

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062823\
 Data File : BG057896.D
 Acq On : 28 Jun 2023 17:17
 Operator : CG/JU
 Sample : 03415-08MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

ESII-TP1MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2023

Supervised By :mohammad ahmed 06/29/2023

Quant Time: Jun 28 18:55:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 01:12:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.924	152	62257	20.000	ng	0.00
21) Naphthalene-d8	10.727	136	256541	20.000	ng	0.00
39) Acenaphthene-d10	14.558	164	159213	20.000	ng	0.00
64) Phenanthrene-d10	17.301	188	339383	20.000	ng	0.00
76) Chrysene-d12	21.561	240	275076	20.000	ng	0.00
86) Perylene-d12	24.716	264	322498	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	435238	106.962	ng	0.00
7) Phenol-d6	7.090	99	597193	98.146	ng	0.00
23) Nitrobenzene-d5	9.088	82	357974	68.385	ng	0.00
42) 2,4,6-Tribromophenol	16.050	330	245360	91.753	ng	0.00
45) 2-Fluorobiphenyl	13.183	172	728967	69.871	ng	0.00
79) Terphenyl-d14	19.916	244	1023713	67.847	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.394	88	59491	31.897	ng	99
3) Pyridine	3.788	79	166776	30.987	ng	98
4) n-Nitrosodimethylamine	3.706	42	83915	37.827	ng	93
6) Aniline	7.248	93	198207	26.075	ng	99
8) 2-Chlorophenol	7.489	128	187946	46.011	ng	99
9) Benzaldehyde	7.060	77	154314m	52.101	ng	
10) Phenol	7.119	94	250705	42.400	ng	95
11) bis(2-Chloroethyl)ether	7.342	93	180672	40.530	ng	99
12) 1,3-Dichlorobenzene	7.813	146	191471	45.571	ng	99
13) 1,4-Dichlorobenzene	7.959	146	193746	45.908	ng	96
14) 1,2-Dichlorobenzene	8.277	146	189194	46.324	ng	99
15) Benzyl Alcohol	8.159	79	177404	39.572	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.447	45	300463m	40.478	ng	
17) 2-Methylphenol	8.365	107	172287	39.303	ng	98
18) Hexachloroethane	9.005	117	67063	45.603	ng	97
19) n-Nitroso-di-n-propyla...	8.729	70	146507	35.983	ng	97
20) 3+4-Methylphenols	8.694	107	237874	38.949	ng	100
22) Acetophenone	8.747	105	288125	40.355	ng	99
24) Nitrobenzene	9.129	77	217839	41.459	ng	100
25) Isophorone	9.646	82	415940	36.801	ng	99
26) 2-Nitrophenol	9.840	139	98073	45.807	ng	97
27) 2,4-Dimethylphenol	9.898	122	179416	43.463	ng	100
28) bis(2-Chloroethoxy)met...	10.133	93	243728	40.128	ng	99
29) 2,4-Dichlorophenol	10.374	162	179686	44.385	ng	97
30) 1,2,4-Trichlorobenzene	10.586	180	202234	46.402	ng	99
31) Naphthalene	10.780	128	579068	42.286	ng	98
32) Benzoic acid	10.039	122	127072	39.358	ng	97
33) 4-Chloroaniline	10.885	127	158656	24.625	ng	98
34) Hexachlorobutadiene	11.056	225	123719	46.024	ng	96
35) Caprolactam	11.679	113	58141m	33.139	ng	
36) 4-Chloro-3-methylphenol	12.013	107	203630	37.887	ng	98
37) 2-Methylnaphthalene	12.384	142	390726	38.706	ng	99
38) 1-Methylnaphthalene	12.607	142	368131	38.594	ng	100
40) 1,2,4,5-Tetrachloroben...	12.754	216	219387	49.253	ng	100
41) Hexachlorocyclopentadiene	12.730	237	70775	29.557	ng	96
43) 2,4,6-Trichlorophenol	12.989	196	154262	46.982	ng	98

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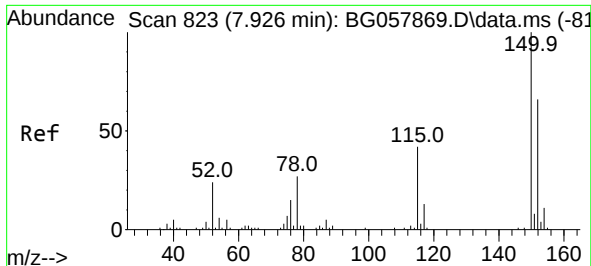
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jun 28 01:12:33 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.065	196	166831	42.690	ng	98
46) 1,1'-Biphenyl	13.394	154	489920	45.177	ng	99
47) 2-Chloronaphthalene	13.435	162	389128	46.724	ng	98
48) 2-Nitroaniline	13.641	65	140380	42.304	ng	93
49) Acenaphthylene	14.281	152	614427	42.068	ng	100
50) Dimethylphthalate	14.017	163	483017	38.277	ng	99
51) 2,6-Dinitrotoluene	14.135	165	104892	40.034	ng	98
52) Acenaphthene	14.622	154	368658	43.208	ng	99
53) 3-Nitroaniline	14.464	138	99883	33.534	ng	98
54) 2,4-Dinitrophenol	14.669	184	18454	12.749	ng	92
55) Dibenzofuran	14.957	168	602539	41.172	ng	98
56) 4-Nitrophenol	14.781	139	188837	77.328	ng	98
57) 2,4-Dinitrotoluene	14.922	165	142401	37.456	ng	98
58) Fluorene	15.609	166	466212	39.470	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.180	232	140946	39.786	ng	99
60) Diethylphthalate	15.374	149	476325	35.809	ng	99
61) 4-Chlorophenyl-phenyle...	15.598	204	248425	39.211	ng	98
62) 4-Nitroaniline	15.627	138	108360	34.682	ng	99
63) Azobenzene	15.891	77	495963	38.990	ng	99
65) 4,6-Dinitro-2-methylph...	15.680	198	15825	8.665	ng	98
66) n-Nitrosodiphenylamine	15.815	169	397093	45.848	ng	100
67) 4-Bromophenyl-phenylether	16.491	248	162468	45.350	ng	99
68) Hexachlorobenzene	16.608	284	179139	47.352	ng	98
69) Atrazine	16.761	200	155828	48.446	ng	99
70) Pentachlorophenol	16.955	266	237045	81.934	ng	98
71) Phenanthrene	17.348	178	999234	61.335	ng	99
72) Anthracene	17.437	178	789124	46.965	ng	99
73) Carbazole	17.707	167	696461	43.594	ng	100
74) Di-n-butylphthalate	18.265	149	796944	40.360	ng	100
75) Fluoranthene	19.358	202	1126059	54.866	ng	97
77) Benzidine	19.540	184	528118	81.834	ng	99
78) Pyrene	19.722	202	1098193	55.912	ng	99
80) Butylbenzylphthalate	20.603	149	346195	43.466	ng	98
81) Benzo(a)anthracene	21.544	228	957740	50.312	ng	99
82) 3,3'-Dichlorobenzidine	21.461	252	284394	41.986	ng	100
83) Chrysene	21.608	228	888881	49.331	ng	99
84) Bis(2-ethylhexyl)phtha...	21.449	149	492974	43.595	ng	99
85) Di-n-octyl phthalate	22.636	149	884866	44.344	ng	98
87) Indeno(1,2,3-cd)pyrene	28.312	276	604778	28.308	ng	# 93
88) Benzo(b)fluoranthene	23.717	252	832378	47.322	ng	100
89) Benzo(k)fluoranthene	23.782	252	908481	51.103	ng	99
90) Benzo(a)pyrene	24.569	252	766338	43.981	ng	99
91) Dibenzo(a,h)anthracene	28.371	278	523184	29.522	ng	100
92) Benzo(g,h,i)perylene	29.428	276	420845m	23.895	ng	

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



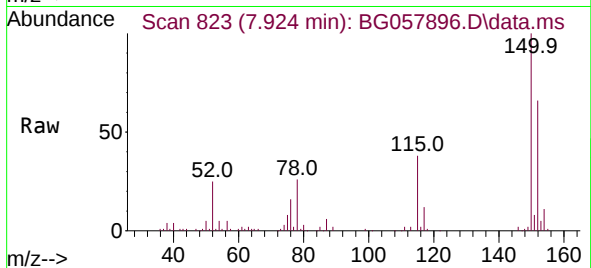
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.924 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG057896.D
Acq: 28 Jun 2023 17:17

Instrument :

BNA_G

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ESI-TP1MSD

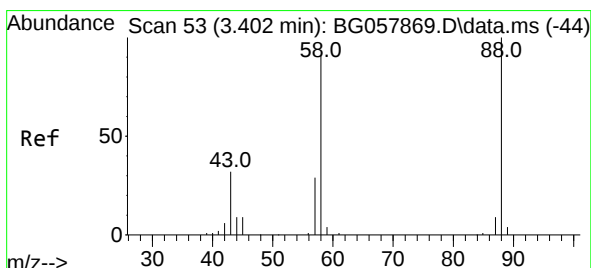
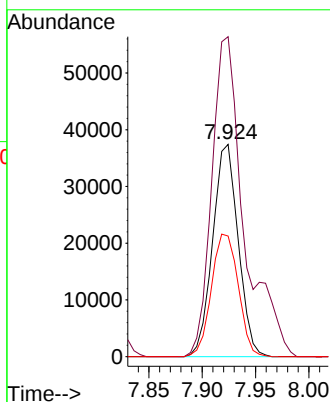
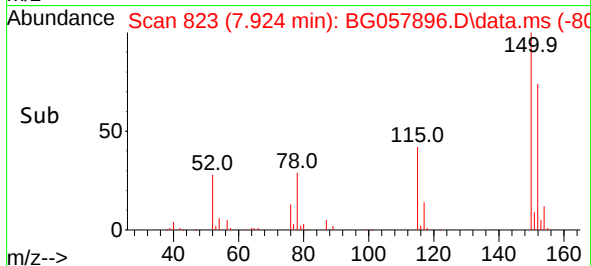


Tgt Ion:152 Resp: 6225
Ion Ratio Lower Upper
152 100
150 150.7 122.0 183.0
115 56.8 50.7 76.1

Manual Integrations

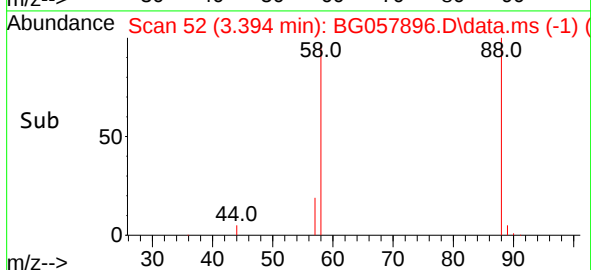
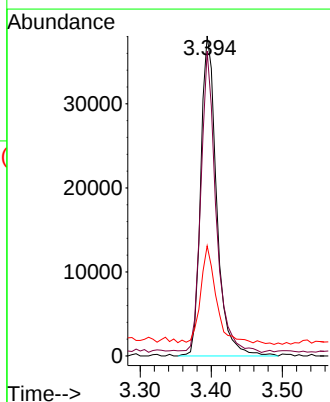
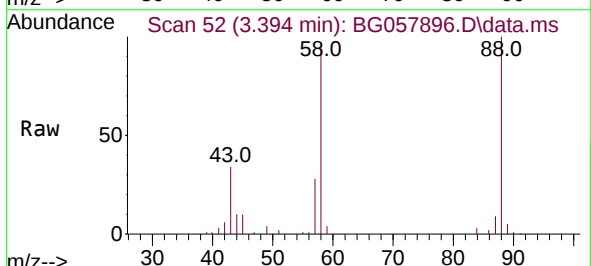
APPROVED

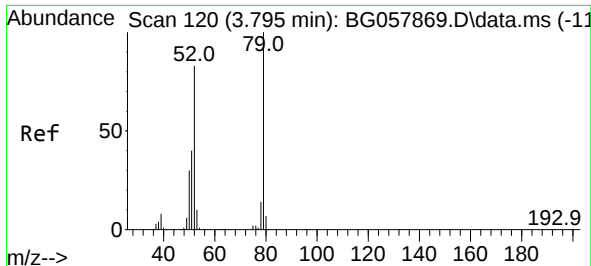
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#2
1,4-Dioxane
Concen: 31.897 ng
RT: 3.394 min Scan# 52
Delta R.T. -0.007 min
Lab File: BG057896.D
Acq: 28 Jun 2023 17:17

Tgt Ion: 88 Resp: 59491
Ion Ratio Lower Upper
88 100
58 89.4 70.7 106.1
43 28.8 22.9 34.3





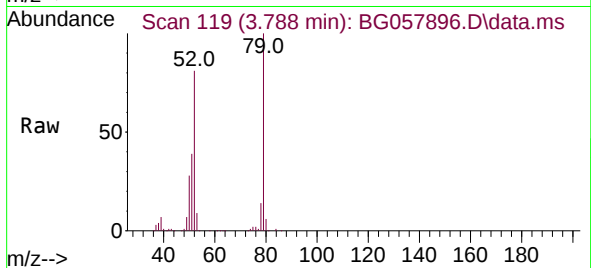
#3
Pyridine
Concen: 30.987 ng
RT: 3.788 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG057896.D
Acq: 28 Jun 2023 17:17

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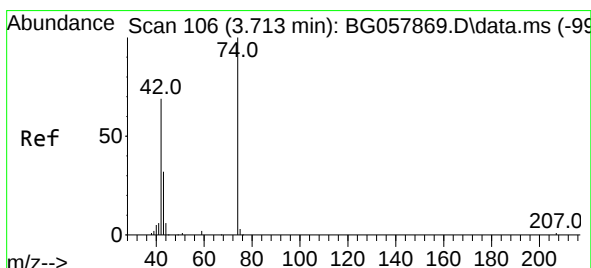
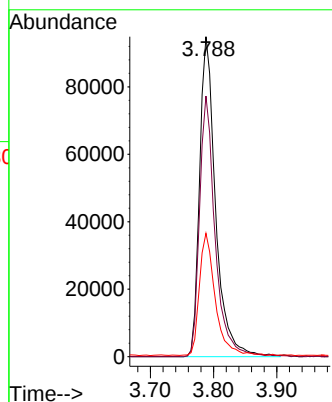
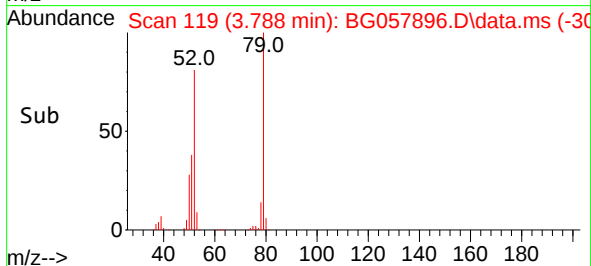


Tgt Ion: 79 Resp: 166770
Ion Ratio Lower Upper
79 100
52 81.5 66.6 99.8
51 38.6 32.2 48.2

Manual Integrations

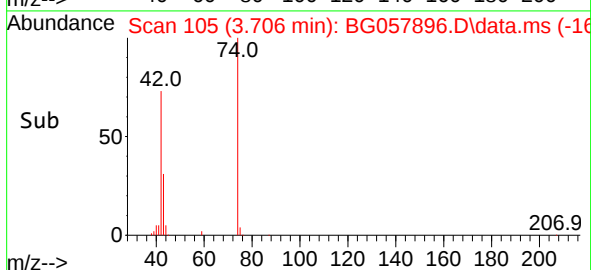
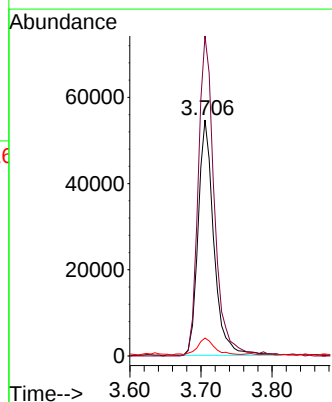
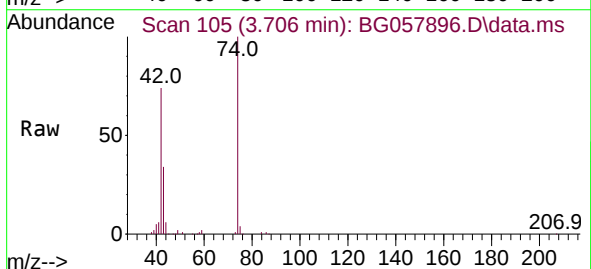
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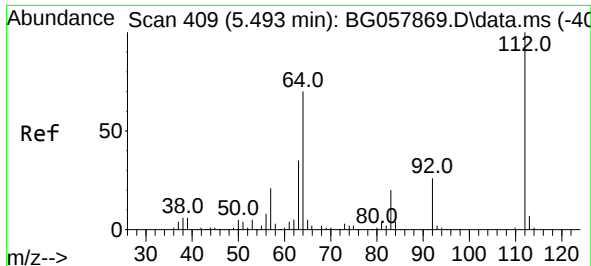
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#4
n-Nitrosodimethylamine
Concen: 37.827 ng
RT: 3.706 min Scan# 105
Delta R.T. -0.007 min
Lab File: BG057896.D
Acq: 28 Jun 2023 17:17

Tgt Ion: 42 Resp: 83915
Ion Ratio Lower Upper
42 100
74 135.6 116.2 174.2
44 7.6 7.3 10.9





#5
2-Fluorophenol
Concen: 106.962 ng
RT: 5.498 min Scan# 410
Delta R.T. 0.004 min
Lab File: BG057896.D
Acq: 28 Jun 2023 17:17

Instrument :

BNA_G

ClientSampleId :

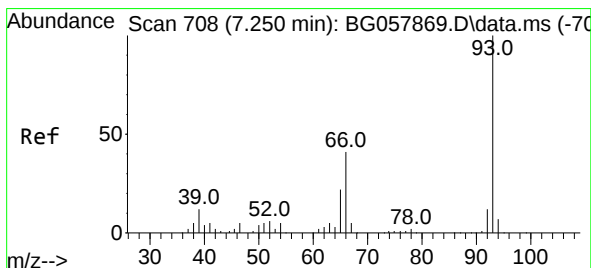
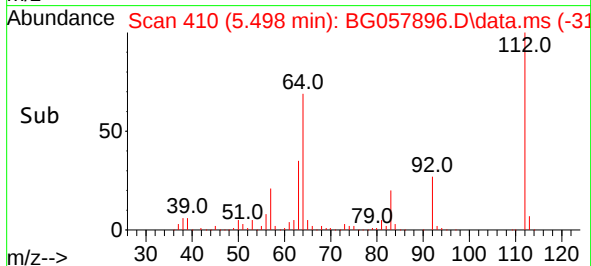
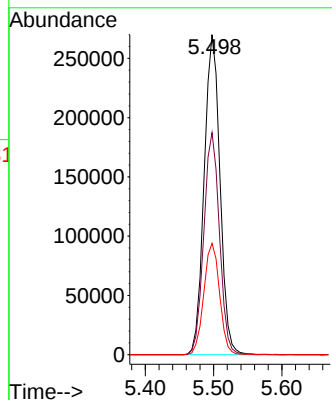
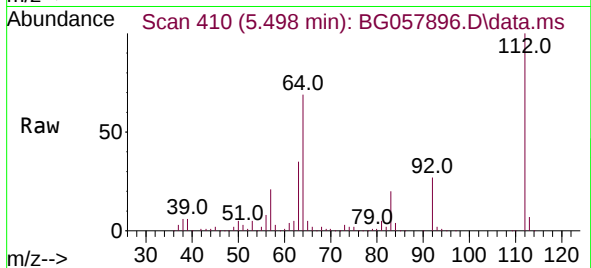
ESI-TP1MSD

Tgt Ion:112 Resp: 435238
Ion Ratio Lower Upper
112 100
64 69.4 55.8 83.6
63 34.8 27.9 41.9

Manual Integrations

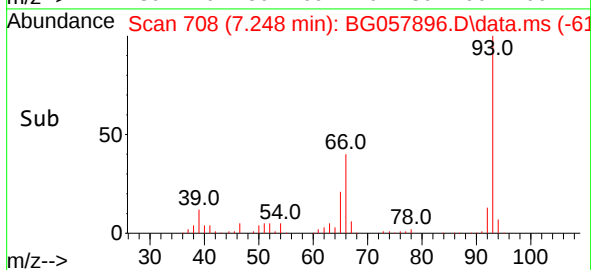
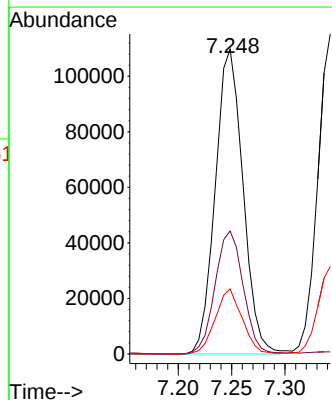
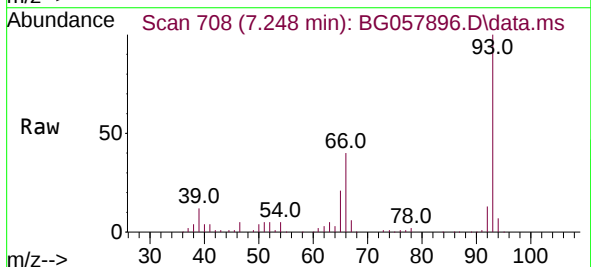
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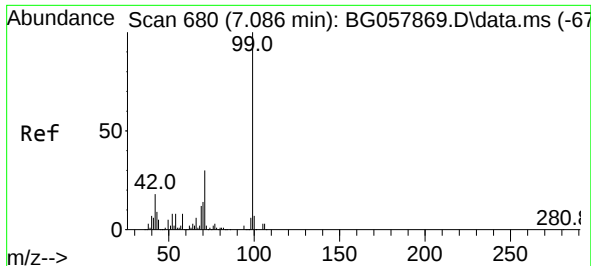
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#6
Aniline
Concen: 26.075 ng
RT: 7.248 min Scan# 708
Delta R.T. -0.002 min
Lab File: BG057896.D
Acq: 28 Jun 2023 17:17

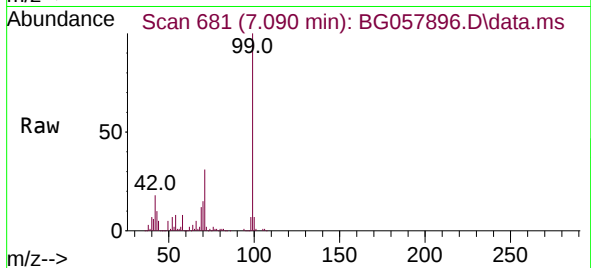
Tgt Ion: 93 Resp: 198207
Ion Ratio Lower Upper
93 100
66 40.3 32.8 49.2
65 21.4 17.7 26.5





#7
Phenol-d6
Concen: 98.146 ng
RT: 7.090 min Scan# 681
Delta R.T. 0.004 min
Lab File: BG057896.D
Acq: 28 Jun 2023 17:17

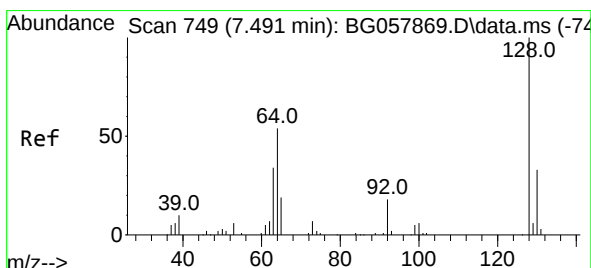
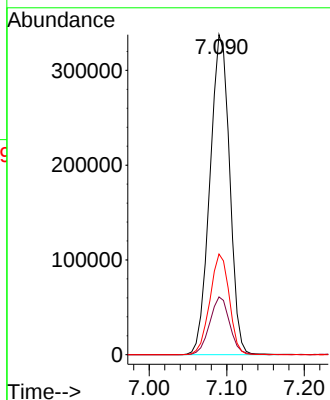
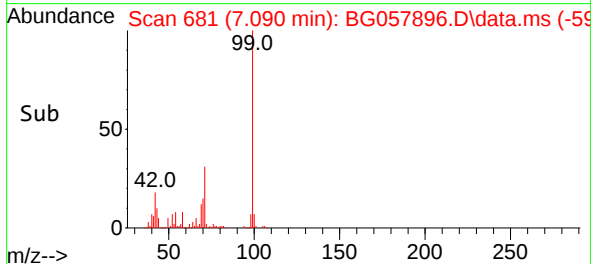
Instrument :
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ClientSampleId :
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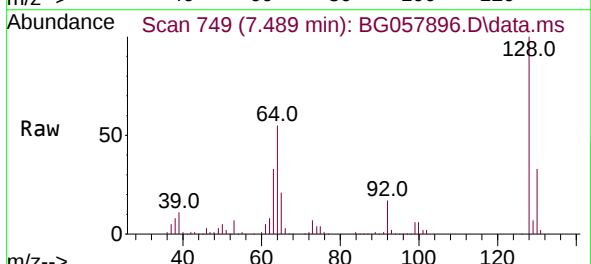
Tgt Ion: 99 Resp: 59719
Ion Ratio Lower Upper
99 100
42 18.1 14.2 21.4
71 31.4 23.9 35.9

Manual Integrations
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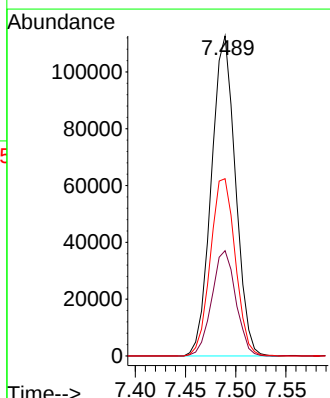
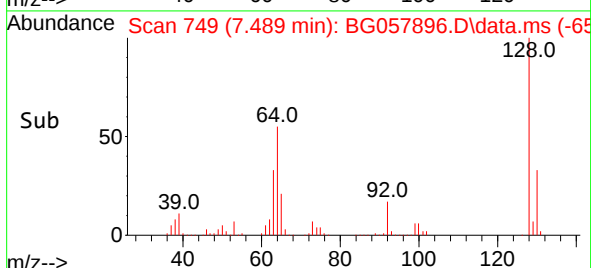
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

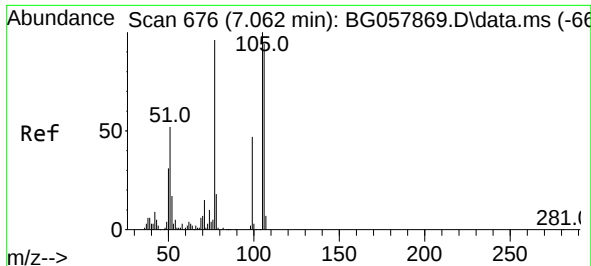


#8
2-Chlorophenol
Concen: 46.011 ng
RT: 7.489 min Scan# 749
Delta R.T. -0.002 min
Lab File: BG057896.D
Acq: 28 Jun 2023 17:17



Tgt Ion:128 Resp: 187946
Ion Ratio Lower Upper
128 100
130 32.9 12.9 52.9
64 55.4 37.1 77.1





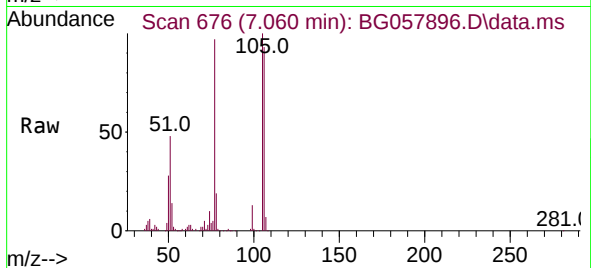
#9
Benzaldehyde
Concen: 52.101 ng m
RT: 7.060 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG057896.D
Acq: 28 Jun 2023 17:17

Instrument :

BNA_G

ClientSampleId :

ESI-TP1MSD

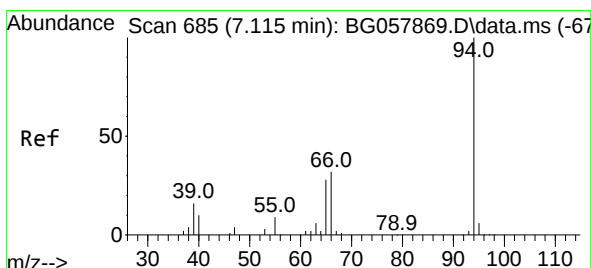
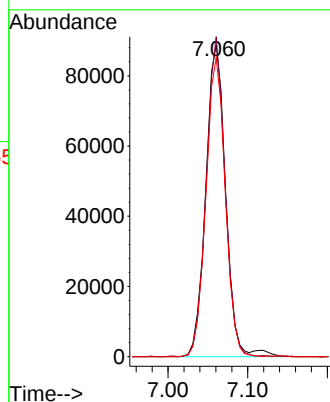
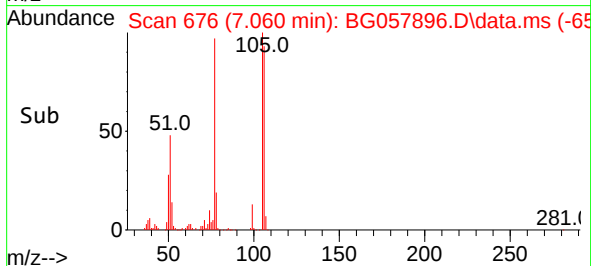


Tgt Ion: 77 Resp: 154314
Ion Ratio Lower Upper
77 100
105 102.7 83.7 123.7
106 95.9 77.4 117.4

Manual Integrations

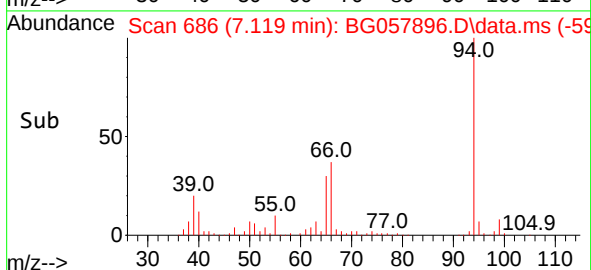
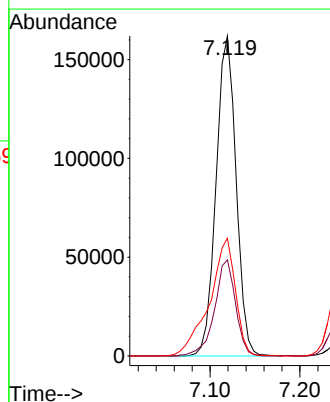
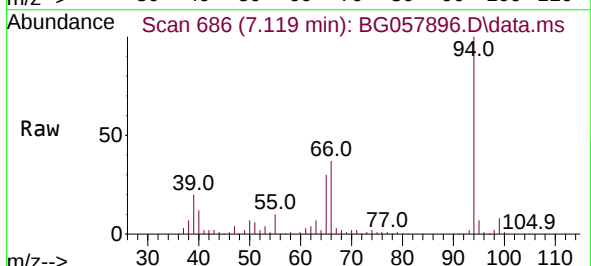
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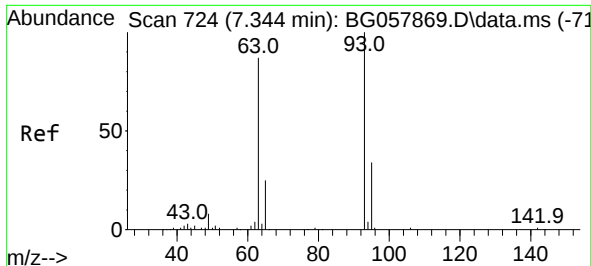
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#10
Phenol
Concen: 42.400 ng
RT: 7.119 min Scan# 686
Delta R.T. 0.004 min
Lab File: BG057896.D
Acq: 28 Jun 2023 17:17

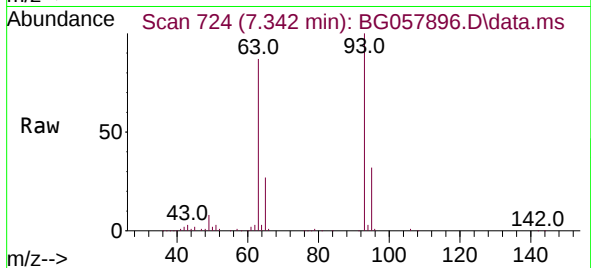
Tgt Ion: 94 Resp: 250705
Ion Ratio Lower Upper
94 100
65 30.0 7.8 47.8
66 36.8 13.6 53.6





#11
bis(2-Chloroethyl)ether
Concen: 40.530 ng
RT: 7.342 min Scan# 71
Delta R.T. -0.002 min
Lab File: BG057896.D
Acq: 28 Jun 2023 17:17

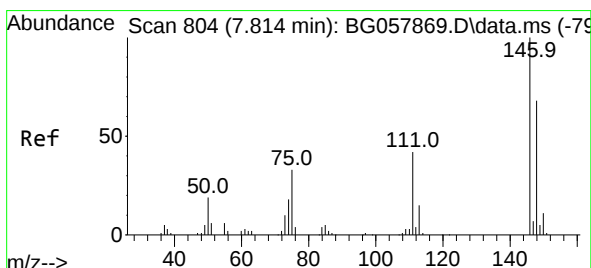
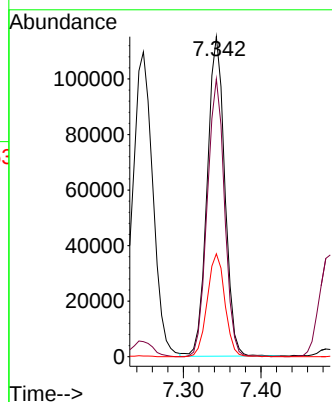
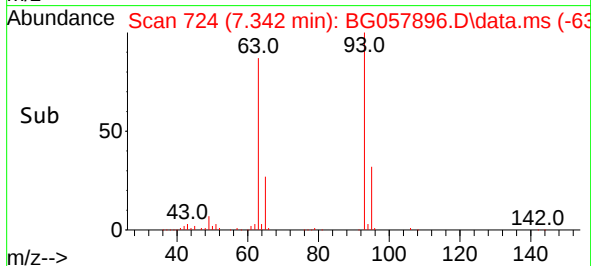
Instrument :
BNA_G
ClientSampleId :
ESII-TP1MSD



Tgt Ion: 93 Resp: 180672
Ion Ratio Lower Upper
93 100
63 86.8 66.9 106.9
95 32.1 13.6 53.6

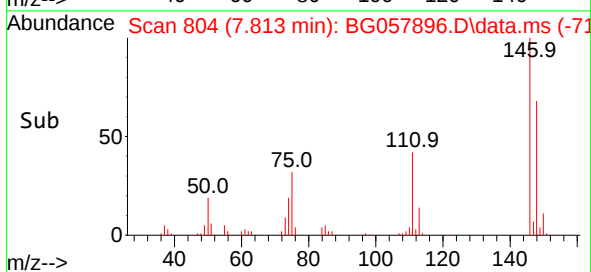
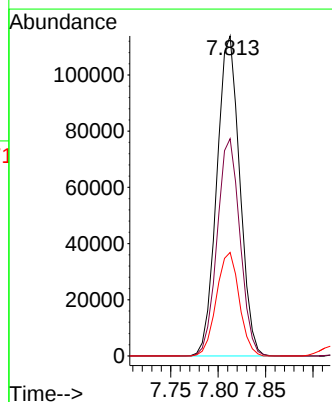
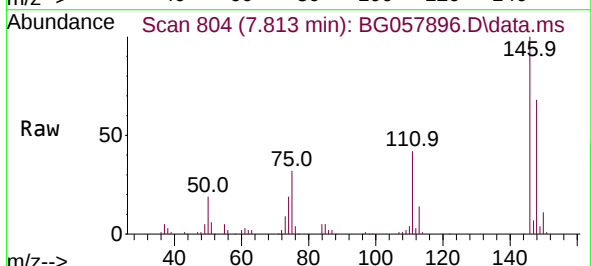
Manual Integrations
APPROVED

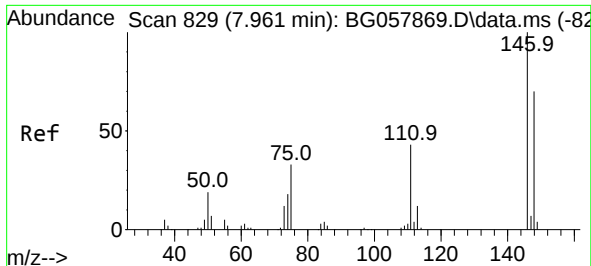
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#12
1,3-Dichlorobenzene
Concen: 45.571 ng
RT: 7.813 min Scan# 804
Delta R.T. -0.002 min
Lab File: BG057896.D
Acq: 28 Jun 2023 17:17

Tgt Ion:146 Resp: 191471
Ion Ratio Lower Upper
146 100
148 67.9 54.5 81.7
75 32.4 26.6 40.0





#13

1,4-Dichlorobenzene

Concen: 45.908 ng

RT: 7.959 min Scan# 81

Delta R.T. -0.002 min

Lab File: BG057896.D

Acq: 28 Jun 2023 17:17

Instrument :

BNA_G

ClientSampleId :

ESI-TP1MSD

Tgt Ion:146 Resp: 193740

Ion Ratio Lower Upper

146 100

148 66.6 55.7 83.5

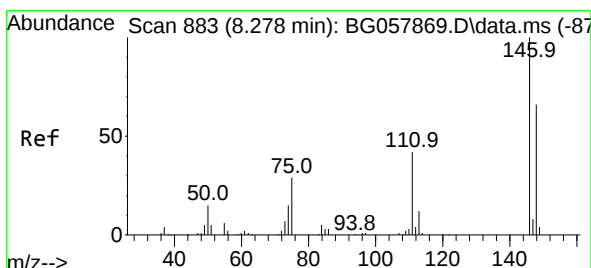
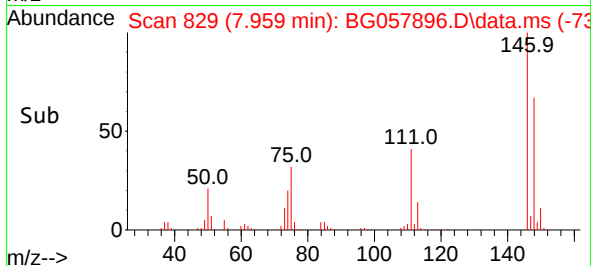
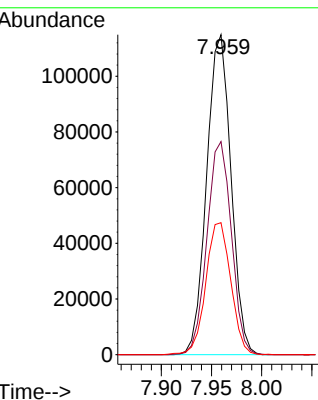
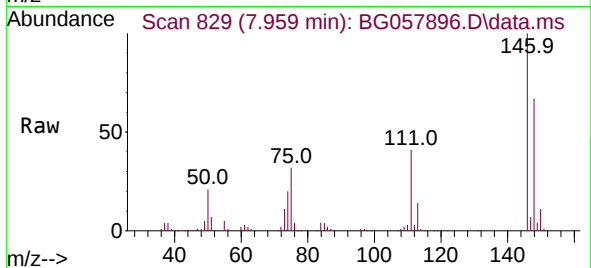
111 41.3 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2023

Supervised By :mohammad ahmed 06/29/2023



#14

1,2-Dichlorobenzene

Concen: 46.324 ng

RT: 8.277 min Scan# 883

Delta R.T. -0.002 min

Lab File: BG057896.D

Acq: 28 Jun 2023 17:17

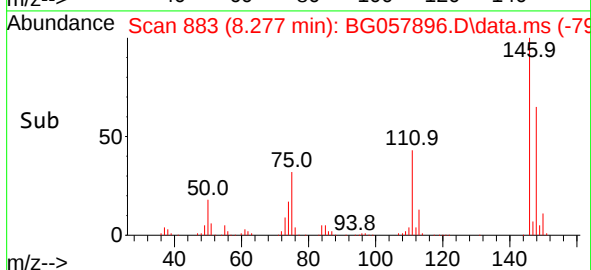
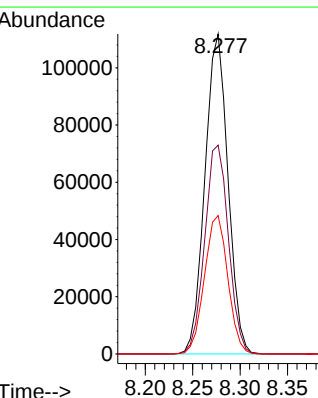
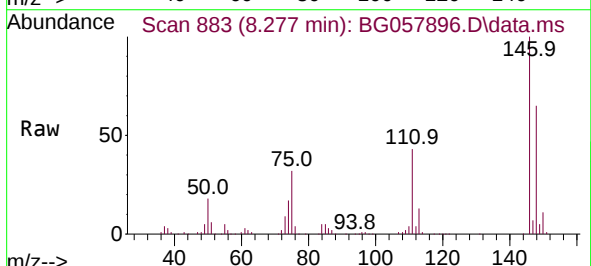
Tgt Ion:146 Resp: 189194

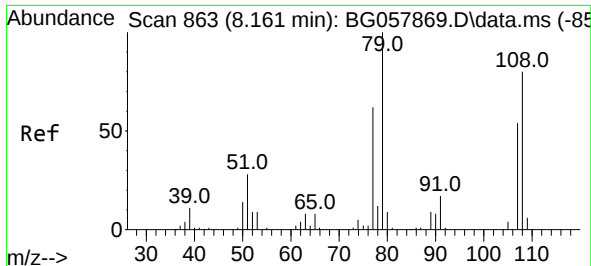
Ion Ratio Lower Upper

146 100

148 65.2 53.0 79.6

111 43.3 34.3 51.5





#15
Benzyl Alcohol
Concen: 39.572 ng
RT: 8.159 min Scan# 80
Delta R.T. -0.002 min
Lab File: BG057896.D
Acq: 28 Jun 2023 17:17

Instrument :

BNA_G

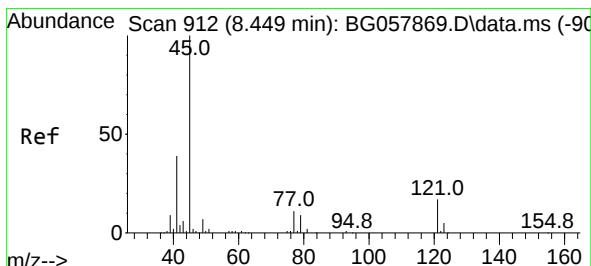
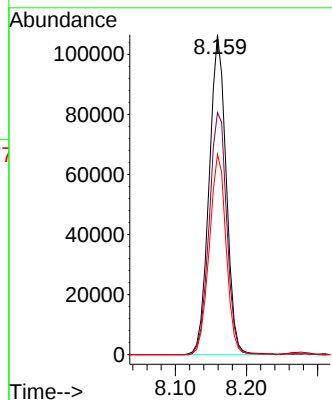
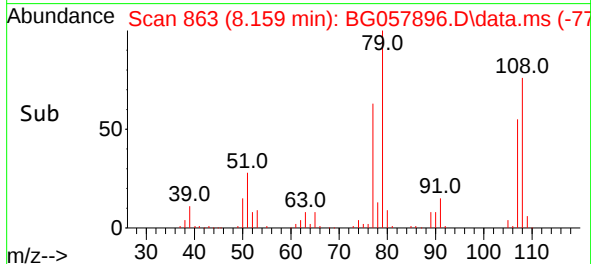
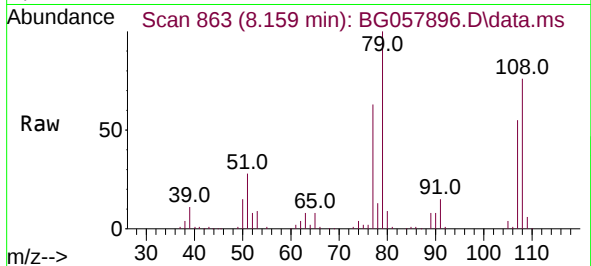
ClientSampleId :

ESI-TP1MSD

Tgt Ion: 79 Resp: 177404
Ion Ratio Lower Upper
79 100
108 75.7 64.0 96.0
77 62.6 49.6 74.4

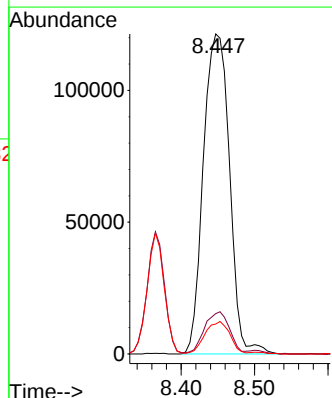
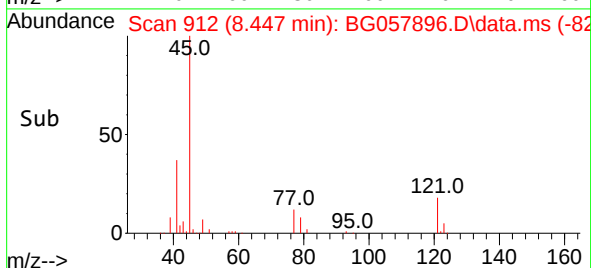
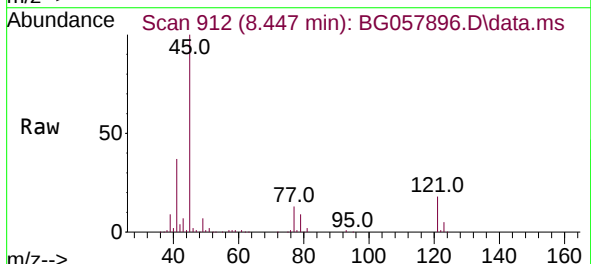
Manual Integrations
APPROVED

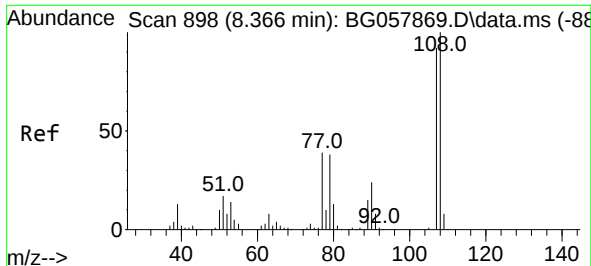
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.478 ng m
RT: 8.447 min Scan# 912
Delta R.T. -0.002 min
Lab File: BG057896.D
Acq: 28 Jun 2023 17:17

Tgt Ion: 45 Resp: 300463
Ion Ratio Lower Upper
45 100
77 12.6 0.0 32.1
79 9.3 0.0 29.8





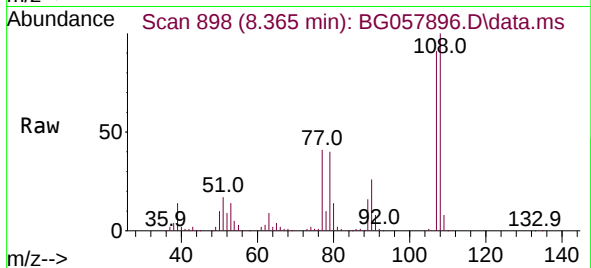
#17
2-Methylphenol
Concen: 39.303 ng
RT: 8.365 min Scan# 898
Delta R.T. -0.002 min
Lab File: BG057896.D
Acq: 28 Jun 2023 17:17

Instrument :

BNA_G

ClientSampleId :

ESI-TP1MSD

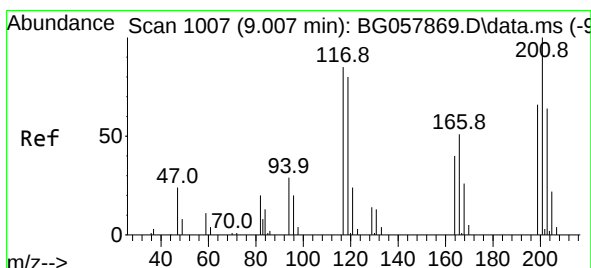
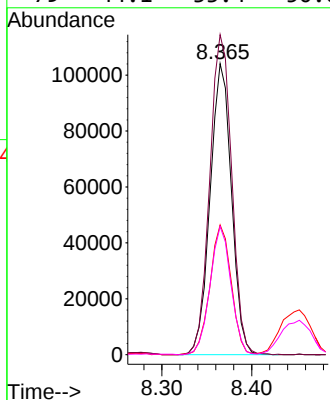
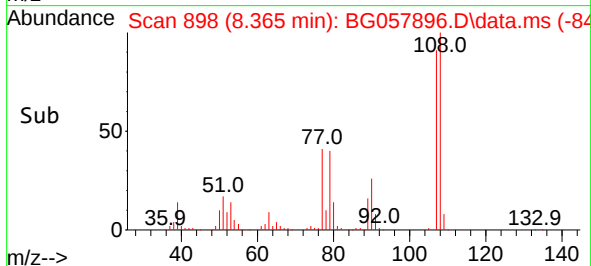


Tgt Ion:107 Resp: 17228
Ion Ratio Lower Upper
107 100
108 110.0 87.2 130.8
77 44.6 34.2 51.4
79 44.1 33.4 50.0

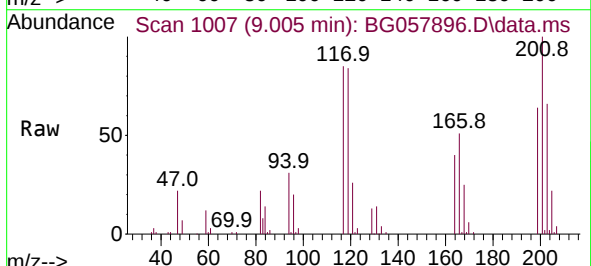
Manual Integrations

APPROVED

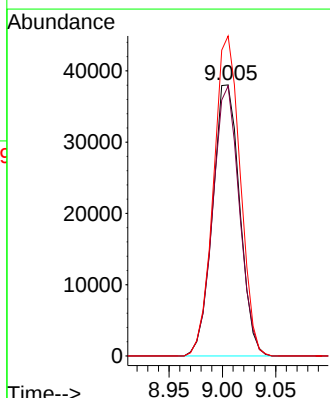
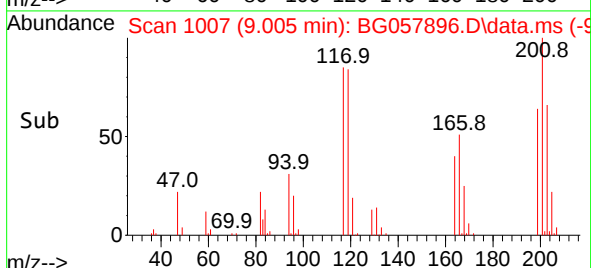
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

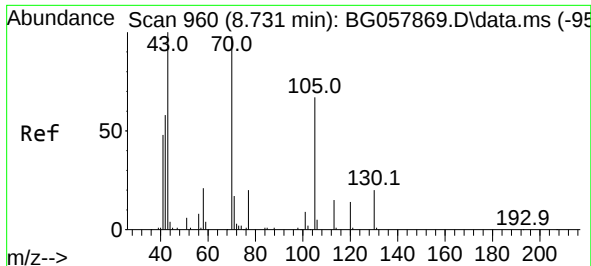


#18
Hexachloroethane
Concen: 45.603 ng
RT: 9.005 min Scan# 1007
Delta R.T. -0.002 min
Lab File: BG057896.D
Acq: 28 Jun 2023 17:17



Tgt Ion:117 Resp: 67063
Ion Ratio Lower Upper
117 100
119 99.6 74.7 112.1
201 118.1 93.9 140.9





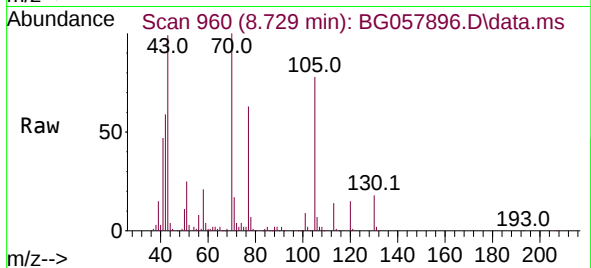
#19
n-Nitroso-di-n-propylamine
Concen: 35.983 ng
RT: 8.729 min Scan# 960
Delta R.T. -0.002 min
Lab File: BG057896.D
Acq: 28 Jun 2023 17:17

Instrument :

BNA_G

ClientSampleId :

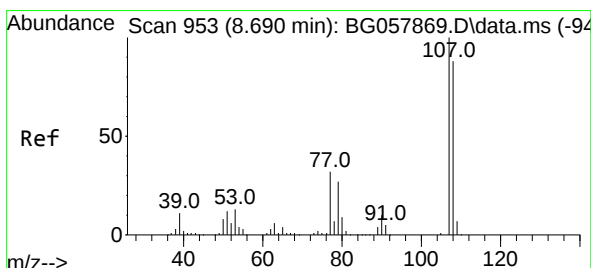
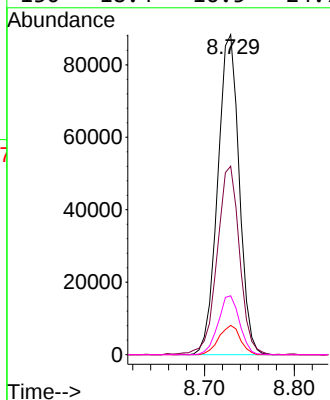
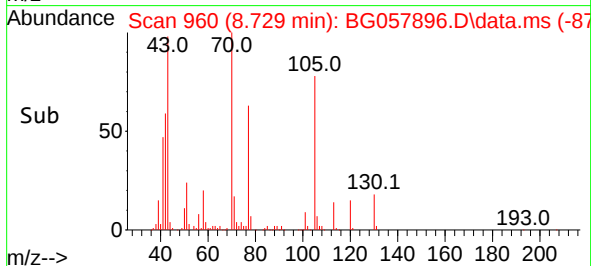
ESI-TP1MSD



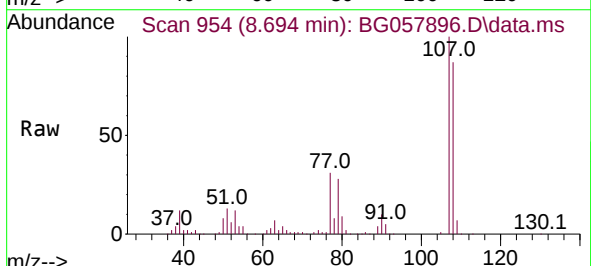
Tgt Ion: 70 Resp: 14650
Ion Ratio Lower Upper
70 100
42 58.9 48.4 72.6
101 9.1 7.2 10.8
130 18.4 16.5 24.7

Manual Integrations
APPROVED

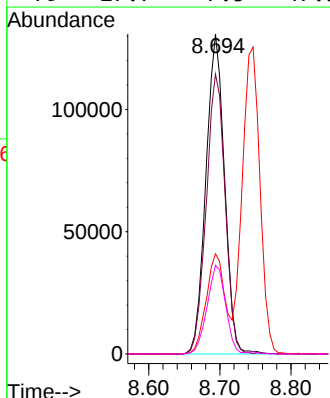
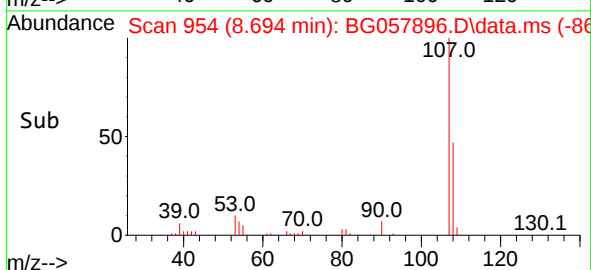
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

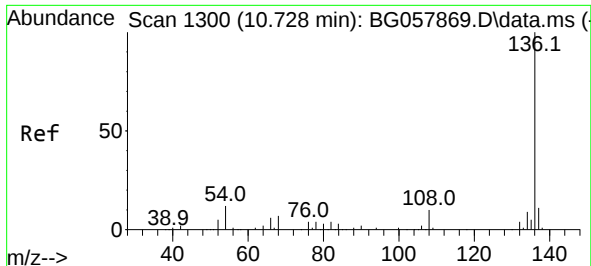


#20
3+4-Methylphenols
Concen: 38.949 ng
RT: 8.694 min Scan# 954
Delta R.T. 0.004 min
Lab File: BG057896.D
Acq: 28 Jun 2023 17:17



Tgt Ion:107 Resp: 237874
Ion Ratio Lower Upper
107 100
108 87.5 67.7 107.7
77 31.3 11.8 51.8
79 27.7 7.5 47.5





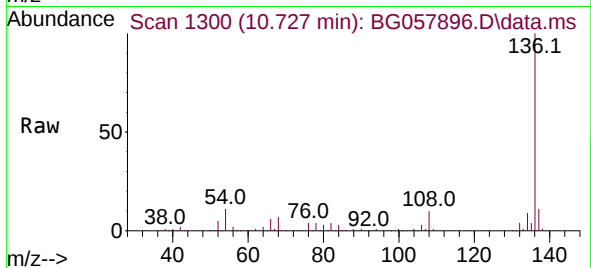
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.727 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG057896.D
Acq: 28 Jun 2023 17:17

Instrument :

BNA_G

ClientSampleId :

ESI-TP1MSD

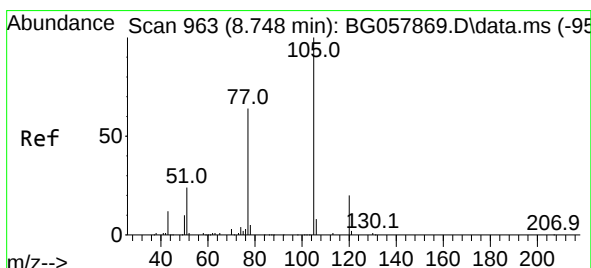
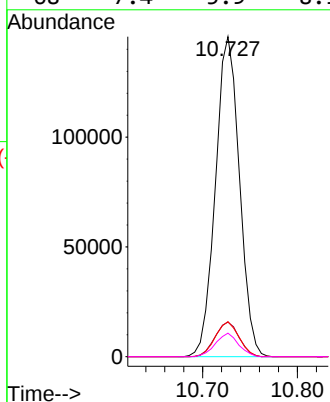
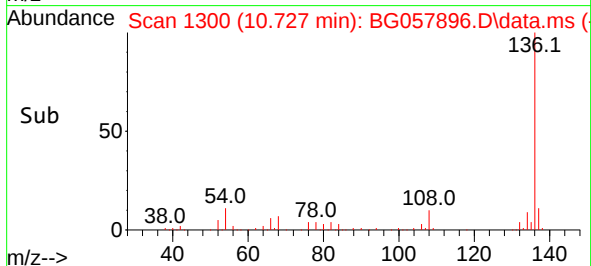


Tgt Ion:136 Resp: 25654
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 11.0 9.3 13.9
68 7.4 5.9 8.9

Manual Integrations

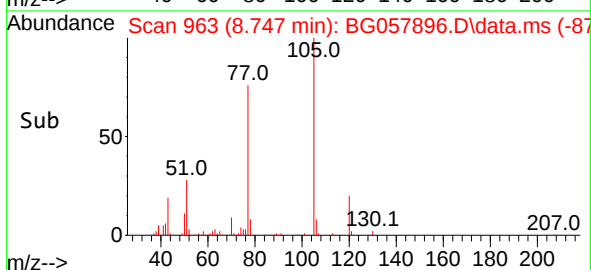
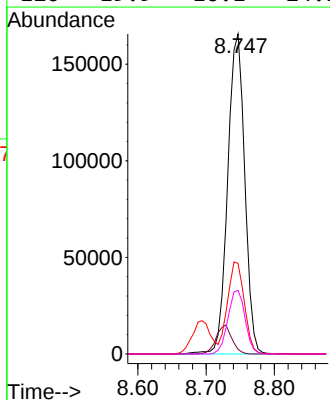
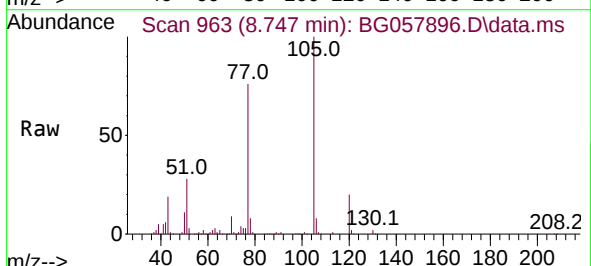
APPROVED

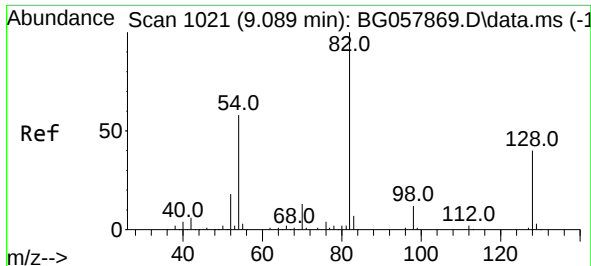
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#22
Acetophenone
Concen: 40.355 ng
RT: 8.747 min Scan# 963
Delta R.T. -0.002 min
Lab File: BG057896.D
Acq: 28 Jun 2023 17:17

Tgt Ion:105 Resp: 288125
Ion Ratio Lower Upper
105 100
71 1.4 1.1 1.7
51 28.3 23.0 34.6
120 19.9 16.1 24.1





#23

Nitrobenzene-d5

Concen: 68.385 ng

RT: 9.088 min Scan# 1021

Delta R.T. -0.002 min

Lab File: BG057896.D

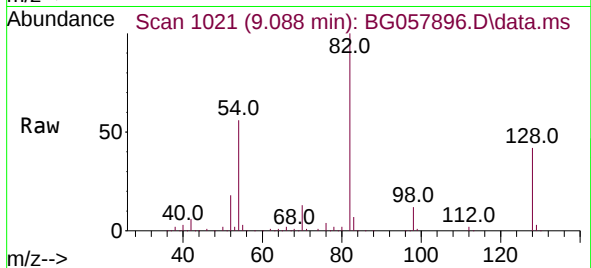
Acq: 28 Jun 2023 17:17

Instrument :

BNA_G

ClientSampleId :

ESI-TP1MSD



Tgt Ion: 82 Resp: 357974

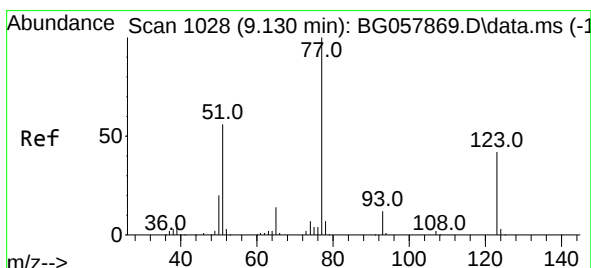
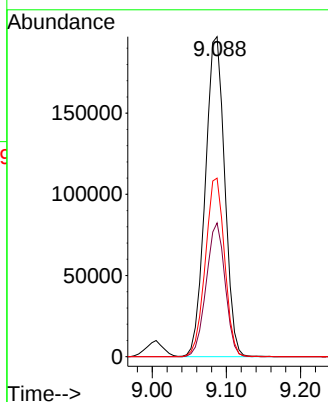
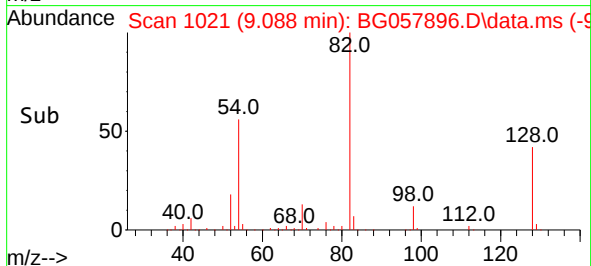
Ion	Ratio	Lower	Upper
82	100		
128	41.8	32.2	48.4
54	55.8	46.1	69.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2023

Supervised By :mohammad ahmed 06/29/2023



#24

Nitrobenzene

Concen: 41.459 ng

RT: 9.129 min Scan# 1028

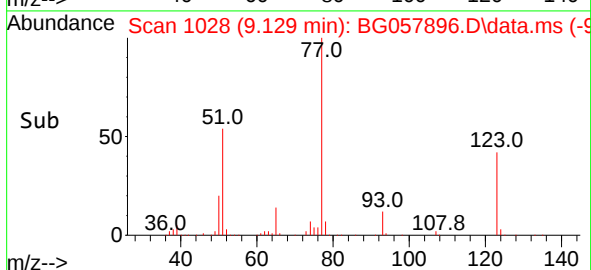
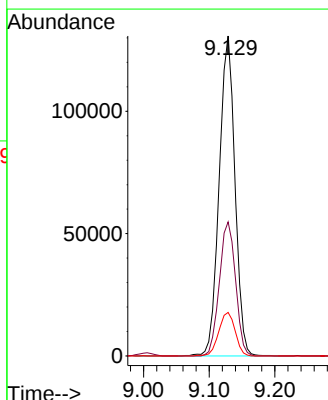
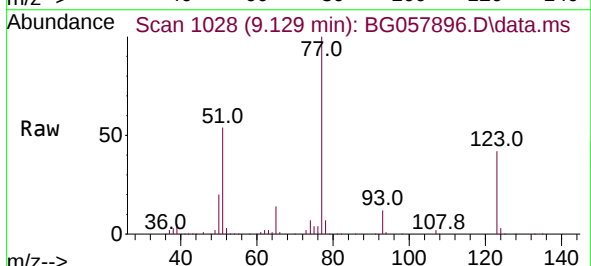
Delta R.T. -0.002 min

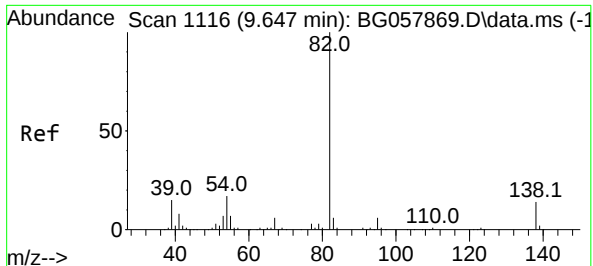
Lab File: BG057896.D

Acq: 28 Jun 2023 17:17

Tgt Ion: 77 Resp: 217839

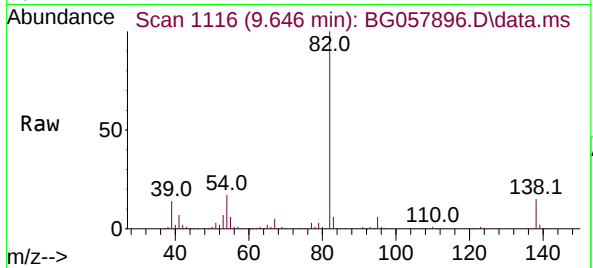
Ion	Ratio	Lower	Upper
77	100		
123	41.9	33.6	50.4
65	13.6	11.4	17.0





#25
Isophorone
Concen: 36.801 ng
RT: 9.646 min Scan# 1116
Delta R.T. -0.002 min
Lab File: BG057896.D
Acq: 28 Jun 2023 17:17

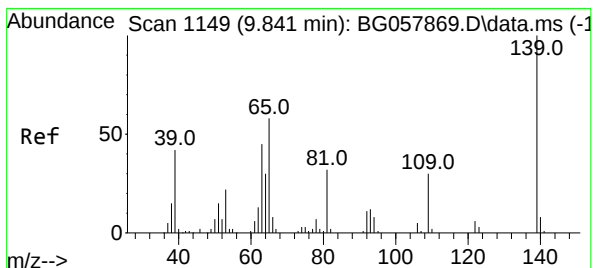
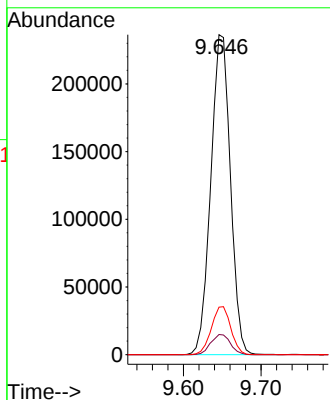
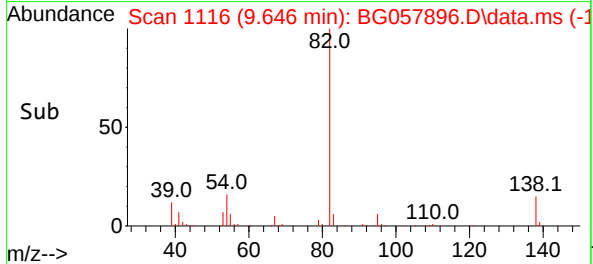
Instrument :
BNA_G
ClientSampleId :
ESII-TP1MSD



Tgt Ion: 82 Resp: 415940
Ion Ratio Lower Upper
82 100
95 6.3 5.0 7.6
138 14.8 11.3 16.9

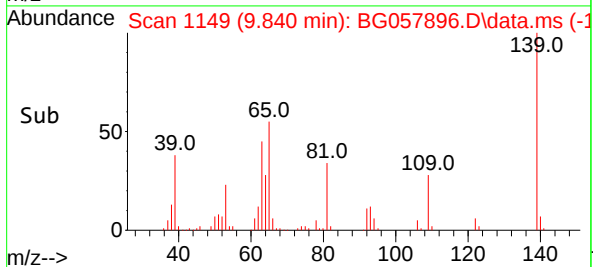
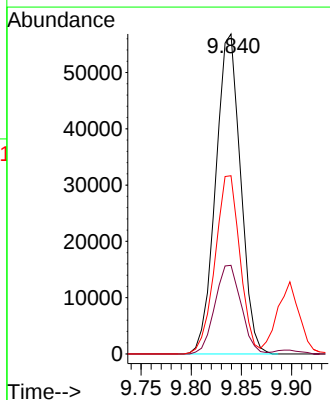
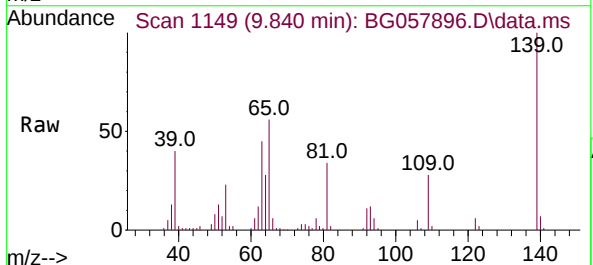
Manual Integrations
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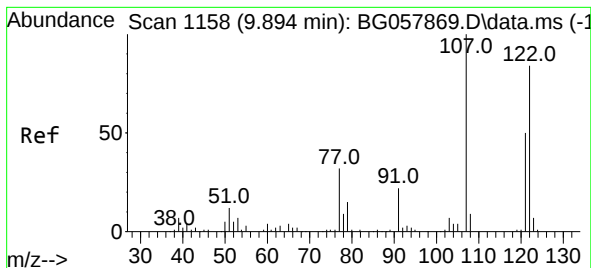
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#26
2-Nitrophenol
Concen: 45.807 ng
RT: 9.840 min Scan# 1149
Delta R.T. -0.002 min
Lab File: BG057896.D
Acq: 28 Jun 2023 17:17

Tgt Ion:139 Resp: 98073
Ion Ratio Lower Upper
139 100
109 27.7 23.7 35.5
65 55.7 46.6 69.8





#27

2,4-Dimethylphenol

Concen: 43.463 ng

RT: 9.898 min Scan# 1158

Delta R.T. 0.004 min

Lab File: BG057896.D

Acq: 28 Jun 2023 17:17

Instrument :

BNA_G

ClientSampleId :

ESI-TP1MSD

Tgt Ion:122 Resp: 179410

Ion Ratio Lower Upper

122 100

107 118.6 94.9 142.3

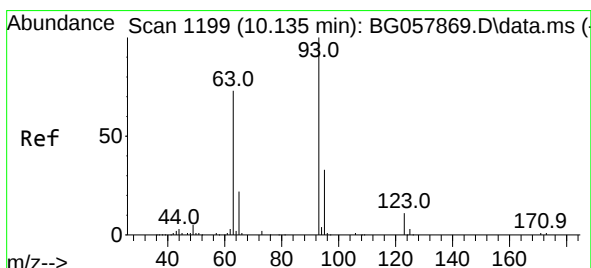
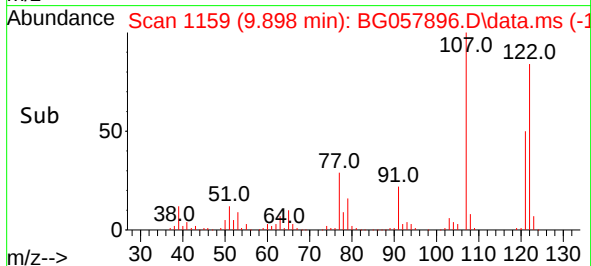
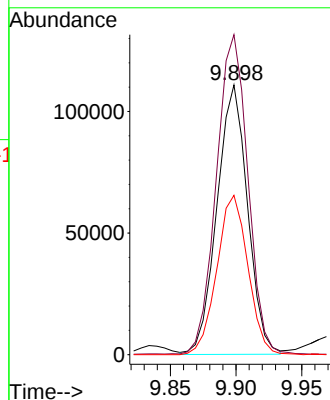
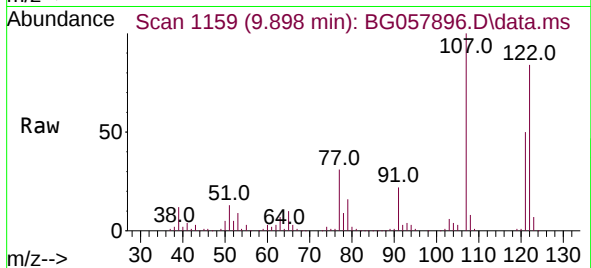
121 59.1 46.8 70.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2023

Supervised By :mohammad ahmed 06/29/2023



#28

bis(2-Chloroethoxy)methane

Concen: 40.128 ng

RT: 10.133 min Scan# 1199

Delta R.T. -0.002 min

Lab File: BG057896.D

Acq: 28 Jun 2023 17:17

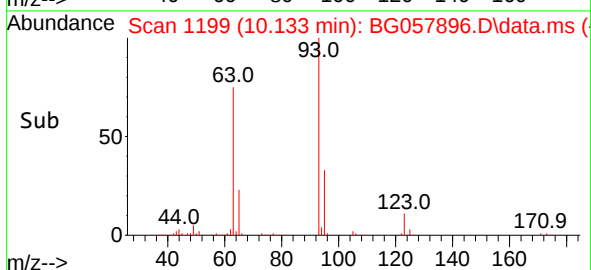
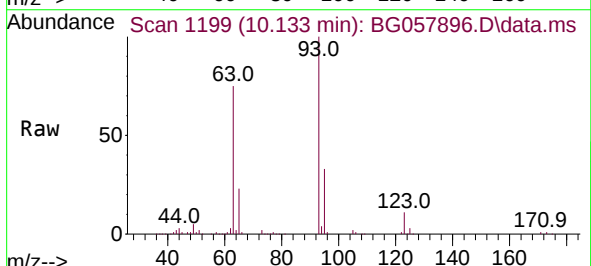
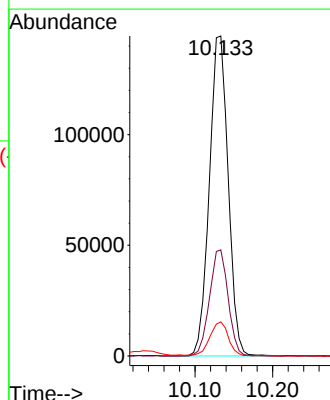
Tgt Ion: 93 Resp: 243728

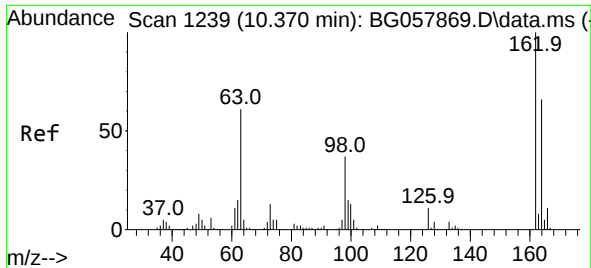
Ion Ratio Lower Upper

93 100

95 33.1 26.0 39.0

123 10.6 8.5 12.7





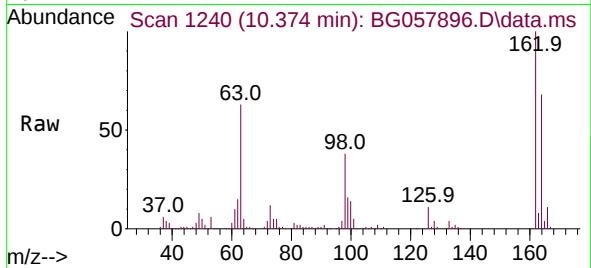
#29
2,4-Dichlorophenol
Concen: 44.385 ng
RT: 10.374 min Scan# 1239
Delta R.T. 0.004 min
Lab File: BG057896.D
Acq: 28 Jun 2023 17:17

Instrument :

BNA_G

ClientSampleId :

ESI-TP1MSD

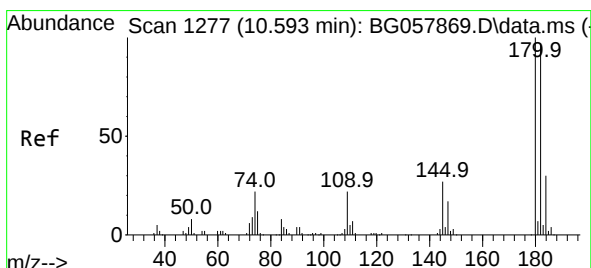
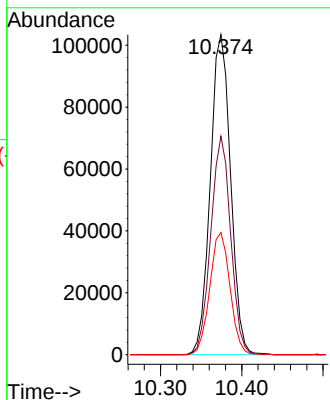
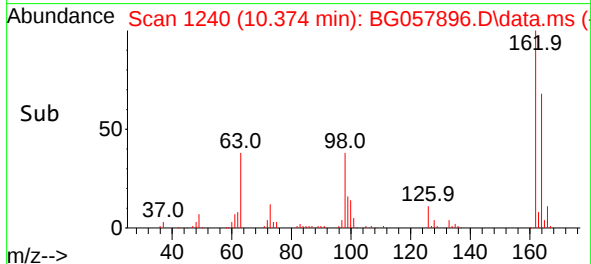


Tgt Ion:162 Resp: 179680
Ion Ratio Lower Upper
162 100
164 68.3 46.1 86.1
98 38.1 16.8 56.8

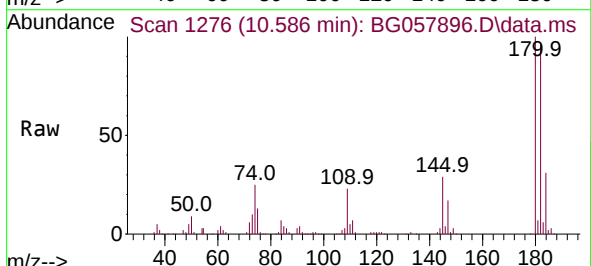
Manual Integrations

APPROVED

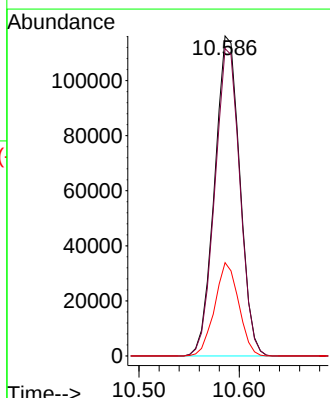
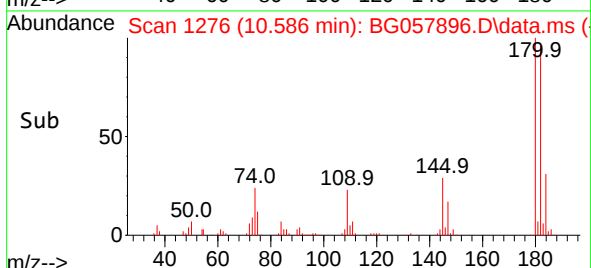
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

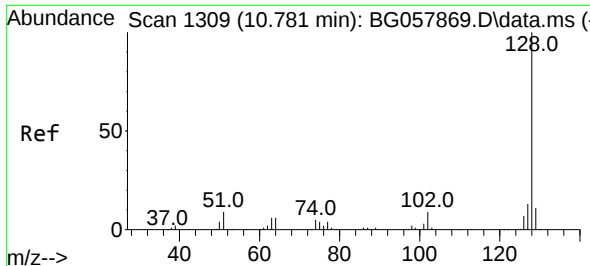


#30
1,2,4-Trichlorobenzene
Concen: 46.402 ng
RT: 10.586 min Scan# 1276
Delta R.T. -0.007 min
Lab File: BG057896.D
Acq: 28 Jun 2023 17:17



Tgt Ion:180 Resp: 202234
Ion Ratio Lower Upper
180 100
182 96.1 77.2 115.8
145 29.2 21.7 32.5





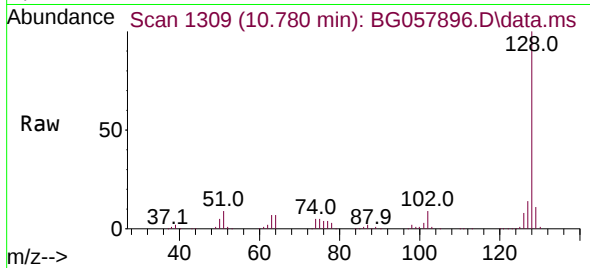
#31
Naphthalene
Concen: 42.286 ng
RT: 10.780 min Scan# 1183
Delta R.T. -0.002 min
Lab File: BG057896.D
Acq: 28 Jun 2023 17:17

Instrument :

BNA_G

ClientSampleId :

ESI-TP1MSD

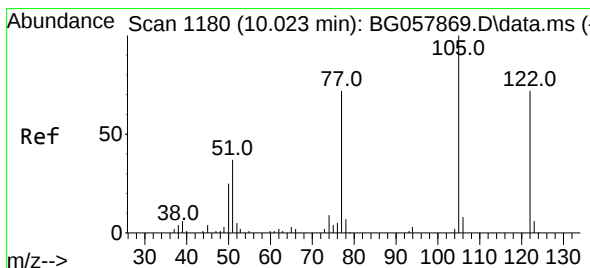
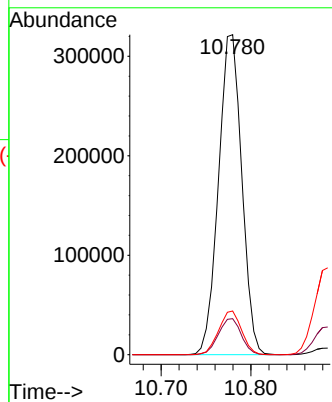
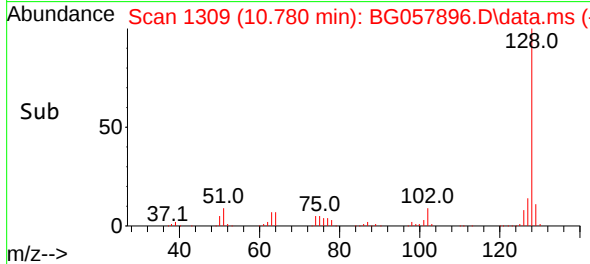


Tgt Ion:128 Resp: 579068
Ion Ratio Lower Upper
128 100
129 11.3 8.5 12.7
127 13.7 10.3 15.5

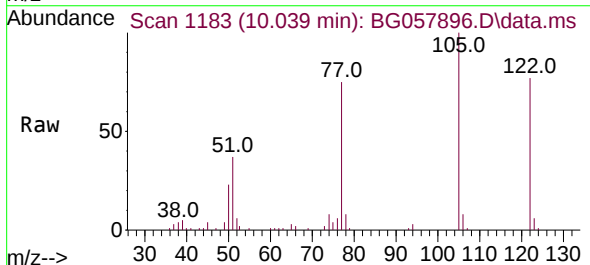
Manual Integrations

APPROVED

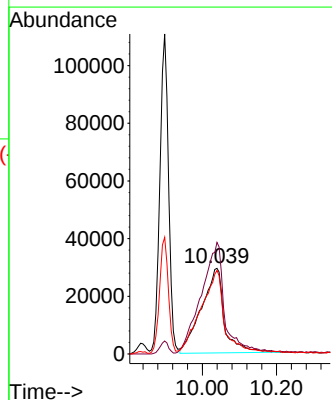
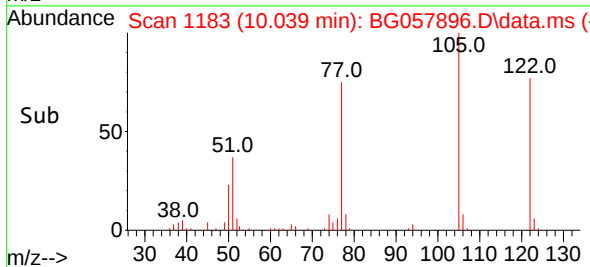
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

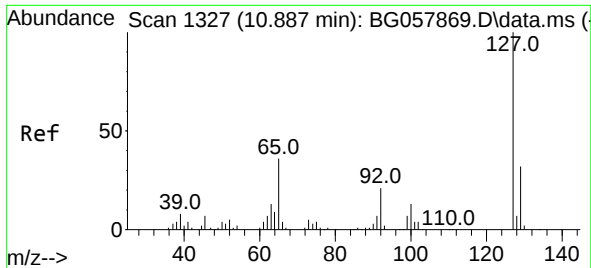


#32
Benzoic acid
Concen: 39.358 ng
RT: 10.039 min Scan# 1183
Delta R.T. 0.016 min
Lab File: BG057896.D
Acq: 28 Jun 2023 17:17



Tgt Ion:122 Resp: 127072
Ion Ratio Lower Upper
122 100
105 130.2 115.4 155.4
77 97.5 78.7 118.7





#33
4-Chloroaniline
Concen: 24.625 ng
RT: 10.885 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG057896.D
Acq: 28 Jun 2023 17:17

Instrument :

BNA_G

ClientSampleId :

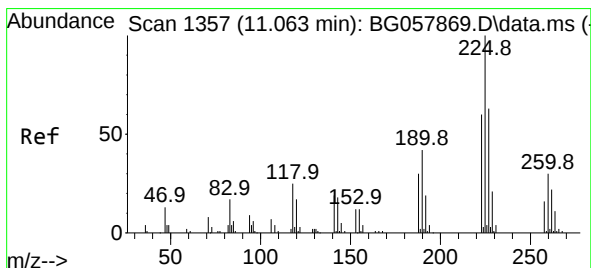
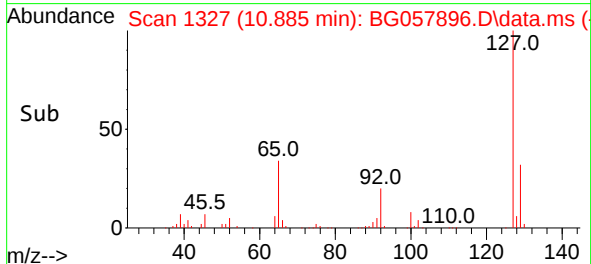
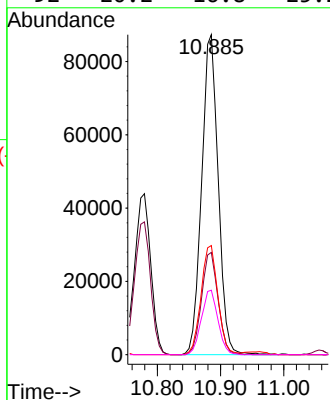
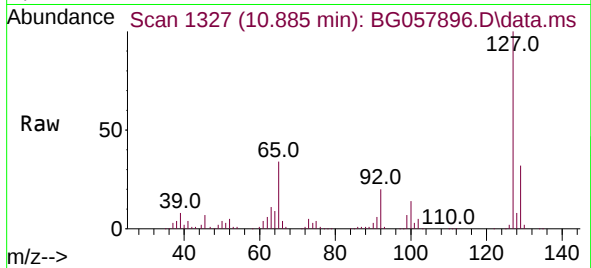
ESI-TP1MSD

Tgt Ion:127 Resp: 158650
Ion Ratio Lower Upper
127 100
129 32.0 25.8 38.6
65 34.1 28.7 43.1
92 20.2 16.8 25.2

Manual Integrations

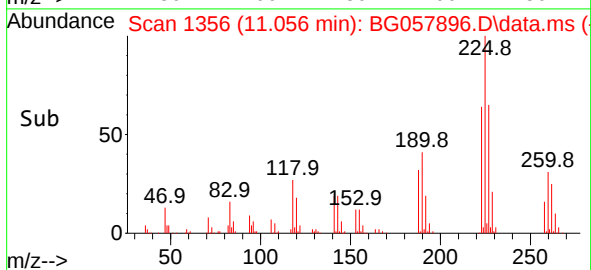
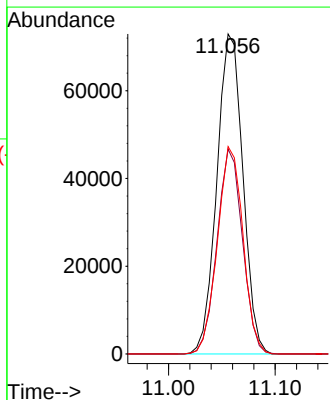
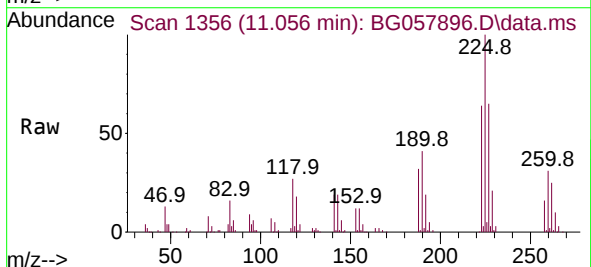
APPROVED

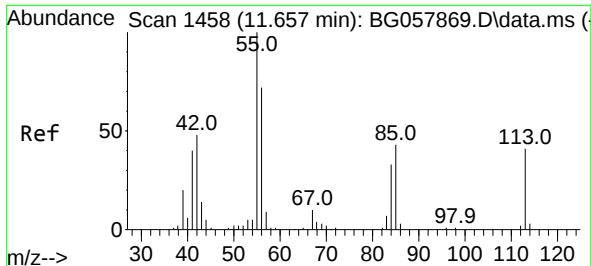
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#34
Hexachlorobutadiene
Concen: 46.024 ng
RT: 11.056 min Scan# 1356
Delta R.T. -0.007 min
Lab File: BG057896.D
Acq: 28 Jun 2023 17:17

Tgt Ion:225 Resp: 123719
Ion Ratio Lower Upper
225 100
223 64.0 48.0 72.0
227 64.8 50.2 75.4





#35
Caprolactam
Concen: 33.139 ng m
RT: 11.679 min Scan# 1458
Delta R.T. 0.022 min
Lab File: BG057896.D
Acq: 28 Jun 2023 17:17

Instrument :

BNA_G

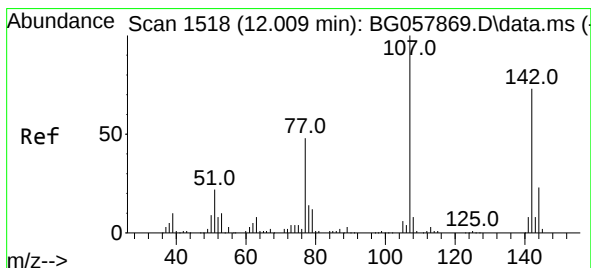
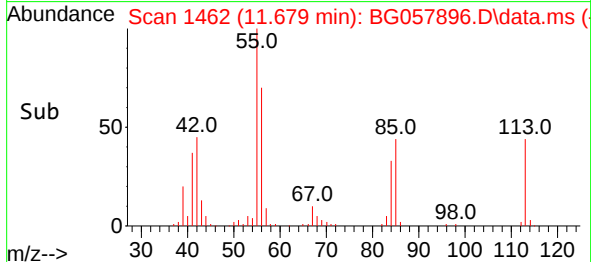
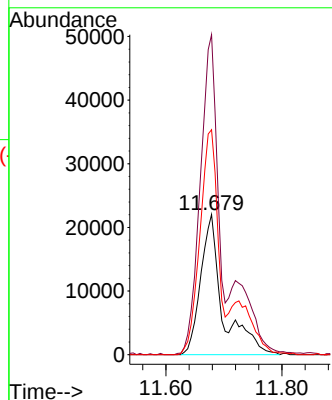
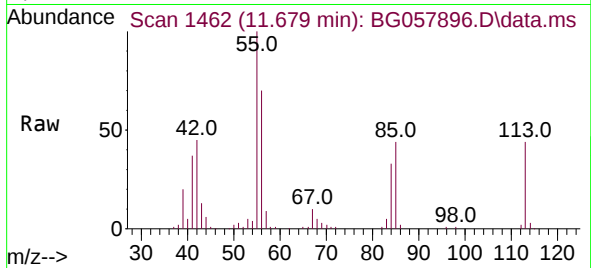
ClientSampleId :

ESI-TP1MSD

Tgt Ion:113 Resp: 5814
Ion Ratio Lower Upper
113 100
55 228.3 224.7 264.7
56 160.6 155.9 195.9

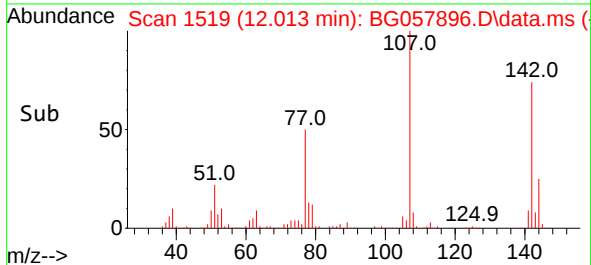
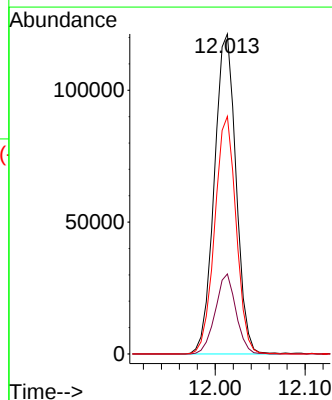
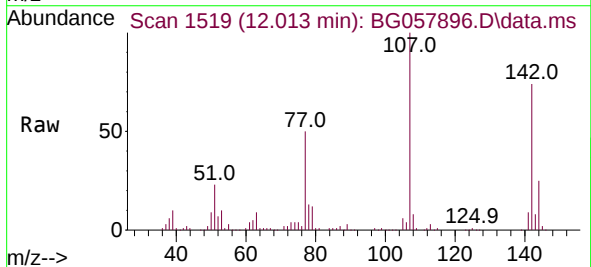
Manual Integrations
APPROVED

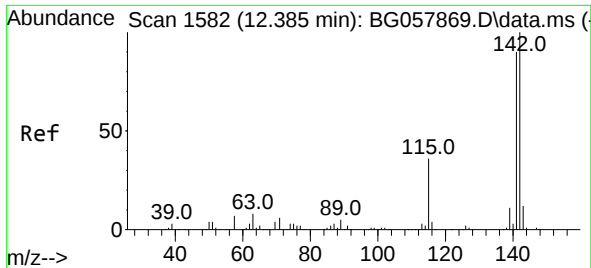
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#36
4-Chloro-3-methylphenol
Concen: 37.887 ng
RT: 12.013 min Scan# 1519
Delta R.T. 0.004 min
Lab File: BG057896.D
Acq: 28 Jun 2023 17:17

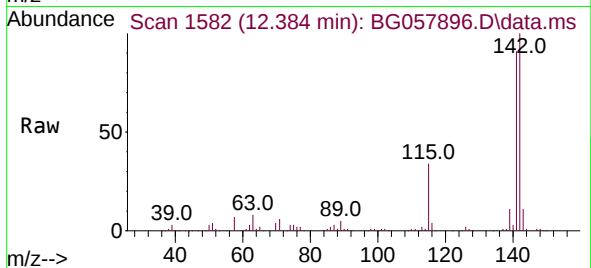
Tgt Ion:107 Resp: 203630
Ion Ratio Lower Upper
107 100
144 25.0 18.2 27.4
142 74.3 58.2 87.4





#37
2-Methylnaphthalene
Concen: 38.706 ng
RT: 12.384 min Scan# 1158
Delta R.T. -0.002 min
Lab File: BG057896.D
Acq: 28 Jun 2023 17:17

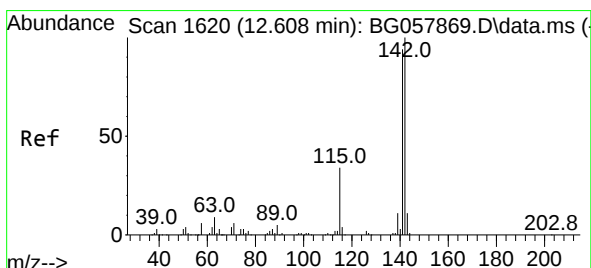
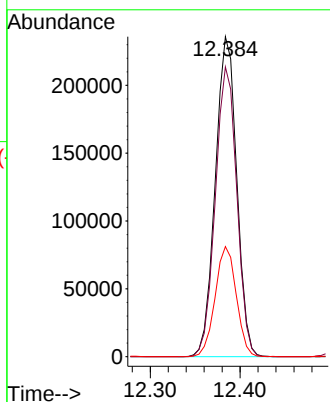
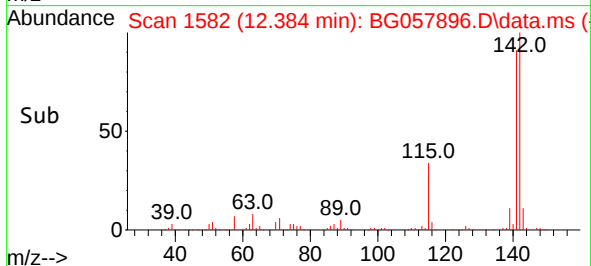
Instrument :
BNA_G
ClientSampleId :
ESI-TP1MSD



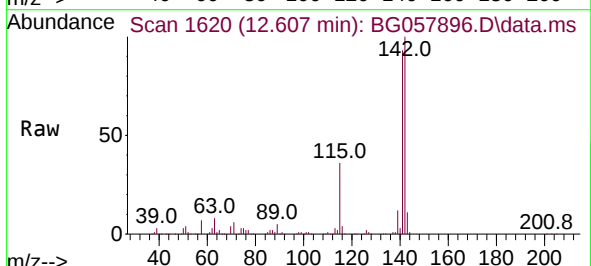
Tgt Ion:142 Resp: 390720
Ion Ratio Lower Upper
142 100
141 90.6 72.4 108.6
115 34.4 28.6 42.8

Manual Integrations
APPROVED

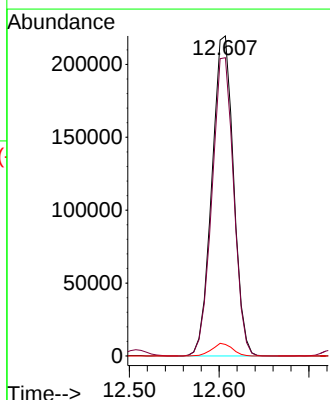
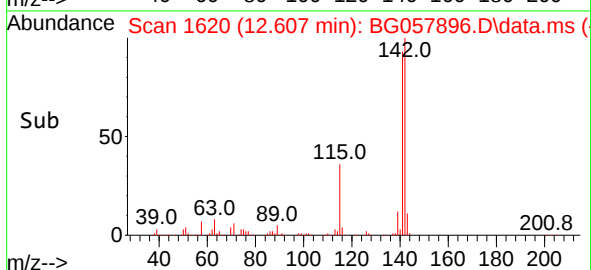
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

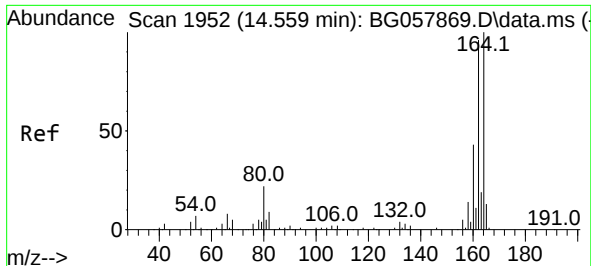


#38
1-Methylnaphthalene
Concen: 38.594 ng
RT: 12.607 min Scan# 1620
Delta R.T. -0.002 min
Lab File: BG057896.D
Acq: 28 Jun 2023 17:17



Tgt Ion:142 Resp: 368131
Ion Ratio Lower Upper
142 100
141 93.2 74.8 112.2
116 3.6 3.0 4.6





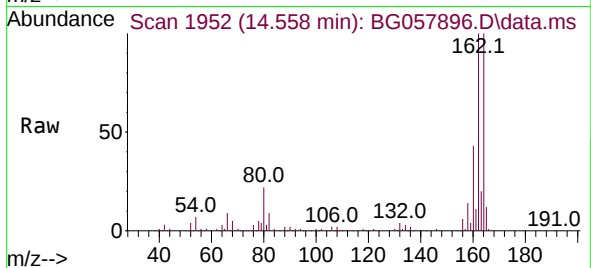
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.558 min Scan# 1952
Delta R.T. -0.002 min
Lab File: BG057896.D
Acq: 28 Jun 2023 17:17

Instrument :

BNA_G

ClientSampleId :

ESI-TP1MSD

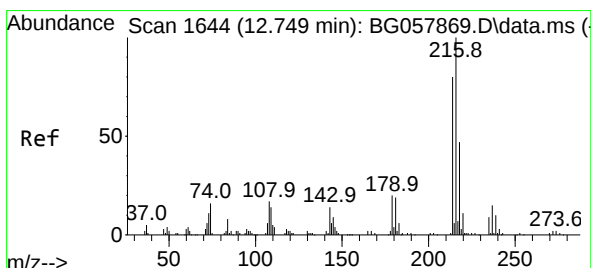
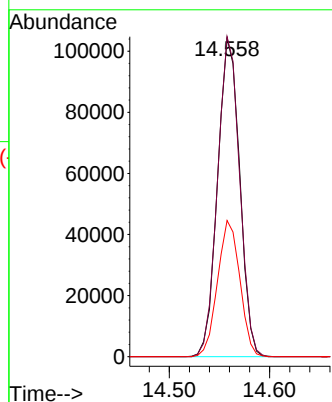
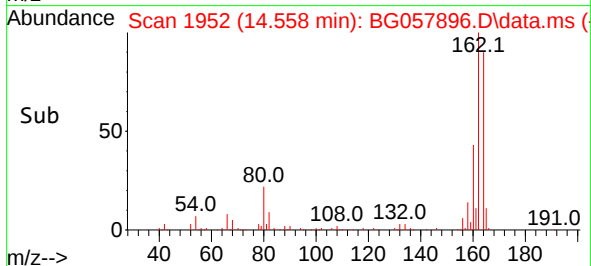


Tgt Ion:164 Resp: 15921
Ion Ratio Lower Upper
164 100
162 100.5 76.4 114.6
160 42.8 34.2 51.2

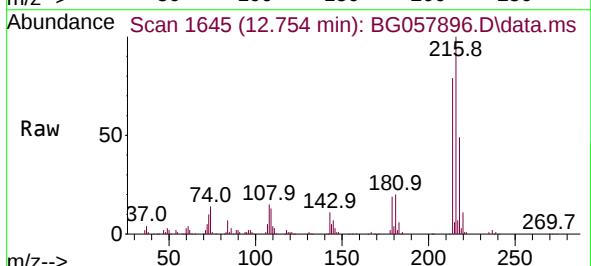
Manual Integrations

APPROVED

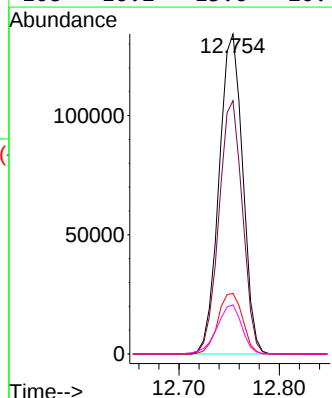
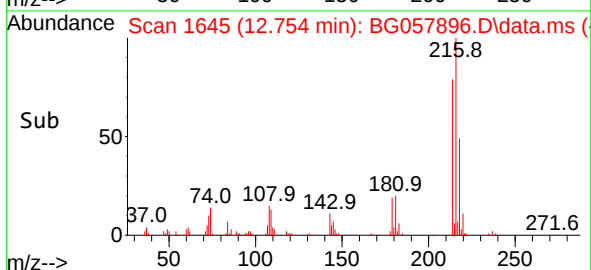
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

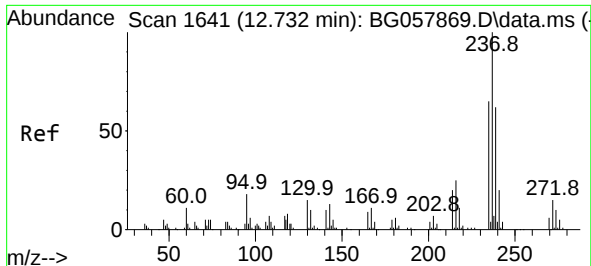


#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.253 ng
RT: 12.754 min Scan# 1645
Delta R.T. 0.004 min
Lab File: BG057896.D
Acq: 28 Jun 2023 17:17



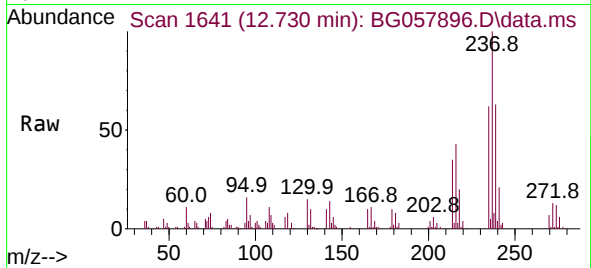
Tgt Ion:216 Resp: 219387
Ion Ratio Lower Upper
216 100
214 78.7 63.0 94.4
179 19.7 16.1 24.1
108 16.2 13.6 20.4





#41
Hexachlorocyclopentadiene
Concen: 29.557 ng
RT: 12.730 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG057896.D
Acq: 28 Jun 2023 17:17

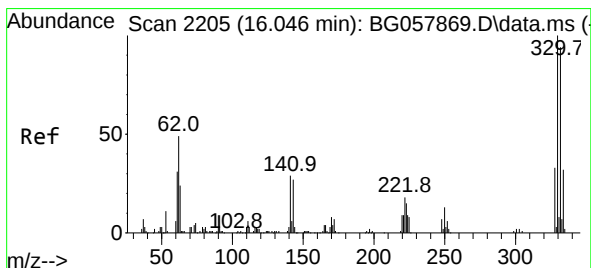
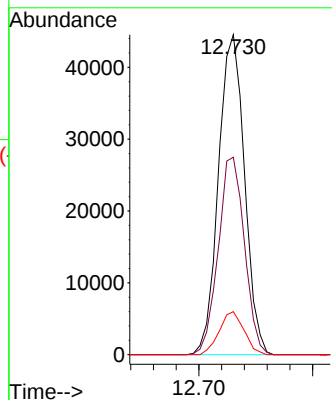
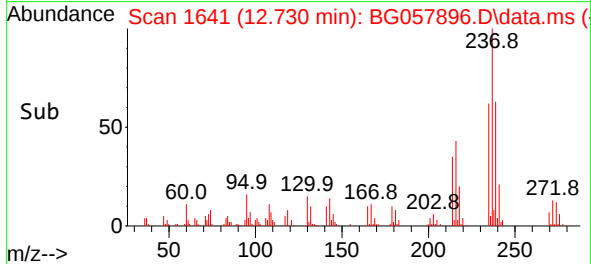
Instrument :
BNA_G
ClientSampleId :
ESI-TP1MSD



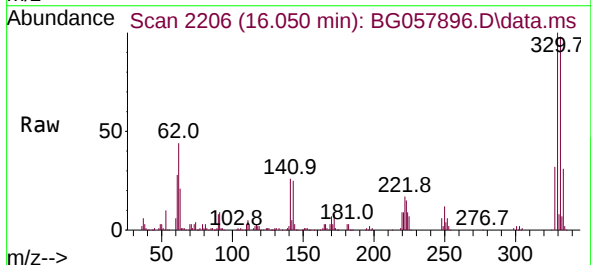
Tgt Ion:237 Resp: 70775
Ion Ratio Lower Upper
237 100
235 61.7 44.7 84.7
272 13.5 0.0 34.7

Manual Integrations
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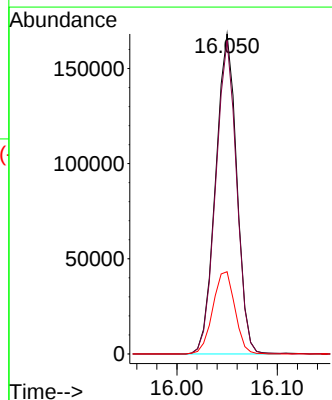
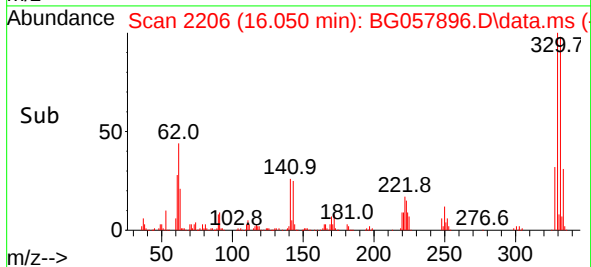
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

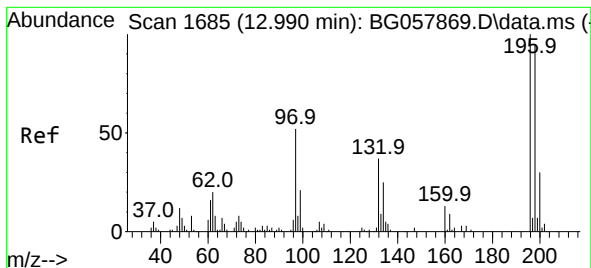


#42
2,4,6-Tribromophenol
Concen: 91.753 ng
RT: 16.050 min Scan# 2206
Delta R.T. 0.004 min
Lab File: BG057896.D
Acq: 28 Jun 2023 17:17



Tgt Ion:330 Resp: 245360
Ion Ratio Lower Upper
330 100
332 96.5 77.1 115.7
141 26.8 22.2 33.4





#43

2,4,6-Trichlorophenol

Concen: 46.982 ng

RT: 12.989 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG057896.D

Acq: 28 Jun 2023 17:17

Instrument :

BNA_G

ClientSampleId :

ESI-TP1MSD

Tgt Ion:196 Resp: 15426

Ion Ratio Lower Upper

196 100

198 97.4 75.7 113.5

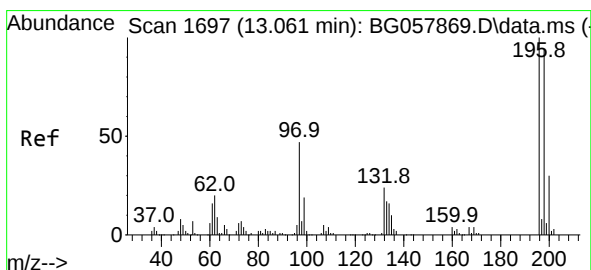
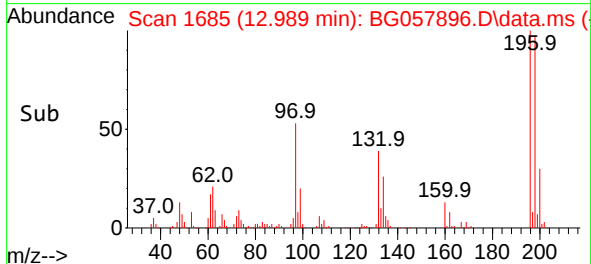
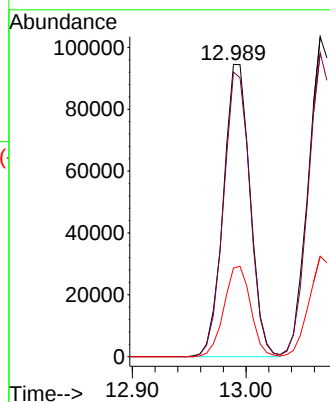
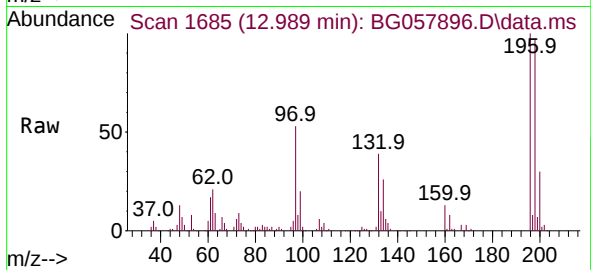
200 30.3 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2023

Supervised By :mohammad ahmed 06/29/2023



#44

2,4,5-Trichlorophenol

Concen: 42.690 ng

RT: 13.065 min Scan# 1698

Delta R.T. 0.004 min

Lab File: BG057896.D

Acq: 28 Jun 2023 17:17

Tgt Ion:196 Resp: 166831

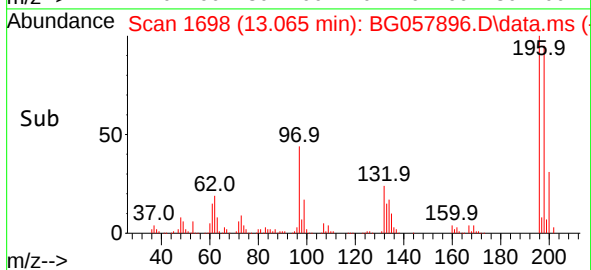
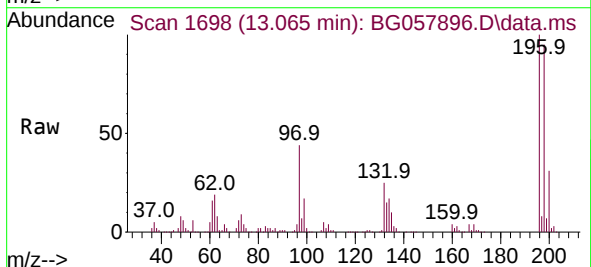
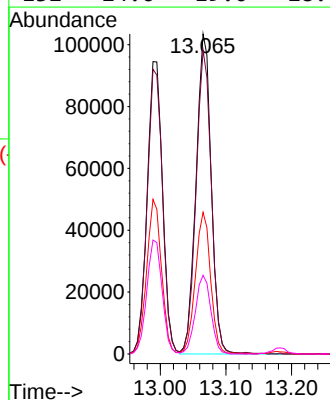
Ion Ratio Lower Upper

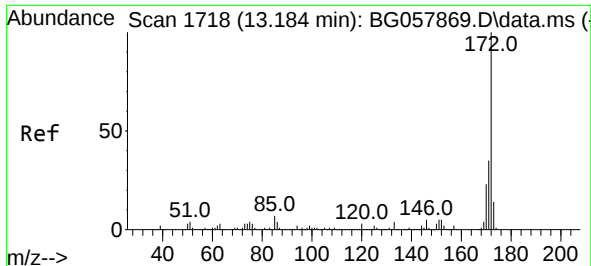
196 100

198 95.0 75.4 113.0

97 44.3 37.6 56.4

132 24.6 19.0 28.4





#45
2-Fluorobiphenyl
Concen: 69.871 ng
RT: 13.183 min Scan# 1718
Delta R.T. -0.002 min
Lab File: BG057896.D
Acq: 28 Jun 2023 17:17

Instrument :

BNA_G

ClientSampleId :

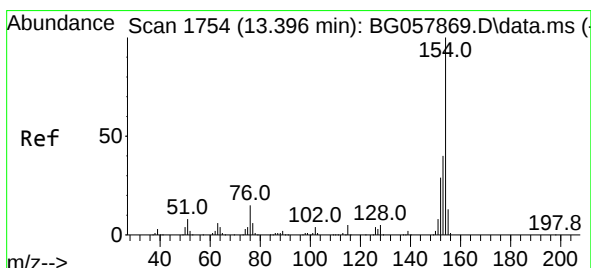
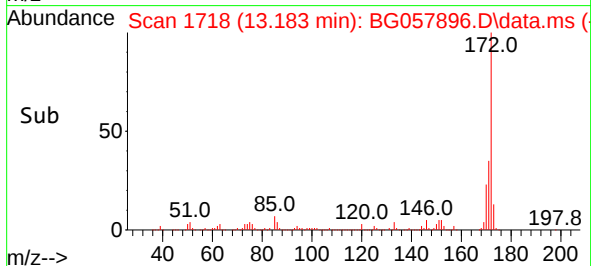
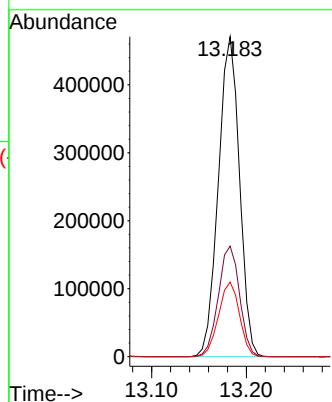
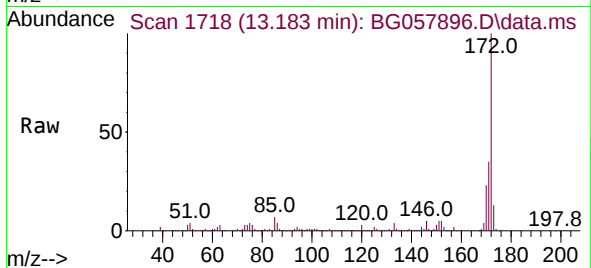
ESI-TP1MSD

Tgt Ion:172 Resp: 72896
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.8
170 23.3 18.6 27.8

Manual Integrations

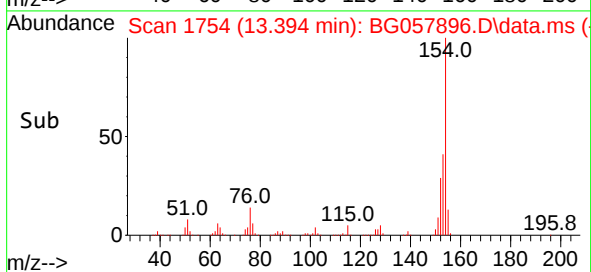
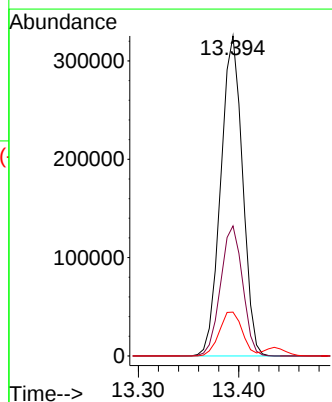
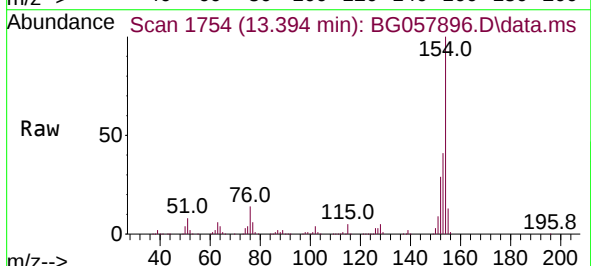
APPROVED

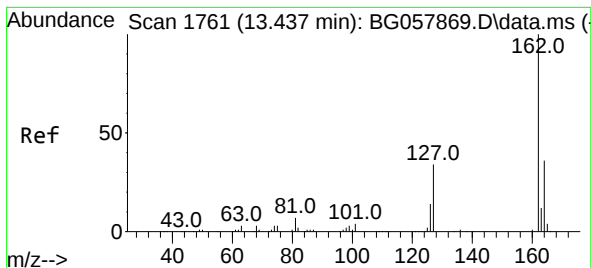
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#46
1,1'-Biphenyl
Concen: 45.177 ng
RT: 13.394 min Scan# 1754
Delta R.T. -0.002 min
Lab File: BG057896.D
Acq: 28 Jun 2023 17:17

Tgt Ion:154 Resp: 489920
Ion Ratio Lower Upper
154 100
153 40.7 20.1 60.1
76 13.7 0.0 34.7





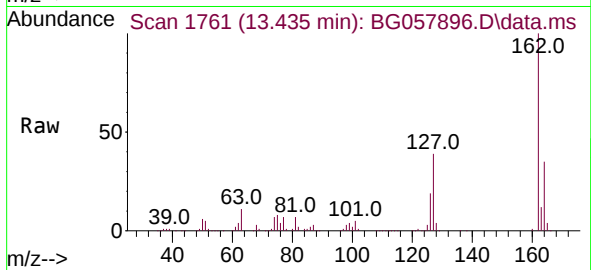
#47
2-Chloronaphthalene
Concen: 46.724 ng
RT: 13.435 min Scan# 1761
Delta R.T. -0.002 min
Lab File: BG057896.D
Acq: 28 Jun 2023 17:17

Instrument :

BNA_G

ClientSampleId :

ESI-TP1MSD

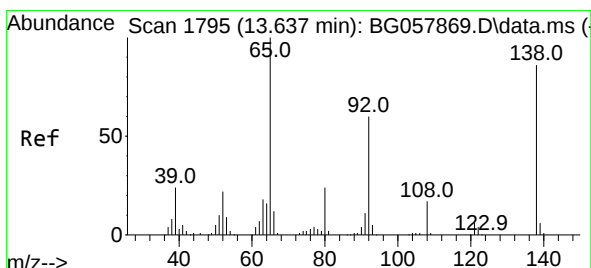
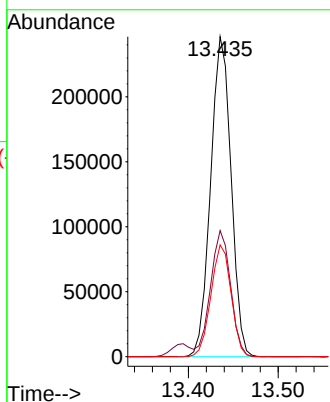
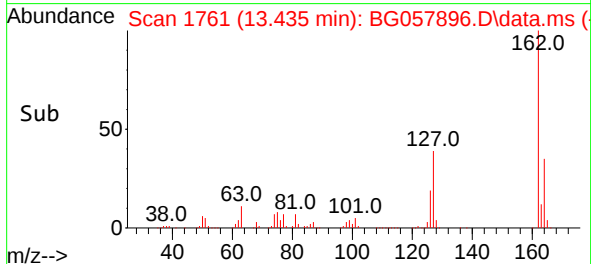


Tgt Ion:162 Resp: 389128
Ion Ratio Lower Upper
162 100
127 39.4 30.2 45.4
164 35.0 28.6 43.0

Manual Integrations

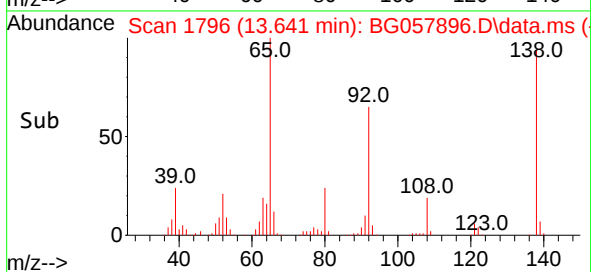
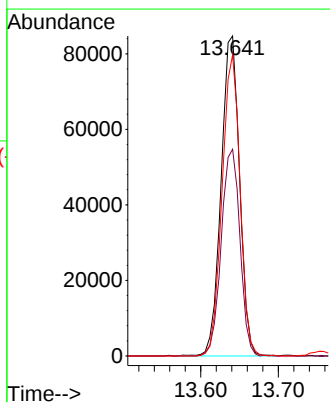
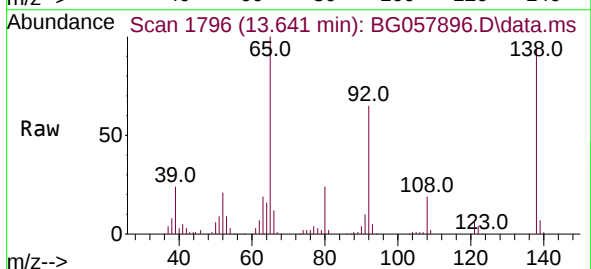
APPROVED

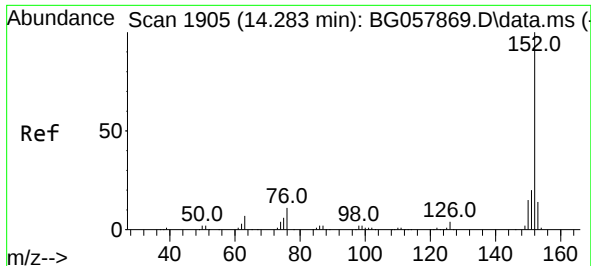
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#48
2-Nitroaniline
Concen: 42.304 ng
RT: 13.641 min Scan# 1796
Delta R.T. 0.004 min
Lab File: BG057896.D
Acq: 28 Jun 2023 17:17

Tgt Ion: 65 Resp: 140380
Ion Ratio Lower Upper
65 100
92 64.6 48.3 72.5
138 94.1 69.1 103.7





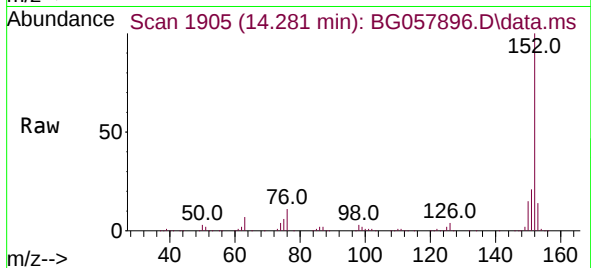
#49
Acenaphthylene
Concen: 42.068 ng
RT: 14.281 min Scan# 1905
Delta R.T. -0.002 min
Lab File: BG057896.D
Acq: 28 Jun 2023 17:17

Instrument :

BNA_G

ClientSampleId :

ESI-TP1MSD

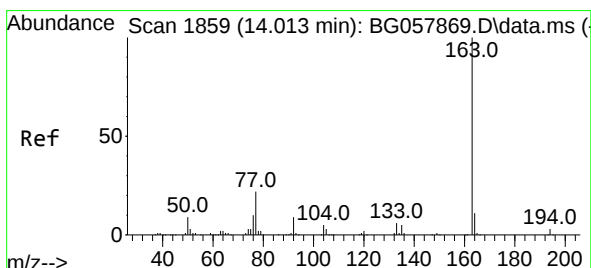
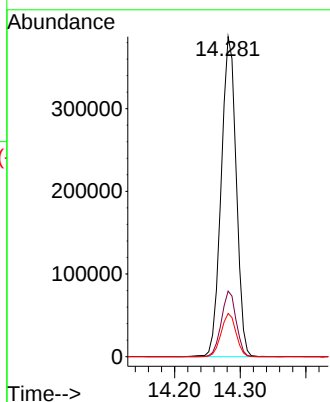
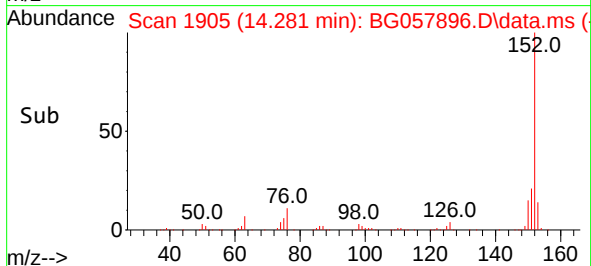


Tgt Ion:152 Resp: 614427
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.2
153 13.5 10.8 16.2

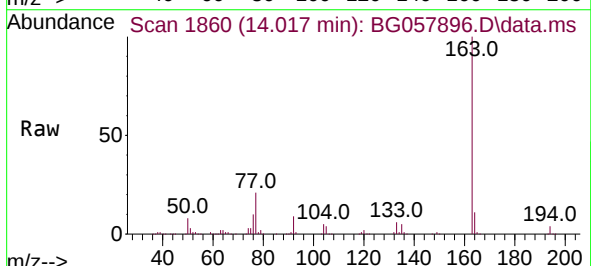
Manual Integrations

APPROVED

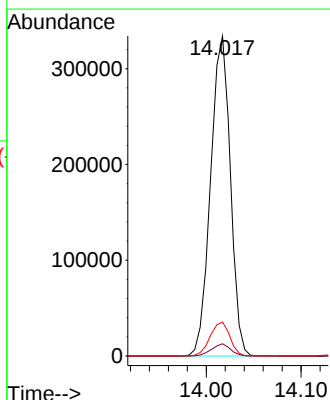
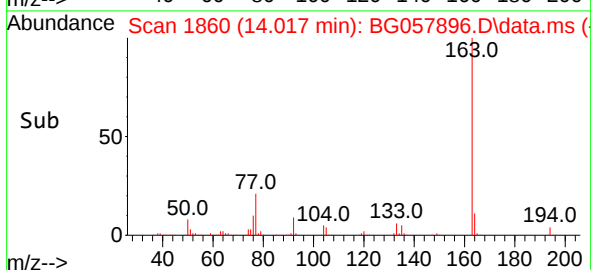
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

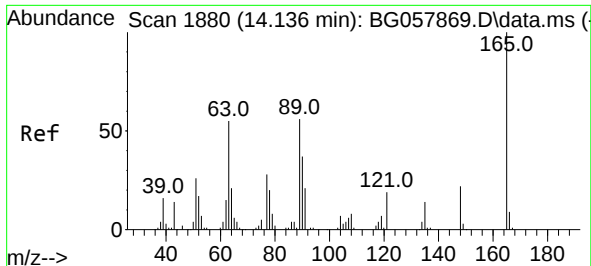


#50
Dimethylphthalate
Concen: 38.277 ng
RT: 14.017 min Scan# 1860
Delta R.T. 0.004 min
Lab File: BG057896.D
Acq: 28 Jun 2023 17:17



Tgt Ion:163 Resp: 483017
Ion Ratio Lower Upper
163 100
194 3.8 2.8 4.2
164 10.6 8.9 13.3





#51
2,6-Dinitrotoluene
Concen: 40.034 ng
RT: 14.135 min Scan# 1880
Delta R.T. -0.002 min
Lab File: BG057896.D
Acq: 28 Jun 2023 17:17

Instrument :

BNA_G

ClientSampleId :

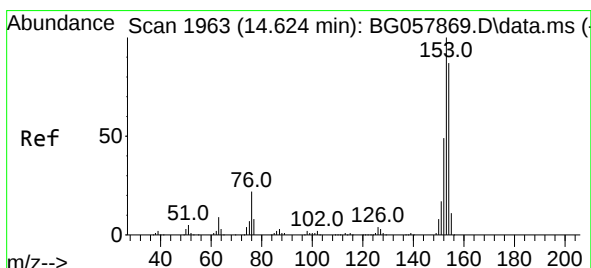
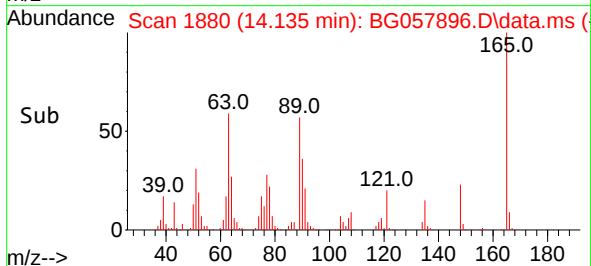
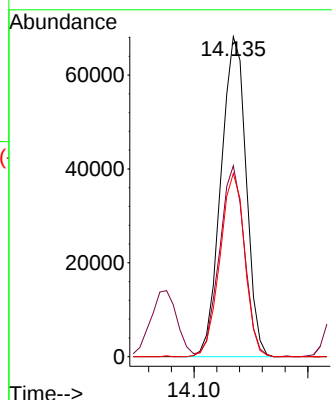
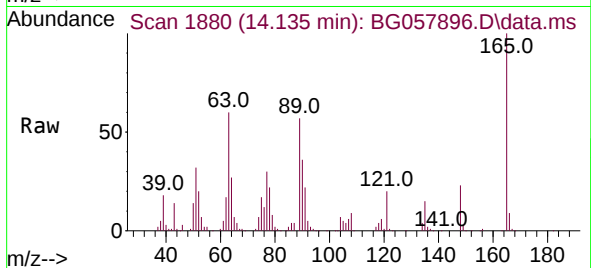
ESI-TP1MSD

Tgt Ion:165 Resp: 104892
Ion Ratio Lower Upper
165 100
63 59.6 46.4 69.6
89 57.2 45.0 67.6

Manual Integrations

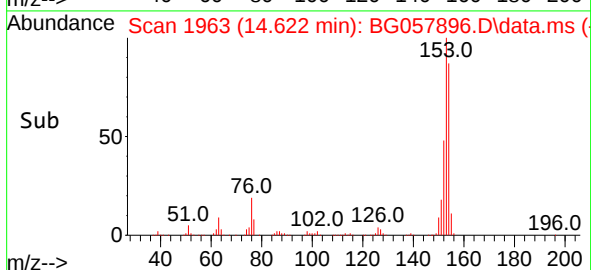
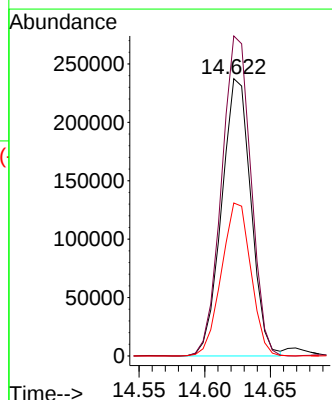
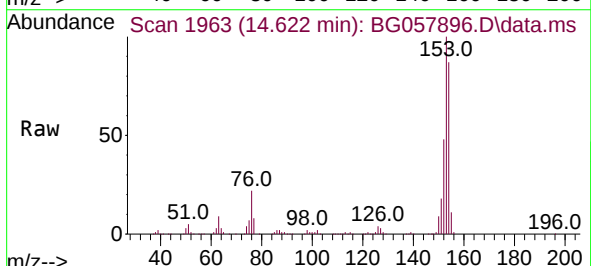
APPROVED

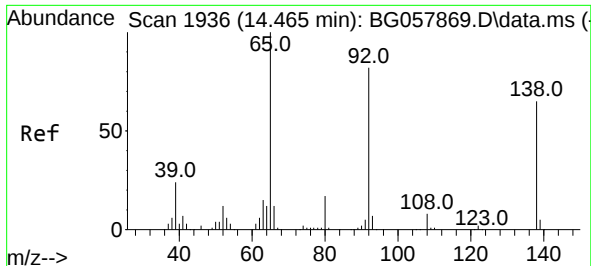
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#52
Acenaphthene
Concen: 43.208 ng
RT: 14.622 min Scan# 1963
Delta R.T. -0.002 min
Lab File: BG057896.D
Acq: 28 Jun 2023 17:17

Tgt Ion:154 Resp: 368658
Ion Ratio Lower Upper
154 100
153 115.4 91.5 137.3
152 55.2 44.6 67.0





#53
3-Nitroaniline
Concen: 33.534 ng
RT: 14.464 min Scan# 1936
Delta R.T. -0.002 min
Lab File: BG057896.D
Acq: 28 Jun 2023 17:17

Instrument :

BNA_G

ClientSampleId :

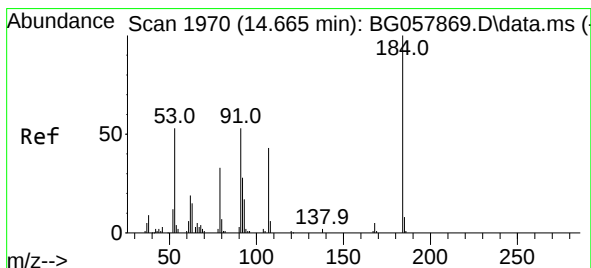
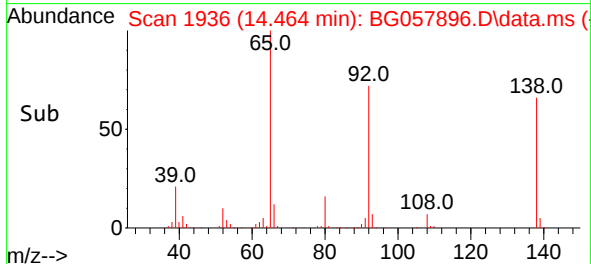
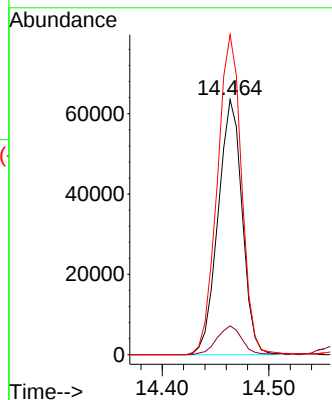
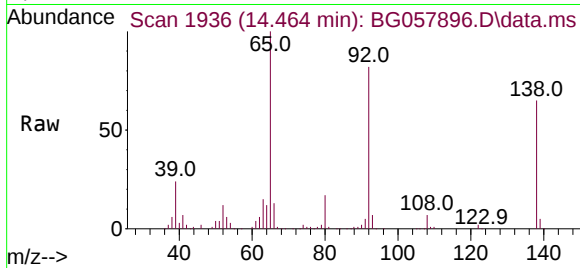
ESI-TP1MSD

Tgt Ion:138 Resp: 9988
Ion Ratio Lower Upper
138 100
108 11.3 9.8 14.6
92 125.4 101.7 152.5

Manual Integrations

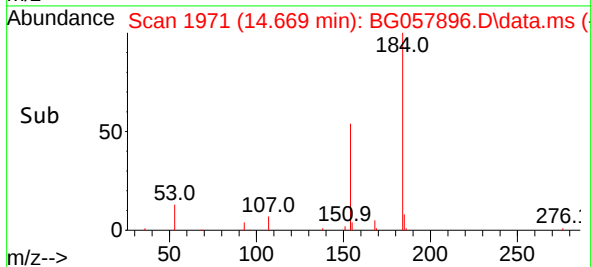
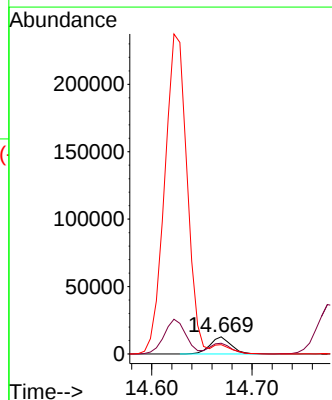
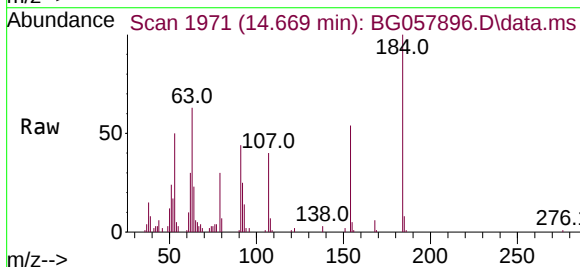
APPROVED

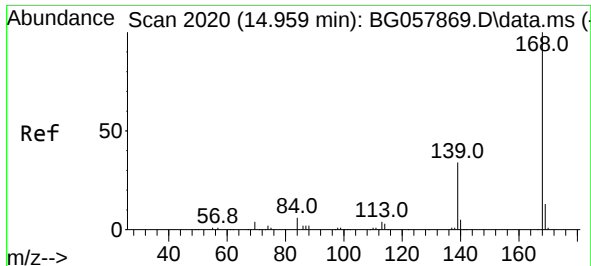
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#54
2,4-Dinitrophenol
Concen: 12.749 ng
RT: 14.669 min Scan# 1971
Delta R.T. 0.004 min
Lab File: BG057896.D
Acq: 28 Jun 2023 17:17

Tgt Ion:184 Resp: 18454
Ion Ratio Lower Upper
184 100
63 62.6 57.8 86.6
154 54.2 45.9 68.9





#55
Dibenzofuran
Concen: 41.172 ng
RT: 14.957 min Scan# 20
Delta R.T. -0.002 min
Lab File: BG057896.D
Acq: 28 Jun 2023 17:17

Instrument :

BNA_G

ClientSampleId :

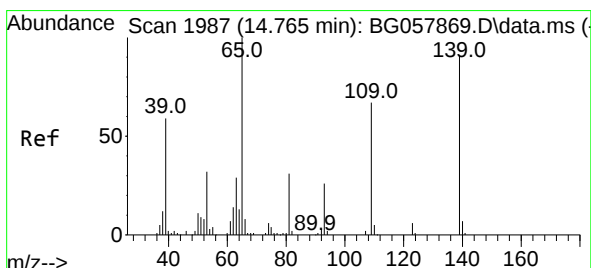
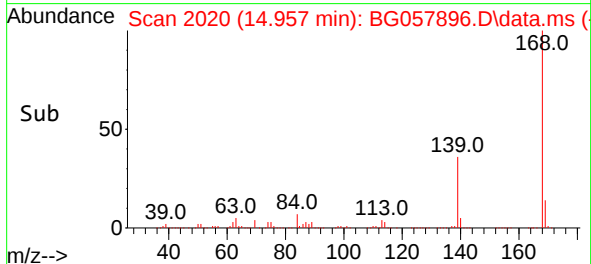
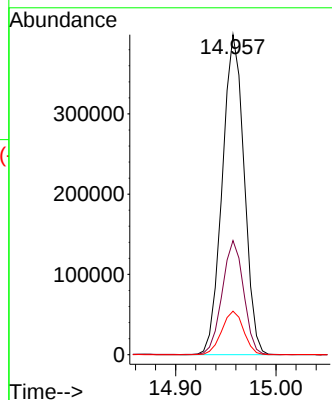
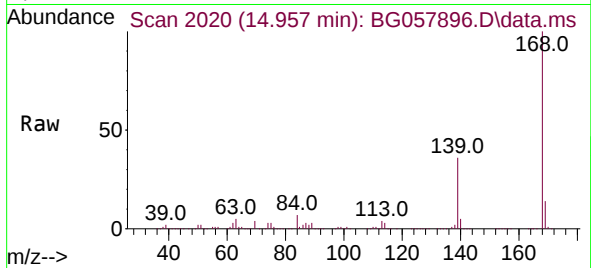
ESI-TP1MSD

Tgt Ion:168 Resp: 602539
Ion Ratio Lower Upper
168 100
139 35.7 27.3 40.9
169 13.6 10.3 15.5

Manual Integrations

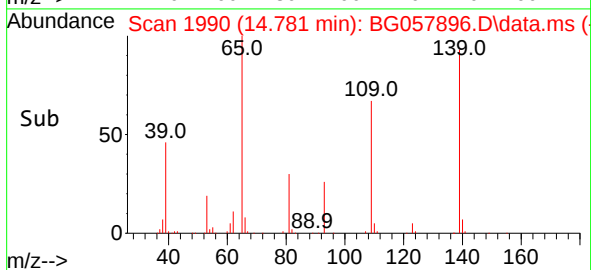
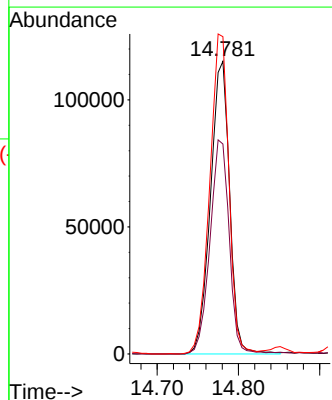
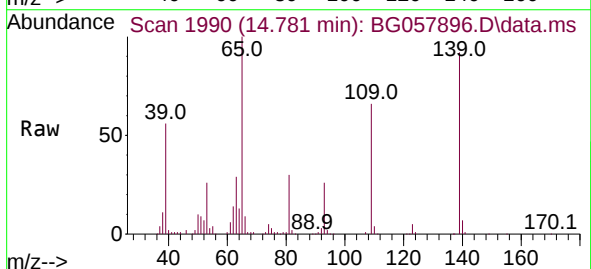
APPROVED

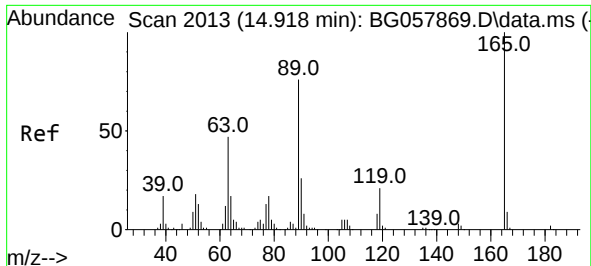
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#56
4-Nitrophenol
Concen: 77.328 ng
RT: 14.781 min Scan# 1990
Delta R.T. 0.016 min
Lab File: BG057896.D
Acq: 28 Jun 2023 17:17

Tgt Ion:139 Resp: 188837
Ion Ratio Lower Upper
139 100
109 71.7 53.7 93.7
65 108.4 89.9 129.9





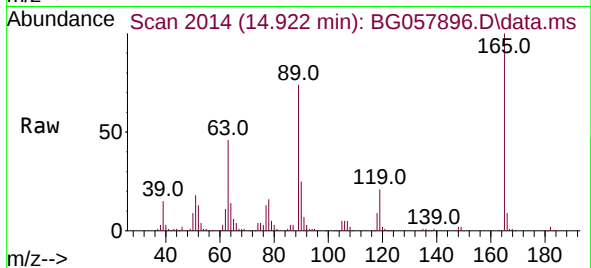
#57
2,4-Dinitrotoluene
Concen: 37.456 ng
RT: 14.922 min Scan# 2014
Delta R.T. 0.004 min
Lab File: BG057896.D
Acq: 28 Jun 2023 17:17

Instrument :

BNA_G

ClientSampleId :

ESI-TP1MSD

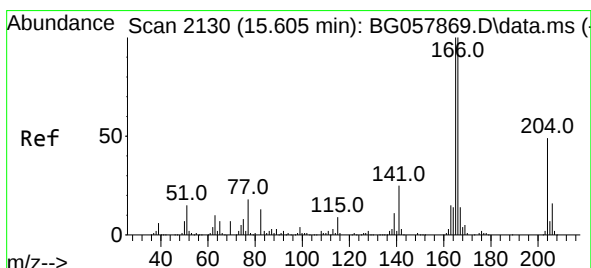
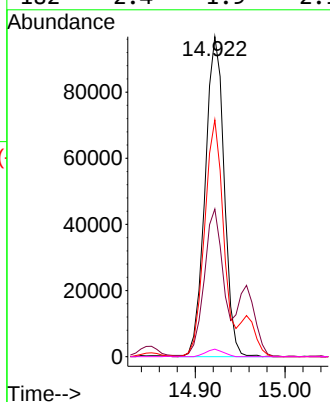
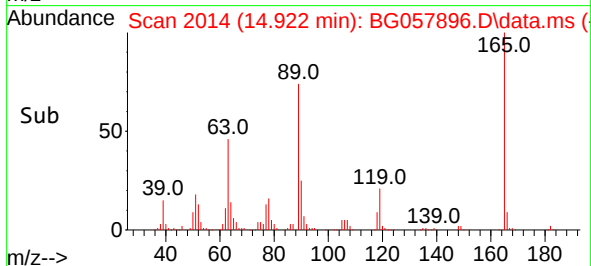


Tgt Ion:165 Resp: 14240
Ion Ratio Lower Upper
165 100
63 46.2 37.6 56.4
89 74.0 61.0 91.4
182 2.4 1.9 2.9

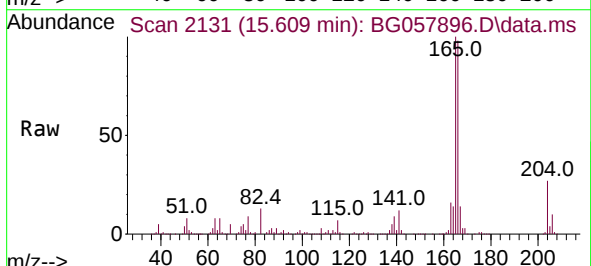
Manual Integrations

APPROVED

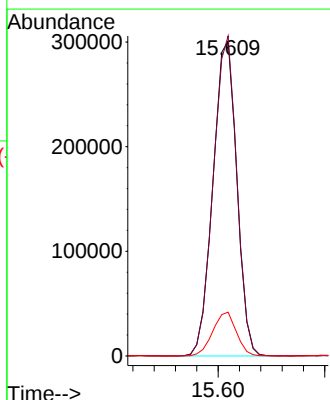
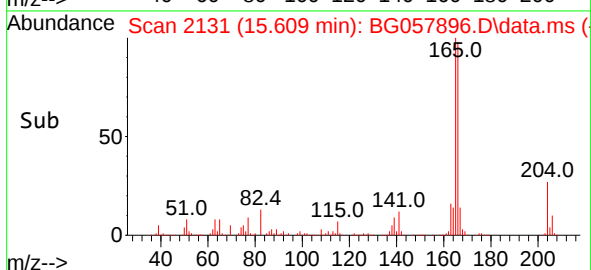
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

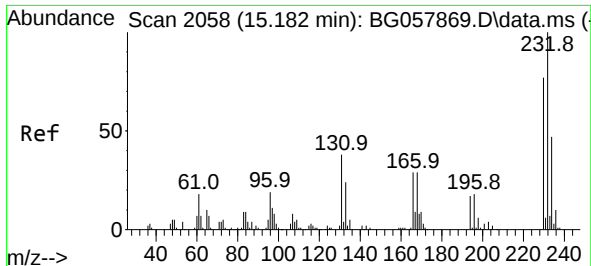


#58
Fluorene
Concen: 39.470 ng
RT: 15.609 min Scan# 2131
Delta R.T. 0.004 min
Lab File: BG057896.D
Acq: 28 Jun 2023 17:17



Tgt Ion:166 Resp: 466212
Ion Ratio Lower Upper
166 100
165 101.6 80.0 120.0
167 13.9 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 39.786 ng
RT: 15.180 min Scan# 2058
Delta R.T. -0.002 min
Lab File: BG057896.D
Acq: 28 Jun 2023 17:17

Instrument :

BNA_G

ClientSampleId :

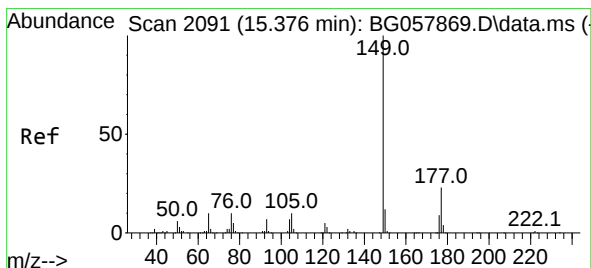
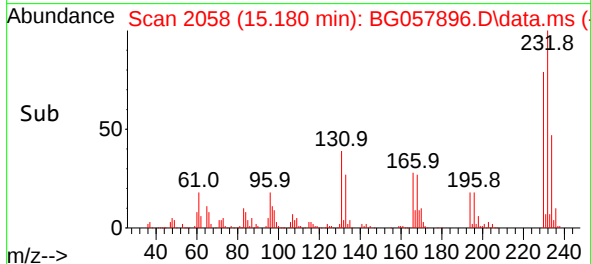
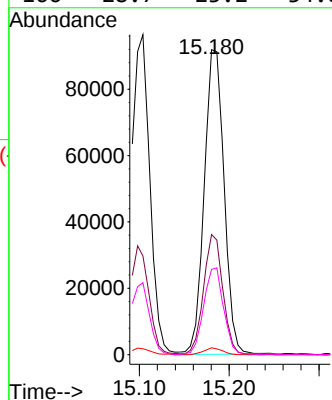
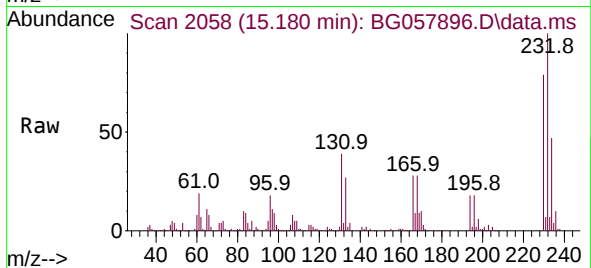
ESI-TP1MSD

Tgt Ion:232 Resp: 140940
Ion Ratio Lower Upper
232 100
131 38.4 31.2 46.8
130 2.1 1.6 2.4
166 28.7 23.2 34.8

Manual Integrations

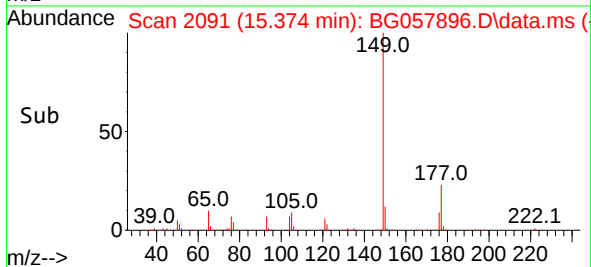
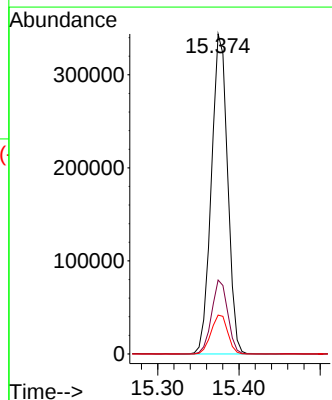
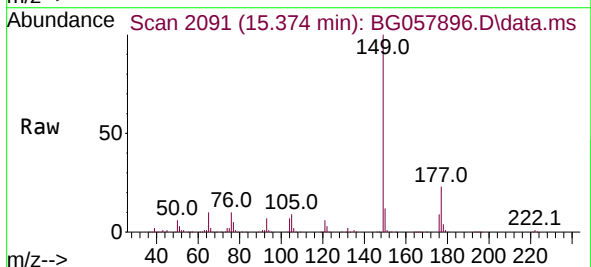
APPROVED

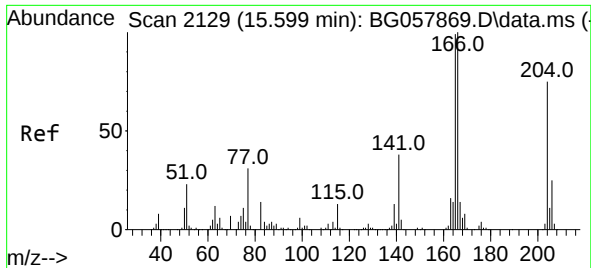
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#60
Diethylphthalate
Concen: 35.809 ng
RT: 15.374 min Scan# 2091
Delta R.T. -0.002 min
Lab File: BG057896.D
Acq: 28 Jun 2023 17:17

Tgt Ion:149 Resp: 476325
Ion Ratio Lower Upper
149 100
177 23.1 18.2 27.4
150 12.2 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 39.211 ng
RT: 15.598 min Scan# 2129
Delta R.T. -0.002 min
Lab File: BG057896.D
Acq: 28 Jun 2023 17:17

Instrument :

BNA_G

ClientSampleId :

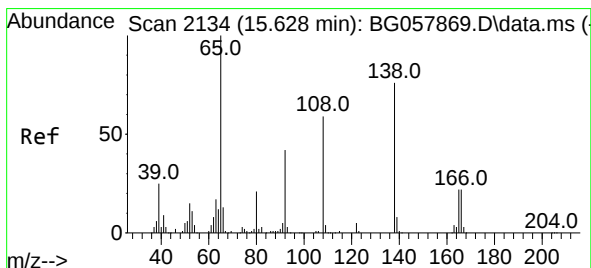
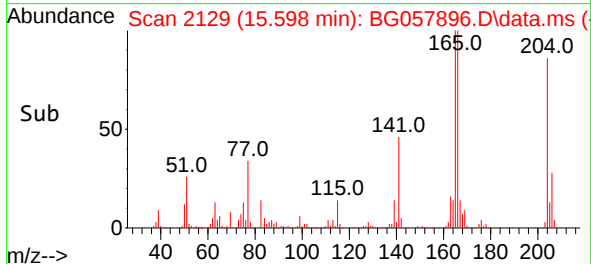
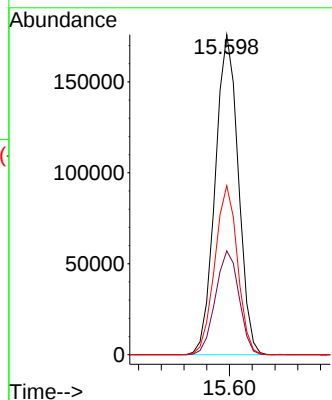
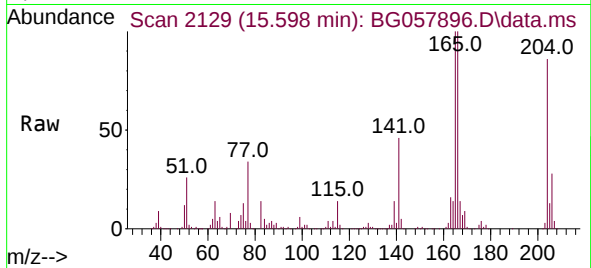
ESI-TP1MSD

Tgt Ion:204 Resp: 248425
Ion Ratio Lower Upper
204 100
206 32.5 26.6 39.8
141 52.8 40.6 60.8

Manual Integrations

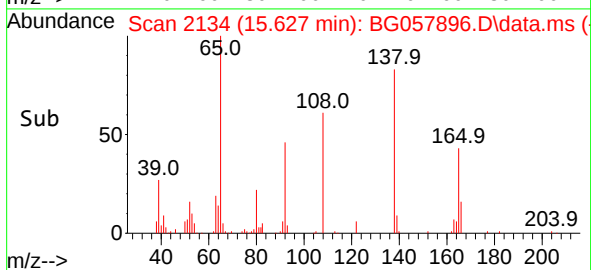
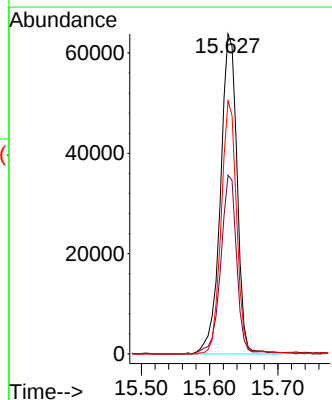
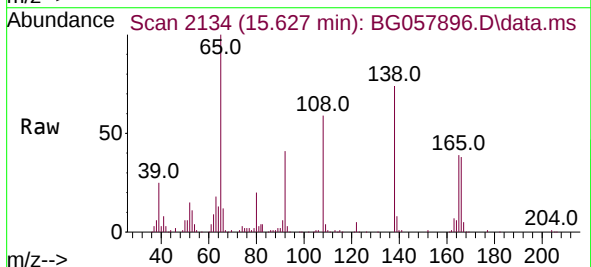
APPROVED

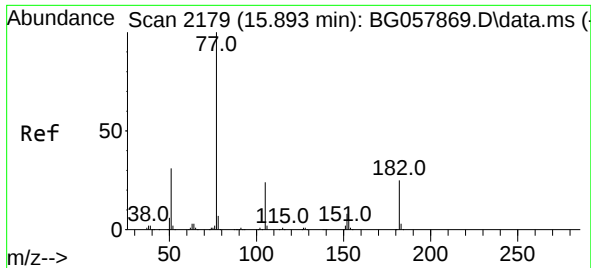
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#62
4-Nitroaniline
Concen: 34.682 ng
RT: 15.627 min Scan# 2134
Delta R.T. -0.002 min
Lab File: BG057896.D
Acq: 28 Jun 2023 17:17

Tgt Ion:138 Resp: 108360
Ion Ratio Lower Upper
138 100
92 55.9 35.2 75.2
108 79.1 57.8 97.8





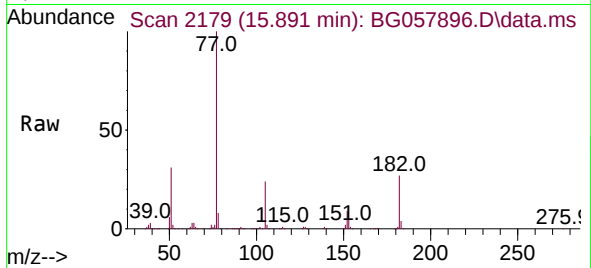
#63
Azobenzene
Concen: 38.990 ng
RT: 15.891 min Scan# 2179
Delta R.T. -0.002 min
Lab File: BG057896.D
Acq: 28 Jun 2023 17:17

Instrument :

BNA_G

ClientSampleId :

ESI-TP1MSD

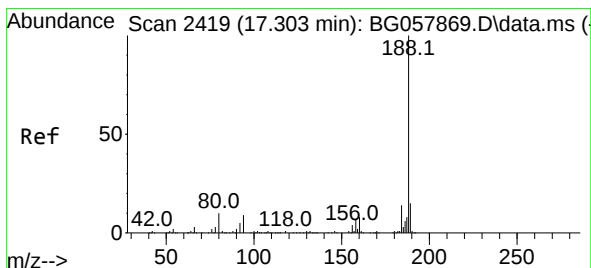
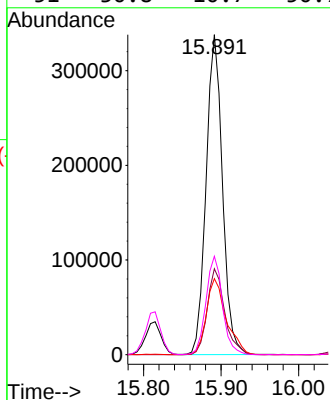
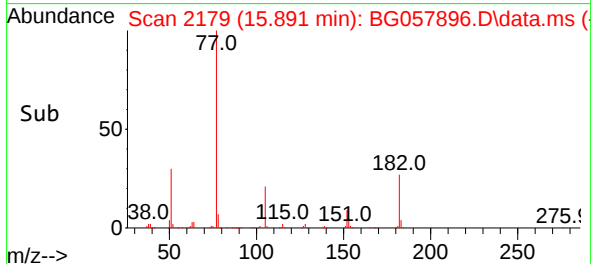


Tgt Ion: 77 Resp: 495963
Ion Ratio Lower Upper
77 100
182 26.9 5.1 45.1
105 23.8 3.9 43.9
51 30.8 10.7 50.7

Manual Integrations

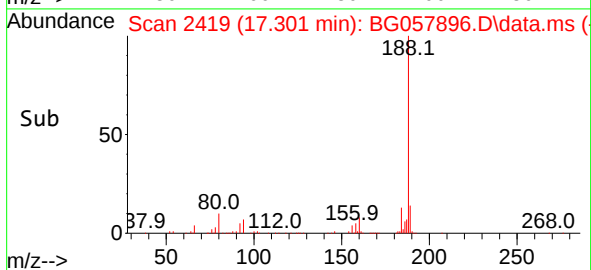
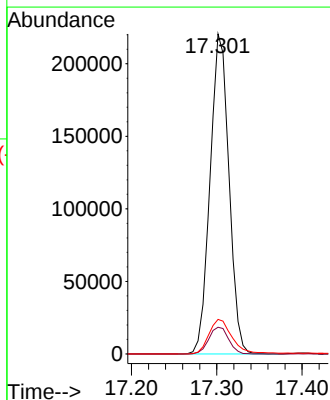
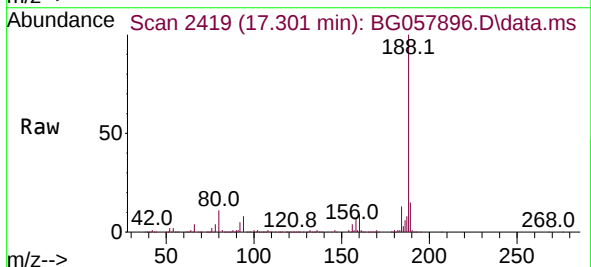
APPROVED

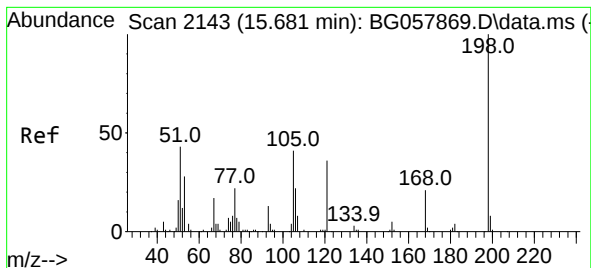
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.301 min Scan# 2419
Delta R.T. -0.002 min
Lab File: BG057896.D
Acq: 28 Jun 2023 17:17

Tgt Ion:188 Resp: 339383
Ion Ratio Lower Upper
188 100
94 8.3 7.2 10.8
80 10.8 8.4 12.6





#65
4,6-Dinitro-2-methylphenol
Concen: 8.665 ng
RT: 15.680 min Scan# 2143
Delta R.T. -0.001 min
Lab File: BG057896.D
Acq: 28 Jun 2023 17:17

Instrument :

BNA_G

ClientSampleId :

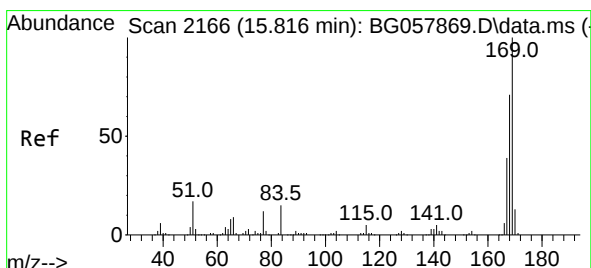
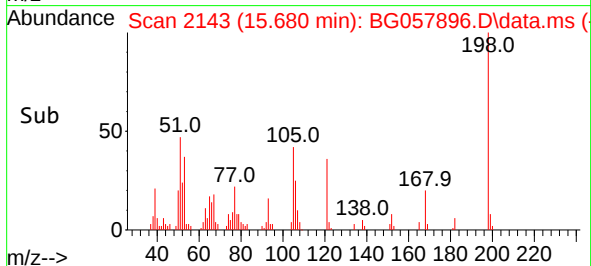
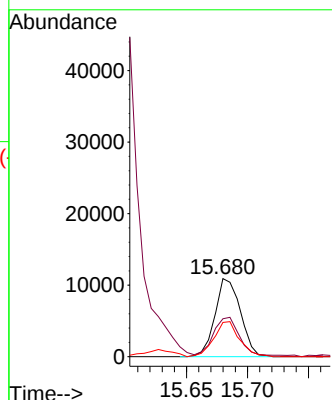
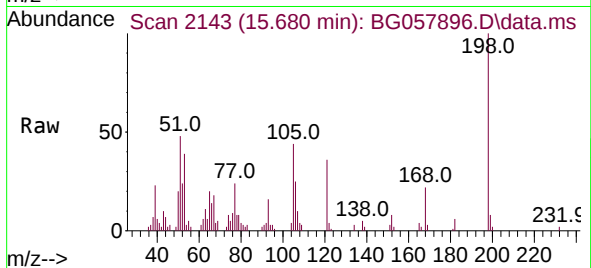
ESI-TP1MSD

Tgt Ion:198 Resp: 1582
Ion Ratio Lower Upper
198 100
51 48.5 27.2 67.2
105 43.9 22.3 62.3

Manual Integrations

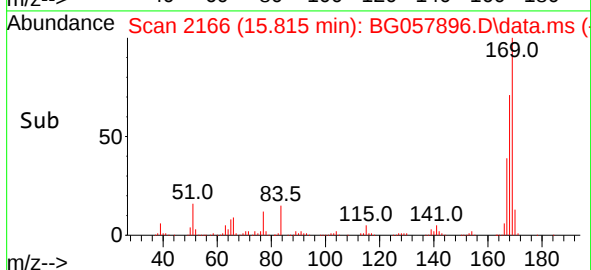
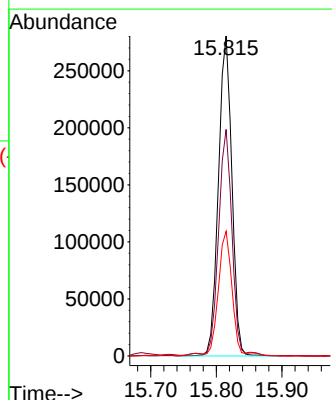
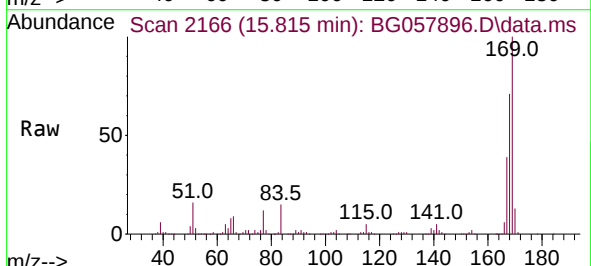
APPROVED

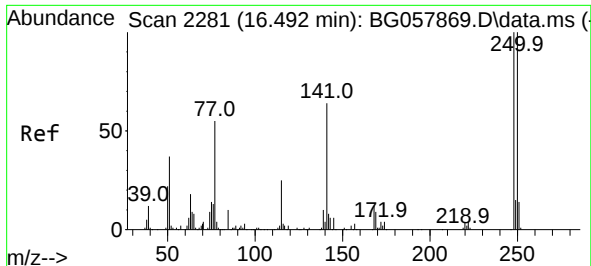
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#66
n-Nitrosodiphenylamine
Concen: 45.848 ng
RT: 15.815 min Scan# 2166
Delta R.T. -0.001 min
Lab File: BG057896.D
Acq: 28 Jun 2023 17:17

Tgt Ion:169 Resp: 397093
Ion Ratio Lower Upper
169 100
168 70.8 56.6 85.0
167 39.0 31.1 46.7





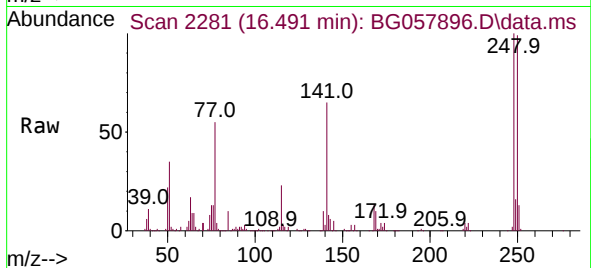
#67
4-Bromophenyl-phenylether
Concen: 45.350 ng
RT: 16.491 min Scan# 2281
Delta R.T. -0.002 min
Lab File: BG057896.D
Acq: 28 Jun 2023 17:17

Instrument :

BNA_G

ClientSampleId :

ESI-TP1MSD

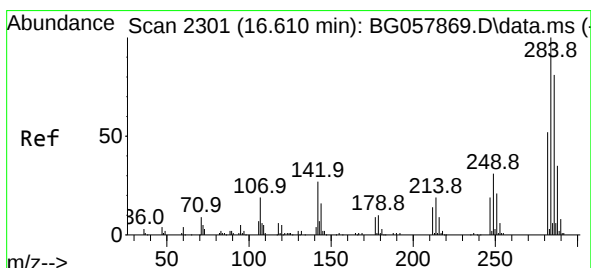
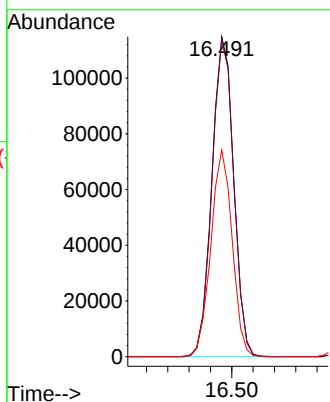
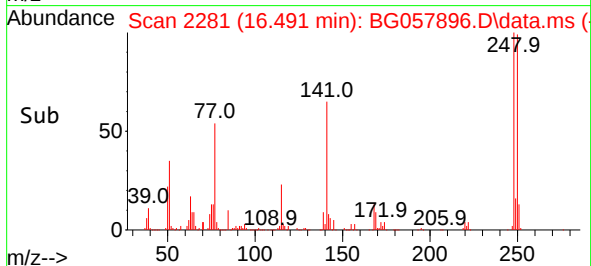


Tgt Ion:248 Resp: 162468
Ion Ratio Lower Upper
248 100
250 98.9 79.7 119.5
141 64.6 50.8 76.2

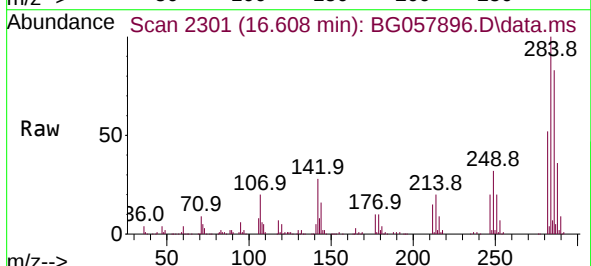
Manual Integrations

APPROVED

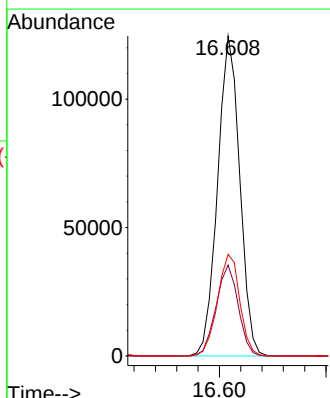
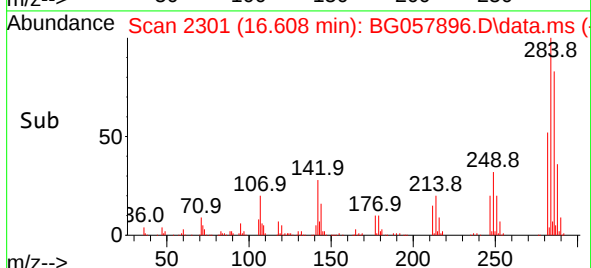
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

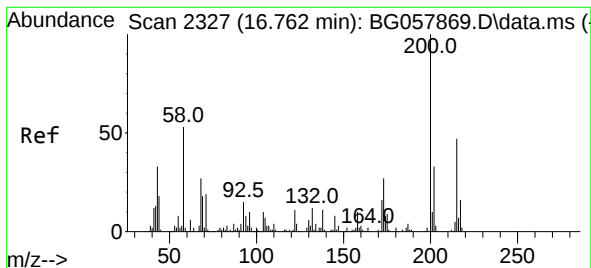


#68
Hexachlorobenzene
Concen: 47.352 ng
RT: 16.608 min Scan# 2301
Delta R.T. -0.002 min
Lab File: BG057896.D
Acq: 28 Jun 2023 17:17



Tgt Ion:284 Resp: 179139
Ion Ratio Lower Upper
284 100
142 28.4 21.4 32.0
249 31.8 24.9 37.3





#69

Atrazine

Concen: 48.446 ng

RT: 16.761 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG057896.D

Acq: 28 Jun 2023 17:17

Instrument :

BNA_G

ClientSampleId :

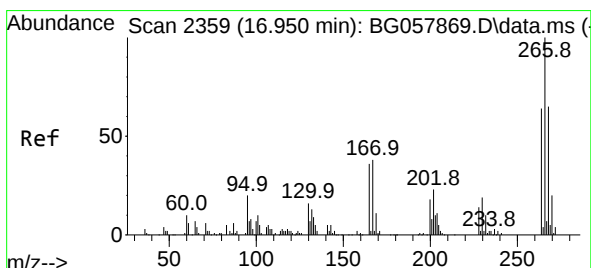
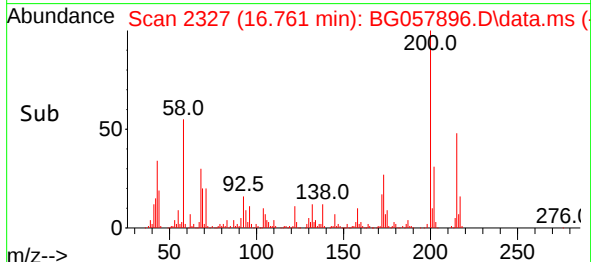
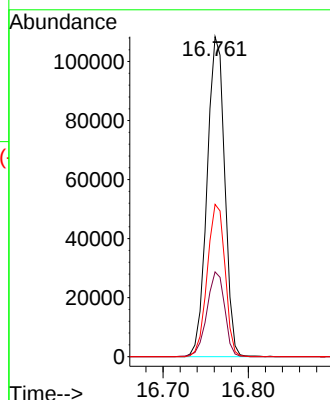
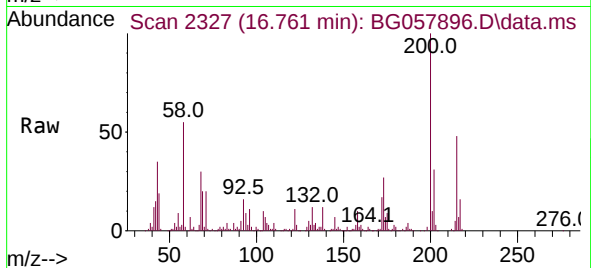
ESI-TP1MSD

Tgt Ion:200 Resp: 155828
 Ion Ratio Lower Upper
 200 100
 173 26.5 7.2 47.2
 215 47.6 26.9 66.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2023
 Supervised By :mohammad ahmed 06/29/2023



#70

Pentachlorophenol

Concen: 81.934 ng

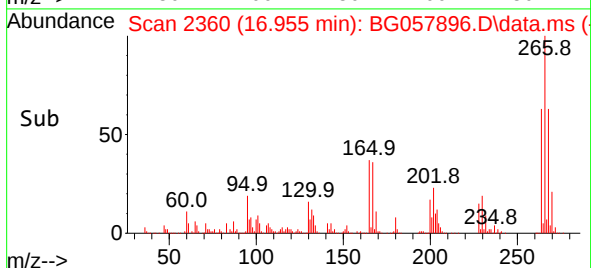
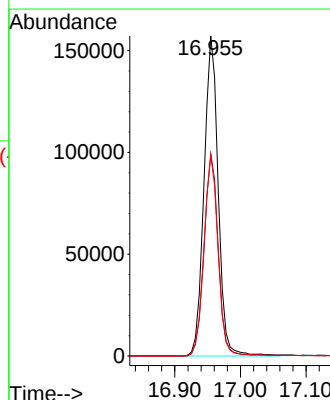
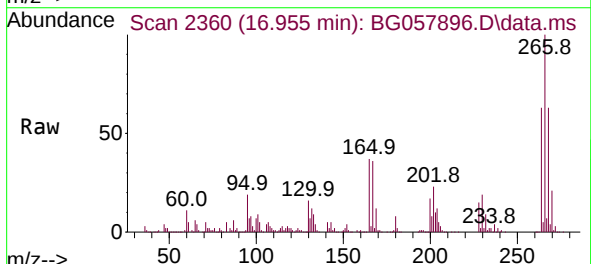
RT: 16.955 min Scan# 2360

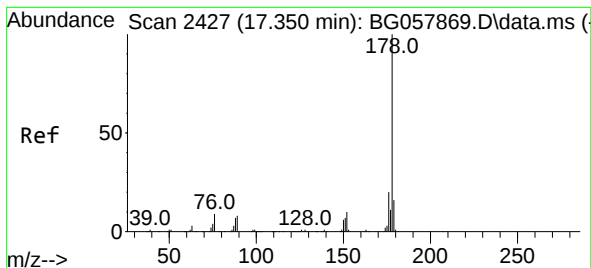
Delta R.T. 0.004 min

Lab File: BG057896.D

Acq: 28 Jun 2023 17:17

Tgt Ion:266 Resp: 237045
 Ion Ratio Lower Upper
 266 100
 268 63.1 52.2 78.2
 264 62.8 50.9 76.3





#71

Phenanthrene

Concen: 61.335 ng

RT: 17.348 min Scan# 2427

Delta R.T. -0.002 min

Lab File: BG057896.D

Acq: 28 Jun 2023 17:17

Instrument :

BNA_G

ClientSampleId :

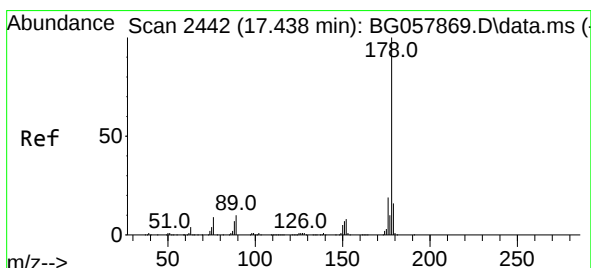
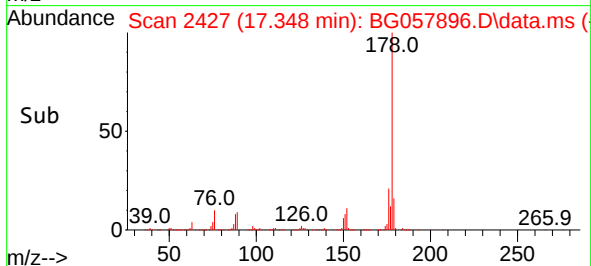
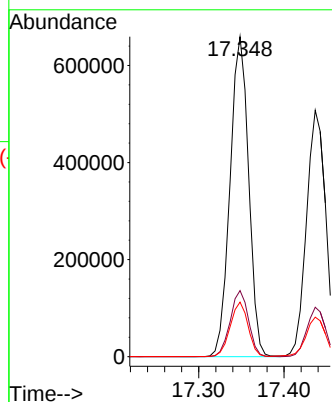
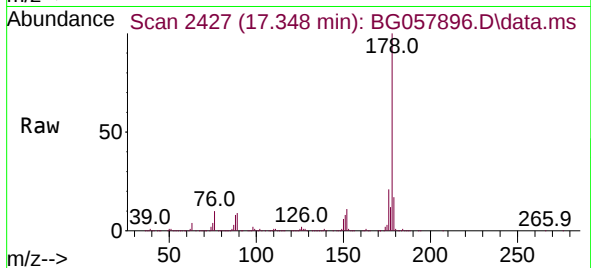
ESII-TP1MSD

Tgt Ion:178 Resp: 999234
 Ion Ratio Lower Upper
 178 100
 176 20.7 16.3 24.5
 179 17.0 13.2 19.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2023
 Supervised By :mohammad ahmed 06/29/2023



#72

Anthracene

Concen: 46.965 ng

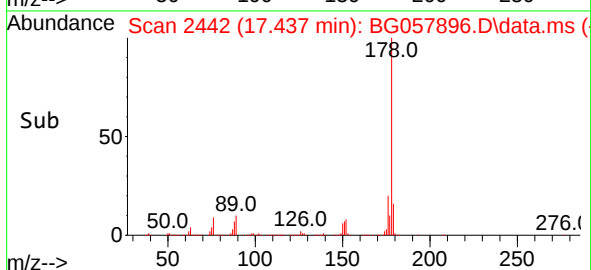
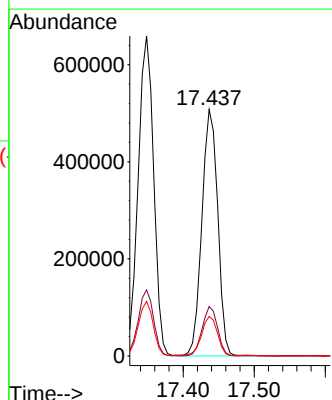
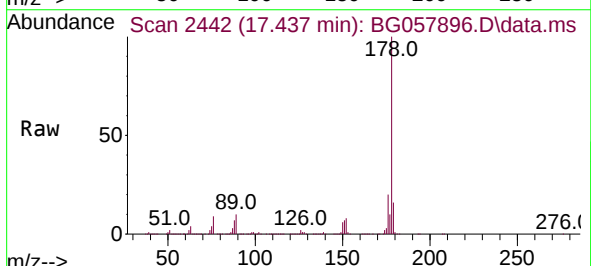
RT: 17.437 min Scan# 2442

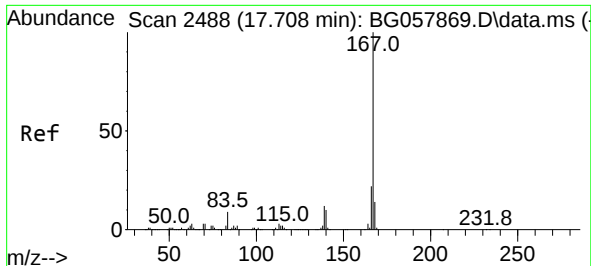
Delta R.T. -0.002 min

Lab File: BG057896.D

Acq: 28 Jun 2023 17:17

Tgt Ion:178 Resp: 789124
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.4 23.0
 179 16.0 12.9 19.3





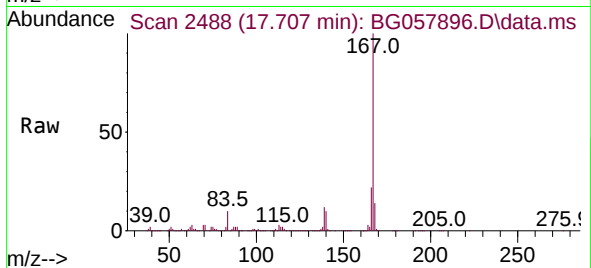
#73
 Carbazole
 Concen: 43.594 ng
 RT: 17.707 min Scan# 2488
 Delta R.T. -0.002 min
 Lab File: BG057896.D
 Acq: 28 Jun 2023 17:17

Instrument :

BNA_G

ClientSampleId :

ESI-TP1MSD

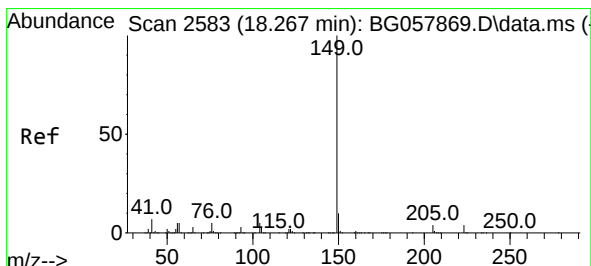
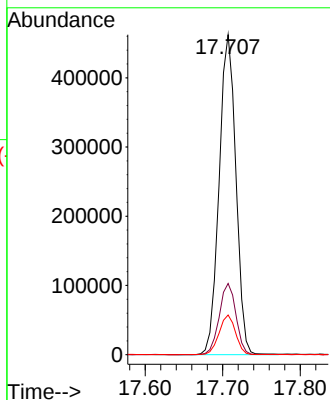
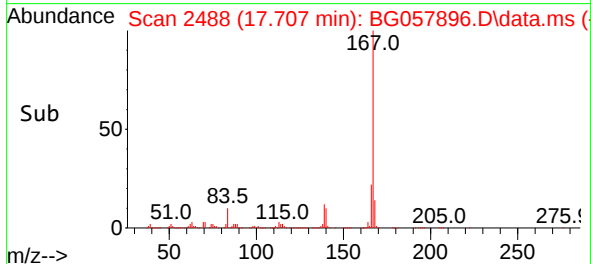


Tgt Ion:167 Resp: 696463
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.8 26.8
 139 12.4 9.8 14.8

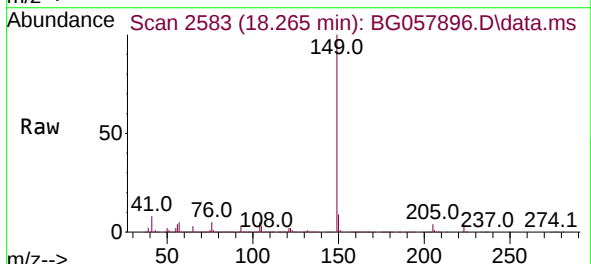
Manual Integrations

APPROVED

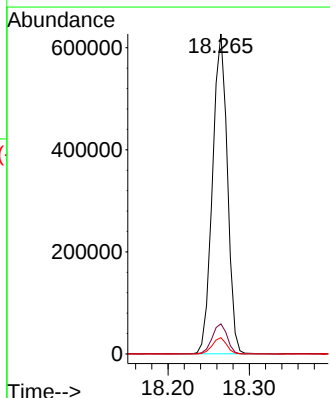
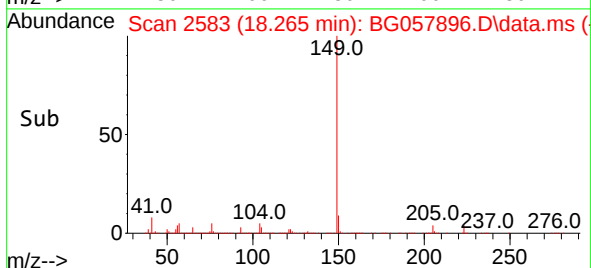
Reviewed By :Yogesh Patel 06/29/2023
 Supervised By :mohammad ahmed 06/29/2023

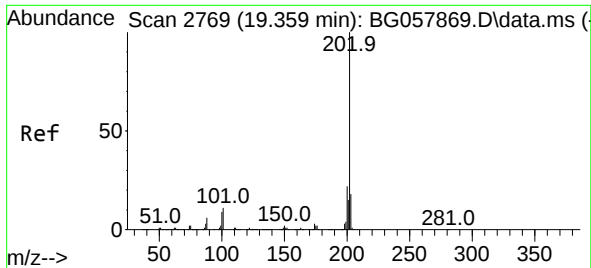


#74
 Di-n-butylphthalate
 Concen: 40.360 ng
 RT: 18.265 min Scan# 2583
 Delta R.T. -0.002 min
 Lab File: BG057896.D
 Acq: 28 Jun 2023 17:17



Tgt Ion:149 Resp: 796944
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.6 11.4
 104 5.1 3.9 5.9





#75
Fluoranthene
Concen: 54.866 ng
RT: 19.358 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG057896.D
Acq: 28 Jun 2023 17:17

Instrument :

BNA_G

ClientSampleId :

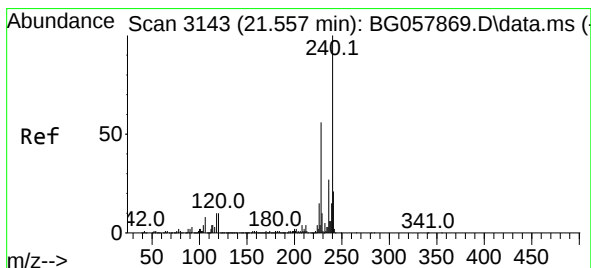
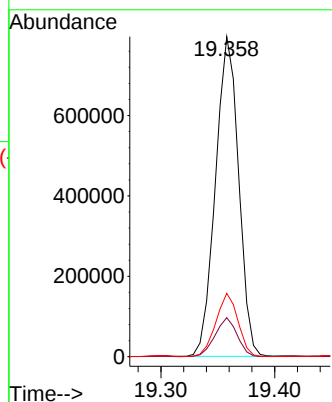
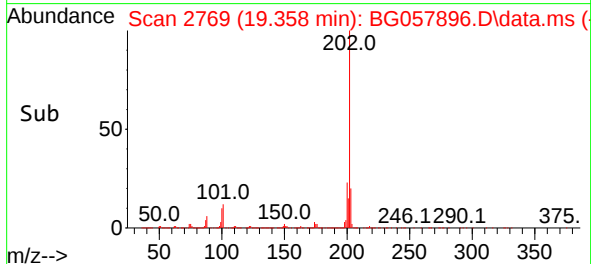
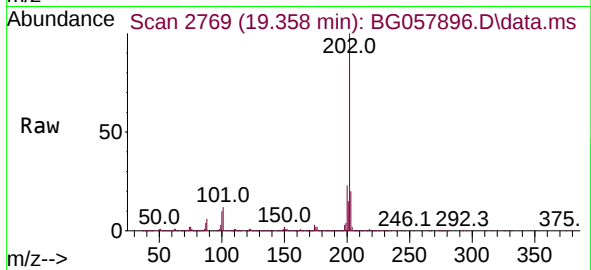
ESI-TP1MSD

Tgt Ion:202 Resp: 1126059
Ion Ratio Lower Upper
202 100
101 12.2 0.0 31.3
203 19.8 0.0 38.2

Manual Integrations

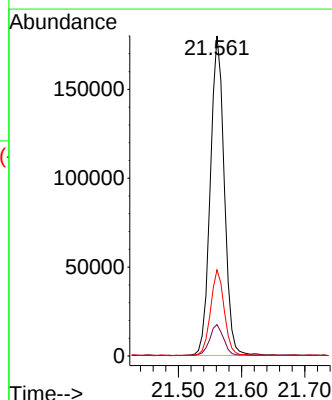
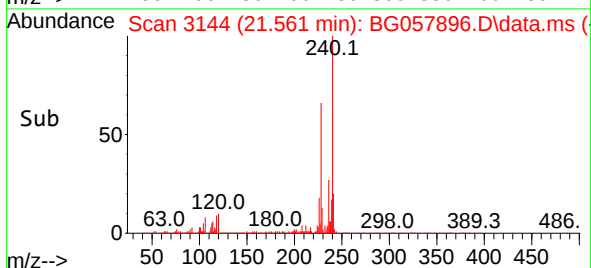
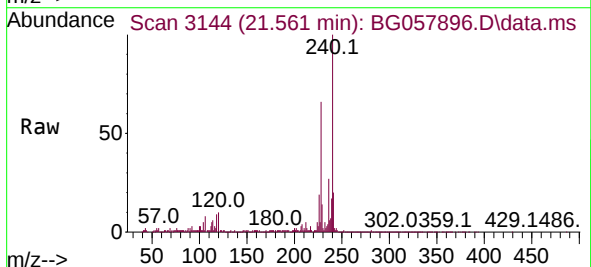
APPROVED

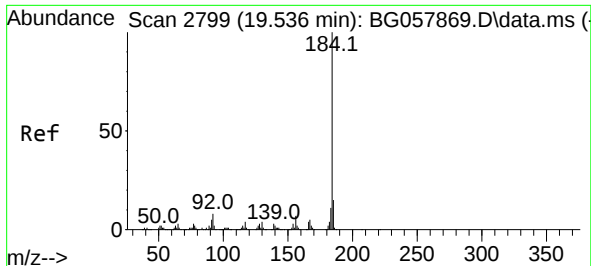
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.561 min Scan# 3144
Delta R.T. 0.004 min
Lab File: BG057896.D
Acq: 28 Jun 2023 17:17

Tgt Ion:240 Resp: 275076
Ion Ratio Lower Upper
240 100
120 9.8 8.1 12.1
236 26.9 21.9 32.9





#77
Benzidine
Concen: 81.834 ng
RT: 19.540 min Scan# 2799
Delta R.T. 0.004 min
Lab File: BG057896.D
Acq: 28 Jun 2023 17:17

Instrument :

BNA_G

ClientSampleId :

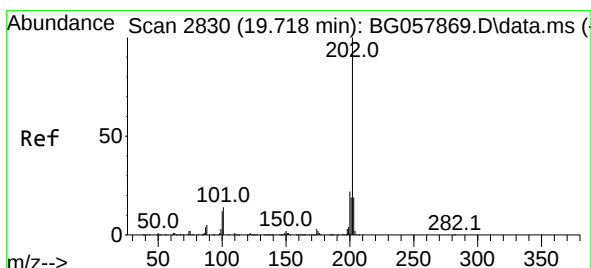
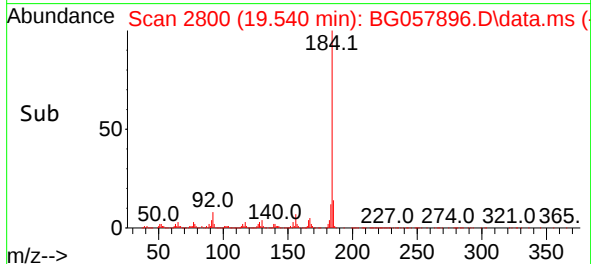
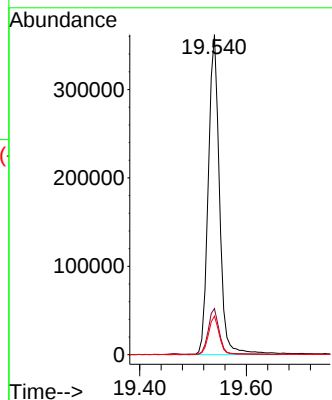
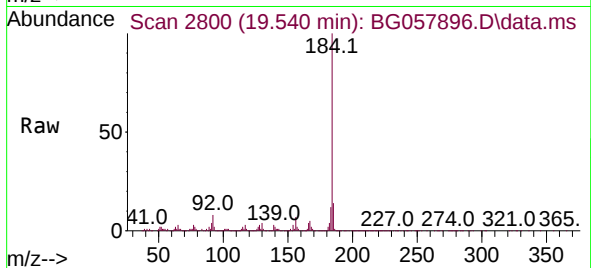
ESI-TP1MSD

Tgt Ion:184 Resp: 528118
Ion Ratio Lower Upper
184 100
185 14.4 11.7 17.5
183 12.0 9.0 13.4

Manual Integrations

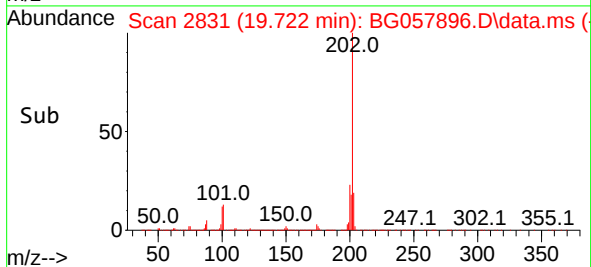
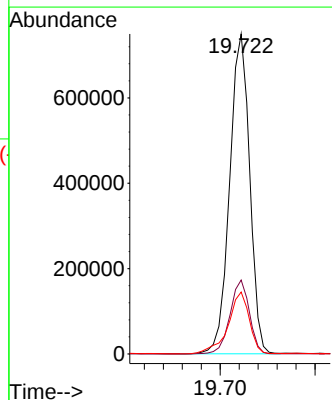
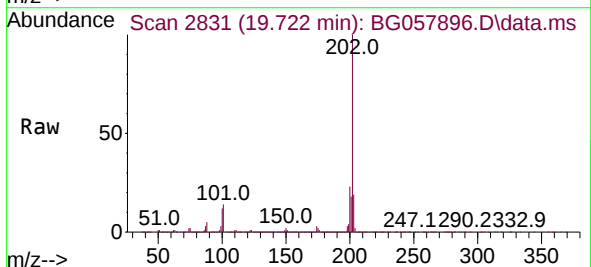
APPROVED

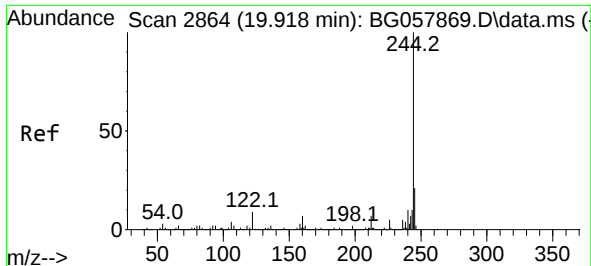
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#78
Pyrene
Concen: 55.912 ng
RT: 19.722 min Scan# 2831
Delta R.T. 0.004 min
Lab File: BG057896.D
Acq: 28 Jun 2023 17:17

Tgt Ion:202 Resp: 1098193
Ion Ratio Lower Upper
202 100
200 23.1 17.7 26.5
203 19.4 15.2 22.8





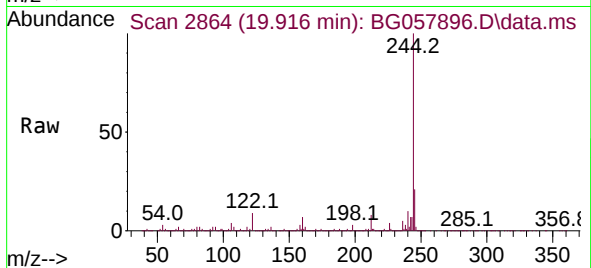
#79
 Terphenyl-d14
 Concen: 67.847 ng
 RT: 19.916 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG057896.D
 Acq: 28 Jun 2023 17:17

Instrument :

BNA_G

ClientSampleId :

ESI-TP1MSD

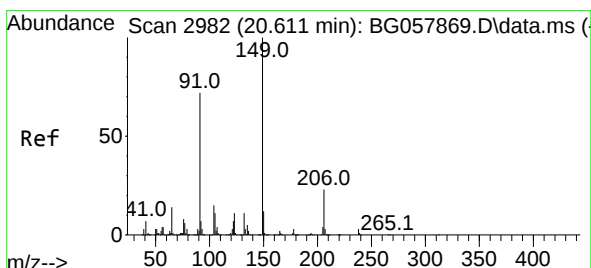
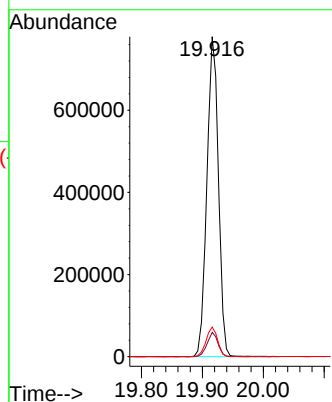
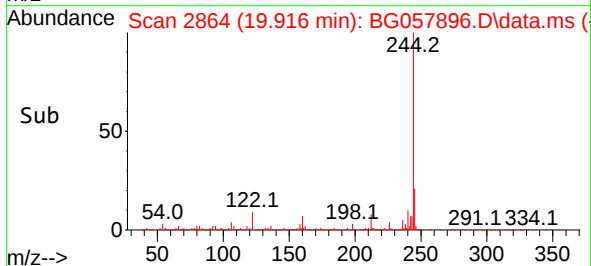


Tgt Ion:244 Resp: 102371
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.9 8.9
 122 9.3 7.4 11.0

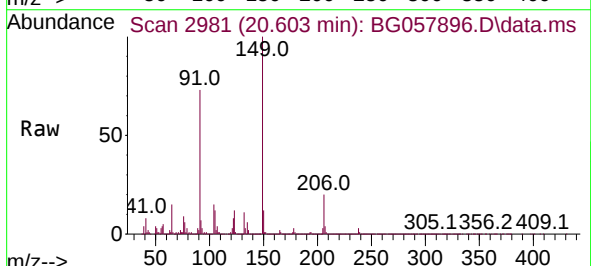
Manual Integrations

APPROVED

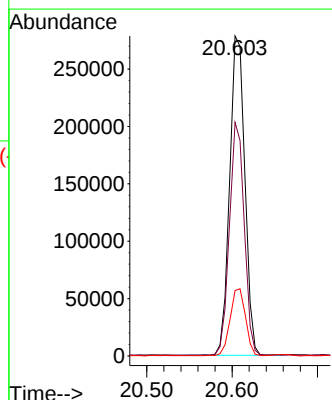
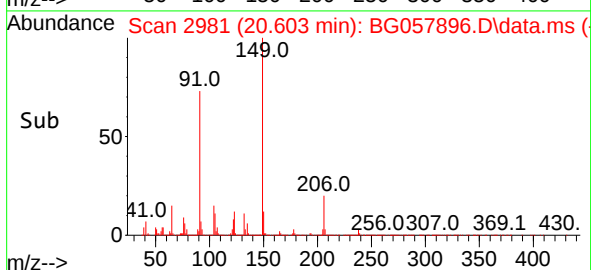
Reviewed By :Yogesh Patel 06/29/2023
 Supervised By :mohammad ahmed 06/29/2023

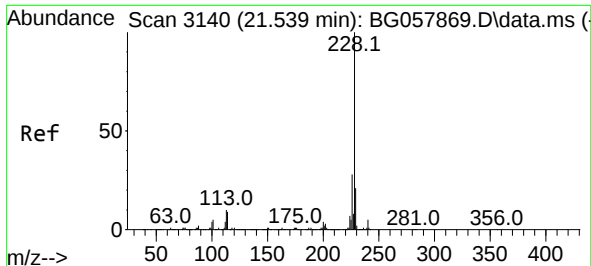


#80
 Butylbenzylphthalate
 Concen: 43.466 ng
 RT: 20.603 min Scan# 2981
 Delta R.T. -0.007 min
 Lab File: BG057896.D
 Acq: 28 Jun 2023 17:17



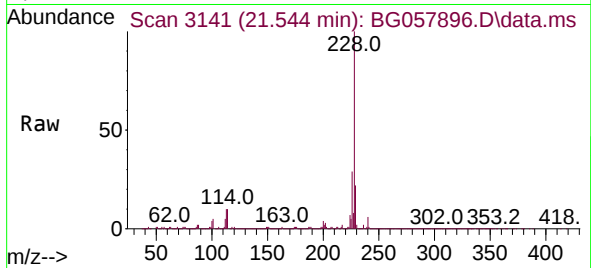
Tgt Ion:149 Resp: 346195
 Ion Ratio Lower Upper
 149 100
 91 73.0 57.4 86.2
 206 20.5 18.2 27.2





#81
Benzo(a)anthracene
Concen: 50.312 ng
RT: 21.544 min Scan# 3140
Delta R.T. 0.004 min
Lab File: BG057896.D
Acq: 28 Jun 2023 17:17

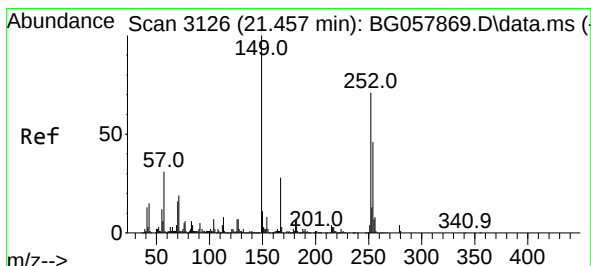
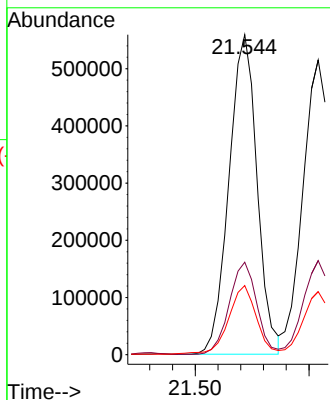
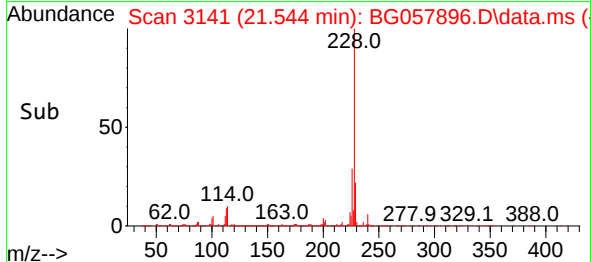
Instrument :
BNA_G
ClientSampleId :
ESII-TP1MSD



Tgt Ion:228 Resp: 957740
Ion Ratio Lower Upper
228 100
226 28.9 22.7 34.1
229 21.6 16.5 24.7

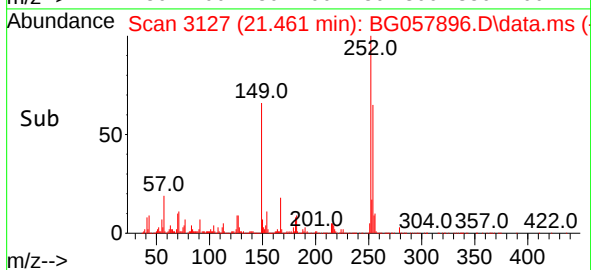
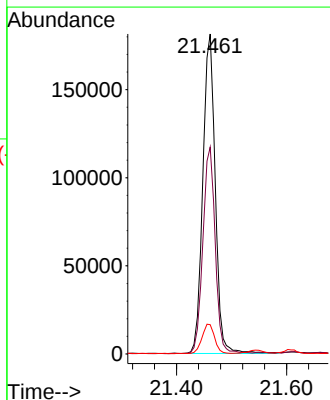
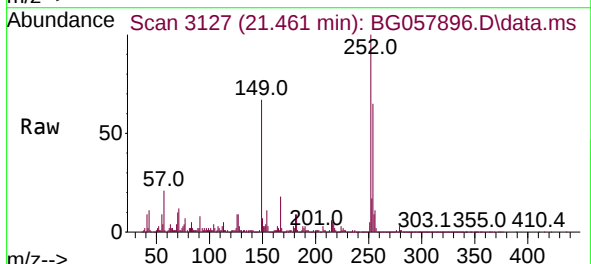
Manual Integrations
APPROVED

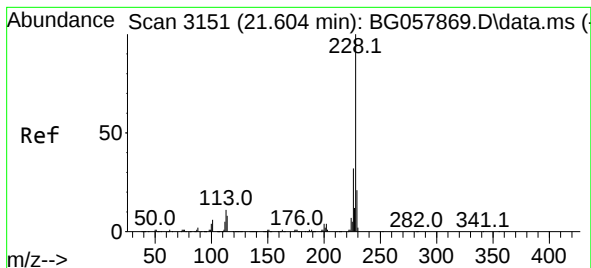
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#82
3,3'-Dichlorobenzidine
Concen: 41.986 ng
RT: 21.461 min Scan# 3127
Delta R.T. 0.004 min
Lab File: BG057896.D
Acq: 28 Jun 2023 17:17

Tgt Ion:252 Resp: 284394
Ion Ratio Lower Upper
252 100
254 64.7 51.5 77.3
126 9.2 7.4 11.2





#83

Chrysene

Concen: 49.331 ng

RT: 21.608 min Scan# 3151

Delta R.T. 0.004 min

Lab File: BG057896.D

Acq: 28 Jun 2023 17:17

Instrument :

BNA_G

ClientSampleId :

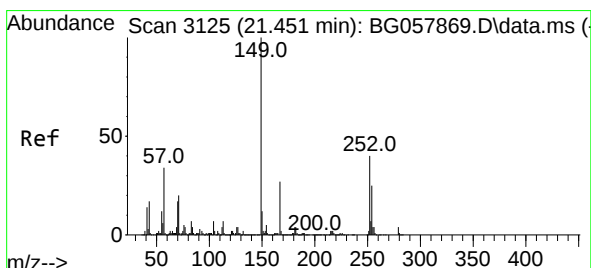
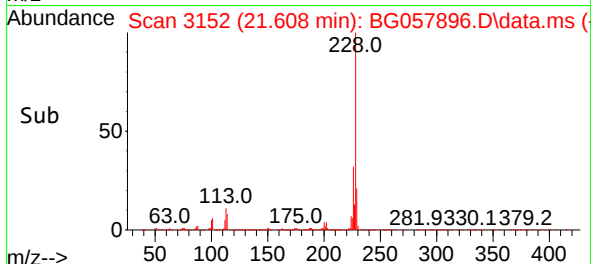
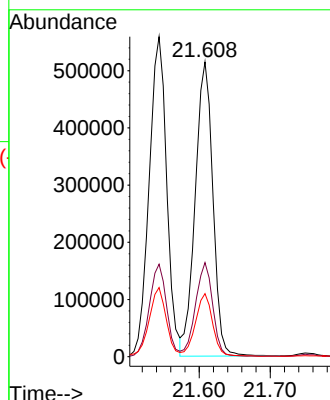
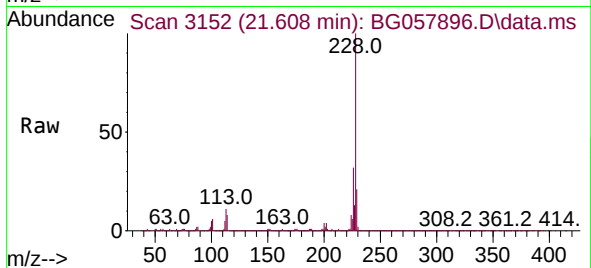
ESI-TP1MSD

Tgt Ion:228 Resp: 88888
 Ion Ratio Lower Upper
 228 100
 226 31.9 25.3 37.9
 229 21.4 16.5 24.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2023
 Supervised By :mohammad ahmed 06/29/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.595 ng

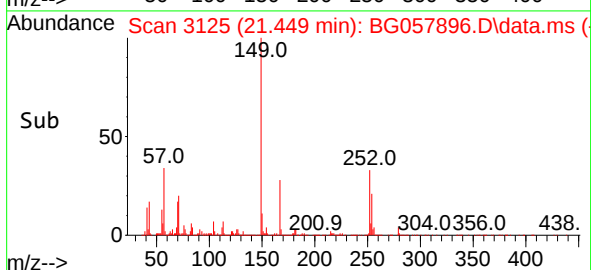
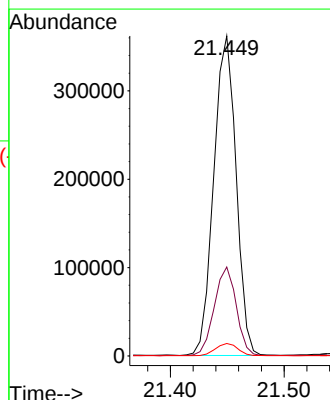
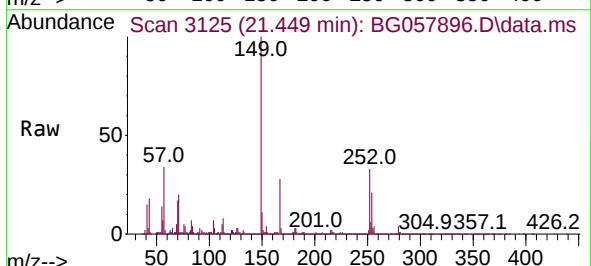
RT: 21.449 min Scan# 3125

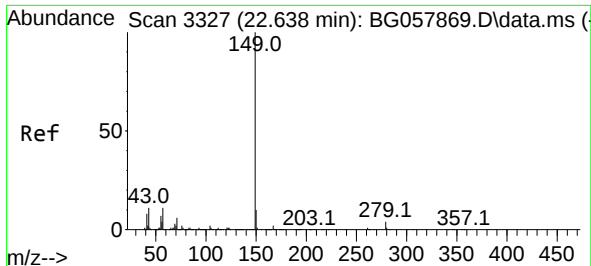
Delta R.T. -0.002 min

Lab File: BG057896.D

Acq: 28 Jun 2023 17:17

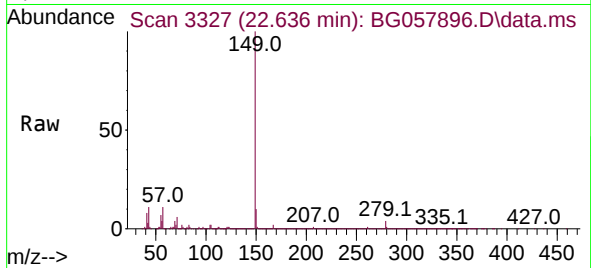
Tgt Ion:149 Resp: 492974
 Ion Ratio Lower Upper
 149 100
 167 27.8 21.8 32.8
 279 3.9 3.0 4.6





#85
Di-n-octyl phthalate
Concen: 44.344 ng
RT: 22.636 min Scan# 31
Delta R.T. -0.002 min
Lab File: BG057896.D
Acq: 28 Jun 2023 17:17

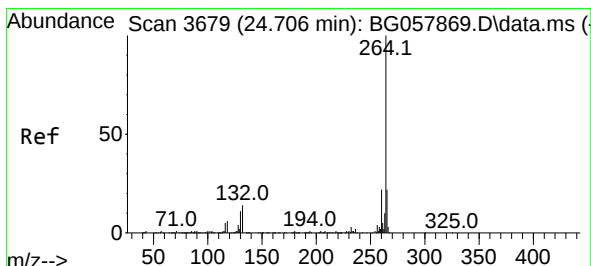
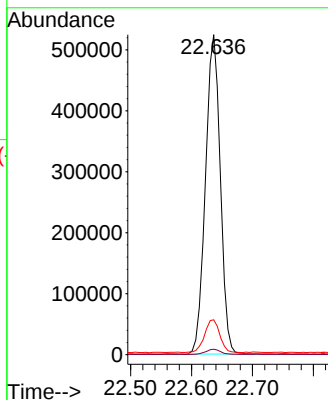
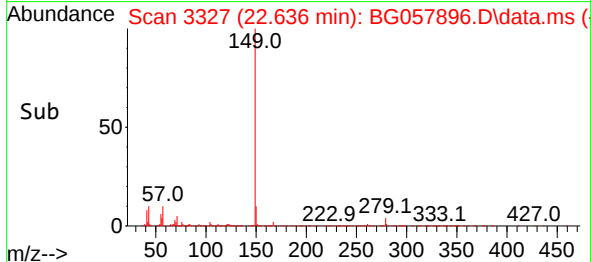
Instrument :
BNA_G
ClientSampleId :
ESII-TP1MSD



Tgt Ion:149 Resp: 884860
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 10.5 9.0 13.4

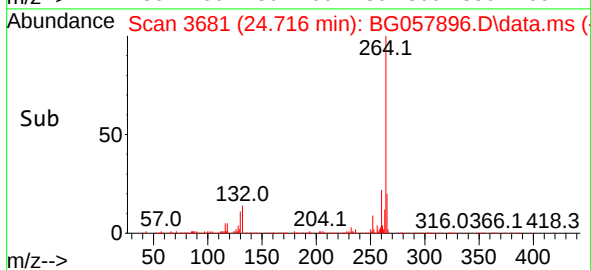
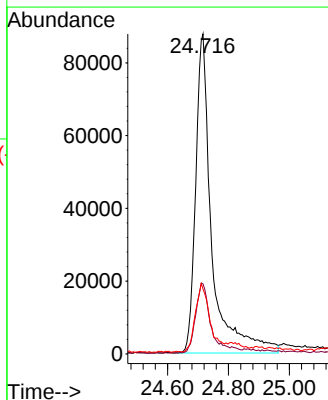
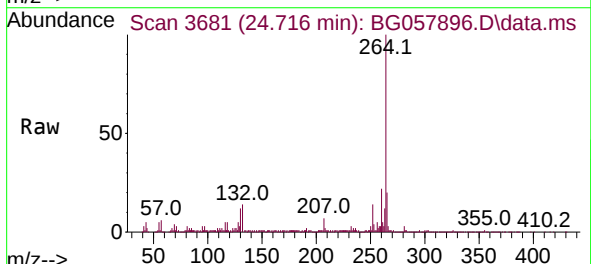
Manual Integrations
APPROVED

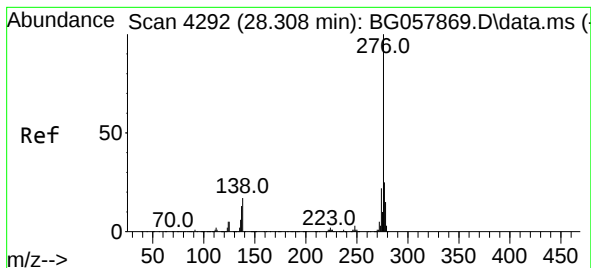
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.716 min Scan# 3681
Delta R.T. 0.010 min
Lab File: BG057896.D
Acq: 28 Jun 2023 17:17

Tgt Ion:264 Resp: 322498
Ion Ratio Lower Upper
264 100
260 21.9 17.8 26.8
265 20.3 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 28.308 ng

RT: 28.312 min Scan# 4293

Delta R.T. 0.004 min

Lab File: BG057896.D

Acq: 28 Jun 2023 17:17

Instrument :

BNA_G

ClientSampleId :

ESI-TP1MSD

Tgt Ion: 276 Resp: 604778

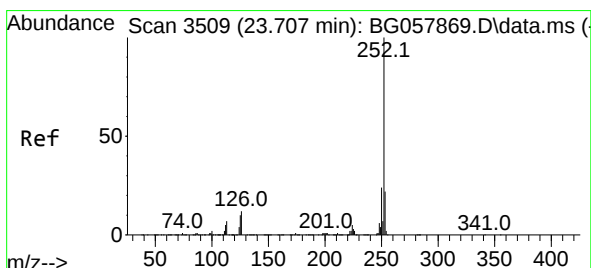
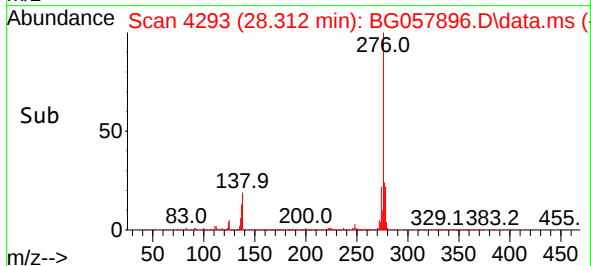
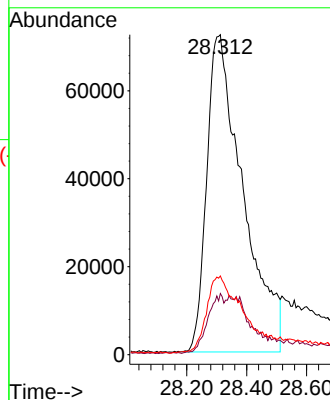
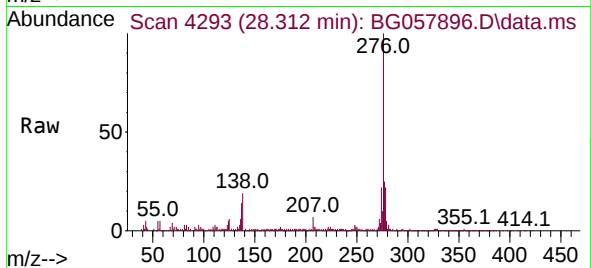
Ion	Ratio	Lower	Upper
276	100		
138	8.2	12.2	18.4
277	25.1	20.4	30.6

Manual Integrations

APPROVED

Reviewed By : Yogesh Patel 06/29/2023

Supervised By : mohammad ahmed 06/29/2023



#88

Benzo(b)fluoranthene

Concen: 47.322 ng

RT: 23.717 min Scan# 3511

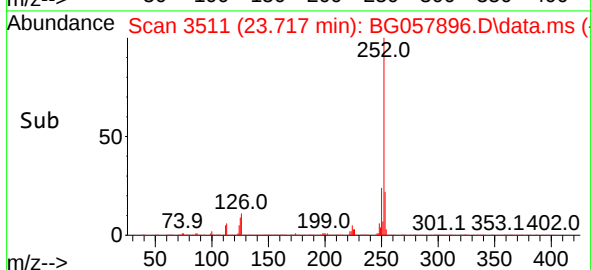
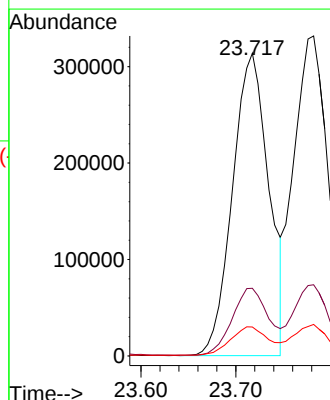
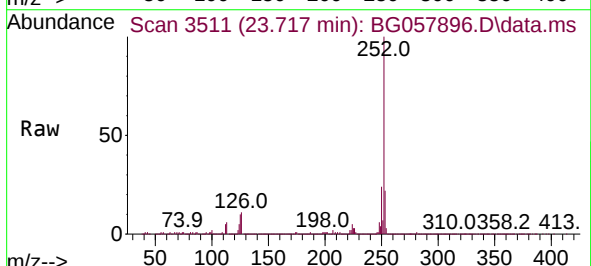
Delta R.T. 0.010 min

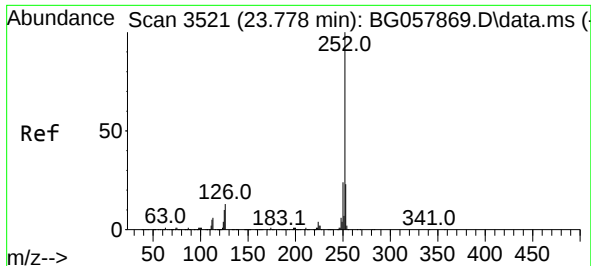
Lab File: BG057896.D

Acq: 28 Jun 2023 17:17

Tgt Ion: 252 Resp: 832378

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.7	26.5
125	9.6	7.7	11.5





#89
Benzo(k)fluoranthene
Concen: 51.103 ng
RT: 23.782 min Scan# 3521
Delta R.T. 0.004 min
Lab File: BG057896.D
Acq: 28 Jun 2023 17:17

Instrument :

BNA_G

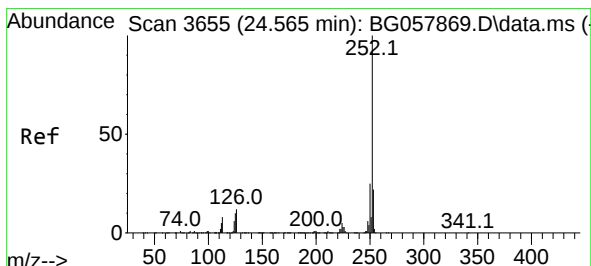
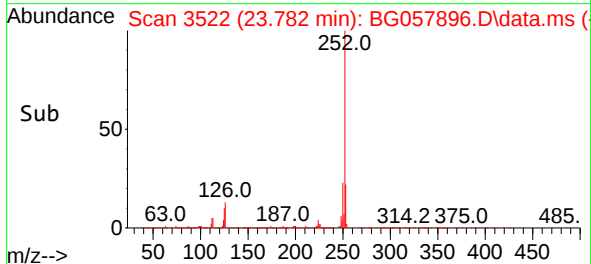
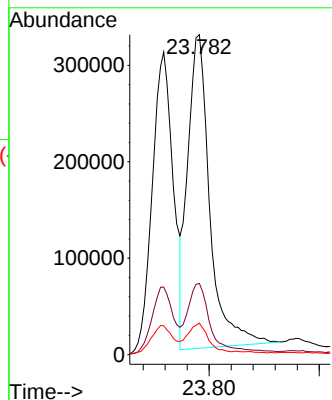
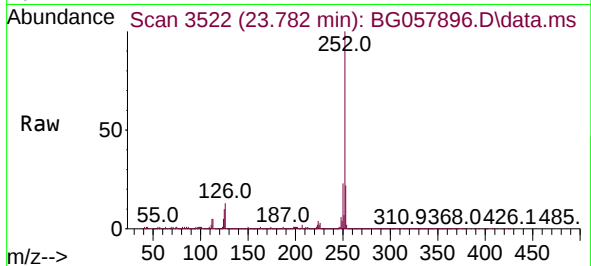
ClientSampleId :

ESI-TP1MSD

Tgt Ion:252 Resp: 90848
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 9.9 7.8 11.6

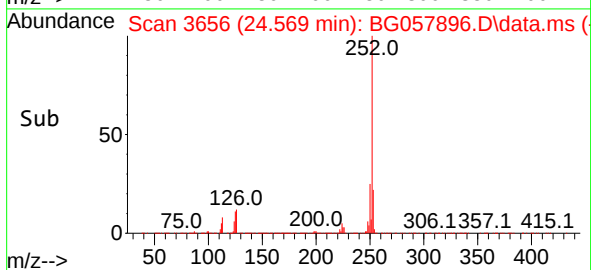
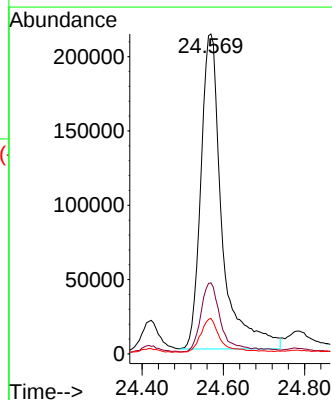
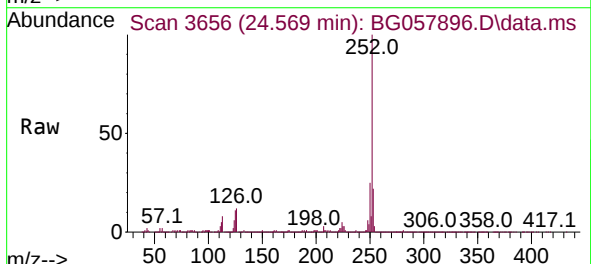
Manual Integrations
APPROVED

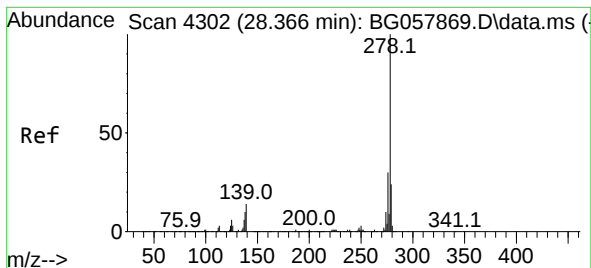
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#90
Benzo(a)pyrene
Concen: 43.981 ng
RT: 24.569 min Scan# 3656
Delta R.T. 0.004 min
Lab File: BG057896.D
Acq: 28 Jun 2023 17:17

Tgt Ion:252 Resp: 766338
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 11.1 8.0 12.0





#91

Dibenzo(a,h)anthracene

Concen: 29.522 ng

RT: 28.371 min Scan# 41

Delta R.T. 0.004 min

Lab File: BG057896.D

Acq: 28 Jun 2023 17:17

Instrument :

BNA_G

ClientSampleId :

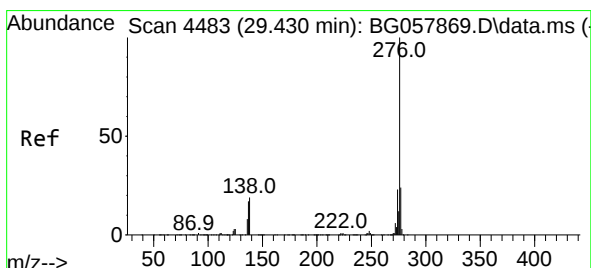
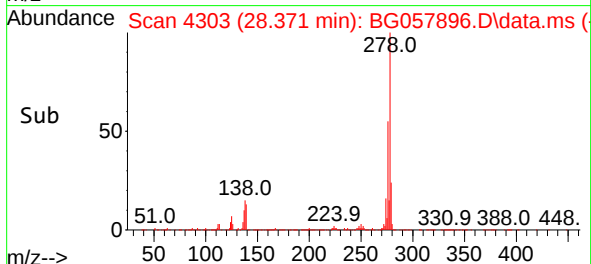
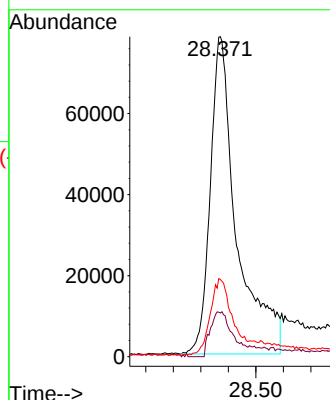
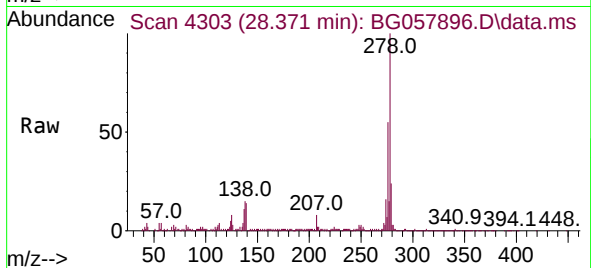
ESI-TP1MSD

Tgt Ion:278 Resp: 523184
 Ion Ratio Lower Upper
 278 100
 139 13.6 11.0 16.4
 279 24.1 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2023
 Supervised By :mohammad ahmed 06/29/2023



#92

Benzo(g,h,i)perylene

Concen: 23.895 ng m

RT: 29.428 min Scan# 4483

Delta R.T. -0.002 min

Lab File: BG057896.D

Acq: 28 Jun 2023 17:17

Tgt Ion:276 Resp: 420845
 Ion Ratio Lower Upper
 276 100
 277 25.6 19.4 29.2
 138 18.7 15.0 22.6

