

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081123\
 Data File : BG058698.D
 Acq On : 11 Aug 2023 11:05
 Operator : MA/JU
 Sample : PB154756BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154756BS

Quant Time: Aug 11 11:45:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/11/2023
 Supervised By :mohammad ahmed 08/12/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	46189	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	201564	20.000	ng	0.00
39) Acenaphthene-d10	14.462	164	144462	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	364356	20.000	ng	0.00
76) Chrysene-d12	21.454	240	321640	20.000	ng	0.00
86) Perylene-d12	24.521	264	410065	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	373993	123.759	ng	0.00
7) Phenol-d6	6.983	99	505449	120.203	ng	0.00
23) Nitrobenzene-d5	8.975	82	301638	73.515	ng	0.00
42) 2,4,6-Tribromophenol	15.955	330	260920	110.193	ng	0.00
45) 2-Fluorobiphenyl	13.082	172	687347	71.303	ng	0.00
79) Terphenyl-d14	19.827	244	1352378	79.069	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.264	88	44894	30.658	ng	98
3) Pyridine	3.658	79	112427	28.161	ng	96
4) n-Nitrosodimethylamine	3.575	42	68544	40.521	ng	92
6) Aniline	7.136	93	170324	32.899	ng	99
8) 2-Chlorophenol	7.377	128	138395	46.683	ng	98
9) Benzaldehyde	6.948	77	74204	32.481	ng	96
10) Phenol	7.012	94	192130	46.774	ng	97
11) bis(2-Chloroethyl)ether	7.236	93	135199	41.750	ng	99
12) 1,3-Dichlorobenzene	7.700	146	132125	41.737	ng	99
13) 1,4-Dichlorobenzene	7.847	146	132536	41.697	ng	95
14) 1,2-Dichlorobenzene	8.164	146	131072	43.130	ng	98
15) Benzyl Alcohol	8.052	79	135490	50.808	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.340	45	229448	43.619	ng	97
17) 2-Methylphenol	8.258	107	131046	43.633	ng	98
18) Hexachloroethane	8.887	117	48026	41.569	ng	93
19) n-Nitroso-di-n-propyla...	8.616	70	110785	40.788	ng	100
20) 3+4-Methylphenols	8.587	107	178390	43.911	ng	96
22) Acetophenone	8.634	105	217492	40.298	ng	99
24) Nitrobenzene	9.022	77	165315	39.632	ng	96
25) Isophorone	9.539	82	324523	38.280	ng	100
26) 2-Nitrophenol	9.727	139	74381	40.964	ng	99
27) 2,4-Dimethylphenol	9.791	122	123901	41.138	ng	98
28) bis(2-Chloroethoxy)met...	10.021	93	185557	40.220	ng	100
29) 2,4-Dichlorophenol	10.267	162	135414	43.302	ng	96
30) 1,2,4-Trichlorobenzene	10.479	180	144629	40.103	ng	98
31) Naphthalene	10.661	128	413376	38.911	ng	99
32) Benzoic acid	9.962	122	71619	32.750	ng	98
33) 4-Chloroaniline	10.779	127	113580	25.305	ng	99
34) Hexachlorobutadiene	10.943	225	89819	38.673	ng	99
35) Caprolactam	11.554	113	48311m	41.835	ng	
36) 4-Chloro-3-methylphenol	11.913	107	166322	42.995	ng	99
37) 2-Methylnaphthalene	12.277	142	287030	37.771	ng	98
38) 1-Methylnaphthalene	12.500	142	278094	38.498	ng	97
40) 1,2,4,5-Tetrachloroben...	12.653	216	170113	38.356	ng	99
41) Hexachlorocyclopentadiene	12.623	237	140516	69.216	ng	98
43) 2,4,6-Trichlorophenol	12.894	196	122304	40.093	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.970	196	137043	38.141	ng	97
46) 1,1'-Biphenyl	13.293	154	387010	39.009	ng	99
47) 2-Chloronaphthalene	13.334	162	306070	39.567	ng	98
48) 2-Nitroaniline	13.546	65	125137	42.383	ng	98
49) Acenaphthylene	14.186	152	519912	40.145	ng	100
50) Dimethylphthalate	13.922	163	434841	40.080	ng	98
51) 2,6-Dinitrotoluene	14.045	165	98751	41.482	ng	99
52) Acenaphthene	14.527	154	291532	38.958	ng	99
53) 3-Nitroaniline	14.374	138	72032	30.243	ng	97
54) 2,4-Dinitrophenol	14.592	184	108706	80.911	ng	99
55) Dibenzofuran	14.862	168	504498	39.234	ng	100
56) 4-Nitrophenol	14.698	139	150995	85.326	ng	94
57) 2,4-Dinitrotoluene	14.839	165	138638	42.007	ng	94
58) Fluorene	15.508	166	408439	39.984	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.091	232	123757	40.364	ng	100
60) Diethylphthalate	15.279	149	447658	40.501	ng	99
61) 4-Chlorophenyl-phenyle...	15.502	204	223200	39.192	ng	98
62) 4-Nitroaniline	15.544	138	102394	45.383	ng	98
63) Azobenzene	15.796	77	436667	40.110	ng	99
65) 4,6-Dinitro-2-methylph...	15.602	198	84553	42.087	ng	96
66) n-Nitrosodiphenylamine	15.720	169	368984	38.909	ng	99
67) 4-Bromophenyl-phenylether	16.396	248	157868	38.201	ng	95
68) Hexachlorobenzene	16.519	284	177985	40.644	ng	98
69) Atrazine	16.672	200	154958	48.405	ng	98
70) Pentachlorophenol	16.866	266	180006	67.912	ng	98
71) Phenanthrene	17.253	178	683365	39.548	ng	99
72) Anthracene	17.341	178	696007	39.256	ng	100
73) Carbazole	17.612	167	664523	42.503	ng	99
74) Di-n-butylphthalate	18.164	149	810953	41.410	ng	100
75) Fluoranthene	19.269	202	857650	41.320	ng	99
77) Benzidine	19.451	184	354182	72.617	ng	98
78) Pyrene	19.627	202	879564	40.182	ng	99
80) Butylbenzylphthalate	20.514	149	358713	39.896	ng	99
81) Benzo(a)anthracene	21.431	228	898592	40.596	ng	99
82) 3,3'-Dichlorobenzidine	21.354	252	272295	36.383	ng	100
83) Chrysene	21.495	228	831770	39.192	ng	99
84) Bis(2-ethylhexyl)phtha...	21.337	149	522745	39.785	ng	100
85) Di-n-octyl phthalate	22.488	149	937047	40.564	ng	99
87) Indeno(1,2,3-cd)pyrene	28.035	276	1136529	41.661	ng	99
88) Benzo(b)fluoranthene	23.552	252	961897	43.249	ng	99
89) Benzo(k)fluoranthene	23.616	252	895430	40.076	ng	100
90) Benzo(a)pyrene	24.386	252	846655	38.763	ng	98
91) Dibenzo(a,h)anthracene	28.088	278	940162	41.679	ng	99
92) Benzo(g,h,i)perylene	29.134	276	916571	40.522	ng	99

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

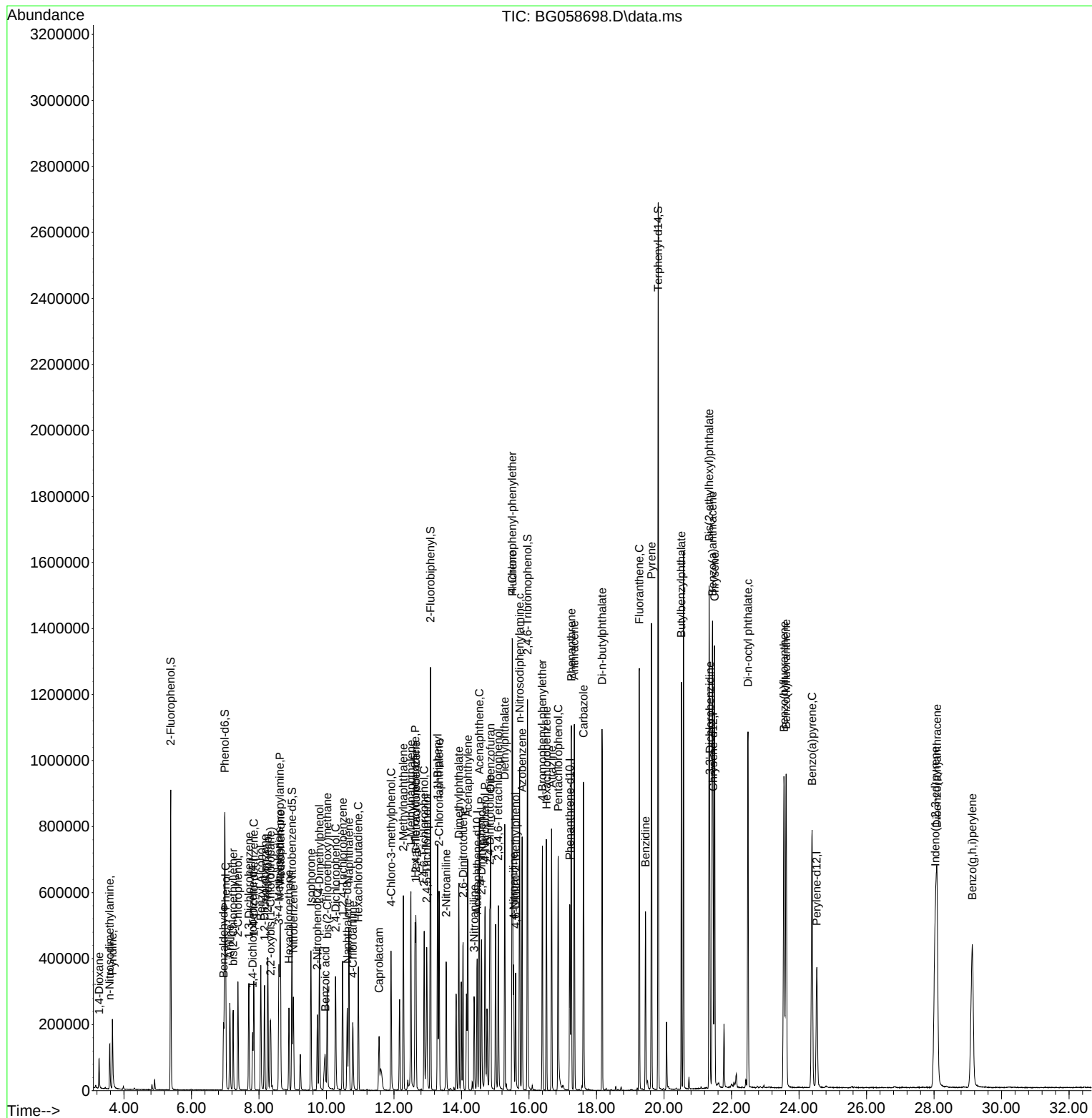
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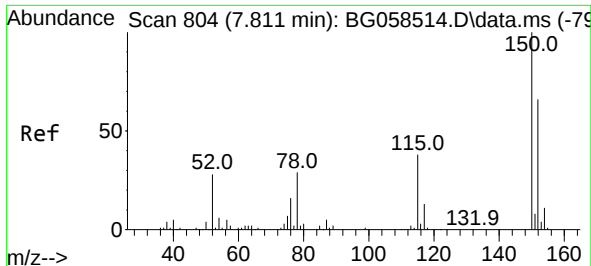
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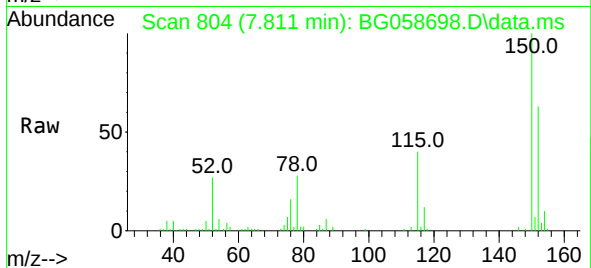
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.811 min Scan# 80
Delta R.T. 0.000 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

Instrument :

BNA_G

ClientSampleId :

PB154756BS

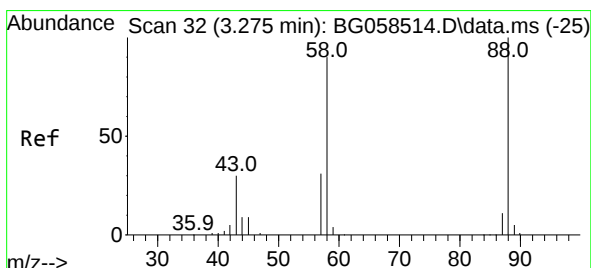
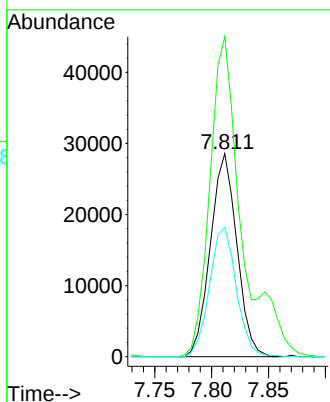
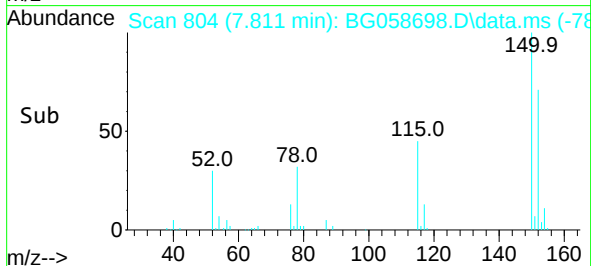


Tgt Ion:152 Resp: 46189
Ion Ratio Lower Upper
152 100
150 157.6 120.5 180.7
115 63.6 45.9 68.9

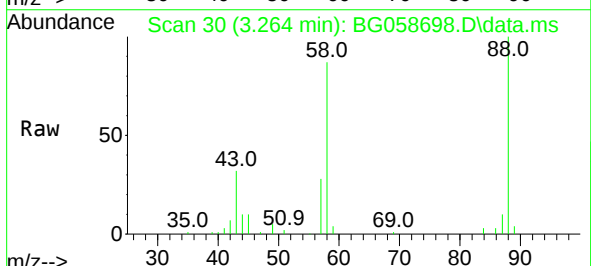
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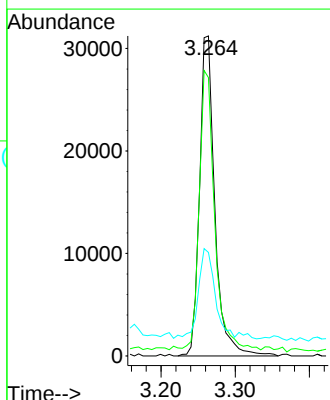
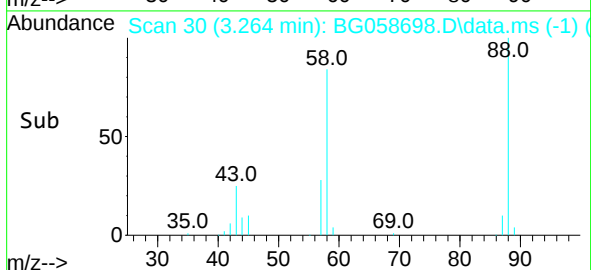
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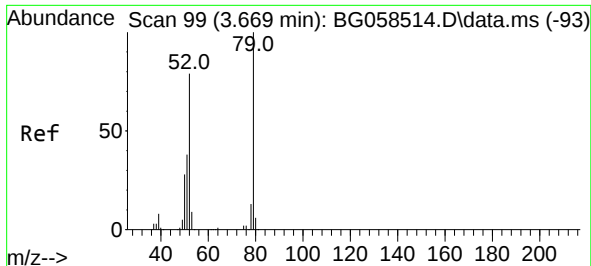


#2
1,4-Dioxane
Concen: 30.658 ng
RT: 3.264 min Scan# 30
Delta R.T. -0.011 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05



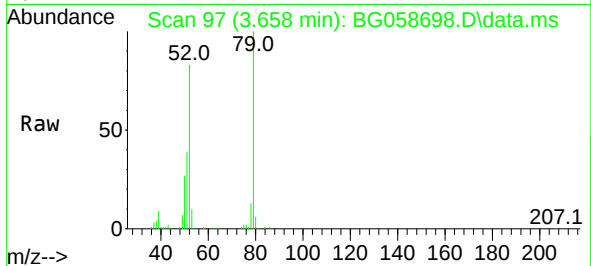
Tgt Ion: 88 Resp: 44894
Ion Ratio Lower Upper
88 100
58 87.9 68.9 103.3
43 28.8 22.9 34.3





#3
Pyridine
Concen: 28.161 ng
RT: 3.658 min Scan# 91
Delta R.T. -0.011 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

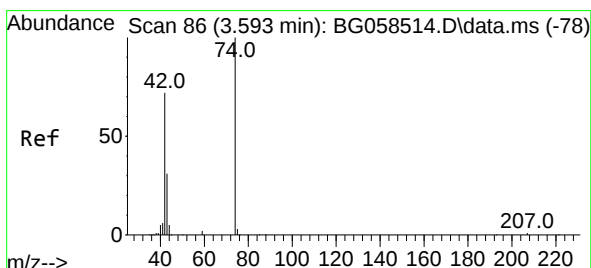
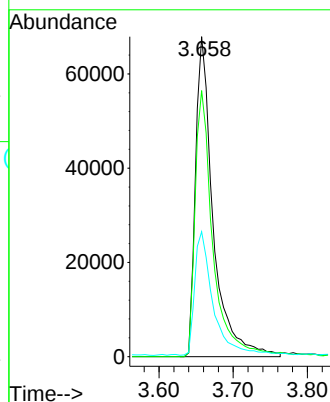
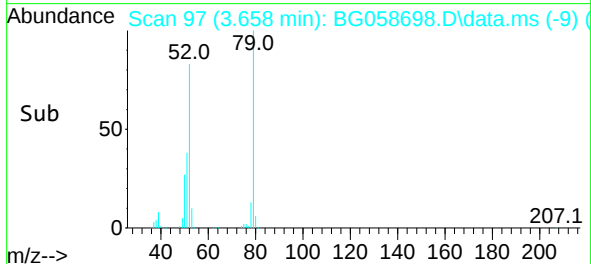
Instrument :
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ClientSampleId :
PB154756BS



Tgt Ion: 79 Resp: 11242
Ion Ratio Lower Upper
79 100
52 83.2 63.2 94.8
51 39.0 31.9 47.9

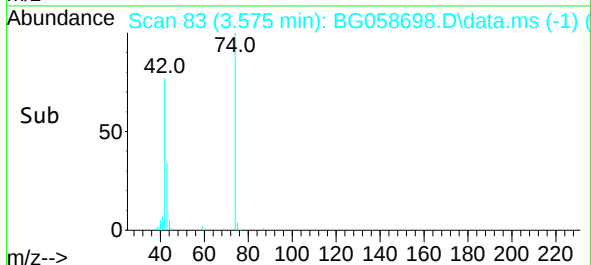
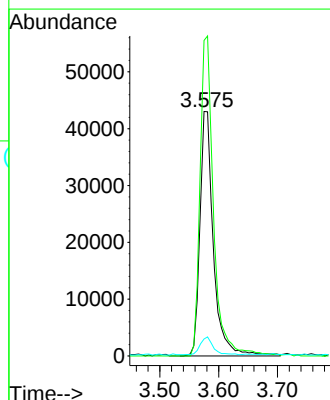
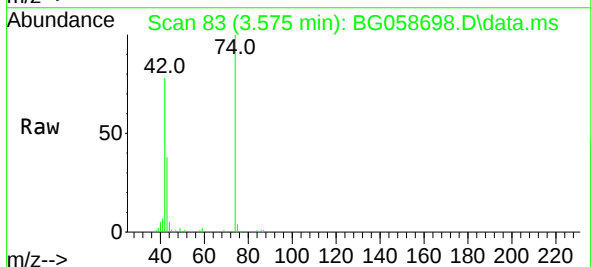
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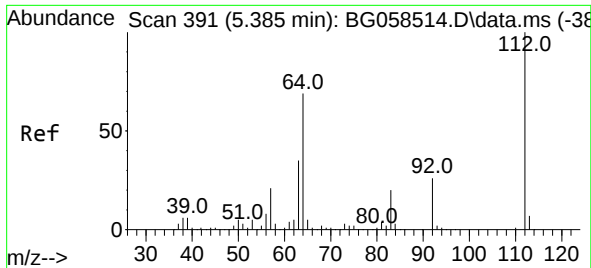
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Supervised By :mohammad ahmed 08/12/2023



#4
n-Nitrosodimethylamine
Concen: 40.521 ng
RT: 3.575 min Scan# 83
Delta R.T. -0.017 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

Tgt Ion: 42 Resp: 68544
Ion Ratio Lower Upper
42 100
74 129.0 111.5 167.3
44 7.0 5.4 8.2





#5
2-Fluorophenol
Concen: 123.759 ng
RT: 5.385 min Scan# 391
Delta R.T. 0.000 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

Instrument :

BNA_G

ClientSampleId :

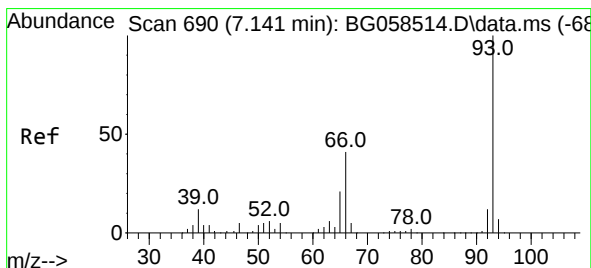
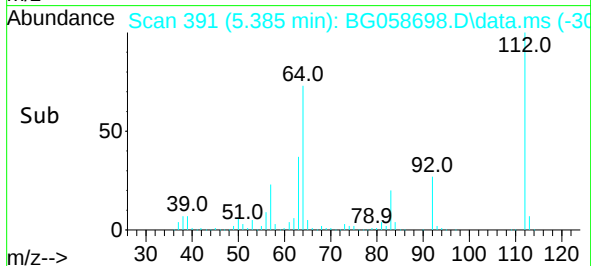
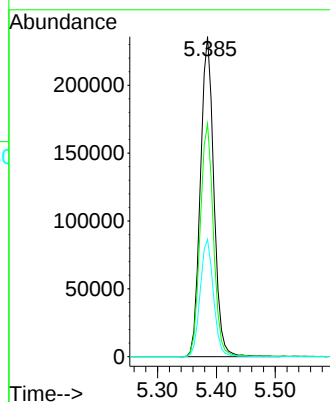
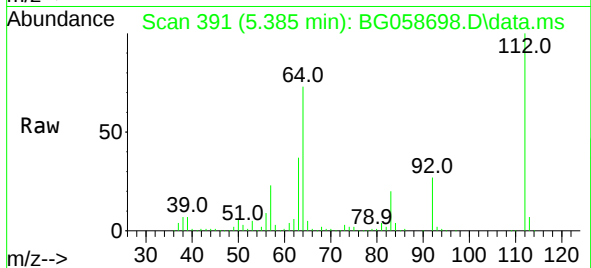
PB154756BS

Tgt Ion:112 Resp: 373998
Ion Ratio Lower Upper
112 100
64 72.8 55.3 82.9
63 36.7 28.3 42.5

Manual Integrations

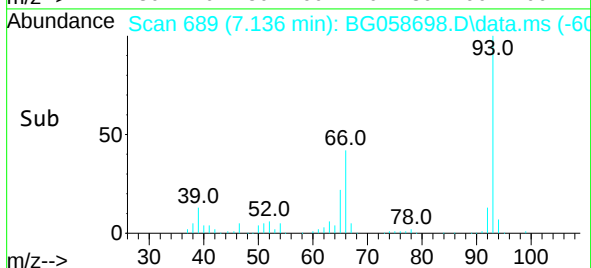
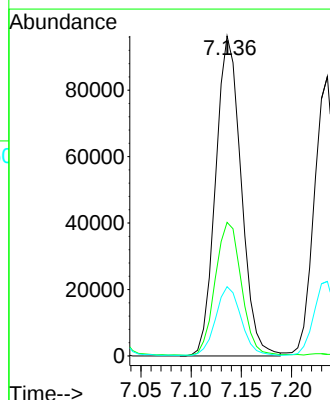
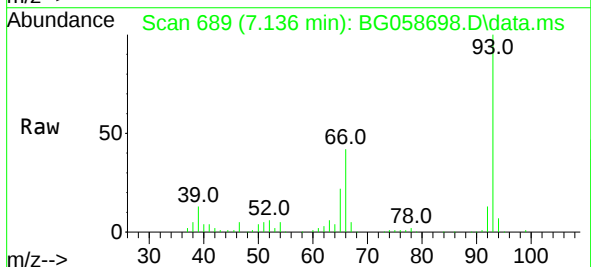
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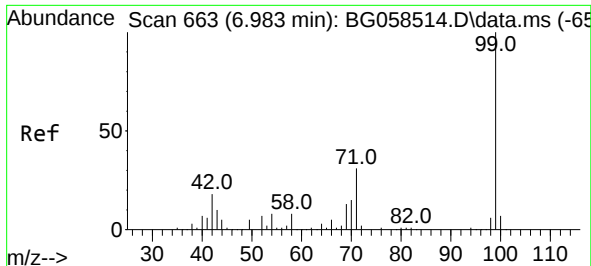
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#6
Aniline
Concen: 32.899 ng
RT: 7.136 min Scan# 689
Delta R.T. -0.006 min
Lab File: BG058698.D
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Tgt Ion: 93 Resp: 170324
Ion Ratio Lower Upper
93 100
66 41.8 33.1 49.7
65 21.6 17.0 25.4





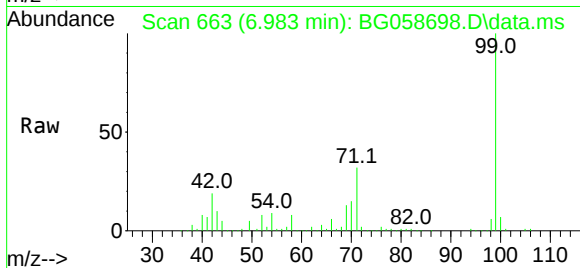
#7
Phenol-d6
Concen: 120.203 ng
RT: 6.983 min Scan# 60
Delta R.T. 0.000 min
Lab File: BG058698.D
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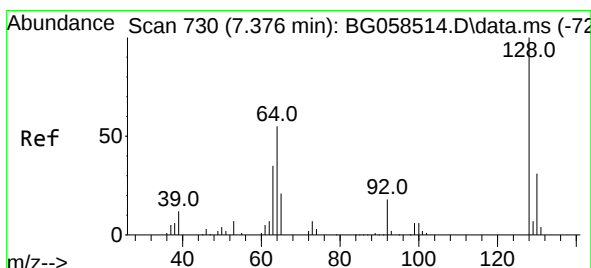
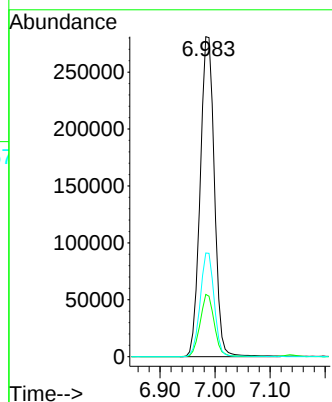
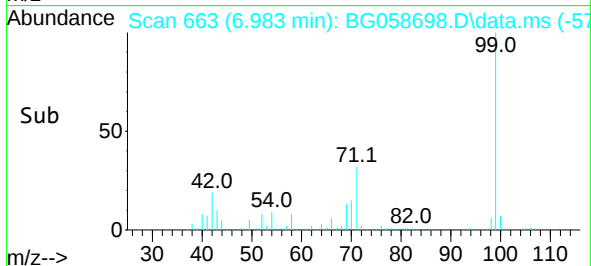
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Ion Ratio Lower Upper
99 100
42 19.5 14.6 21.8
71 32.4 25.0 37.4

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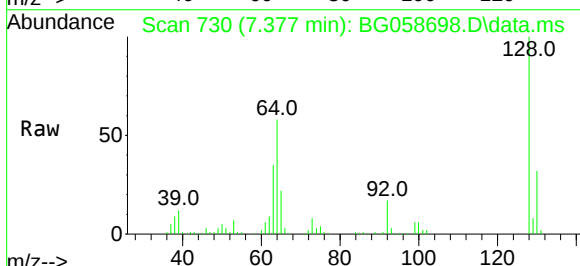
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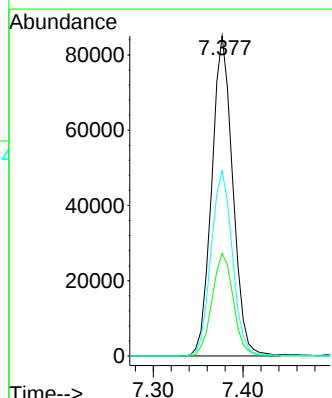
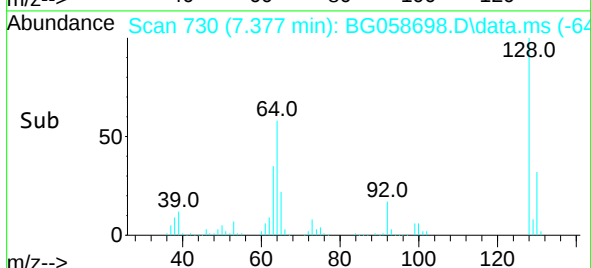
Supervised By :mohammad ahmed 08/12/2023

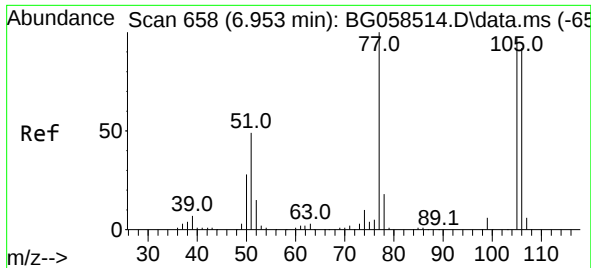


#8
2-Chlorophenol
Concen: 46.683 ng
RT: 7.377 min Scan# 730
Delta R.T. 0.000 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05



Tgt Ion:128 Resp: 138395
Ion Ratio Lower Upper
128 100
130 32.0 10.9 50.9
64 57.9 39.0 79.0





#9
Benzaldehyde
Concen: 32.481 ng
RT: 6.948 min Scan# 657
Delta R.T. -0.005 min
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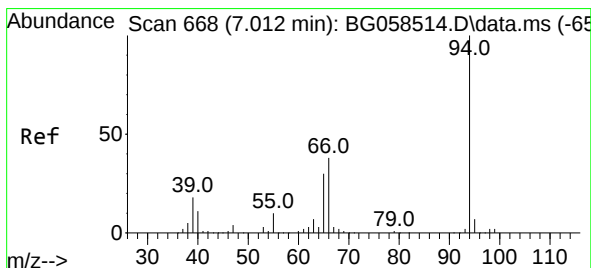
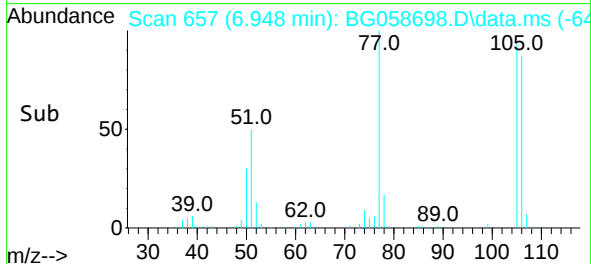
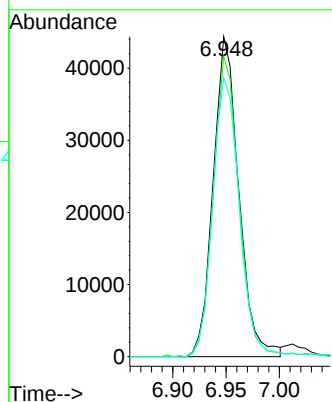
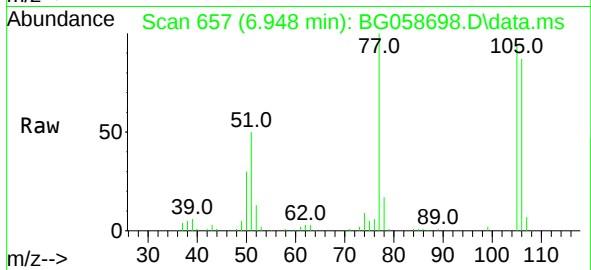
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Tgt Ion: 77 Resp: 74204
Ion Ratio Lower Upper
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105 93.8 77.1 117.1
106 87.2 71.6 111.6

Manual Integrations

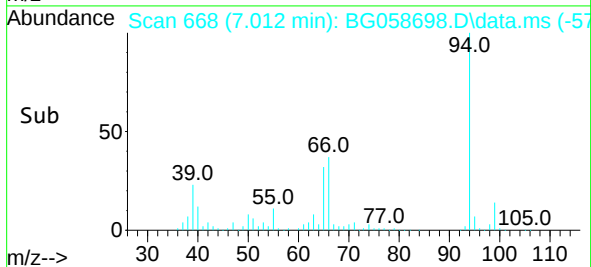
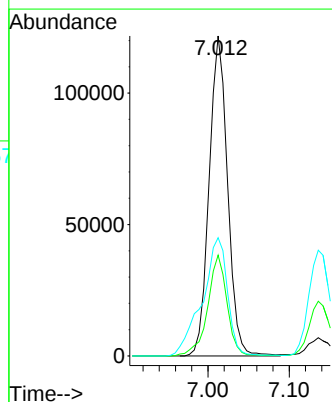
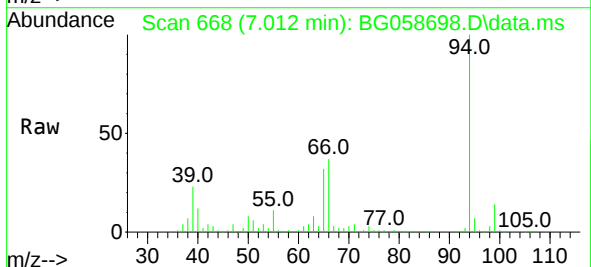
APPROVED

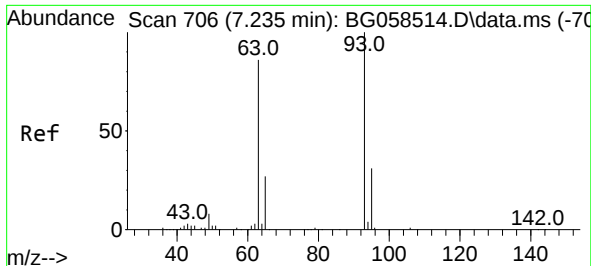
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/12/2023



#10
Phenol
Concen: 46.774 ng
RT: 7.012 min Scan# 668
Delta R.T. 0.000 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

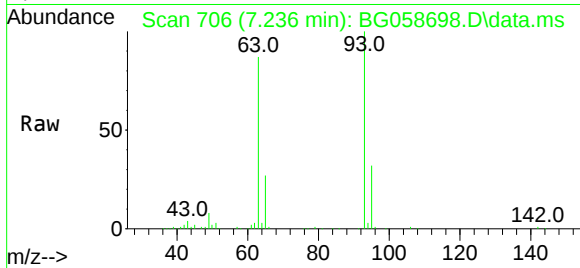
Tgt Ion: 94 Resp: 192130
Ion Ratio Lower Upper
94 100
65 31.5 10.4 50.4
66 36.9 18.7 58.7





#11
bis(2-Chloroethyl)ether
Concen: 41.750 ng
RT: 7.236 min Scan# 706
Delta R.T. 0.000 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

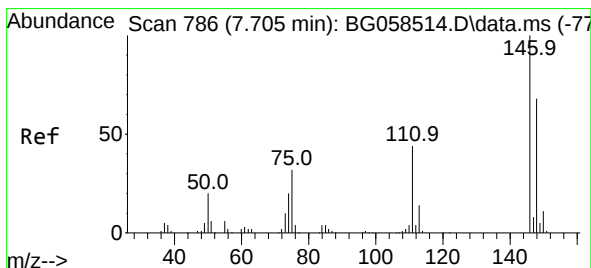
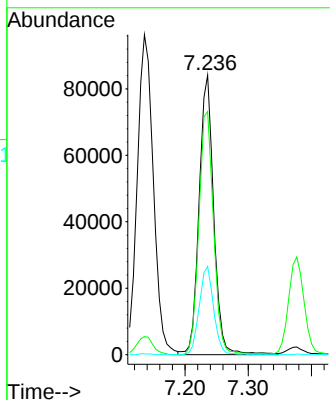
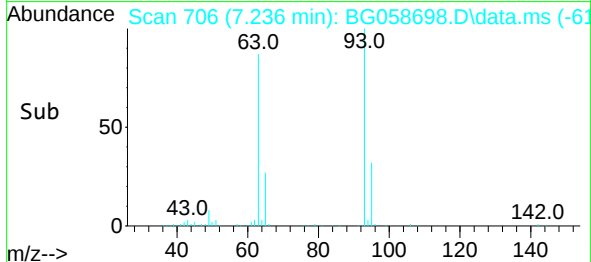
Instrument :
BNA_G
ClientSampleId :
PB154756BS



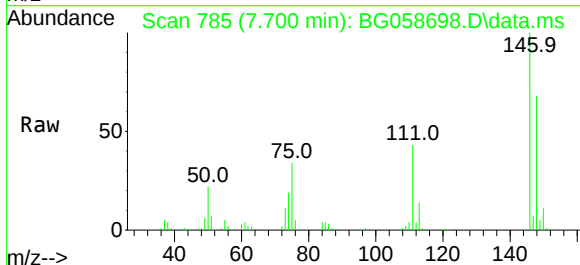
Tgt Ion: 93 Resp: 135199
Ion Ratio Lower Upper
93 100
63 87.0 65.5 105.5
95 31.5 11.2 51.2

Manual Integrations
APPROVED

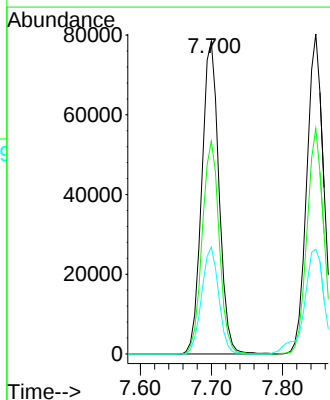
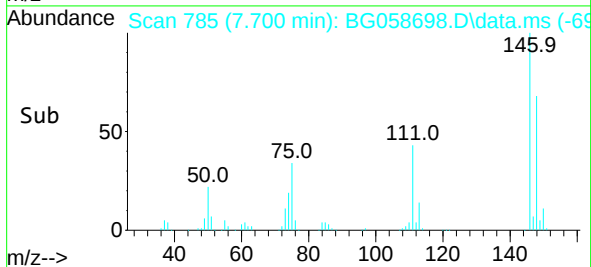
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/12/2023

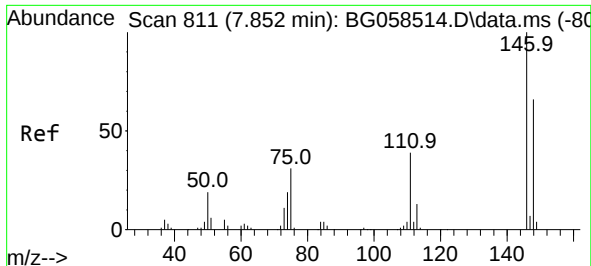


#12
1,3-Dichlorobenzene
Concen: 41.737 ng
RT: 7.700 min Scan# 785
Delta R.T. -0.006 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05



Tgt Ion:146 Resp: 132125
Ion Ratio Lower Upper
146 100
148 68.1 54.7 82.1
75 34.2 25.8 38.8





#13

1,4-Dichlorobenzene

Concen: 41.697 ng

RT: 7.847 min Scan# 811

Delta R.T. -0.006 min

Lab File: BG058698.D

Acq: 11 Aug 2023 11:05

Instrument :

BNA_G

ClientSampleId :

PB154756BS

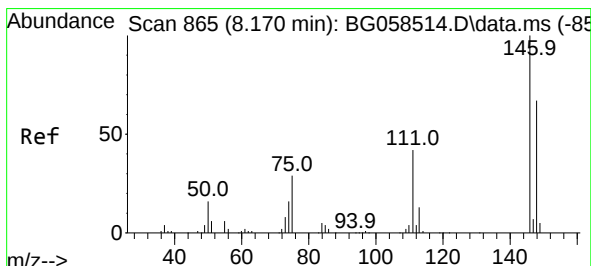
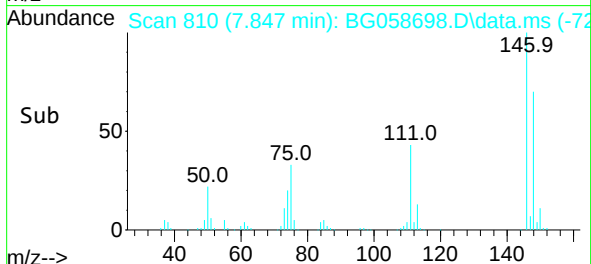
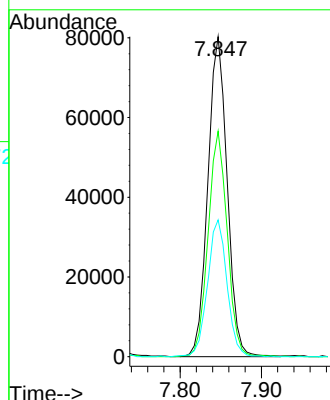
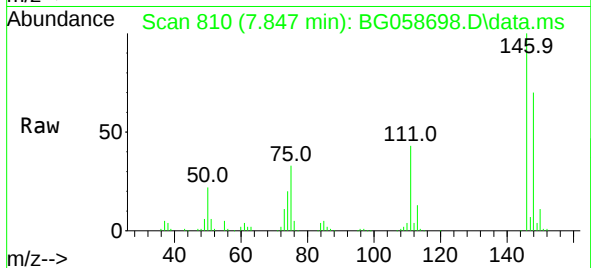
Tgt Ion:146 Resp: 132530
 Ion Ratio Lower Upper
 146 100
 148 70.5 52.8 79.2
 111 42.7 31.7 47.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/11/2023

Supervised By :mohammad ahmed 08/12/2023



#14

1,2-Dichlorobenzene

Concen: 43.130 ng

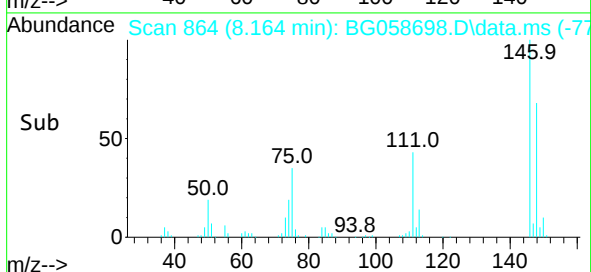
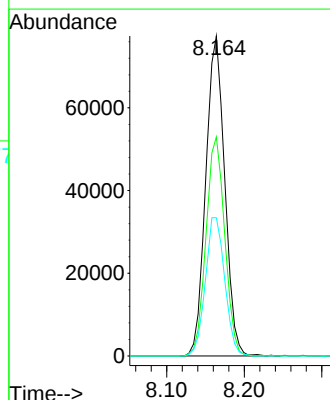
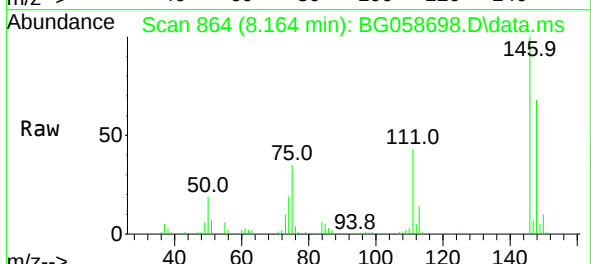
RT: 8.164 min Scan# 864

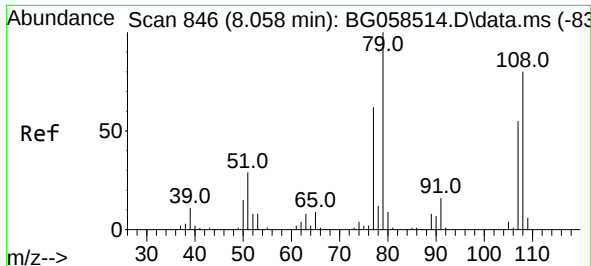
Delta R.T. -0.006 min

Lab File: BG058698.D

Acq: 11 Aug 2023 11:05

Tgt Ion:146 Resp: 131072
 Ion Ratio Lower Upper
 146 100
 148 68.5 53.4 80.2
 111 43.2 34.2 51.2





#15
Benzyl Alcohol
Concen: 50.808 ng
RT: 8.052 min Scan# 846
Delta R.T. -0.006 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

Instrument :

BNA_G

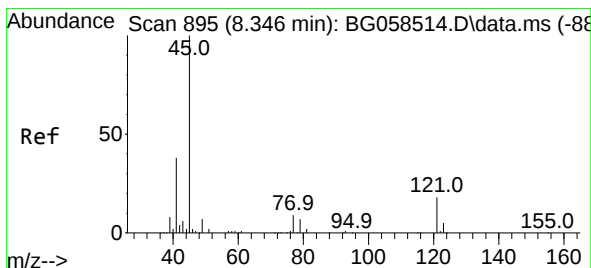
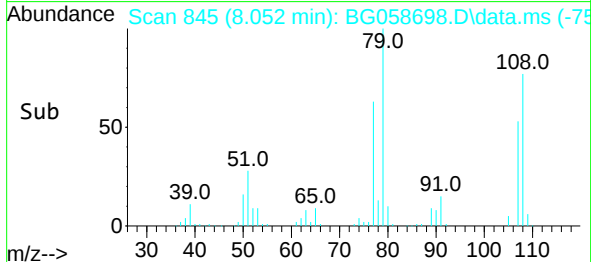
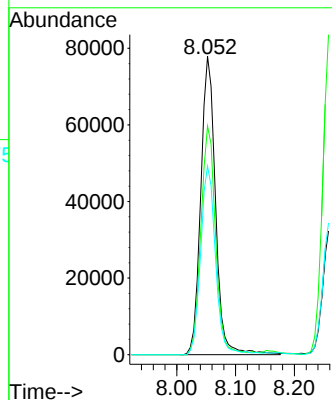
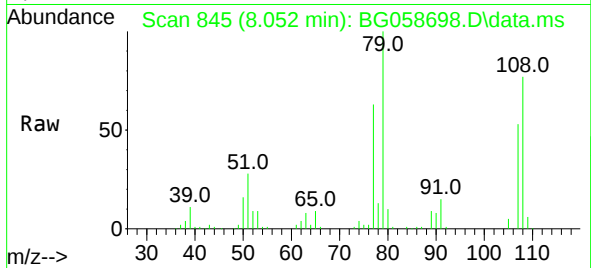
ClientSampleId :

PB154756BS

Tgt Ion: 79 Resp: 135490
Ion Ratio Lower Upper
79 100
108 76.6 63.8 95.6
77 63.2 49.8 74.6

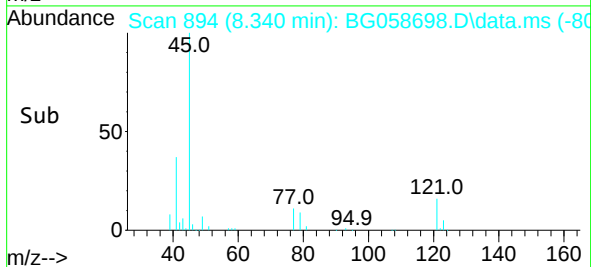
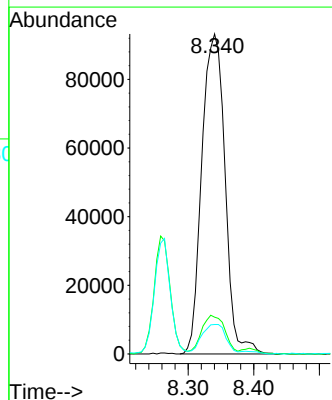
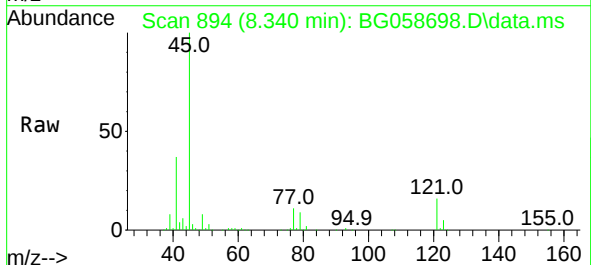
Manual Integrations
APPROVED

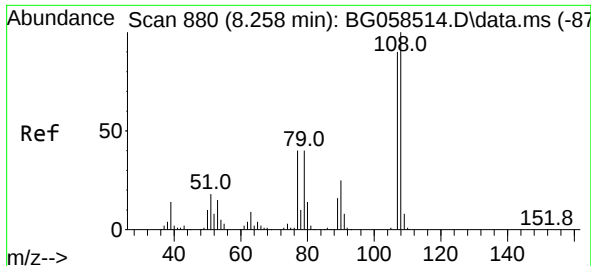
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/12/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.619 ng
RT: 8.340 min Scan# 894
Delta R.T. -0.006 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

Tgt Ion: 45 Resp: 229448
Ion Ratio Lower Upper
45 100
77 11.5 0.0 32.6
79 9.2 0.0 30.2





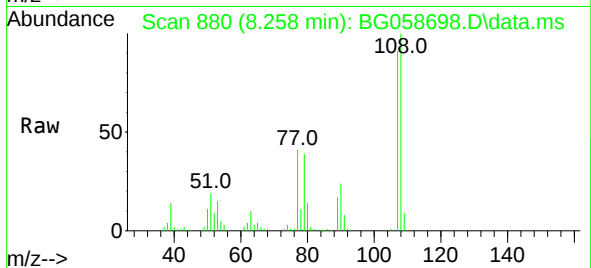
#17
2-Methylphenol
Concen: 43.633 ng
RT: 8.258 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

Instrument :

BNA_G

ClientSampleId :

PB154756BS

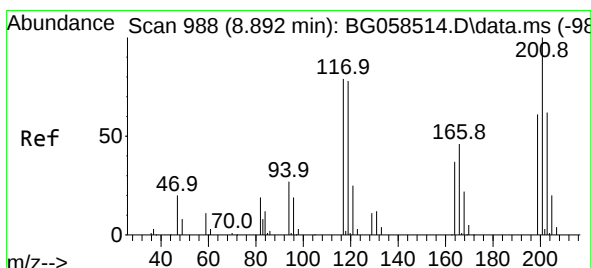
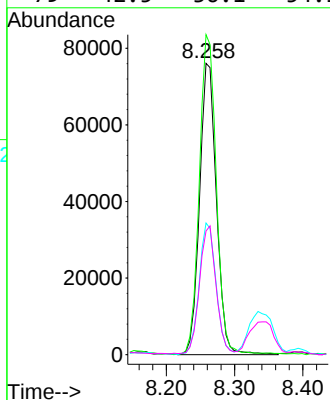
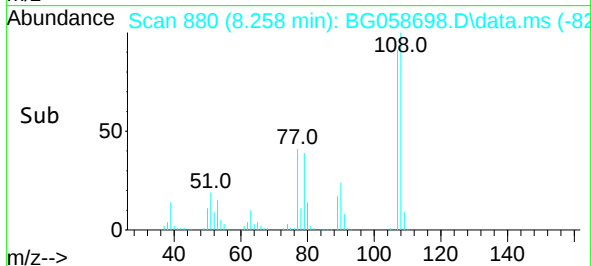


Tgt Ion:107 Resp: 131040
Ion Ratio Lower Upper
107 100
108 109.8 89.1 133.7
77 45.2 36.2 54.4
79 42.5 36.1 54.1

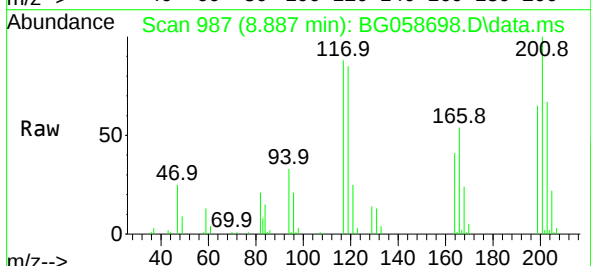
Manual Integrations

APPROVED

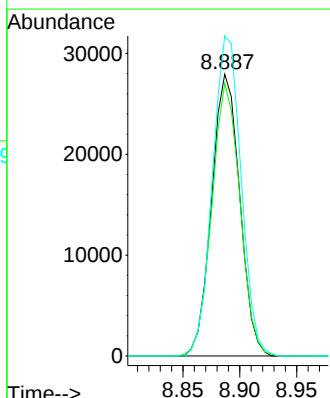
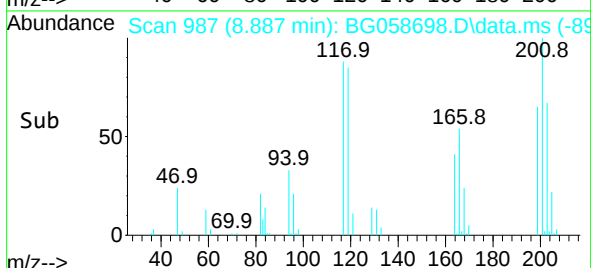
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/12/2023

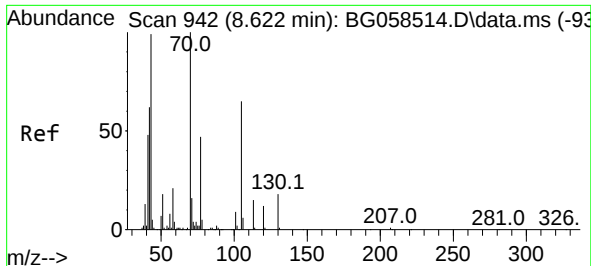


#18
Hexachloroethane
Concen: 41.569 ng
RT: 8.887 min Scan# 987
Delta R.T. -0.006 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05



Tgt Ion:117 Resp: 48026
Ion Ratio Lower Upper
117 100
119 96.7 78.6 117.8
201 113.6 101.4 152.0





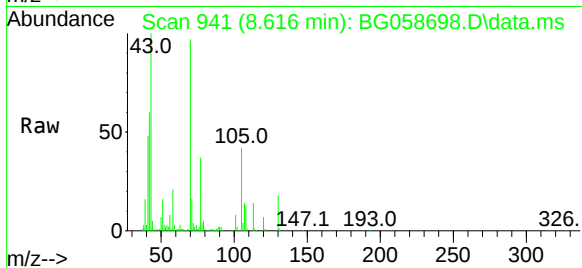
#19
n-Nitroso-di-n-propylamine
Concen: 40.788 ng
RT: 8.616 min Scan# 941
Delta R.T. -0.006 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

Instrument :

BNA_G

ClientSampleId :

PB154756BS

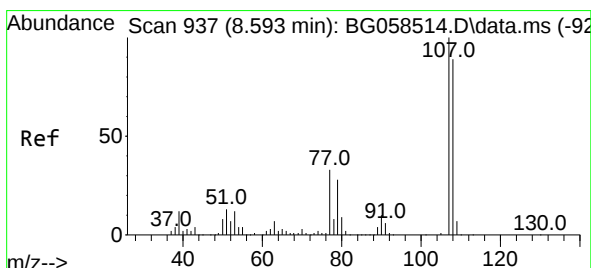
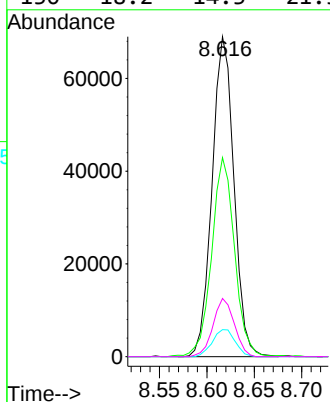
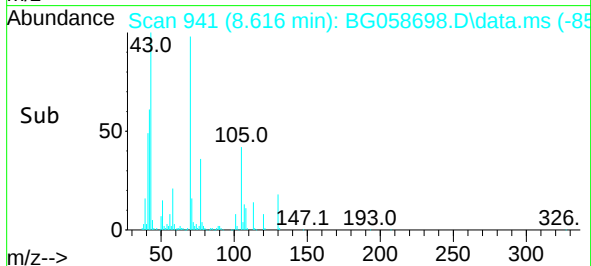


Tgt Ion: 70 Resp: 110785
Ion Ratio Lower Upper
70 100
42 62.2 49.7 74.5
101 8.5 7.0 10.4
130 18.2 14.3 21.5

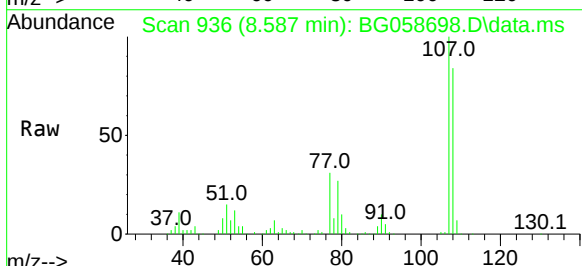
Manual Integrations

APPROVED

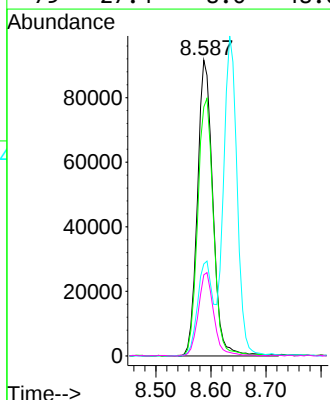
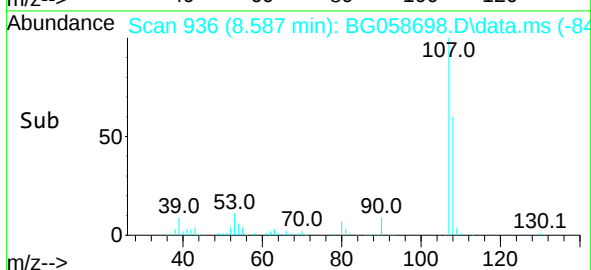
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/12/2023

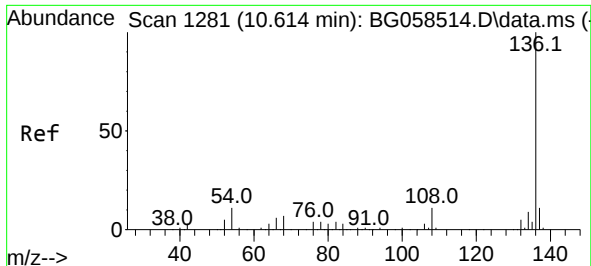


#20
3+4-Methylphenols
Concen: 43.911 ng
RT: 8.587 min Scan# 936
Delta R.T. -0.006 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05



Tgt Ion:107 Resp: 178390
Ion Ratio Lower Upper
107 100
108 84.2 69.4 109.4
77 31.1 13.0 53.0
79 27.4 8.0 48.0





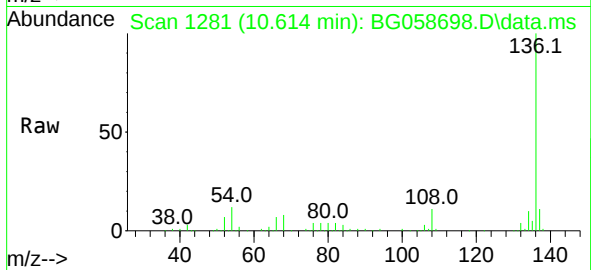
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.614 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

Instrument :

BNA_G

ClientSampleId :

PB154756BS

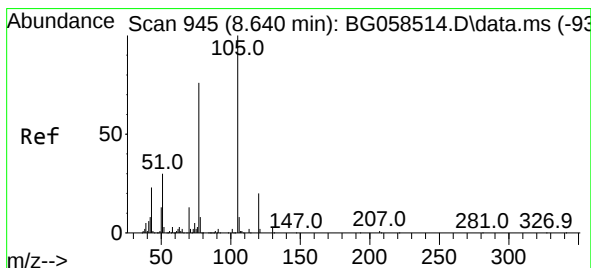
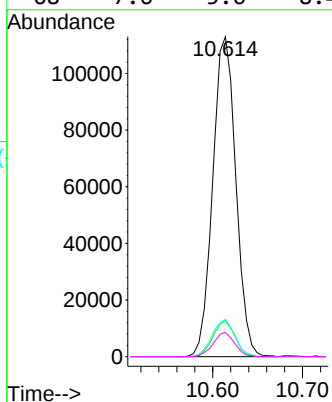
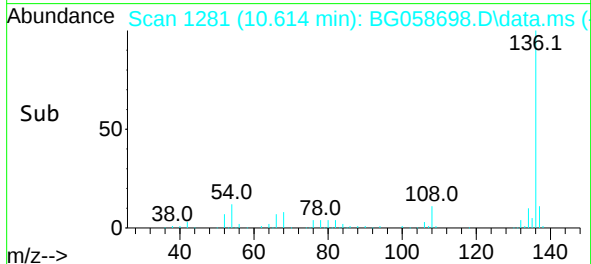


Tgt Ion:136 Resp: 201564
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 11.7 8.9 13.3
68 7.6 5.6 8.4

Manual Integrations

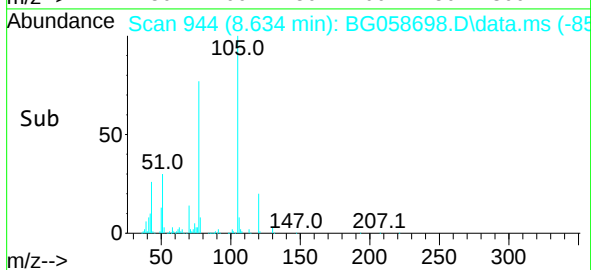
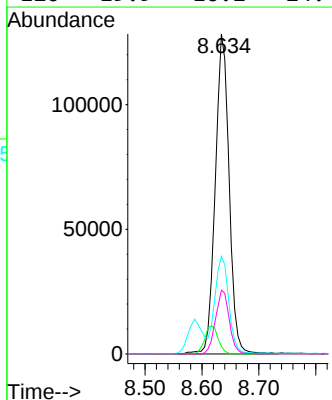
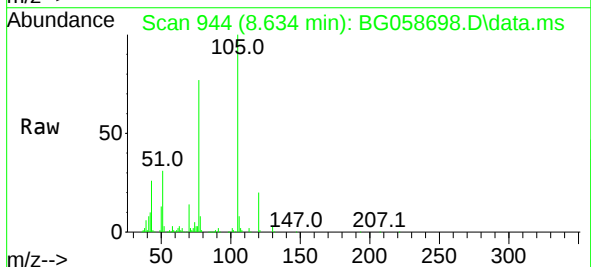
APPROVED

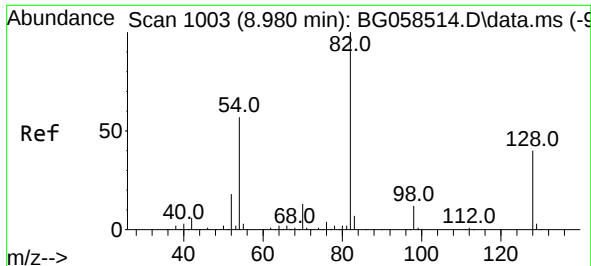
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/12/2023



#22
Acetophenone
Concen: 40.298 ng
RT: 8.634 min Scan# 944
Delta R.T. -0.006 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

Tgt Ion:105 Resp: 217492
Ion Ratio Lower Upper
105 100
71 2.4 1.8 2.6
51 30.5 24.2 36.2
120 19.9 16.2 24.4





#23
Nitrobenzene-d5
Concen: 73.515 ng
RT: 8.975 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

Instrument :

BNA_G

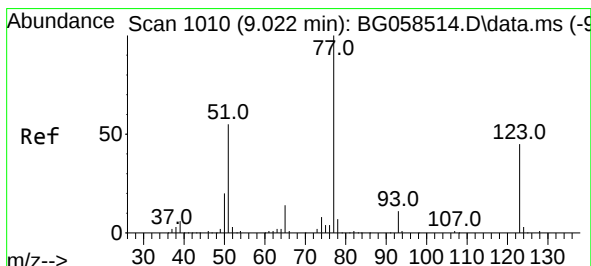
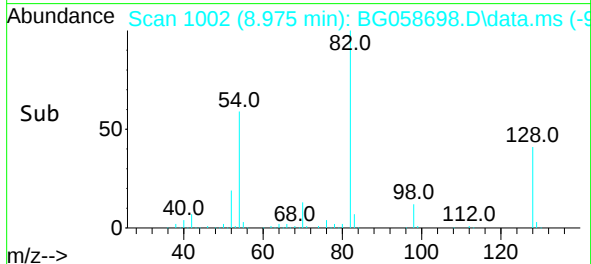
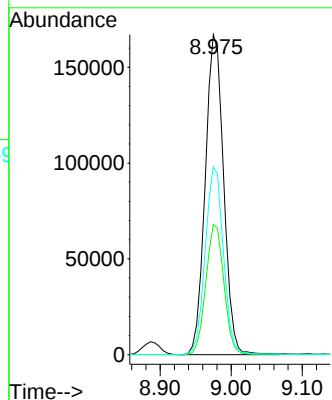
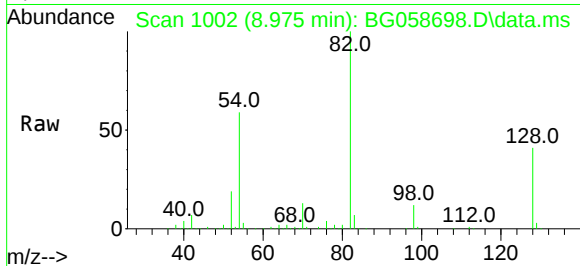
ClientSampleId :

PB154756BS

Tgt Ion: 82 Resp: 301638
Ion Ratio Lower Upper
82 100
128 40.8 32.2 48.2
54 58.7 46.0 69.0

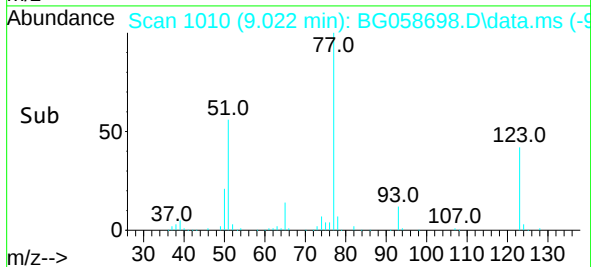
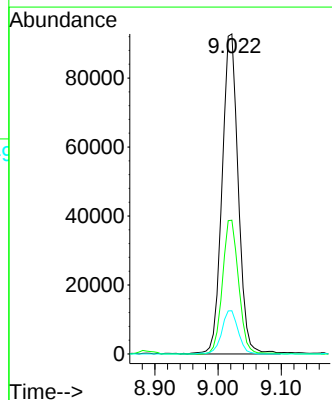
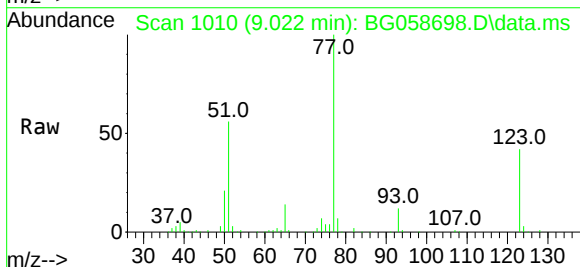
Manual Integrations
APPROVED

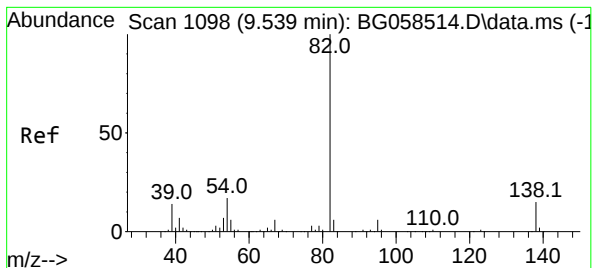
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/12/2023



#24
Nitrobenzene
Concen: 39.632 ng
RT: 9.022 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

Tgt Ion: 77 Resp: 165315
Ion Ratio Lower Upper
77 100
123 41.8 35.6 53.4
65 13.5 11.4 17.0





#25

Isophorone

Concen: 38.280 ng

RT: 9.539 min Scan# 1100

Delta R.T. 0.000 min

Lab File: BG058698.D

Acq: 11 Aug 2023 11:05

Instrument :

BNA_G

ClientSampleId :

PB154756BS

Tgt Ion: 82 Resp: 32452

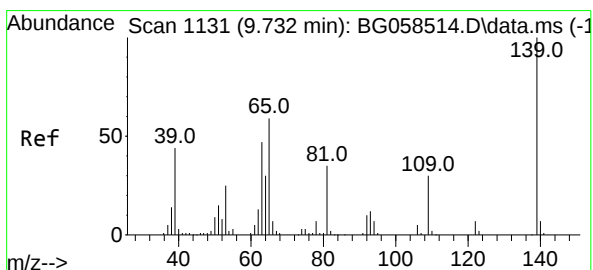
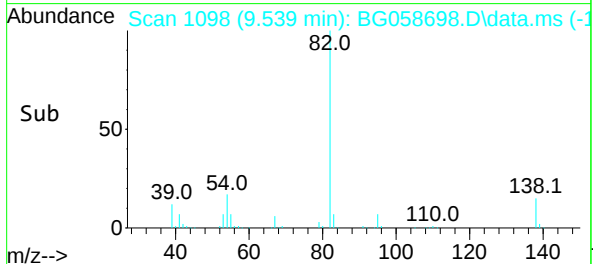
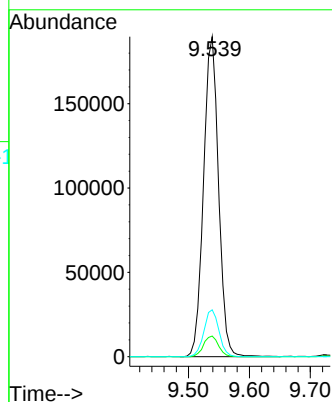
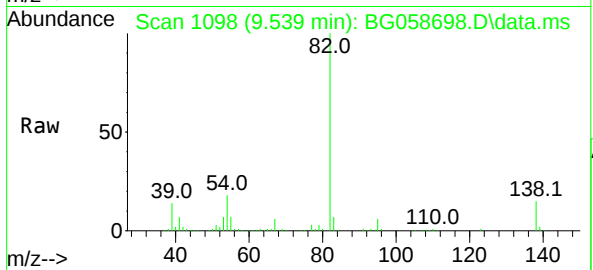
Ion	Ratio	Lower	Upper
82	100		
95	6.5	5.1	7.7
138	14.7	11.9	17.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/11/2023

Supervised By :mohammad ahmed 08/12/2023



#26

2-Nitrophenol

Concen: 40.964 ng

RT: 9.727 min Scan# 1130

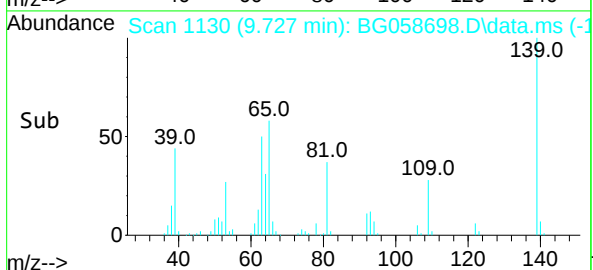
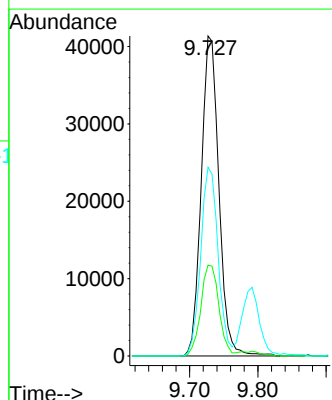
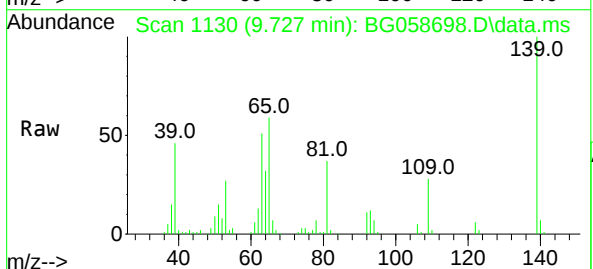
Delta R.T. -0.006 min

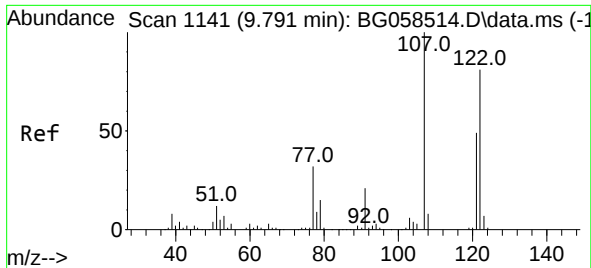
Lab File: BG058698.D

Acq: 11 Aug 2023 11:05

Tgt Ion:139 Resp: 74381

Ion	Ratio	Lower	Upper
139	100		
109	28.4	24.2	36.2
65	58.9	47.0	70.4





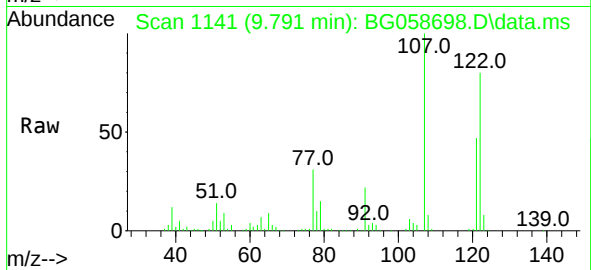
#27
2,4-Dimethylphenol
Concen: 41.138 ng
RT: 9.791 min Scan# 1141
Delta R.T. 0.000 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

Instrument :

BNA_G

ClientSampleId :

PB154756BS



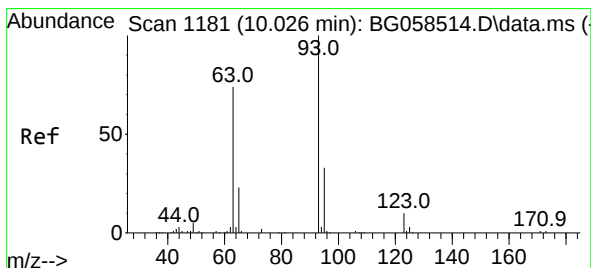
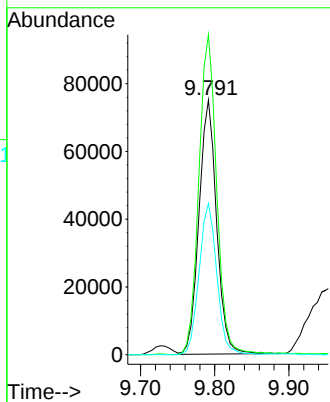
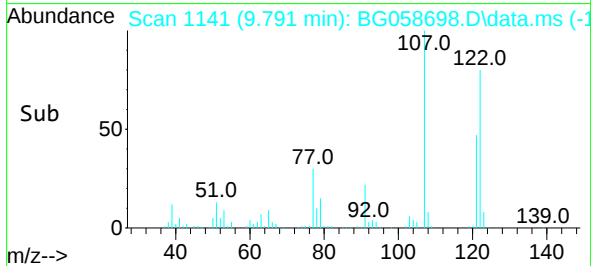
Tgt Ion:122 Resp: 12390
Ion Ratio Lower Upper
122 100
107 125.6 98.0 147.0
121 59.3 47.8 71.6

Manual Integrations

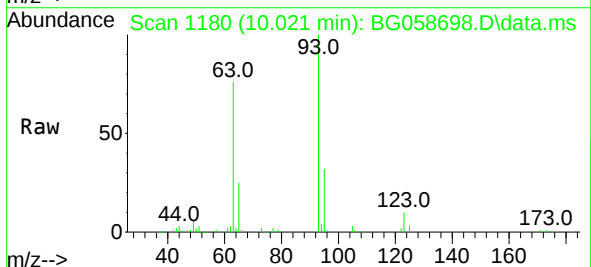
APPROVED

Reviewed By :Yogesh Patel 08/11/2023

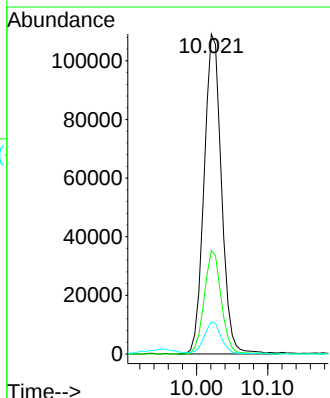
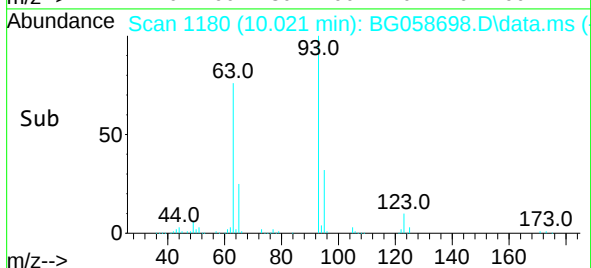
Supervised By :mohammad ahmed 08/12/2023

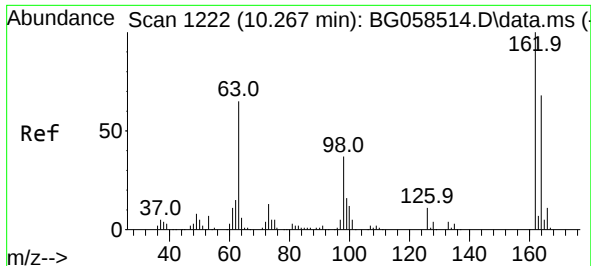


#28
bis(2-Chloroethoxy)methane
Concen: 40.220 ng
RT: 10.021 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05



Tgt Ion: 93 Resp: 185557
Ion Ratio Lower Upper
93 100
95 32.3 26.0 39.0
123 10.0 7.8 11.8





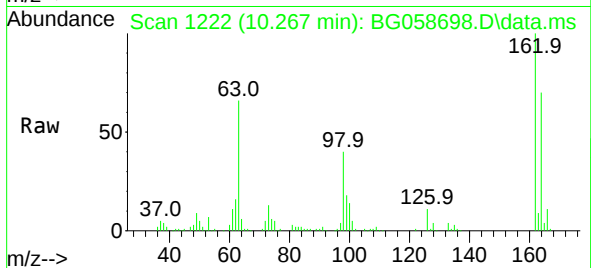
#29
2,4-Dichlorophenol
Concen: 43.302 ng
RT: 10.267 min Scan# 1222
Delta R.T. 0.000 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

Instrument :

BNA_G

ClientSampleId :

PB154756BS

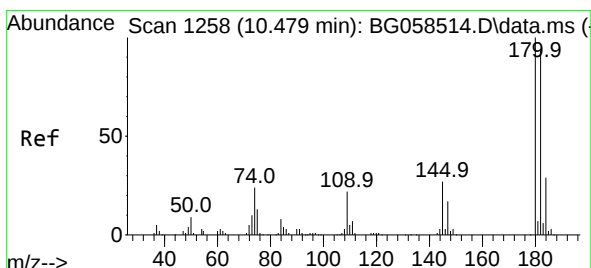
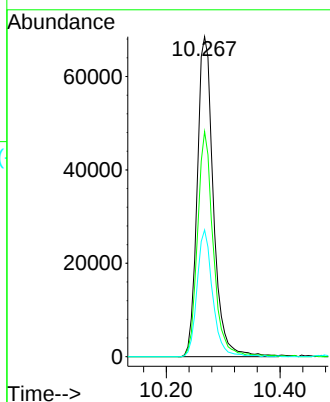
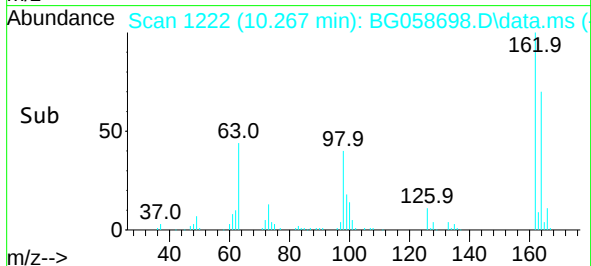


Tgt Ion:162 Resp: 135414
Ion Ratio Lower Upper
162 100
164 70.3 47.6 87.6
98 39.6 17.1 57.1

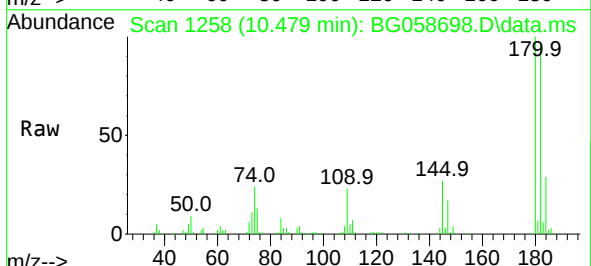
Manual Integrations

APPROVED

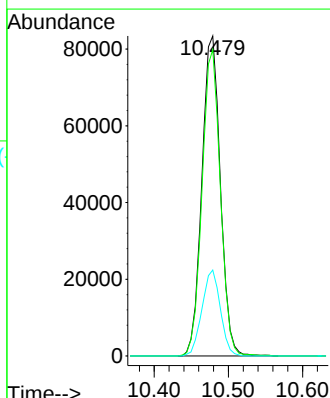
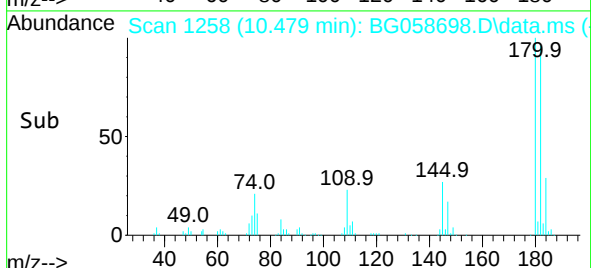
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/12/2023

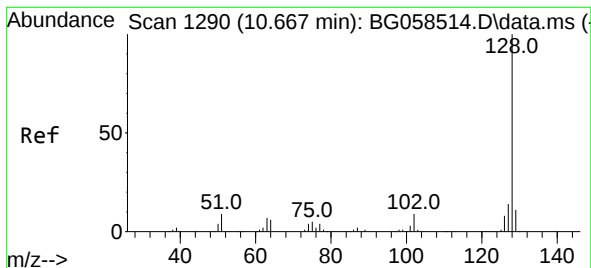


#30
1,2,4-Trichlorobenzene
Concen: 40.103 ng
RT: 10.479 min Scan# 1258
Delta R.T. 0.000 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05



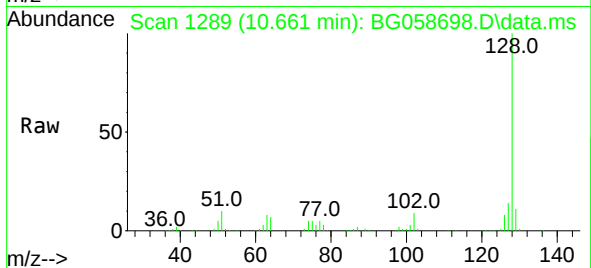
Tgt Ion:180 Resp: 144629
Ion Ratio Lower Upper
180 100
182 95.7 75.0 112.4
145 26.9 21.9 32.9





#31
Naphthalene
Concen: 38.911 ng
RT: 10.661 min Scan# 1170
Delta R.T. -0.006 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

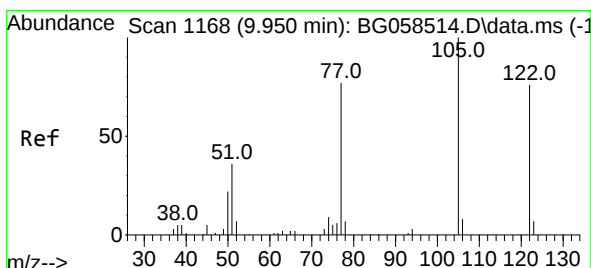
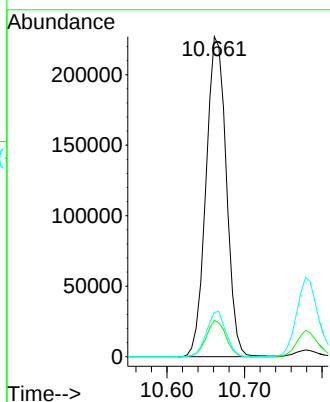
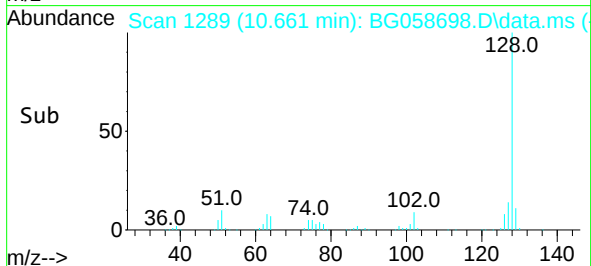
Instrument :
BNA_G
ClientSampleId :
PB154756BS



Tgt Ion:128 Resp: 413370
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.8 10.9 16.3

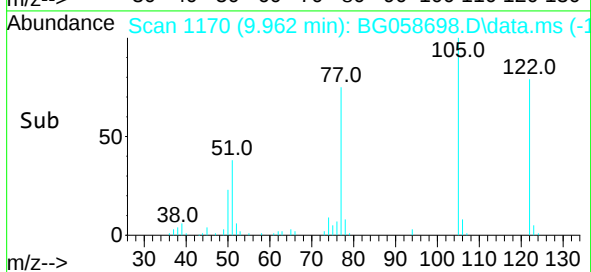
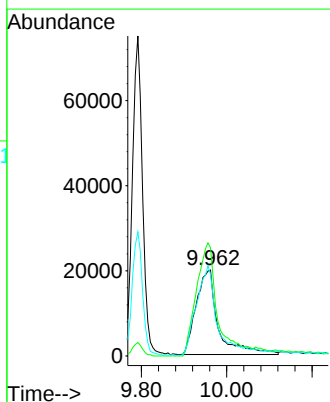
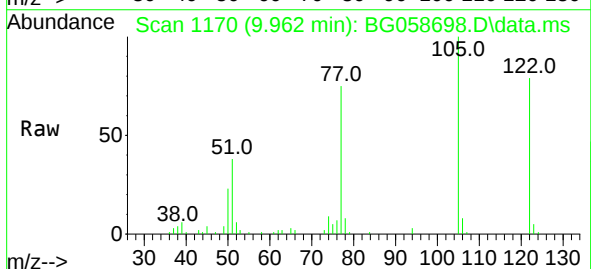
Manual Integrations
APPROVED

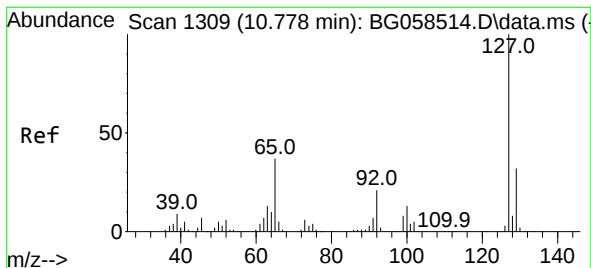
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/12/2023



#32
Benzoic acid
Concen: 32.750 ng
RT: 9.962 min Scan# 1170
Delta R.T. 0.012 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

Tgt Ion:122 Resp: 71619
Ion Ratio Lower Upper
122 100
105 126.0 106.5 146.5
77 95.0 78.1 118.1





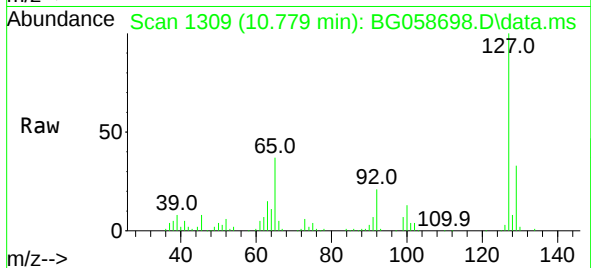
#33
4-Chloroaniline
Concen: 25.305 ng
RT: 10.779 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

Instrument :

BNA_G

ClientSampleId :

PB154756BS

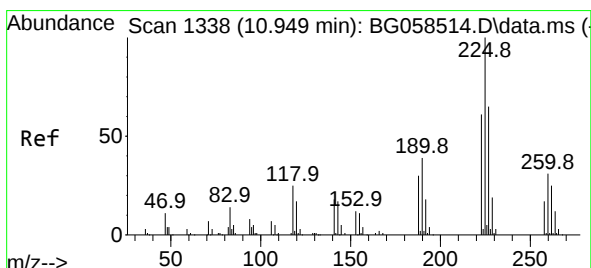
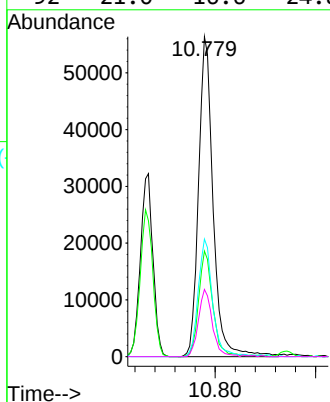
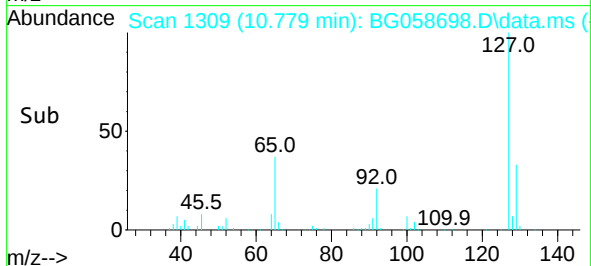


Tgt Ion:127 Resp: 113580
Ion Ratio Lower Upper
127 100
129 33.0 25.4 38.2
65 36.8 29.5 44.3
92 21.0 16.6 24.8

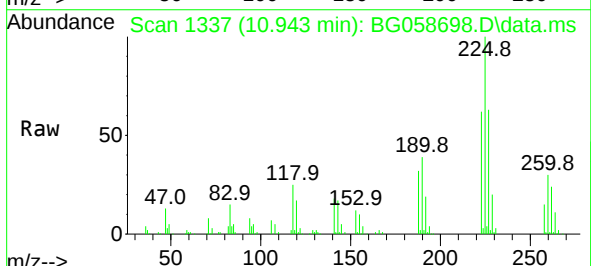
Manual Integrations

APPROVED

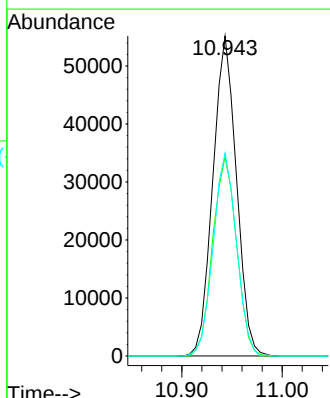
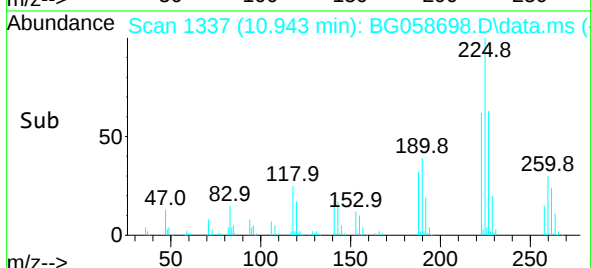
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/12/2023

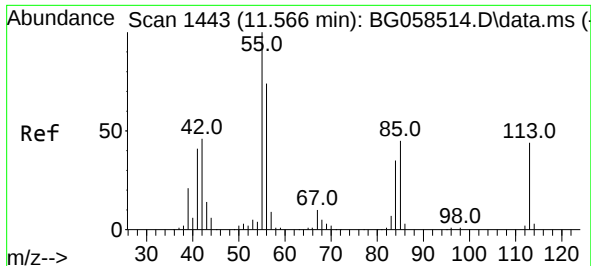


#34
Hexachlorobutadiene
Concen: 38.673 ng
RT: 10.943 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05



Tgt Ion:225 Resp: 89819
Ion Ratio Lower Upper
225 100
223 62.2 49.0 73.6
227 63.4 51.7 77.5





#35
Caprolactam
Concen: 41.835 ng m
RT: 11.554 min Scan# 14
Delta R.T. -0.011 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

Instrument :

BNA_G

ClientSampleId :

PB154756BS

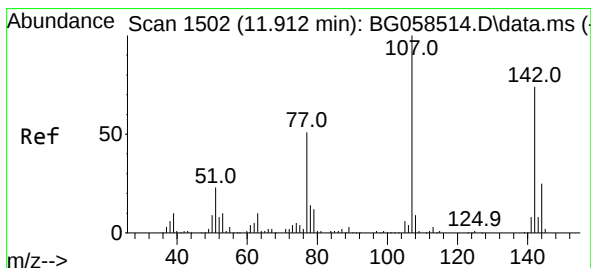
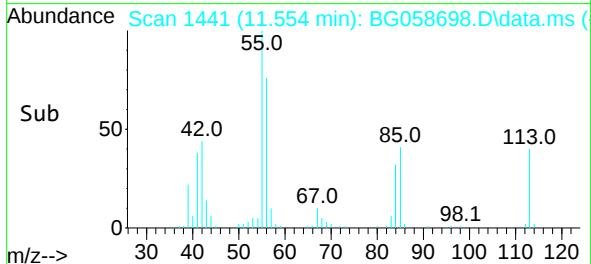
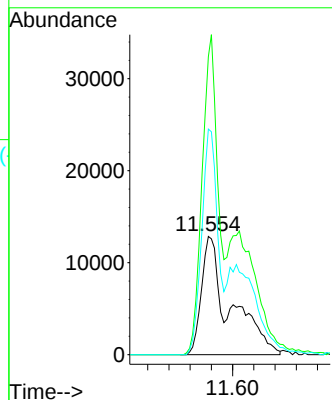
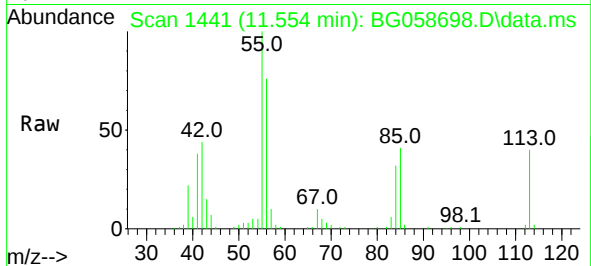
Tgt Ion:113 Resp: 4831
Ion Ratio Lower Upper
113 100
55 251.9 208.0 248.0
56 190.8 148.6 188.6

Manual Integrations

APPROVED

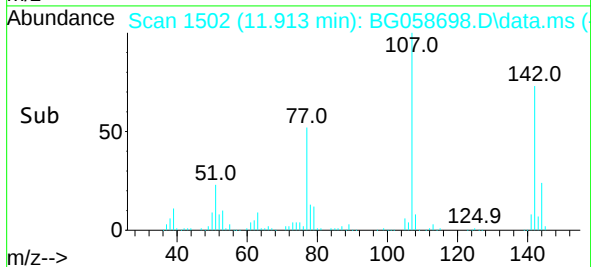
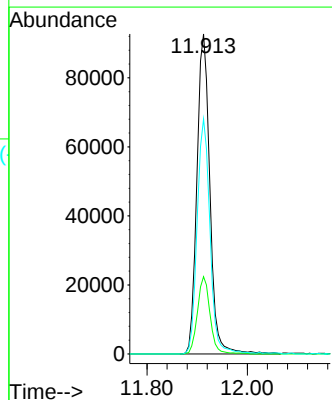
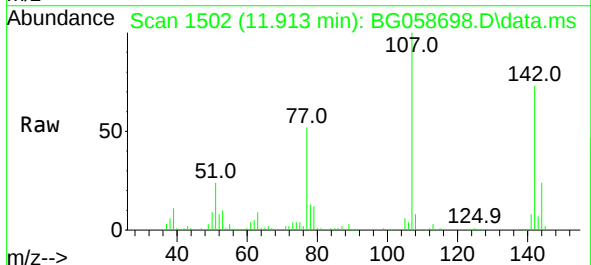
Reviewed By :Yogesh Patel 08/11/2023

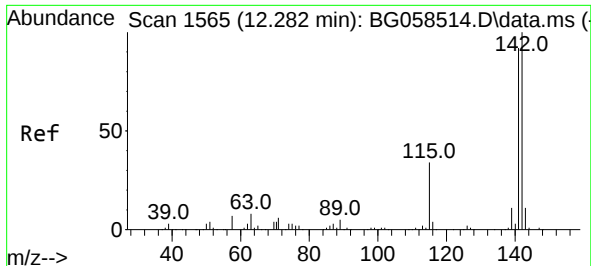
Supervised By :mohammad ahmed 08/12/2023



#36
4-Chloro-3-methylphenol
Concen: 42.995 ng
RT: 11.913 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

Tgt Ion:107 Resp: 166322
Ion Ratio Lower Upper
107 100
144 24.1 19.6 29.4
142 73.5 59.3 88.9





#37
2-Methylnaphthalene
Concen: 37.771 ng
RT: 12.277 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

Instrument :

BNA_G

ClientSampleId :

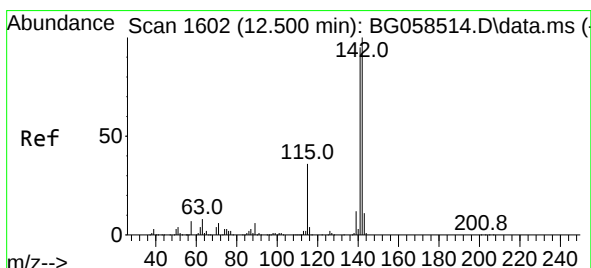
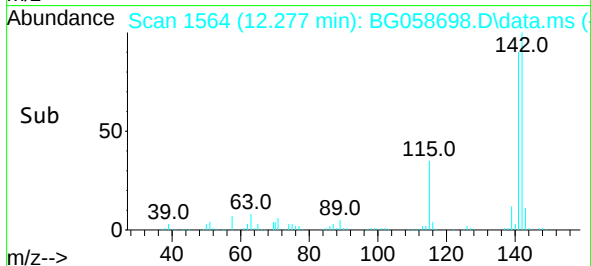
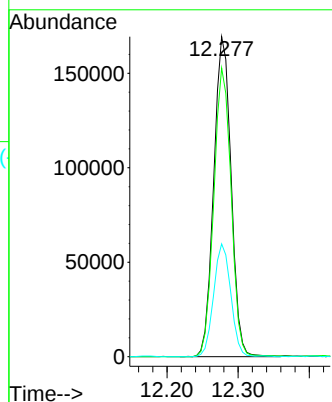
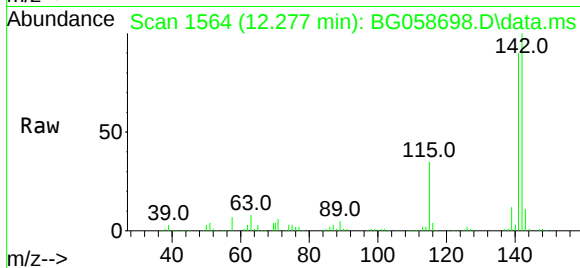
PB154756BS

Tgt Ion:142 Resp: 287030
Ion Ratio Lower Upper
142 100
141 90.2 73.5 110.3
115 35.3 27.4 41.0

Manual Integrations

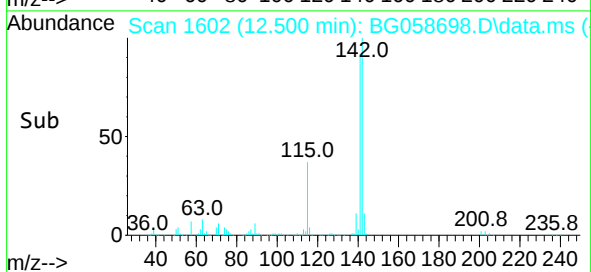
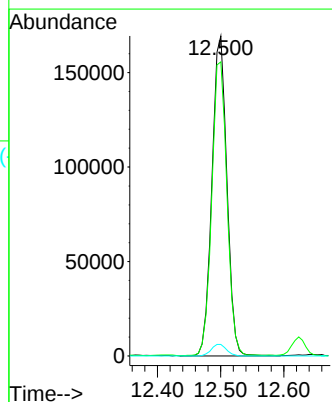
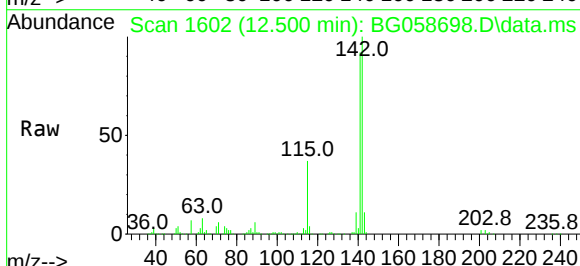
APPROVED

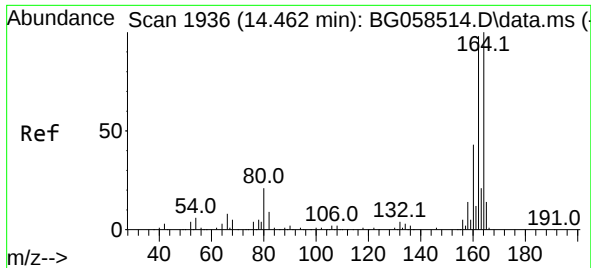
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/12/2023



#38
1-Methylnaphthalene
Concen: 38.498 ng
RT: 12.500 min Scan# 1602
Delta R.T. 0.000 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

Tgt Ion:142 Resp: 278094
Ion Ratio Lower Upper
142 100
141 91.9 75.7 113.5
116 3.6 3.2 4.8





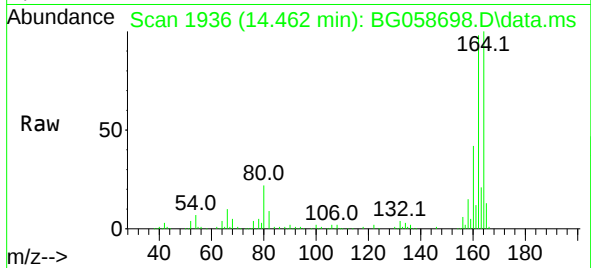
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.462 min Scan# 1936
Delta R.T. 0.000 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

Instrument :

BNA_G

ClientSampleId :

PB154756BS

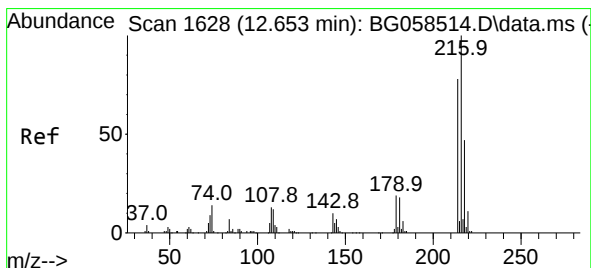
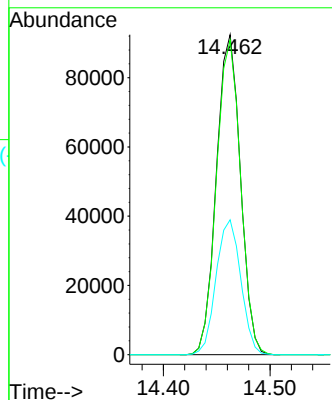
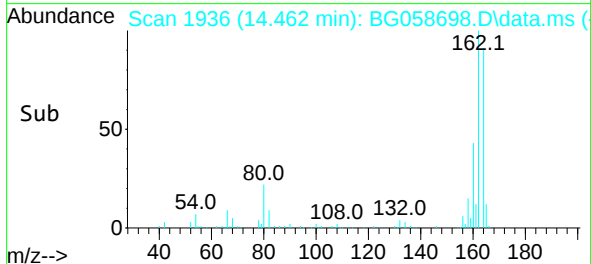


Tgt Ion:164 Resp: 144462
Ion Ratio Lower Upper
164 100
162 98.3 78.3 117.5
160 42.1 34.1 51.1

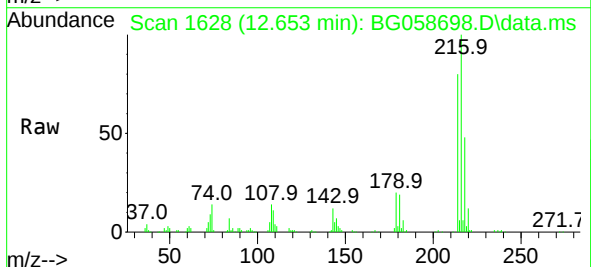
Manual Integrations

APPROVED

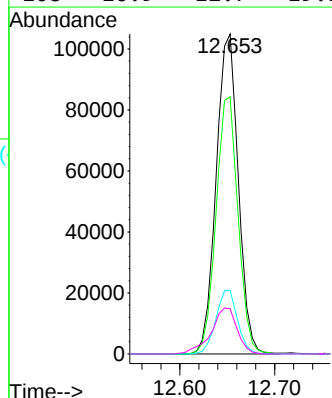
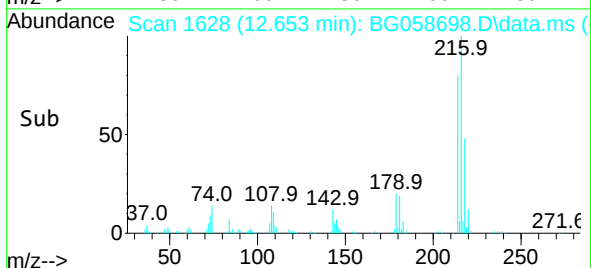
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/12/2023

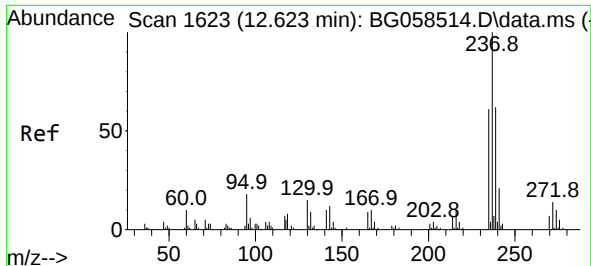


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.356 ng
RT: 12.653 min Scan# 1628
Delta R.T. 0.000 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05



Tgt Ion:216 Resp: 170113
Ion Ratio Lower Upper
216 100
214 79.9 63.1 94.7
179 19.5 15.6 23.4
108 16.9 12.7 19.1





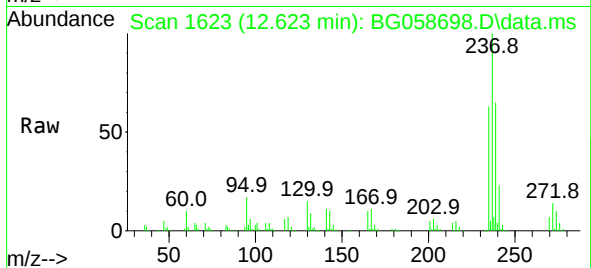
#41
Hexachlorocyclopentadiene
Concen: 69.216 ng
RT: 12.623 min Scan# 10
Delta R.T. 0.000 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

Instrument :

BNA_G

ClientSampleId :

PB154756BS

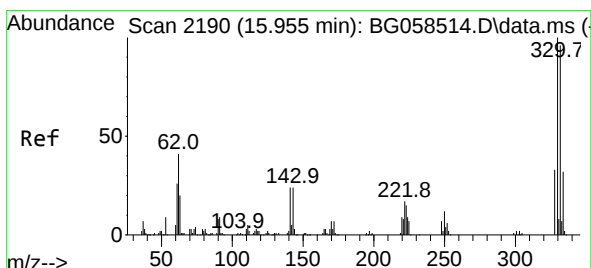
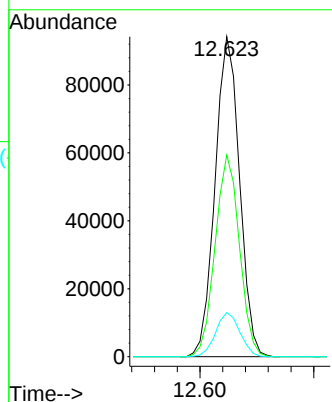
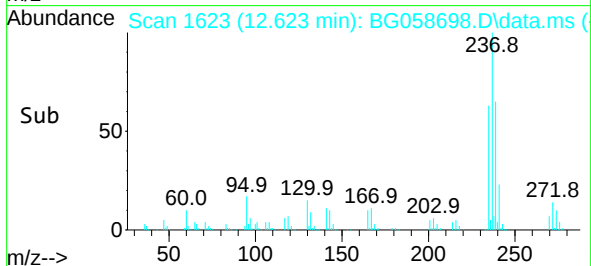


Tgt Ion:237 Resp: 140510
Ion Ratio Lower Upper
237 100
235 63.1 41.0 81.0
272 13.8 0.0 33.6

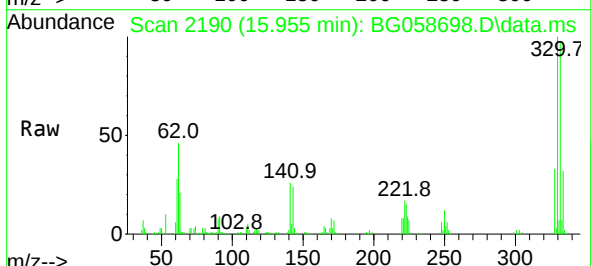
Manual Integrations

APPROVED

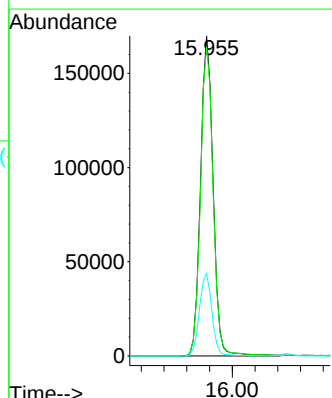
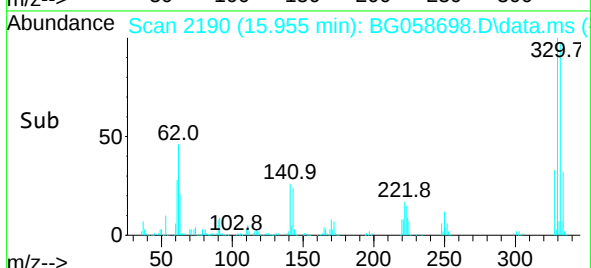
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/12/2023

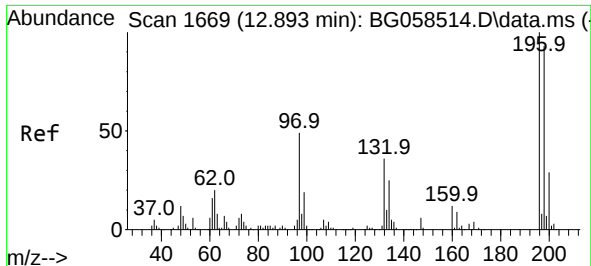


#42
2,4,6-Tribromophenol
Concen: 110.193 ng
RT: 15.955 min Scan# 2190
Delta R.T. 0.000 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05



Tgt Ion:330 Resp: 260920
Ion Ratio Lower Upper
330 100
332 97.7 77.5 116.3
141 25.9 20.7 31.1





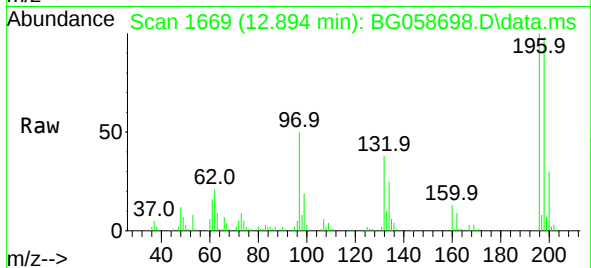
#43
2,4,6-Trichlorophenol
Concen: 40.093 ng
RT: 12.894 min Scan# 1669
Delta R.T. 0.000 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

Instrument :

BNA_G

ClientSampleId :

PB154756BS

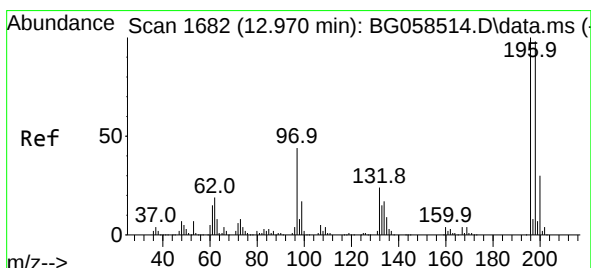
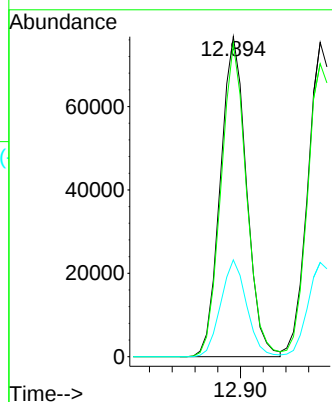


Tgt Ion:196 Resp: 122304
Ion Ratio Lower Upper
196 100
198 97.8 74.2 111.4
200 30.3 22.9 34.3

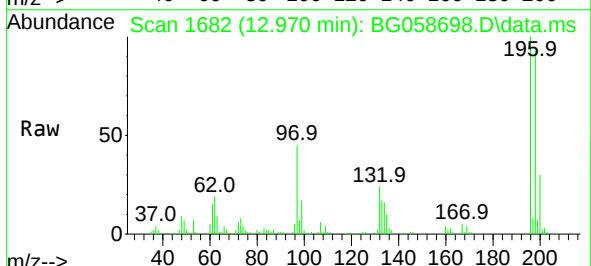
Manual Integrations

APPROVED

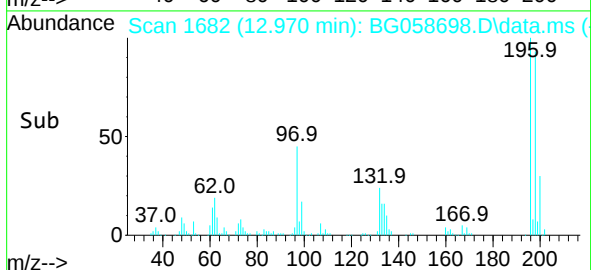
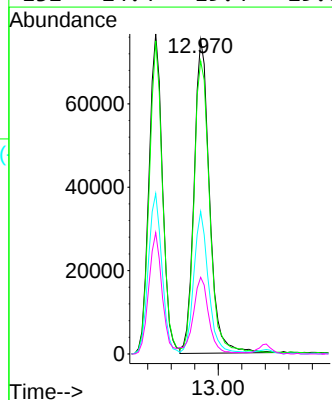
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/12/2023

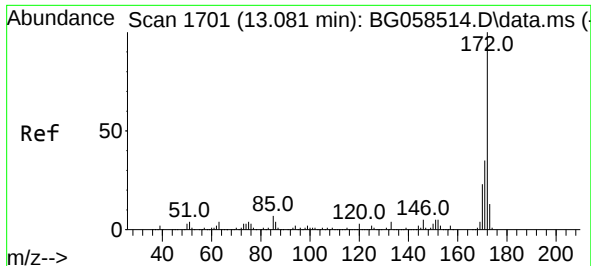


#44
2,4,5-Trichlorophenol
Concen: 38.141 ng
RT: 12.970 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05



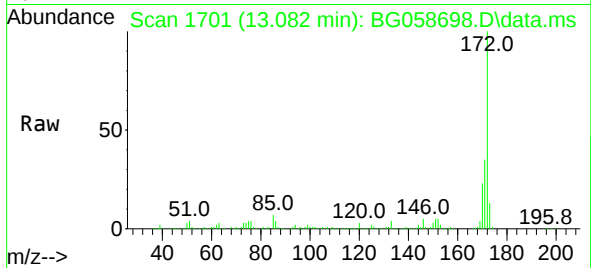
Tgt Ion:196 Resp: 137043
Ion Ratio Lower Upper
196 100
198 93.2 78.3 117.5
97 45.3 35.2 52.8
132 24.4 19.4 29.0





#45
2-Fluorobiphenyl
Concen: 71.303 ng
RT: 13.082 min Scan# 1701
Delta R.T. 0.000 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

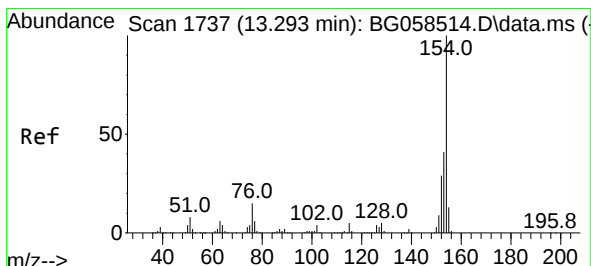
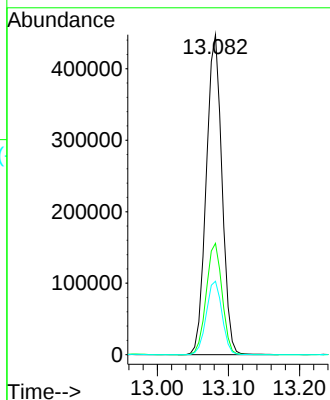
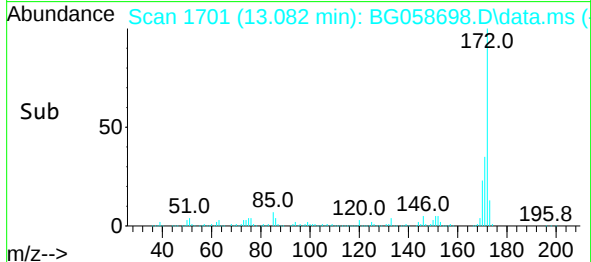
Instrument :
BNA_G
ClientSampleId :
PB154756BS



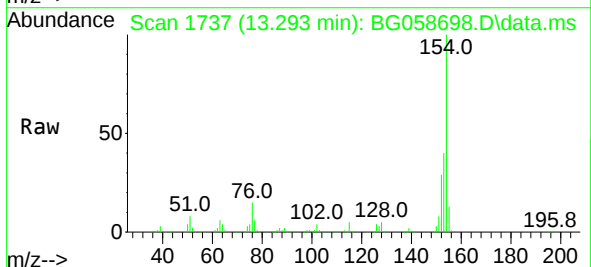
Tgt Ion:172 Resp: 68734
Ion Ratio Lower Upper
172 100
171 34.8 28.0 42.0
170 22.9 18.4 27.6

Manual Integrations
APPROVED

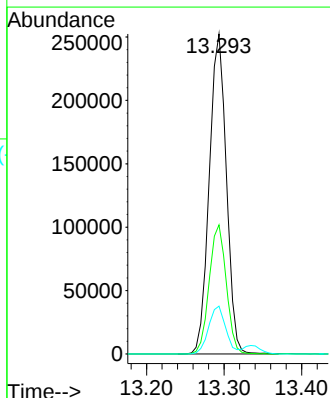
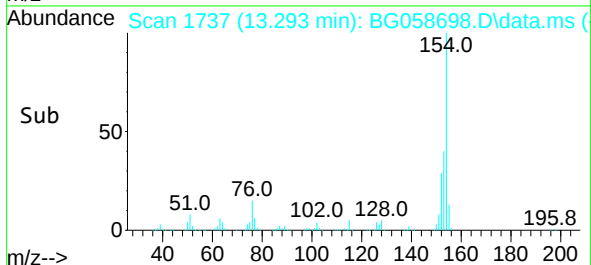
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/12/2023

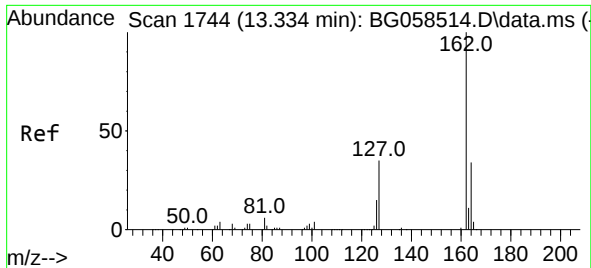


#46
1,1'-Biphenyl
Concen: 39.009 ng
RT: 13.293 min Scan# 1737
Delta R.T. 0.000 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05



Tgt Ion:154 Resp: 387010
Ion Ratio Lower Upper
154 100
153 40.3 21.2 61.2
76 15.0 0.0 34.7





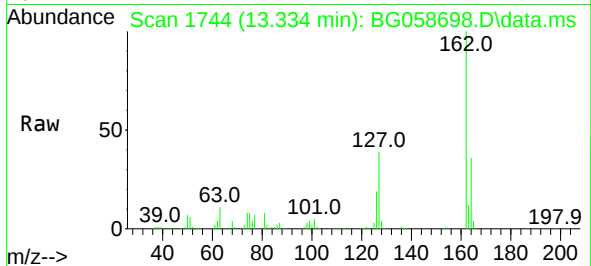
#47
2-Chloronaphthalene
Concen: 39.567 ng
RT: 13.334 min Scan# 1744
Delta R.T. 0.000 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

Instrument :

BNA_G

ClientSampleId :

PB154756BS

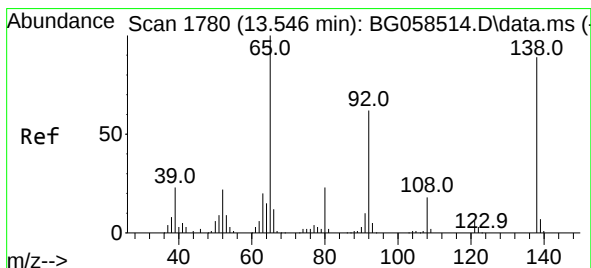
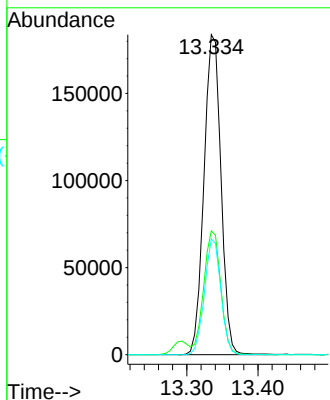
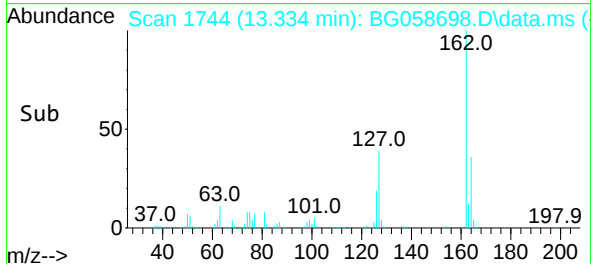


Tgt Ion:162 Resp: 306070
Ion Ratio Lower Upper
162 100
127 38.7 30.9 46.3
164 36.2 27.2 40.8

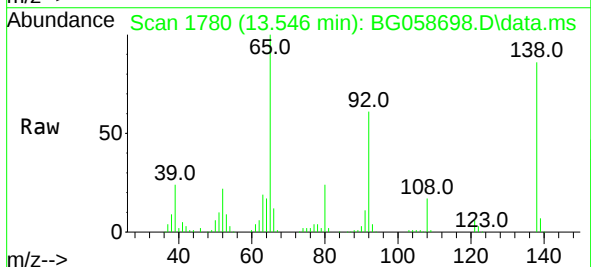
Manual Integrations

APPROVED

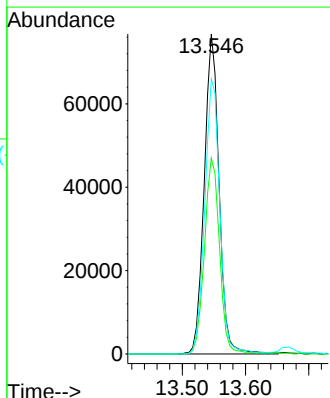
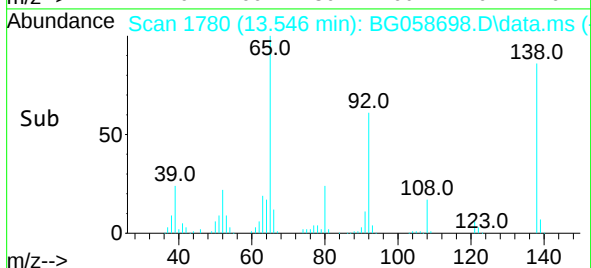
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/12/2023

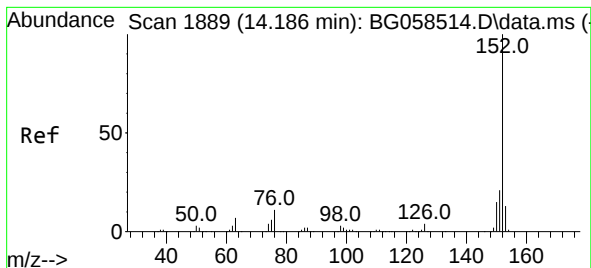


#48
2-Nitroaniline
Concen: 42.383 ng
RT: 13.546 min Scan# 1780
Delta R.T. 0.000 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05



Tgt Ion: 65 Resp: 125137
Ion Ratio Lower Upper
65 100
92 61.2 49.2 73.8
138 86.0 71.5 107.3





#49

Acenaphthylene

Concen: 40.145 ng

RT: 14.186 min Scan# 1889

Delta R.T. 0.000 min

Lab File: BG058698.D

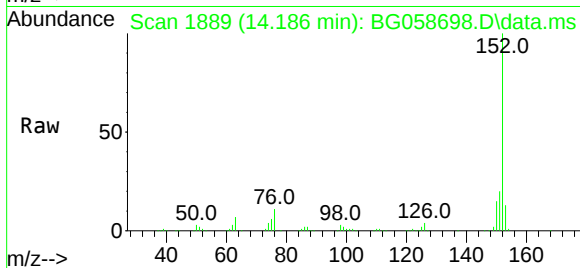
Acq: 11 Aug 2023 11:05

Instrument :

BNA_G

ClientSampleId :

PB154756BS

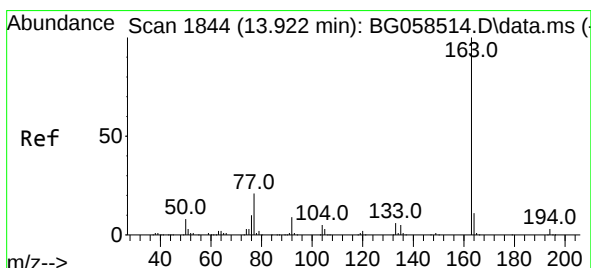
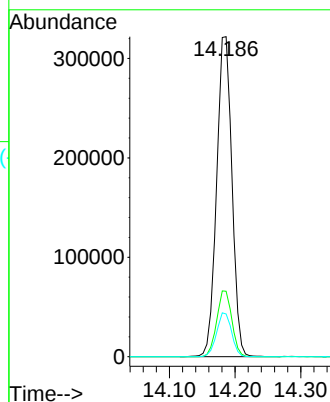
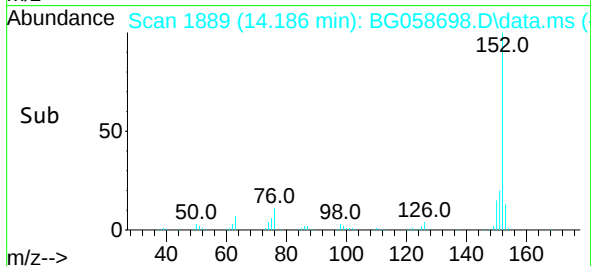


Tgt Ion:	152	Resp:	51991
Ion Ratio	100	Lower	Upper
152	100		
151	20.4	16.5	24.7
153	13.4	10.7	16.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/12/2023



#50

Dimethylphthalate

Concen: 40.080 ng

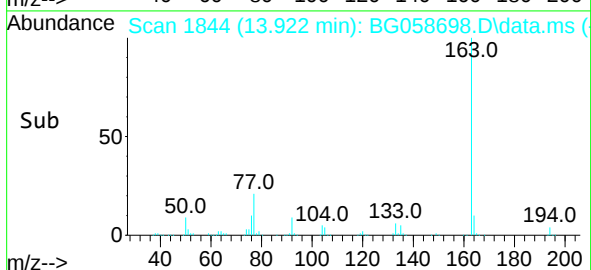
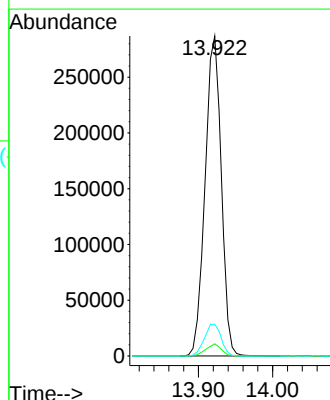
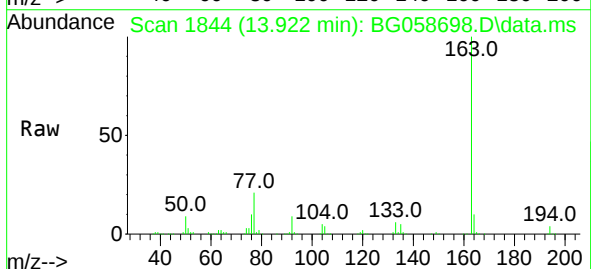
RT: 13.922 min Scan# 1844

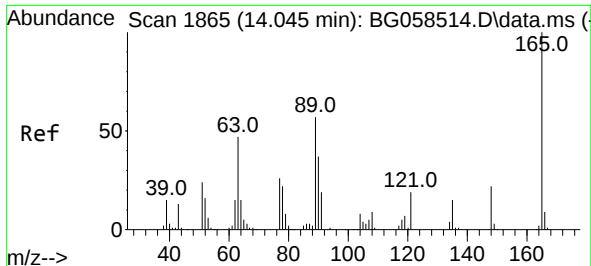
Delta R.T. 0.000 min

Lab File: BG058698.D

Acq: 11 Aug 2023 11:05

Tgt Ion:	163	Resp:	434841
Ion Ratio	100	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	9.9	8.6	12.8





#51
2,6-Dinitrotoluene
Concen: 41.482 ng
RT: 14.045 min Scan# 1865
Delta R.T. 0.000 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

Instrument :

BNA_G

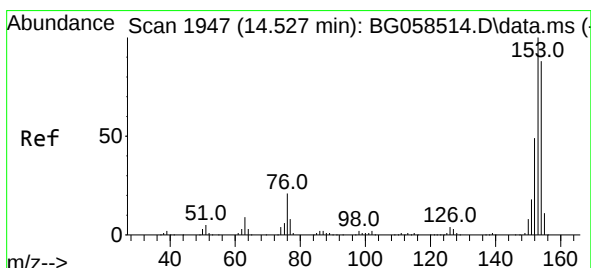
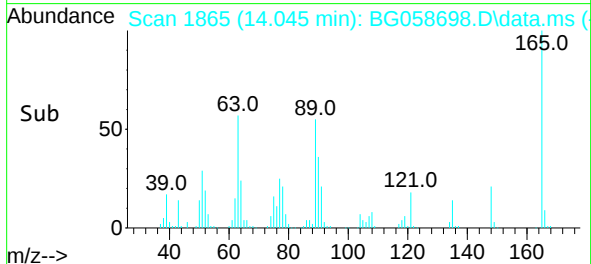
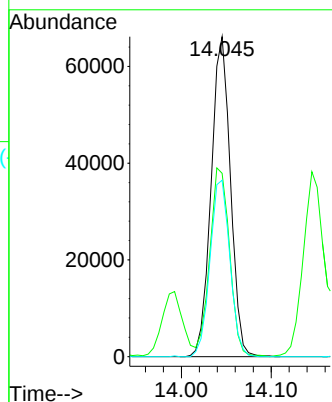
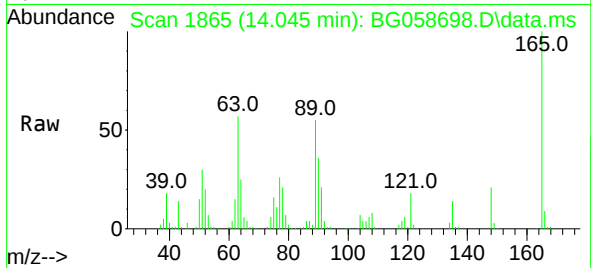
ClientSampleId :

PB154756BS

Tgt Ion:165 Resp: 9875
Ion Ratio Lower Upper
165 100
63 57.3 46.4 69.6
89 55.1 45.3 67.9

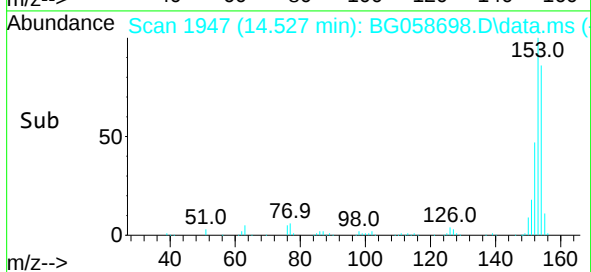
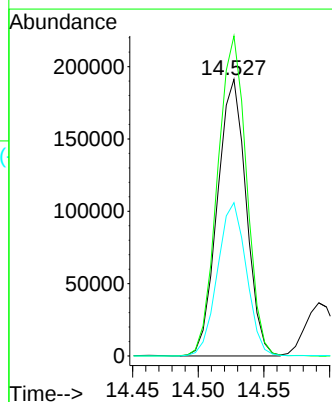
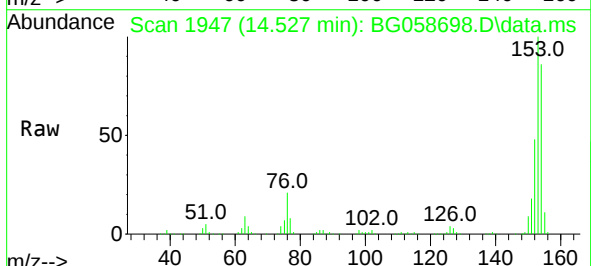
Manual Integrations
APPROVED

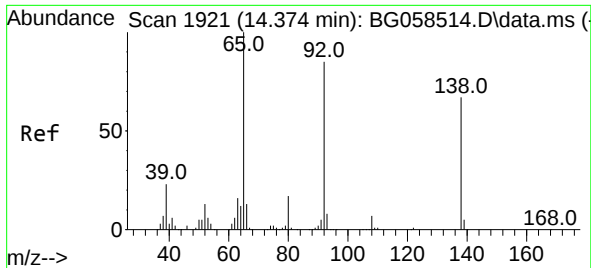
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/12/2023



#52
Acenaphthene
Concen: 38.958 ng
RT: 14.527 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

Tgt Ion:154 Resp: 291532
Ion Ratio Lower Upper
154 100
153 115.7 91.1 136.7
152 55.4 44.6 66.8





#53
3-Nitroaniline
Concen: 30.243 ng
RT: 14.374 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

Instrument :

BNA_G

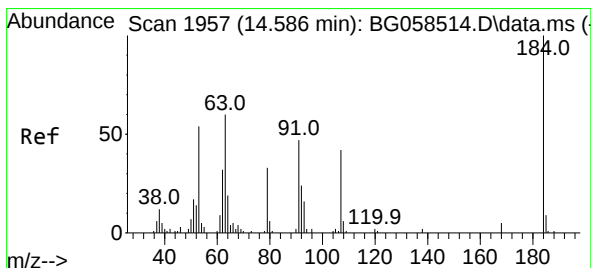
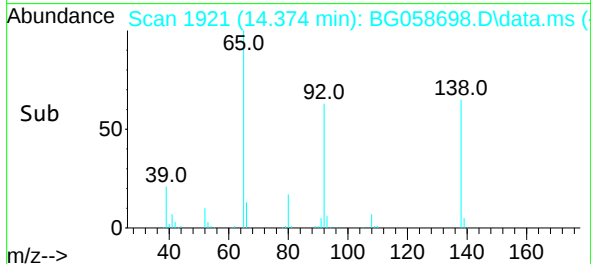
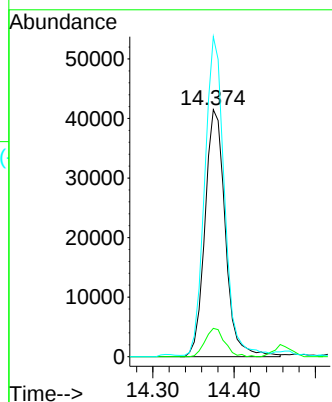
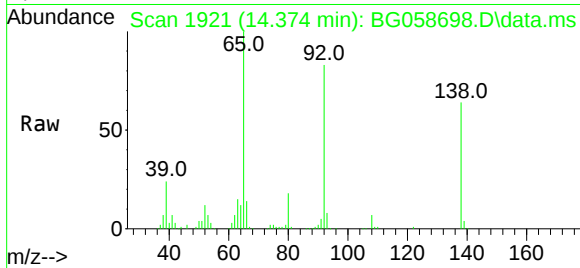
ClientSampleId :

PB154756BS

Tgt Ion:138 Resp: 7203
Ion Ratio Lower Upper
138 100
108 11.5 8.3 12.5
92 129.5 101.1 151.7

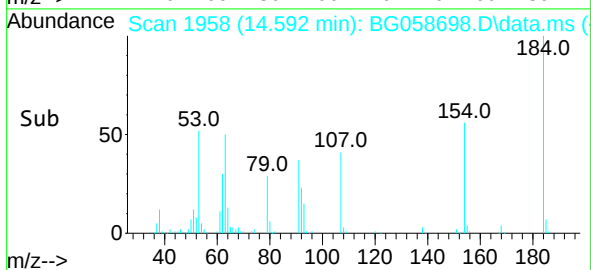
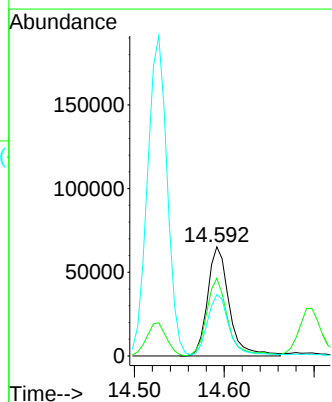
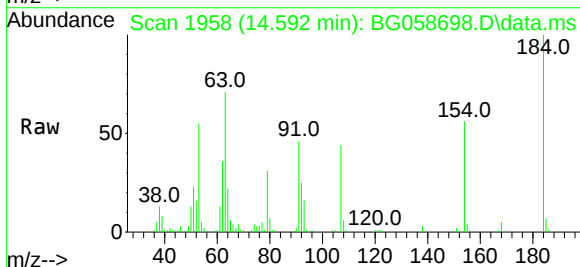
Manual Integrations
APPROVED

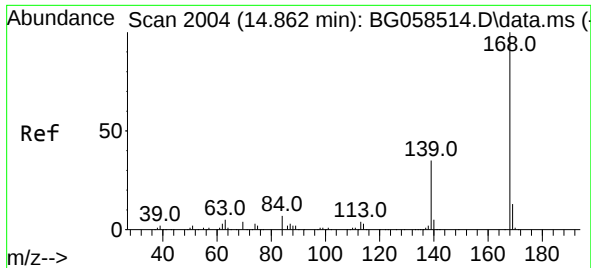
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/12/2023



#54
2,4-Dinitrophenol
Concen: 80.911 ng
RT: 14.592 min Scan# 1958
Delta R.T. 0.006 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

Tgt Ion:184 Resp: 108706
Ion Ratio Lower Upper
184 100
63 71.2 56.7 85.1
154 56.3 46.1 69.1





#55
Dibenzenofuran
Concen: 39.234 ng
RT: 14.862 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

Instrument :

BNA_G

ClientSampleId :

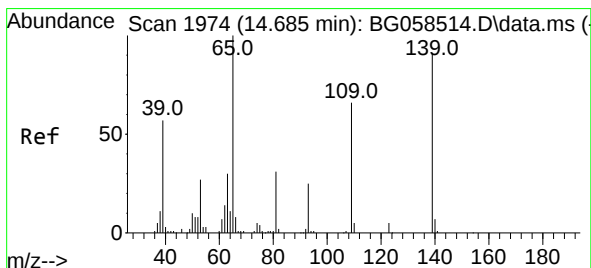
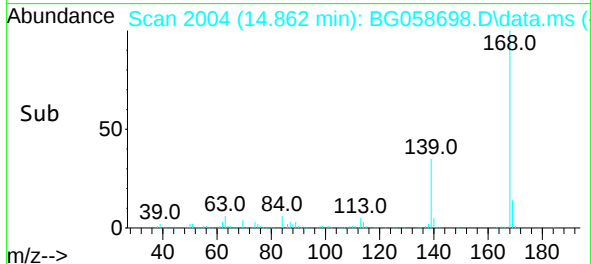
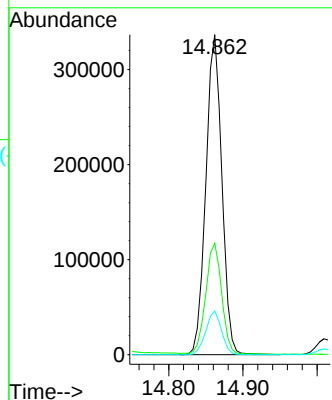
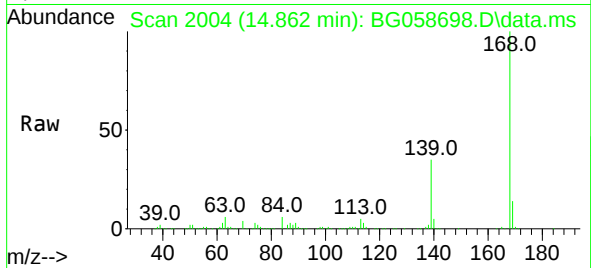
PB154756BS

Tgt Ion:168 Resp: 504498
Ion Ratio Lower Upper
168 100
139 34.8 27.8 41.8
169 13.6 10.6 16.0

Manual Integrations

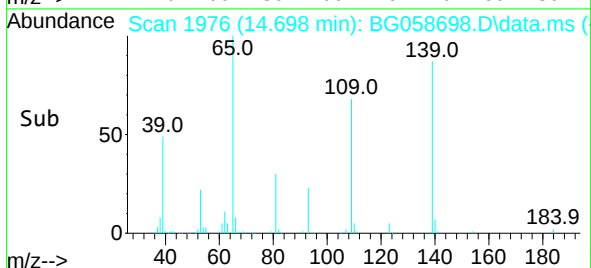
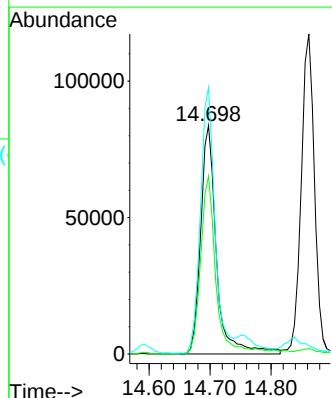
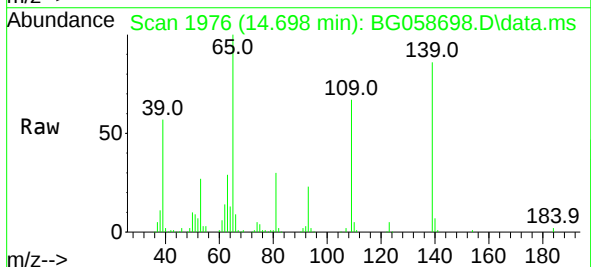
APPROVED

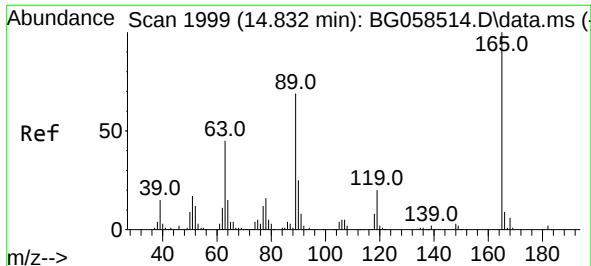
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/12/2023



#56
4-Nitrophenol
Concen: 85.326 ng
RT: 14.698 min Scan# 1976
Delta R.T. 0.012 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

Tgt Ion:139 Resp: 150995
Ion Ratio Lower Upper
139 100
109 77.9 52.5 92.5
65 116.6 90.5 130.5





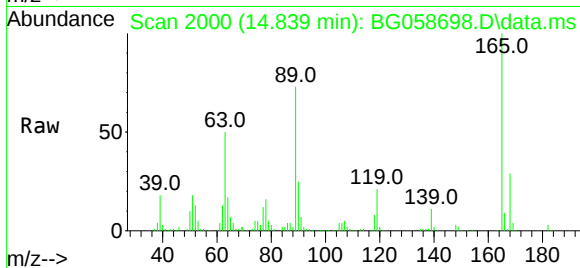
#57
2,4-Dinitrotoluene
Concen: 42.007 ng
RT: 14.839 min Scan# 2000
Delta R.T. 0.007 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

Instrument :

BNA_G

ClientSampleId :

PB154756BS

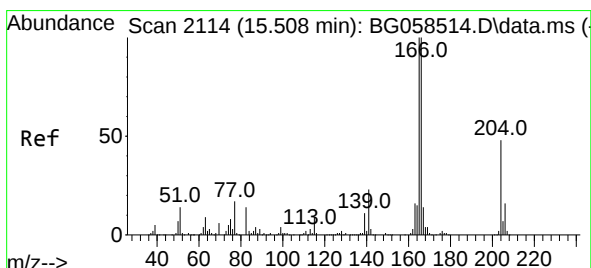
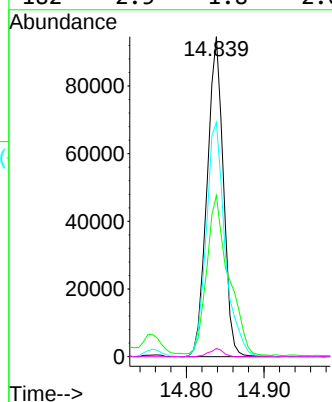
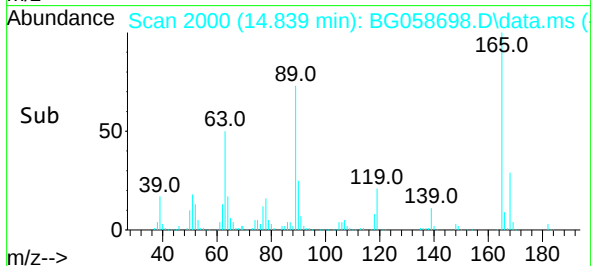


Tgt Ion:165 Resp: 138638
Ion Ratio Lower Upper
165 100
63 50.3 36.6 54.8
89 73.2 55.4 83.0
182 2.5 1.8 2.6

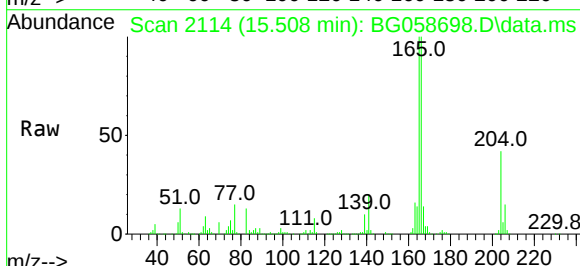
Manual Integrations

APPROVED

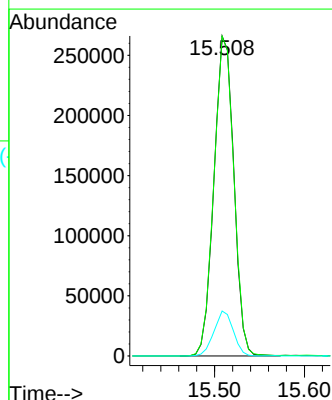
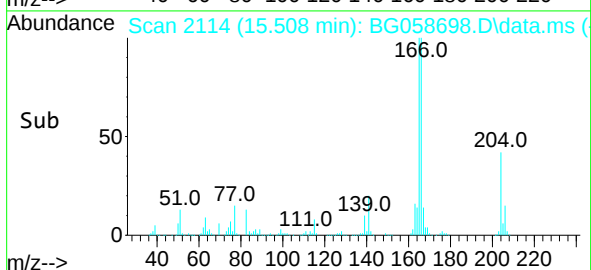
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/12/2023

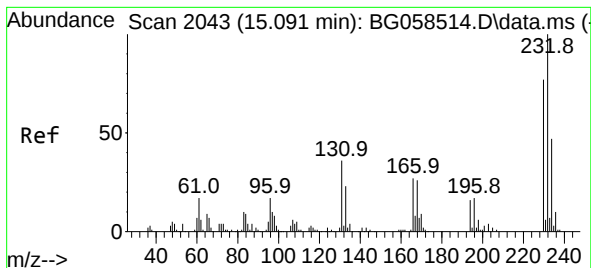


#58
Fluorene
Concen: 39.984 ng
RT: 15.508 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05



Tgt Ion:166 Resp: 408439
Ion Ratio Lower Upper
166 100
165 99.8 80.0 120.0
167 14.0 11.3 16.9





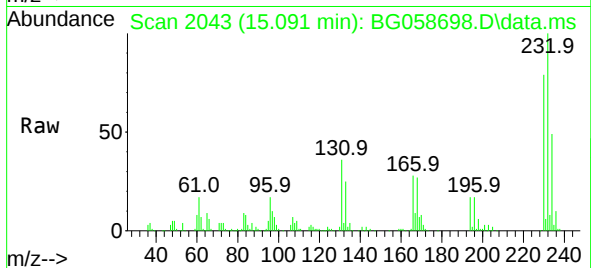
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.364 ng
RT: 15.091 min Scan# 2043
Delta R.T. 0.000 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

Instrument :

BNA_G

ClientSampleId :

PB154756BS

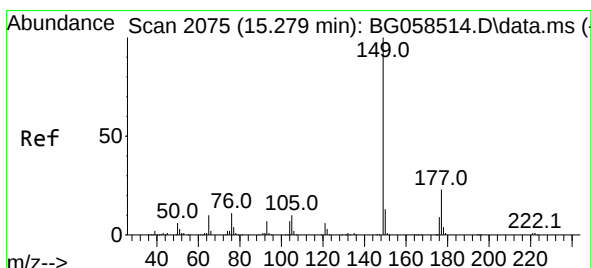
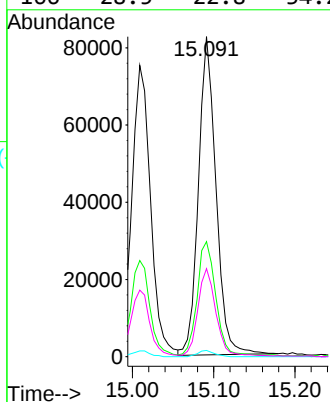
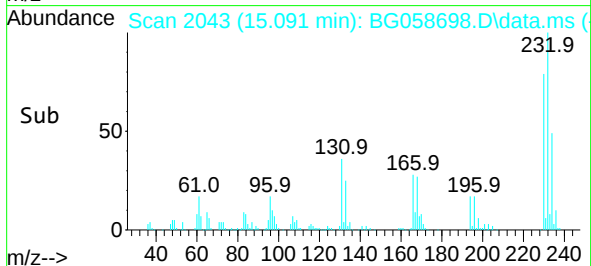


Tgt Ion:232 Resp: 12375
Ion Ratio Lower Upper
232 100
131 38.0 30.0 45.0
130 1.9 1.5 2.3
166 28.5 22.8 34.2

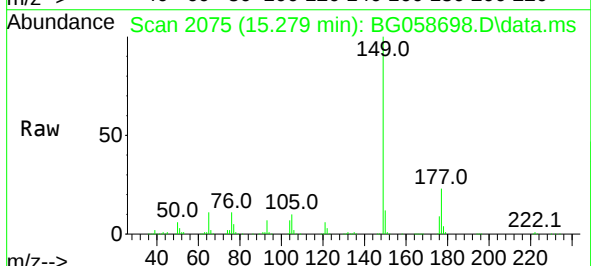
Manual Integrations

APPROVED

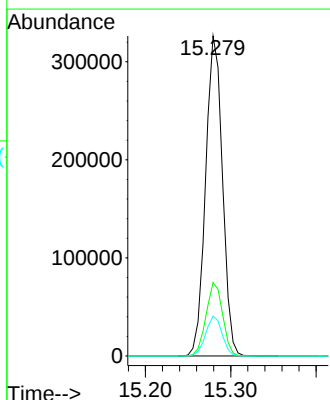
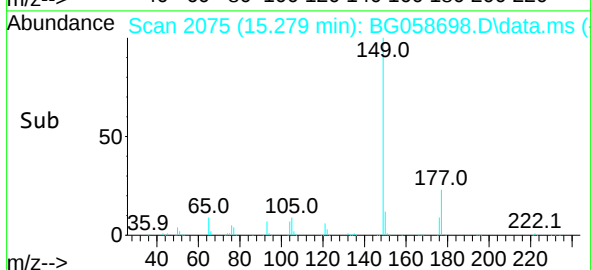
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/12/2023

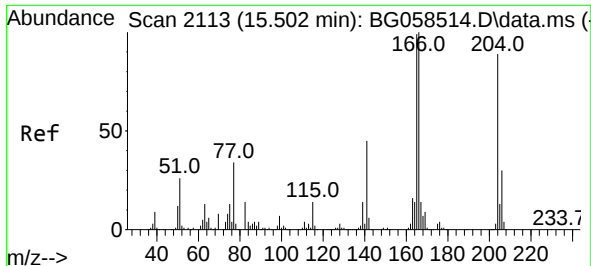


#60
Diethylphthalate
Concen: 40.501 ng
RT: 15.279 min Scan# 2075
Delta R.T. 0.000 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05



Tgt Ion:149 Resp: 447658
Ion Ratio Lower Upper
149 100
177 23.0 18.2 27.4
150 12.5 10.2 15.4





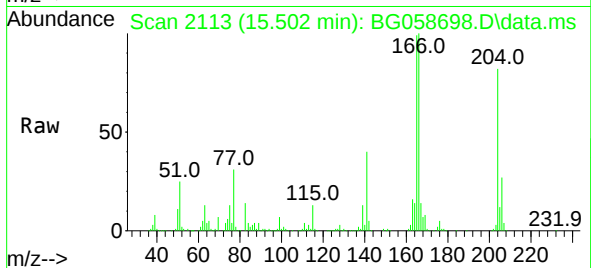
#61
4-Chlorophenyl-phenylether
Concen: 39.192 ng
RT: 15.502 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

Instrument :

BNA_G

ClientSampleId :

PB154756BS

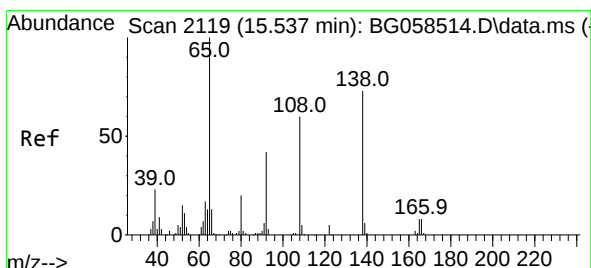
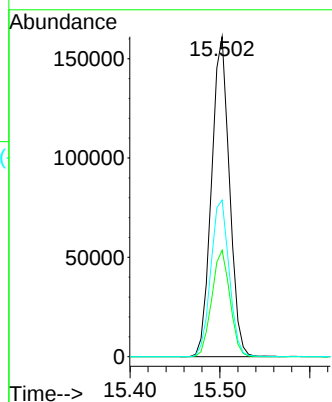
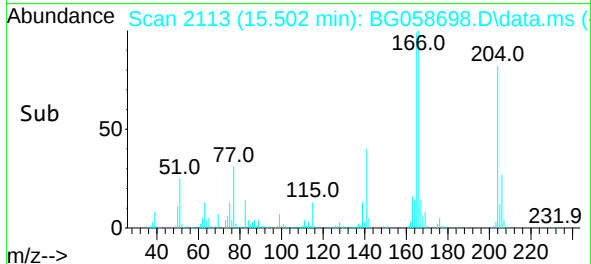


Tgt Ion:204 Resp: 223200
Ion Ratio Lower Upper
204 100
206 33.2 27.0 40.4
141 49.0 40.8 61.2

Manual Integrations

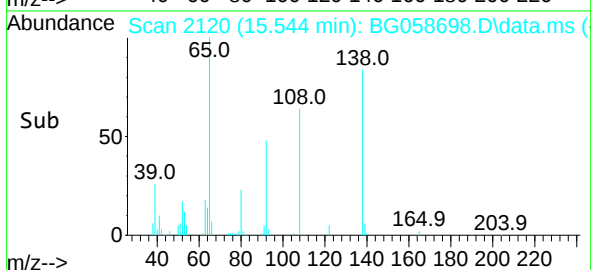
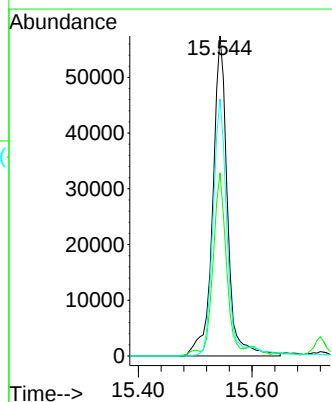
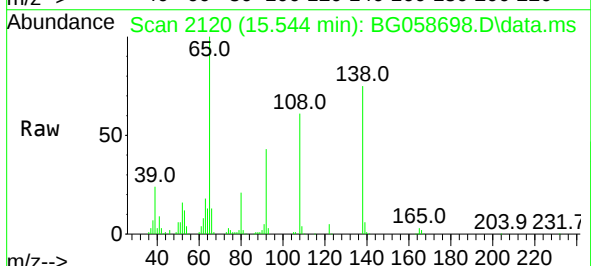
APPROVED

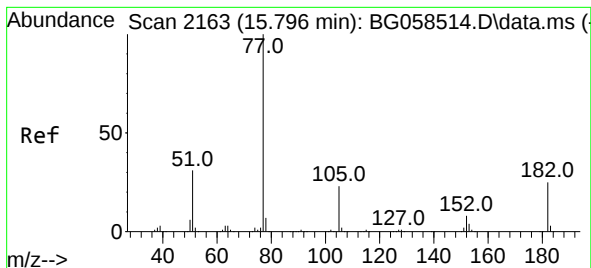
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/12/2023



#62
4-Nitroaniline
Concen: 45.383 ng
RT: 15.544 min Scan# 2120
Delta R.T. 0.006 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

Tgt Ion:138 Resp: 102394
Ion Ratio Lower Upper
138 100
92 57.3 37.3 77.3
108 80.3 62.6 102.6





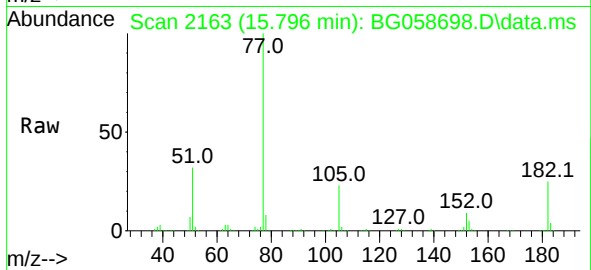
#63
Azobenzene
Concen: 40.110 ng
RT: 15.796 min Scan# 2163
Delta R.T. 0.000 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

Instrument :

BNA_G

ClientSampleId :

PB154756BS



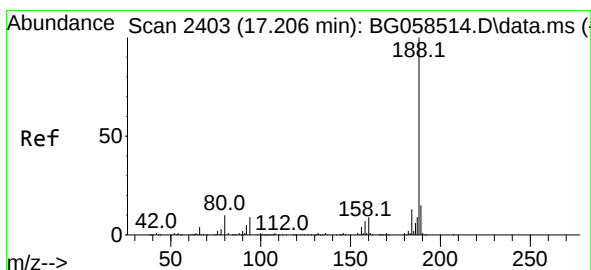
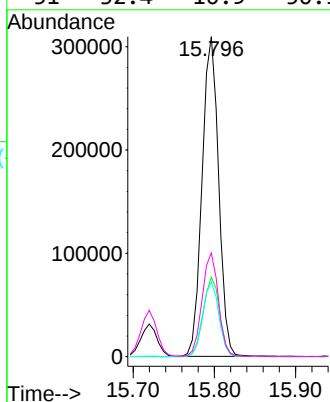
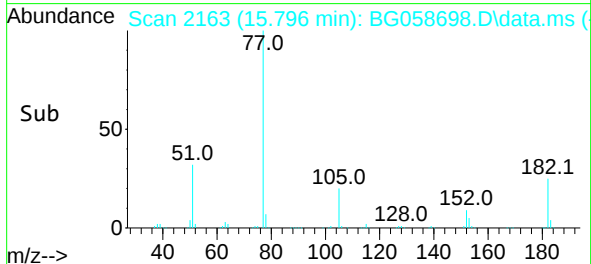
Tgt Ion: 77 Resp: 43666
Ion Ratio Lower Upper
77 100
182 24.9 4.6 44.6
105 23.3 3.3 43.3
51 32.4 10.9 50.9

Manual Integrations

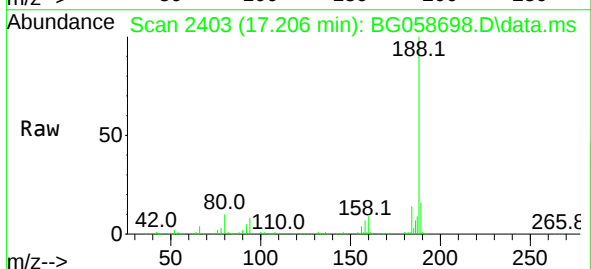
APPROVED

Reviewed By :Yogesh Patel 08/11/2023

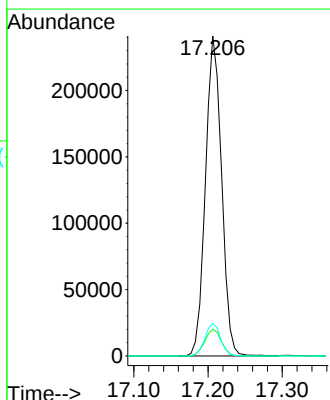
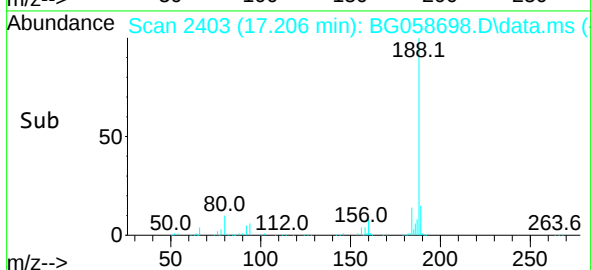
Supervised By :mohammad ahmed 08/12/2023

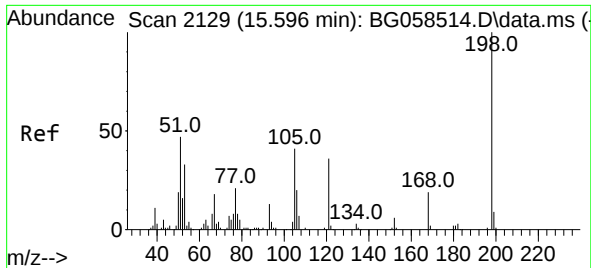


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.206 min Scan# 2403
Delta R.T. 0.000 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05



Tgt Ion:188 Resp: 364356
Ion Ratio Lower Upper
188 100
94 8.3 7.0 10.6
80 10.1 8.1 12.1





#65
4,6-Dinitro-2-methylphenol
Concen: 42.087 ng
RT: 15.602 min Scan# 2129
Delta R.T. 0.006 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

Instrument :

BNA_G

ClientSampleId :

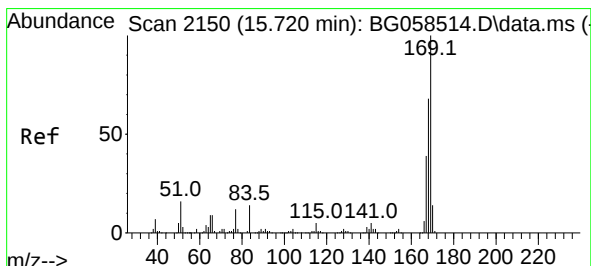
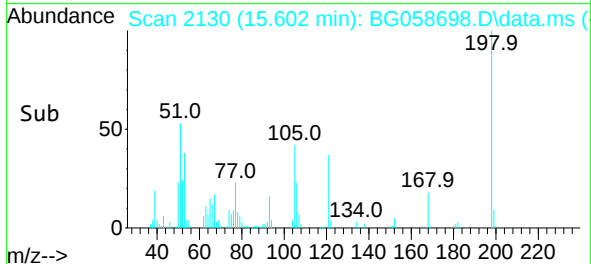
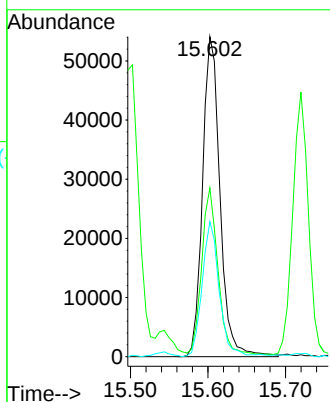
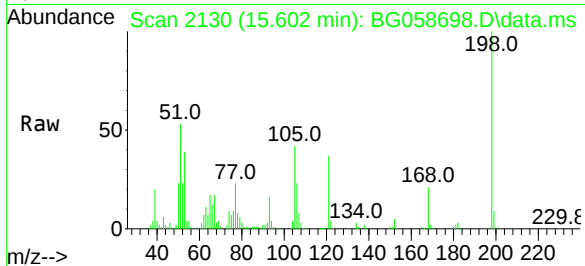
PB154756BS

Tgt Ion:198 Resp: 8455
Ion Ratio Lower Upper
198 100
51 52.8 29.3 69.3
105 42.2 21.0 61.0

Manual Integrations

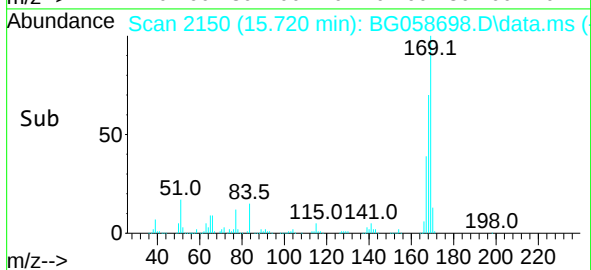
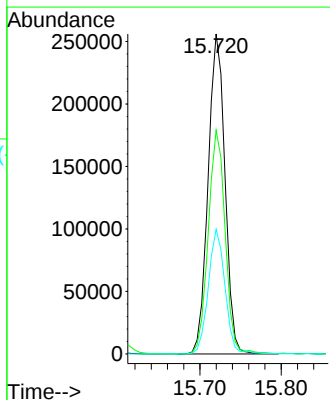
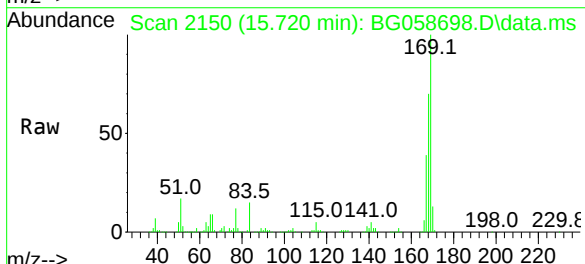
APPROVED

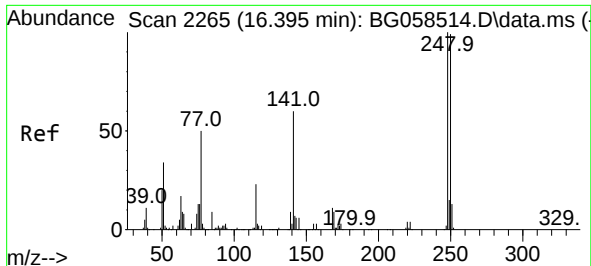
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/12/2023



#66
n-Nitrosodiphenylamine
Concen: 38.909 ng
RT: 15.720 min Scan# 2150
Delta R.T. 0.000 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

Tgt Ion:169 Resp: 368984
Ion Ratio Lower Upper
169 100
168 70.0 54.6 82.0
167 39.0 31.3 46.9





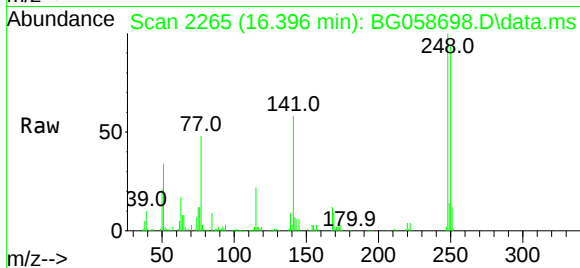
#67
4-Bromophenyl-phenylether
Concen: 38.201 ng
RT: 16.396 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

Instrument :

BNA_G

ClientSampleId :

PB154756BS

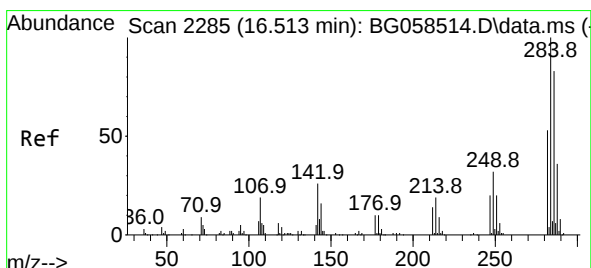
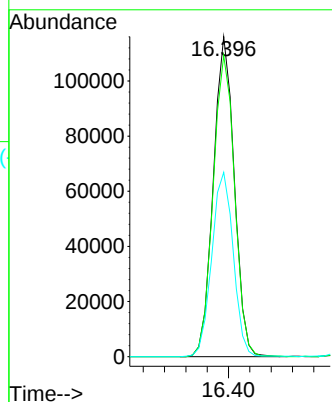
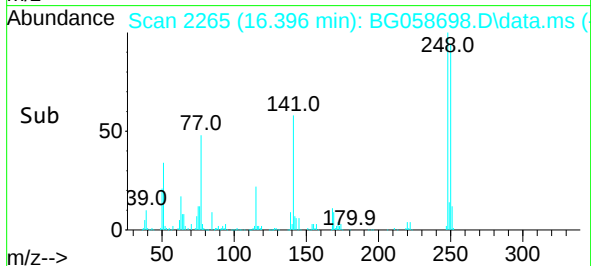


Tgt Ion:248 Resp: 15786
Ion Ratio Lower Upper
248 100
250 94.1 79.5 119.3
141 57.6 48.2 72.2

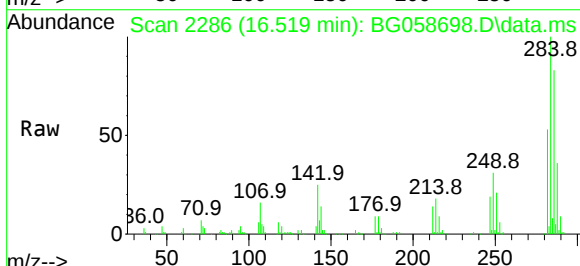
Manual Integrations

APPROVED

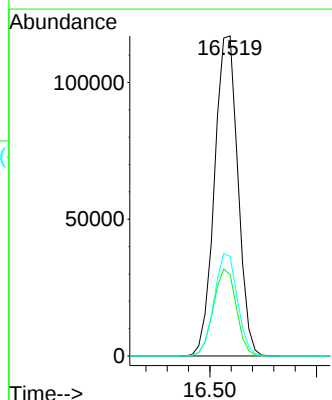
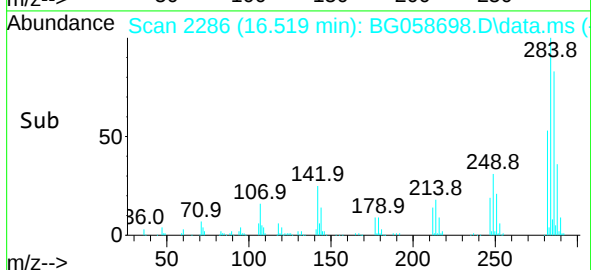
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/12/2023

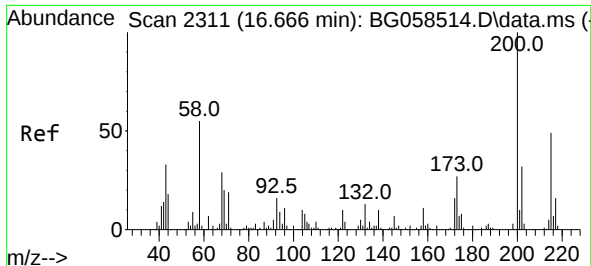


#68
Hexachlorobenzene
Concen: 40.644 ng
RT: 16.519 min Scan# 2286
Delta R.T. 0.006 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05



Tgt Ion:284 Resp: 177985
Ion Ratio Lower Upper
284 100
142 25.4 21.0 31.4
249 31.1 25.5 38.3





#69
Atrazine
Concen: 48.405 ng
RT: 16.672 min Scan# 21
Delta R.T. 0.006 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

Instrument :

BNA_G

ClientSampleId :

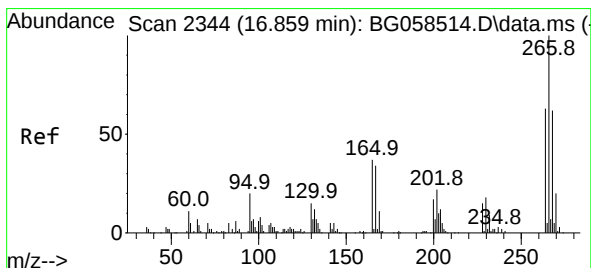
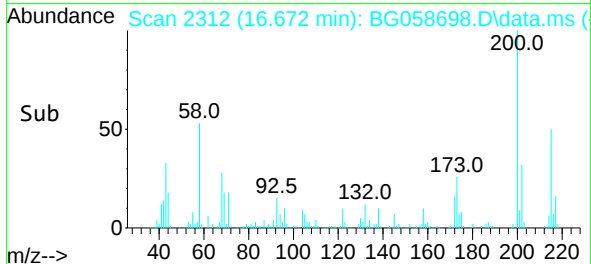
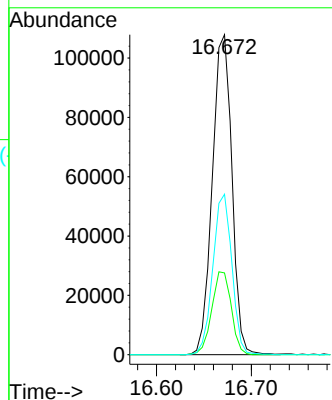
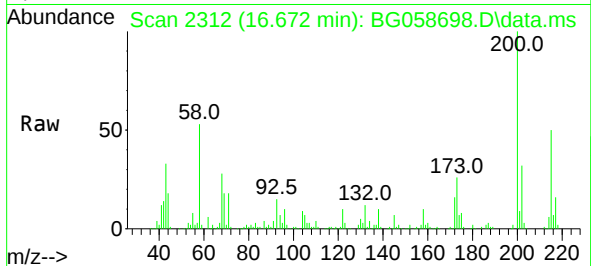
PB154756BS

Tgt Ion:200 Resp: 154958
Ion Ratio Lower Upper
200 100
173 25.5 6.5 46.5
215 50.2 28.9 68.9

Manual Integrations

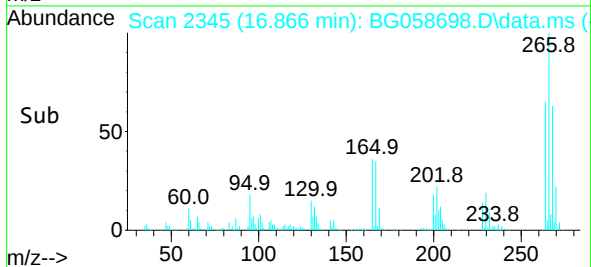
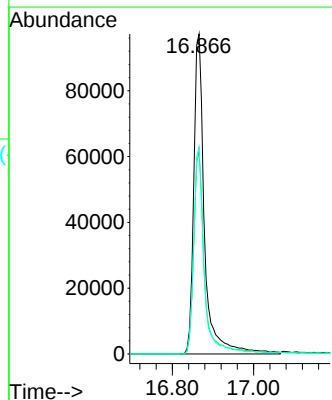
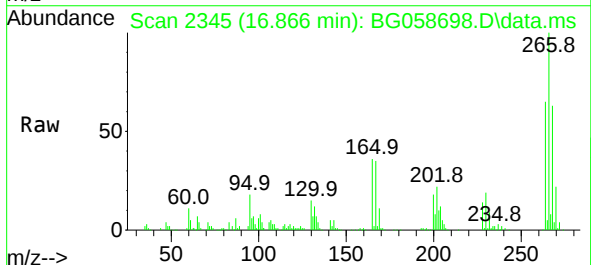
APPROVED

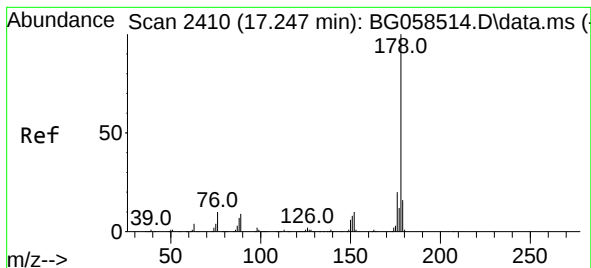
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/12/2023



#70
Pentachlorophenol
Concen: 67.912 ng
RT: 16.866 min Scan# 2345
Delta R.T. 0.007 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

Tgt Ion:266 Resp: 180006
Ion Ratio Lower Upper
266 100
268 63.2 49.9 74.9
264 64.7 50.2 75.4





#71

Phenanthrene

Concen: 39.548 ng

RT: 17.253 min Scan# 2410

Delta R.T. 0.006 min

Lab File: BG058698.D

Acq: 11 Aug 2023 11:05

Instrument :

BNA_G

ClientSampleId :

PB154756BS

Tgt Ion:178 Resp: 68336

Ion Ratio Lower Upper

178 100

176 20.1 16.3 24.5

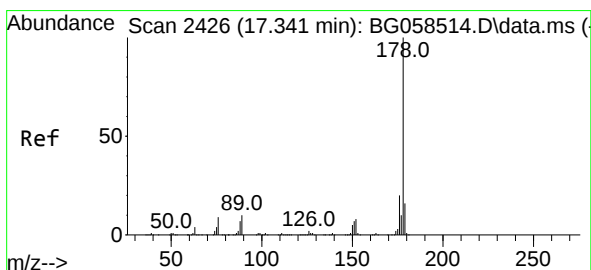
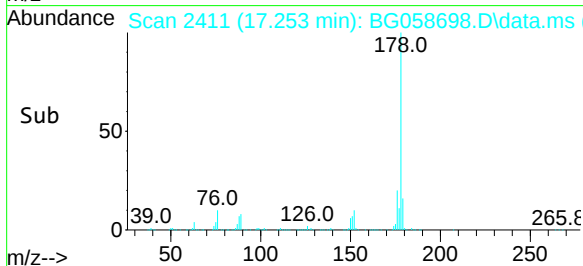
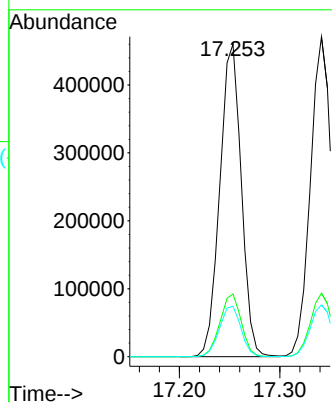
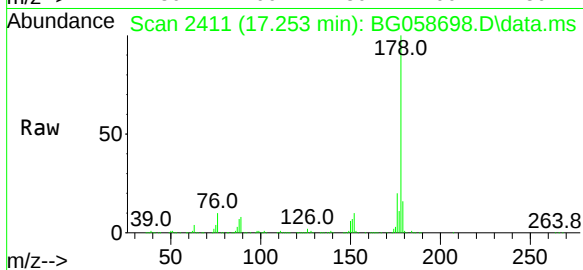
179 16.1 13.1 19.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/11/2023

Supervised By :mohammad ahmed 08/12/2023



#72

Anthracene

Concen: 39.256 ng

RT: 17.341 min Scan# 2426

Delta R.T. 0.000 min

Lab File: BG058698.D

Acq: 11 Aug 2023 11:05

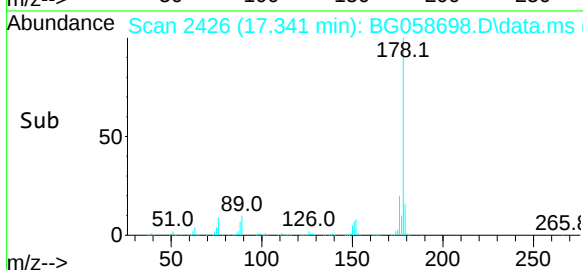
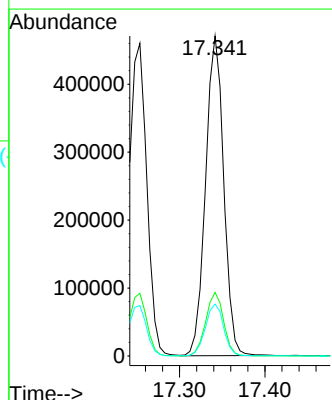
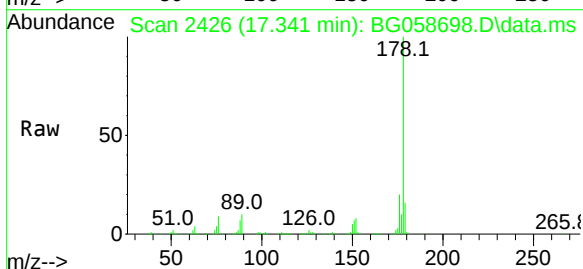
Tgt Ion:178 Resp: 696007

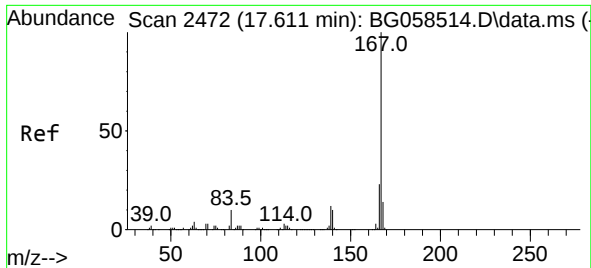
Ion Ratio Lower Upper

178 100

176 19.8 16.0 24.0

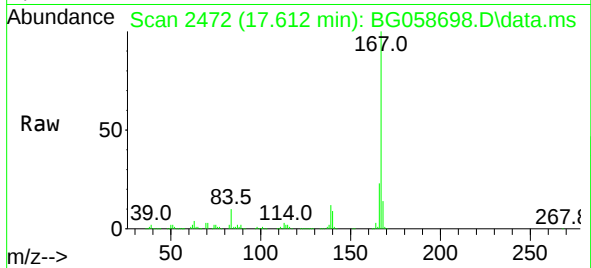
179 16.2 12.9 19.3





#73
 Carbazole
 Concen: 42.503 ng
 RT: 17.612 min Scan# 2472
 Delta R.T. 0.000 min
 Lab File: BG058698.D
 Acq: 11 Aug 2023 11:05

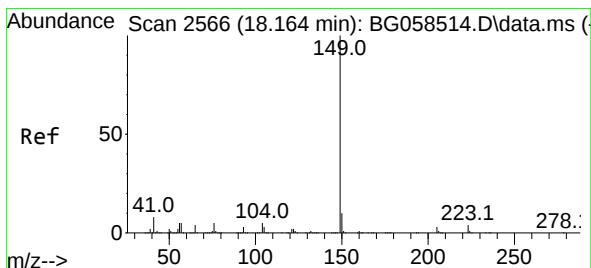
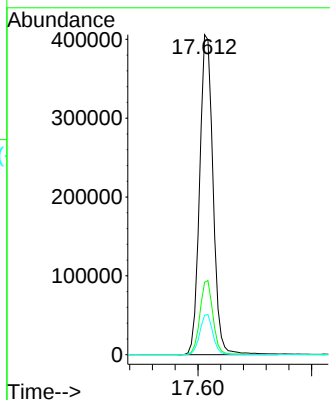
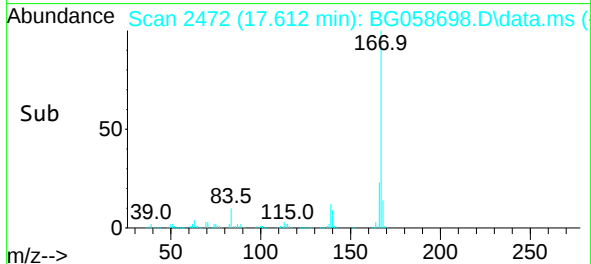
Instrument :
 BNA_G
 ClientSampleId :
 PB154756BS



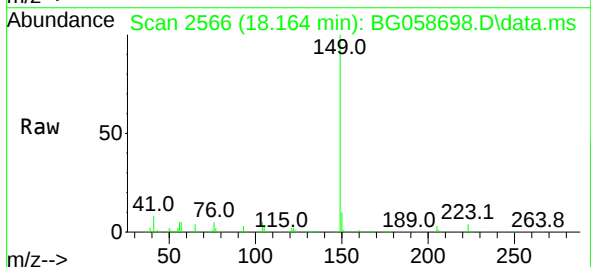
Tgt Ion:167 Resp: 664523
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.4 27.6
 139 12.3 10.0 15.0

Manual Integrations
 APPROVED

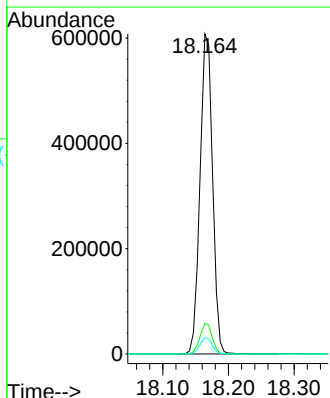
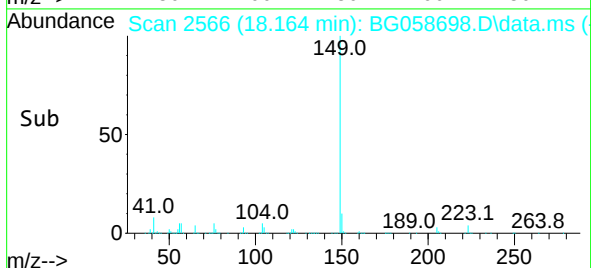
Reviewed By :Yogesh Patel 08/11/2023
 Supervised By :mohammad ahmed 08/12/2023

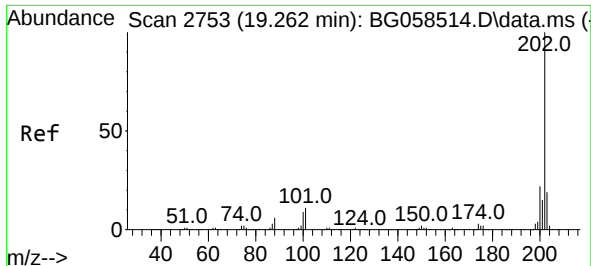


#74
 Di-n-butylphthalate
 Concen: 41.410 ng
 RT: 18.164 min Scan# 2566
 Delta R.T. 0.000 min
 Lab File: BG058698.D
 Acq: 11 Aug 2023 11:05



Tgt Ion:149 Resp: 810953
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.8 11.6
 104 5.0 4.0 6.0





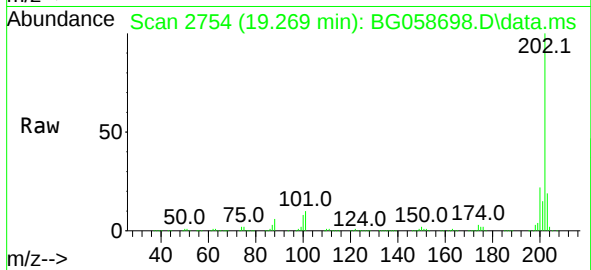
#75
Fluoranthene
Concen: 41.320 ng
RT: 19.269 min Scan# 21
Delta R.T. 0.006 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

Instrument :

BNA_G

ClientSampleId :

PB154756BS



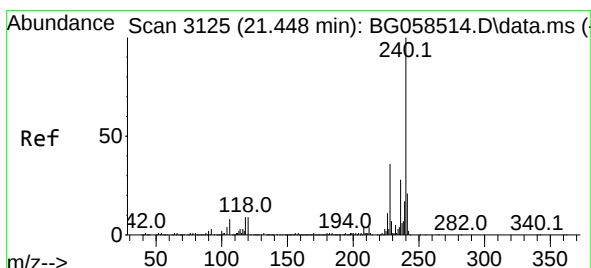
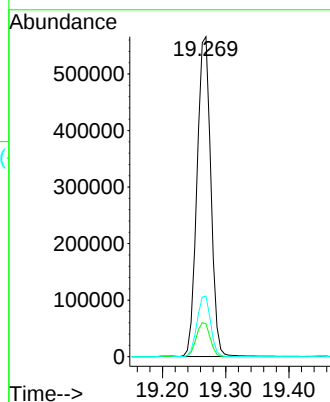
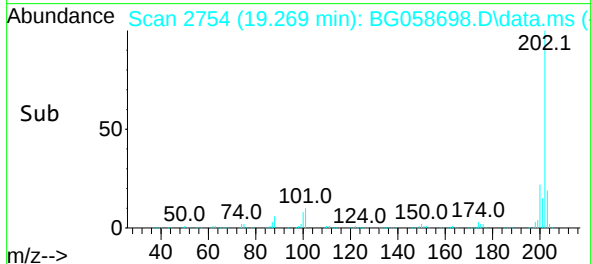
Tgt Ion:202 Resp: 857650
Ion Ratio Lower Upper
202 100
101 10.3 0.0 31.4
203 18.9 0.0 39.0

Manual Integrations

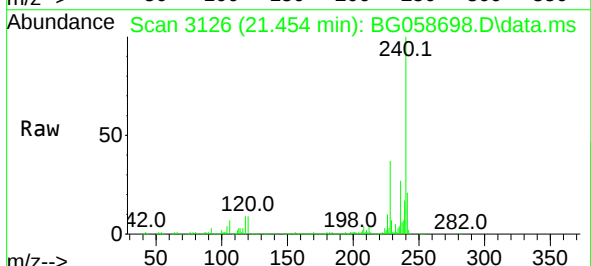
APPROVED

Reviewed By :Yogesh Patel 08/11/2023

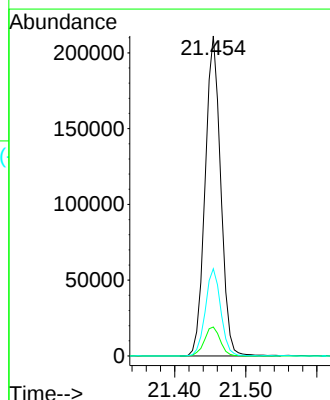
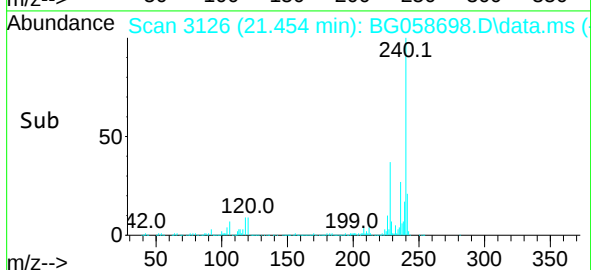
Supervised By :mohammad ahmed 08/12/2023

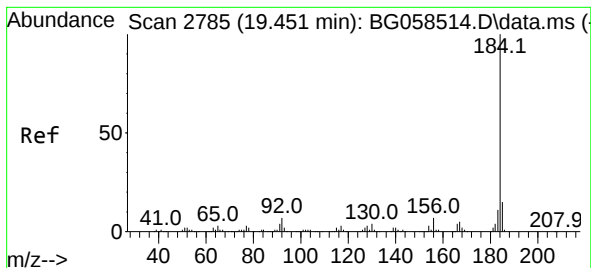


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.454 min Scan# 3126
Delta R.T. 0.006 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05



Tgt Ion:240 Resp: 321640
Ion Ratio Lower Upper
240 100
120 9.1 7.4 11.0
236 27.3 22.2 33.4





#77

Benzidine

Concen: 72.617 ng

RT: 19.451 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG058698.D

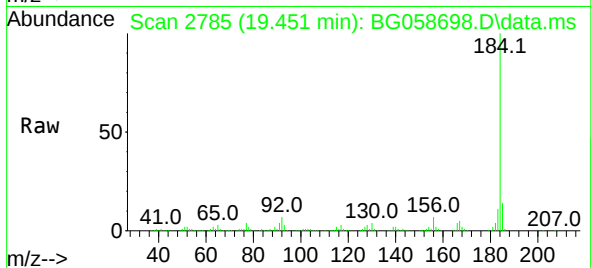
Acq: 11 Aug 2023 11:05

Instrument :

BNA_G

ClientSampleId :

PB154756BS



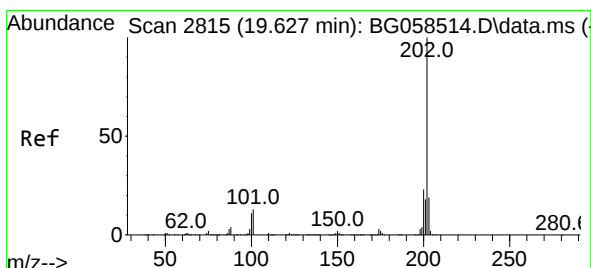
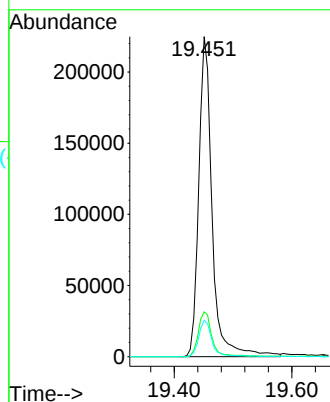
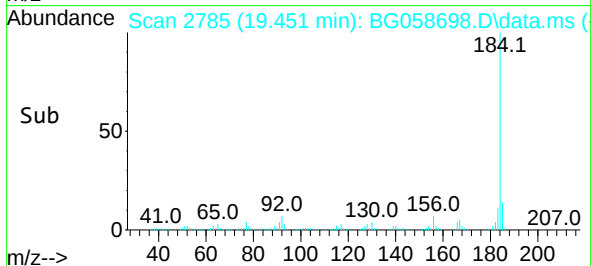
Tgt Ion:	184	Resp:	35418
Ion Ratio	Lower	Upper	
184	100		
185	14.0	11.9	17.9
183	11.4	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/11/2023

Supervised By :mohammad ahmed 08/12/2023



#78

Pyrene

Concen: 40.182 ng

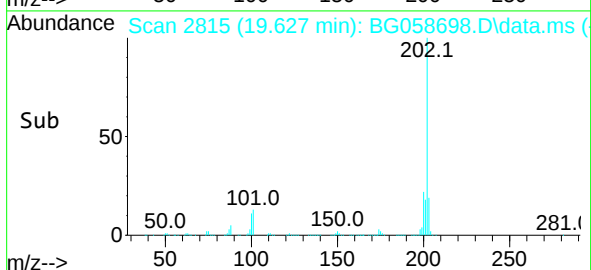
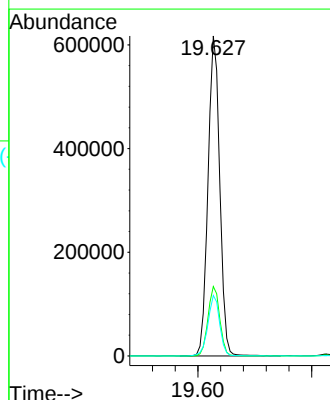
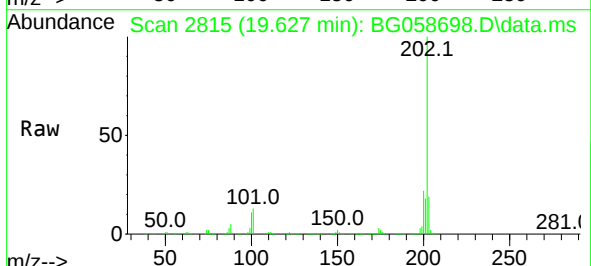
RT: 19.627 min Scan# 2815

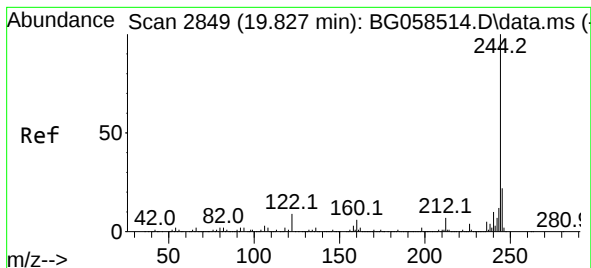
Delta R.T. 0.000 min

Lab File: BG058698.D

Acq: 11 Aug 2023 11:05

Tgt Ion:	202	Resp:	879564
Ion Ratio	Lower	Upper	
202	100		
200	21.7	18.2	27.2
203	18.9	15.1	22.7





#79

Terphenyl-d14

Concen: 79.069 ng

RT: 19.827 min Scan# 2849

Delta R.T. 0.000 min

Lab File: BG058698.D

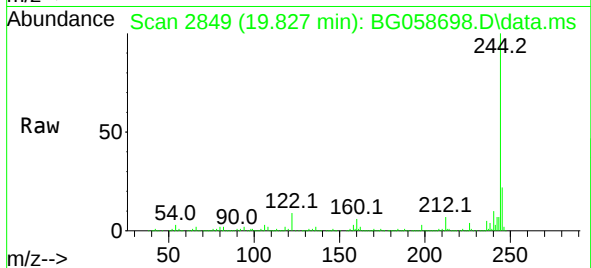
Acq: 11 Aug 2023 11:05

Instrument :

BNA_G

ClientSampleId :

PB154756BS



Tgt Ion:244 Resp: 1352378

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

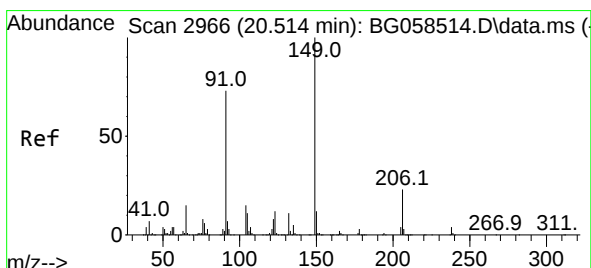
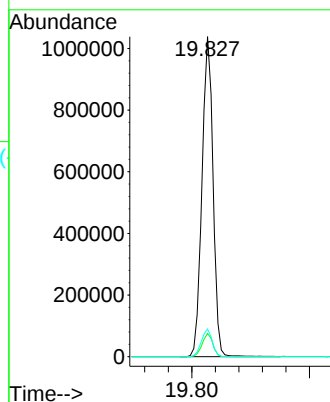
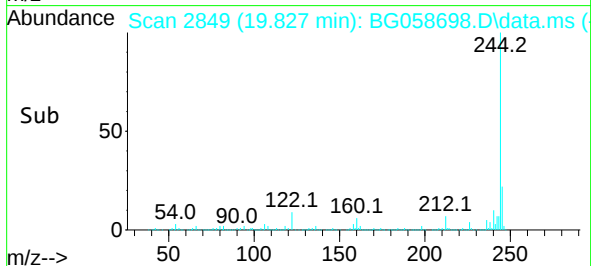
122 8.7 6.8 10.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/11/2023

Supervised By :mohammad ahmed 08/12/2023



#80

Butylbenzylphthalate

Concen: 39.896 ng

RT: 20.514 min Scan# 2966

Delta R.T. 0.000 min

Lab File: BG058698.D

Acq: 11 Aug 2023 11:05

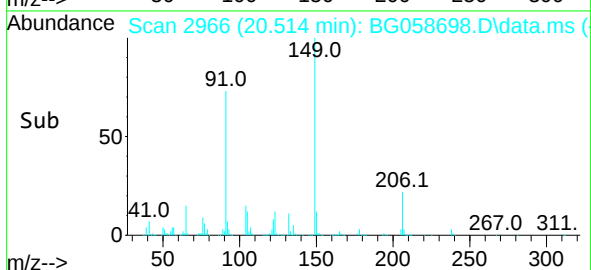
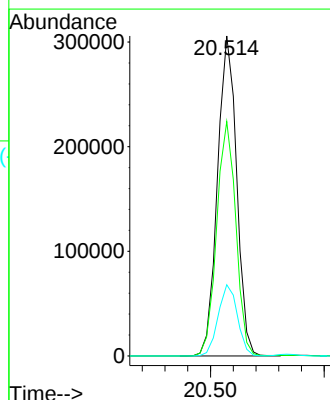
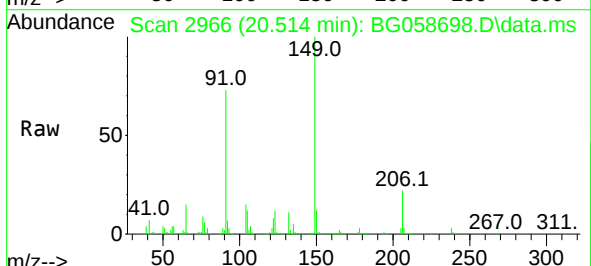
Tgt Ion:149 Resp: 358713

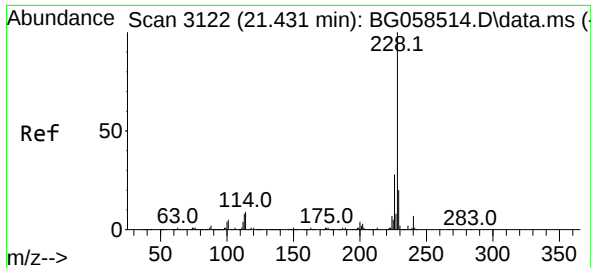
Ion Ratio Lower Upper

149 100

91 73.3 58.4 87.6

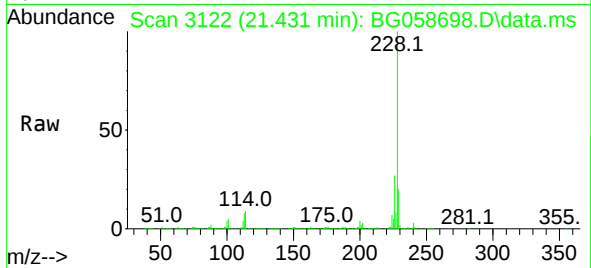
206 22.2 18.3 27.5





#81
Benzo(a)anthracene
Concen: 40.596 ng
RT: 21.431 min Scan# 3122
Delta R.T. 0.000 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

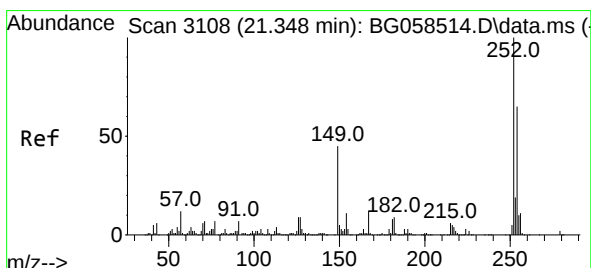
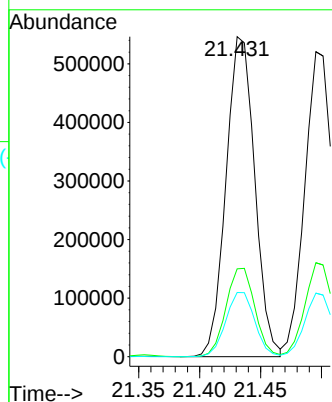
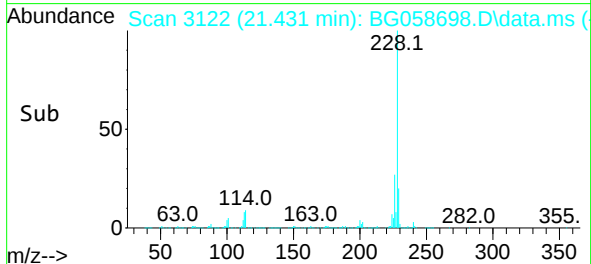
Instrument :
BNA_G
ClientSampleId :
PB154756BS



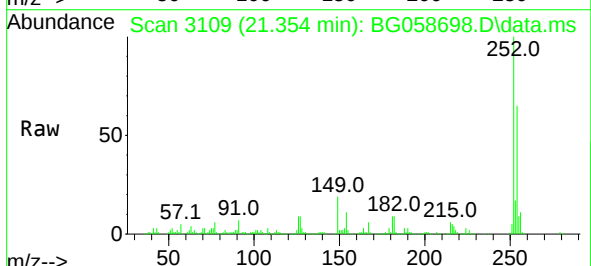
Tgt Ion:228 Resp: 898592
Ion Ratio Lower Upper
228 100
226 27.4 22.6 33.8
229 20.1 16.3 24.5

Manual Integrations
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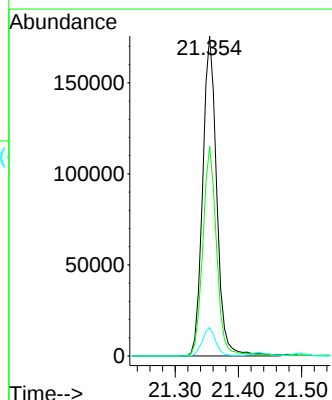
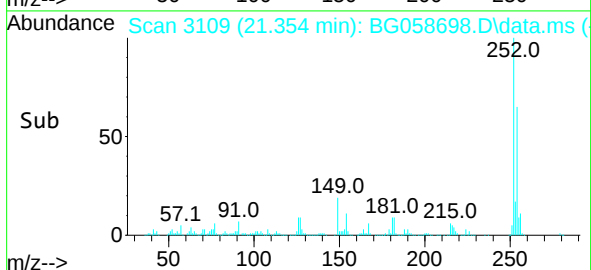
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/12/2023

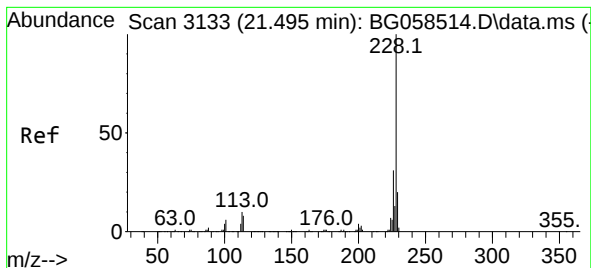


#82
3,3'-Dichlorobenzidine
Concen: 36.383 ng
RT: 21.354 min Scan# 3109
Delta R.T. 0.006 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05



Tgt Ion:252 Resp: 272295
Ion Ratio Lower Upper
252 100
254 65.5 52.2 78.4
126 8.9 7.2 10.8





#83

Chrysene

Concen: 39.192 ng

RT: 21.495 min Scan# 3133

Delta R.T. 0.000 min

Lab File: BG058698.D

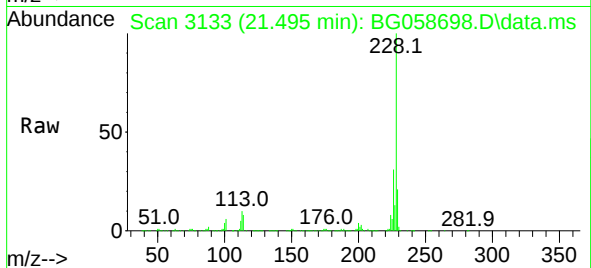
Acq: 11 Aug 2023 11:05

Instrument :

BNA_G

ClientSampleId :

PB154756BS



Tgt Ion:228 Resp: 831770

Ion Ratio Lower Upper

228 100

226 30.8 25.0 37.6

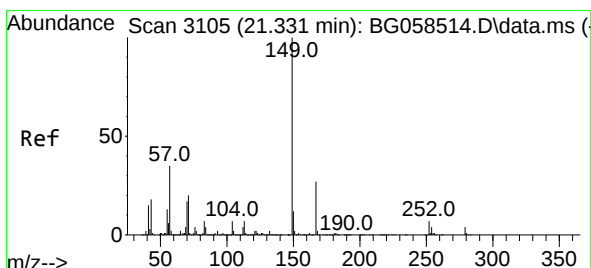
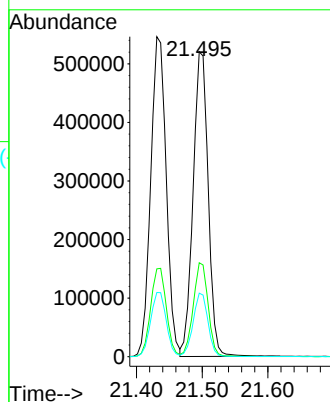
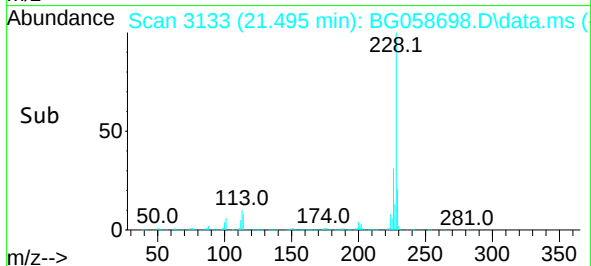
229 20.8 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/11/2023

Supervised By :mohammad ahmed 08/12/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.785 ng

RT: 21.337 min Scan# 3106

Delta R.T. 0.006 min

Lab File: BG058698.D

Acq: 11 Aug 2023 11:05

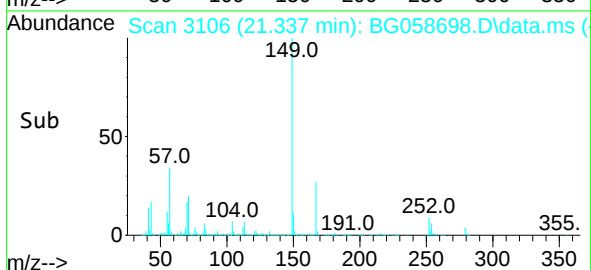
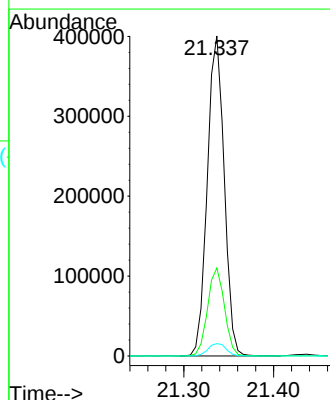
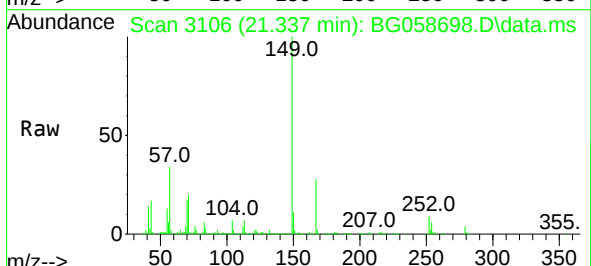
Tgt Ion:149 Resp: 522745

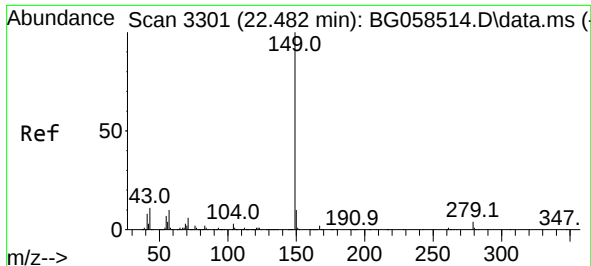
Ion Ratio Lower Upper

149 100

167 27.5 21.8 32.8

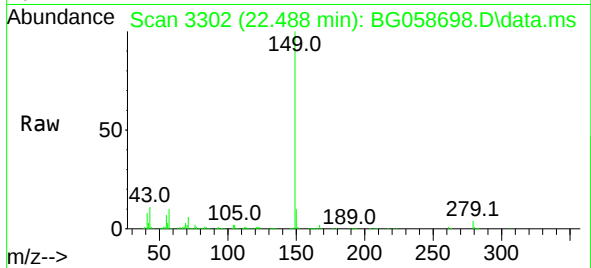
279 3.8 2.9 4.3





#85
Di-n-octyl phthalate
Concen: 40.564 ng
RT: 22.488 min Scan# 31
Delta R.T. 0.006 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

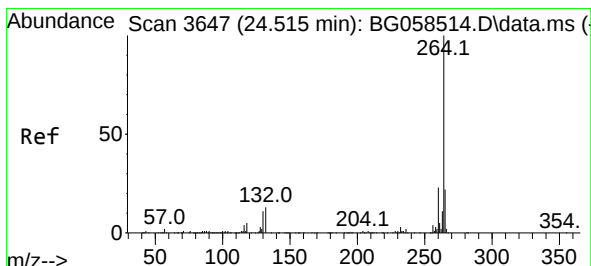
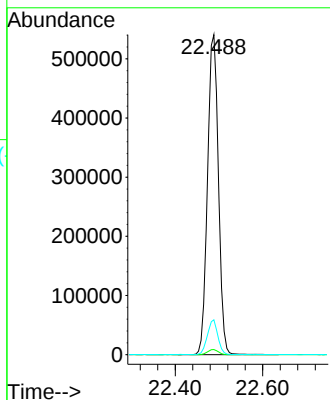
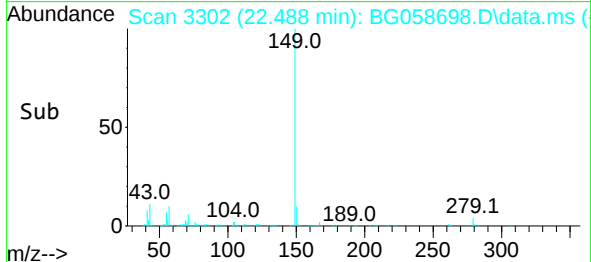
Instrument :
BNA_G
ClientSampleId :
PB154756BS



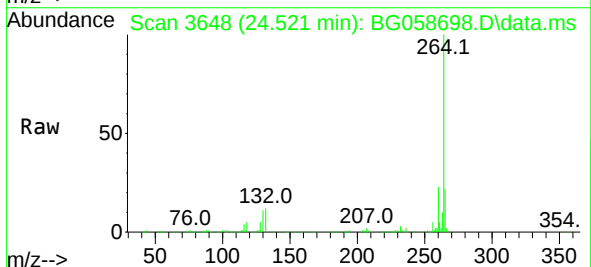
Tgt Ion:149 Resp: 93704
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.4 8.2 12.2

Manual Integrations
APPROVED

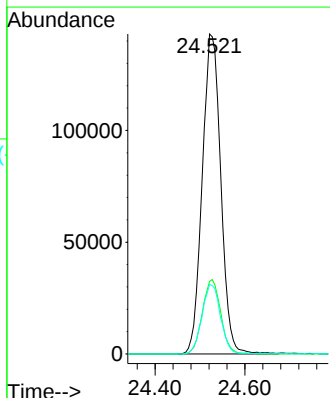
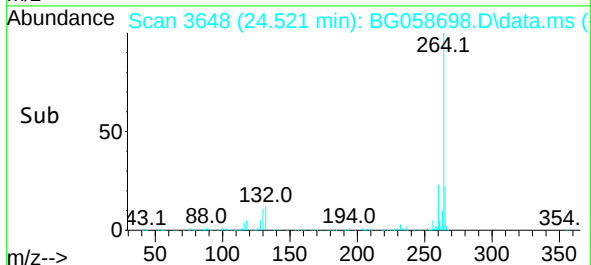
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/12/2023

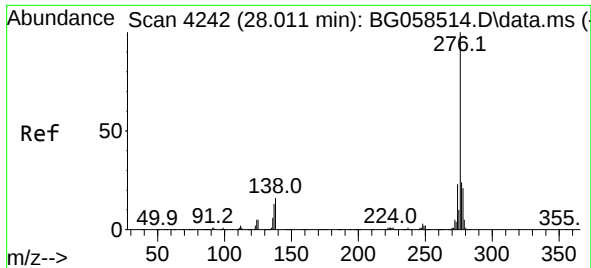


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.521 min Scan# 3648
Delta R.T. 0.006 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05



Tgt Ion:264 Resp: 410065
Ion Ratio Lower Upper
264 100
260 22.7 18.4 27.6
265 21.8 17.9 26.9





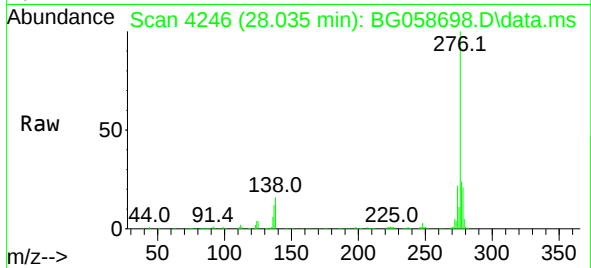
#87
Indeno(1,2,3-cd)pyrene
Concen: 41.661 ng
RT: 28.035 min Scan# 4246
Delta R.T. 0.024 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

Instrument :

BNA_G

ClientSampleId :

PB154756BS

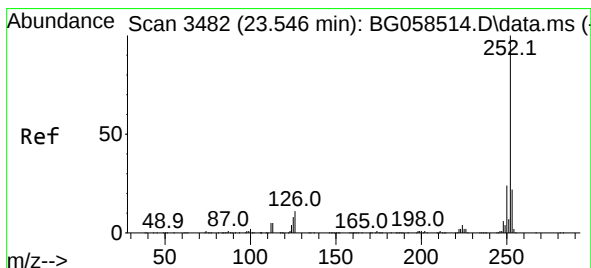
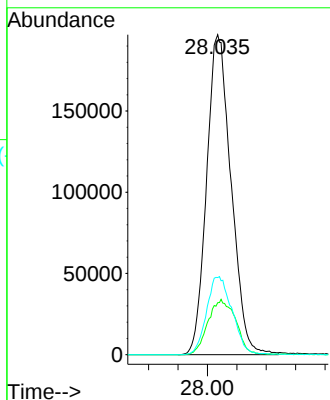
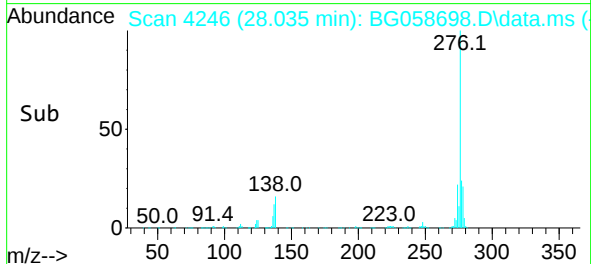


Tgt Ion:276 Resp: 1136529
Ion Ratio Lower Upper
276 100
138 19.6 16.0 24.0
277 25.4 20.4 30.6

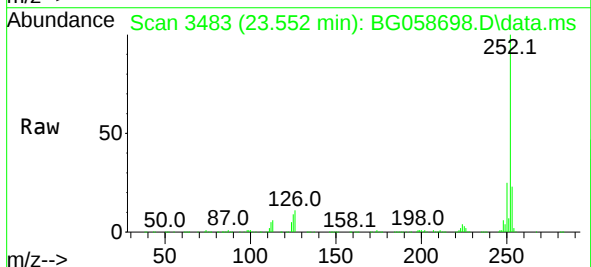
Manual Integrations

APPROVED

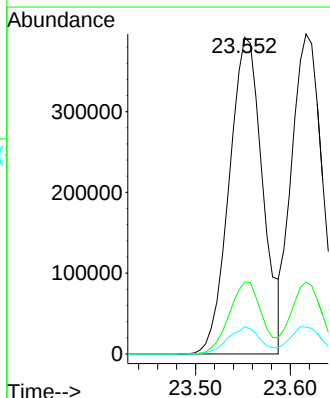
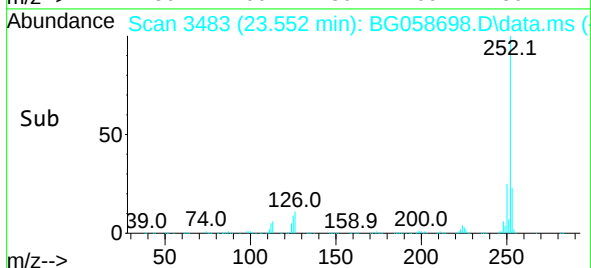
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/12/2023

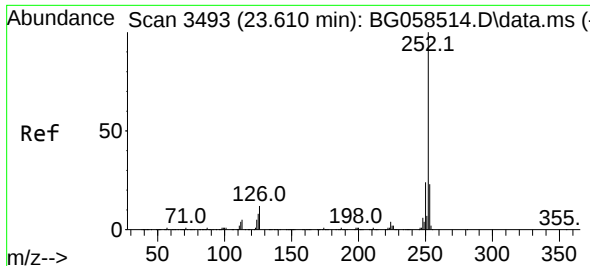


#88
Benzo(b)fluoranthene
Concen: 43.249 ng
RT: 23.552 min Scan# 3483
Delta R.T. 0.006 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05



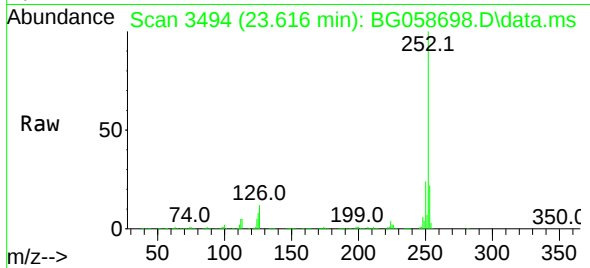
Tgt Ion:252 Resp: 961897
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 8.6 6.6 9.8





#89
Benzo(k)fluoranthene
Concen: 40.076 ng
RT: 23.616 min Scan# 3494
Delta R.T. 0.006 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05

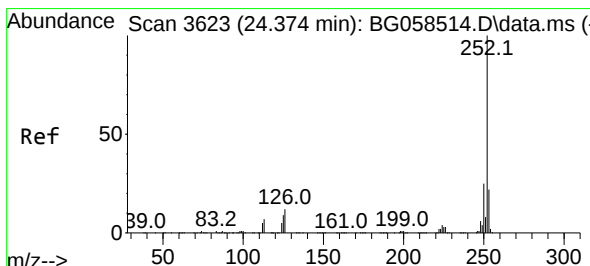
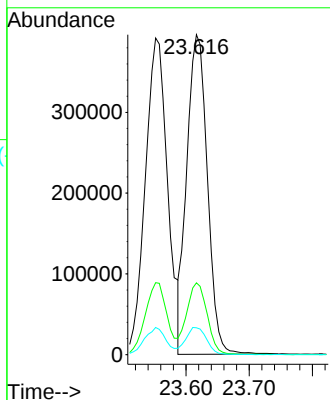
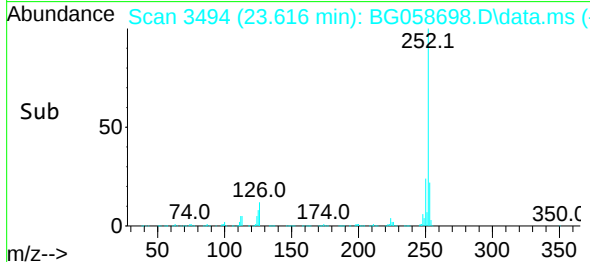
Instrument :
BNA_G
ClientSampleId :
PB154756BS



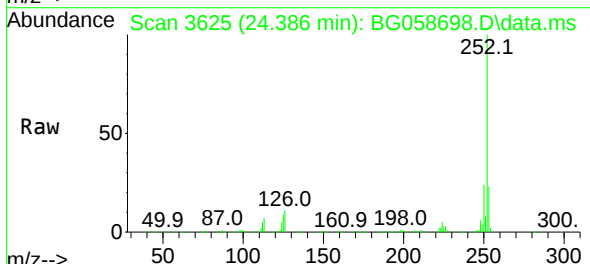
Tgt Ion:252 Resp: 895430
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 8.4 6.6 10.0

Manual Integrations
APPROVED

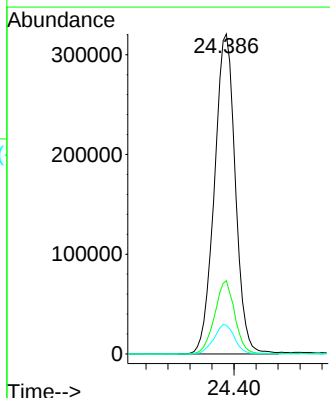
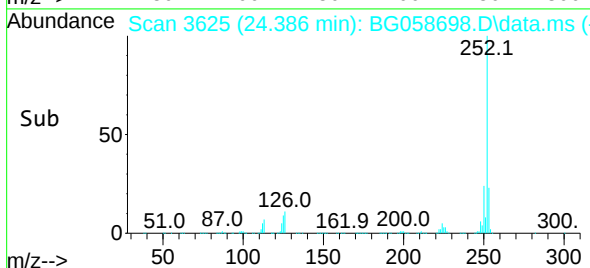
Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/12/2023

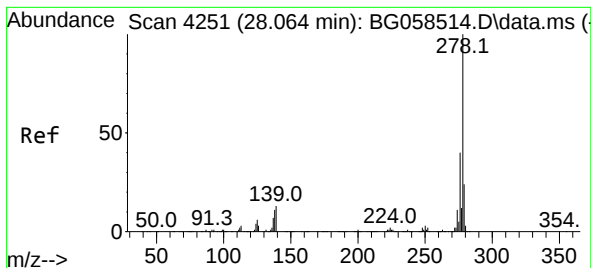


#90
Benzo(a)pyrene
Concen: 38.763 ng
RT: 24.386 min Scan# 3625
Delta R.T. 0.012 min
Lab File: BG058698.D
Acq: 11 Aug 2023 11:05



Tgt Ion:252 Resp: 846655
Ion Ratio Lower Upper
252 100
253 22.9 17.5 26.3
125 9.0 7.4 11.2





#91

Dibenzo(a,h)anthracene

Concen: 41.679 ng

RT: 28.088 min Scan# 41

Delta R.T. 0.024 min

Lab File: BG058698.D

Acq: 11 Aug 2023 11:05

Instrument :

BNA_G

ClientSampleId :

PB154756BS

Tgt Ion:278 Resp: 94016

Ion Ratio Lower Upper

278 100

139 12.3 10.4 15.6

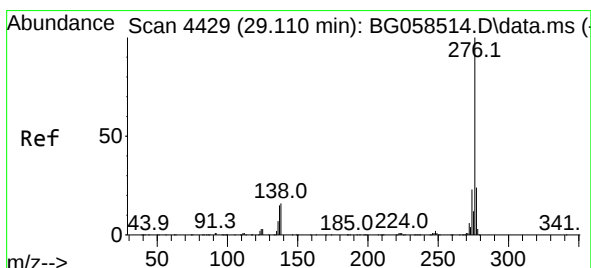
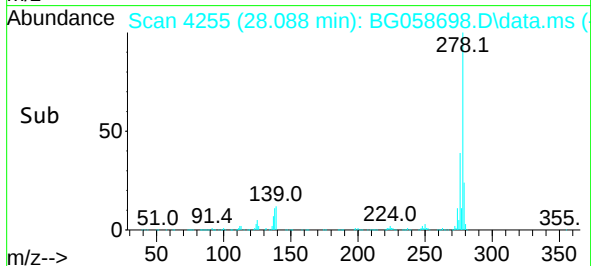
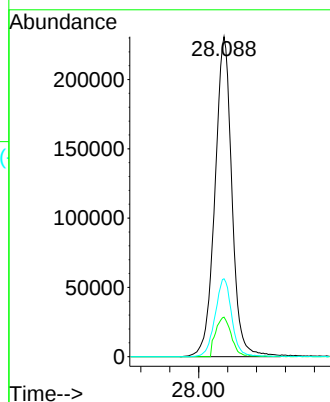
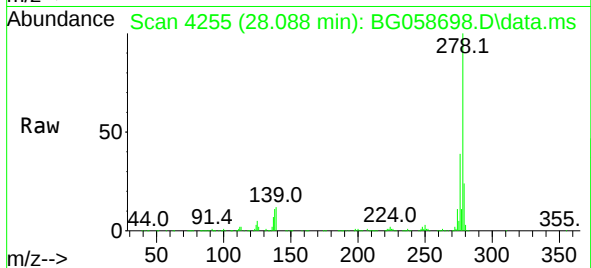
279 24.3 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/11/2023

Supervised By :mohammad ahmed 08/12/2023



#92

Benzo(g,h,i)perylene

Concen: 40.522 ng

RT: 29.134 min Scan# 4433

Delta R.T. 0.024 min

Lab File: BG058698.D

Acq: 11 Aug 2023 11:05

Tgt Ion:276 Resp: 916571

Ion Ratio Lower Upper

276 100

277 24.1 18.9 28.3

138 16.0 13.0 19.4

