

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062823\
 Data File : BG057895.D
 Acq On : 28 Jun 2023 16:35
 Operator : CG/JU
 Sample : 03415-08MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ESII-TP1MS

Quant Time: Jun 28 17:51:49 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.924	152	60178	20.000	ng	0.00
21) Naphthalene-d8	10.727	136	250114	20.000	ng	0.00
39) Acenaphthene-d10	14.564	164	154525	20.000	ng	0.00
64) Phenanthrene-d10	17.308	188	328653	20.000	ng	0.00
76) Chrysene-d12	21.567	240	266959	20.000	ng	0.01
86) Perylene-d12	24.717	264	297248	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	456843	116.150	ng	0.00
7) Phenol-d6	7.090	99	628411	106.844	ng	0.00
23) Nitrobenzene-d5	9.088	82	376707	73.813	ng	0.00
42) 2,4,6-Tribromophenol	16.050	330	255741	98.536	ng	0.00
45) 2-Fluorobiphenyl	13.183	172	765784	75.626	ng	0.00
79) Terphenyl-d14	19.922	244	1058298	72.272	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.394	88	62627	34.739	ng	99
3) Pyridine	3.788	79	170551	32.783	ng	98
4) n-Nitrosodimethylamine	3.706	42	87088	40.614	ng	92
6) Aniline	7.249	93	206778	28.143	ng	99
8) 2-Chlorophenol	7.490	128	197598	50.045	ng	99
9) Benzaldehyde	7.061	77	163521m	57.932	ng	
10) Phenol	7.120	94	264042	46.198	ng	97
11) bis(2-Chloroethyl)ether	7.343	93	188239	43.686	ng	99
12) 1,3-Dichlorobenzene	7.813	146	200501	49.368	ng	99
13) 1,4-Dichlorobenzene	7.960	146	200598	49.174	ng	99
14) 1,2-Dichlorobenzene	8.277	146	196993	49.899	ng	97
15) Benzyl Alcohol	8.159	79	185545	42.818	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.453	45	316375m	44.094	ng	
17) 2-Methylphenol	8.365	107	183339	43.269	ng	99
18) Hexachloroethane	9.006	117	70673	49.718	ng	99
19) n-Nitroso-di-n-propyla...	8.729	70	154026	39.137	ng	98
20) 3+4-Methylphenols	8.694	107	248170	42.038	ng	98
22) Acetophenone	8.747	105	302718	43.488	ng	# 100
24) Nitrobenzene	9.129	77	227405	44.392	ng	97
25) Isophorone	9.652	82	443110	40.213	ng	98
26) 2-Nitrophenol	9.840	139	102287	49.003	ng	97
27) 2,4-Dimethylphenol	9.899	122	190302	47.285	ng	98
28) bis(2-Chloroethoxy)met...	10.134	93	256690	43.348	ng	99
29) 2,4-Dichlorophenol	10.375	162	190093	48.163	ng	99
30) 1,2,4-Trichlorobenzene	10.592	180	212513	50.013	ng	100
31) Naphthalene	10.780	128	604098	45.247	ng	99
32) Benzoic acid	10.046	122	133237	42.327	ng	96
33) 4-Chloroaniline	10.886	127	152865	24.335	ng	100
34) Hexachlorobutadiene	11.062	225	130567	49.820	ng	98
35) Caprolactam	11.679	113	60783m	35.535	ng	
36) 4-Chloro-3-methylphenol	12.014	107	214449	40.925	ng	98
37) 2-Methylnaphthalene	12.384	142	409405	41.599	ng	99
38) 1-Methylnaphthalene	12.607	142	386367	41.546	ng	98
40) 1,2,4,5-Tetrachloroben...	12.754	216	228054	52.752	ng	99
41) Hexachlorocyclopentadiene	12.731	237	78070	33.592	ng	98
43) 2,4,6-Trichlorophenol	12.995	196	164525	51.628	ng	98

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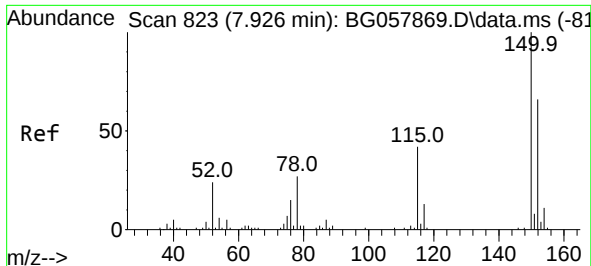
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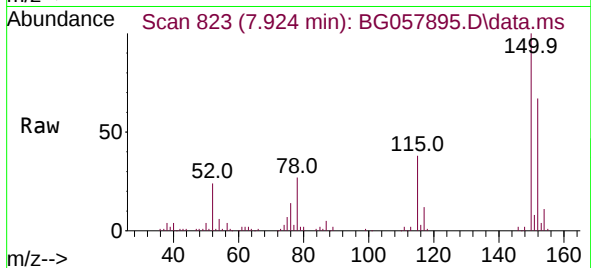
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.071	196	174057	45.891	ng	97
46) 1,1'-Biphenyl	13.395	154	514768	48.908	ng	99
47) 2-Chloronaphthalene	13.442	162	404476	50.040	ng	98
48) 2-Nitroaniline	13.641	65	146048	45.347	ng	90
49) Acenaphthylene	14.282	152	640529	45.186	ng	99
50) Dimethylphthalate	14.017	163	502106	40.997	ng	98
51) 2,6-Dinitrotoluene	14.135	165	109071	42.892	ng	97
52) Acenaphthene	14.628	154	388501	46.915	ng	99
53) 3-Nitroaniline	14.464	138	102321	35.394	ng	98
54) 2,4-Dinitrophenol	14.670	184	19906	14.169	ng	97
55) Dibenzofuran	14.963	168	633621	44.609	ng	98
56) 4-Nitrophenol	14.781	139	197617	83.379	ng	98
57) 2,4-Dinitrotoluene	14.928	165	149541	40.527	ng	94
58) Fluorene	15.610	166	490338	42.772	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.187	232	148154	43.090	ng	99
60) Diethylphthalate	15.380	149	501491	38.845	ng	100
61) 4-Chlorophenyl-phenyle...	15.598	204	257147	41.819	ng	97
62) 4-Nitroaniline	15.633	138	109484	36.105	ng	98
63) Azobenzene	15.892	77	521760	42.262	ng	99
65) 4,6-Dinitro-2-methylph...	15.686	198	18360	10.381	ng	100
66) n-Nitrosodiphenylamine	15.815	169	419029	49.960	ng	99
67) 4-Bromophenyl-phenylether	16.497	248	171257	49.364	ng	98
68) Hexachlorobenzene	16.614	284	186267	50.844	ng	98
69) Atrazine	16.767	200	165803	53.230	ng	99
70) Pentachlorophenol	16.961	266	243430	86.888	ng	99
71) Phenanthrene	17.349	178	1041240	66.000	ng	100
72) Anthracene	17.443	178	823007	50.581	ng	99
73) Carbazole	17.707	167	722779	46.719	ng	99
74) Di-n-butylphthalate	18.265	149	833043	43.566	ng	100
75) Fluoranthene	19.364	202	1171924	58.965	ng	98
77) Benzidine	19.540	184	511659	81.694	ng	99
78) Pyrene	19.722	202	1141142	59.866	ng	98
80) Butylbenzylphthalate	20.610	149	357454	46.245	ng	99
81) Benzo(a)anthracene	21.544	228	1004328	54.363	ng	99
82) 3,3'-Dichlorobenzidine	21.462	252	280842	42.722	ng	99
83) Chrysene	21.614	228	918690	52.536	ng	100
84) Bis(2-ethylhexyl)phtha...	21.450	149	510564	46.523	ng	99
85) Di-n-octyl phthalate	22.637	149	923956	47.710	ng	98
87) Indeno(1,2,3-cd)pyrene	28.306	276	667206	33.883	ng	# 92
88) Benzo(b)fluoranthene	23.724	252	881177	54.352	ng	99
89) Benzo(k)fluoranthene	23.788	252	935401	57.087	ng	100
90) Benzo(a)pyrene	24.576	252	803977	50.061	ng	99
91) Dibenzo(a,h)anthracene	28.377	278	517140	31.659	ng	98
92) Benzo(g,h,i)perylene	29.440	276	459143m	28.283	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: BG057895.D
Acq: 28 Jun 2023 16:35

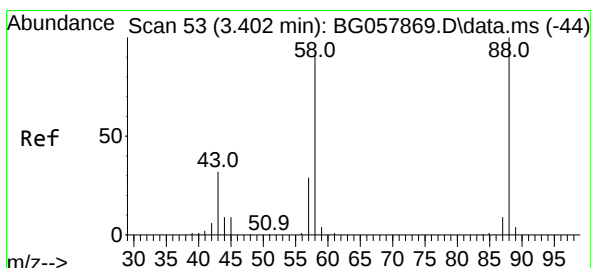
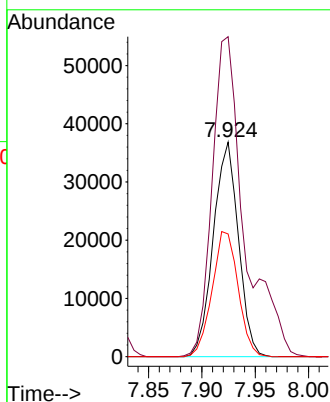
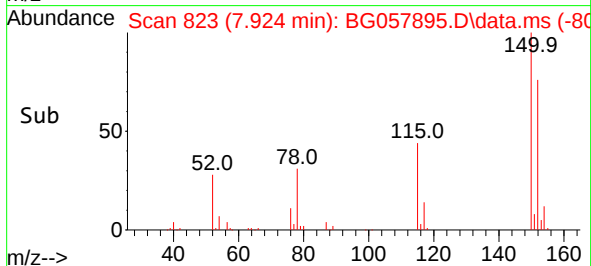
Instrument :
BNA_G
ClientSampleId :
ESI-TP1MS



Tgt Ion:152 Resp: 60178
Ion Ratio Lower Upper
152 100
150 149.2 122.0 183.0
115 57.2 50.7 76.1

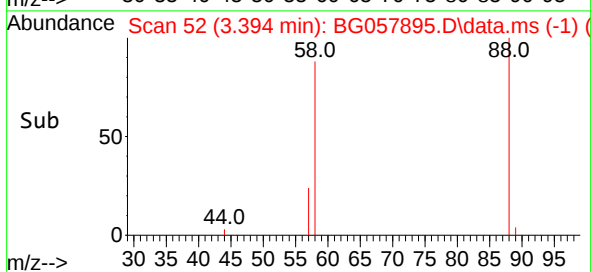
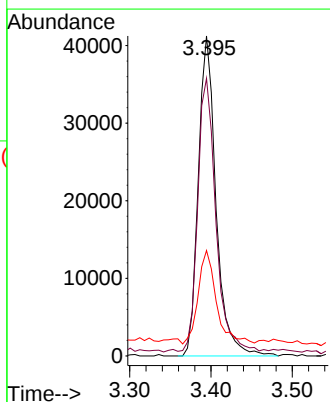
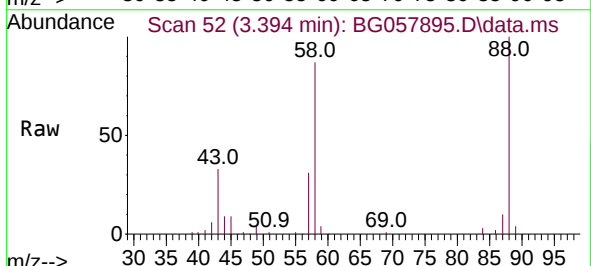
Manual Integrations
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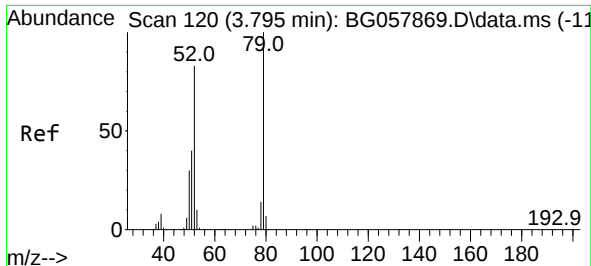
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#2
1,4-Dioxane
Concen: 34.739 ng
RT: 3.394 min Scan# 52
Delta R.T. -0.007 min
Lab File: BG057895.D
Acq: 28 Jun 2023 16:35

Tgt Ion: 88 Resp: 62627
Ion Ratio Lower Upper
88 100
58 87.9 70.7 106.1
43 29.9 22.9 34.3





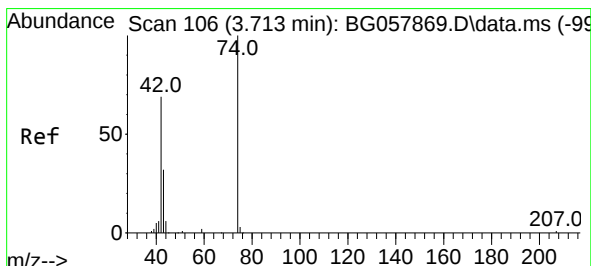
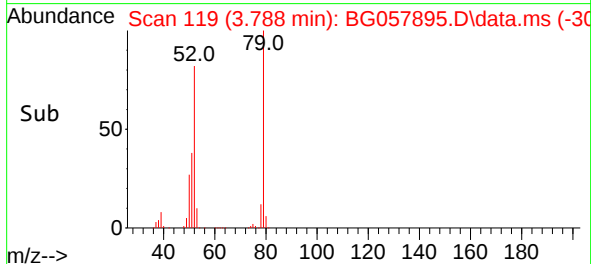
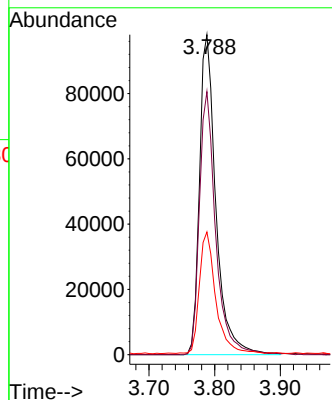
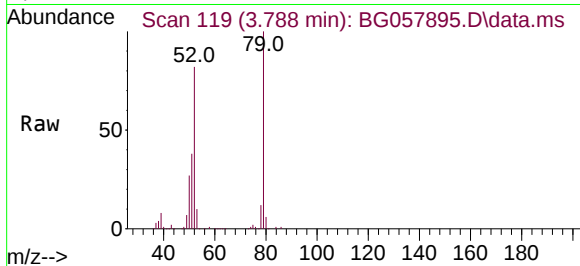
#3
Pyridine
Concen: 32.783 ng
RT: 3.788 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG057895.D
Acq: 28 Jun 2023 16:35

Instrument :
BNA_G
ClientSampleId :
ESI-TP1MS

Tgt Ion: 79 Resp: 17055
Ion Ratio Lower Upper
79 100
52 82.2 66.6 99.8
51 38.4 32.2 48.2

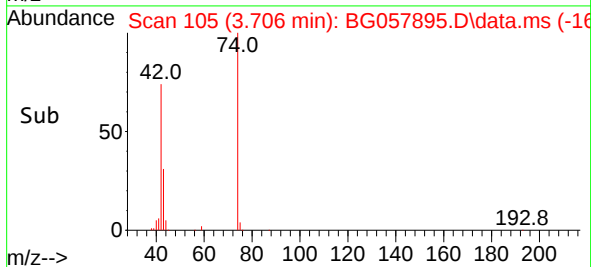
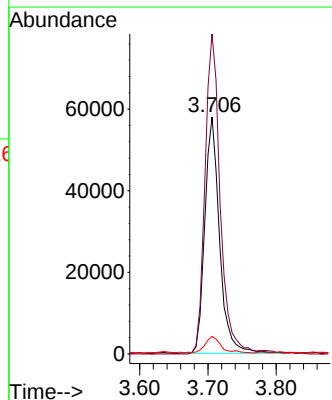
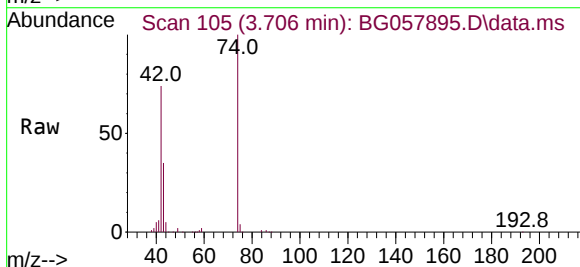
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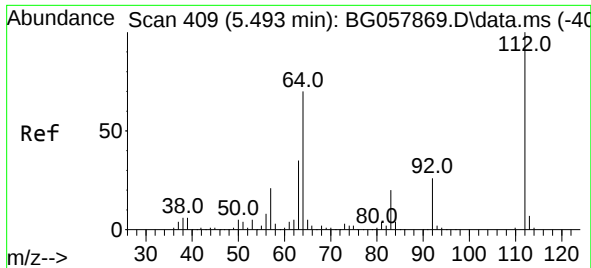
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#4
n-Nitrosodimethylamine
Concen: 40.614 ng
RT: 3.706 min Scan# 105
Delta R.T. -0.007 min
Lab File: BG057895.D
Acq: 28 Jun 2023 16:35

Tgt Ion: 42 Resp: 87088
Ion Ratio Lower Upper
42 100
74 135.1 116.2 174.2
44 7.4 7.3 10.9





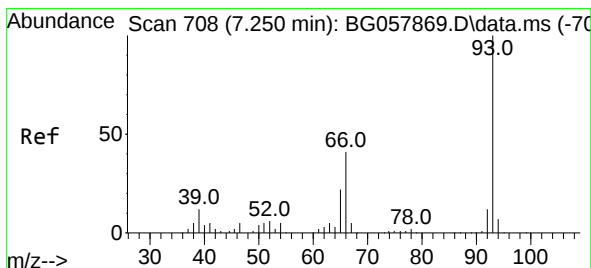
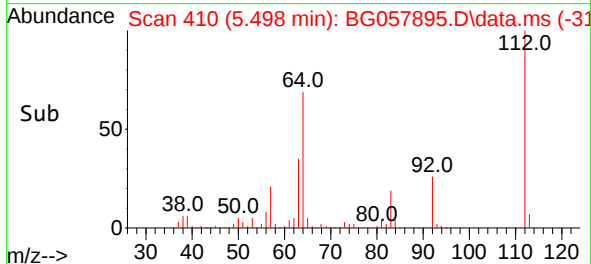
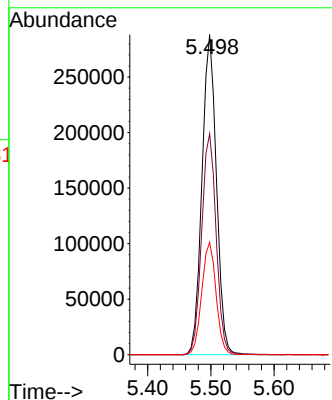
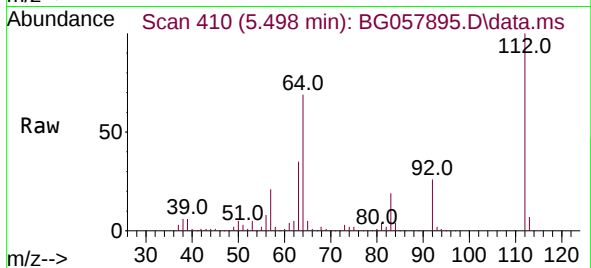
#5
2-Fluorophenol
Concen: 116.150 ng
RT: 5.498 min Scan# 410
Delta R.T. 0.005 min
Lab File: BG057895.D
Acq: 28 Jun 2023 16:35

Instrument :
BNA_G
ClientSampleId :
ESII-TP1MS

Tgt Ion:112 Resp: 45684
Ion Ratio Lower Upper
112 100
64 69.0 55.8 83.6
63 35.1 27.9 41.9

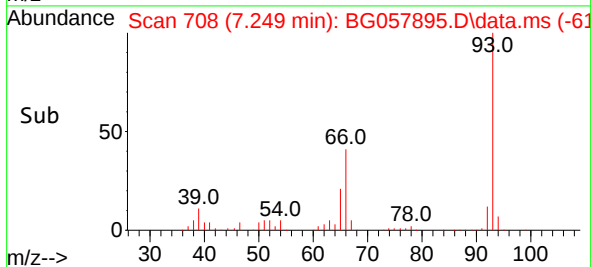
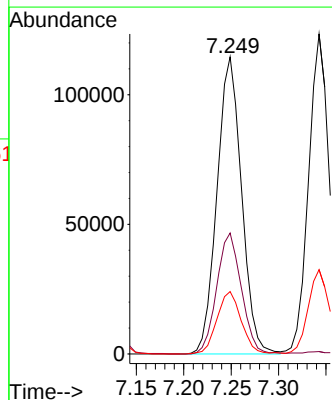
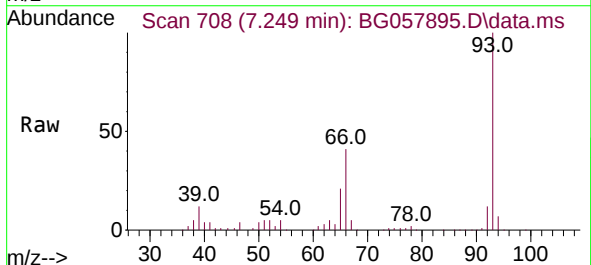
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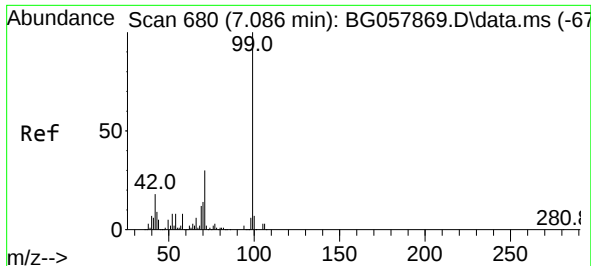
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#6
Aniline
Concen: 28.143 ng
RT: 7.249 min Scan# 708
Delta R.T. -0.001 min
Lab File: BG057895.D
Acq: 28 Jun 2023 16:35

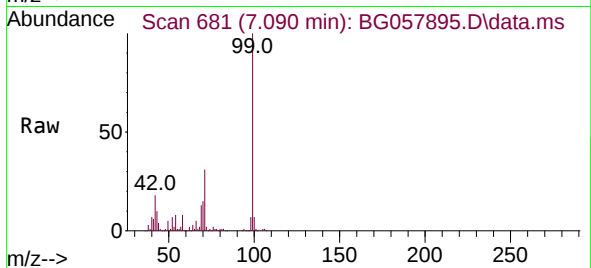
Tgt Ion: 93 Resp: 206778
Ion Ratio Lower Upper
93 100
66 40.7 32.8 49.2
65 21.0 17.7 26.5





#7
Phenol-d6
Concen: 106.844 ng
RT: 7.090 min Scan# 681
Delta R.T. 0.005 min
Lab File: BG057895.D
Acq: 28 Jun 2023 16:35

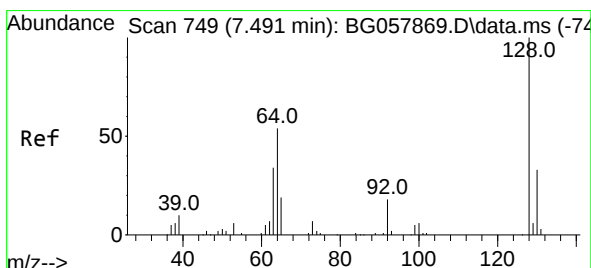
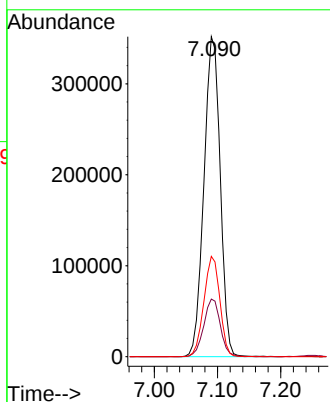
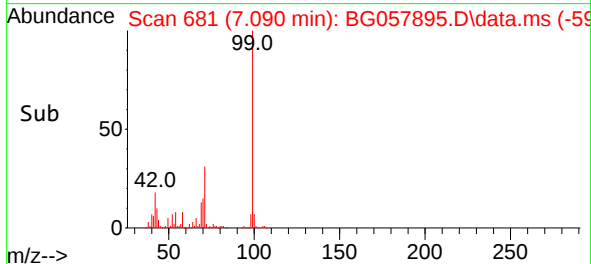
Instrument :
BNA_G
ClientSampleId :
ESI-TP1MS



Tgt Ion: 99 Resp: 62841
Ion Ratio Lower Upper
99 100
42 18.0 14.2 21.4
71 31.4 23.9 35.9

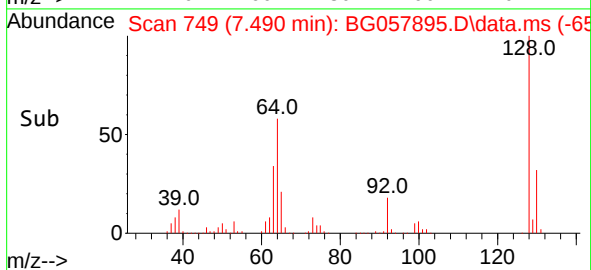
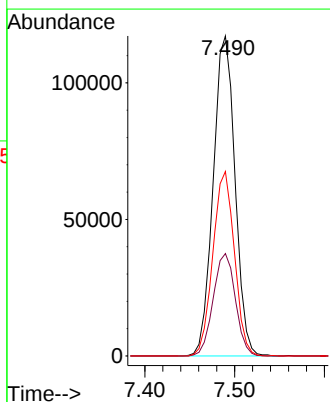
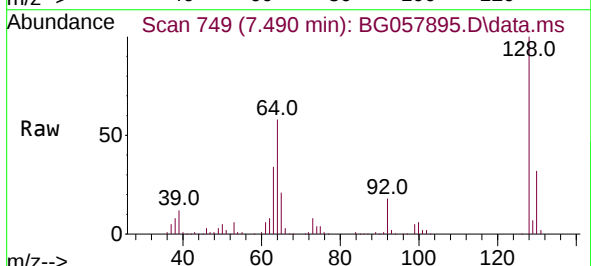
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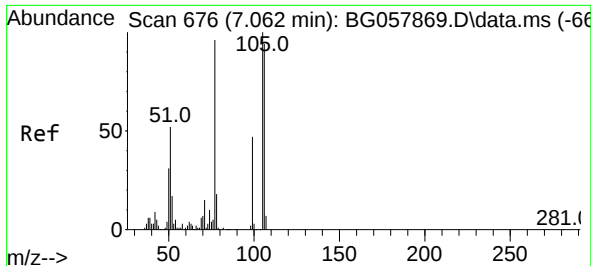
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#8
2-Chlorophenol
Concen: 50.045 ng
RT: 7.490 min Scan# 749
Delta R.T. -0.001 min
Lab File: BG057895.D
Acq: 28 Jun 2023 16:35

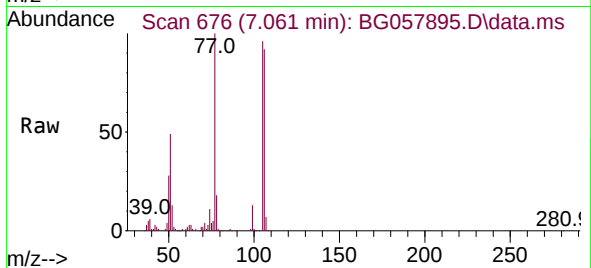
Tgt Ion:128 Resp: 197598
Ion Ratio Lower Upper
128 100
130 32.0 12.9 52.9
64 57.7 37.1 77.1





#9
Benzaldehyde
Concen: 57.932 ng m
RT: 7.061 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG057895.D
Acq: 28 Jun 2023 16:35

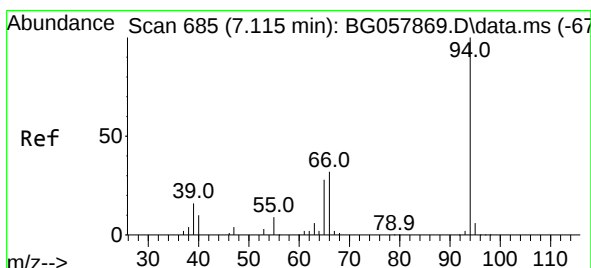
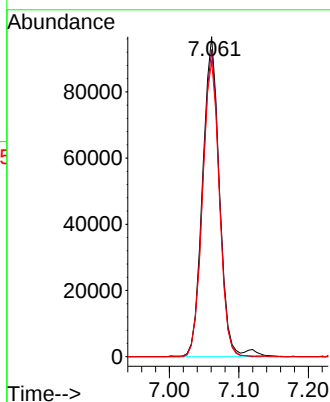
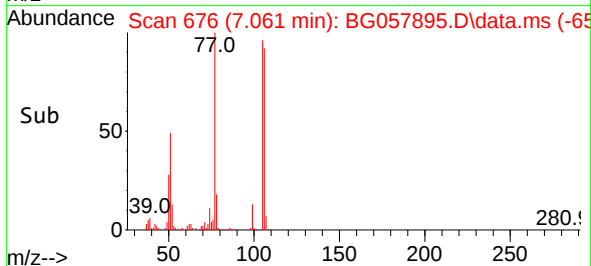
Instrument :
BNA_G
ClientSampleId :
ESI-TP1MS



Tgt Ion: 77 Resp: 16352
Ion Ratio Lower Upper
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105 95.9 83.7 123.7
106 92.4 77.4 117.4

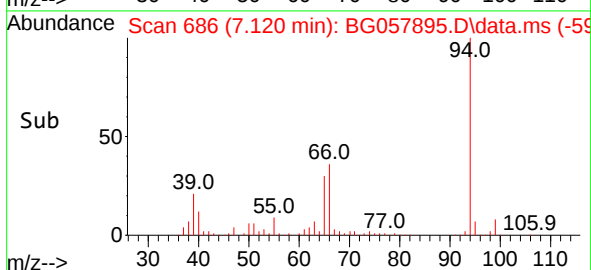
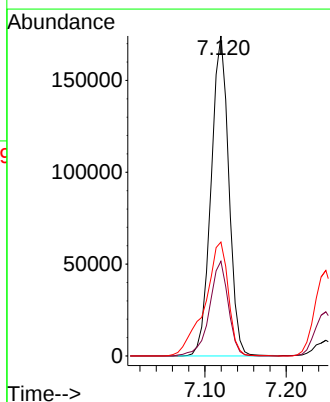
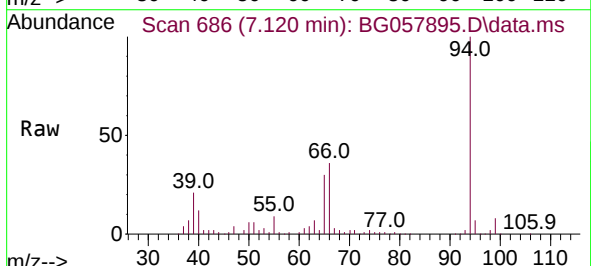
Manual Integrations
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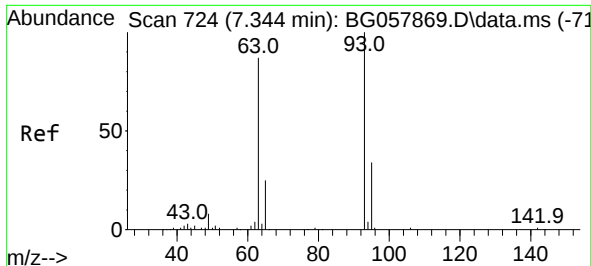
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#10
Phenol
Concen: 46.198 ng
RT: 7.120 min Scan# 686
Delta R.T. 0.005 min
Lab File: BG057895.D
Acq: 28 Jun 2023 16:35

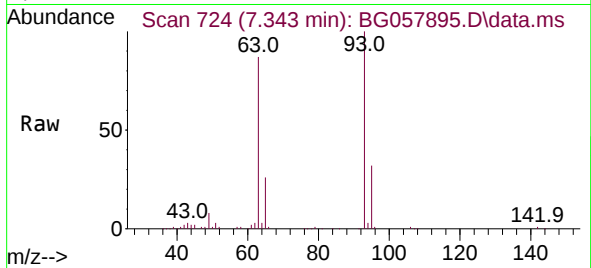
Tgt Ion: 94 Resp: 264042
Ion Ratio Lower Upper
94 100
65 29.6 7.8 47.8
66 35.6 13.6 53.6





#11
bis(2-Chloroethyl)ether
Concen: 43.686 ng
RT: 7.343 min Scan# 724
Delta R.T. -0.001 min
Lab File: BG057895.D
Acq: 28 Jun 2023 16:35

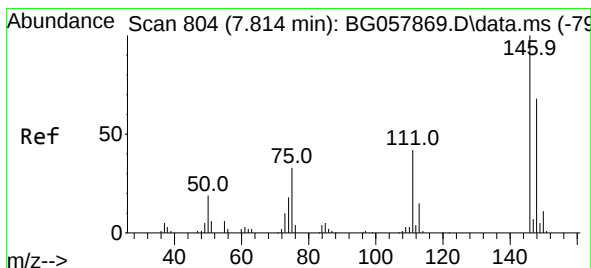
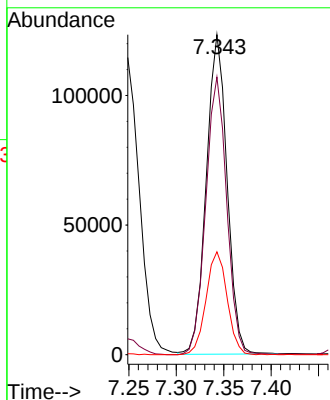
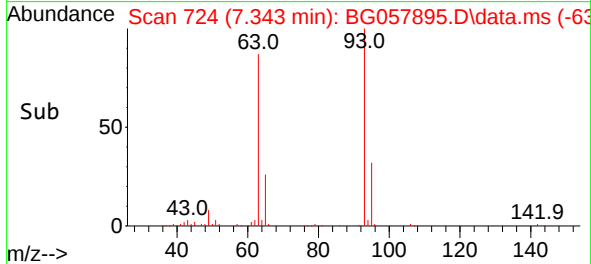
Instrument :
BNA_G
ClientSampleId :
ESI-TP1MS



Tgt Ion: 93 Resp: 188239
Ion Ratio Lower Upper
93 100
63 86.8 66.9 106.9
95 32.2 13.6 53.6

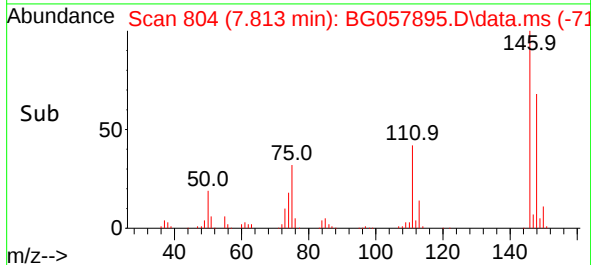
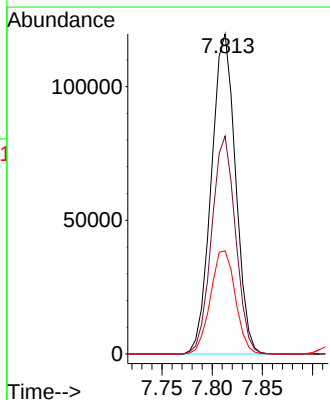
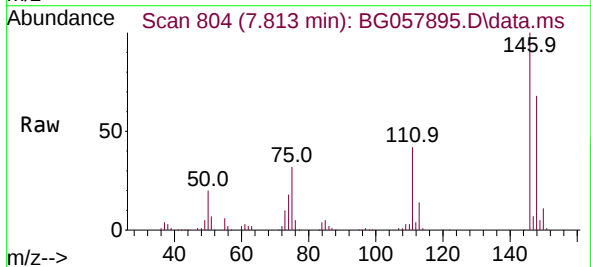
Manual Integrations
APPROVED

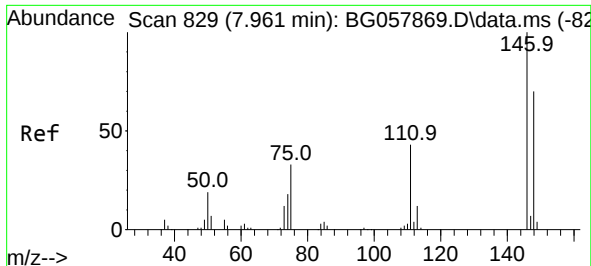
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#12
1,3-Dichlorobenzene
Concen: 49.368 ng
RT: 7.813 min Scan# 804
Delta R.T. -0.001 min
Lab File: BG057895.D
Acq: 28 Jun 2023 16:35

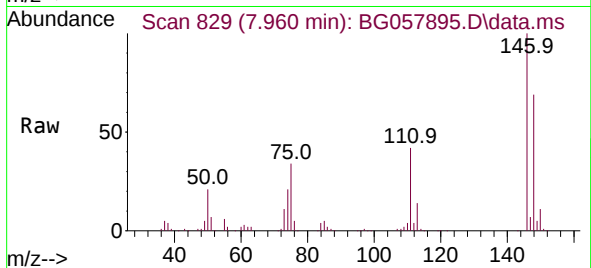
Tgt Ion:146 Resp: 200501
Ion Ratio Lower Upper
146 100
148 68.1 54.5 81.7
75 32.2 26.6 40.0





#13
1,4-Dichlorobenzene
Concen: 49.174 ng
RT: 7.960 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG057895.D
Acq: 28 Jun 2023 16:35

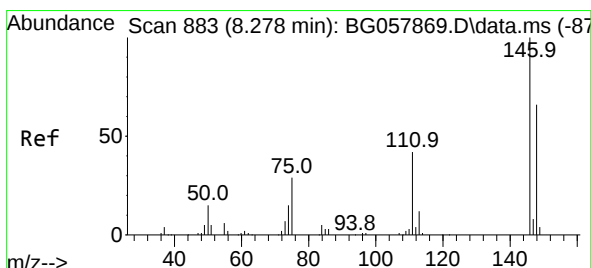
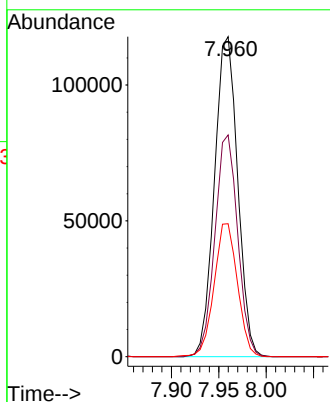
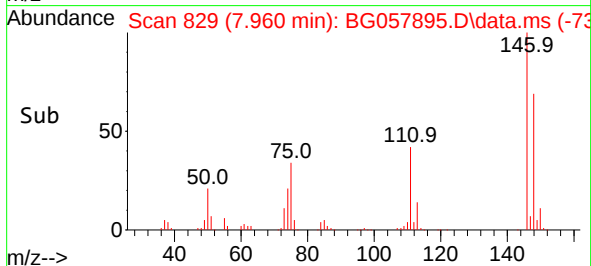
Instrument :
BNA_G
ClientSampleId :
ESI-TP1MS



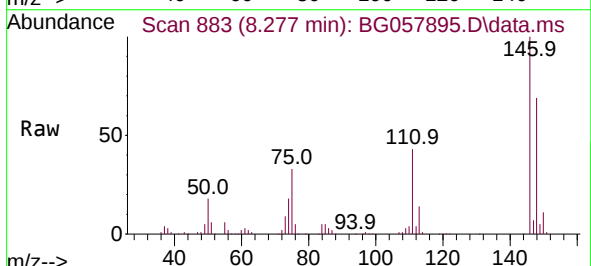
Tgt Ion:146 Resp: 200598
Ion Ratio Lower Upper
146 100
148 69.3 55.7 83.5
111 41.5 34.7 52.1

Manual Integrations
APPROVED

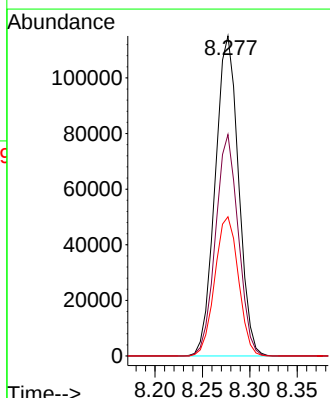
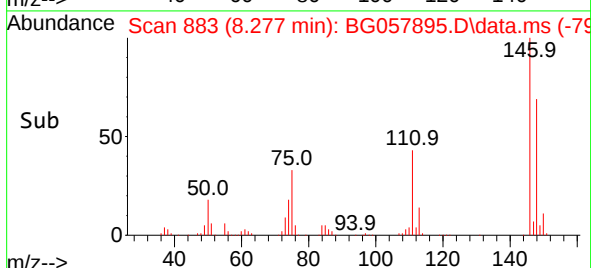
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

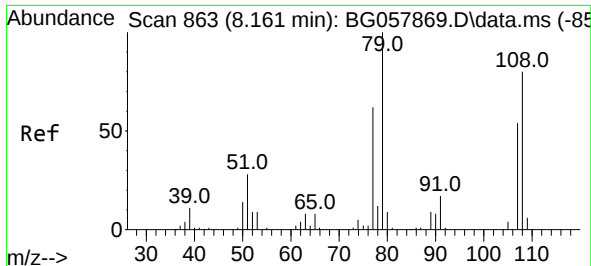


#14
1,2-Dichlorobenzene
Concen: 49.899 ng
RT: 8.277 min Scan# 883
Delta R.T. -0.001 min
Lab File: BG057895.D
Acq: 28 Jun 2023 16:35



Tgt Ion:146 Resp: 196993
Ion Ratio Lower Upper
146 100
148 69.2 53.0 79.6
111 43.5 34.3 51.5





#15
Benzyl Alcohol
Concen: 42.818 ng
RT: 8.159 min Scan# 80
Delta R.T. -0.001 min
Lab File: BG057895.D
Acq: 28 Jun 2023 16:35

Instrument :

BNA_G

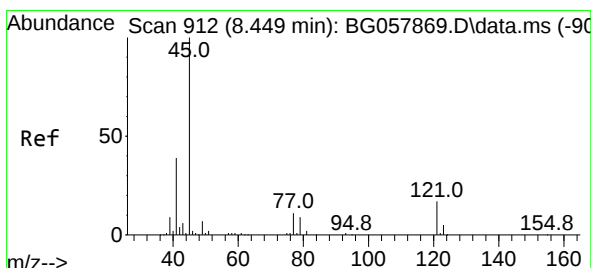
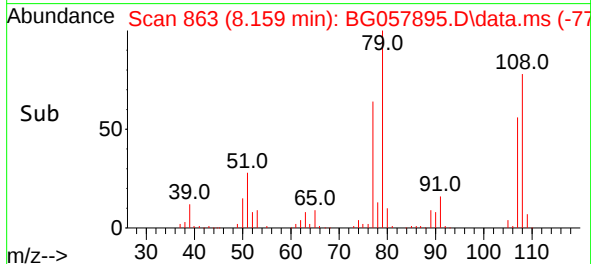
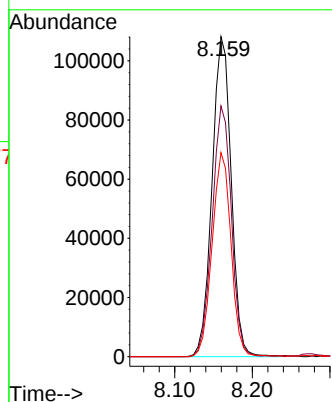
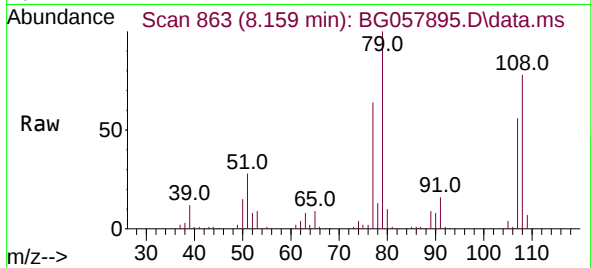
ClientSampleId :

ESI-TP1MS

Tgt Ion: 79 Resp: 18554
Ion Ratio Lower Upper
79 100
108 78.4 64.0 96.0
77 63.7 49.6 74.4

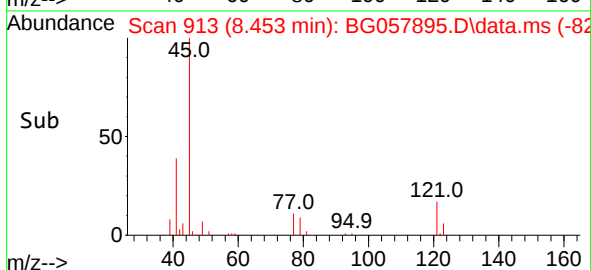
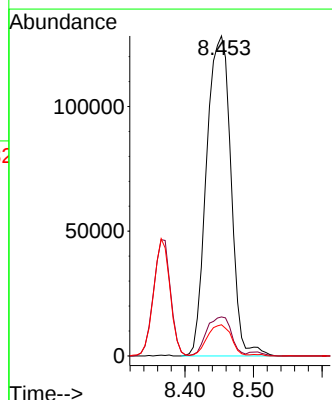
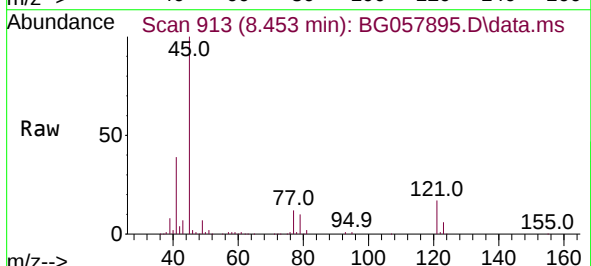
Manual Integrations
APPROVED

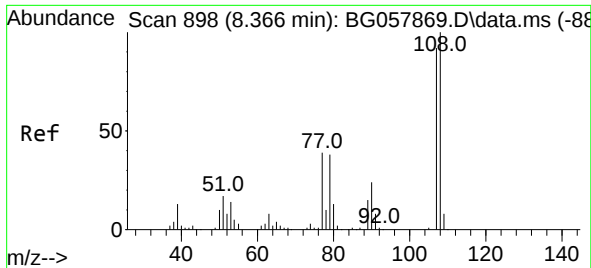
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.094 ng m
RT: 8.453 min Scan# 913
Delta R.T. 0.005 min
Lab File: BG057895.D
Acq: 28 Jun 2023 16:35

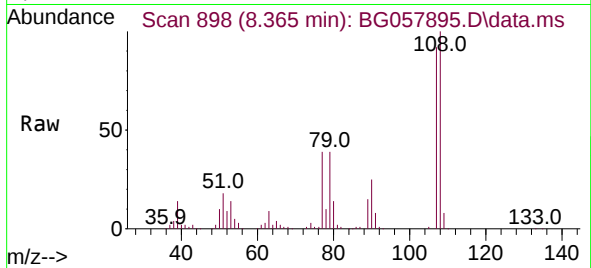
Tgt Ion: 45 Resp: 316375
Ion Ratio Lower Upper
45 100
77 12.2 0.0 32.1
79 9.7 0.0 29.8





#17
2-Methylphenol
Concen: 43.269 ng
RT: 8.365 min Scan# 898
Delta R.T. -0.001 min
Lab File: BG057895.D
Acq: 28 Jun 2023 16:35

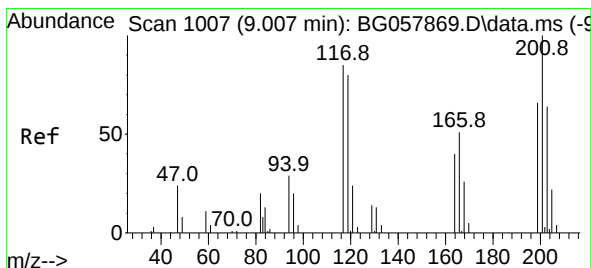
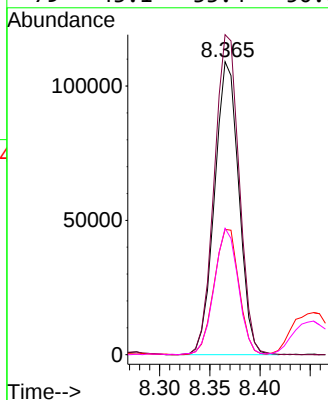
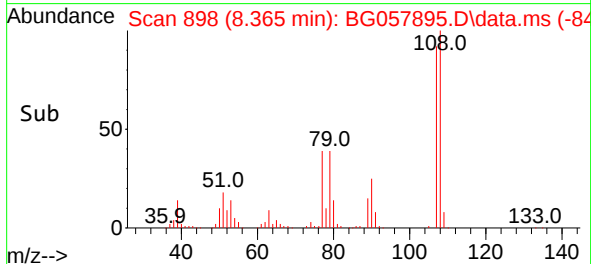
Instrument :
BNA_G
ClientSampleId :
ESI-TP1MS



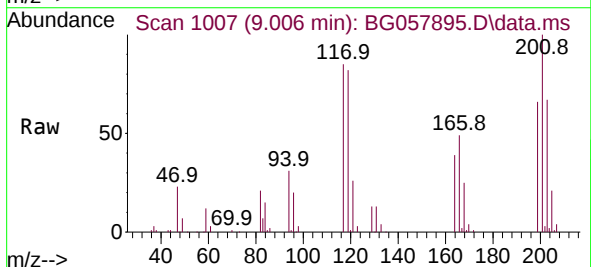
Tgt Ion:107 Resp: 183339
Ion Ratio Lower Upper
107 100
108 109.3 87.2 130.8
77 42.8 34.2 51.4
79 43.1 33.4 50.0

Manual Integrations
APPROVED

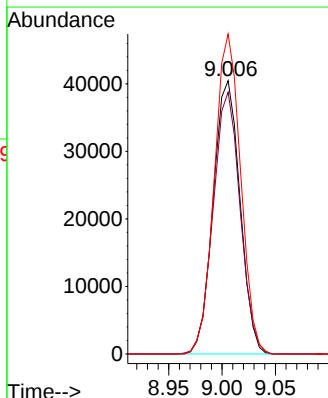
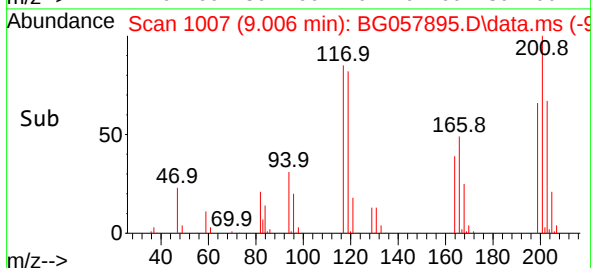
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

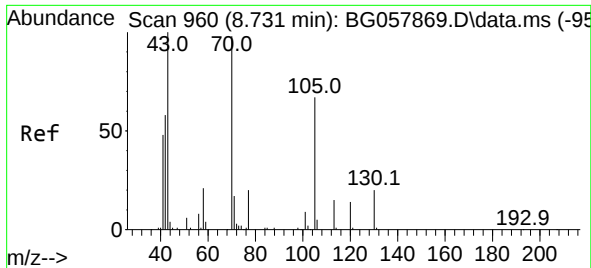


#18
Hexachloroethane
Concen: 49.718 ng
RT: 9.006 min Scan# 1007
Delta R.T. -0.001 min
Lab File: BG057895.D
Acq: 28 Jun 2023 16:35



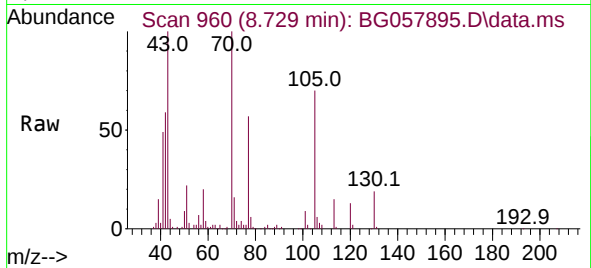
Tgt Ion:117 Resp: 70673
Ion Ratio Lower Upper
117 100
119 95.8 74.7 112.1
201 117.1 93.9 140.9





#19
n-Nitroso-di-n-propylamine
Concen: 39.137 ng
RT: 8.729 min Scan# 90
Delta R.T. -0.001 min
Lab File: BG057895.D
Acq: 28 Jun 2023 16:35

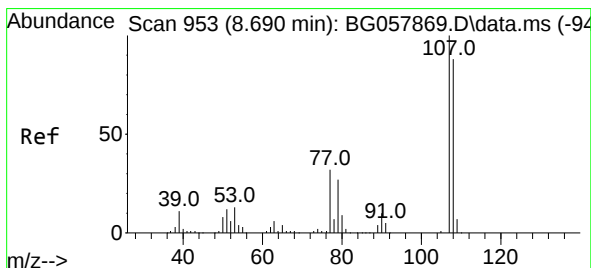
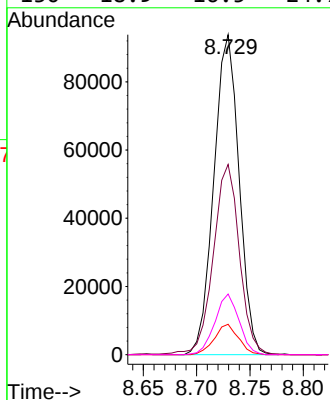
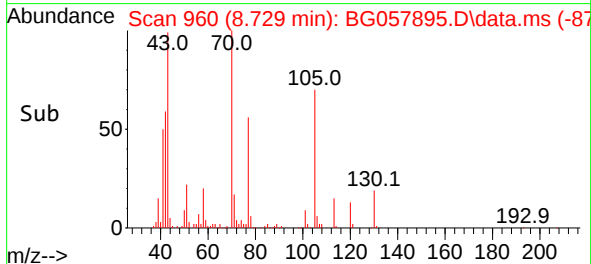
Instrument :
BNA_G
ClientSampleId :
ESI-TP1MS



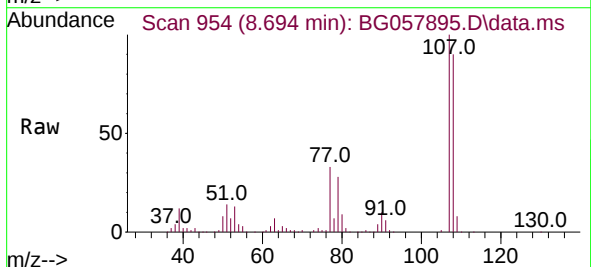
Tgt Ion: 70 Resp: 154020
Ion Ratio Lower Upper
70 100
42 59.5 48.4 72.6
101 9.5 7.2 10.8
130 18.9 16.5 24.7

Manual Integrations
APPROVED

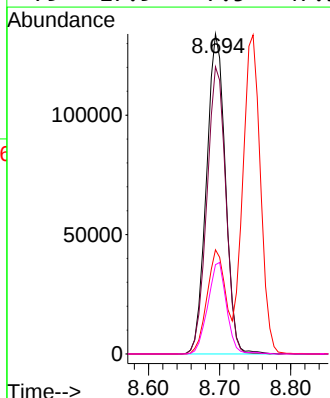
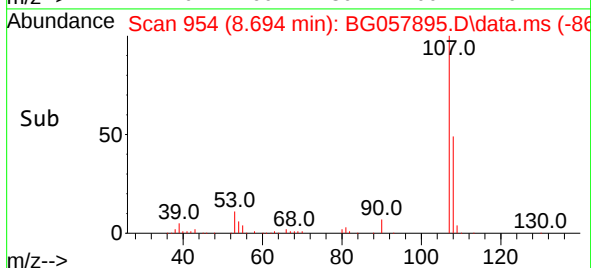
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

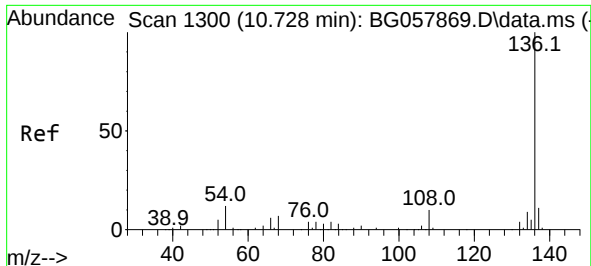


#20
3+4-Methylphenols
Concen: 42.038 ng
RT: 8.694 min Scan# 954
Delta R.T. 0.005 min
Lab File: BG057895.D
Acq: 28 Jun 2023 16:35



Tgt Ion:107 Resp: 248170
Ion Ratio Lower Upper
107 100
108 89.7 67.7 107.7
77 32.6 11.8 51.8
79 27.9 7.5 47.5





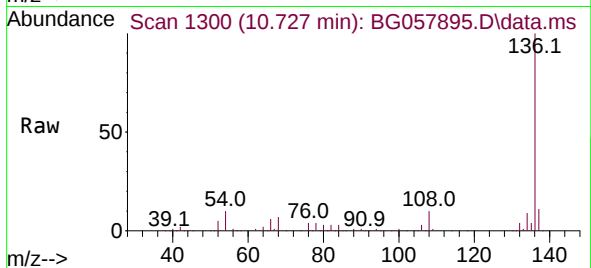
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.727 min Scan# 1300
Delta R.T. -0.001 min
Lab File: BG057895.D
Acq: 28 Jun 2023 16:35

Instrument :

BNA_G

ClientSampleId :

ESI-TP1MS



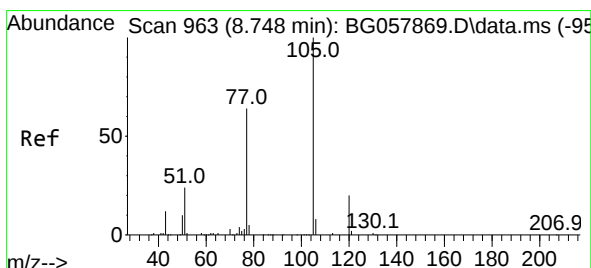
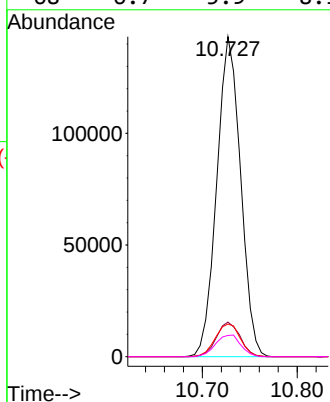
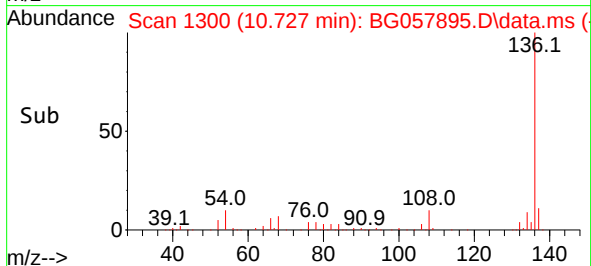
Tgt Ion:136 Resp: 250114
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 10.2 9.3 13.9
68 6.7 5.9 8.9

Manual Integrations

APPROVED

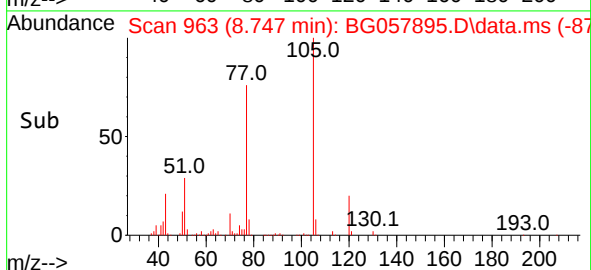
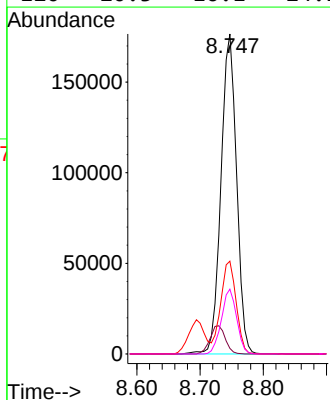
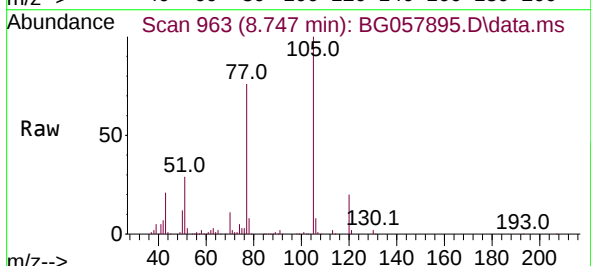
Reviewed By :Yogesh Patel 06/29/2023

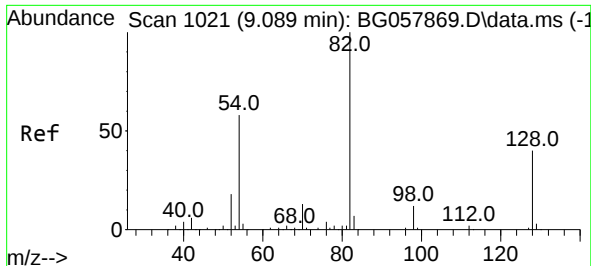
Supervised By :mohammad ahmed 06/29/2023



#22
Acetophenone
Concen: 43.488 ng
RT: 8.747 min Scan# 963
Delta R.T. -0.001 min
Lab File: BG057895.D
Acq: 28 Jun 2023 16:35

Tgt Ion:105 Resp: 302718
Ion Ratio Lower Upper
105 100
71 1.8 1.1 1.7#
51 29.0 23.0 34.6
120 20.3 16.1 24.1





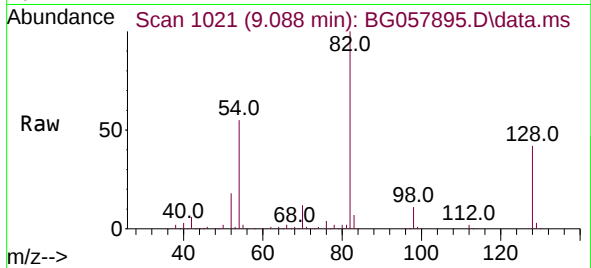
#23
Nitrobenzene-d5
Concen: 73.813 ng
RT: 9.088 min Scan# 1021
Delta R.T. -0.001 min
Lab File: BG057895.D
Acq: 28 Jun 2023 16:35

Instrument :

BNA_G

ClientSampleId :

ESI-TP1MS

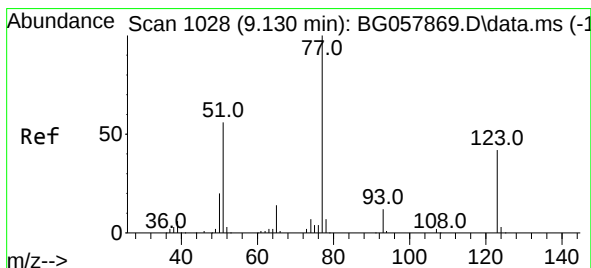
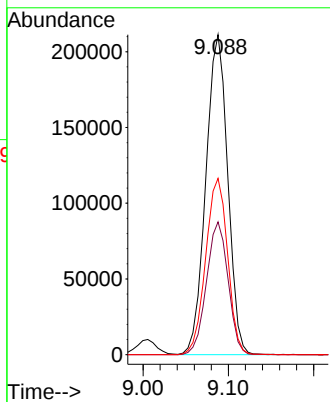
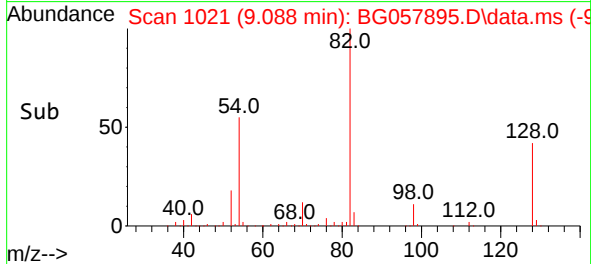


Tgt Ion: 82 Resp: 37670
Ion Ratio Lower Upper
82 100
128 41.5 32.2 48.4
54 55.1 46.1 69.1

Manual Integrations

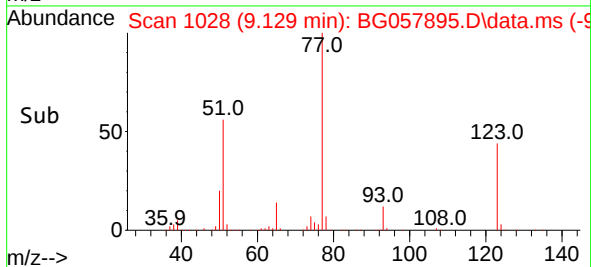
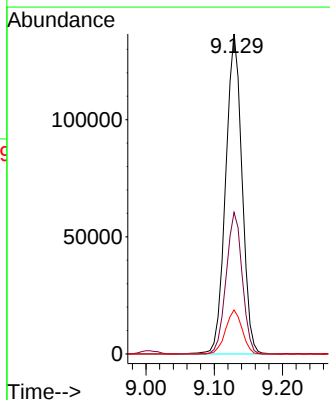
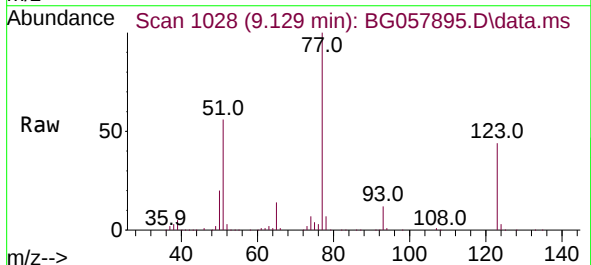
APPROVED

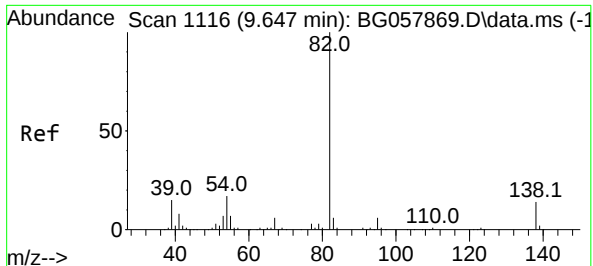
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#24
Nitrobenzene
Concen: 44.392 ng
RT: 9.129 min Scan# 1028
Delta R.T. -0.001 min
Lab File: BG057895.D
Acq: 28 Jun 2023 16:35

Tgt Ion: 77 Resp: 227405
Ion Ratio Lower Upper
77 100
123 44.2 33.6 50.4
65 13.8 11.4 17.0





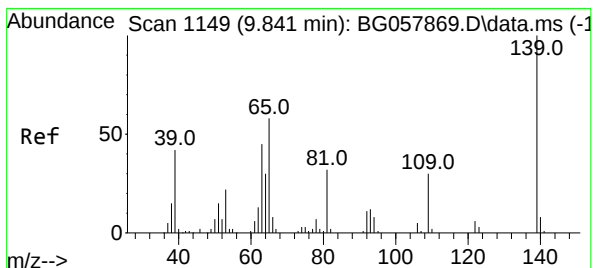
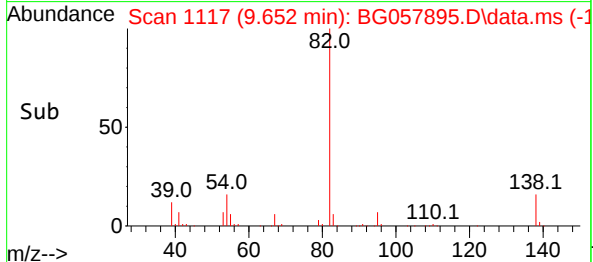
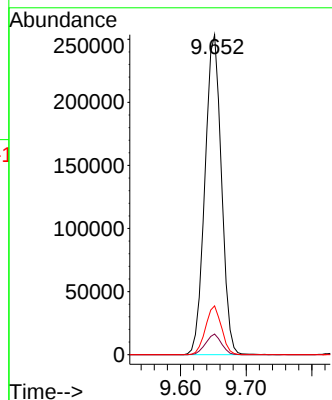
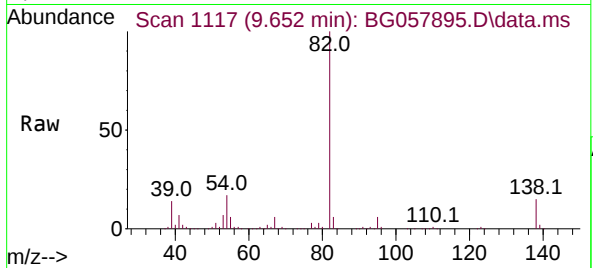
#25
Isophorone
Concen: 40.213 ng
RT: 9.652 min Scan# 1116
Delta R.T. 0.005 min
Lab File: BG057895.D
Acq: 28 Jun 2023 16:35

Instrument :
BNA_G
ClientSampleId :
ESI-TP1MS

Tgt Ion: 82 Resp: 443110
Ion Ratio Lower Upper
82 100
95 6.5 5.0 7.6
138 15.3 11.3 16.9

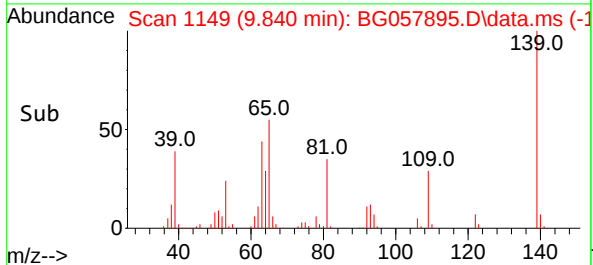
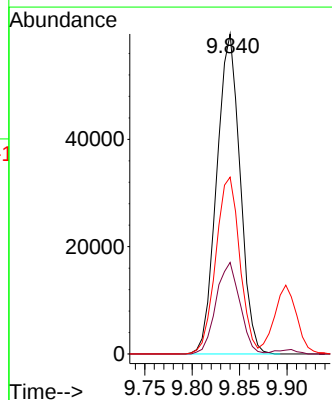
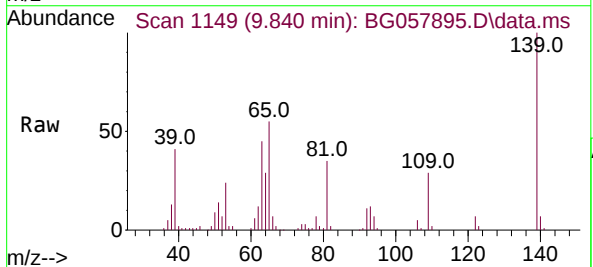
Manual Integrations
APPROVED

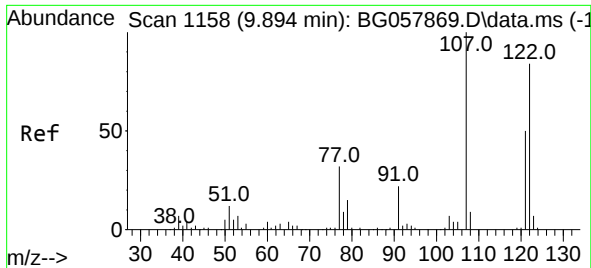
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#26
2-Nitrophenol
Concen: 49.003 ng
RT: 9.840 min Scan# 1149
Delta R.T. -0.001 min
Lab File: BG057895.D
Acq: 28 Jun 2023 16:35

Tgt Ion:139 Resp: 102287
Ion Ratio Lower Upper
139 100
109 28.6 23.7 35.5
65 55.2 46.6 69.8





#27

2,4-Dimethylphenol

Concen: 47.285 ng

RT: 9.899 min Scan# 1158

Delta R.T. 0.005 min

Lab File: BG057895.D

Acq: 28 Jun 2023 16:35

Instrument :

BNA_G

ClientSampleId :

ESI-TP1MS

Tgt Ion:122 Resp: 19030

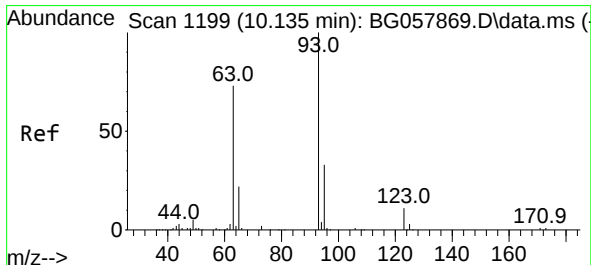
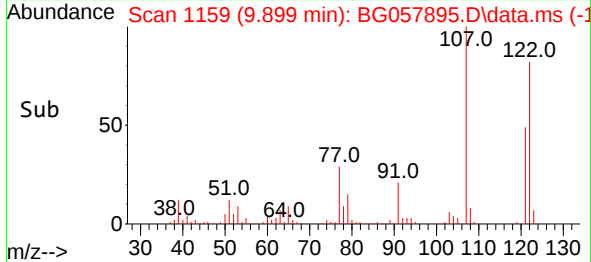
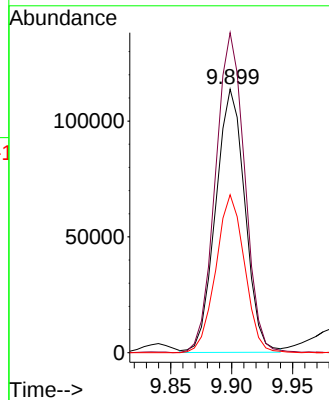
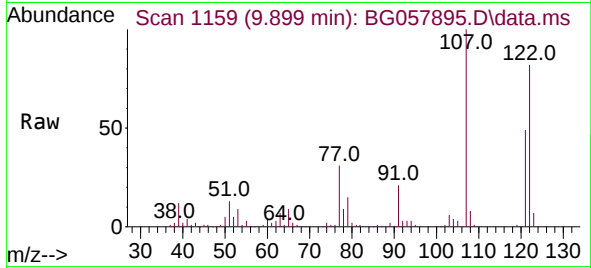
Ion	Ratio	Lower	Upper
122	100		
107	121.4	94.9	142.3
121	59.9	46.8	70.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2023

Supervised By :mohammad ahmed 06/29/2023



#28

bis(2-Chloroethoxy)methane

Concen: 43.348 ng

RT: 10.134 min Scan# 1199

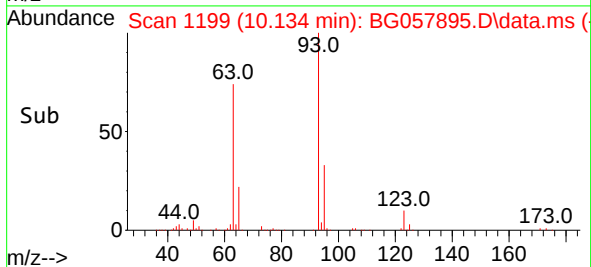
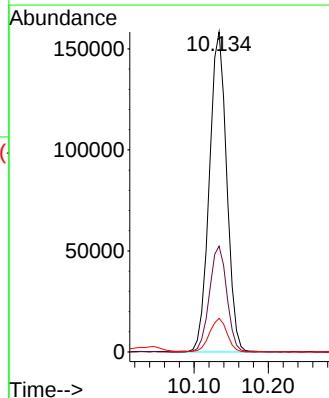
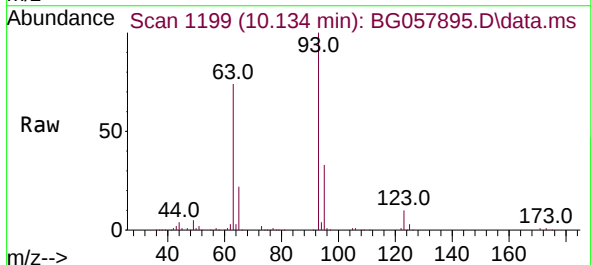
Delta R.T. -0.001 min

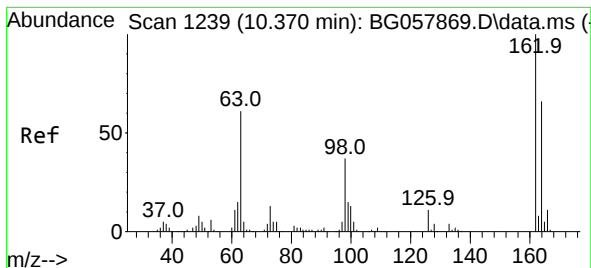
Lab File: BG057895.D

Acq: 28 Jun 2023 16:35

Tgt Ion: 93 Resp: 256690

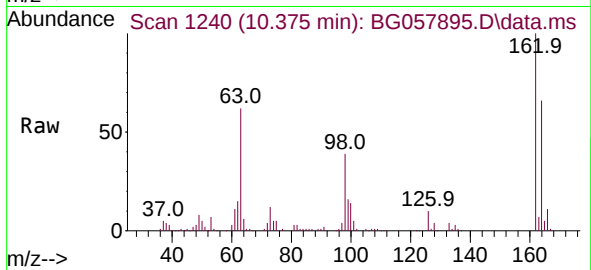
Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.0	39.0
123	10.5	8.5	12.7





#29
2,4-Dichlorophenol
Concen: 48.163 ng
RT: 10.375 min Scan# 1239
Delta R.T. 0.005 min
Lab File: BG057895.D
Acq: 28 Jun 2023 16:35

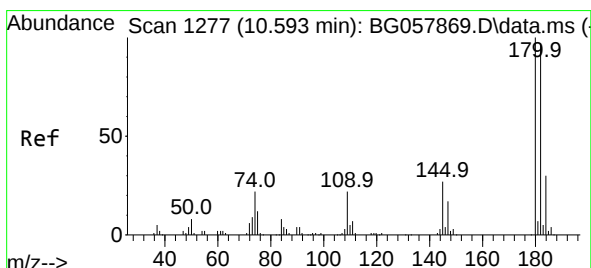
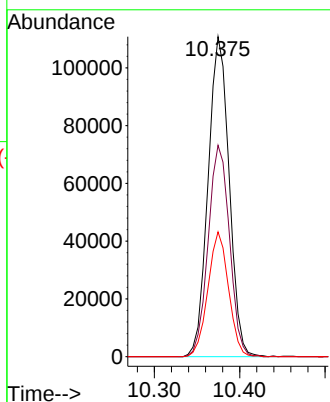
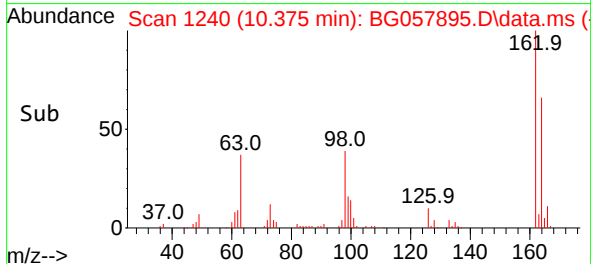
Instrument :
BNA_G
ClientSampleId :
ESII-TP1MS



Tgt Ion:162 Resp: 190093
Ion Ratio Lower Upper
162 100
164 66.0 46.1 86.1
98 39.0 16.8 56.8

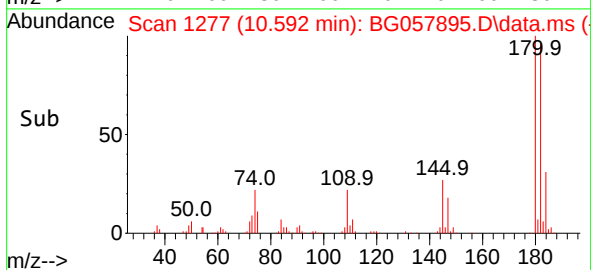
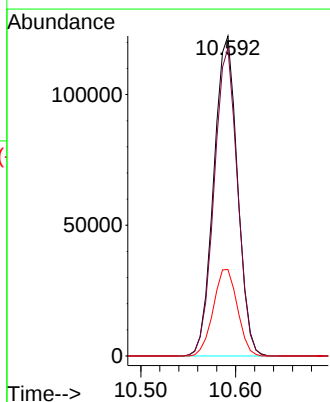
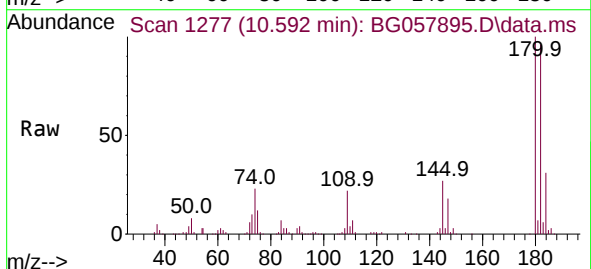
Manual Integrations
APPROVED

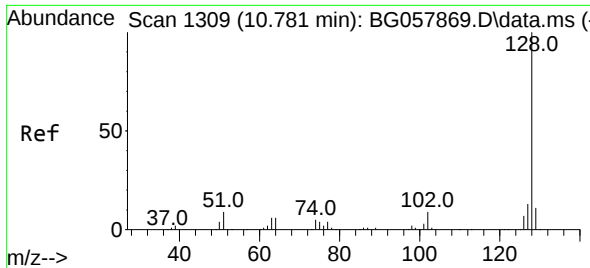
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#30
1,2,4-Trichlorobenzene
Concen: 50.013 ng
RT: 10.592 min Scan# 1277
Delta R.T. -0.001 min
Lab File: BG057895.D
Acq: 28 Jun 2023 16:35

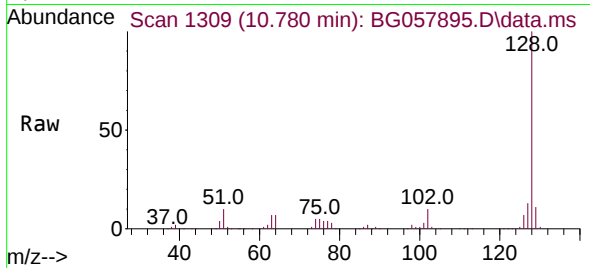
Tgt Ion:180 Resp: 212513
Ion Ratio Lower Upper
180 100
182 96.2 77.2 115.8
145 27.0 21.7 32.5





#31
Naphthalene
Concen: 45.247 ng
RT: 10.780 min Scan# 1184
Delta R.T. -0.001 min
Lab File: BG057895.D
Acq: 28 Jun 2023 16:35

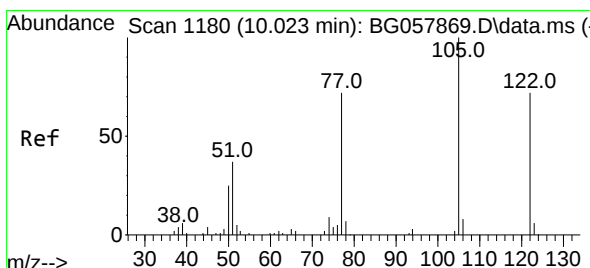
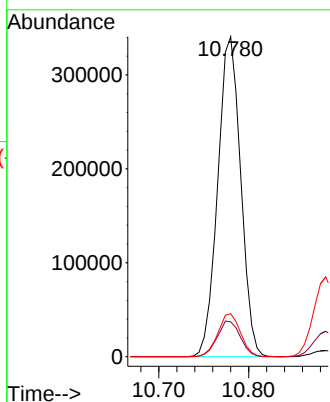
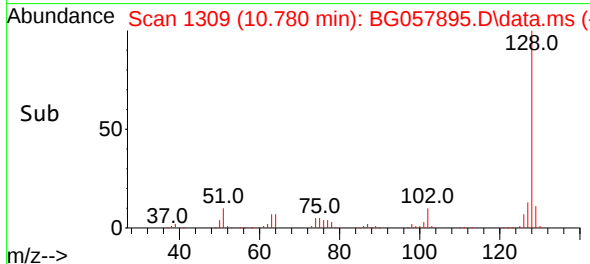
Instrument :
BNA_G
ClientSampleId :
ESII-TP1MS



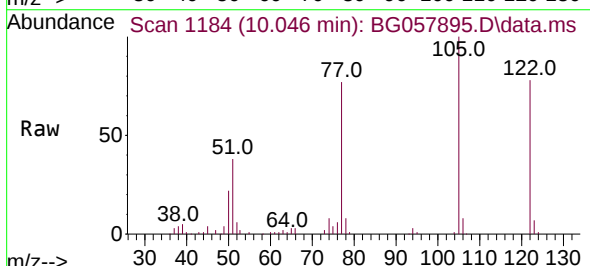
Tgt Ion:128 Resp: 604098
Ion Ratio Lower Upper
128 100
129 10.9 8.5 12.7
127 13.5 10.3 15.5

Manual Integrations
APPROVED

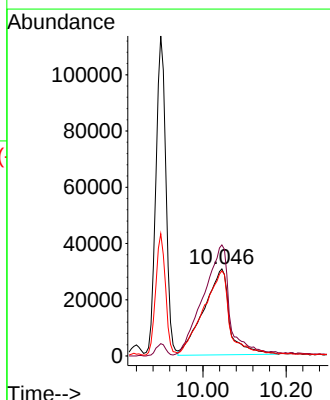
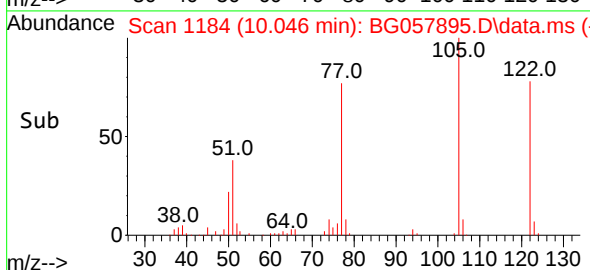
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

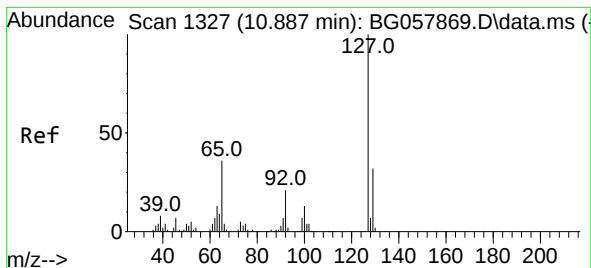


#32
Benzoic acid
Concen: 42.327 ng
RT: 10.046 min Scan# 1184
Delta R.T. 0.023 min
Lab File: BG057895.D
Acq: 28 Jun 2023 16:35



Tgt Ion:122 Resp: 133237
Ion Ratio Lower Upper
122 100
105 127.6 115.4 155.4
77 97.8 78.7 118.7





#33
4-Chloroaniline
Concen: 24.335 ng
RT: 10.886 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG057895.D
Acq: 28 Jun 2023 16:35

Instrument :

BNA_G

ClientSampleId :

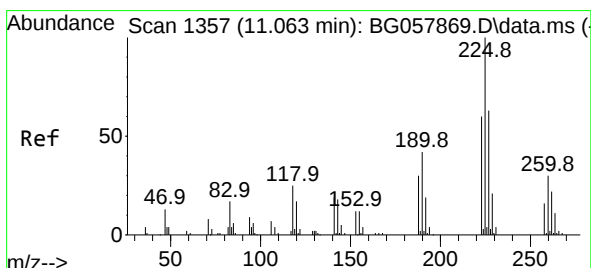
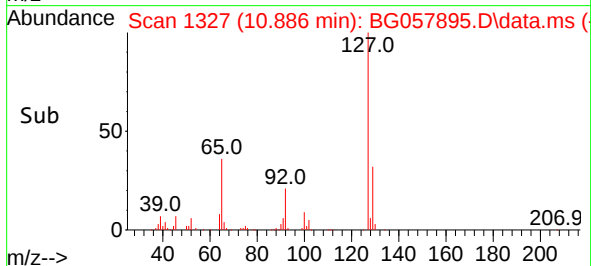
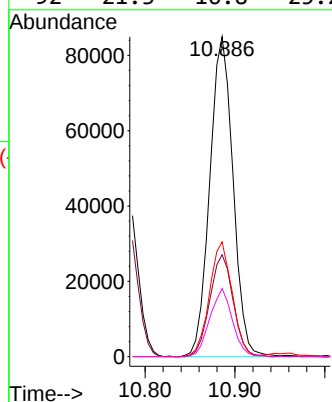
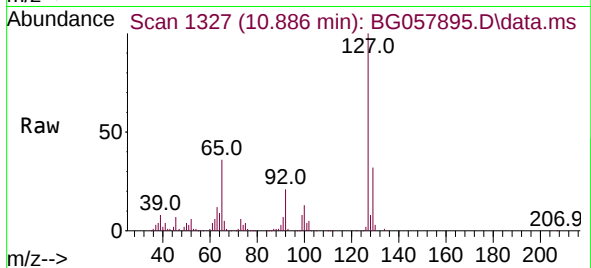
ESI-TP1MS

Tgt Ion:127 Resp: 15286
Ion Ratio Lower Upper
127 100
129 31.8 25.8 38.6
65 35.8 28.7 43.1
92 21.3 16.8 25.2

Manual Integrations

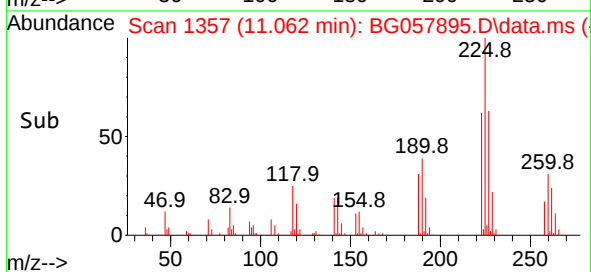
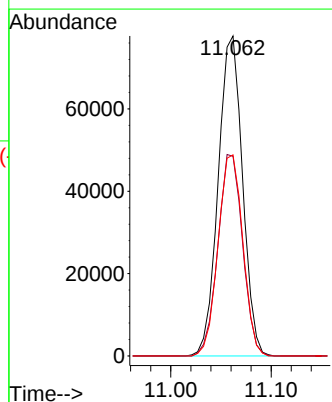
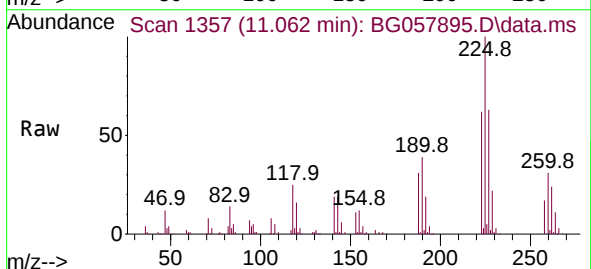
APPROVED

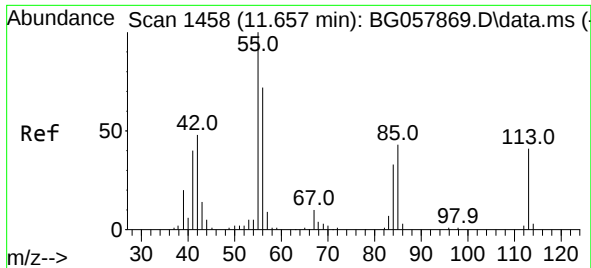
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#34
Hexachlorobutadiene
Concen: 49.820 ng
RT: 11.062 min Scan# 1357
Delta R.T. -0.001 min
Lab File: BG057895.D
Acq: 28 Jun 2023 16:35

Tgt Ion:225 Resp: 130567
Ion Ratio Lower Upper
225 100
223 62.4 48.0 72.0
227 62.8 50.2 75.4





#35
Caprolactam
Concen: 35.535 ng m
RT: 11.679 min Scan# 1458
Delta R.T. 0.022 min
Lab File: BG057895.D
Acq: 28 Jun 2023 16:35

Instrument :

BNA_G

ClientSampleId :

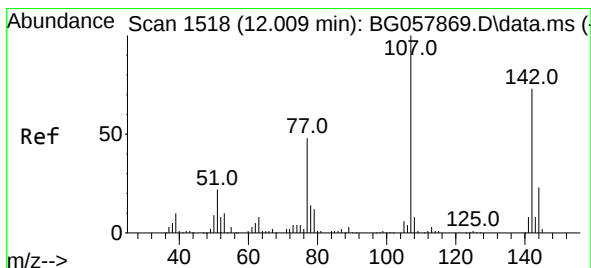
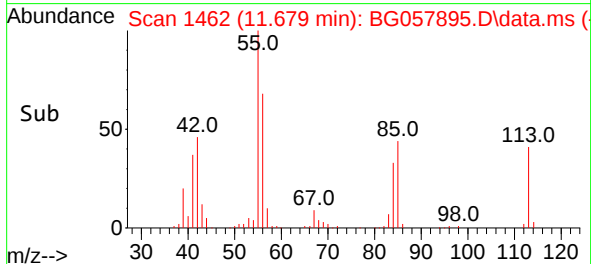
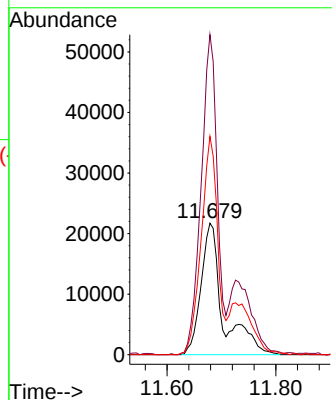
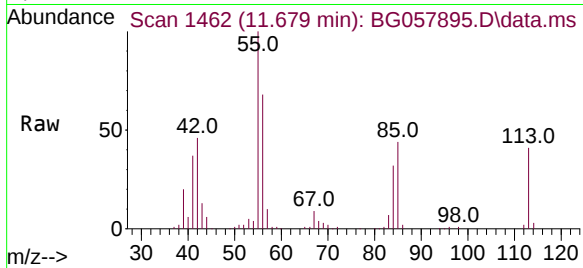
ESI-TP1MS

Tgt Ion:113 Resp: 6078
Ion Ratio Lower Upper
113 100
55 243.2 224.7 264.7
56 165.9 155.9 195.9

Manual Integrations

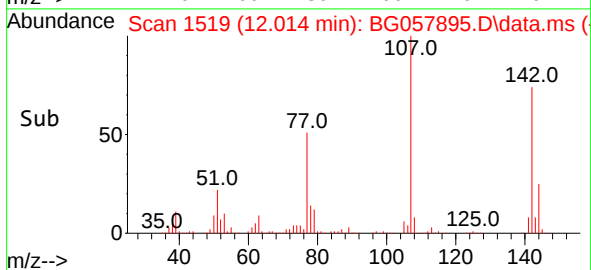
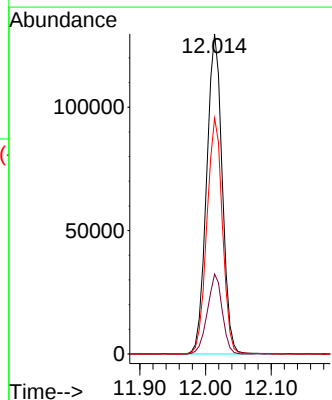
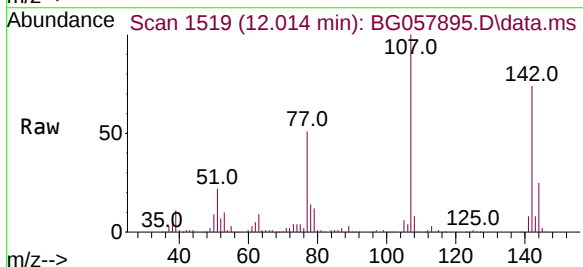
APPROVED

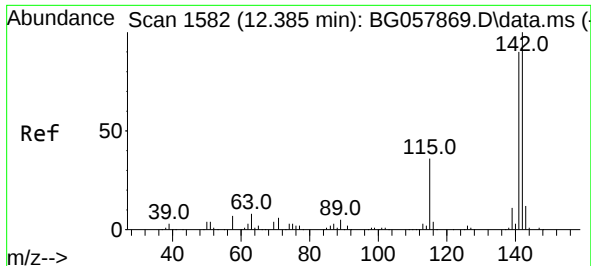
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#36
4-Chloro-3-methylphenol
Concen: 40.925 ng
RT: 12.014 min Scan# 1519
Delta R.T. 0.005 min
Lab File: BG057895.D
Acq: 28 Jun 2023 16:35

Tgt Ion:107 Resp: 214449
Ion Ratio Lower Upper
107 100
144 24.9 18.2 27.4
142 73.7 58.2 87.4





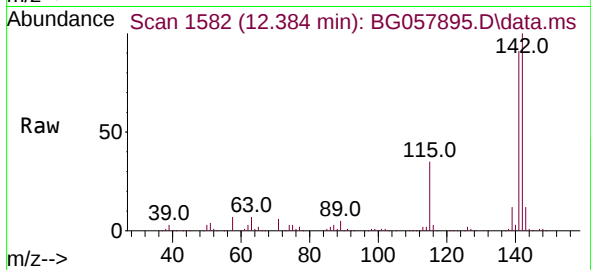
#37
2-Methylnaphthalene
Concen: 41.599 ng
RT: 12.384 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG057895.D
Acq: 28 Jun 2023 16:35

Instrument :

BNA_G

ClientSampleId :

ESI-TP1MS

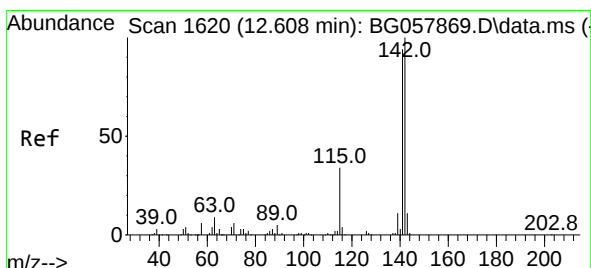
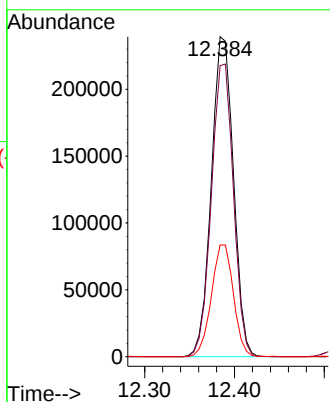
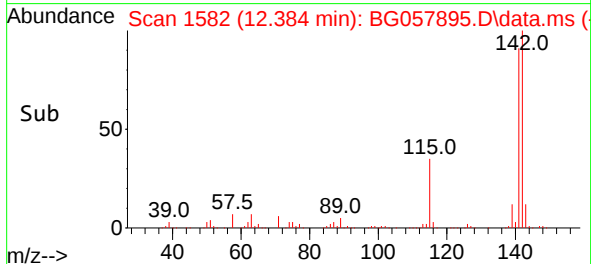


Tgt Ion:142 Resp: 40940
Ion Ratio Lower Upper
142 100
141 91.0 72.4 108.6
115 34.9 28.6 42.8

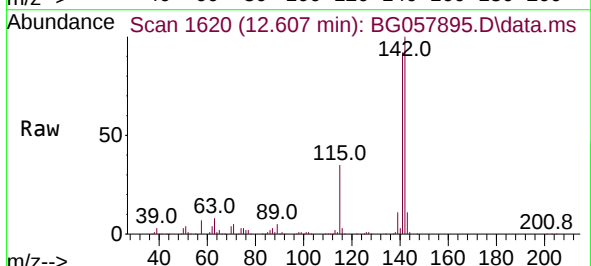
Manual Integrations

APPROVED

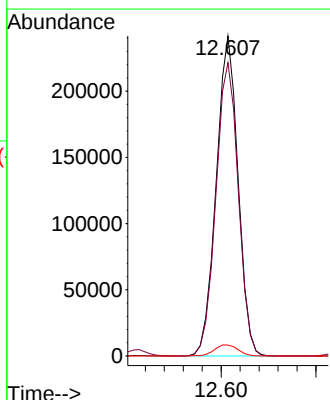
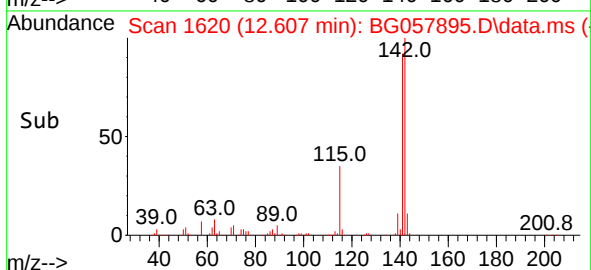
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

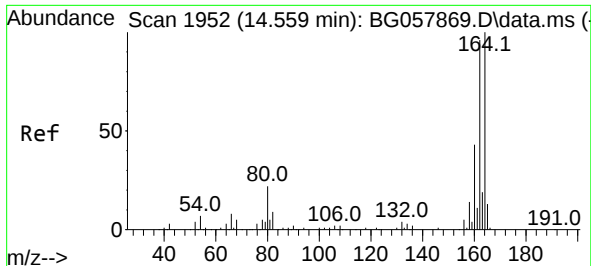


#38
1-Methylnaphthalene
Concen: 41.546 ng
RT: 12.607 min Scan# 1620
Delta R.T. -0.001 min
Lab File: BG057895.D
Acq: 28 Jun 2023 16:35



Tgt Ion:142 Resp: 386367
Ion Ratio Lower Upper
142 100
141 91.7 74.8 112.2
116 3.4 3.0 4.6





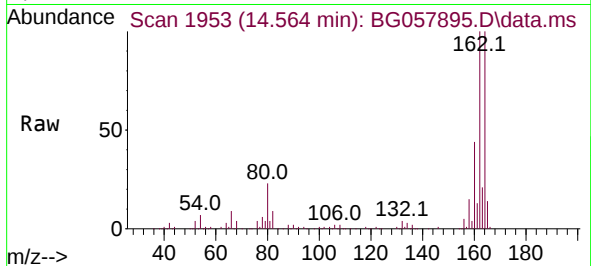
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.564 min Scan# 1952
Delta R.T. 0.005 min
Lab File: BG057895.D
Acq: 28 Jun 2023 16:35

Instrument :

BNA_G

ClientSampleId :

ESI-TP1MS

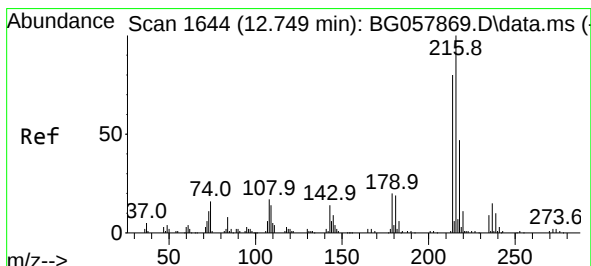
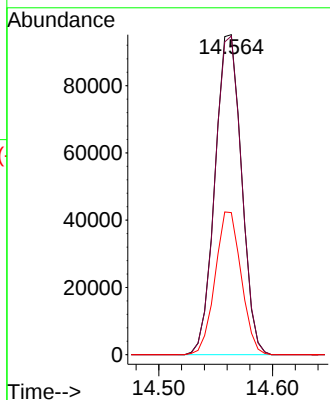
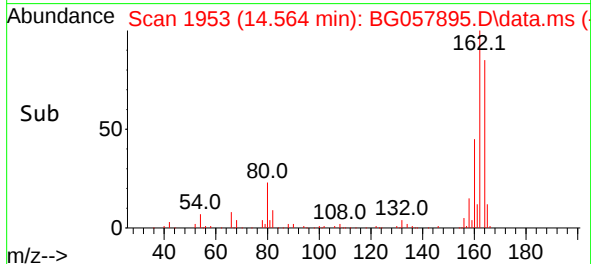


Tgt Ion:164 Resp: 15452
Ion Ratio Lower Upper
164 100
162 99.6 76.4 114.6
160 44.4 34.2 51.2

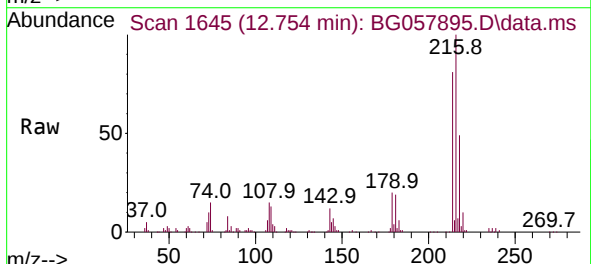
Manual Integrations

APPROVED

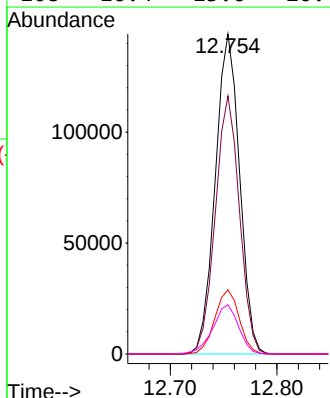
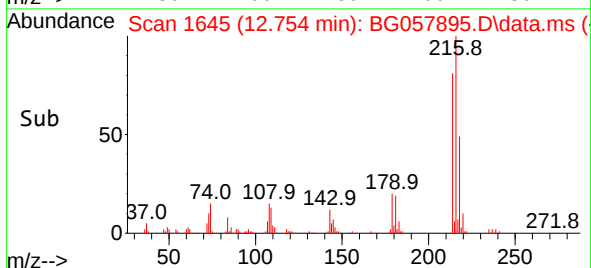
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

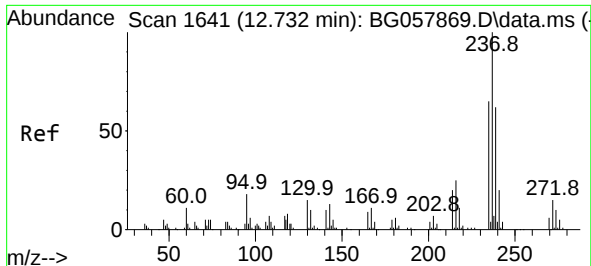


#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.752 ng
RT: 12.754 min Scan# 1645
Delta R.T. 0.005 min
Lab File: BG057895.D
Acq: 28 Jun 2023 16:35



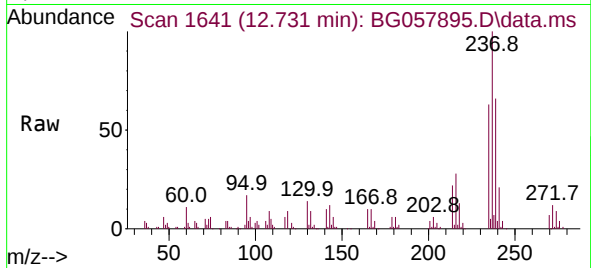
Tgt Ion:216 Resp: 228054
Ion Ratio Lower Upper
216 100
214 79.9 63.0 94.4
179 20.1 16.1 24.1
108 16.4 13.6 20.4





#41
Hexachlorocyclopentadiene
Concen: 33.592 ng
RT: 12.731 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG057895.D
Acq: 28 Jun 2023 16:35

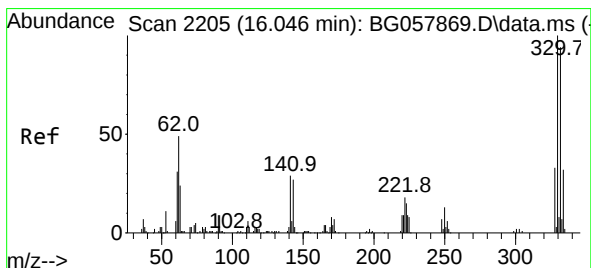
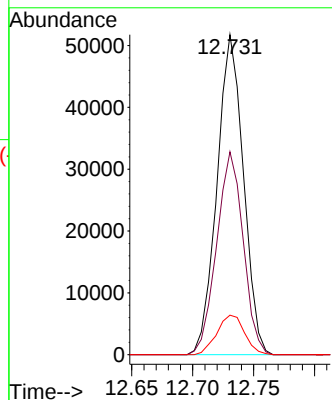
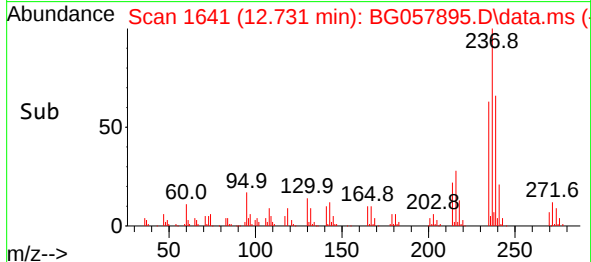
Instrument :
BNA_G
ClientSampleId :
ESI-TP1MS



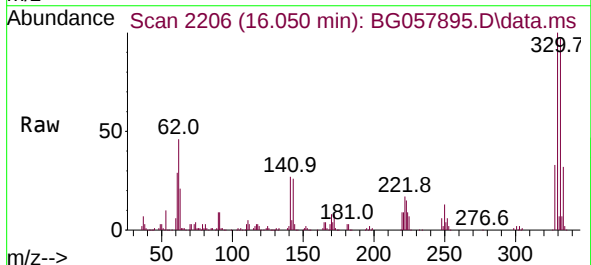
Tgt Ion: 237 Resp: 78070
Ion Ratio Lower Upper
237 100
235 63.4 44.7 84.7
272 12.4 0.0 34.7

Manual Integrations
APPROVED

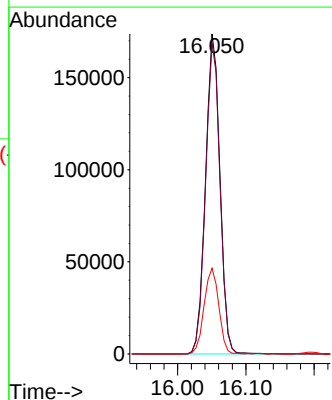
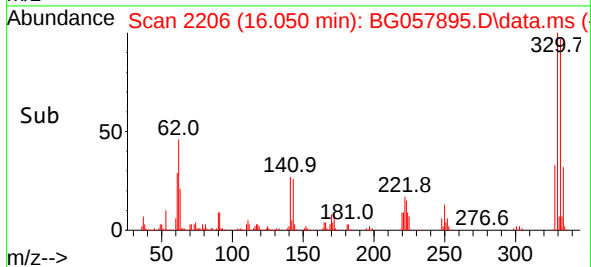
Reviewed By : Yogesh Patel 06/29/2023
Supervised By : mohammad ahmed 06/29/2023

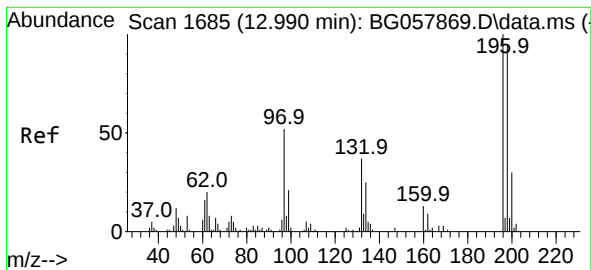


#42
2,4,6-Tribromophenol
Concen: 98.536 ng
RT: 16.050 min Scan# 2206
Delta R.T. 0.005 min
Lab File: BG057895.D
Acq: 28 Jun 2023 16:35



Tgt Ion: 330 Resp: 255741
Ion Ratio Lower Upper
330 100
332 96.8 77.1 115.7
141 27.1 22.2 33.4





#43

2,4,6-Trichlorophenol

Concen: 51.628 ng

RT: 12.995 min Scan# 1686

Delta R.T. 0.005 min

Lab File: BG057895.D

Acq: 28 Jun 2023 16:35

Instrument :

BNA_G

ClientSampleId :

ESI-TP1MS

Tgt Ion:196 Resp: 16452

Ion Ratio Lower Upper

196 100

198 96.1 75.7 113.5

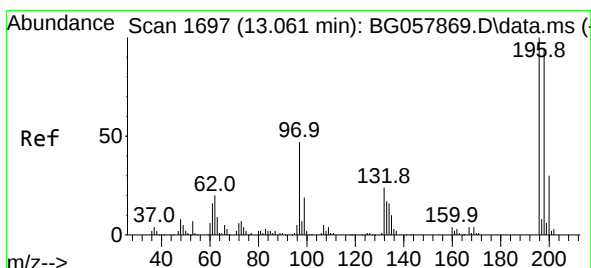
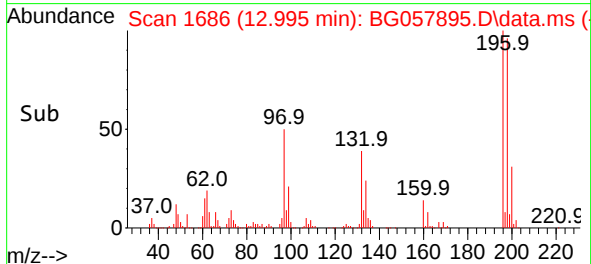
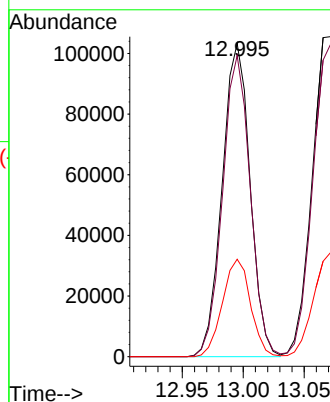
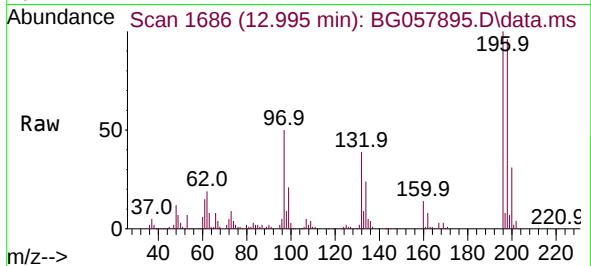
200 31.1 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2023

Supervised By :mohammad ahmed 06/29/2023



#44

2,4,5-Trichlorophenol

Concen: 45.891 ng

RT: 13.071 min Scan# 1699

Delta R.T. 0.011 min

Lab File: BG057895.D

Acq: 28 Jun 2023 16:35

Tgt Ion:196 Resp: 174057

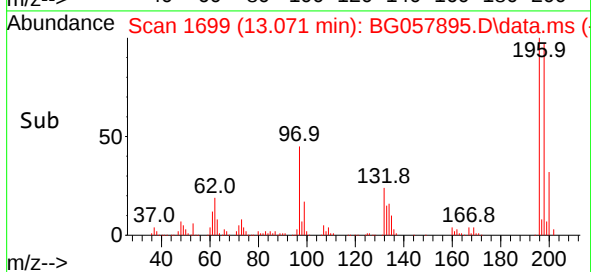
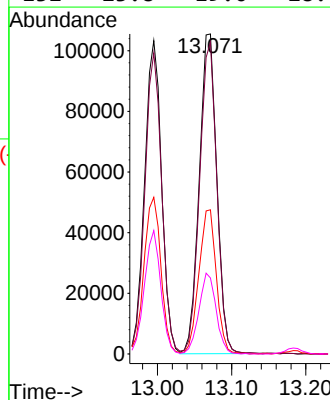
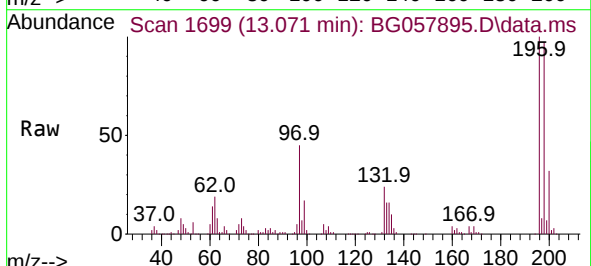
Ion Ratio Lower Upper

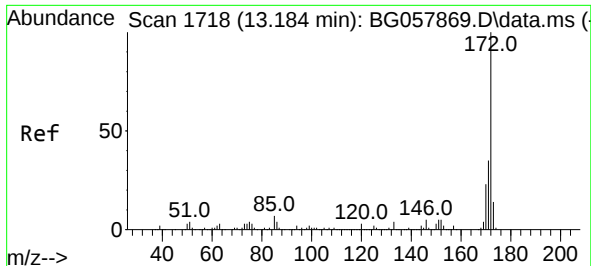
196 100

198 97.4 75.4 113.0

97 45.1 37.6 56.4

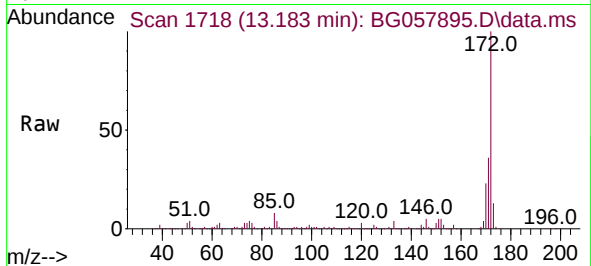
132 23.8 19.0 28.4





#45
2-Fluorobiphenyl
Concen: 75.626 ng
RT: 13.183 min Scan# 1718
Delta R.T. -0.001 min
Lab File: BG057895.D
Acq: 28 Jun 2023 16:35

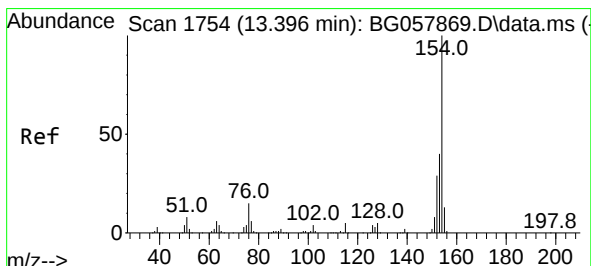
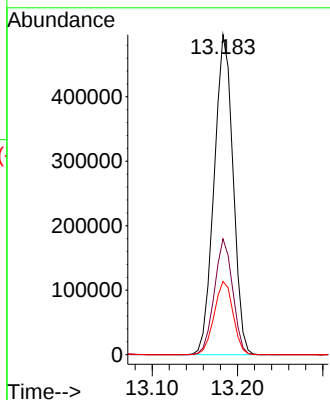
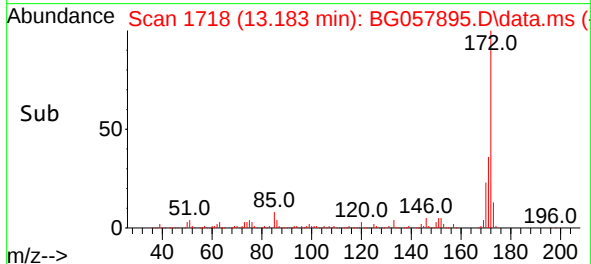
Instrument :
BNA_G
ClientSampleId :
ESII-TP1MS



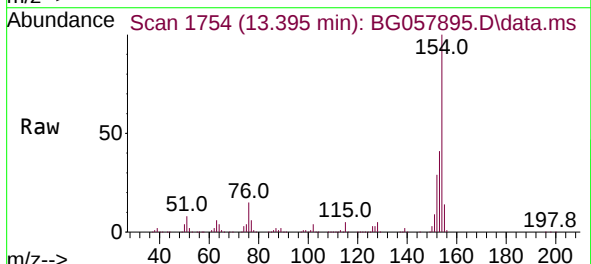
Tgt Ion:172 Resp: 765784
Ion Ratio Lower Upper
172 100
171 36.2 27.8 41.8
170 22.9 18.6 27.8

Manual Integrations
APPROVED

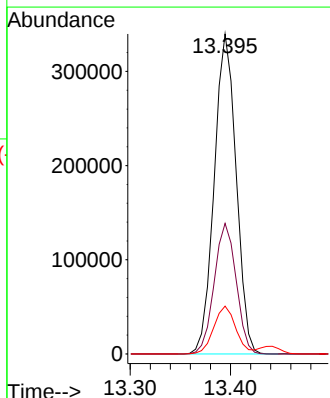
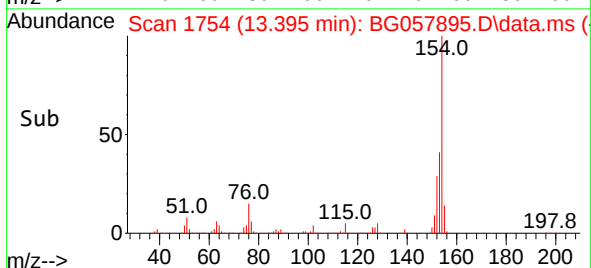
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

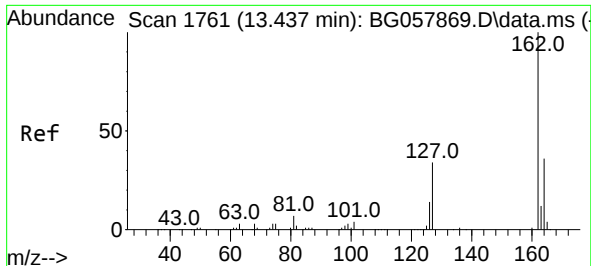


#46
1,1'-Biphenyl
Concen: 48.908 ng
RT: 13.395 min Scan# 1754
Delta R.T. -0.001 min
Lab File: BG057895.D
Acq: 28 Jun 2023 16:35



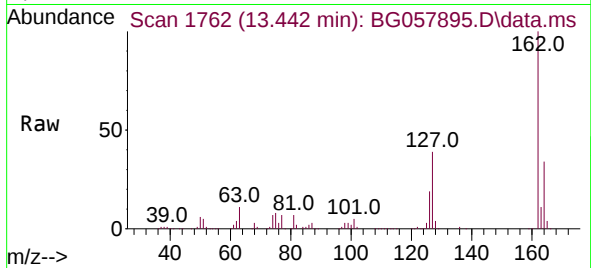
Tgt Ion:154 Resp: 514768
Ion Ratio Lower Upper
154 100
153 40.8 20.1 60.1
76 15.0 0.0 34.7





#47
2-Chloronaphthalene
Concen: 50.040 ng
RT: 13.442 min Scan# 1762
Delta R.T. 0.005 min
Lab File: BG057895.D
Acq: 28 Jun 2023 16:35

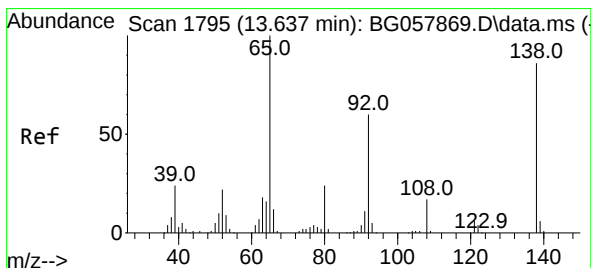
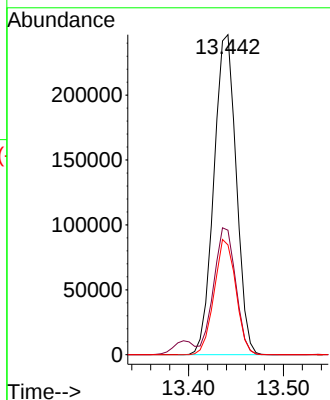
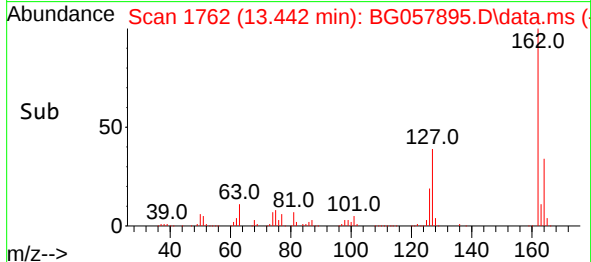
Instrument :
BNA_G
ClientSampleId :
ESII-TP1MS



Tgt Ion:162 Resp: 404470
Ion Ratio Lower Upper
162 100
127 38.9 30.2 45.4
164 34.3 28.6 43.0

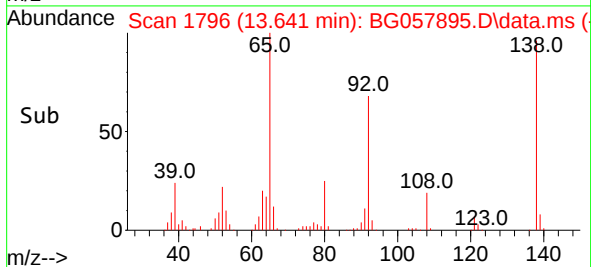
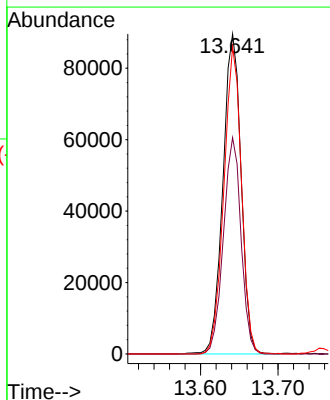
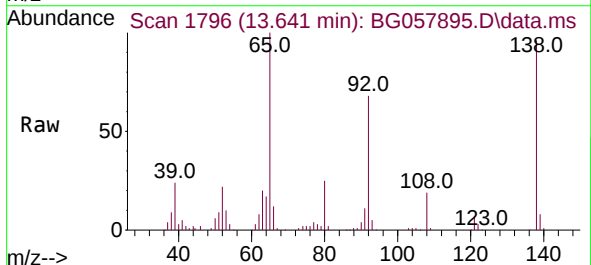
Manual Integrations
APPROVED

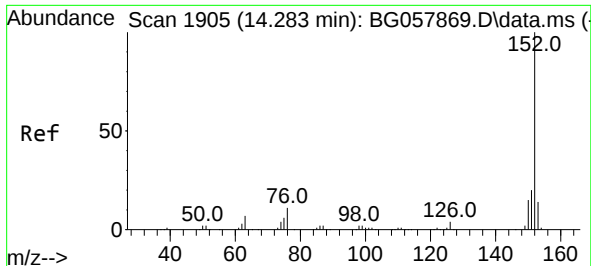
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#48
2-Nitroaniline
Concen: 45.347 ng
RT: 13.641 min Scan# 1796
Delta R.T. 0.005 min
Lab File: BG057895.D
Acq: 28 Jun 2023 16:35

Tgt Ion: 65 Resp: 146048
Ion Ratio Lower Upper
65 100
92 67.6 48.3 72.5
138 95.9 69.1 103.7





#49
Acenaphthylene
Concen: 45.186 ng
RT: 14.282 min Scan# 1905
Delta R.T. -0.001 min
Lab File: BG057895.D
Acq: 28 Jun 2023 16:35

Instrument :

BNA_G

ClientSampleId :

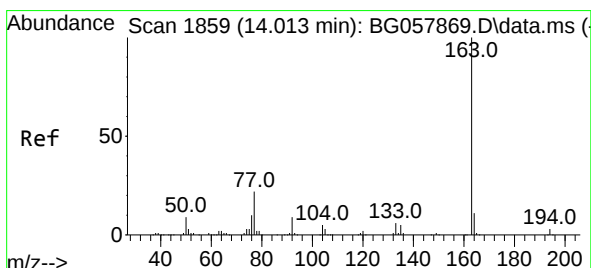
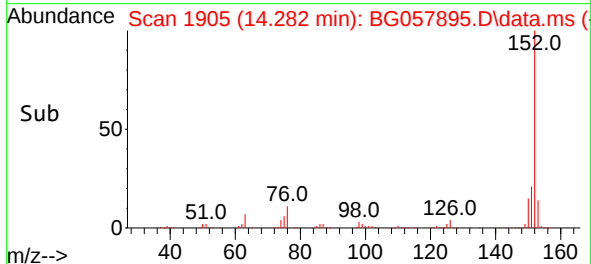
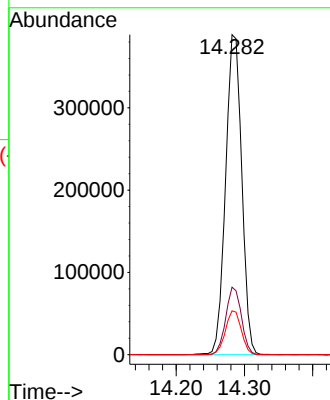
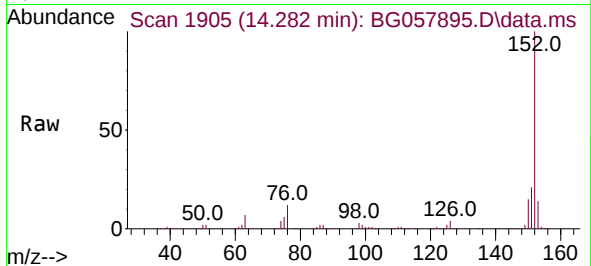
ESI-TP1MS

Tgt Ion:152 Resp: 640529
Ion Ratio Lower Upper
152 100
151 21.1 16.2 24.2
153 13.7 10.8 16.2

Manual Integrations

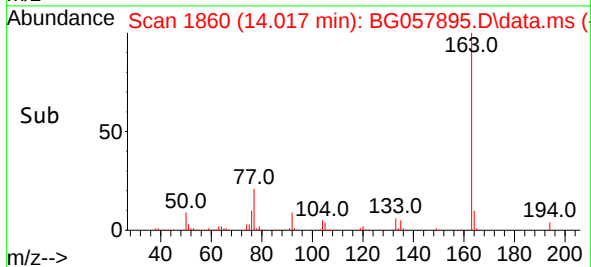
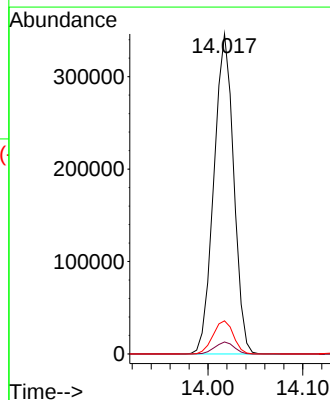
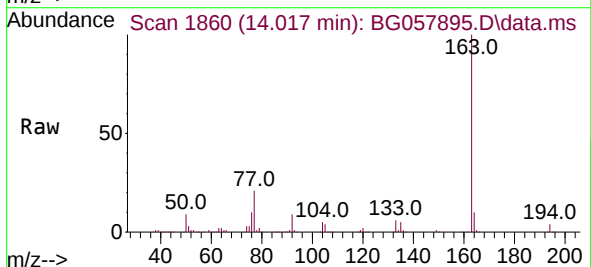
APPROVED

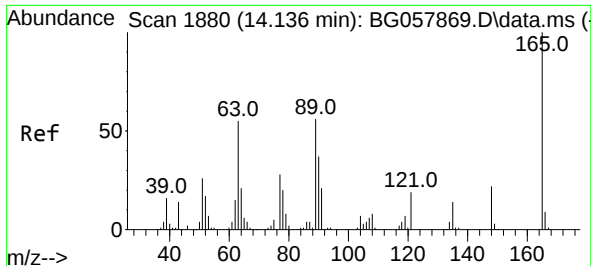
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#50
Dimethylphthalate
Concen: 40.997 ng
RT: 14.017 min Scan# 1860
Delta R.T. 0.004 min
Lab File: BG057895.D
Acq: 28 Jun 2023 16:35

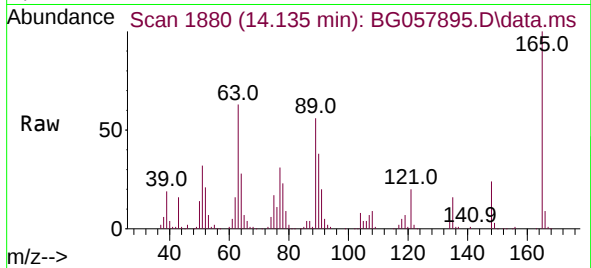
Tgt Ion:163 Resp: 502106
Ion Ratio Lower Upper
163 100
194 3.7 2.8 4.2
164 10.4 8.9 13.3





#51
2,6-Dinitrotoluene
Concen: 42.892 ng
RT: 14.135 min Scan# 1880
Delta R.T. -0.001 min
Lab File: BG057895.D
Acq: 28 Jun 2023 16:35

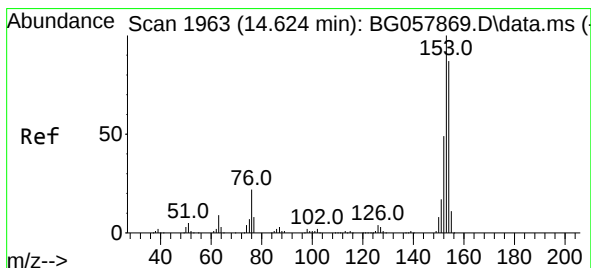
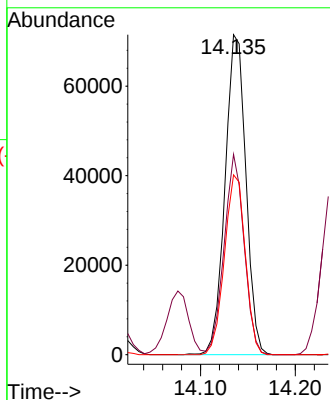
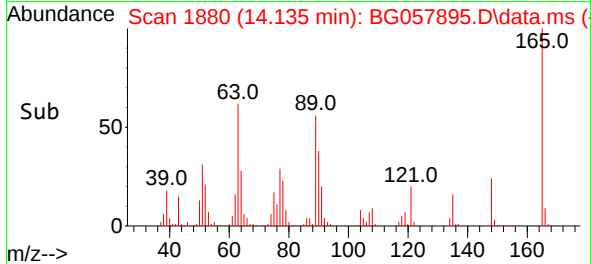
Instrument :
BNA_G
ClientSampleId :
ESI-TP1MS



Tgt Ion:165 Resp: 10907
Ion Ratio Lower Upper
165 100
63 62.6 46.4 69.6
89 56.2 45.0 67.6

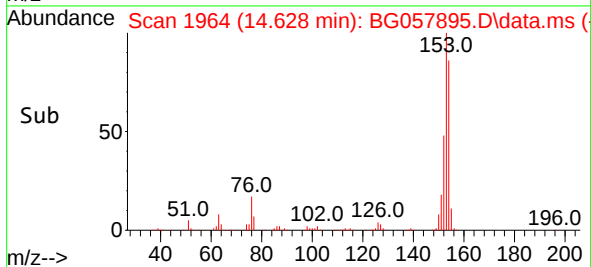
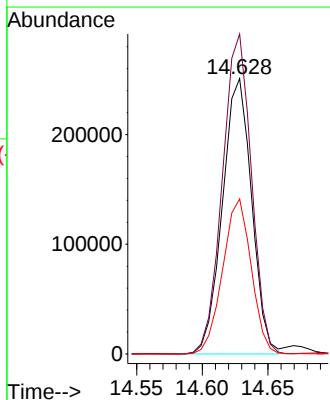
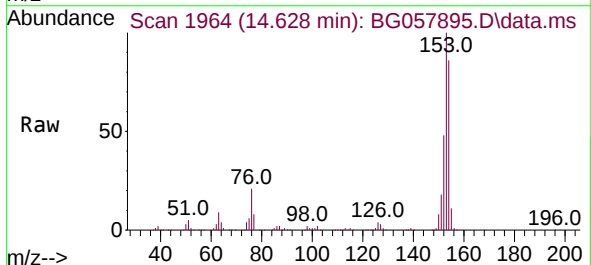
Manual Integrations
APPROVED

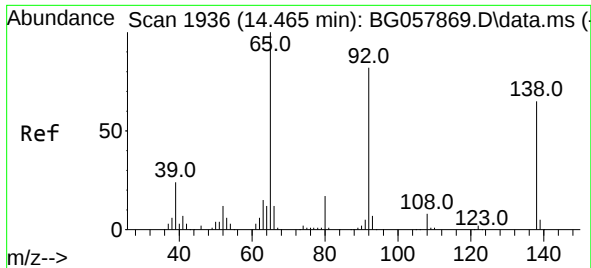
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#52
Acenaphthene
Concen: 46.915 ng
RT: 14.628 min Scan# 1964
Delta R.T. 0.005 min
Lab File: BG057895.D
Acq: 28 Jun 2023 16:35

Tgt Ion:154 Resp: 388501
Ion Ratio Lower Upper
154 100
153 116.2 91.5 137.3
152 56.3 44.6 67.0





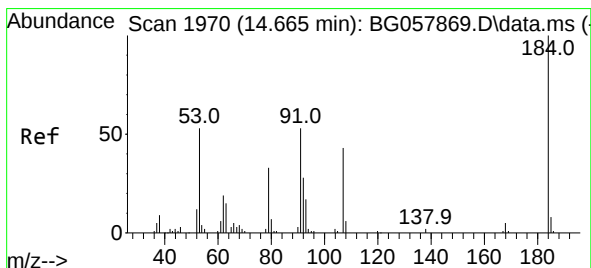
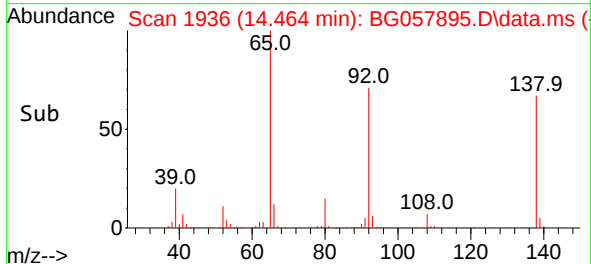
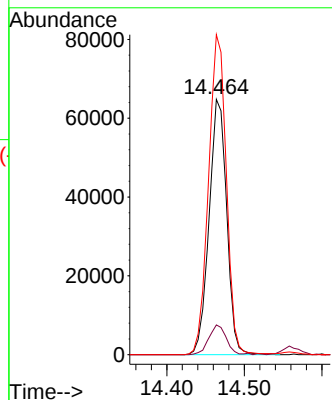
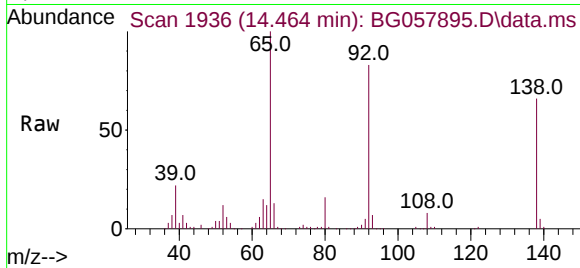
#53
3-Nitroaniline
Concen: 35.394 ng
RT: 14.464 min Scan# 1936
Delta R.T. -0.001 min
Lab File: BG057895.D
Acq: 28 Jun 2023 16:35

Instrument :
BNA_G
ClientSampleId :
ESI-TP1MS

Tgt Ion:138 Resp: 10232
Ion Ratio Lower Upper
138 100
108 11.6 9.8 14.6
92 125.3 101.7 152.5

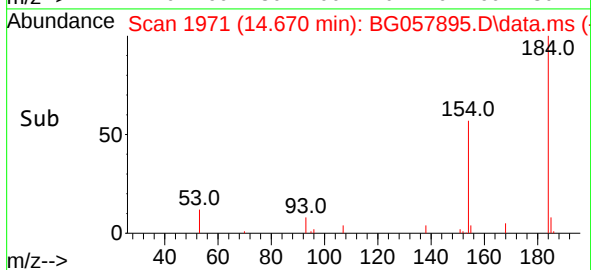
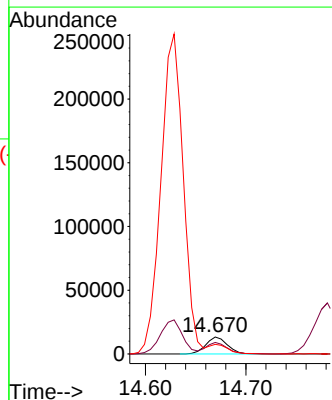
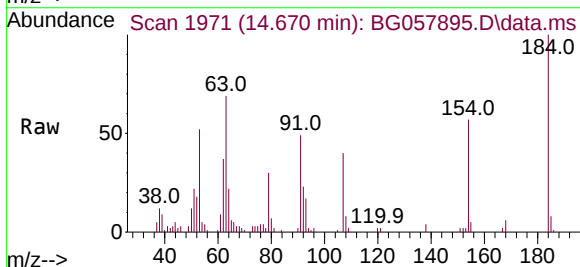
Manual Integrations
APPROVED

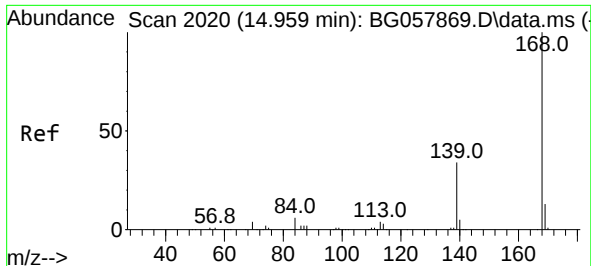
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#54
2,4-Dinitrophenol
Concen: 14.169 ng
RT: 14.670 min Scan# 1971
Delta R.T. 0.005 min
Lab File: BG057895.D
Acq: 28 Jun 2023 16:35

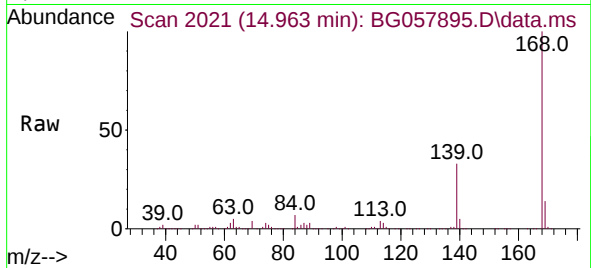
Tgt Ion:184 Resp: 19906
Ion Ratio Lower Upper
184 100
63 68.5 57.8 86.6
154 56.8 45.9 68.9





#55
Dibenzofuran
Concen: 44.609 ng
RT: 14.963 min Scan# 20
Delta R.T. 0.005 min
Lab File: BG057895.D
Acq: 28 Jun 2023 16:35

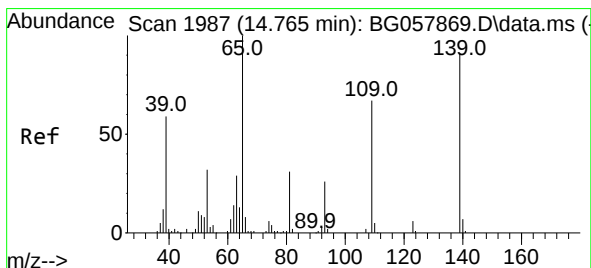
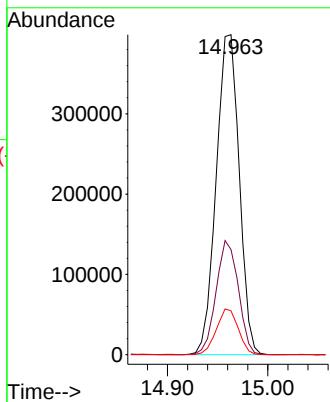
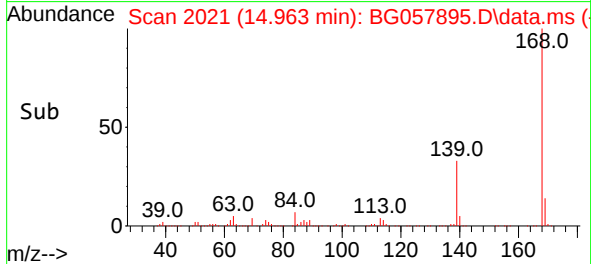
Instrument :
BNA_G
ClientSampleId :
ESII-TP1MS



Tgt Ion:168 Resp: 63362
Ion Ratio Lower Upper
168 100
139 32.9 27.3 40.9
169 13.7 10.3 15.5

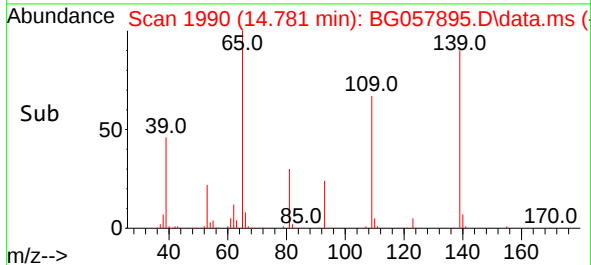
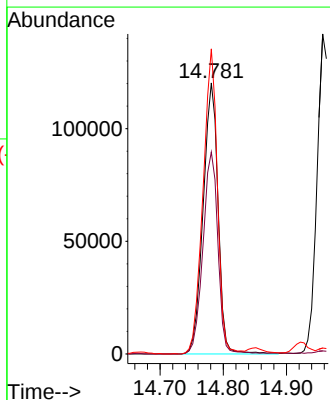
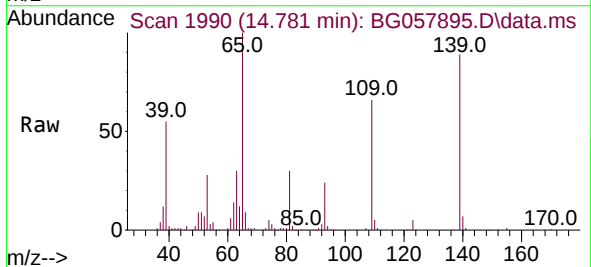
Manual Integrations
APPROVED

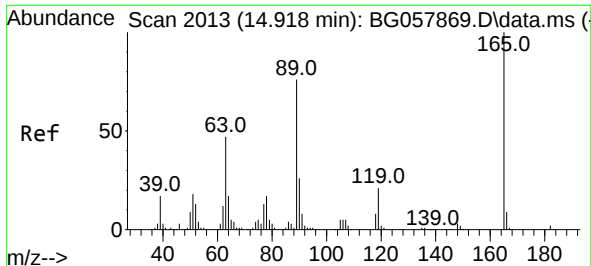
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#56
4-Nitrophenol
Concen: 83.379 ng
RT: 14.781 min Scan# 1990
Delta R.T. 0.016 min
Lab File: BG057895.D
Acq: 28 Jun 2023 16:35

Tgt Ion:139 Resp: 197617
Ion Ratio Lower Upper
139 100
109 74.5 53.7 93.7
65 112.6 89.9 129.9





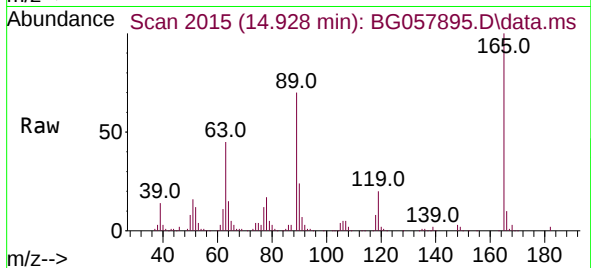
#57
2,4-Dinitrotoluene
Concen: 40.527 ng
RT: 14.928 min Scan# 2015
Delta R.T. 0.011 min
Lab File: BG057895.D
Acq: 28 Jun 2023 16:35

Instrument :

BNA_G

ClientSampleId :

ESI-TP1MS

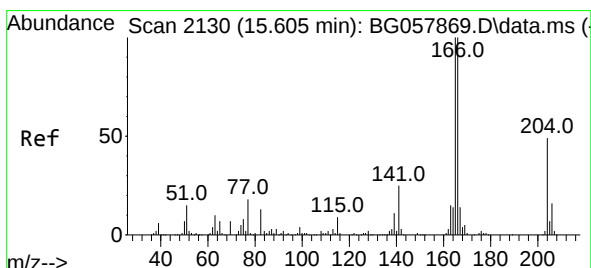
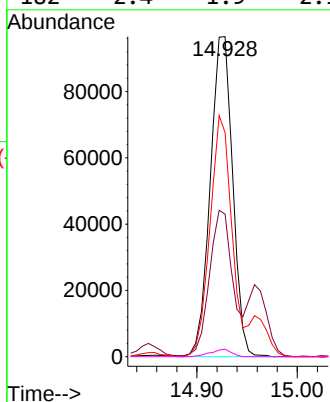
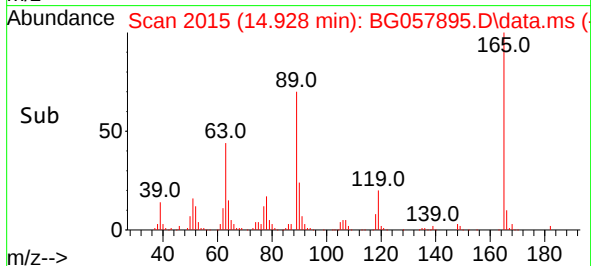


Tgt Ion:165 Resp: 14954
Ion Ratio Lower Upper
165 100
63 44.5 37.6 56.4
89 70.0 61.0 91.4
182 2.4 1.9 2.9

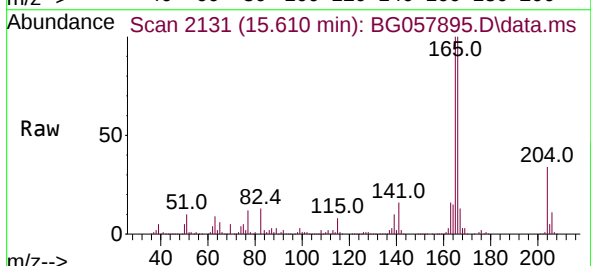
Manual Integrations

APPROVED

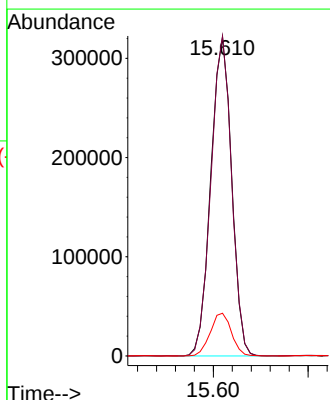
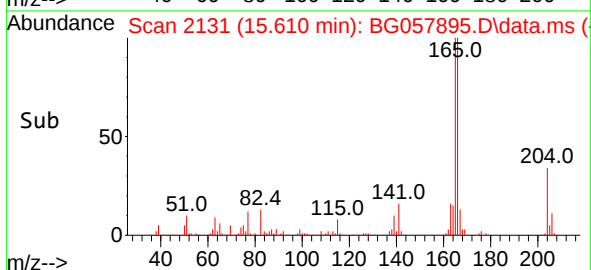
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

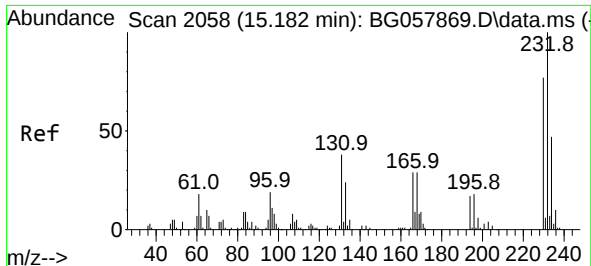


#58
Fluorene
Concen: 42.772 ng
RT: 15.610 min Scan# 2131
Delta R.T. 0.005 min
Lab File: BG057895.D
Acq: 28 Jun 2023 16:35



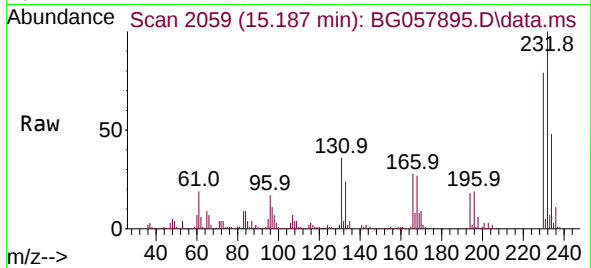
Tgt Ion:166 Resp: 490338
Ion Ratio Lower Upper
166 100
165 100.2 80.0 120.0
167 13.4 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.090 ng
RT: 15.187 min Scan# 2058
Delta R.T. 0.005 min
Lab File: BG057895.D
Acq: 28 Jun 2023 16:35

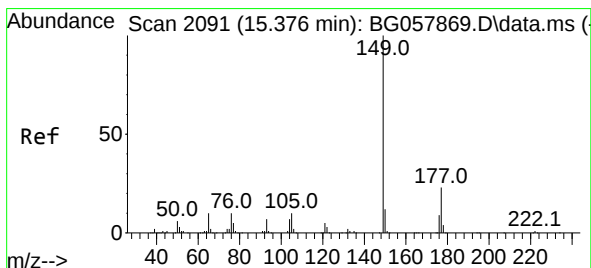
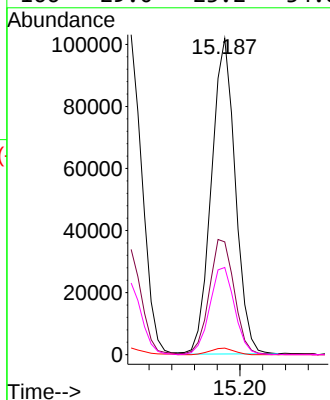
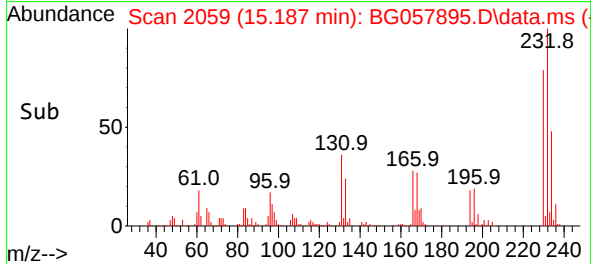
Instrument :
BNA_G
ClientSampleId :
ESI-TP1MS



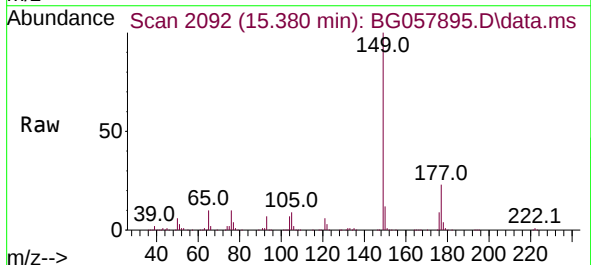
Tgt Ion:232 Resp: 148154
Ion Ratio Lower Upper
232 100
131 38.4 31.2 46.8
130 2.1 1.6 2.4
166 29.0 23.2 34.8

Manual Integrations
APPROVED

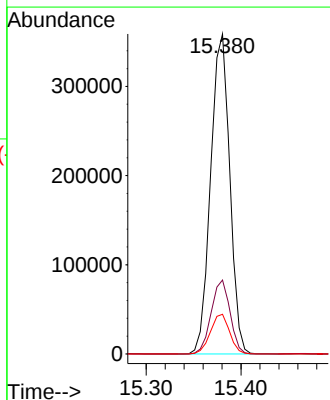
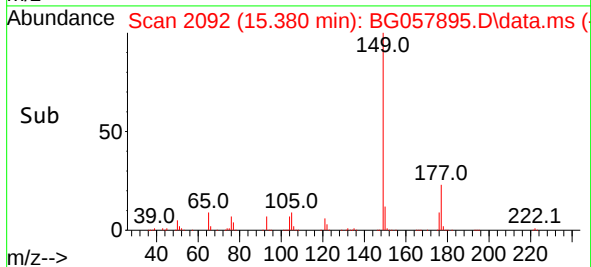
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

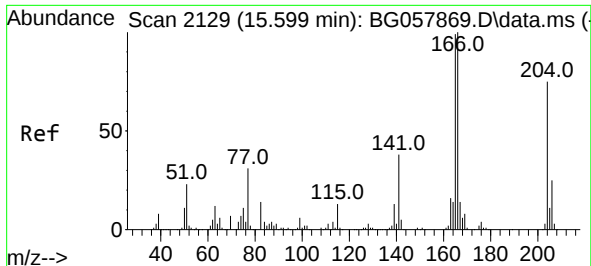


#60
Diethylphthalate
Concen: 38.845 ng
RT: 15.380 min Scan# 2092
Delta R.T. 0.005 min
Lab File: BG057895.D
Acq: 28 Jun 2023 16:35



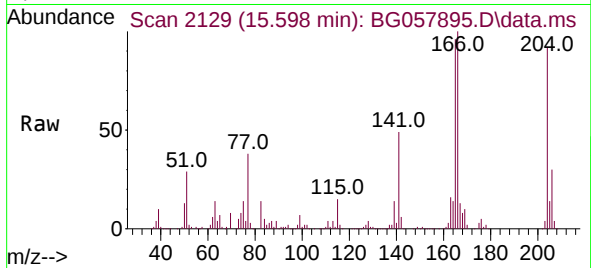
Tgt Ion:149 Resp: 501491
Ion Ratio Lower Upper
149 100
177 23.1 18.2 27.4
150 12.4 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 41.819 ng
RT: 15.598 min Scan# 2129
Delta R.T. -0.001 min
Lab File: BG057895.D
Acq: 28 Jun 2023 16:35

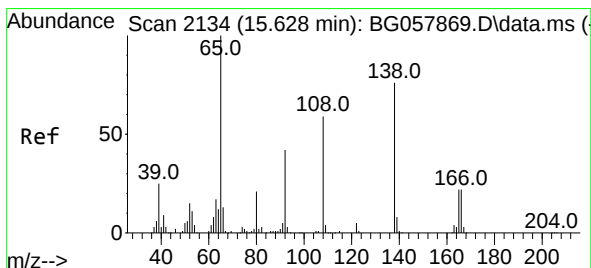
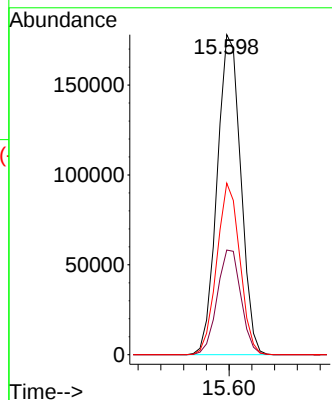
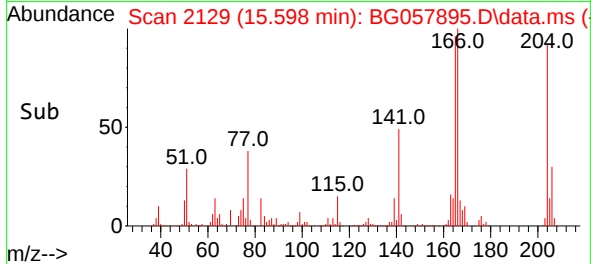
Instrument :
BNA_G
ClientSampleId :
ESI-TP1MS



Tgt Ion:204 Resp: 25714
Ion Ratio Lower Upper
204 100
206 32.7 26.6 39.8
141 53.6 40.6 60.8

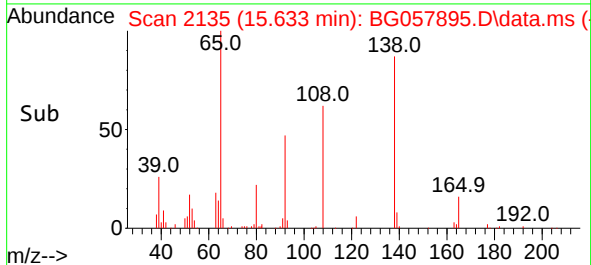
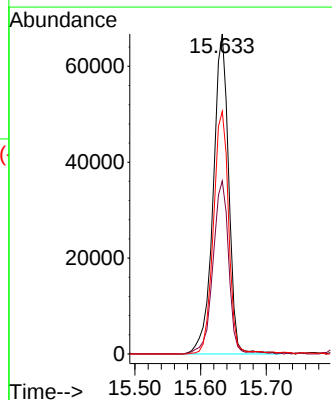
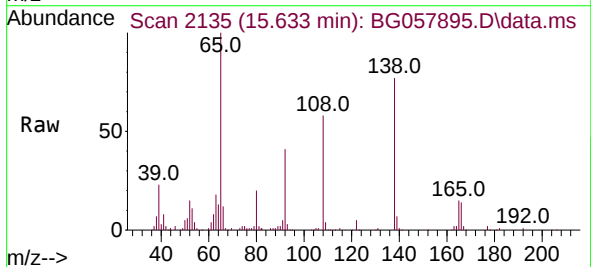
Manual Integrations
APPROVED

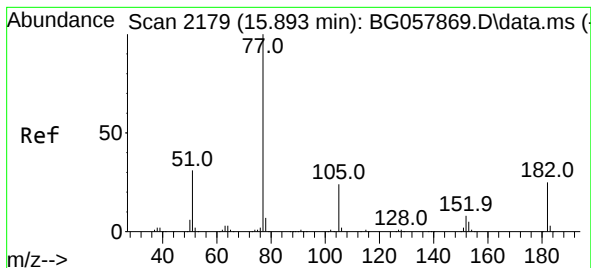
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#62
4-Nitroaniline
Concen: 36.105 ng
RT: 15.633 min Scan# 2135
Delta R.T. 0.005 min
Lab File: BG057895.D
Acq: 28 Jun 2023 16:35

Tgt Ion:138 Resp: 109484
Ion Ratio Lower Upper
138 100
92 54.1 35.2 75.2
108 75.8 57.8 97.8





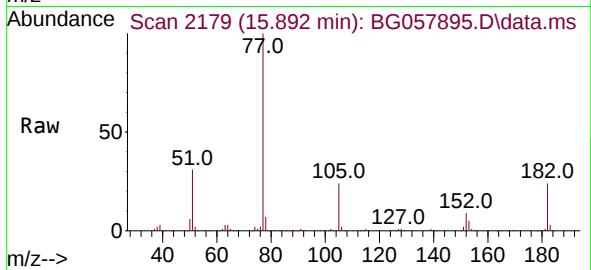
#63
Azobenzene
Concen: 42.262 ng
RT: 15.892 min Scan# 2179
Delta R.T. -0.001 min
Lab File: BG057895.D
Acq: 28 Jun 2023 16:35

Instrument :

BNA_G

ClientSampleId :

ESI-TP1MS

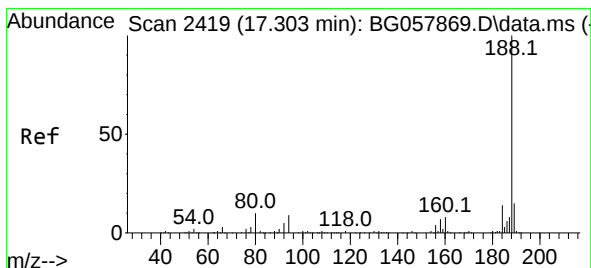
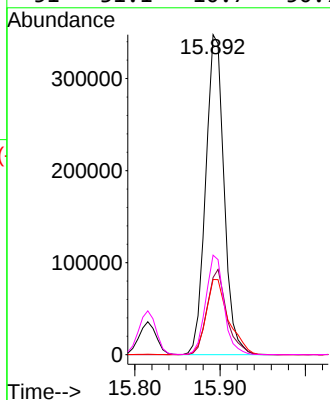
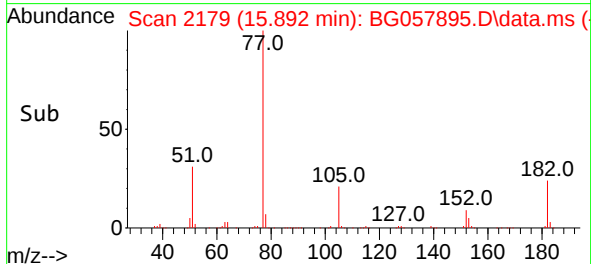


Tgt Ion: 77 Resp: 521760
Ion Ratio Lower Upper
77 100
182 24.1 5.1 45.1
105 23.5 3.9 43.9
51 31.1 10.7 50.7

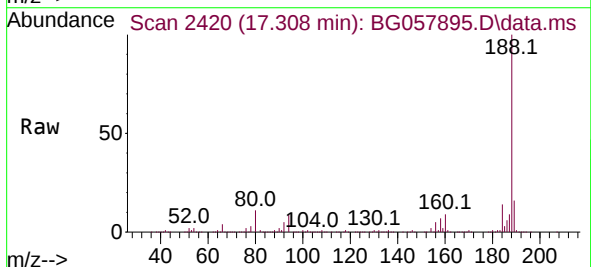
Manual Integrations

APPROVED

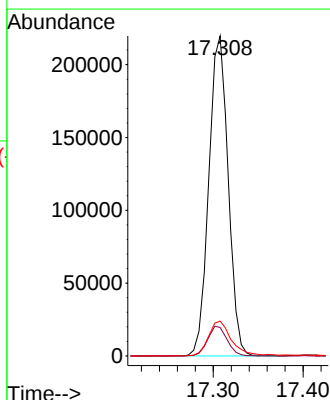
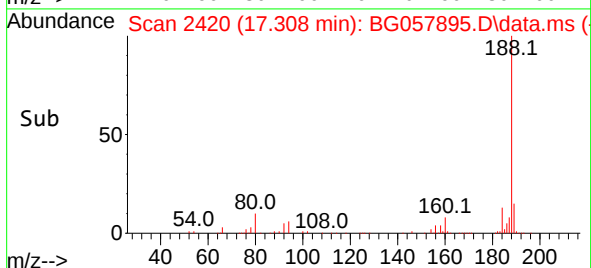
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

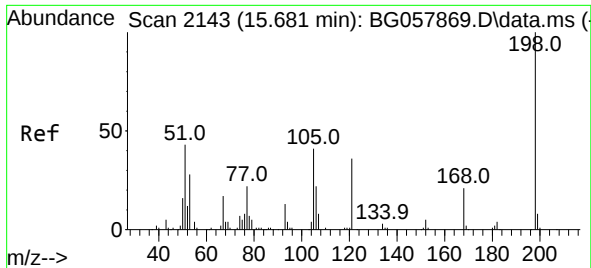


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.308 min Scan# 2420
Delta R.T. 0.005 min
Lab File: BG057895.D
Acq: 28 Jun 2023 16:35



Tgt Ion:188 Resp: 328653
Ion Ratio Lower Upper
188 100
94 8.9 7.2 10.8
80 10.9 8.4 12.6





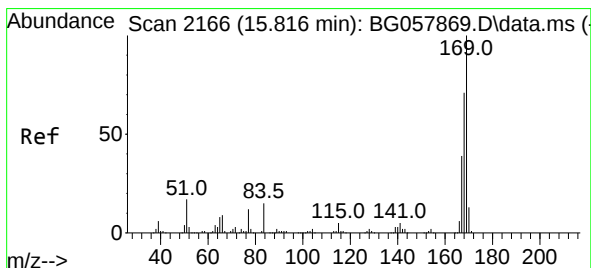
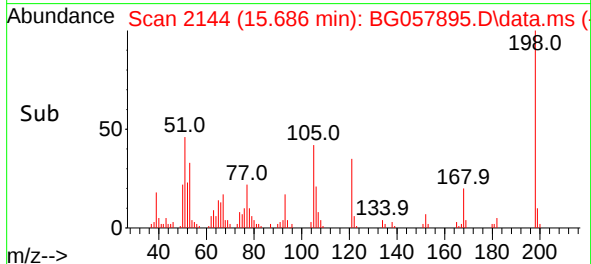
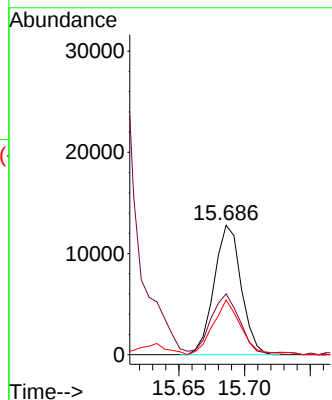
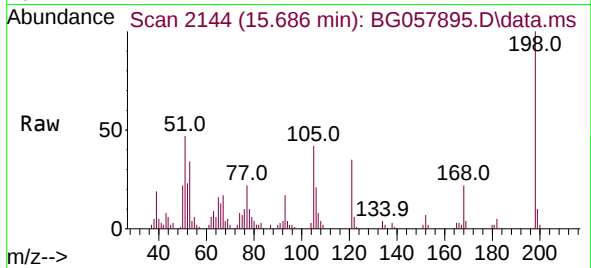
#65
4,6-Dinitro-2-methylphenol
Concen: 10.381 ng
RT: 15.686 min Scan# 2143
Delta R.T. 0.005 min
Lab File: BG057895.D
Acq: 28 Jun 2023 16:35

Instrument :
BNA_G
ClientSampleId :
ESI-TP1MS

Tgt Ion:198 Resp: 18360
Ion Ratio Lower Upper
198 100
51 46.9 27.2 67.2
105 42.3 22.3 62.3

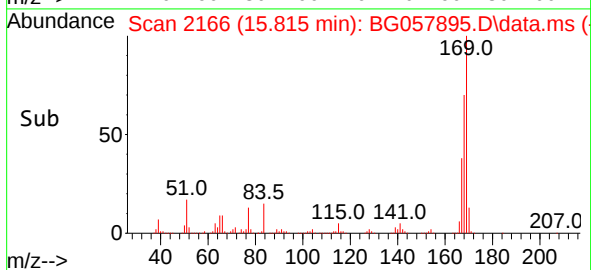
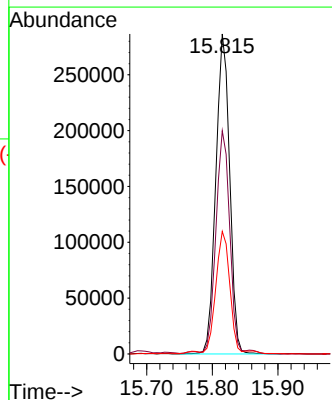
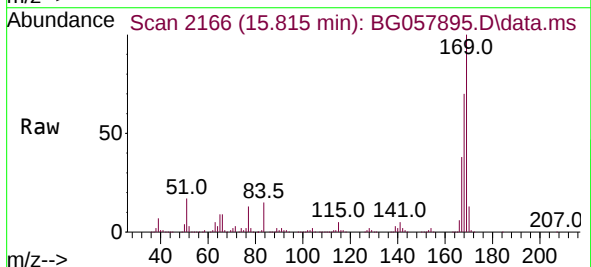
Manual Integrations
APPROVED

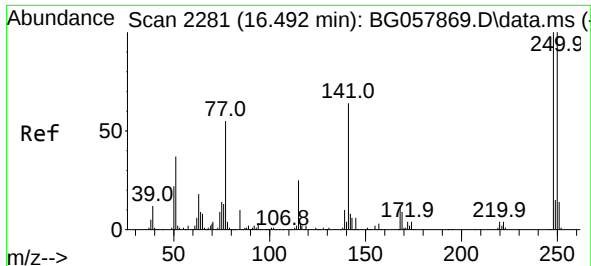
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#66
n-Nitrosodiphenylamine
Concen: 49.960 ng
RT: 15.815 min Scan# 2166
Delta R.T. -0.001 min
Lab File: BG057895.D
Acq: 28 Jun 2023 16:35

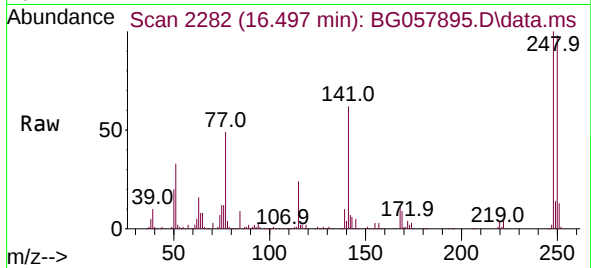
Tgt Ion:169 Resp: 419029
Ion Ratio Lower Upper
169 100
168 69.7 56.6 85.0
167 38.3 31.1 46.7





#67
4-Bromophenyl-phenylether
Concen: 49.364 ng
RT: 16.497 min Scan# 21
Delta R.T. 0.005 min
Lab File: BG057895.D
Acq: 28 Jun 2023 16:35

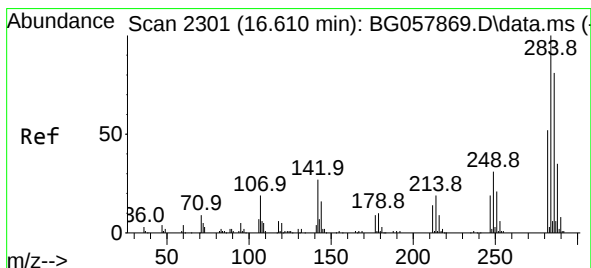
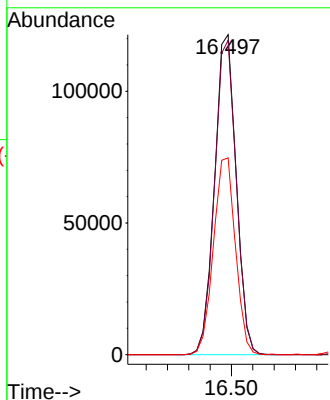
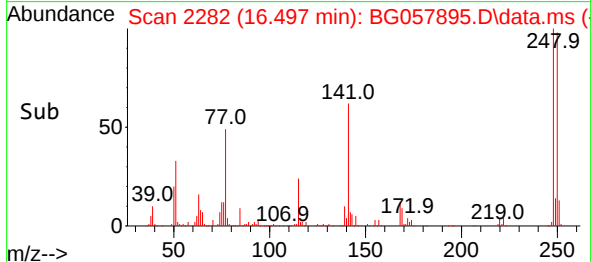
Instrument :
BNA_G
ClientSampleId :
ESI-TP1MS



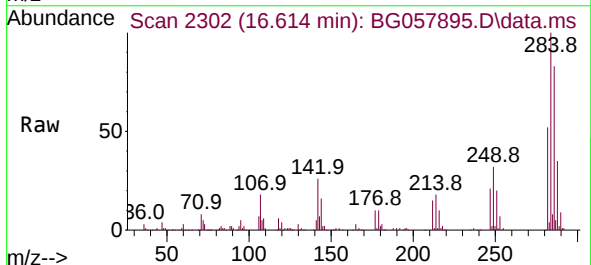
Tgt Ion:248 Resp: 17125
Ion Ratio Lower Upper
248 100
250 98.3 79.7 119.5
141 61.5 50.8 76.2

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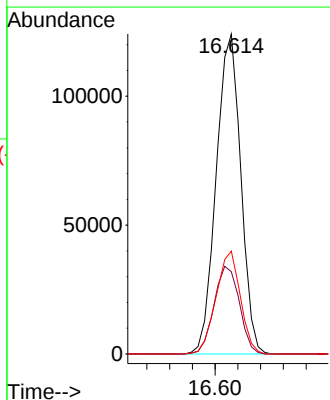
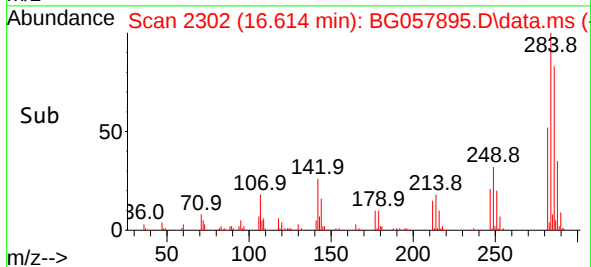
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

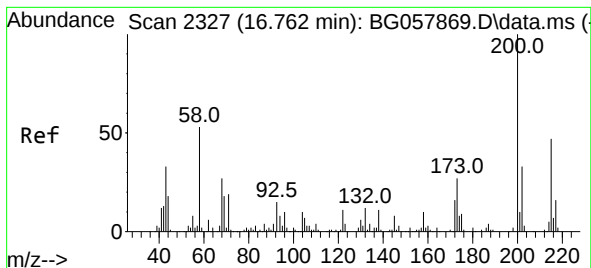


#68
Hexachlorobenzene
Concen: 50.844 ng
RT: 16.614 min Scan# 2302
Delta R.T. 0.005 min
Lab File: BG057895.D
Acq: 28 Jun 2023 16:35



Tgt Ion:284 Resp: 186267
Ion Ratio Lower Upper
284 100
142 25.7 21.4 32.0
249 32.2 24.9 37.3





#69

Atrazine

Concen: 53.230 ng

RT: 16.767 min Scan# 21

Delta R.T. 0.005 min

Lab File: BG057895.D

Acq: 28 Jun 2023 16:35

Instrument :

BNA_G

ClientSampleId :

ESI-TP1MS

Tgt Ion:200 Resp: 16580

Ion Ratio Lower Upper

200 100

173 27.2 7.2 47.2

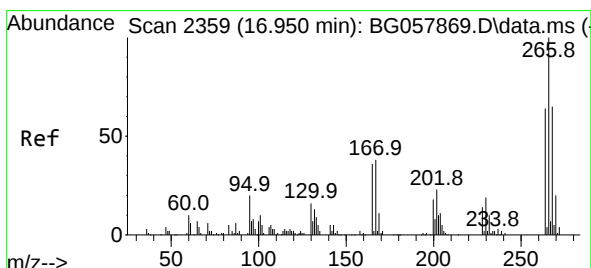
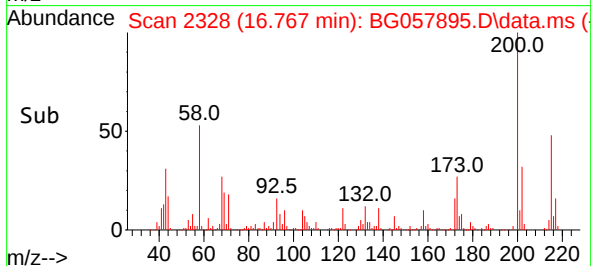
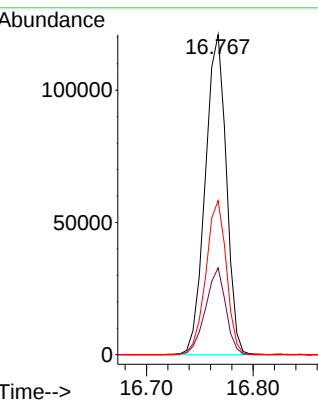
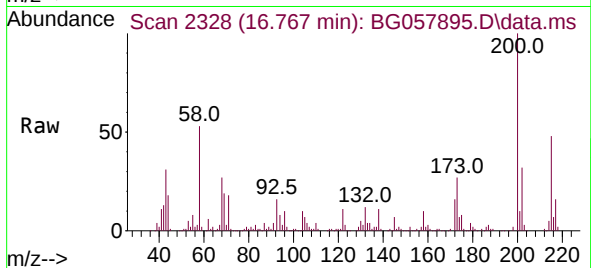
215 48.2 26.9 66.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2023

Supervised By :mohammad ahmed 06/29/2023



#70

Pentachlorophenol

Concen: 86.888 ng

RT: 16.961 min Scan# 2361

Delta R.T. 0.011 min

Lab File: BG057895.D

Acq: 28 Jun 2023 16:35

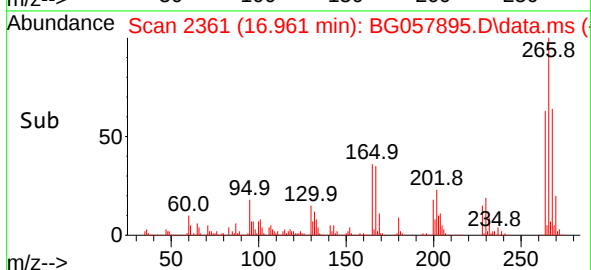
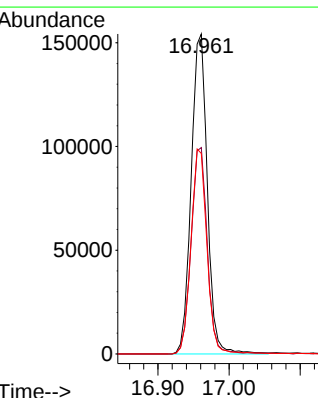
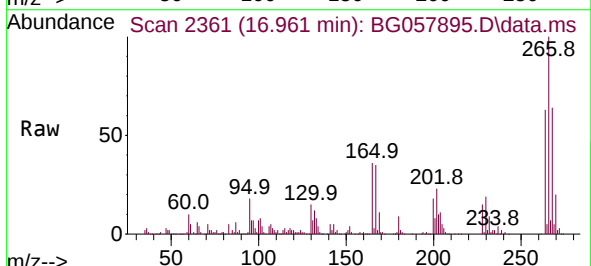
Tgt Ion:266 Resp: 243430

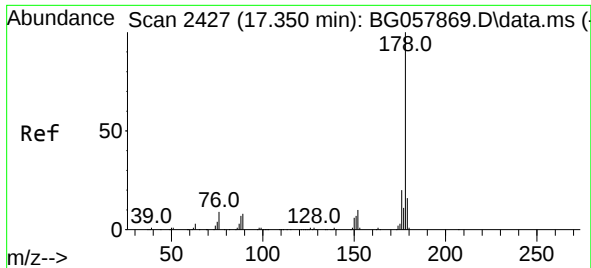
Ion Ratio Lower Upper

266 100

268 64.5 52.2 78.2

264 62.7 50.9 76.3





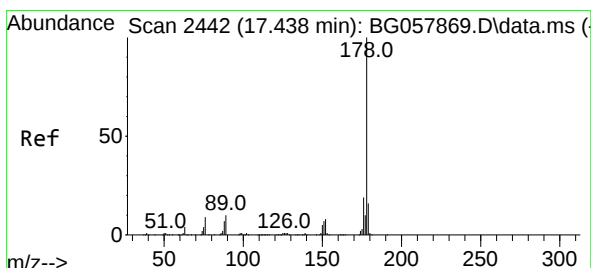
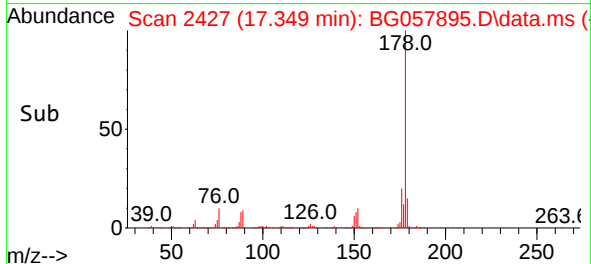
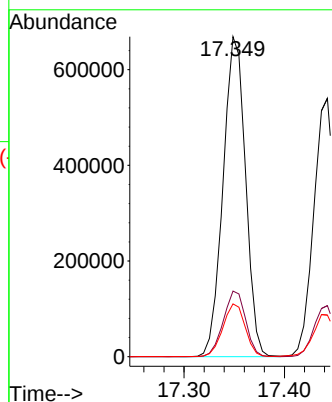
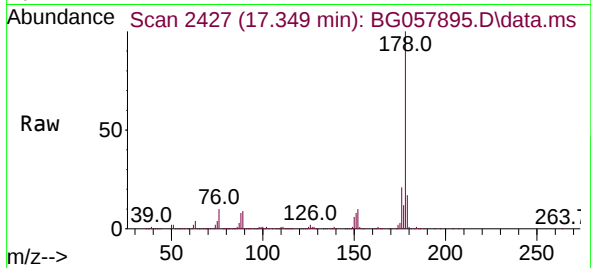
#71
Phenanthrene
Concen: 66.000 ng
RT: 17.349 min Scan# 2427
Delta R.T. -0.001 min
Lab File: BG057895.D
Acq: 28 Jun 2023 16:35

Instrument :
BNA_G
ClientSampleId :
ESII-TP1MS

Tgt Ion:178 Resp: 1041240
Ion Ratio Lower Upper
178 100
176 20.5 16.3 24.5
179 16.5 13.2 19.8

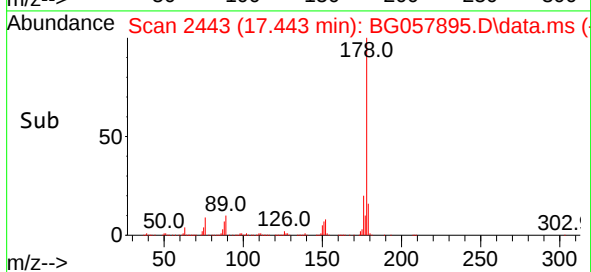
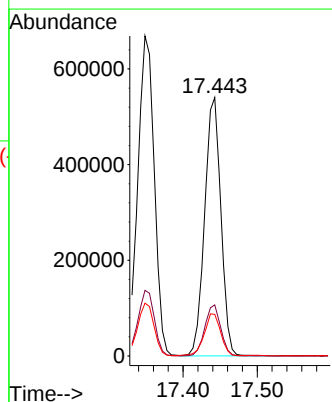
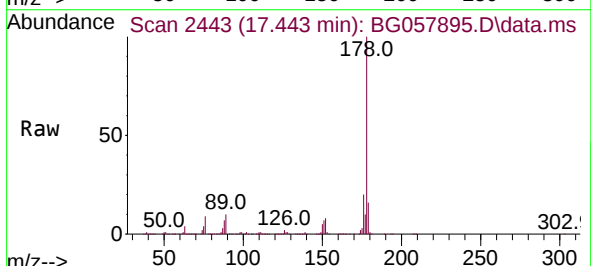
Manual Integrations
APPROVED

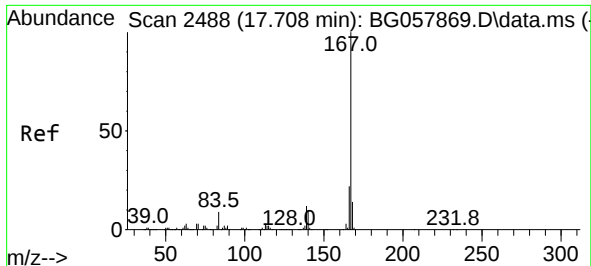
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#72
Anthracene
Concen: 50.581 ng
RT: 17.443 min Scan# 2443
Delta R.T. 0.005 min
Lab File: BG057895.D
Acq: 28 Jun 2023 16:35

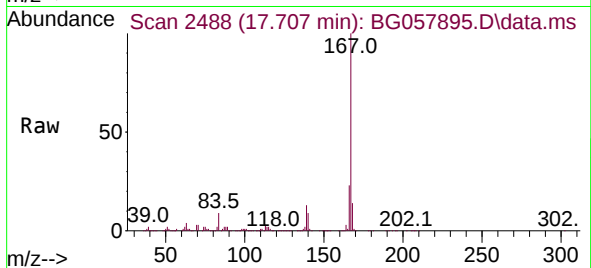
Tgt Ion:178 Resp: 823007
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.0
179 16.1 12.9 19.3





#73
 Carbazole
 Concen: 46.719 ng
 RT: 17.707 min Scan# 2488
 Delta R.T. -0.001 min
 Lab File: BG057895.D
 Acq: 28 Jun 2023 16:35

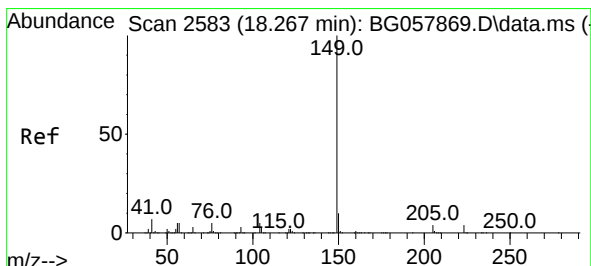
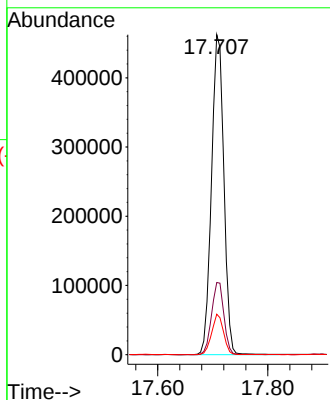
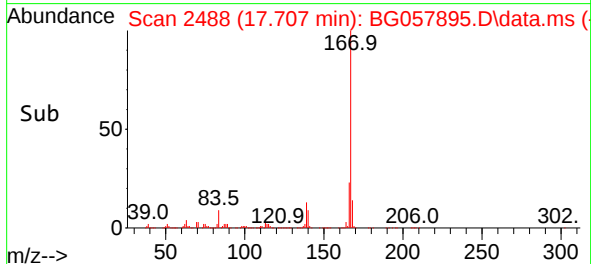
Instrument :
 BNA_G
 ClientSampleId :
 ESII-TP1MS



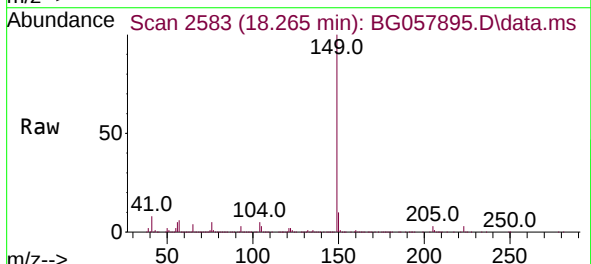
Tgt Ion:167 Resp: 722779
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.8 26.8
 139 12.6 9.8 14.8

Manual Integrations
 APPROVED

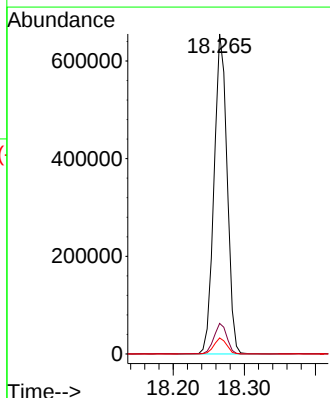
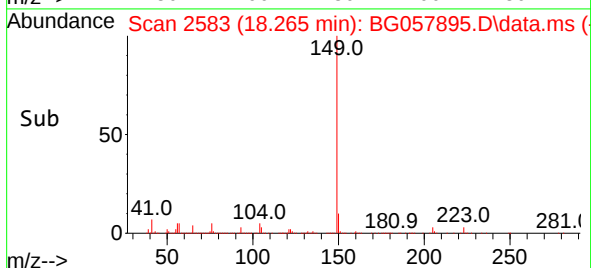
Reviewed By :Yogesh Patel 06/29/2023
 Supervised By :mohammad ahmed 06/29/2023

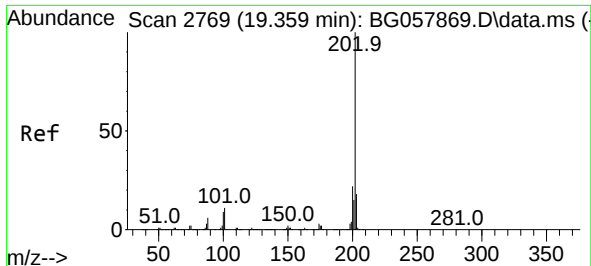


#74
 Di-n-butylphthalate
 Concen: 43.566 ng
 RT: 18.265 min Scan# 2583
 Delta R.T. -0.001 min
 Lab File: BG057895.D
 Acq: 28 Jun 2023 16:35



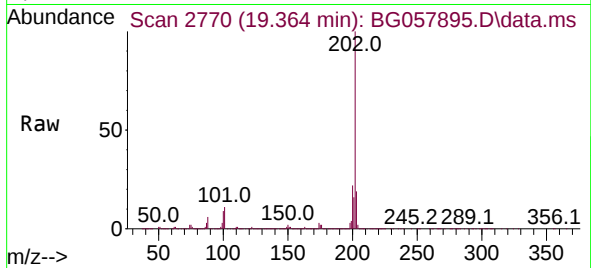
Tgt Ion:149 Resp: 833043
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.6 11.4
 104 5.0 3.9 5.9





#75
Fluoranthene
Concen: 58.965 ng
RT: 19.364 min Scan# 21
Delta R.T. 0.005 min
Lab File: BG057895.D
Acq: 28 Jun 2023 16:35

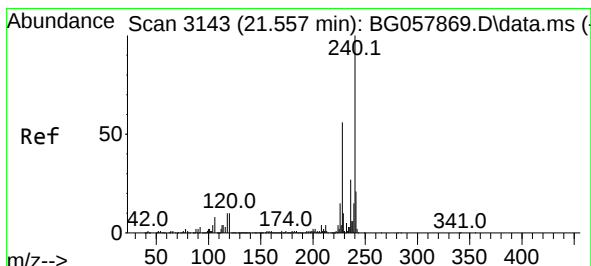
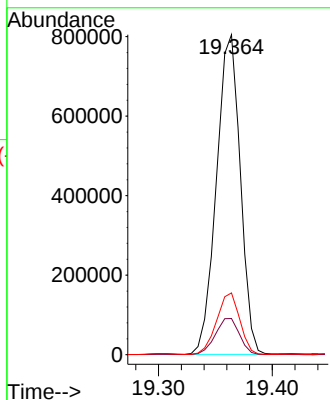
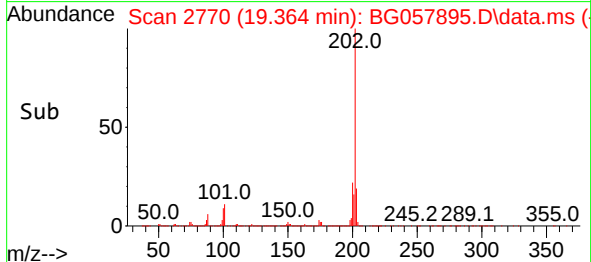
Instrument :
BNA_G
ClientSampleId :
ESII-TP1MS



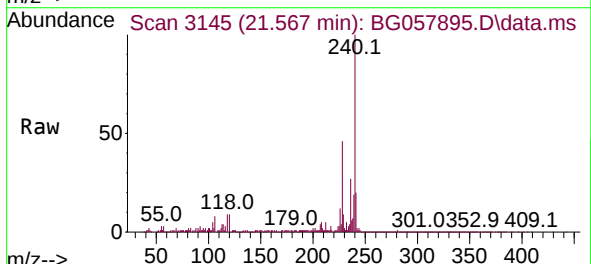
Tgt Ion:202 Resp: 1171924
Ion Ratio Lower Upper
202 100
101 11.3 0.0 31.3
203 19.3 0.0 38.2

Manual Integrations
APPROVED

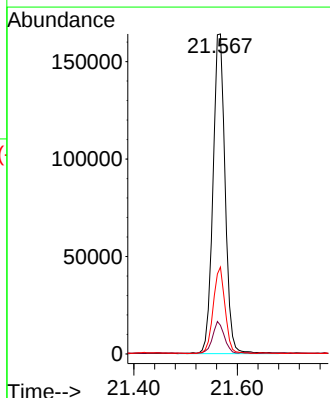
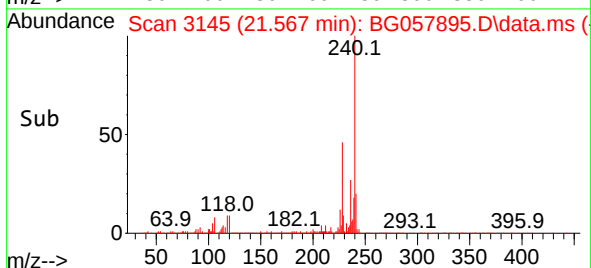
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

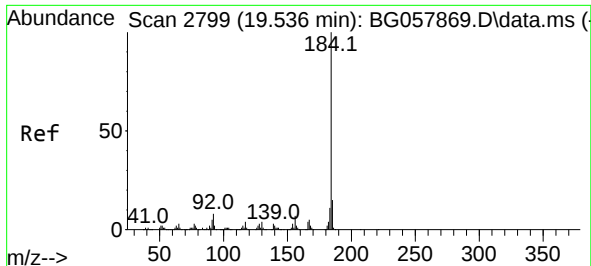


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.567 min Scan# 3145
Delta R.T. 0.011 min
Lab File: BG057895.D
Acq: 28 Jun 2023 16:35



Tgt Ion:240 Resp: 266959
Ion Ratio Lower Upper
240 100
120 9.0 8.1 12.1
236 27.2 21.9 32.9





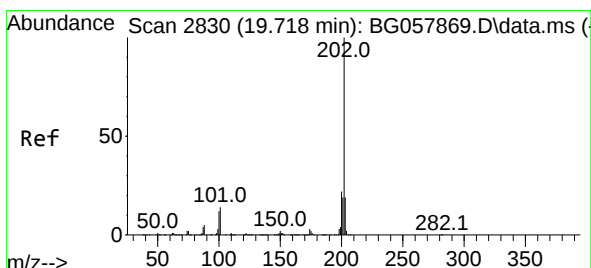
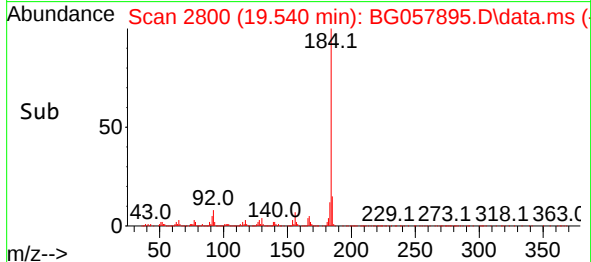
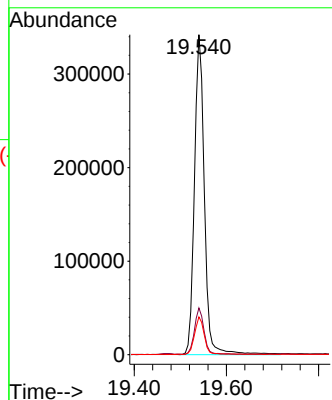
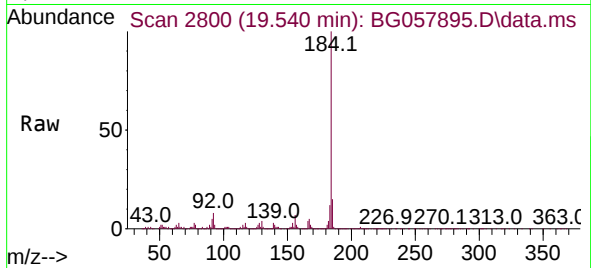
#77
Benzidine
Concen: 81.694 ng
RT: 19.540 min Scan# 2800
Delta R.T. 0.004 min
Lab File: BG057895.D
Acq: 28 Jun 2023 16:35

Instrument :
BNA_G
ClientSampleId :
ESI-TP1MS

Tgt Ion:184 Resp: 511659
Ion Ratio Lower Upper
184 100
185 14.6 11.7 17.5
183 11.8 9.0 13.4

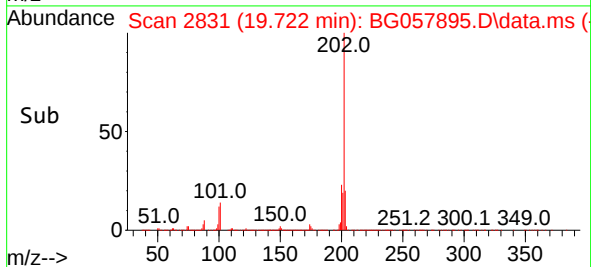
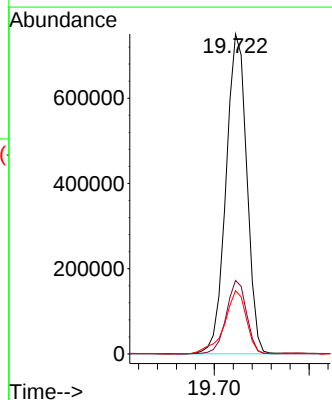
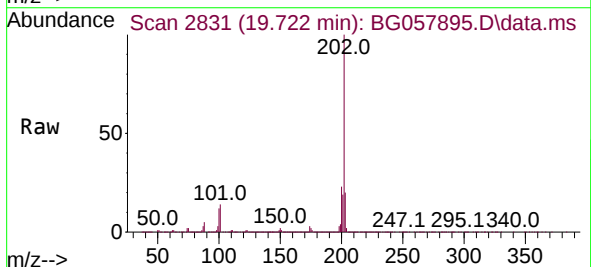
Manual Integrations
APPROVED

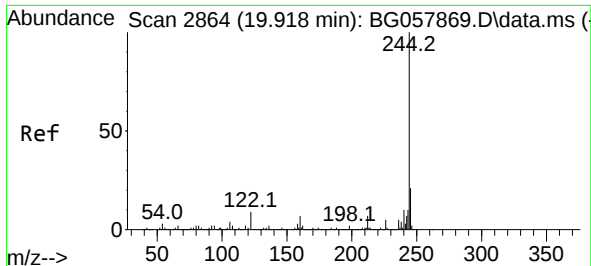
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#78
Pyrene
Concen: 59.866 ng
RT: 19.722 min Scan# 2831
Delta R.T. 0.005 min
Lab File: BG057895.D
Acq: 28 Jun 2023 16:35

Tgt Ion:202 Resp: 1141142
Ion Ratio Lower Upper
202 100
200 23.0 17.7 26.5
203 19.7 15.2 22.8





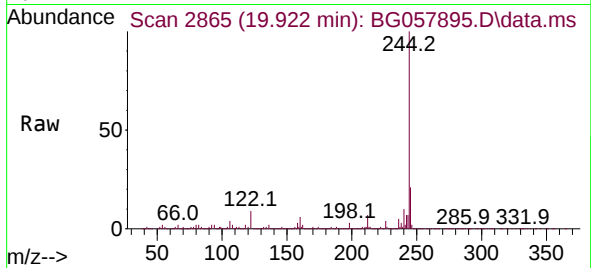
#79
 Terphenyl-d14
 Concen: 72.272 ng
 RT: 19.922 min Scan# 2864
 Delta R.T. 0.005 min
 Lab File: BG057895.D
 Acq: 28 Jun 2023 16:35

Instrument :

BNA_G

ClientSampleId :

ESI-TP1MS

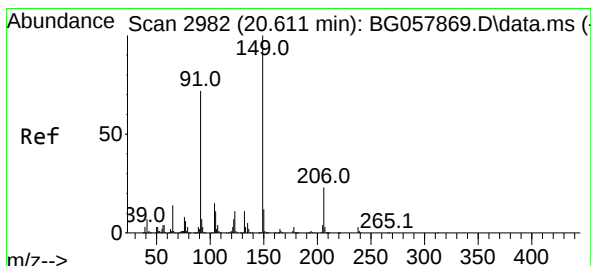
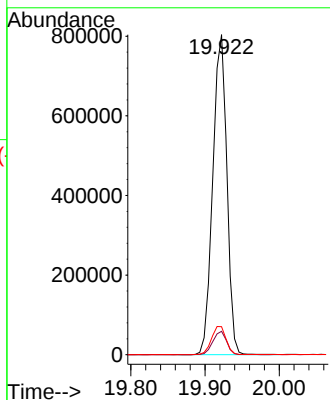
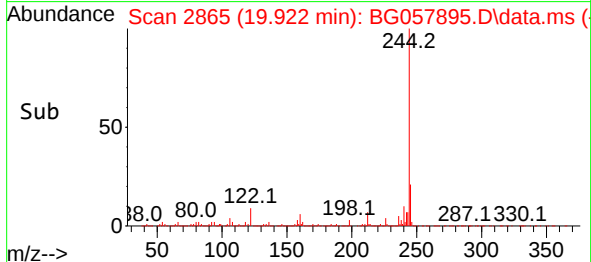


Tgt Ion:244 Resp: 1058298
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 8.7 7.4 11.0

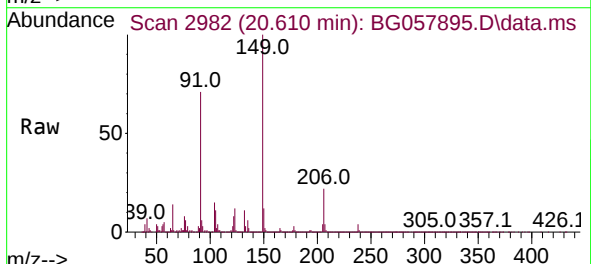
Manual Integrations

APPROVED

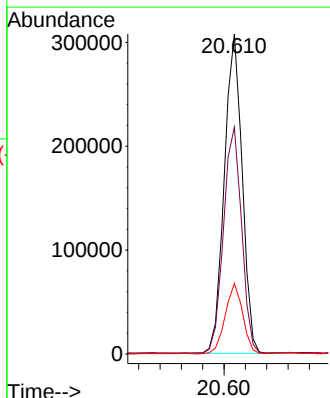
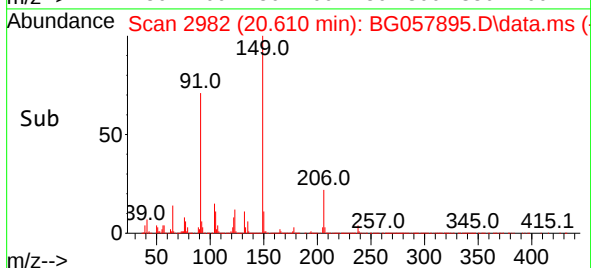
Reviewed By :Yogesh Patel 06/29/2023
 Supervised By :mohammad ahmed 06/29/2023

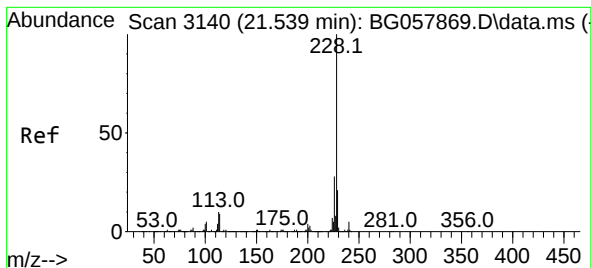


#80
 Butylbenzylphthalate
 Concen: 46.245 ng
 RT: 20.610 min Scan# 2982
 Delta R.T. -0.001 min
 Lab File: BG057895.D
 Acq: 28 Jun 2023 16:35



Tgt Ion:149 Resp: 357454
 Ion Ratio Lower Upper
 149 100
 91 70.9 57.4 86.2
 206 22.0 18.2 27.2





#81

Benzo(a)anthracene

Concen: 54.363 ng

RT: 21.544 min Scan# 3141

Delta R.T. 0.005 min

Lab File: BG057895.D

Acq: 28 Jun 2023 16:35

Instrument :

BNA_G

ClientSampleId :

ESI-TP1MS

Tgt Ion:228 Resp: 1004328

Ion Ratio Lower Upper

228 100

226 28.8 22.7 34.1

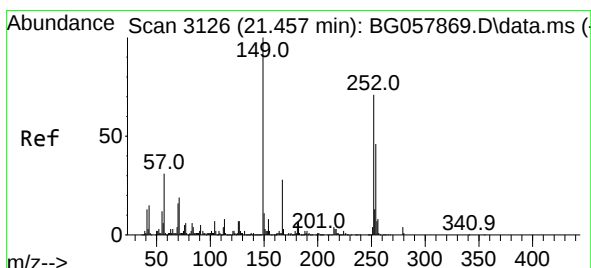
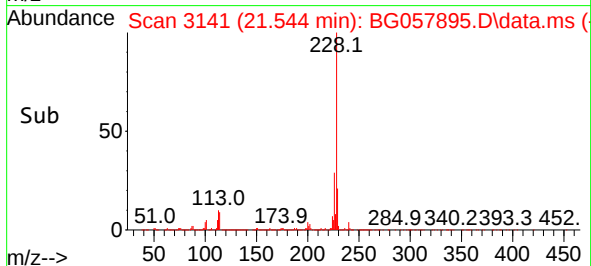
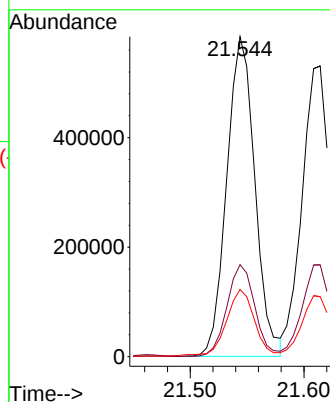
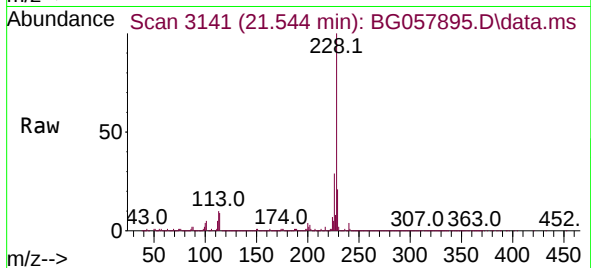
229 21.0 16.5 24.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2023

Supervised By :mohammad ahmed 06/29/2023



#82

3,3'-Dichlorobenzidine

Concen: 42.722 ng

RT: 21.462 min Scan# 3127

Delta R.T. 0.005 min

Lab File: BG057895.D

Acq: 28 Jun 2023 16:35

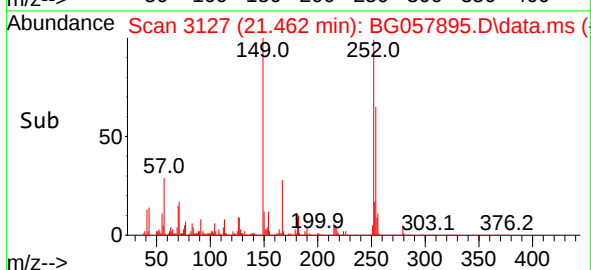
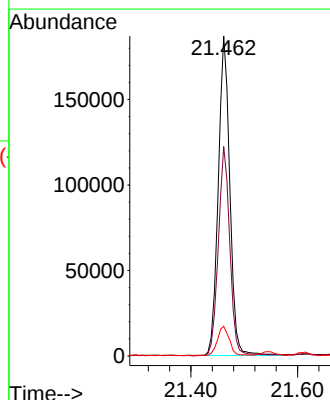
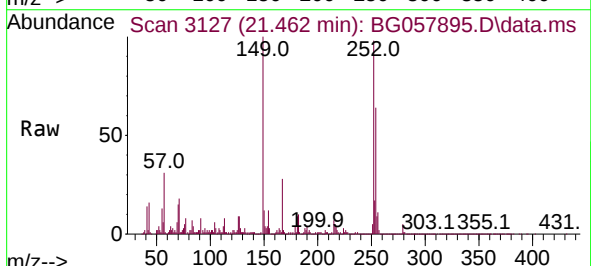
Tgt Ion:252 Resp: 280842

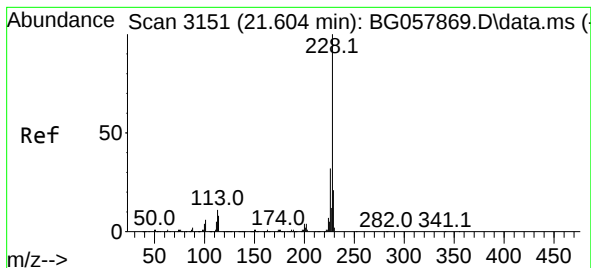
Ion Ratio Lower Upper

252 100

254 65.5 51.5 77.3

126 9.3 7.4 11.2





#83

Chrysene

Concen: 52.536 ng

RT: 21.614 min Scan# 3151

Delta R.T. 0.011 min

Lab File: BG057895.D

Acq: 28 Jun 2023 16:35

Instrument :

BNA_G

ClientSampleId :

ESI-TP1MS

Tgt Ion:228 Resp: 918690

Ion Ratio Lower Upper

228 100

226 31.6 25.3 37.9

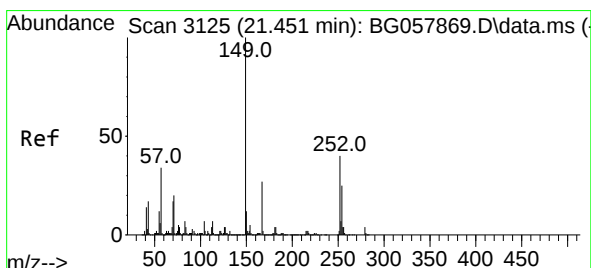
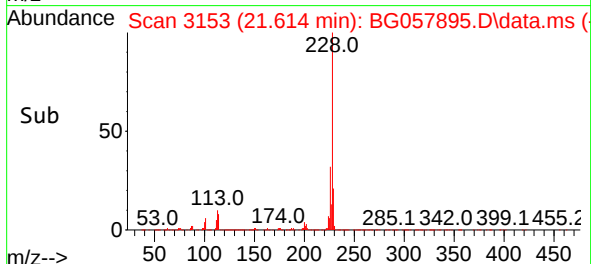
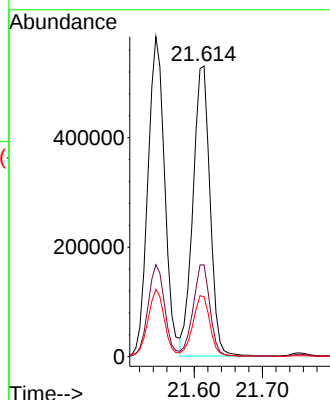
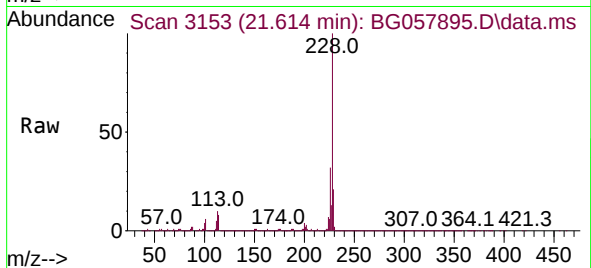
229 20.6 16.5 24.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2023

Supervised By :mohammad ahmed 06/29/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.523 ng

RT: 21.450 min Scan# 3125

Delta R.T. -0.001 min

Lab File: BG057895.D

Acq: 28 Jun 2023 16:35

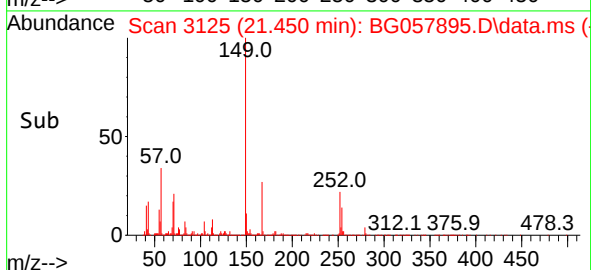
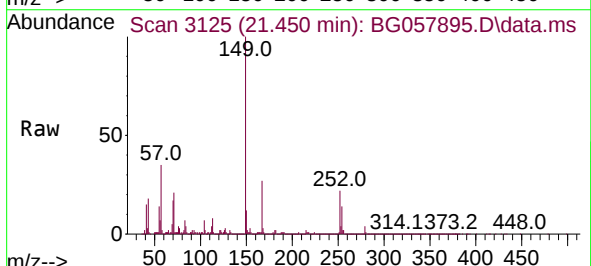
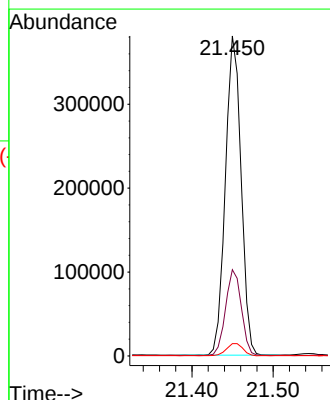
Tgt Ion:149 Resp: 510564

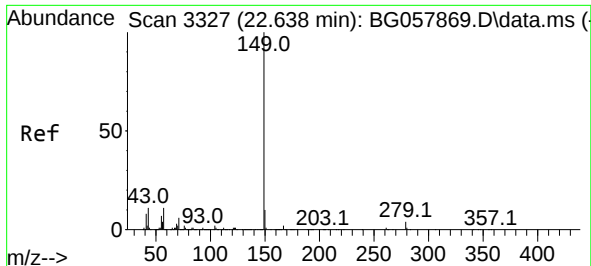
Ion Ratio Lower Upper

149 100

167 27.0 21.8 32.8

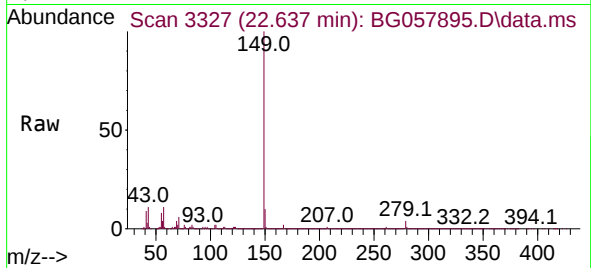
279 3.9 3.0 4.6





#85
Di-n-octyl phthalate
Concen: 47.710 ng
RT: 22.637 min Scan# 31
Delta R.T. -0.001 min
Lab File: BG057895.D
Acq: 28 Jun 2023 16:35

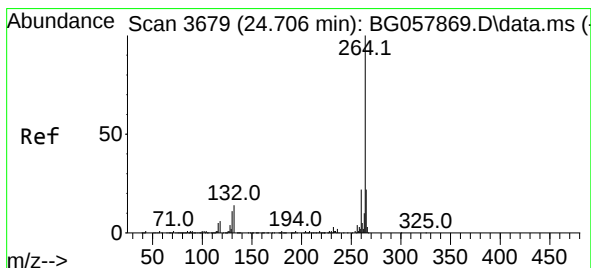
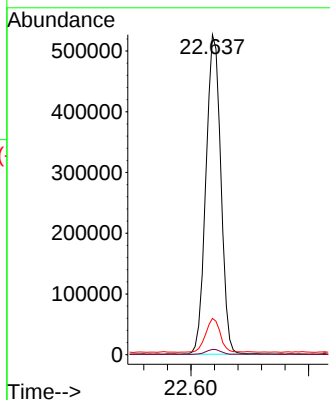
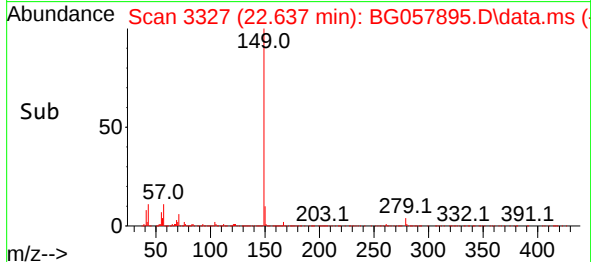
Instrument :
BNA_G
ClientSampleId :
ESII-TP1MS



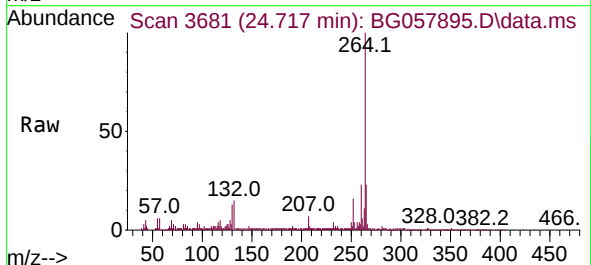
Tgt Ion:149 Resp: 923950
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.4 9.0 13.4

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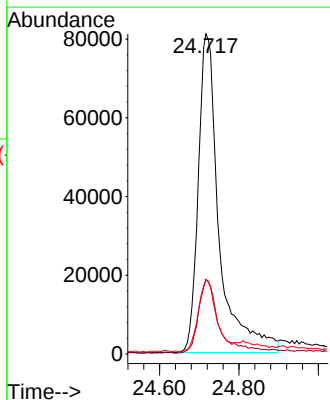
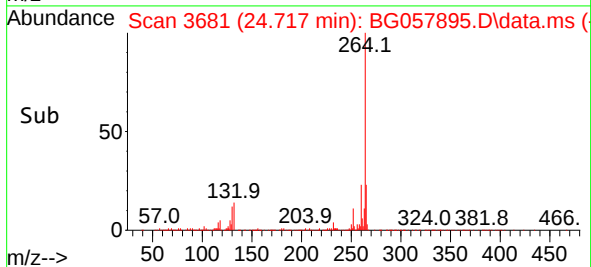
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023

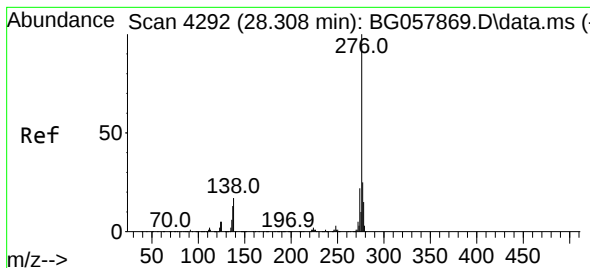


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.717 min Scan# 3681
Delta R.T. 0.011 min
Lab File: BG057895.D
Acq: 28 Jun 2023 16:35



Tgt Ion:264 Resp: 297248
Ion Ratio Lower Upper
264 100
260 23.3 17.8 26.8
265 23.3 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 33.883 ng

RT: 28.306 min Scan# 41

Delta R.T. -0.001 min

Lab File: BG057895.D

Acq: 28 Jun 2023 16:35

Instrument :

BNA_G

ClientSampleId :

ESI-TP1MS

Tgt Ion:276 Resp: 667200

Ion Ratio Lower Upper

276 100

138 8.1 12.2 18.4

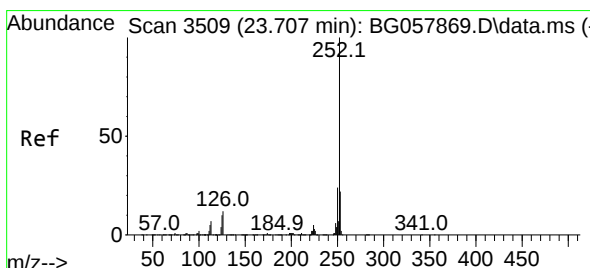
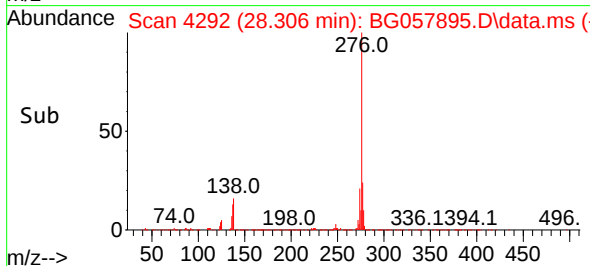
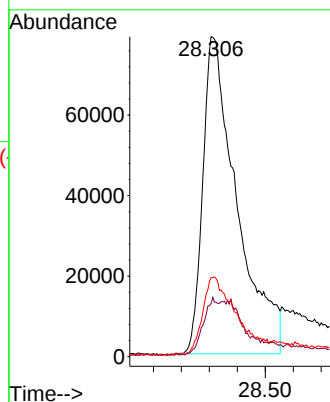
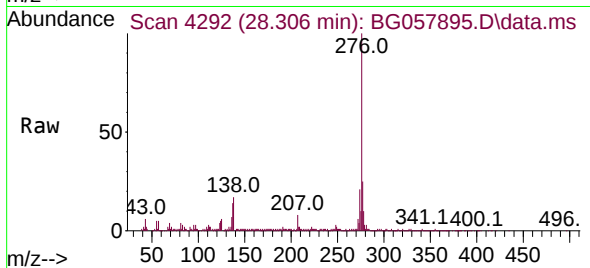
277 23.9 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2023

Supervised By :mohammad ahmed 06/29/2023



#88

Benzo(b)fluoranthene

Concen: 54.352 ng

RT: 23.724 min Scan# 3512

Delta R.T. 0.016 min

Lab File: BG057895.D

Acq: 28 Jun 2023 16:35

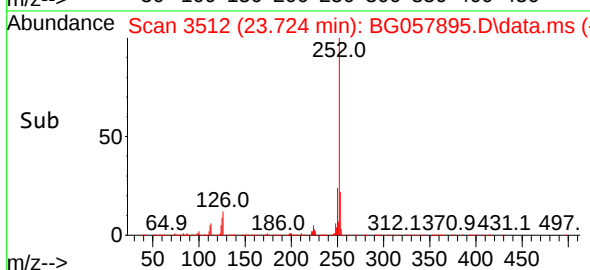
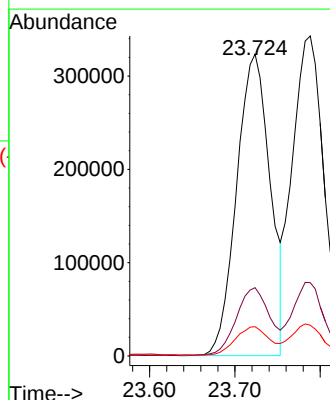
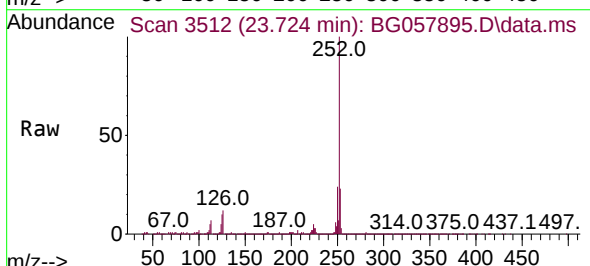
Tgt Ion:252 Resp: 881177

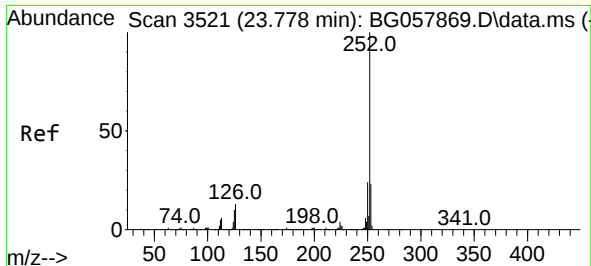
Ion Ratio Lower Upper

252 100

253 22.6 17.7 26.5

125 9.7 7.7 11.5





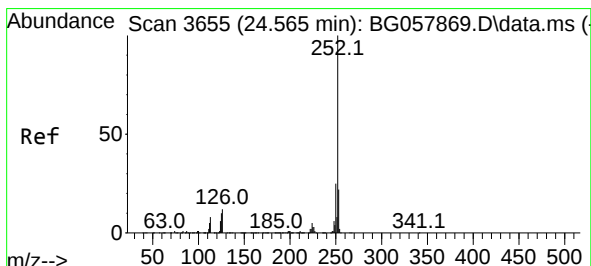
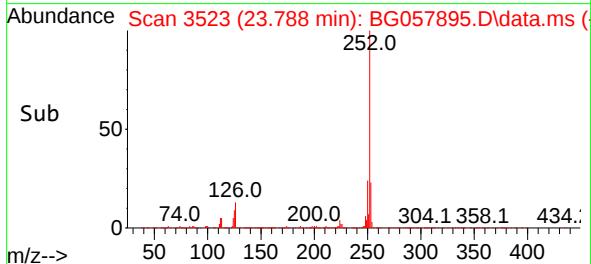
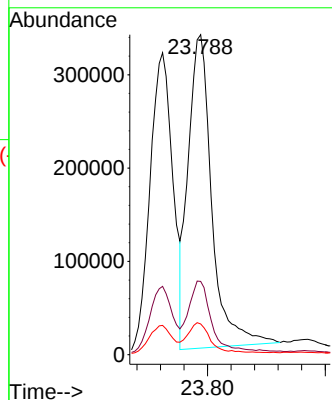
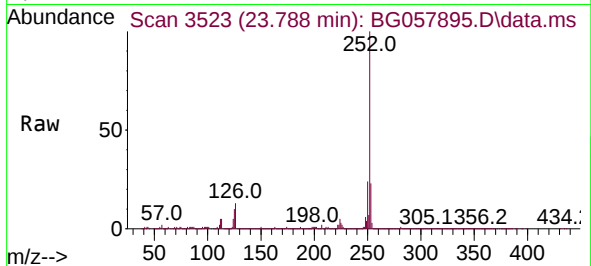
#89
Benzo(k)fluoranthene
Concen: 57.087 ng
RT: 23.788 min Scan# 3521
Delta R.T. 0.011 min
Lab File: BG057895.D
Acq: 28 Jun 2023 16:35

Instrument :
BNA_G
ClientSampleId :
ESII-TP1MS

Tgt Ion:252 Resp: 93540
Ion Ratio Lower Upper
252 100
253 22.9 18.1 27.1
125 9.6 7.8 11.6

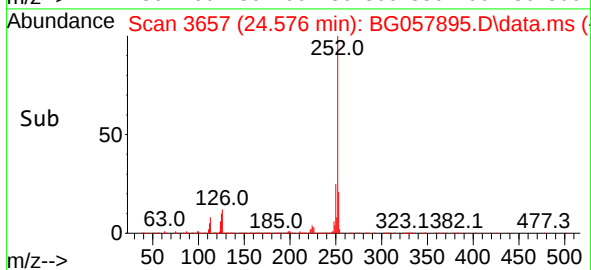
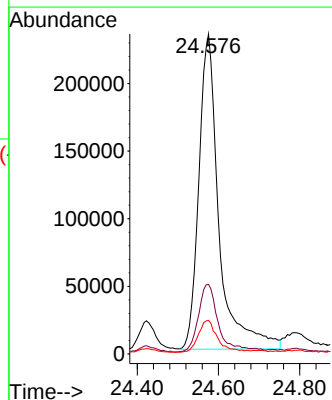
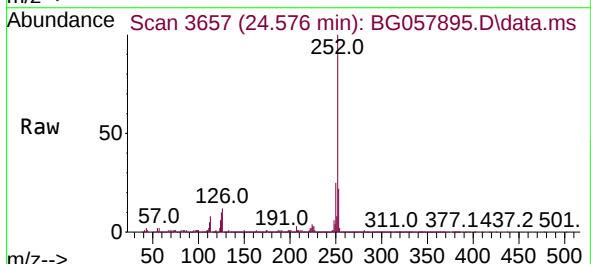
Manual Integrations
APPROVED

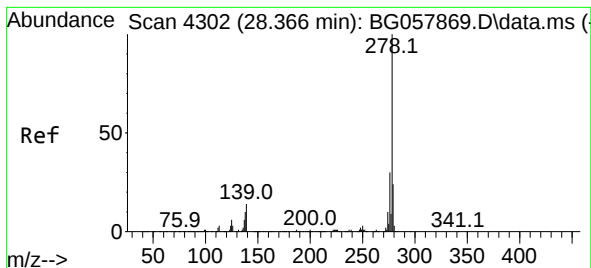
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/29/2023



#90
Benzo(a)pyrene
Concen: 50.061 ng
RT: 24.576 min Scan# 3657
Delta R.T. 0.011 min
Lab File: BG057895.D
Acq: 28 Jun 2023 16:35

Tgt Ion:252 Resp: 803977
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 10.5 8.0 12.0





#91

Dibenzo(a,h)anthracene

Concen: 31.659 ng

RT: 28.377 min Scan# 41

Delta R.T. 0.011 min

Lab File: BG057895.D

Acq: 28 Jun 2023 16:35

Instrument :

BNA_G

ClientSampleId :

ESI-TP1MS

Tgt Ion:278 Resp: 517140

Ion Ratio Lower Upper

278 100

139 13.2 11.0 16.4

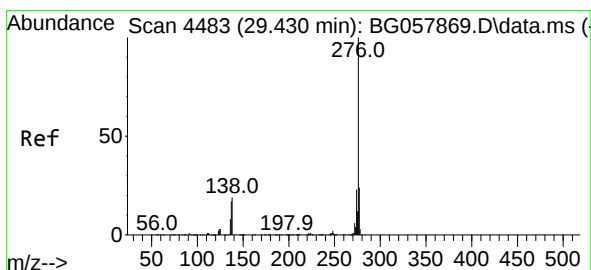
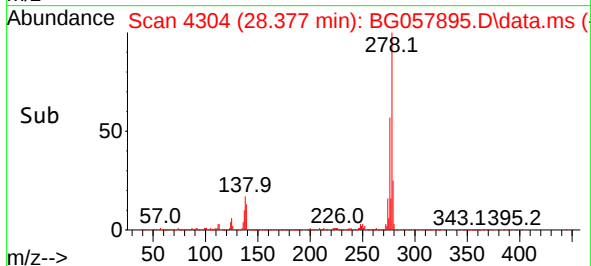
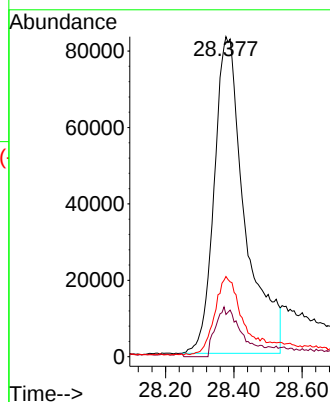
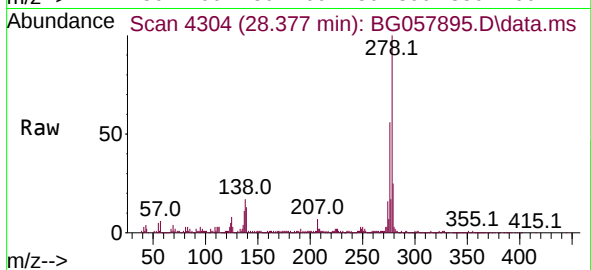
279 25.0 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2023

Supervised By :mohammad ahmed 06/29/2023



#92

Benzo(g,h,i)perylene

Concen: 28.283 ng m

RT: 29.440 min Scan# 4485

Delta R.T. 0.011 min

Lab File: BG057895.D

Acq: 28 Jun 2023 16:35

Tgt Ion:276 Resp: 459143

Ion Ratio Lower Upper

276 100

277 23.3 19.4 29.2

138 19.4 15.0 22.6

