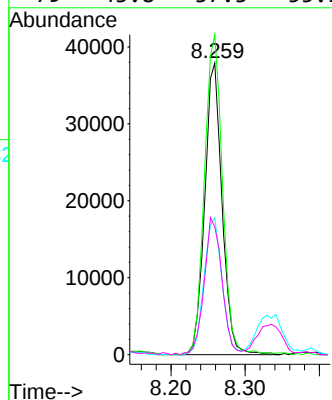


Tgt Ion:107 Resp: 61770
Ion Ratio Lower Upper
107 100
108 109.7 92.2 138.2
77 46.9 40.0 60.0
79 43.8 37.3 55.9

Manual Integrations

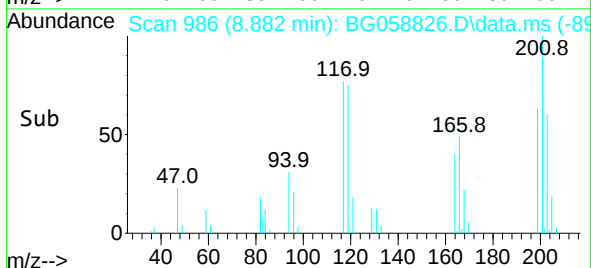
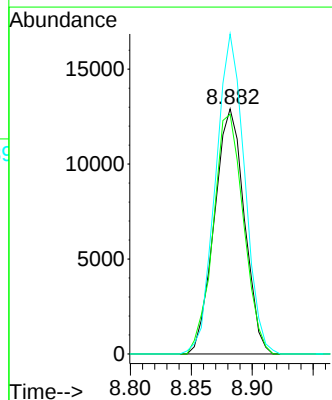
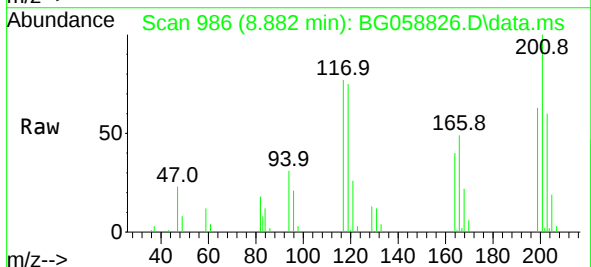
APPROVED

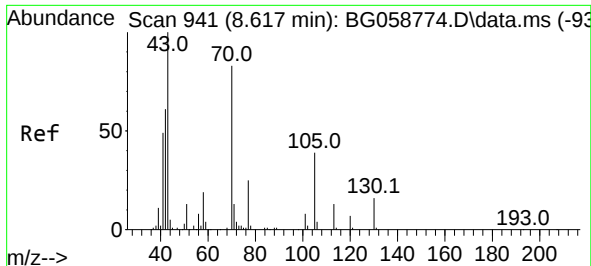
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#18
Hexachloroethane
Concen: 54.303 ng
RT: 8.882 min Scan# 986
Delta R.T. -0.006 min
Lab File: BG058826.D
Acq: 23 Aug 2023 17:38

Tgt Ion:117 Resp: 22077
Ion Ratio Lower Upper
117 100
119 97.8 76.6 115.0
201 130.6 97.0 145.6





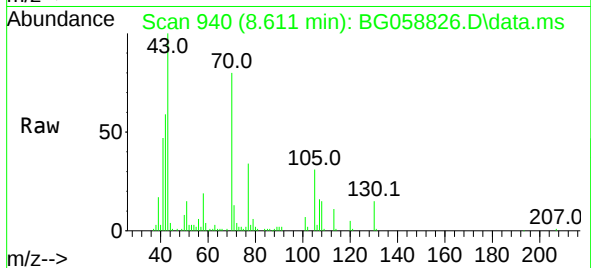
#19
n-Nitroso-di-n-propylamine
Concen: 56.765 ng
RT: 8.611 min Scan# 941
Delta R.T. -0.006 min
Lab File: BG058826.D
Acq: 23 Aug 2023 17:38

Instrument :

BNA_G

ClientSampleId :

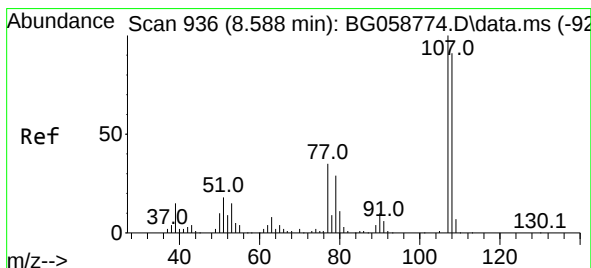
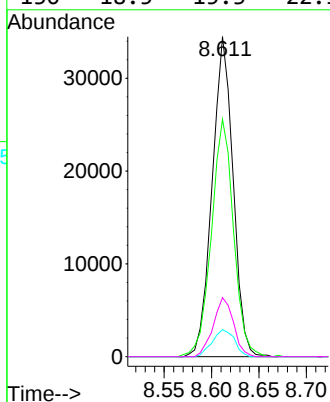
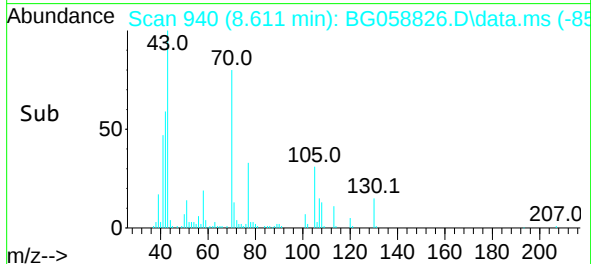
TP-04(1-2)MS



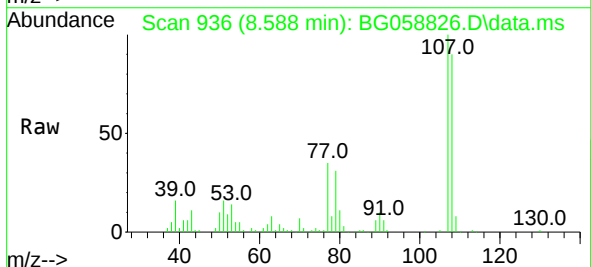
Tgt Ion: 70 Resp: 52894
Ion Ratio Lower Upper
70 100
42 74.2 59.2 88.8
101 8.4 8.2 12.2
130 18.5 15.3 22.9

Manual Integrations
APPROVED

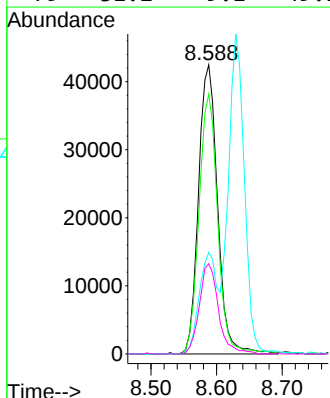
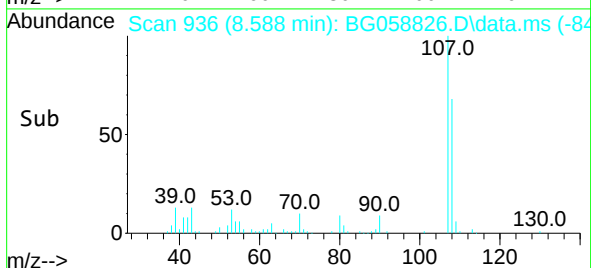
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023

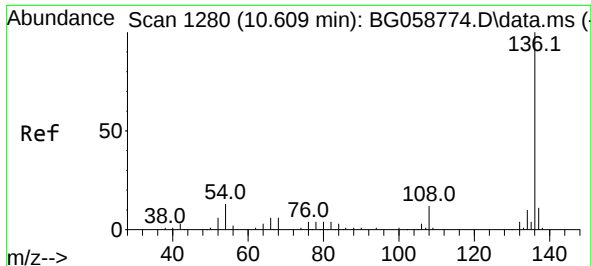


#20
3+4-Methylphenols
Concen: 62.529 ng
RT: 8.588 min Scan# 936
Delta R.T. 0.000 min
Lab File: BG058826.D
Acq: 23 Aug 2023 17:38



Tgt Ion:107 Resp: 85825
Ion Ratio Lower Upper
107 100
108 89.9 70.6 110.6
77 35.1 14.8 54.8
79 31.2 9.1 49.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.603 min Scan# 136
Delta R.T. -0.006 min
Lab File: BG058826.D
Acq: 23 Aug 2023 17:38

Instrument :

BNA_G

ClientSampleId :

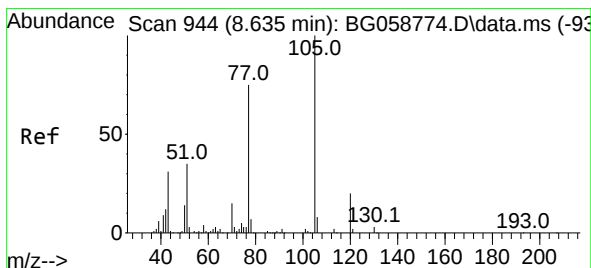
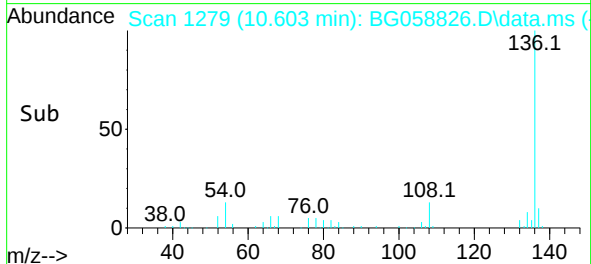
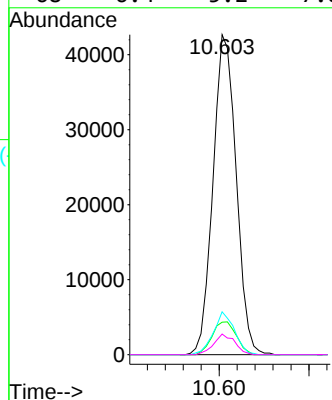
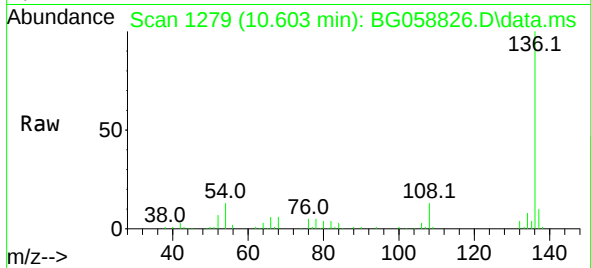
TP-04(1-2)MS

Tgt Ion:136 Resp: 7640
Ion Ratio Lower Upper
136 100
137 10.2 8.7 13.1
54 13.4 10.1 15.1
68 6.4 5.2 7.8

Manual Integrations

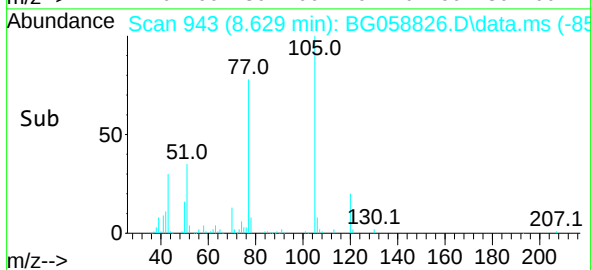
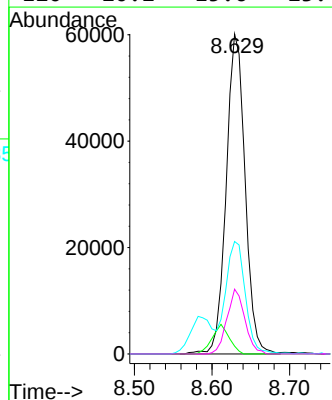
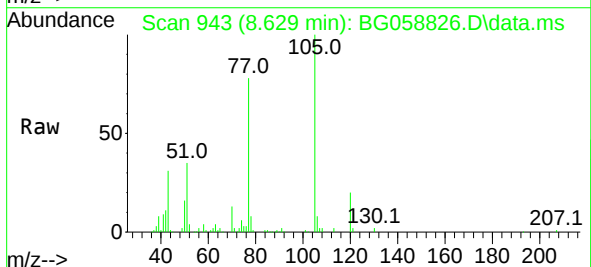
APPROVED

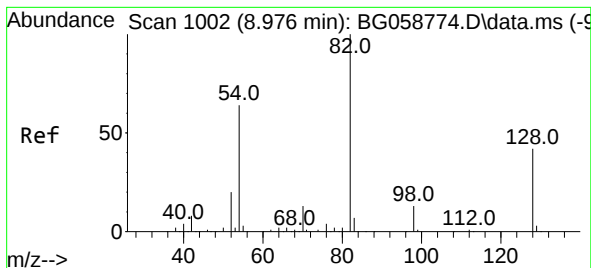
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#22
Acetophenone
Concen: 49.243 ng
RT: 8.629 min Scan# 943
Delta R.T. -0.006 min
Lab File: BG058826.D
Acq: 23 Aug 2023 17:38

Tgt Ion:105 Resp: 101848
Ion Ratio Lower Upper
105 100
71 2.5 2.2 3.2
51 35.1 28.5 42.7
120 20.2 15.6 23.4





#23

Nitrobenzene-d5

Concen: 63.397 ng

RT: 8.970 min Scan# 1002

Delta R.T. -0.006 min

Lab File: BG058826.D

Acq: 23 Aug 2023 17:38

Instrument :

BNA_G

ClientSampleId :

TP-04(1-2)MS

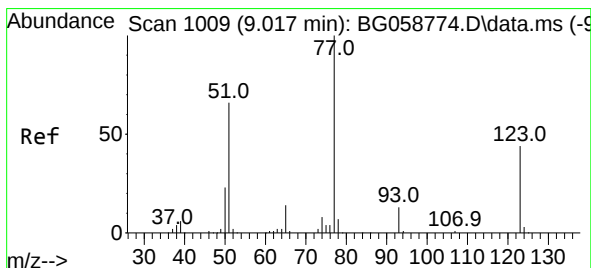
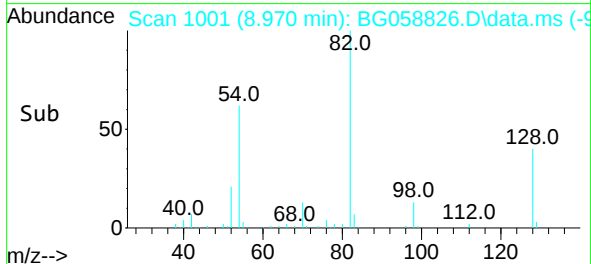
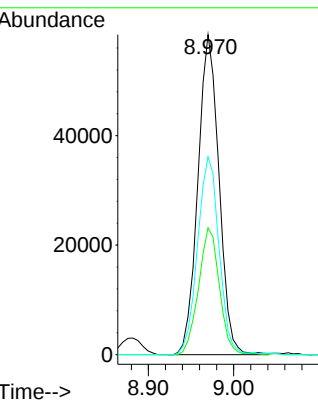
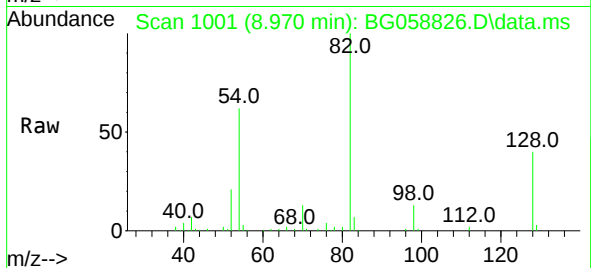
Tgt Ion: 82 Resp: 100750
 Ion Ratio Lower Upper
 82 100
 128 39.6 33.2 49.8
 54 61.8 51.2 76.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2023

Supervised By :mohammad ahmed 08/24/2023



#24

Nitrobenzene

Concen: 48.636 ng

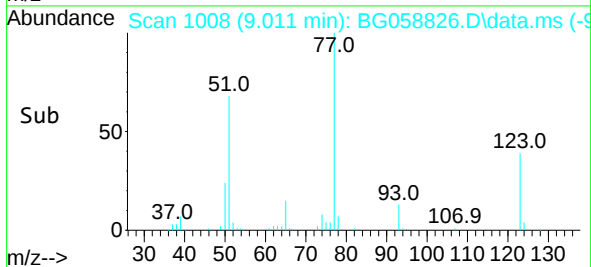
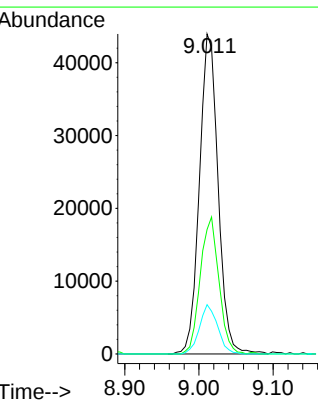
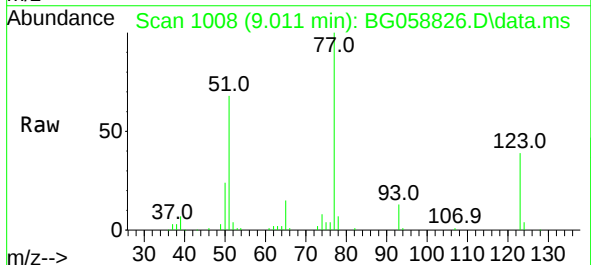
RT: 9.011 min Scan# 1008

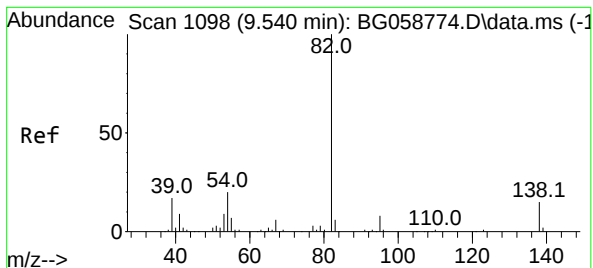
Delta R.T. -0.006 min

Lab File: BG058826.D

Acq: 23 Aug 2023 17:38

Tgt Ion: 77 Resp: 76875
 Ion Ratio Lower Upper
 77 100
 123 38.9 34.9 52.3
 65 15.4 10.9 16.3





#25

Isophorone

Concen: 49.158 ng

RT: 9.534 min Scan# 1109

Delta R.T. -0.006 min

Lab File: BG058826.D

Acq: 23 Aug 2023 17:38

Instrument :

BNA_G

ClientSampleId :

TP-04(1-2)MS

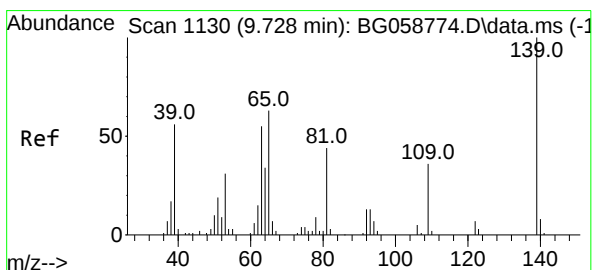
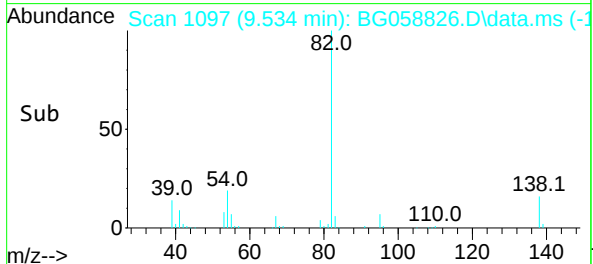
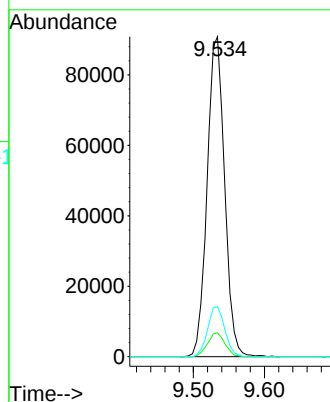
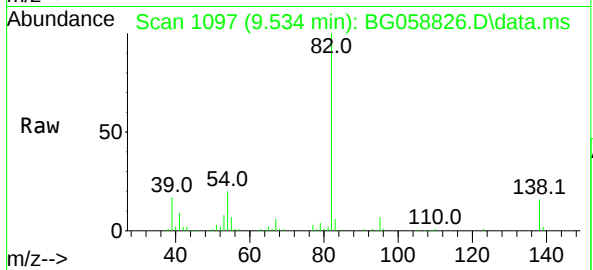
Tgt Ion: 82 Resp: 15535
 Ion Ratio Lower Upper
 82 100
 95 7.5 6.1 9.1
 138 15.6 12.2 18.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2023

Supervised By :mohammad ahmed 08/24/2023



#26

2-Nitrophenol

Concen: 54.075 ng

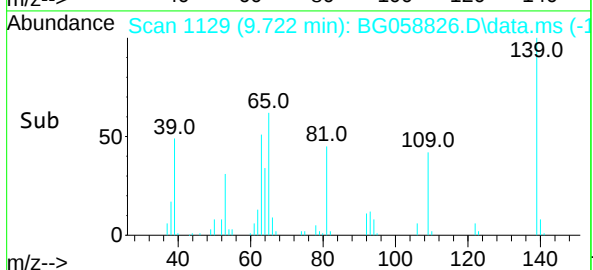
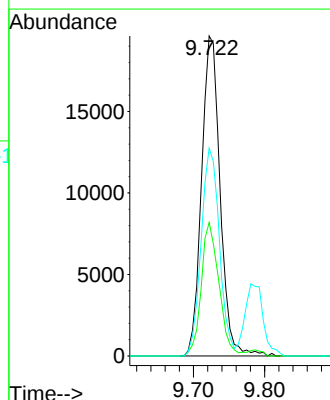
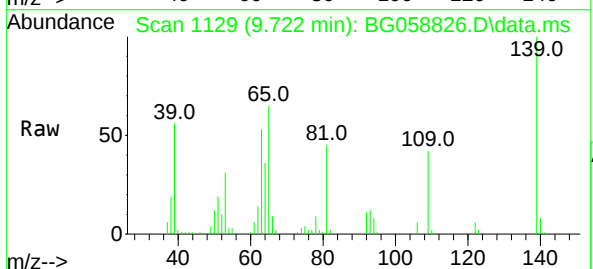
RT: 9.722 min Scan# 1129

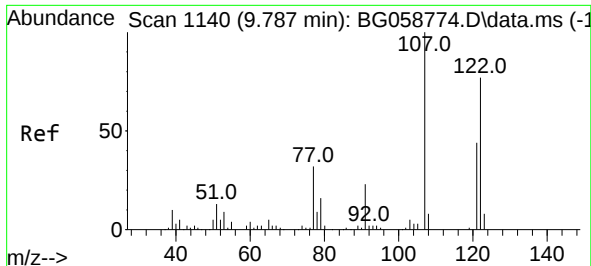
Delta R.T. -0.006 min

Lab File: BG058826.D

Acq: 23 Aug 2023 17:38

Tgt Ion:139 Resp: 35747
 Ion Ratio Lower Upper
 139 100
 109 41.7 28.7 43.1
 65 65.0 50.6 76.0





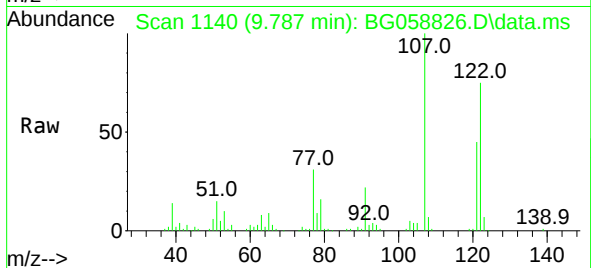
#27
2,4-Dimethylphenol
Concen: 55.983 ng
RT: 9.787 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BG058826.D
Acq: 23 Aug 2023 17:38

Instrument :

BNA_G

ClientSampleId :

TP-04(1-2)MS

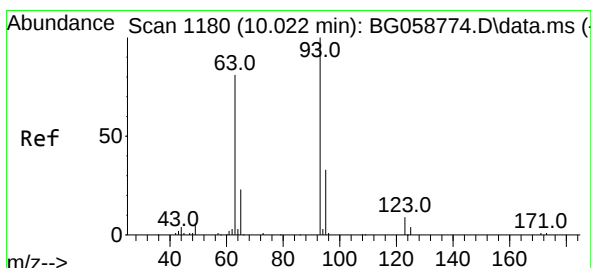
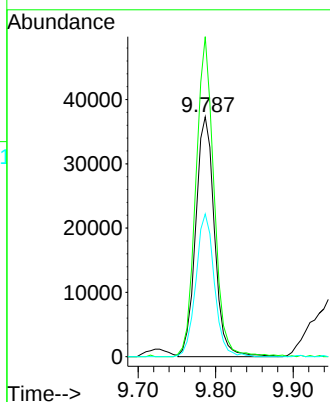
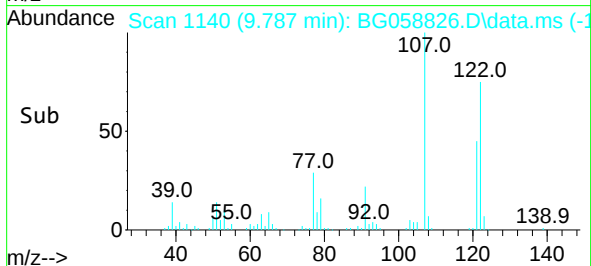


Tgt Ion:122 Resp: 62720
Ion Ratio Lower Upper
122 100
107 133.4 102.6 154.0
121 59.5 45.0 67.4

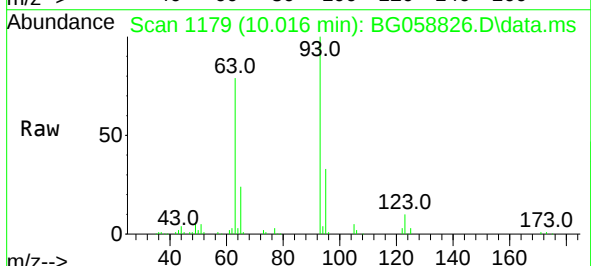
Manual Integrations

APPROVED

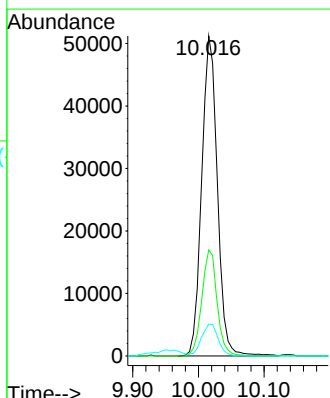
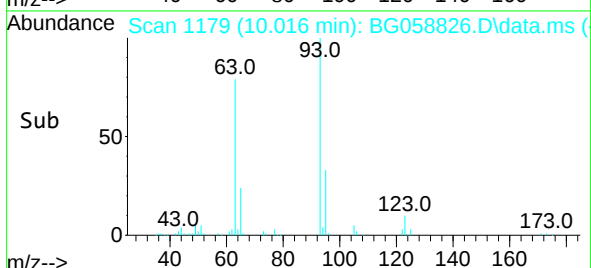
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023

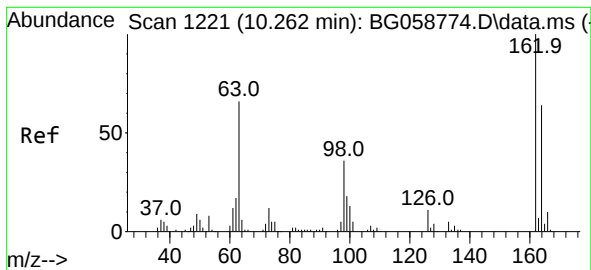


#28
bis(2-Chloroethoxy)methane
Concen: 50.804 ng
RT: 10.016 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BG058826.D
Acq: 23 Aug 2023 17:38



Tgt Ion: 93 Resp: 85048
Ion Ratio Lower Upper
93 100
95 33.2 26.2 39.4
123 10.0 8.1 12.1





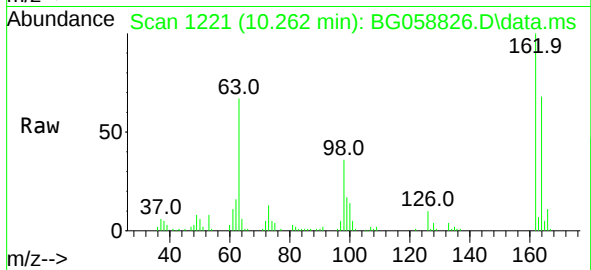
#29
2,4-Dichlorophenol
Concen: 61.835 ng
RT: 10.262 min Scan# 1221
Delta R.T. 0.000 min
Lab File: BG058826.D
Acq: 23 Aug 2023 17:38

Instrument :

BNA_G

ClientSampleId :

TP-04(1-2)MS

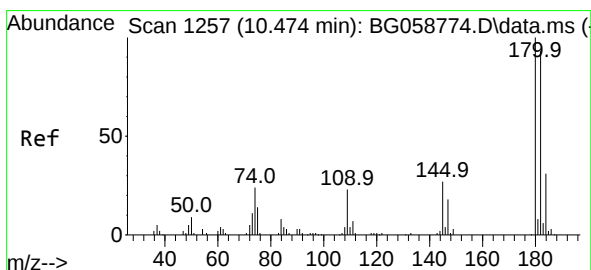
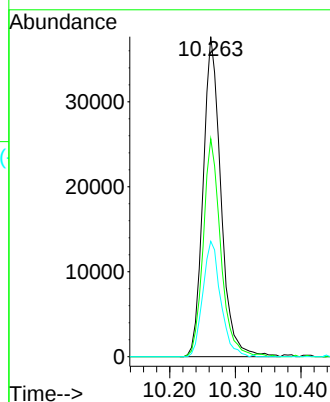
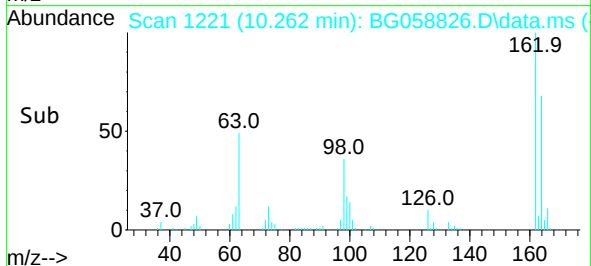


Tgt Ion:162 Resp: 7118
Ion Ratio Lower Upper
162 100
164 68.1 44.4 84.4
98 36.0 16.1 56.1

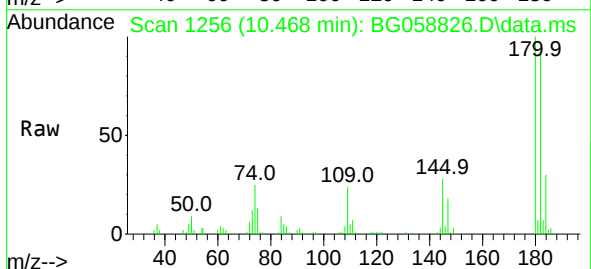
Manual Integrations

APPROVED

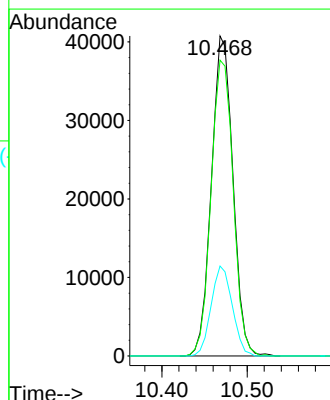
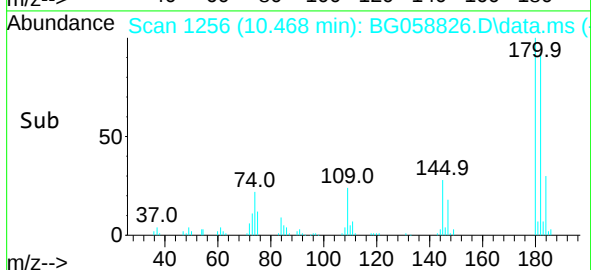
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023

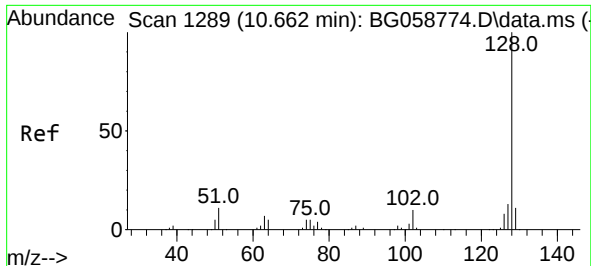


#30
1,2,4-Trichlorobenzene
Concen: 51.317 ng
RT: 10.468 min Scan# 1256
Delta R.T. -0.006 min
Lab File: BG058826.D
Acq: 23 Aug 2023 17:38



Tgt Ion:180 Resp: 71341
Ion Ratio Lower Upper
180 100
182 92.5 74.6 112.0
145 28.1 21.4 32.0





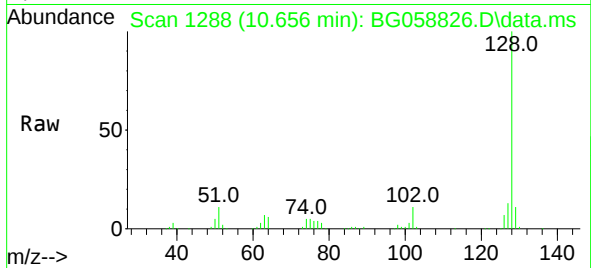
#31
Naphthalene
Concen: 50.339 ng
RT: 10.656 min Scan# 1170
Delta R.T. -0.006 min
Lab File: BG058826.D
Acq: 23 Aug 2023 17:38

Instrument :

BNA_G

ClientSampleId :

TP-04(1-2)MS

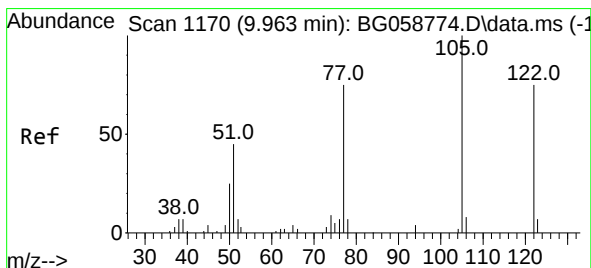
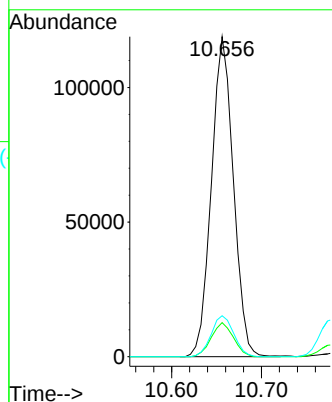


Tgt Ion:128 Resp: 201940
Ion Ratio Lower Upper
128 100
129 10.7 8.9 13.3
127 12.8 10.6 15.8

Manual Integrations

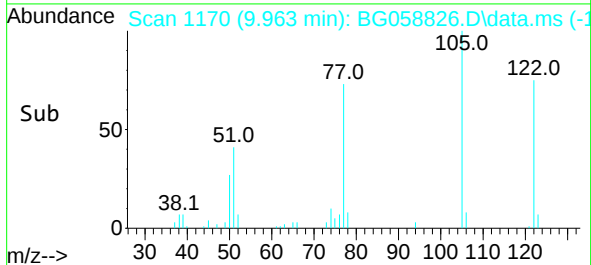
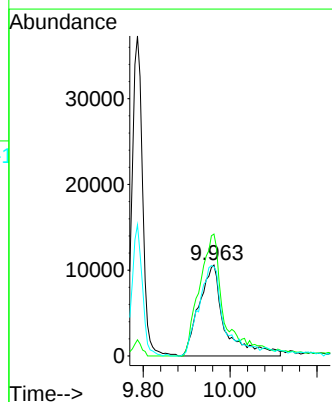
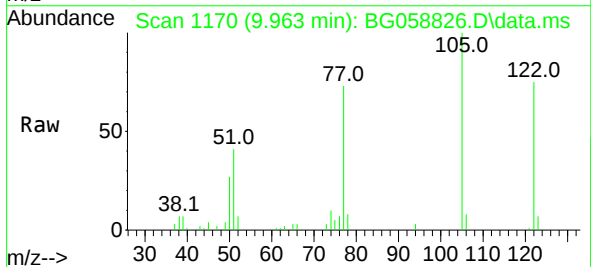
APPROVED

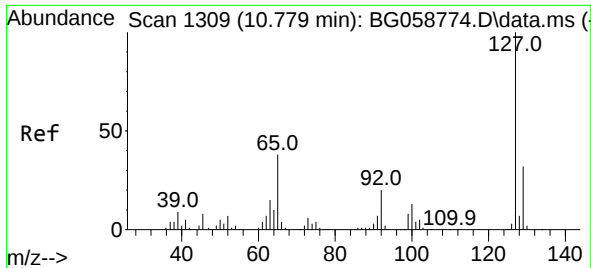
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#32
Benzoic acid
Concen: 61.482 ng m
RT: 9.963 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BG058826.D
Acq: 23 Aug 2023 17:38

Tgt Ion:122 Resp: 43469
Ion Ratio Lower Upper
122 100
105 134.1 113.6 153.6
77 98.2 79.7 119.7





#33
4-Chloroaniline
Concen: 17.482 ng
RT: 10.780 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BG058826.D
Acq: 23 Aug 2023 17:38

Instrument :

BNA_G

ClientSampleId :

TP-04(1-2)MS

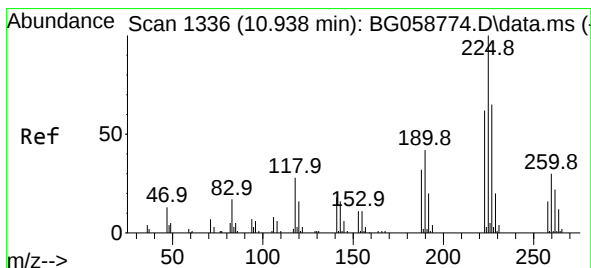
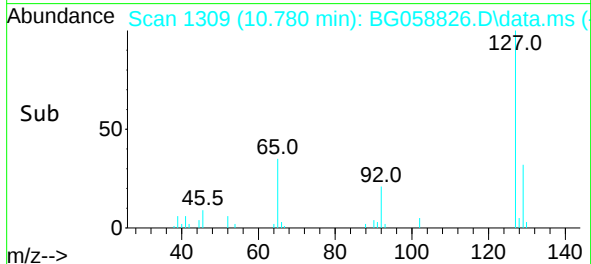
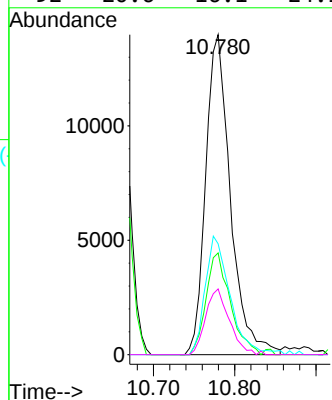
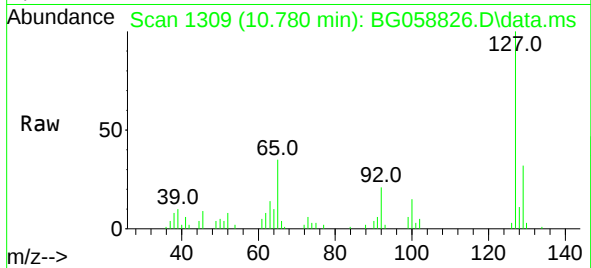
Tgt Ion:127	Resp: 29578
Ion Ratio	Lower Upper
127 100	
129 31.8	25.2 37.8
65 34.7	30.5 45.7
92 20.6	16.1 24.1

Manual Integrations

APPROVED

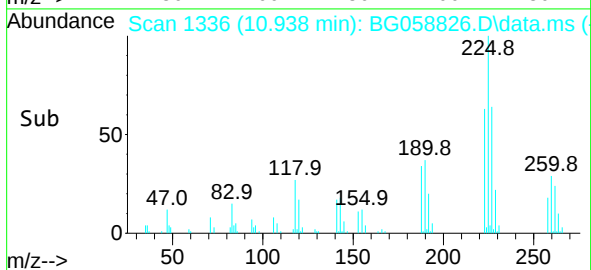
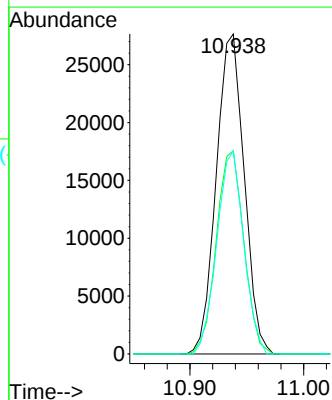
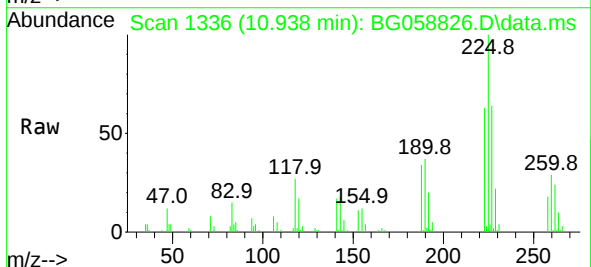
Reviewed By :Yogesh Patel 08/24/2023

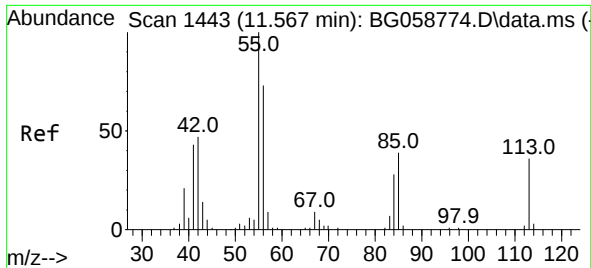
Supervised By :mohammad ahmed 08/24/2023



#34
Hexachlorobutadiene
Concen: 50.332 ng
RT: 10.938 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BG058826.D
Acq: 23 Aug 2023 17:38

Tgt Ion:225	Resp: 47225
Ion Ratio	Lower Upper
225 100	
223 63.5	49.9 74.9
227 63.5	51.6 77.4





#35
Caprolactam
Concen: 60.742 ng m
RT: 11.561 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BG058826.D
Acq: 23 Aug 2023 17:38

Instrument :

BNA_G

ClientSampleId :

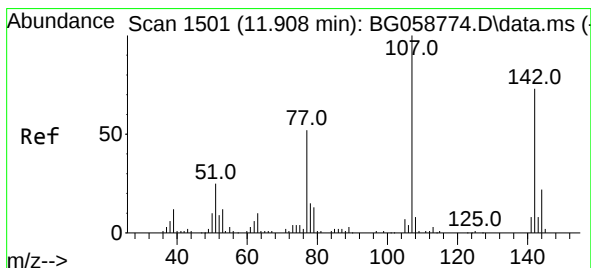
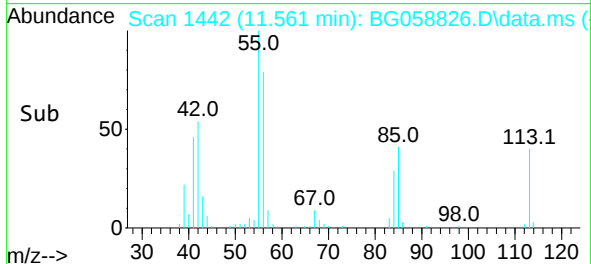
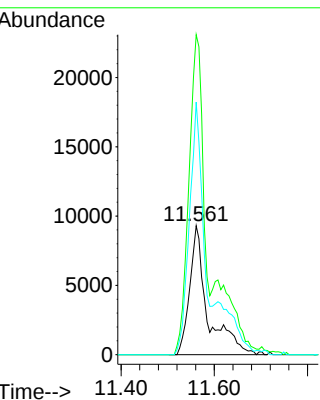
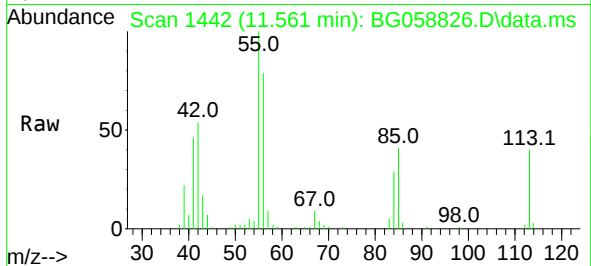
TP-04(1-2)MS

Tgt Ion:113 Resp: 25058
Ion Ratio Lower Upper
113 100
55 248.2 256.3 296.3
56 195.9 180.4 220.4

Manual Integrations

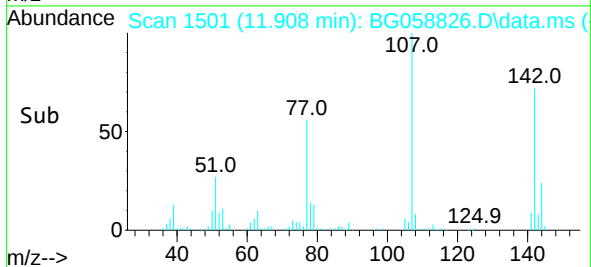
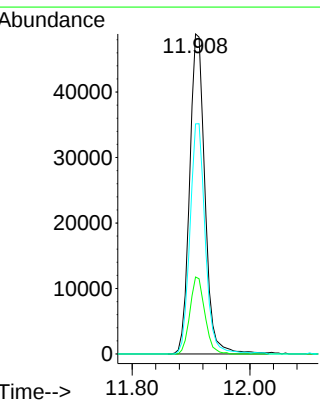
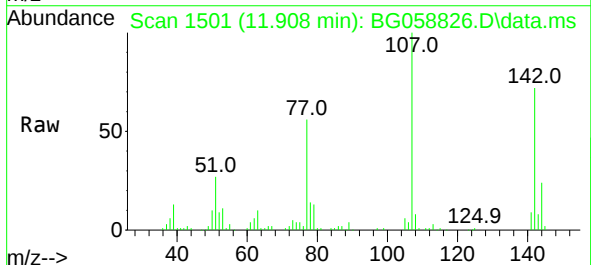
APPROVED

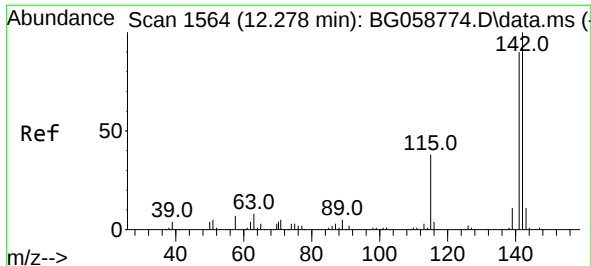
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#36
4-Chloro-3-methylphenol
Concen: 61.659 ng
RT: 11.908 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BG058826.D
Acq: 23 Aug 2023 17:38

Tgt Ion:107 Resp: 88275
Ion Ratio Lower Upper
107 100
144 24.0 17.9 26.9
142 71.9 58.5 87.7





#37
2-Methylnaphthalene
Concen: 51.427 ng
RT: 12.272 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG058826.D
Acq: 23 Aug 2023 17:38

Instrument :

BNA_G

ClientSampleId :

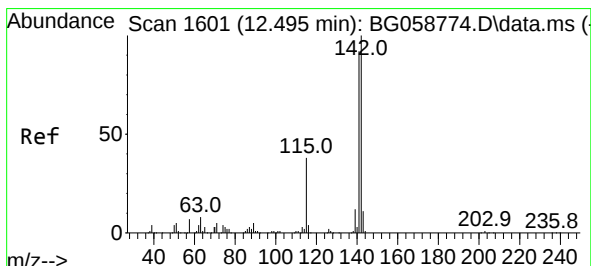
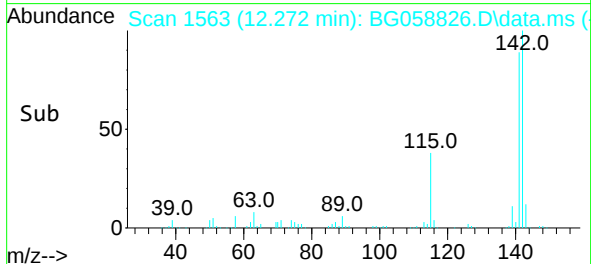
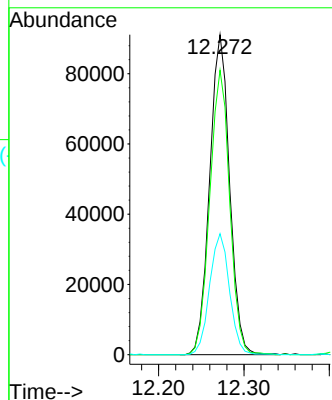
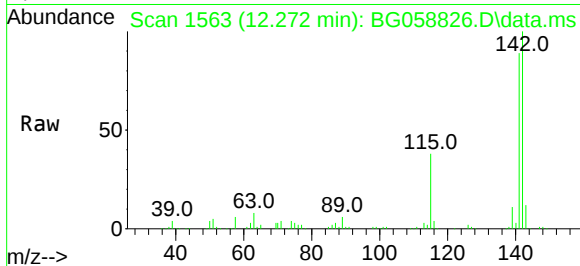
TP-04(1-2)MS

Tgt Ion:142 Resp: 148178
Ion Ratio Lower Upper
142 100
141 88.9 71.8 107.8
115 37.8 30.6 45.8

Manual Integrations

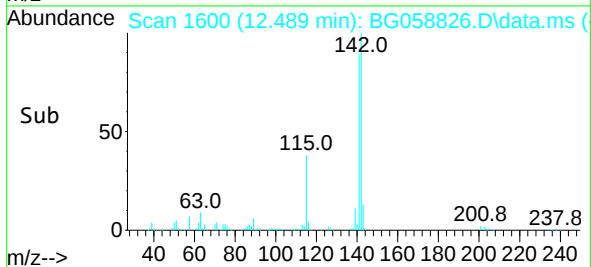
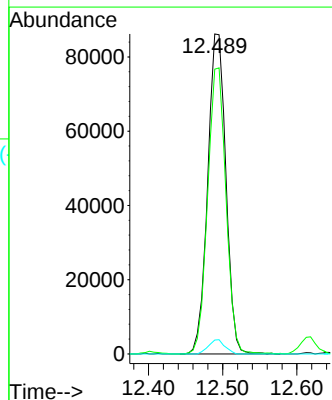
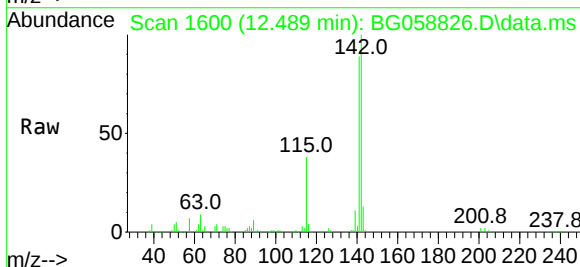
APPROVED

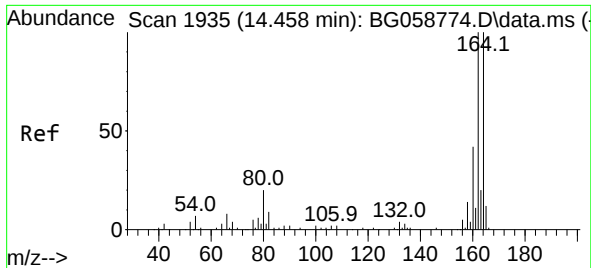
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#38
1-Methylnaphthalene
Concen: 53.681 ng
RT: 12.489 min Scan# 1600
Delta R.T. -0.006 min
Lab File: BG058826.D
Acq: 23 Aug 2023 17:38

Tgt Ion:142 Resp: 146823
Ion Ratio Lower Upper
142 100
141 89.0 73.9 110.9
116 4.3 3.2 4.8





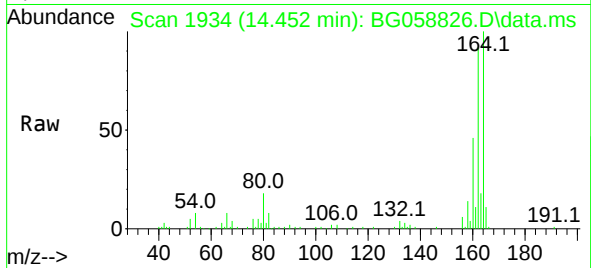
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.452 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BG058826.D
Acq: 23 Aug 2023 17:38

Instrument :

BNA_G

ClientSampleId :

TP-04(1-2)MS

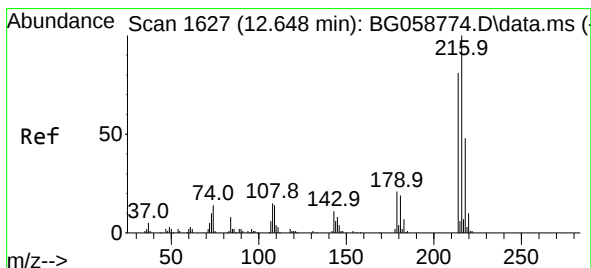
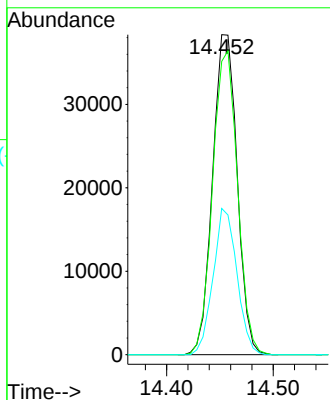
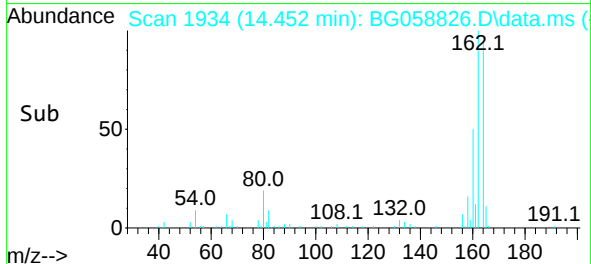


Tgt Ion:164 Resp: 61319
Ion Ratio Lower Upper
164 100
162 91.7 79.6 119.4
160 45.7 34.0 51.0

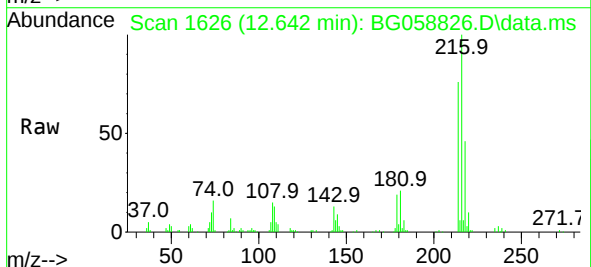
Manual Integrations

APPROVED

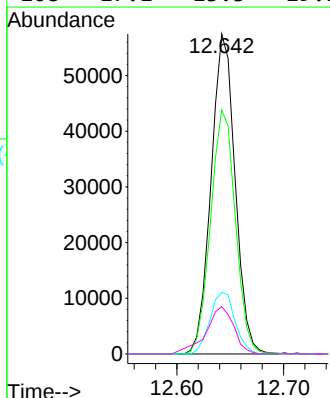
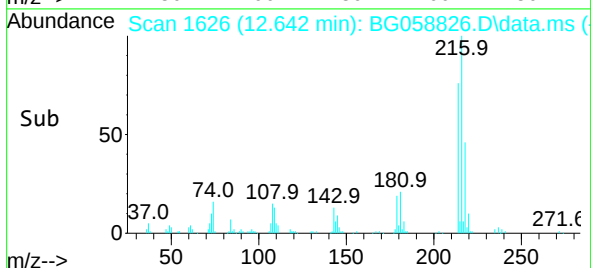
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023

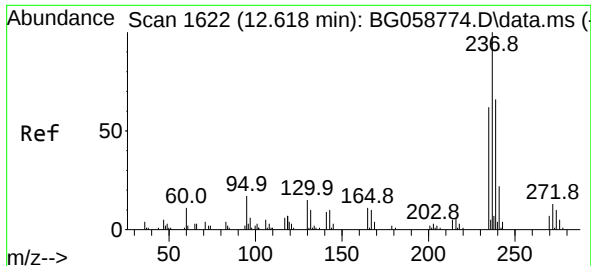


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.469 ng
RT: 12.642 min Scan# 1626
Delta R.T. -0.006 min
Lab File: BG058826.D
Acq: 23 Aug 2023 17:38



Tgt Ion:216 Resp: 89734
Ion Ratio Lower Upper
216 100
214 78.7 64.0 96.0
179 20.1 16.2 24.4
108 17.1 13.3 19.9





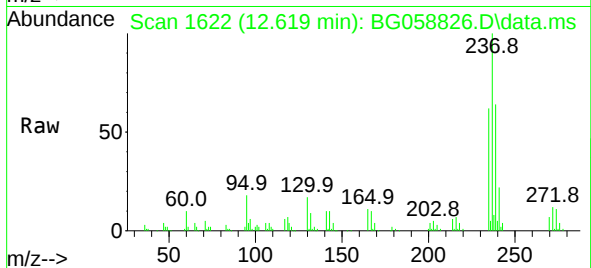
#41
Hexachlorocyclopentadiene
Concen: 88.887 ng
RT: 12.619 min Scan# 1622
Delta R.T. 0.001 min
Lab File: BG058826.D
Acq: 23 Aug 2023 17:38

Instrument :

BNA_G

ClientSampleId :

TP-04(1-2)MS

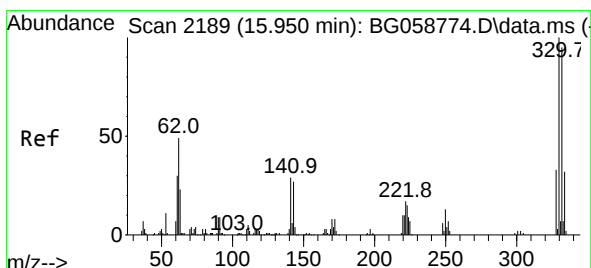
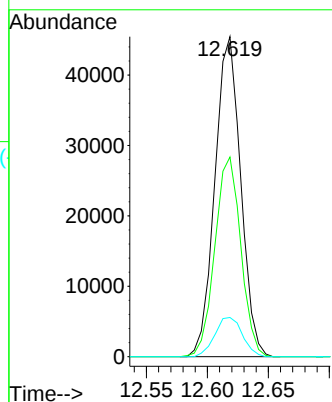
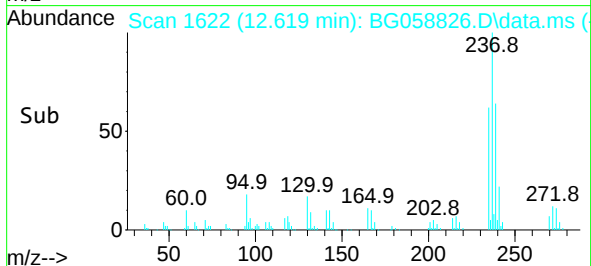


Tgt Ion:237 Resp: 66919
Ion Ratio Lower Upper
237 100
235 62.4 41.5 81.5
272 12.2 0.0 32.5

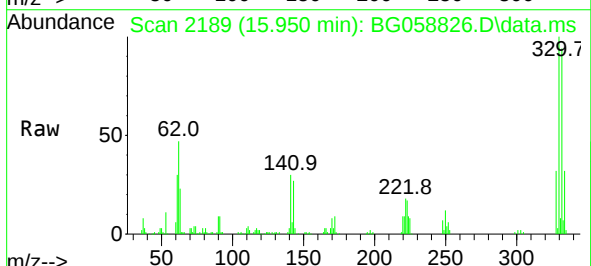
Manual Integrations

APPROVED

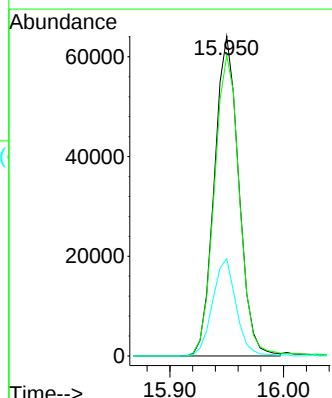
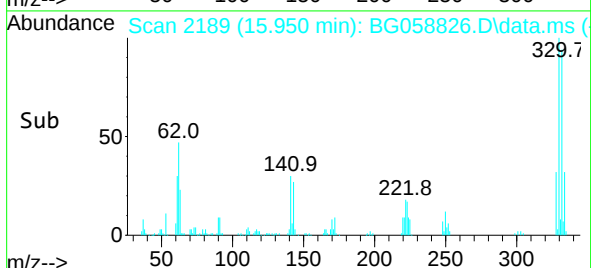
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023

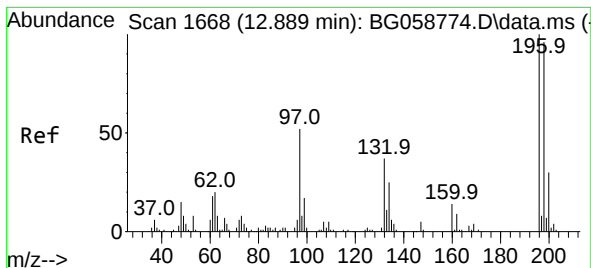


#42
2,4,6-Tribromophenol
Concen: 99.467 ng
RT: 15.950 min Scan# 2189
Delta R.T. 0.000 min
Lab File: BG058826.D
Acq: 23 Aug 2023 17:38



Tgt Ion:330 Resp: 95635
Ion Ratio Lower Upper
330 100
332 97.7 78.5 117.7
141 29.4 23.0 34.6





#43

2,4,6-Trichlorophenol

Concen: 55.031 ng

RT: 12.889 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG058826.D

Acq: 23 Aug 2023 17:38

Instrument :

BNA_G

ClientSampleId :

TP-04(1-2)MS

Tgt Ion:196 Resp: 66194

Ion Ratio Lower Upper

196 100

198 94.6 77.0 115.4

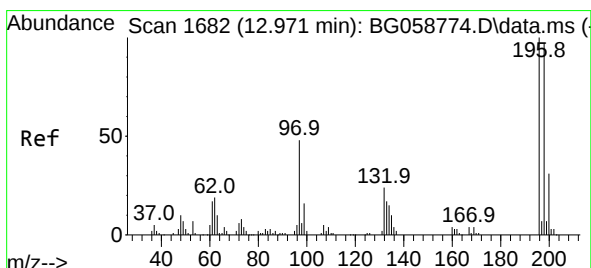
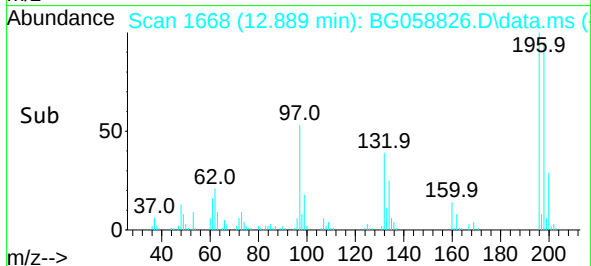
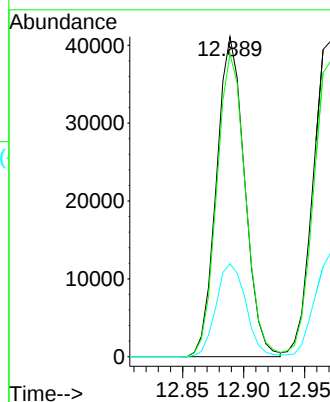
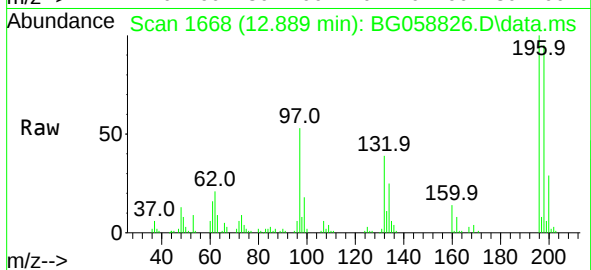
200 29.1 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2023

Supervised By :mohammad ahmed 08/24/2023



#44

2,4,5-Trichlorophenol

Concen: 50.601 ng

RT: 12.971 min Scan# 1682

Delta R.T. 0.000 min

Lab File: BG058826.D

Acq: 23 Aug 2023 17:38

Tgt Ion:196 Resp: 72886

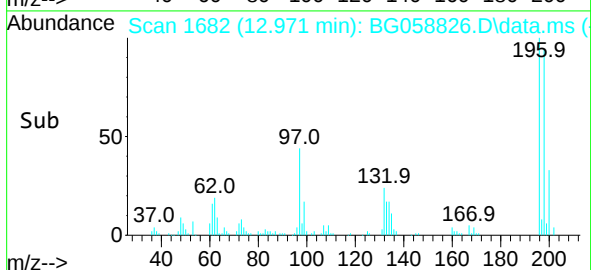
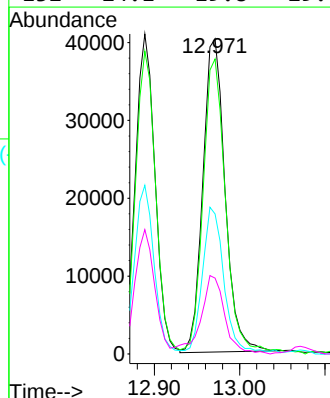
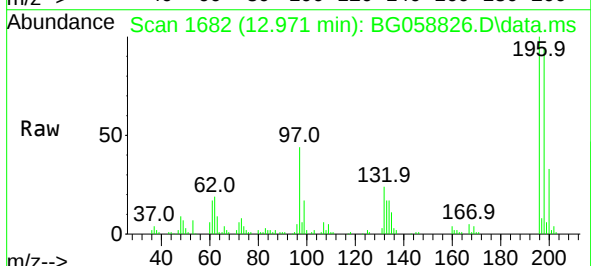
Ion Ratio Lower Upper

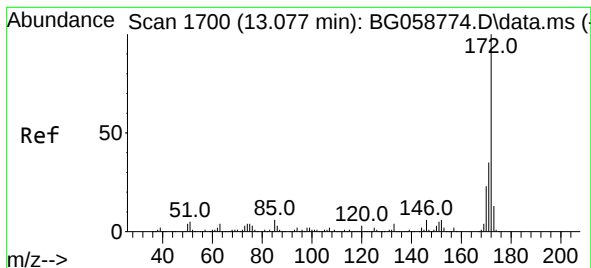
196 100

198 93.6 78.0 117.0

97 44.4 38.7 58.1

132 24.1 19.8 29.6





#45

2-Fluorobiphenyl

Concen: 57.848 ng

RT: 13.071 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG058826.D

Acq: 23 Aug 2023 17:38

Instrument :

BNA_G

ClientSampleId :

TP-04(1-2)MS

Tgt Ion:172 Resp: 24388

Ion Ratio Lower Upper

172 100

171 35.5 28.1 42.1

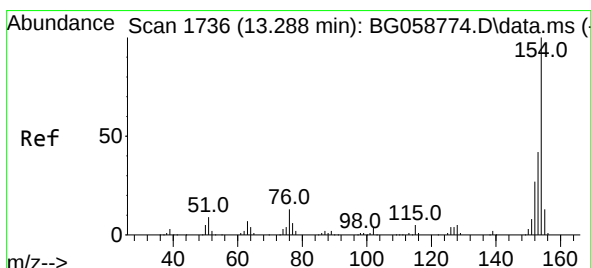
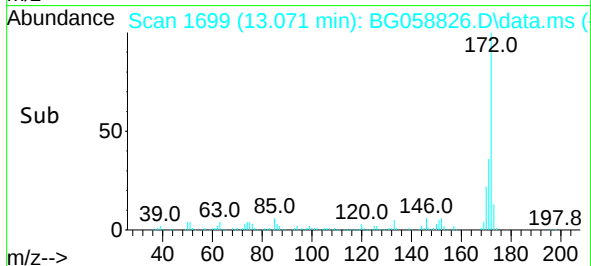
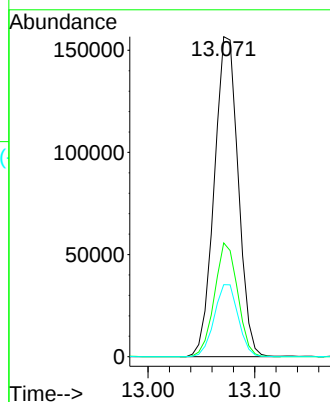
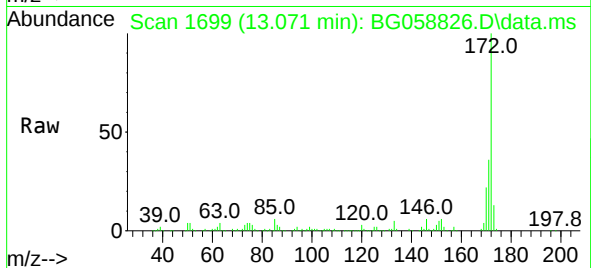
170 22.5 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2023

Supervised By :mohammad ahmed 08/24/2023



#46

1,1'-Biphenyl

Concen: 48.900 ng

RT: 13.288 min Scan# 1736

Delta R.T. 0.000 min

Lab File: BG058826.D

Acq: 23 Aug 2023 17:38

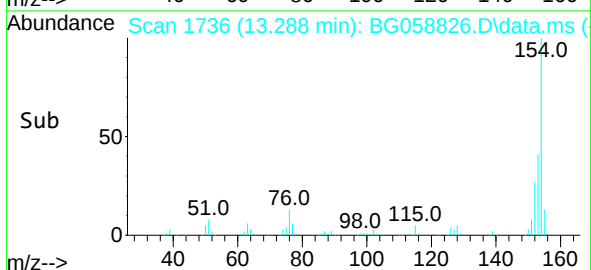
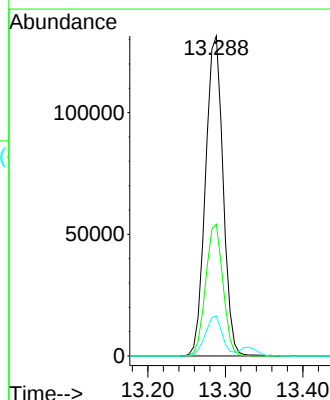
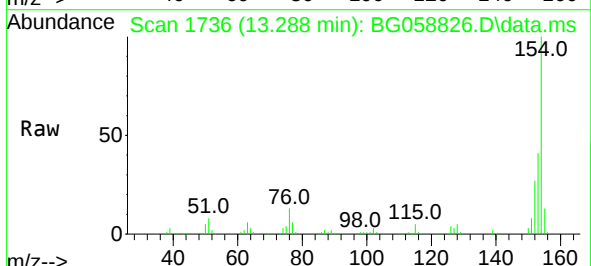
Tgt Ion:154 Resp: 206560

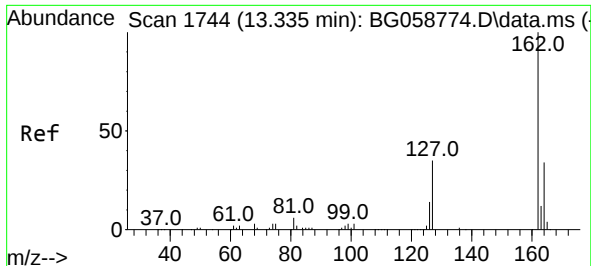
Ion Ratio Lower Upper

154 100

153 41.2 21.7 61.7

76 12.5 0.0 33.2





#47
2-Chloronaphthalene
Concen: 50.216 ng
RT: 13.329 min Scan# 1743
Delta R.T. -0.006 min
Lab File: BG058826.D
Acq: 23 Aug 2023 17:38

Instrument :

BNA_G

ClientSampleId :

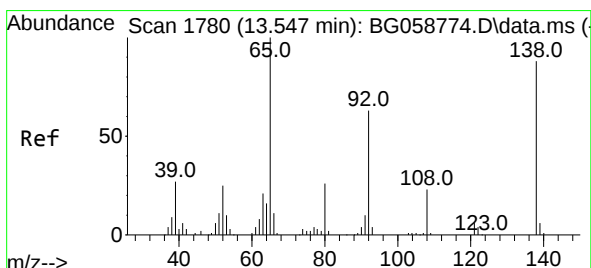
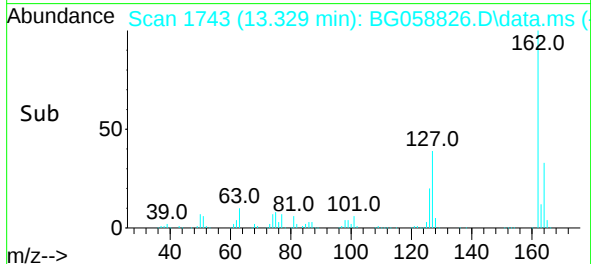
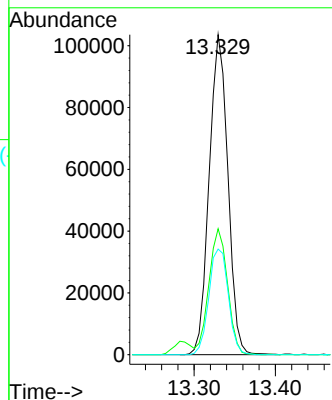
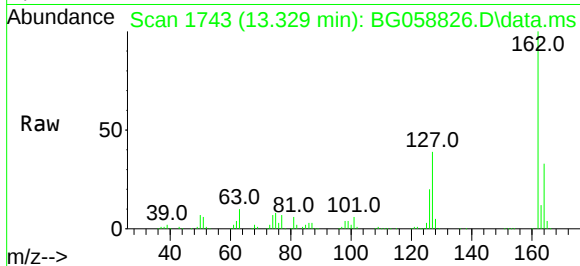
TP-04(1-2)MS

Tgt Ion:162 Resp: 165304
Ion Ratio Lower Upper
162 100
127 39.3 31.5 47.3
164 33.0 27.3 40.9

Manual Integrations

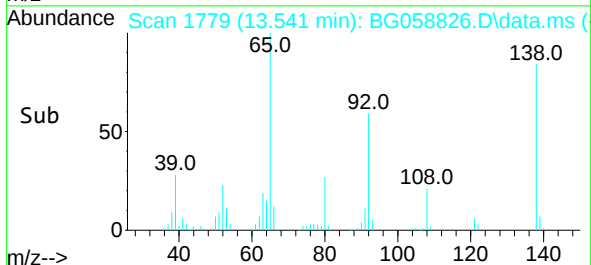
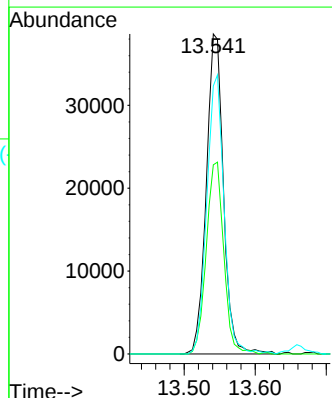
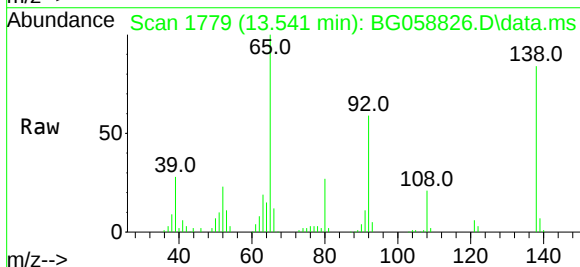
APPROVED

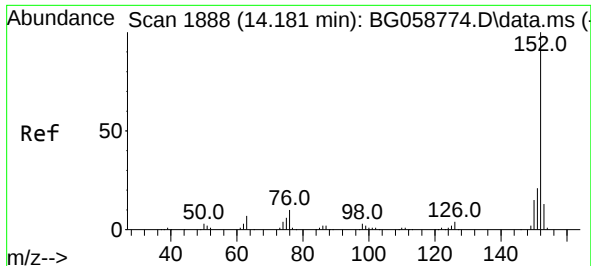
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#48
2-Nitroaniline
Concen: 51.877 ng
RT: 13.541 min Scan# 1779
Delta R.T. -0.006 min
Lab File: BG058826.D
Acq: 23 Aug 2023 17:38

Tgt Ion: 65 Resp: 64858
Ion Ratio Lower Upper
65 100
92 59.1 50.7 76.1
138 83.8 70.7 106.1





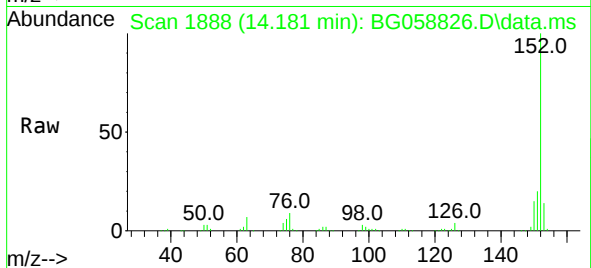
#49
Acenaphthylene
Concen: 51.380 ng
RT: 14.181 min Scan# 1888
Delta R.T. 0.000 min
Lab File: BG058826.D
Acq: 23 Aug 2023 17:38

Instrument :

BNA_G

ClientSampleId :

TP-04(1-2)MS



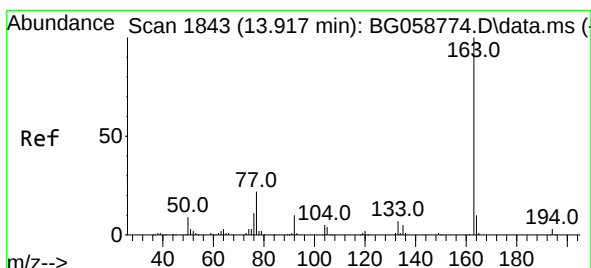
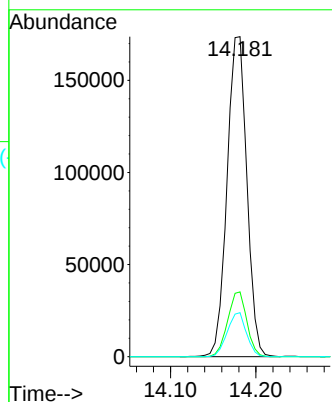
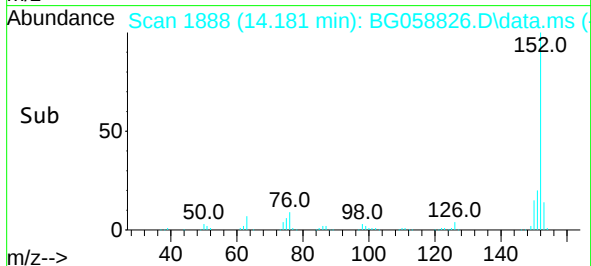
Tgt Ion:152 Resp: 280485
Ion Ratio Lower Upper
152 100
151 20.3 16.9 25.3
153 13.7 10.7 16.1

Manual Integrations

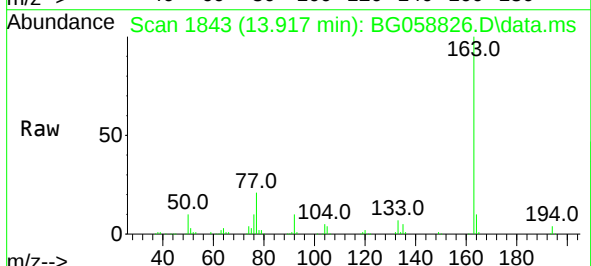
APPROVED

Reviewed By :Yogesh Patel 08/24/2023

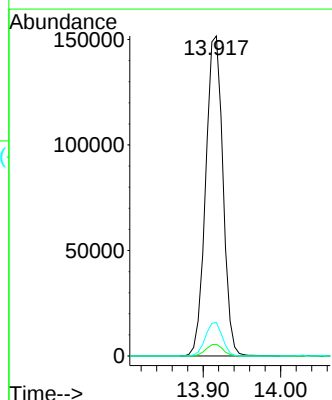
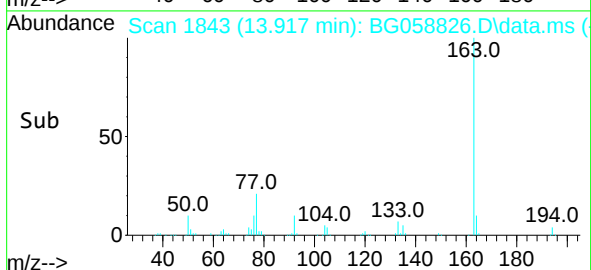
Supervised By :mohammad ahmed 08/24/2023

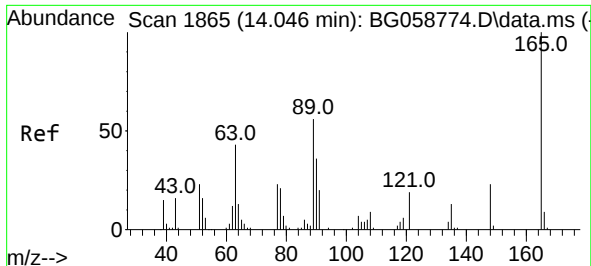


#50
Dimethylphthalate
Concen: 49.201 ng
RT: 13.917 min Scan# 1843
Delta R.T. 0.000 min
Lab File: BG058826.D
Acq: 23 Aug 2023 17:38



Tgt Ion:163 Resp: 233597
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.5 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 52.416 ng
RT: 14.040 min Scan# 1865
Delta R.T. -0.006 min
Lab File: BG058826.D
Acq: 23 Aug 2023 17:38

Instrument :

BNA_G

ClientSampleId :

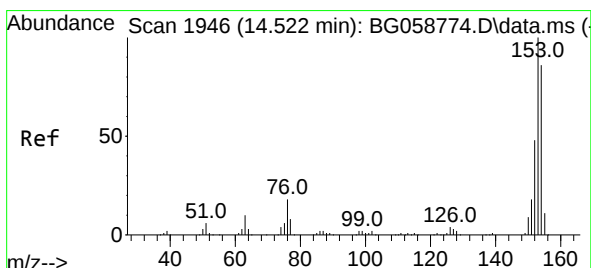
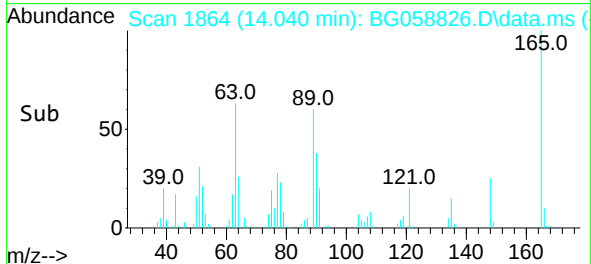
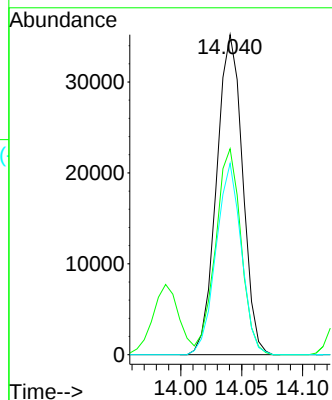
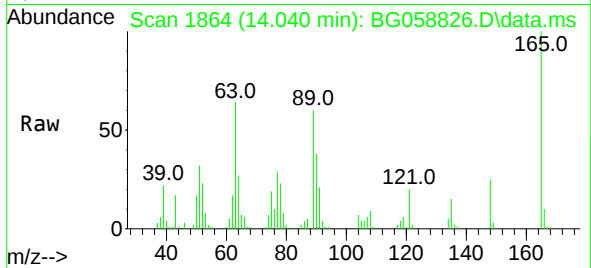
TP-04(1-2)MS

Tgt Ion:165 Resp: 5228
Ion Ratio Lower Upper
165 100
63 64.4 47.2 70.8
89 59.8 45.0 67.4

Manual Integrations

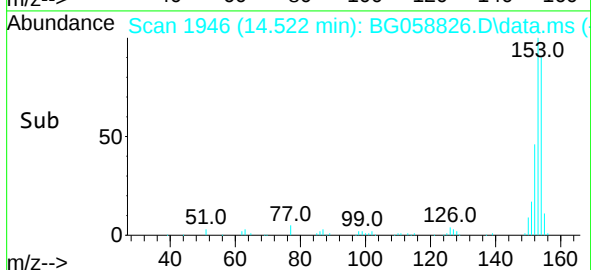
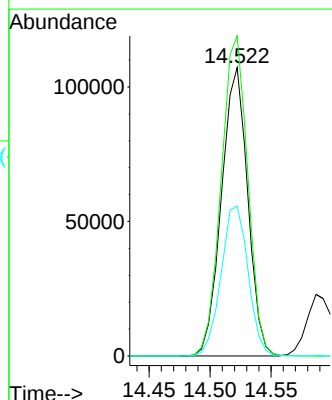
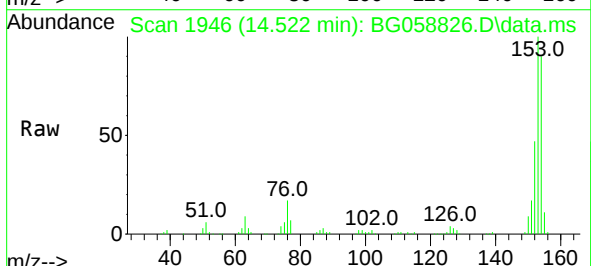
APPROVED

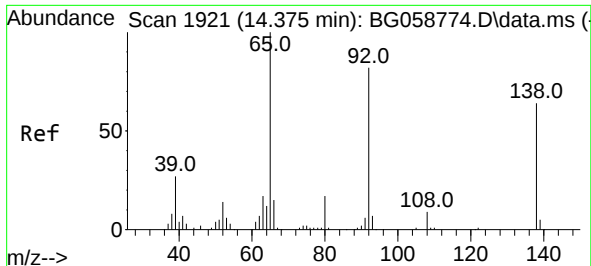
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#52
Acenaphthene
Concen: 50.352 ng
RT: 14.522 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BG058826.D
Acq: 23 Aug 2023 17:38

Tgt Ion:154 Resp: 160629
Ion Ratio Lower Upper
154 100
153 110.9 92.7 139.1
152 51.9 44.2 66.2





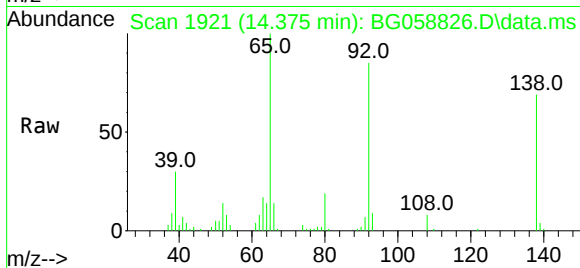
#53
3-Nitroaniline
Concen: 22.448 ng
RT: 14.375 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BG058826.D
Acq: 23 Aug 2023 17:38

Instrument :

BNA_G

ClientSampleId :

TP-04(1-2)MS



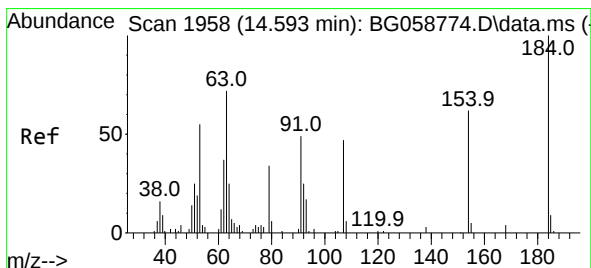
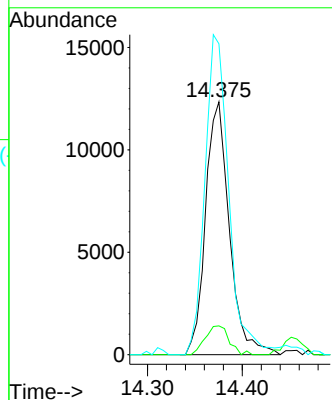
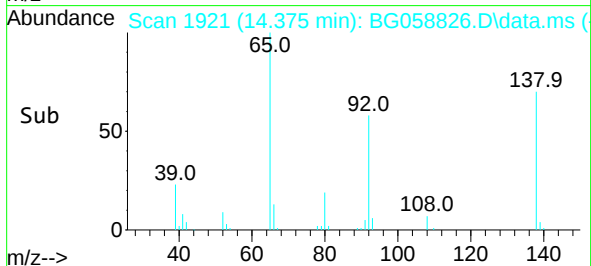
Tgt Ion:138 Resp: 2159
Ion Ratio Lower Upper
138 100
108 11.4 11.8 17.8
92 123.0 102.5 153.7

Manual Integrations

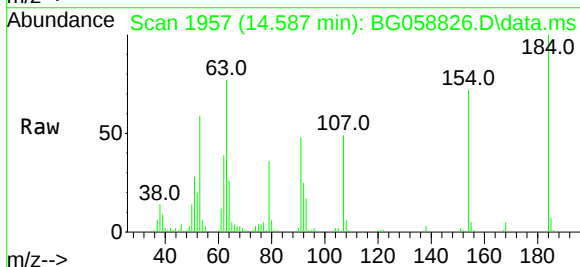
APPROVED

Reviewed By :Yogesh Patel 08/24/2023

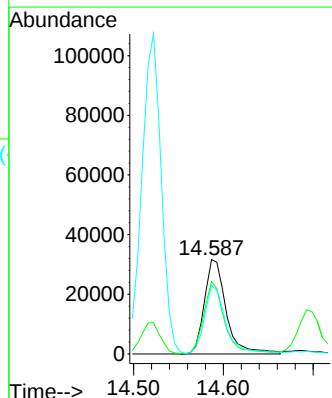
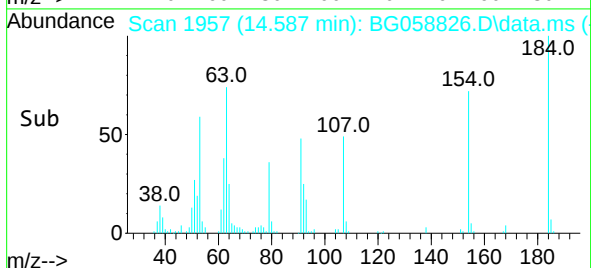
Supervised By :mohammad ahmed 08/24/2023

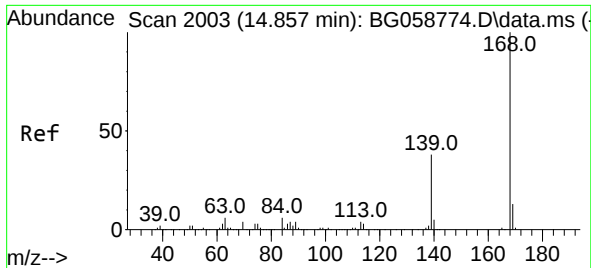


#54
2,4-Dinitrophenol
Concen: 94.403 ng
RT: 14.587 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BG058826.D
Acq: 23 Aug 2023 17:38



Tgt Ion:184 Resp: 53384
Ion Ratio Lower Upper
184 100
63 76.8 57.7 86.5
154 72.5 51.8 77.6





#55
Dibenzofuran
Concen: 49.841 ng
RT: 14.857 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BG058826.D
Acq: 23 Aug 2023 17:38

Instrument :

BNA_G

ClientSampleId :

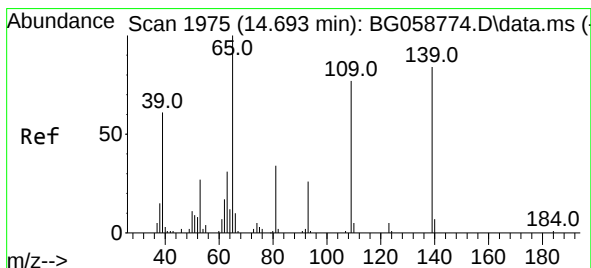
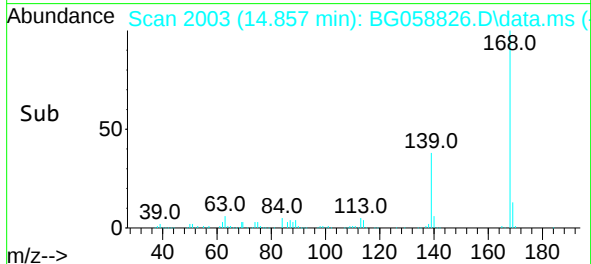
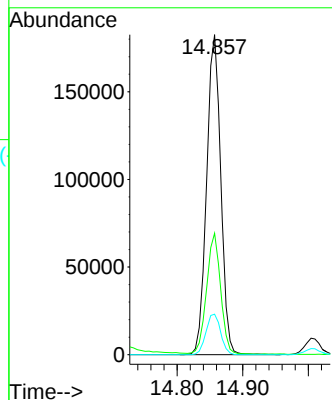
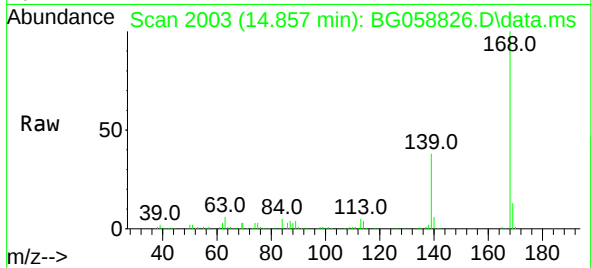
TP-04(1-2)MS

Tgt Ion:168 Resp: 27427
Ion Ratio Lower Upper
168 100
139 37.9 30.4 45.6
169 12.7 10.7 16.1

Manual Integrations

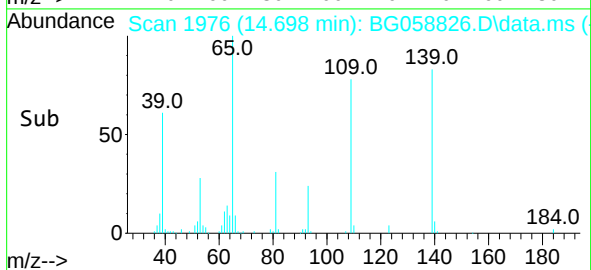
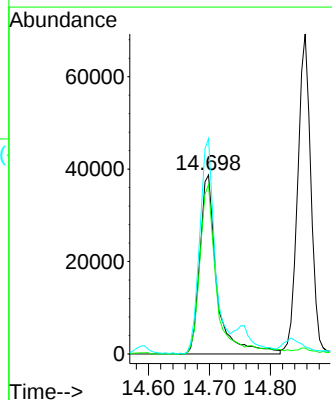
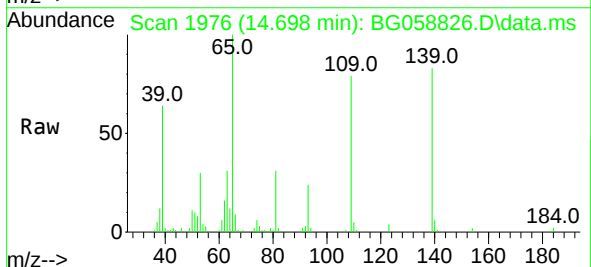
APPROVED

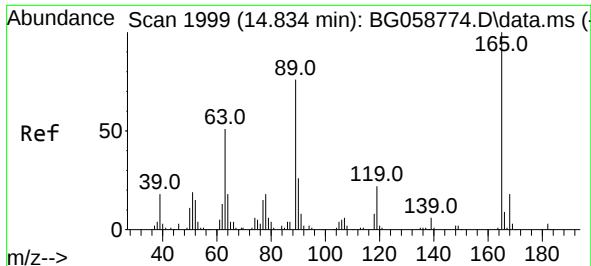
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#56
4-Nitrophenol
Concen: 107.342 ng
RT: 14.698 min Scan# 1976
Delta R.T. 0.005 min
Lab File: BG058826.D
Acq: 23 Aug 2023 17:38

Tgt Ion:139 Resp: 75829
Ion Ratio Lower Upper
139 100
109 94.6 71.9 111.9
65 120.3 100.7 140.7





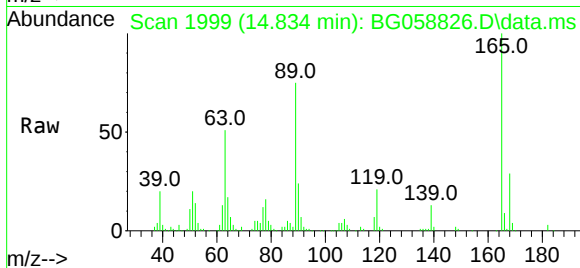
#57
2,4-Dinitrotoluene
Concen: 54.152 ng
RT: 14.834 min Scan# 1999
Delta R.T. 0.000 min
Lab File: BG058826.D
Acq: 23 Aug 2023 17:38

Instrument :

BNA_G

ClientSampleId :

TP-04(1-2)MS

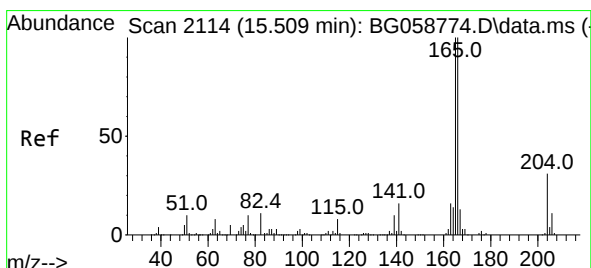
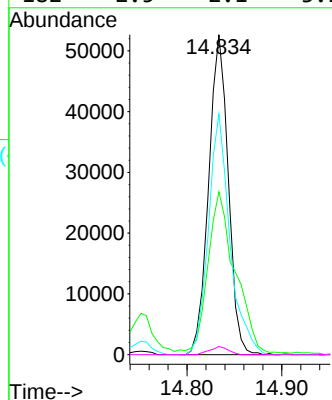
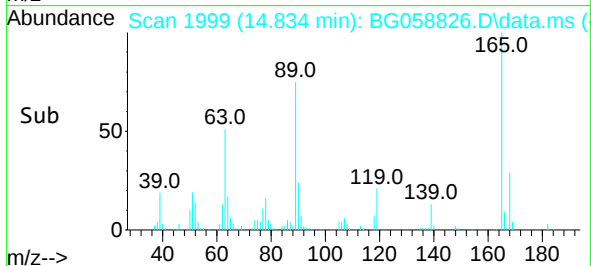


Tgt Ion:165 Resp: 7533
Ion Ratio Lower Upper
165 100
63 50.9 41.8 62.6
89 75.3 60.7 91.1
182 2.5 2.1 3.1

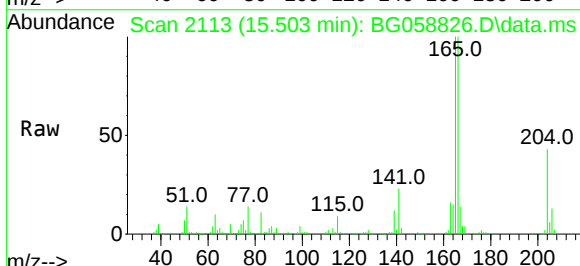
Manual Integrations

APPROVED

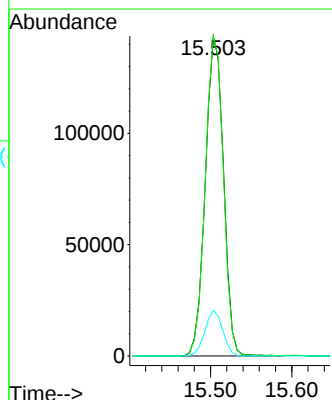
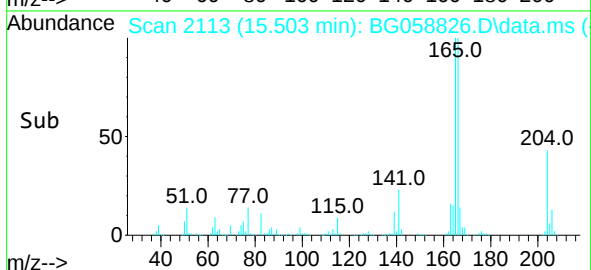
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023

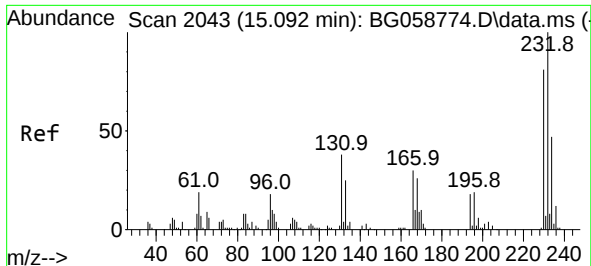


#58
Fluorene
Concen: 50.817 ng
RT: 15.503 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BG058826.D
Acq: 23 Aug 2023 17:38



Tgt Ion:166 Resp: 222551
Ion Ratio Lower Upper
166 100
165 100.2 79.9 119.9
167 14.2 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 57.373 ng
RT: 15.086 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BG058826.D
Acq: 23 Aug 2023 17:38

Instrument :

BNA_G

ClientSampleId :

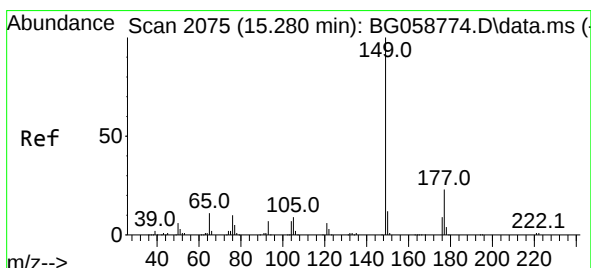
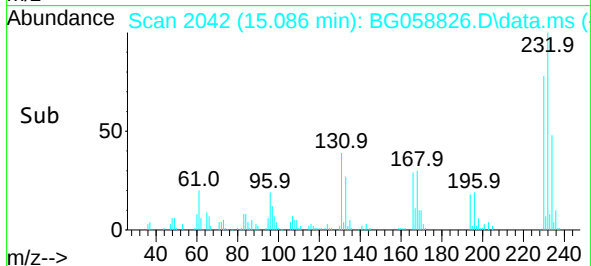
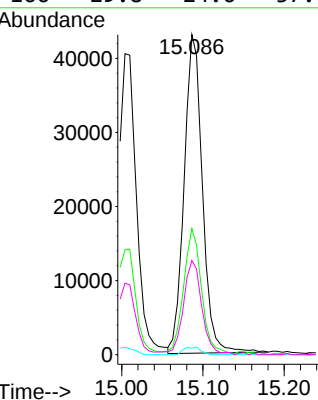
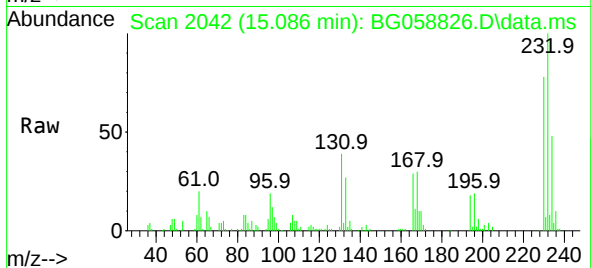
TP-04(1-2)MS

Tgt Ion:232 Resp: 6743
Ion Ratio Lower Upper
232 100
131 38.4 33.9 50.9
130 2.2 1.8 2.6
166 29.8 24.6 37.0

Manual Integrations

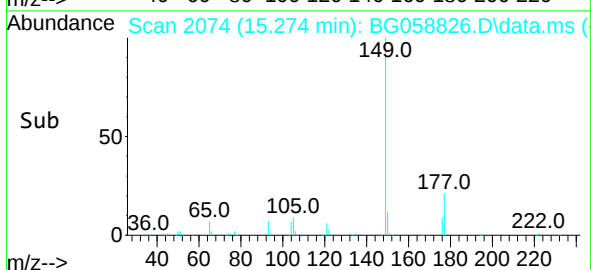
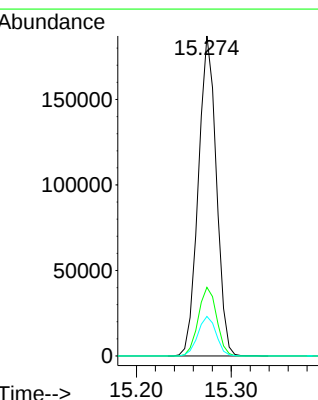
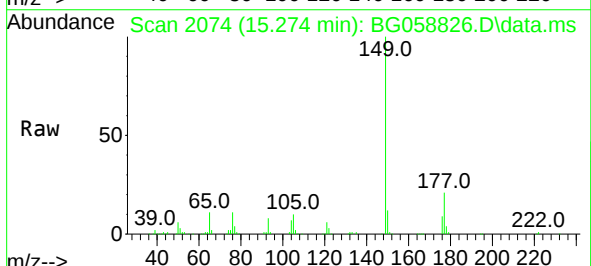
APPROVED

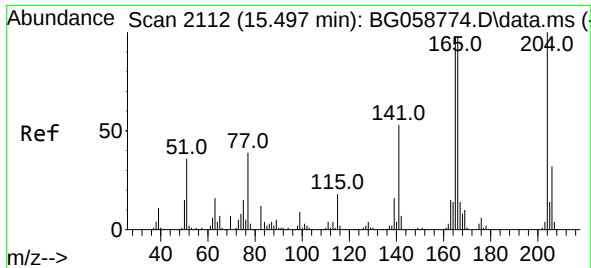
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#60
Diethylphthalate
Concen: 50.385 ng
RT: 15.274 min Scan# 2074
Delta R.T. -0.006 min
Lab File: BG058826.D
Acq: 23 Aug 2023 17:38

Tgt Ion:149 Resp: 246639
Ion Ratio Lower Upper
149 100
177 21.5 18.2 27.2
150 12.4 10.0 15.0





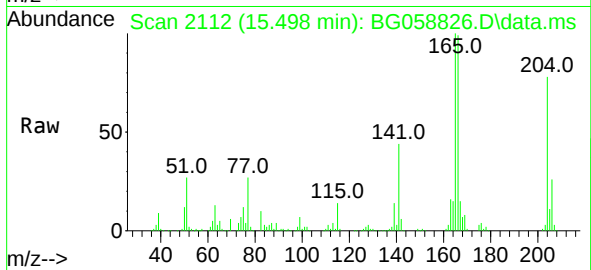
#61
4-Chlorophenyl-phenylether
Concen: 50.763 ng
RT: 15.498 min Scan# 2112
Delta R.T. 0.000 min
Lab File: BG058826.D
Acq: 23 Aug 2023 17:38

Instrument :

BNA_G

ClientSampleId :

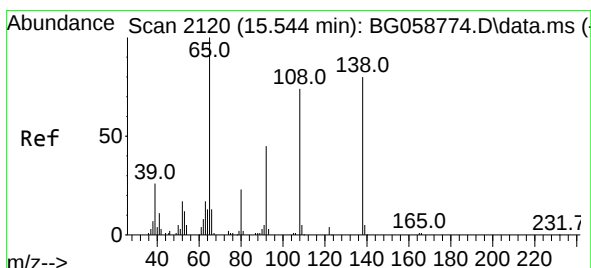
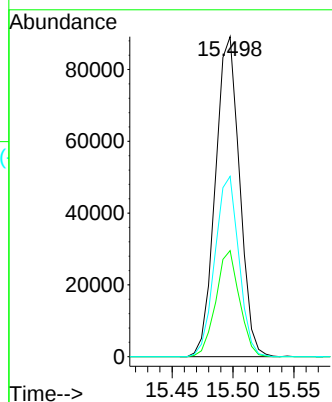
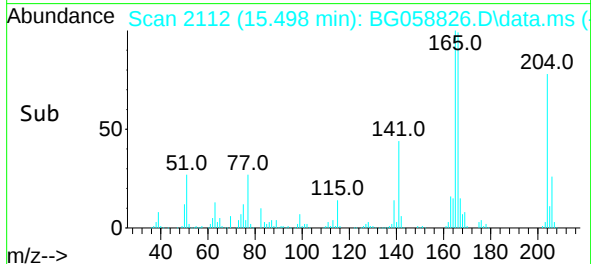
TP-04(1-2)MS



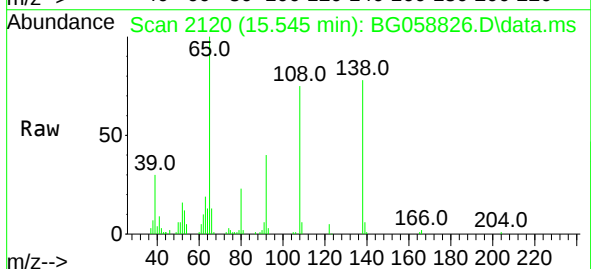
Tgt Ion:204 Resp: 12322
Ion Ratio Lower Upper
204 100
206 33.1 25.6 38.4
141 56.4 42.3 63.5

Manual Integrations
APPROVED

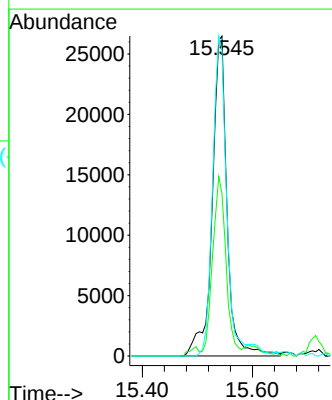
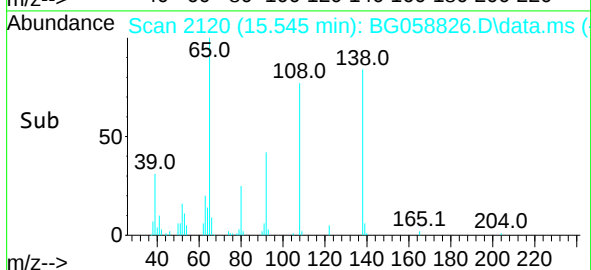
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023

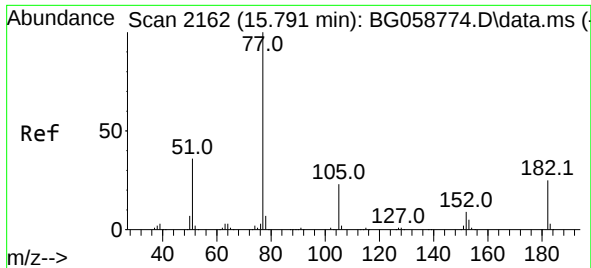


#62
4-Nitroaniline
Concen: 50.994 ng
RT: 15.545 min Scan# 2120
Delta R.T. 0.001 min
Lab File: BG058826.D
Acq: 23 Aug 2023 17:38



Tgt Ion:138 Resp: 49785
Ion Ratio Lower Upper
138 100
92 50.7 36.4 76.4
108 95.5 72.2 112.2





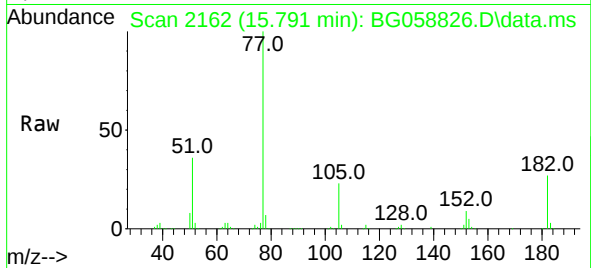
#63
Azobenzene
Concen: 50.472 ng
RT: 15.791 min Scan# 2162
Delta R.T. 0.000 min
Lab File: BG058826.D
Acq: 23 Aug 2023 17:38

Instrument :

BNA_G

ClientSampleId :

TP-04(1-2)MS

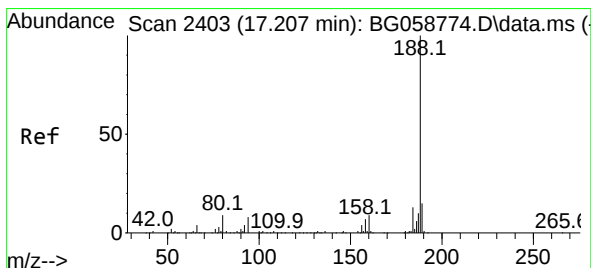
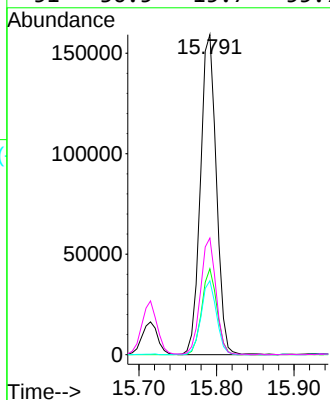
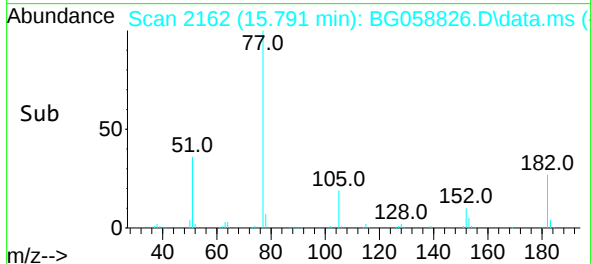


Tgt Ion: 77 Resp: 22686
Ion Ratio Lower Upper
77 100
182 26.8 4.9 44.9
105 23.1 2.8 42.8
51 36.5 15.7 55.7

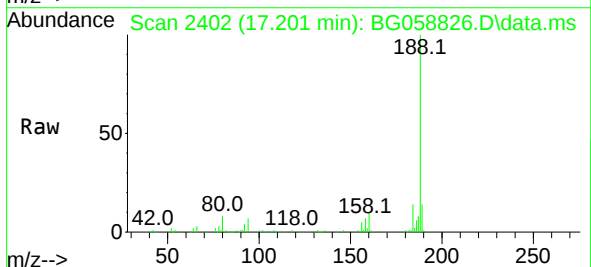
Manual Integrations

APPROVED

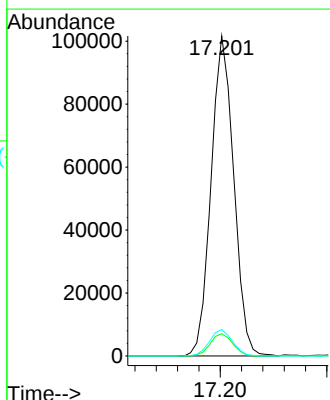
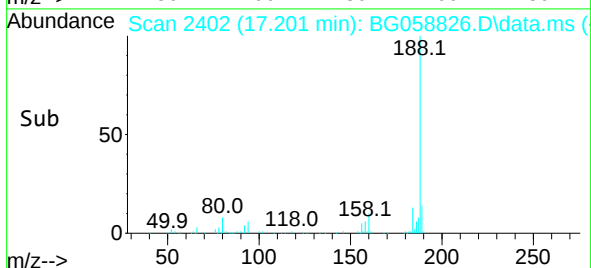
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023

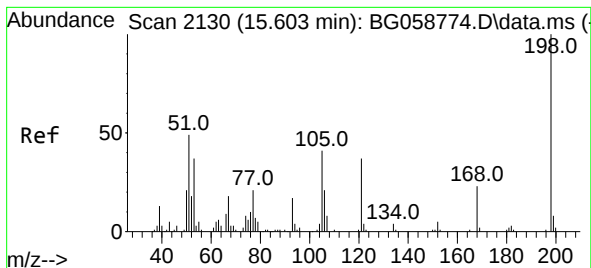


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2402
Delta R.T. -0.006 min
Lab File: BG058826.D
Acq: 23 Aug 2023 17:38



Tgt Ion:188 Resp: 149776
Ion Ratio Lower Upper
188 100
94 7.0 6.1 9.1
80 8.2 6.9 10.3





#65
4,6-Dinitro-2-methylphenol
Concen: 51.396 ng
RT: 15.603 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BG058826.D
Acq: 23 Aug 2023 17:38

Instrument :

BNA_G

ClientSampleId :

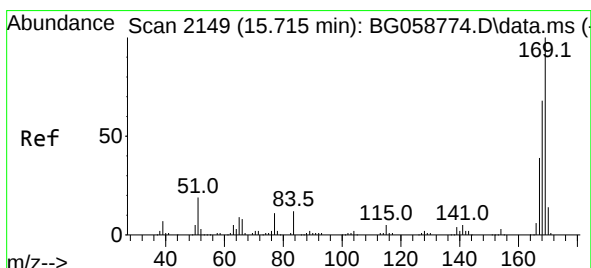
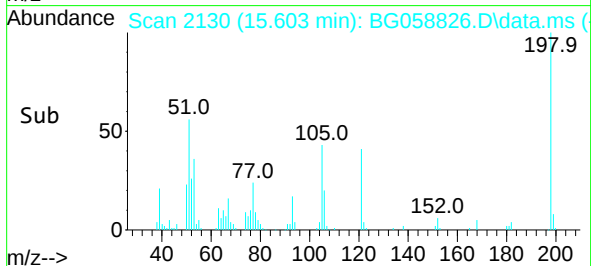
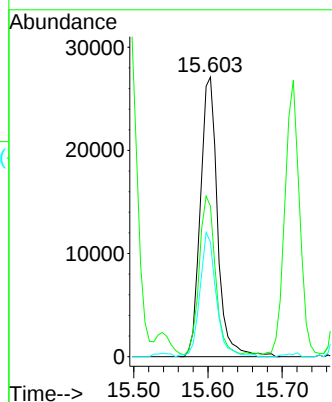
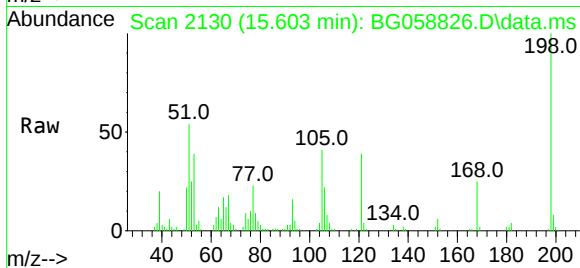
TP-04(1-2)MS

Tgt Ion:198 Resp: 43512
Ion Ratio Lower Upper
198 100
51 53.9 31.3 71.3
105 41.0 20.7 60.7

Manual Integrations

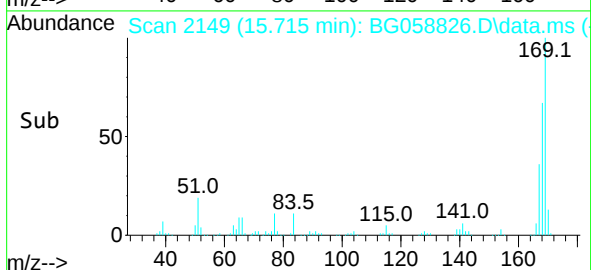
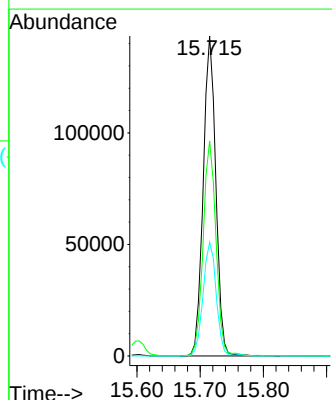
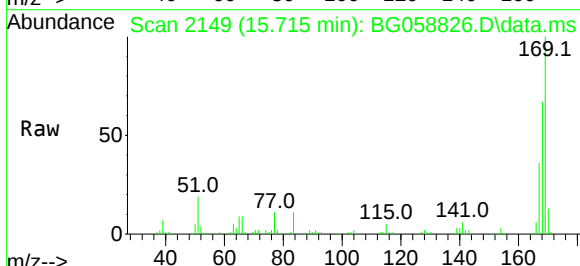
APPROVED

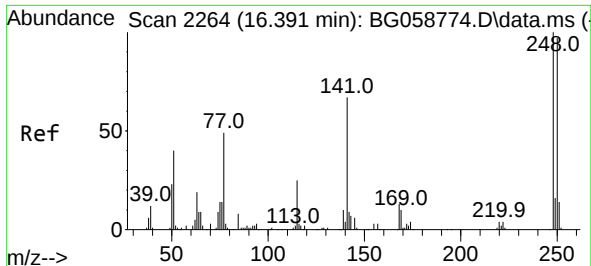
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#66
n-Nitrosodiphenylamine
Concen: 51.593 ng
RT: 15.715 min Scan# 2149
Delta R.T. -0.000 min
Lab File: BG058826.D
Acq: 23 Aug 2023 17:38

Tgt Ion:169 Resp: 199164
Ion Ratio Lower Upper
169 100
168 67.2 54.4 81.6
167 35.6 31.4 47.0





#67
4-Bromophenyl-phenylether
Concen: 51.070 ng
RT: 16.391 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG058826.D
Acq: 23 Aug 2023 17:38

Instrument :

BNA_G

ClientSampleId :

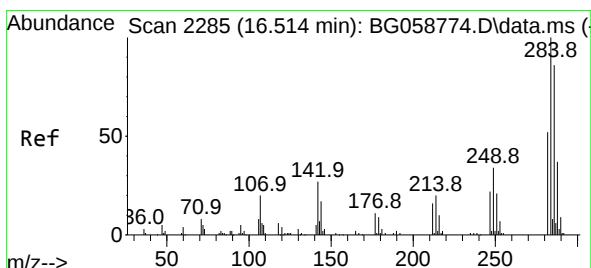
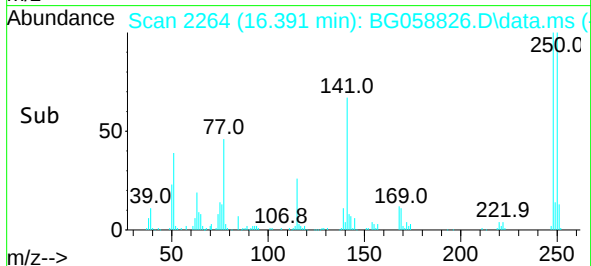
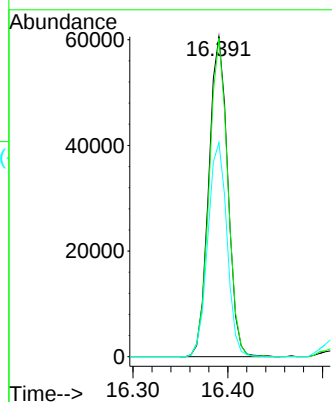
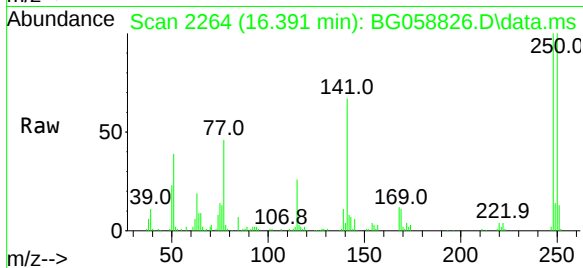
TP-04(1-2)MS

Tgt Ion:248 Resp: 8393
Ion Ratio Lower Upper
248 100
250 99.5 77.7 116.5
141 66.9 53.6 80.4

Manual Integrations

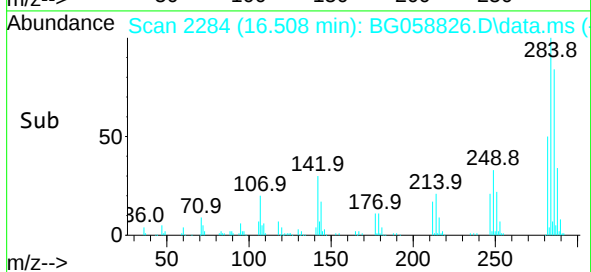
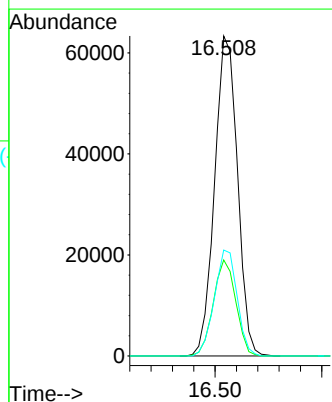
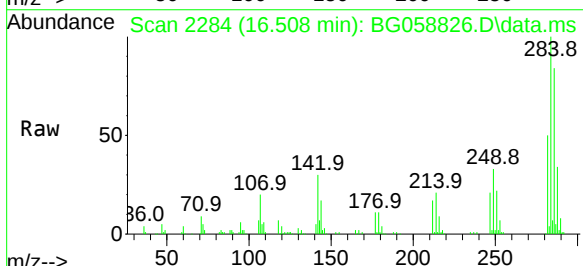
APPROVED

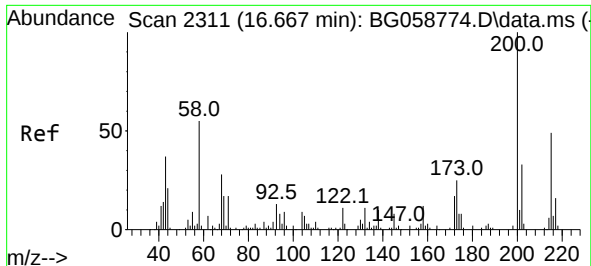
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#68
Hexachlorobenzene
Concen: 53.192 ng
RT: 16.508 min Scan# 2284
Delta R.T. -0.006 min
Lab File: BG058826.D
Acq: 23 Aug 2023 17:38

Tgt Ion:284 Resp: 94092
Ion Ratio Lower Upper
284 100
142 30.0 22.0 33.0
249 33.1 27.2 40.8





#69
 Atrazine
 Concen: 59.744 ng
 RT: 16.667 min Scan# 2311
 Delta R.T. -0.000 min
 Lab File: BG058826.D
 Acq: 23 Aug 2023 17:38

Instrument :

BNA_G

ClientSampleId :

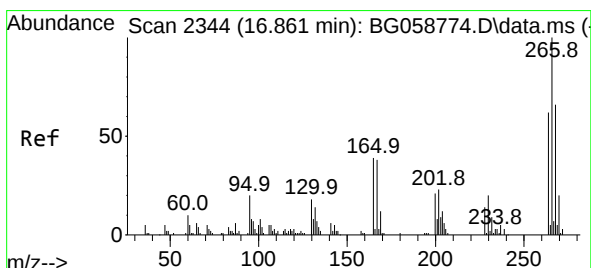
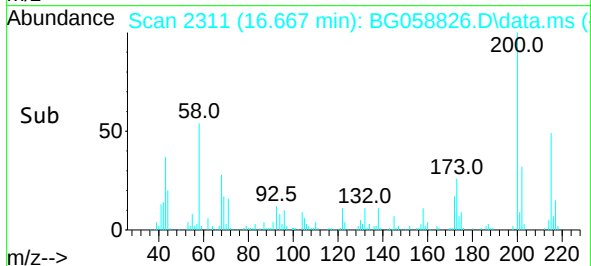
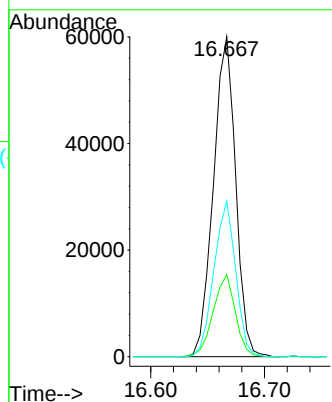
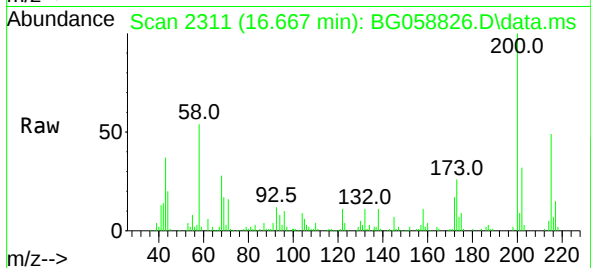
TP-04(1-2)MS

Tgt Ion:200 Resp: 81619
 Ion Ratio Lower Upper
 200 100
 173 25.7 5.3 45.3
 215 48.7 29.4 69.4

Manual Integrations

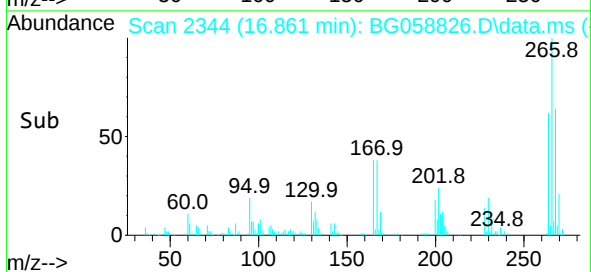
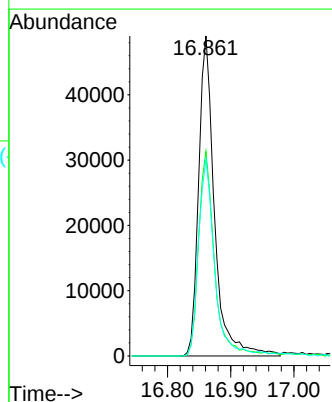
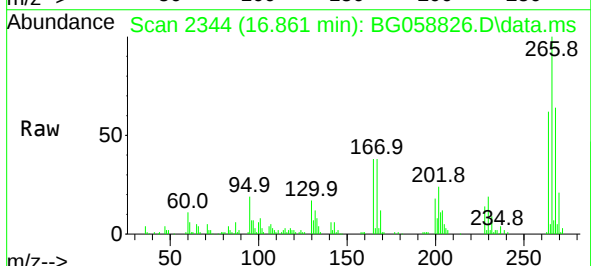
APPROVED

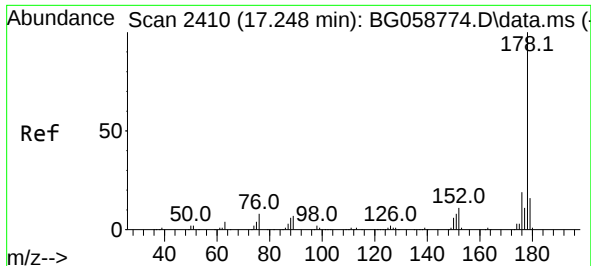
Reviewed By :Yogesh Patel 08/24/2023
 Supervised By :mohammad ahmed 08/24/2023



#70
 Pentachlorophenol
 Concen: 92.250 ng
 RT: 16.861 min Scan# 2344
 Delta R.T. -0.000 min
 Lab File: BG058826.D
 Acq: 23 Aug 2023 17:38

Tgt Ion:266 Resp: 85567
 Ion Ratio Lower Upper
 266 100
 268 63.9 52.7 79.1
 264 61.5 49.5 74.3





#71
Phenanthrene
Concen: 50.499 ng
RT: 17.248 min Scan# 2410
Delta R.T. 0.000 min
Lab File: BG058826.D
Acq: 23 Aug 2023 17:38

Instrument :

BNA_G

ClientSampleId :

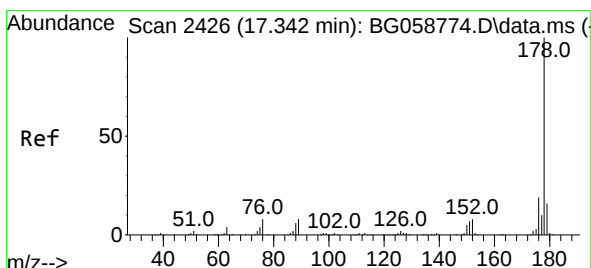
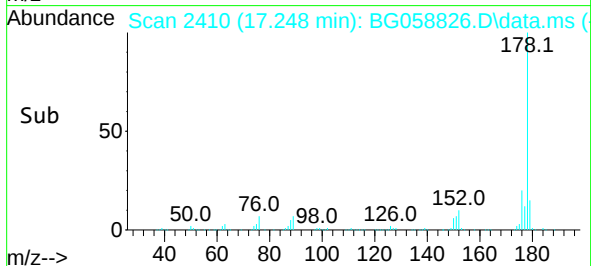
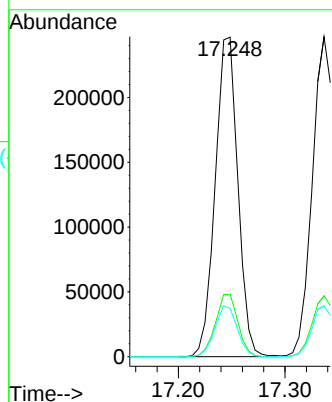
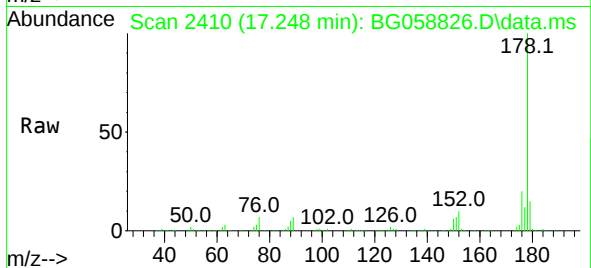
TP-04(1-2)MS

Tgt Ion:178 Resp: 363104
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 15.1 13.0 19.4

Manual Integrations

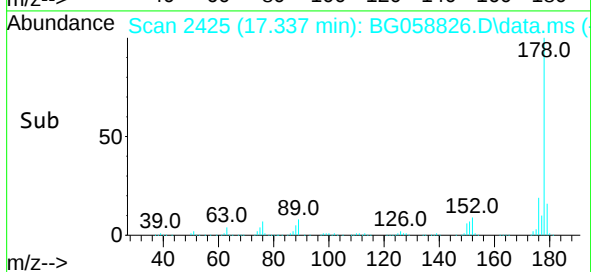
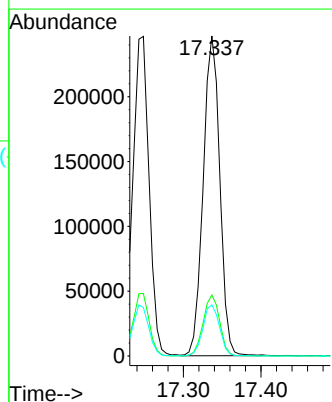
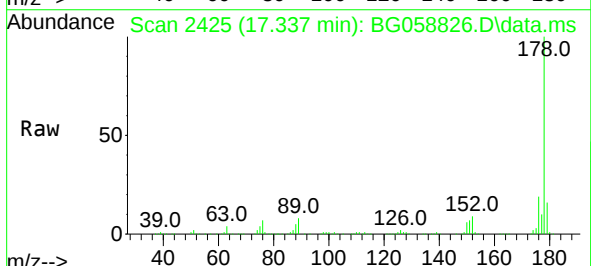
APPROVED

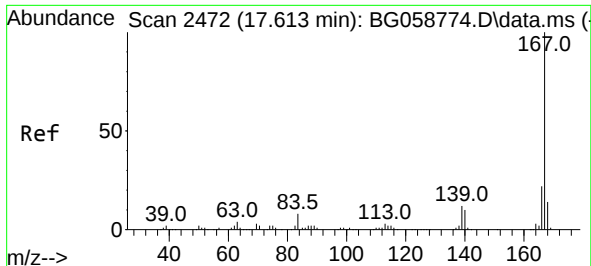
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#72
Anthracene
Concen: 50.842 ng
RT: 17.337 min Scan# 2425
Delta R.T. -0.006 min
Lab File: BG058826.D
Acq: 23 Aug 2023 17:38

Tgt Ion:178 Resp: 366648
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 16.0 12.9 19.3





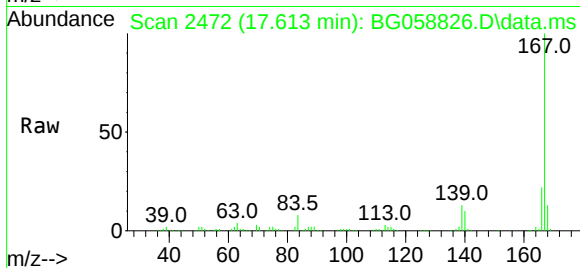
#73
 Carbazole
 Concen: 51.668 ng
 RT: 17.613 min Scan# 2472
 Delta R.T. 0.000 min
 Lab File: BG058826.D
 Acq: 23 Aug 2023 17:38

Instrument :

BNA_G

ClientSampleId :

TP-04(1-2)MS

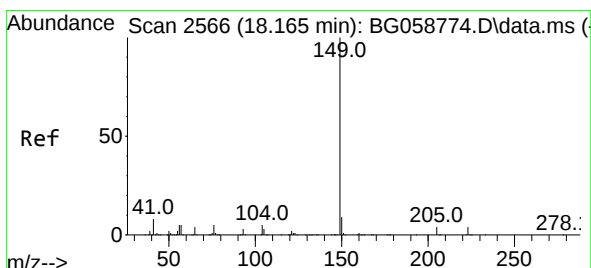
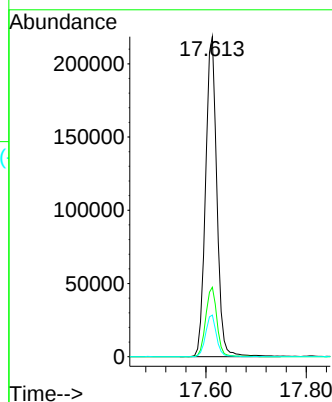
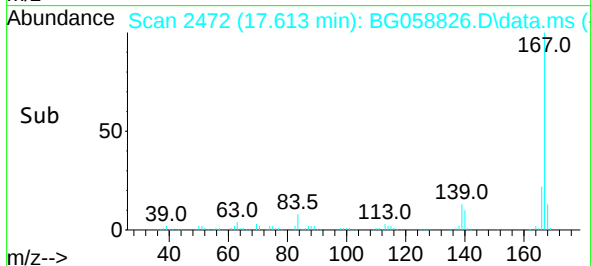


Tgt Ion:167 Resp: 341208
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.2
 139 13.0 9.7 14.5

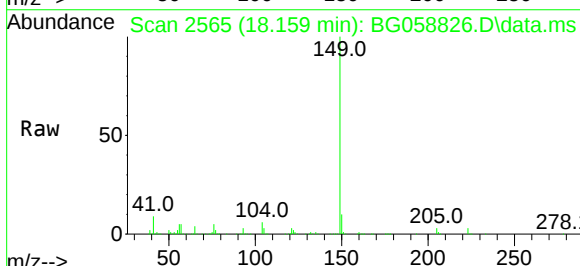
Manual Integrations

APPROVED

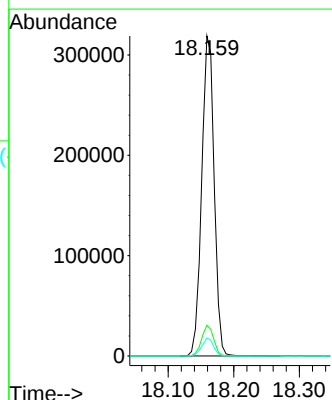
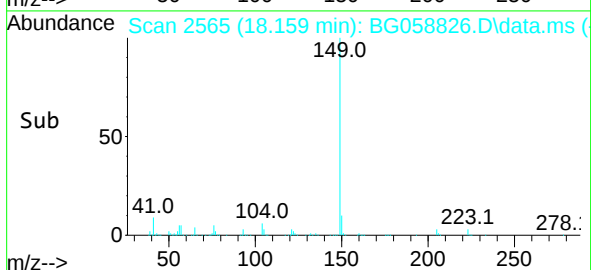
Reviewed By :Yogesh Patel 08/24/2023
 Supervised By :mohammad ahmed 08/24/2023

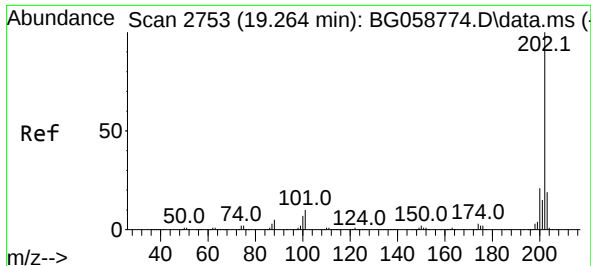


#74
 Di-n-butylphthalate
 Concen: 50.599 ng
 RT: 18.159 min Scan# 2565
 Delta R.T. -0.006 min
 Lab File: BG058826.D
 Acq: 23 Aug 2023 17:38



Tgt Ion:149 Resp: 421525
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.3 10.9
 104 5.6 4.3 6.5





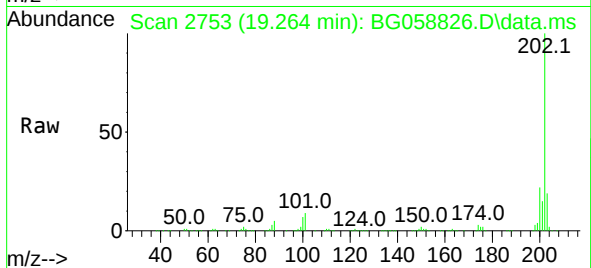
#75
Fluoranthene
Concen: 48.648 ng
RT: 19.264 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG058826.D
Acq: 23 Aug 2023 17:38

Instrument :

BNA_G

ClientSampleId :

TP-04(1-2)MS

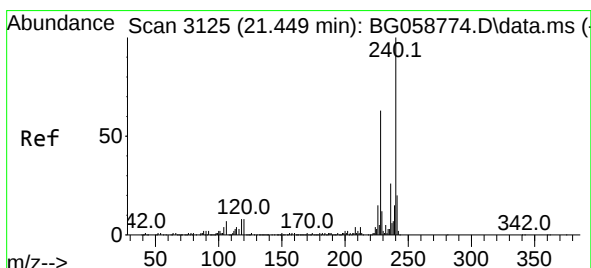
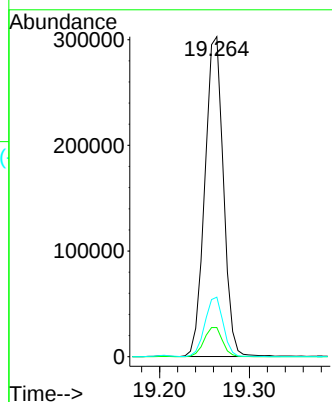
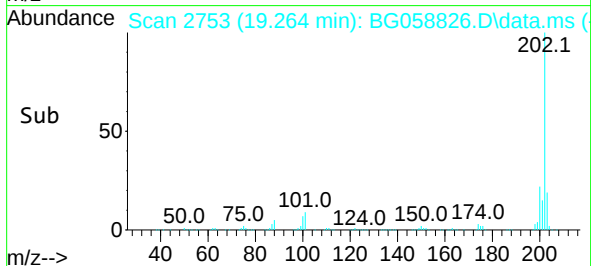


Tgt Ion:202 Resp: 43378
Ion Ratio Lower Upper
202 100
101 9.1 0.0 29.7
203 18.6 0.0 38.7

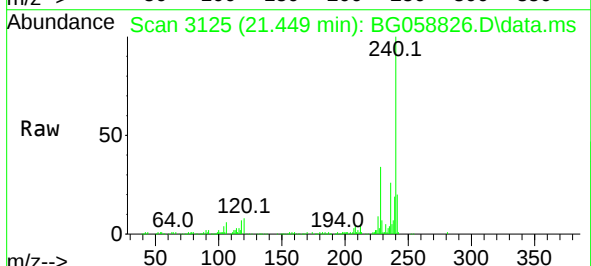
Manual Integrations

APPROVED

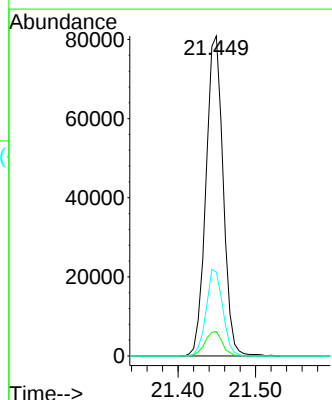
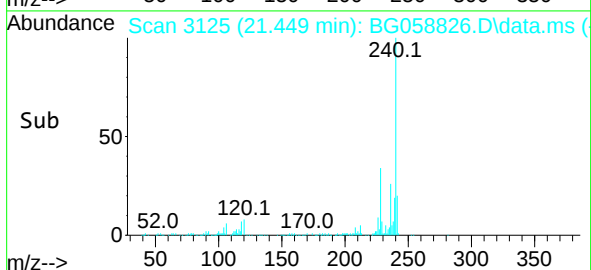
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023

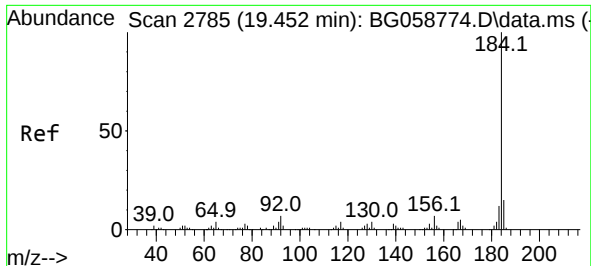


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.449 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BG058826.D
Acq: 23 Aug 2023 17:38



Tgt Ion:240 Resp: 124315
Ion Ratio Lower Upper
240 100
120 7.6 6.2 9.2
236 26.2 20.5 30.7





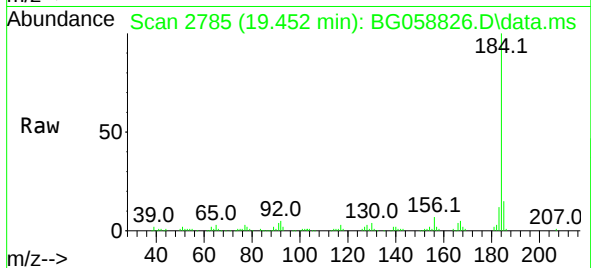
#77
Benzidine
Concen: 49.408 ng
RT: 19.452 min Scan# 2107
Delta R.T. -0.000 min
Lab File: BG058826.D
Acq: 23 Aug 2023 17:38

Instrument :

BNA_G

ClientSampleId :

TP-04(1-2)MS



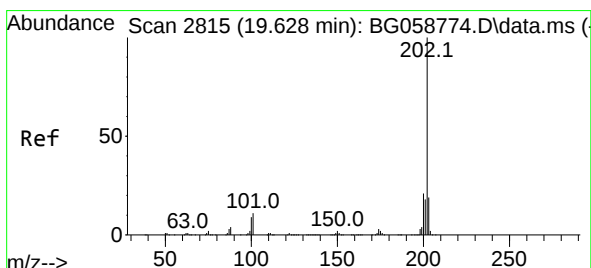
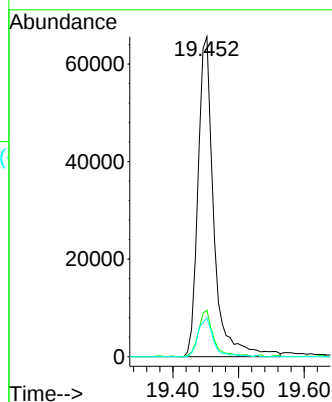
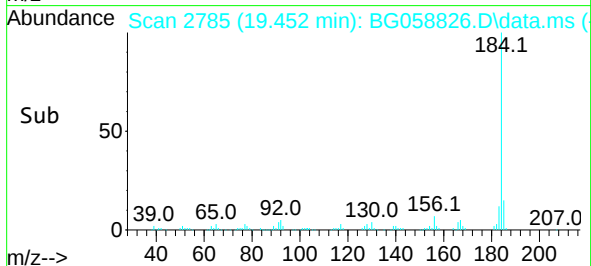
Tgt Ion:184 Resp: 110079
Ion Ratio Lower Upper
184 100
185 14.6 11.9 17.9
183 12.1 10.0 15.0

Manual Integrations

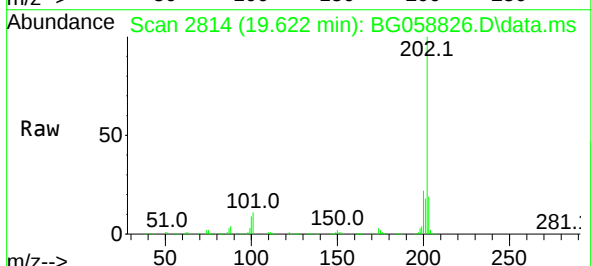
APPROVED

Reviewed By :Yogesh Patel 08/24/2023

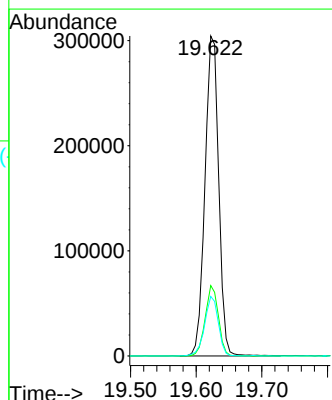
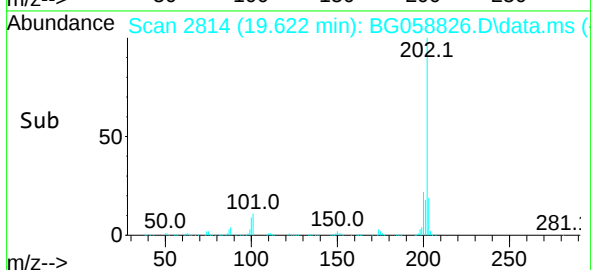
Supervised By :mohammad ahmed 08/24/2023

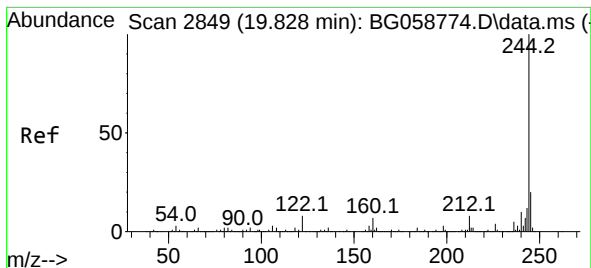


#78
Pyrene
Concen: 51.269 ng
RT: 19.622 min Scan# 2814
Delta R.T. -0.006 min
Lab File: BG058826.D
Acq: 23 Aug 2023 17:38



Tgt Ion:202 Resp: 444083
Ion Ratio Lower Upper
202 100
200 22.0 16.7 25.1
203 18.6 15.3 22.9





#79

Terphenyl-d14

Concen: 64.956 ng

RT: 19.822 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG058826.D

Acq: 23 Aug 2023 17:38

Instrument :

BNA_G

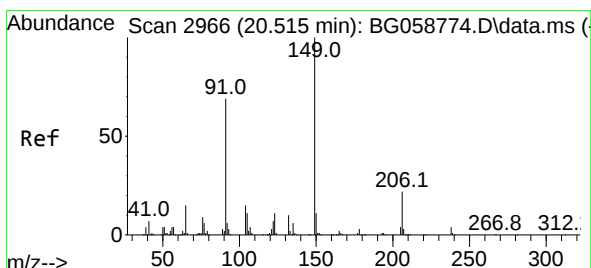
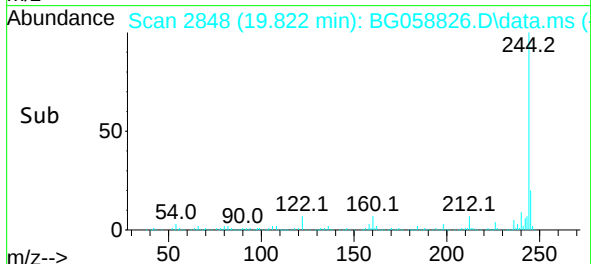
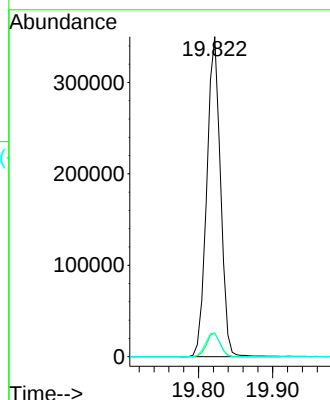
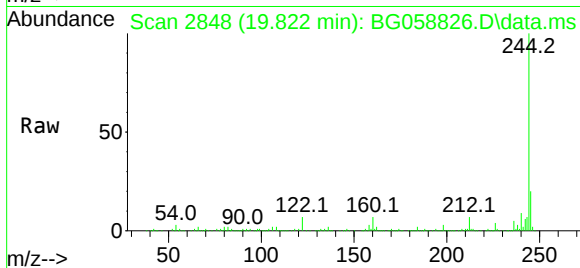
ClientSampleId :

TP-04(1-2)MS

Tgt Ion:244 Resp: 449714
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 7.4 6.3 9.5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/24/2023
 Supervised By :mohammad ahmed 08/24/2023



#80

Butylbenzylphthalate

Concen: 52.987 ng

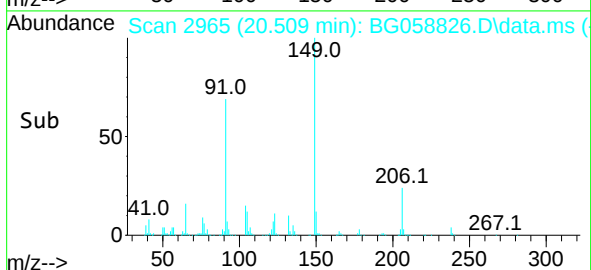
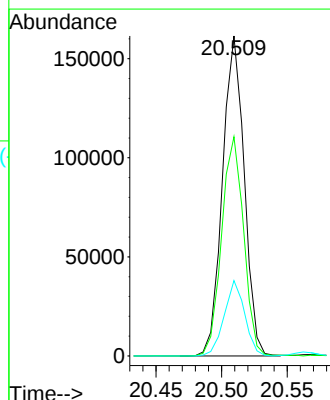
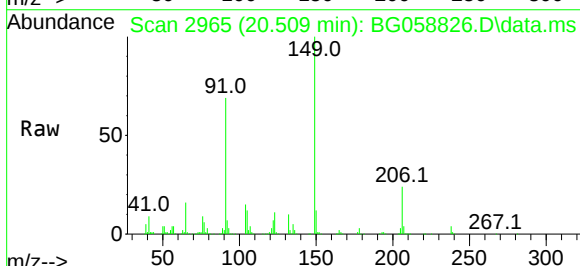
RT: 20.509 min Scan# 2965

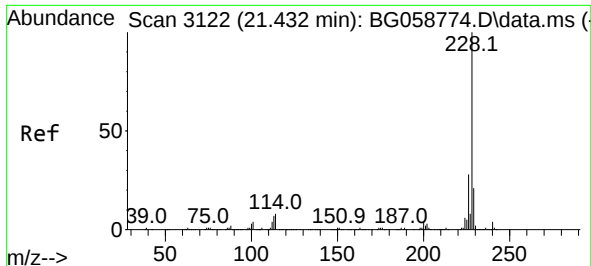
Delta R.T. -0.006 min

Lab File: BG058826.D

Acq: 23 Aug 2023 17:38

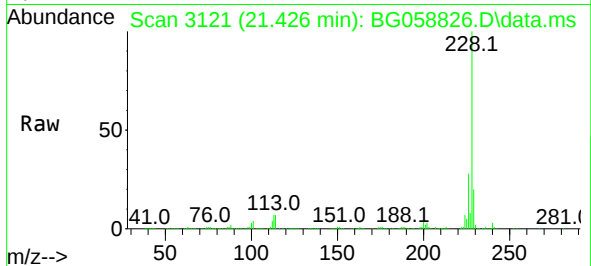
Tgt Ion:149 Resp: 186142
 Ion Ratio Lower Upper
 149 100
 91 68.5 55.0 82.4
 206 23.5 17.6 26.4





#81
Benzo(a)anthracene
Concen: 51.173 ng
RT: 21.426 min Scan# 3122
Delta R.T. -0.006 min
Lab File: BG058826.D
Acq: 23 Aug 2023 17:38

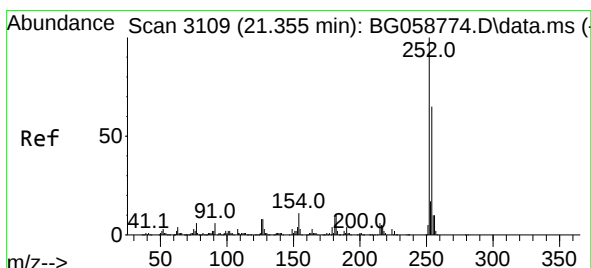
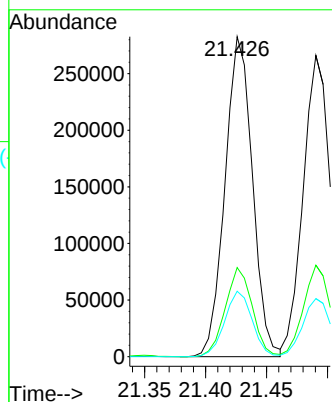
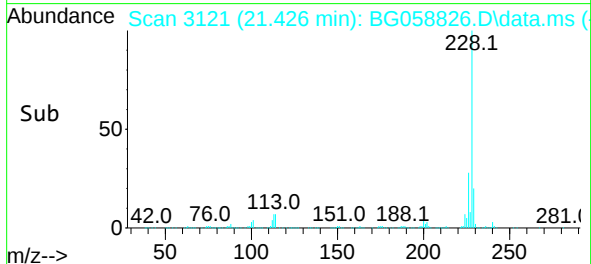
Instrument :
BNA_G
ClientSampleId :
TP-04(1-2)MS



Tgt Ion:228 Resp: 44282
Ion Ratio Lower Upper
228 100
226 27.9 22.6 33.8
229 20.4 16.8 25.2

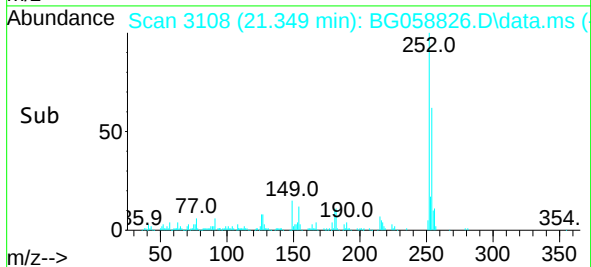
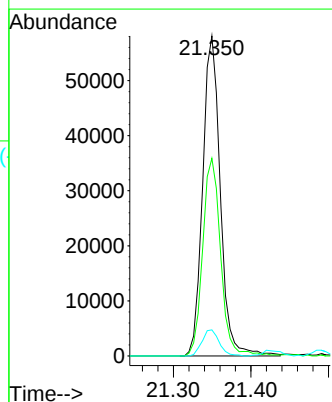
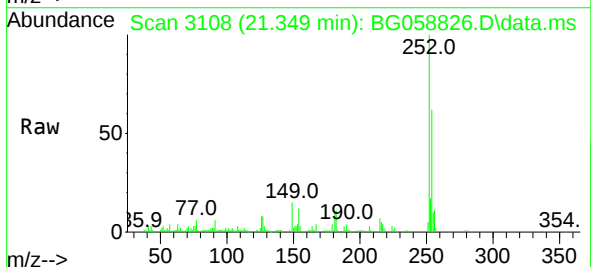
Manual Integrations
APPROVED

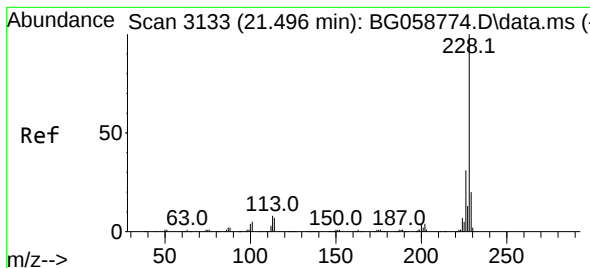
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#82
3,3'-Dichlorobenzidine
Concen: 30.726 ng
RT: 21.349 min Scan# 3108
Delta R.T. -0.006 min
Lab File: BG058826.D
Acq: 23 Aug 2023 17:38

Tgt Ion:252 Resp: 91796
Ion Ratio Lower Upper
252 100
254 61.8 51.8 77.6
126 8.1 6.6 9.8





#83

Chrysene

Concen: 49.898 ng

RT: 21.491 min Scan# 31

Delta R.T. -0.006 min

Lab File: BG058826.D

Acq: 23 Aug 2023 17:38

Instrument :

BNA_G

ClientSampleId :

TP-04(1-2)MS

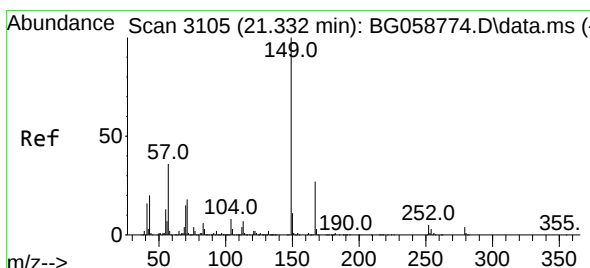
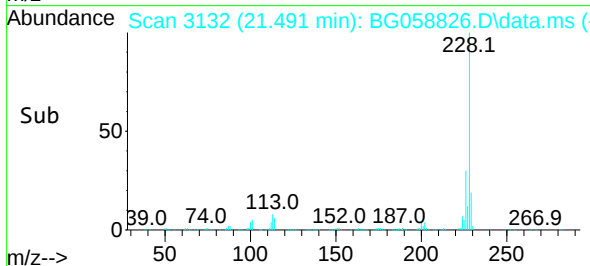
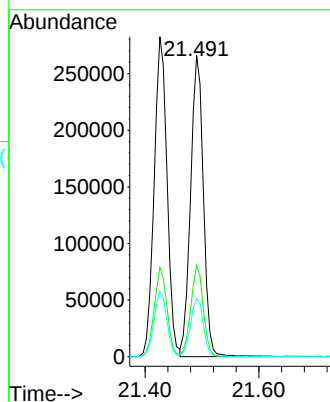
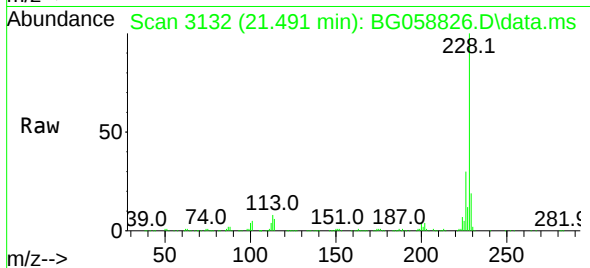
Tgt Ion:228 Resp: 41619
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.4 36.6
 229 19.3 16.3 24.5

Manual Integrations

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Reviewed By :Yogesh Patel 08/24/2023

Supervised By :mohammad ahmed 08/24/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.456 ng

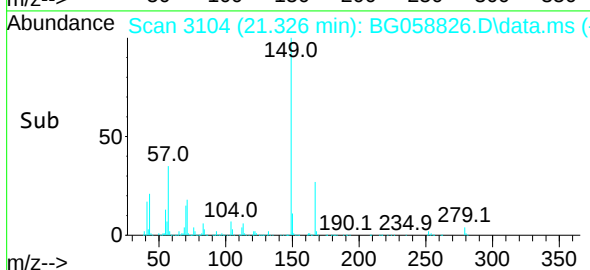
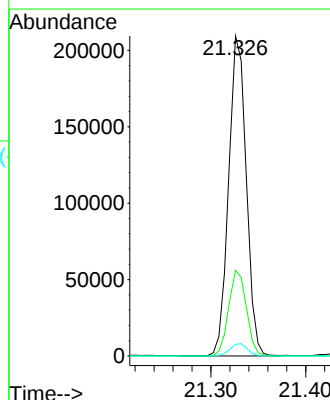
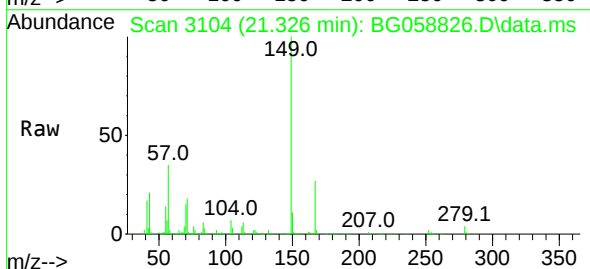
RT: 21.326 min Scan# 3104

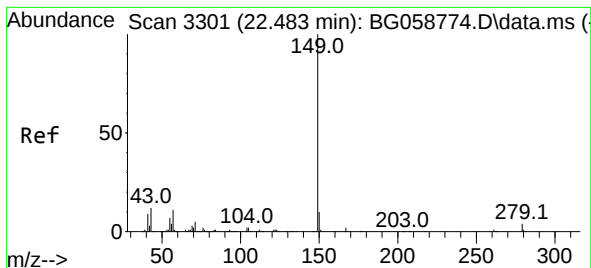
Delta R.T. -0.006 min

Lab File: BG058826.D

Acq: 23 Aug 2023 17:38

Tgt Ion:149 Resp: 270273
 Ion Ratio Lower Upper
 149 100
 167 26.8 21.7 32.5
 279 3.6 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 53.171 ng

RT: 22.478 min Scan# 3301

Delta R.T. -0.006 min

Lab File: BG058826.D

Acq: 23 Aug 2023 17:38

Instrument :

BNA_G

ClientSampleId :

TP-04(1-2)MS

Tgt Ion:149 Resp: 471200

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

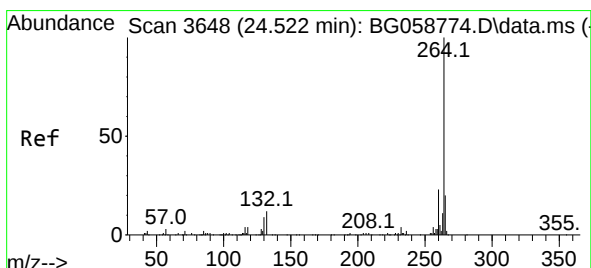
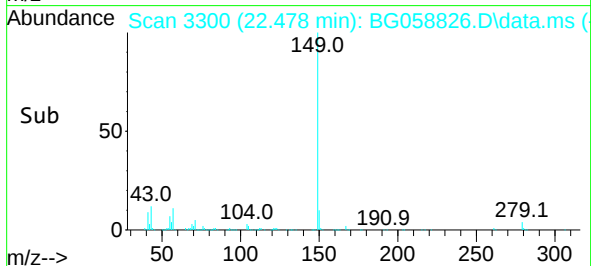
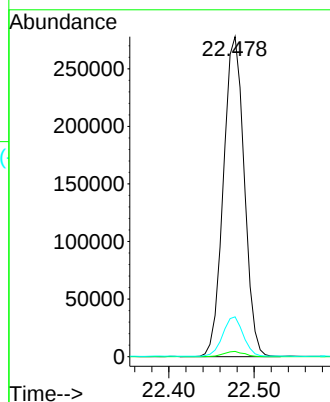
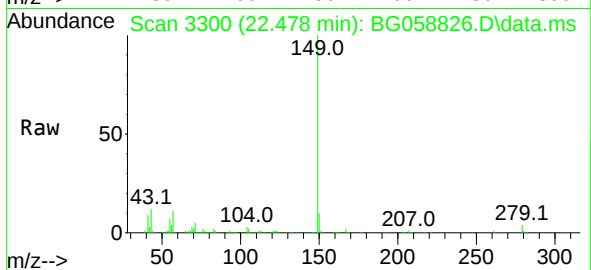
43 12.2 9.7 14.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2023

Supervised By :mohammad ahmed 08/24/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.516 min Scan# 3647

Delta R.T. -0.006 min

Lab File: BG058826.D

Acq: 23 Aug 2023 17:38

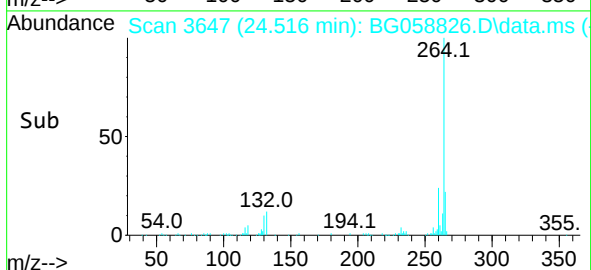
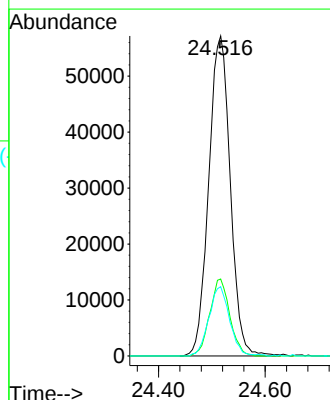
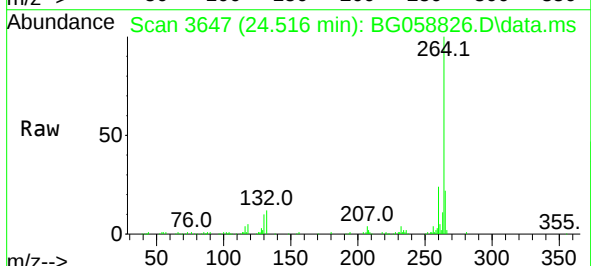
Tgt Ion:264 Resp: 160309

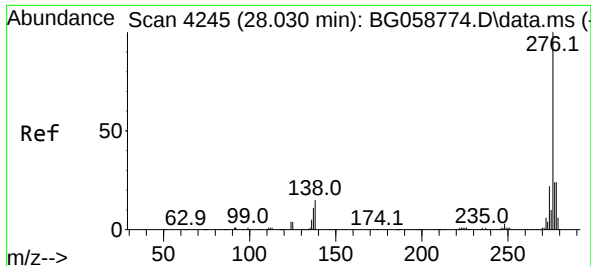
Ion Ratio Lower Upper

264 100

260 24.0 18.2 27.2

265 21.6 16.4 24.6





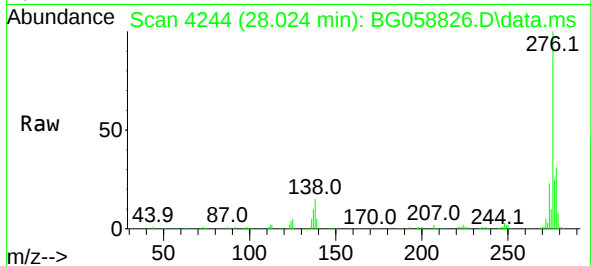
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 51.307 ng
 RT: 28.024 min Scan# 4245
 Delta R.T. -0.006 min
 Lab File: BG058826.D
 Acq: 23 Aug 2023 17:38

Instrument :

BNA_G

ClientSampleId :

TP-04(1-2)MS

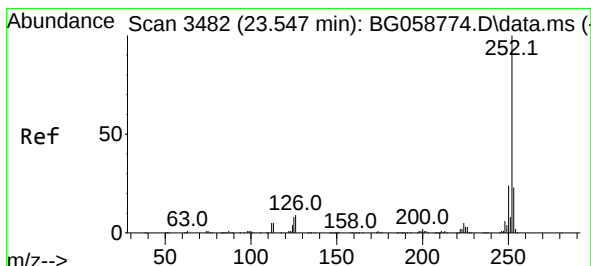
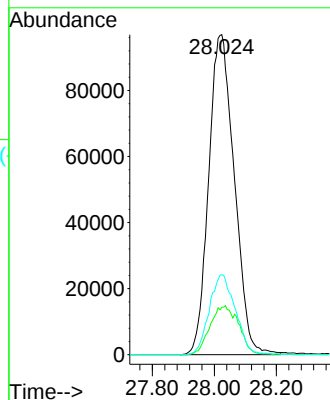


Tgt Ion:276 Resp: 556470
 Ion Ratio Lower Upper
 276 100
 138 17.0 6.2 9.2
 277 25.3 20.4 30.6

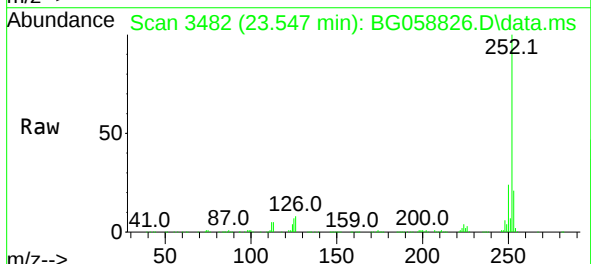
Manual Integrations

APPROVED

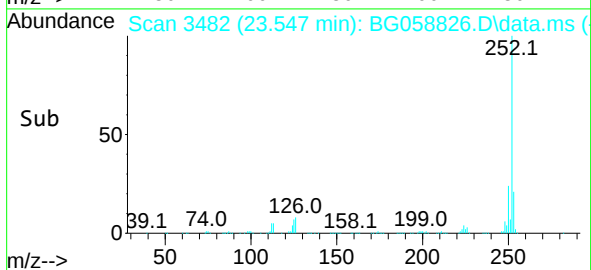
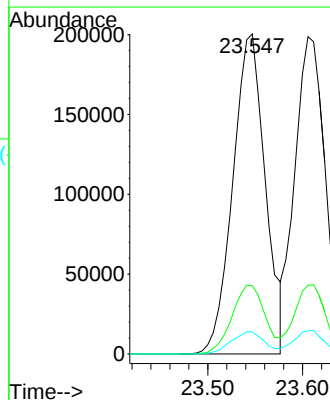
Reviewed By :Yogesh Patel 08/24/2023
 Supervised By :mohammad ahmed 08/24/2023

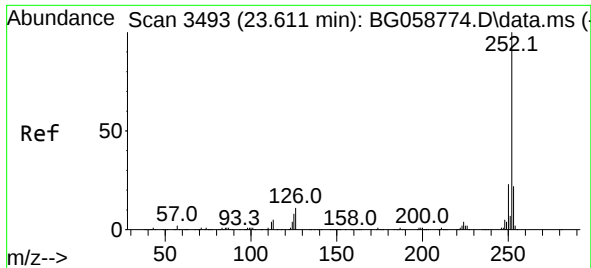


#88
 Benzo(b)fluoranthene
 Concen: 53.563 ng
 RT: 23.547 min Scan# 3482
 Delta R.T. 0.000 min
 Lab File: BG058826.D
 Acq: 23 Aug 2023 17:38



Tgt Ion:252 Resp: 476429
 Ion Ratio Lower Upper
 252 100
 253 21.3 18.4 27.6
 125 6.9 6.2 9.2





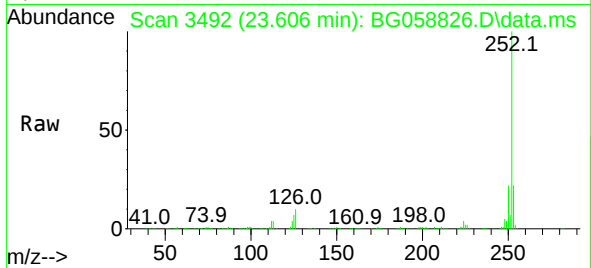
#89
Benzo(k)fluoranthene
Concen: 48.691 ng
RT: 23.606 min Scan# 3492
Delta R.T. -0.006 min
Lab File: BG058826.D
Acq: 23 Aug 2023 17:38

Instrument :

BNA_G

ClientSampleId :

TP-04(1-2)MS

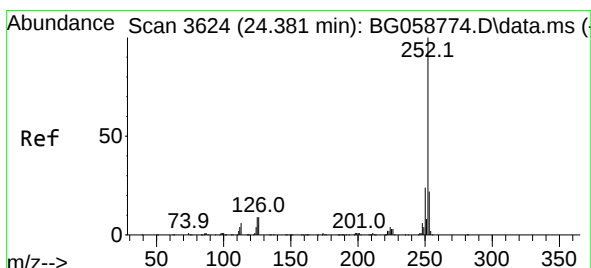
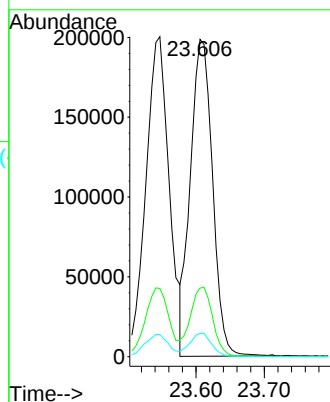
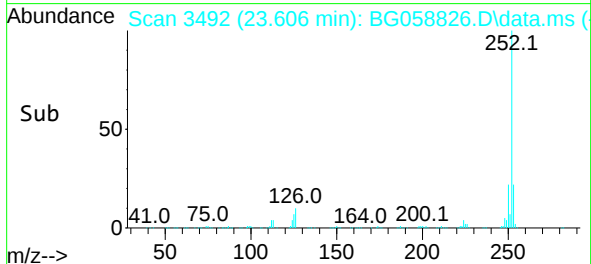


Tgt Ion:252 Resp: 446652
Ion Ratio Lower Upper
252 100
253 21.6 17.6 26.4
125 7.3 6.3 9.5

Manual Integrations

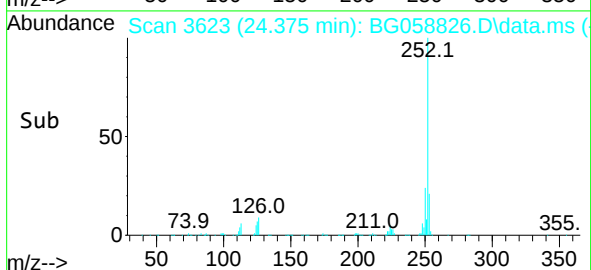
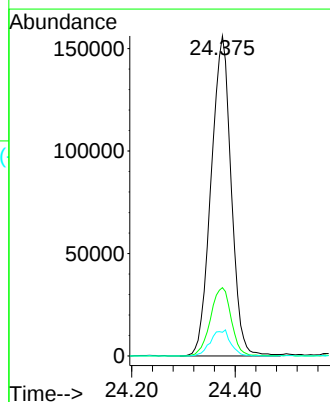
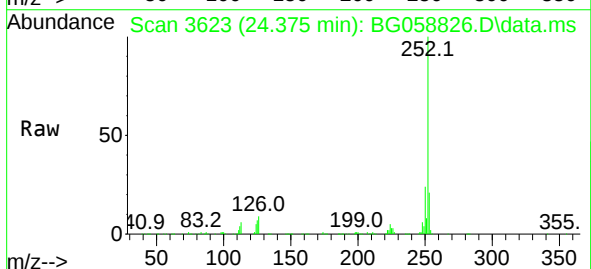
APPROVED

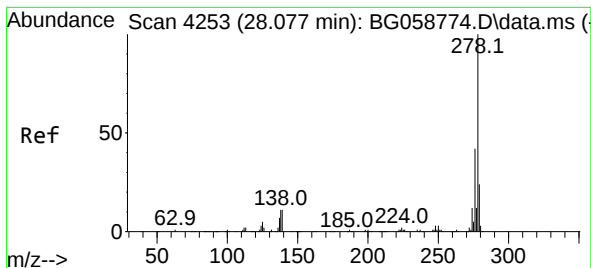
Reviewed By :Yogesh Patel 08/24/2023
Supervised By :mohammad ahmed 08/24/2023



#90
Benzo(a)pyrene
Concen: 47.976 ng
RT: 24.375 min Scan# 3623
Delta R.T. -0.006 min
Lab File: BG058826.D
Acq: 23 Aug 2023 17:38

Tgt Ion:252 Resp: 420181
Ion Ratio Lower Upper
252 100
253 21.4 17.5 26.3
125 7.4 6.8 10.2





#91

Dibenzo(a,h)anthracene

Concen: 51.721 ng

RT: 28.071 min Scan# 41

Delta R.T. -0.006 min

Lab File: BG058826.D

Acq: 23 Aug 2023 17:38

Instrument :

BNA_G

ClientSampleId :

TP-04(1-2)MS

Tgt Ion:278 Resp: 46095

Ion Ratio Lower Upper

278 100

139 12.0 8.9 13.3

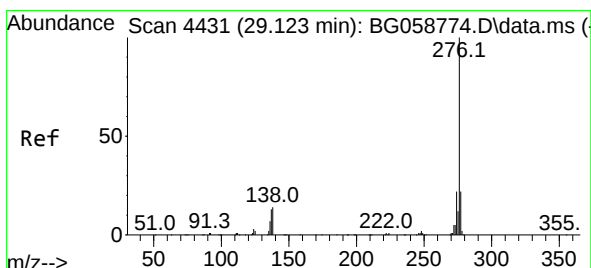
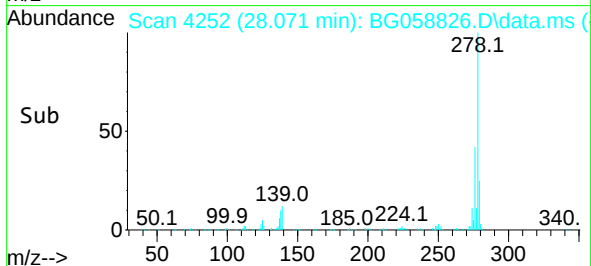
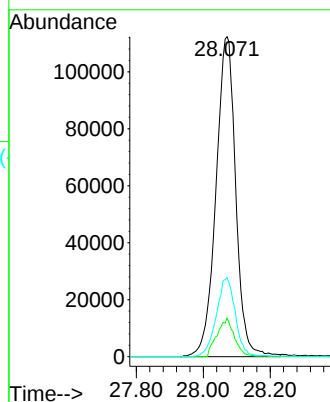
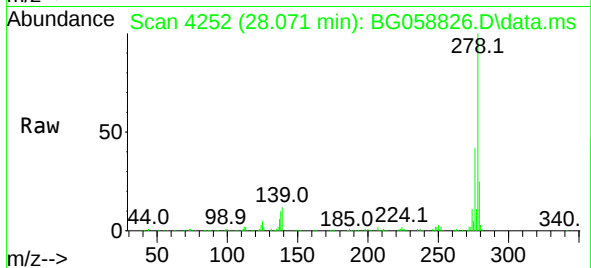
279 24.7 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2023

Supervised By :mohammad ahmed 08/24/2023



#92

Benzo(g,h,i)perylene

Concen: 50.617 ng

RT: 29.111 min Scan# 4429

Delta R.T. -0.012 min

Lab File: BG058826.D

Acq: 23 Aug 2023 17:38

Tgt Ion:276 Resp: 451026

Ion Ratio Lower Upper

276 100

277 23.4 17.8 26.6

138 14.4 11.1 16.7

