

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082423\
 Data File : BG058836.D
 Acq On : 24 Aug 2023 13:14
 Operator : MA/JU
 Sample : 04090-02MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-IMS

Quant Time: Aug 24 13:45:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 01:40:57 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/25/2023
 Supervised By :mohammad ahmed 08/25/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.806	152	17669	20.000	ng	0.00
21) Naphthalene-d8	10.609	136	74852	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	53305	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	139752	20.000	ng	0.00
76) Chrysene-d12	21.443	240	121756	20.000	ng	0.00
86) Perylene-d12	24.510	264	151272	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	149995	136.613	ng	0.00
7) Phenol-d6	6.983	99	191733	124.465	ng	0.00
23) Nitrobenzene-d5	8.975	82	133134	85.512	ng	0.00
42) 2,4,6-Tribromophenol	15.949	330	120110	143.705	ng	0.00
45) 2-Fluorobiphenyl	13.070	172	313846	85.635	ng	0.00
79) Terphenyl-d14	19.821	244	641966	94.674	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.270	88	19579	37.929	ng	# 39
3) Pyridine	3.676	79	49714	36.445	ng	93
4) n-Nitrosodimethylamine	3.582	42	33415	45.058	ng	99
6) Aniline	7.136	93	42130	22.373	ng	98
8) 2-Chlorophenol	7.371	128	58540	52.731	ng	97
9) Benzaldehyde	6.948	77	22771m	26.353	ng	
10) Phenol	7.013	94	70601	47.529	ng	96
11) bis(2-Chloroethyl)ether	7.230	93	52522	45.314	ng	97
12) 1,3-Dichlorobenzene	7.694	146	56204	47.663	ng	95
13) 1,4-Dichlorobenzene	7.841	146	57258	48.017	ng	96
14) 1,2-Dichlorobenzene	8.159	146	55935	48.533	ng	98
15) Benzyl Alcohol	8.053	79	57863	52.537	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.335	45	121291m	49.103	ng	
17) 2-Methylphenol	8.258	107	52285	47.924	ng	98
18) Hexachloroethane	8.881	117	21478	49.436	ng	97
19) n-Nitroso-di-n-propyla...	8.611	70	46385	46.582	ng	95
20) 3+4-Methylphenols	8.587	107	71432	48.700	ng	99
22) Acetophenone	8.629	105	94011	46.397	ng	99
24) Nitrobenzene	9.016	77	69138	44.649	ng	# 96
25) Isophorone	9.533	82	140034	45.229	ng	99
26) 2-Nitrophenol	9.721	139	31175	48.138	ng	96
27) 2,4-Dimethylphenol	9.786	122	53398	48.651	ng	97
28) bis(2-Chloroethoxy)met...	10.015	93	74313	45.312	ng	96
29) 2,4-Dichlorophenol	10.268	162	58388	51.769	ng	97
30) 1,2,4-Trichlorobenzene	10.468	180	62537	45.917	ng	96
31) Naphthalene	10.656	128	178194	45.340	ng	99
32) Benzoic acid	9.956	122	7917m	16.096	ng	
33) 4-Chloroaniline	10.785	127	10780	6.504	ng	# 97
34) Hexachlorobutadiene	10.938	225	41861	45.541	ng	98
35) Caprolactam	11.555	113	18234m	45.117	ng	
36) 4-Chloro-3-methylphenol	11.907	107	72276	51.531	ng	99
37) 2-Methylnaphthalene	12.271	142	125504	44.461	ng	97
38) 1-Methylnaphthalene	12.489	142	122468m	45.705	ng	
40) 1,2,4,5-Tetrachloroben...	12.642	216	76457	46.526	ng	99
41) Hexachlorocyclopentadiene	12.618	237	54422	83.723	ng	92
43) 2,4,6-Trichlorophenol	12.888	196	54784	52.392	ng	99

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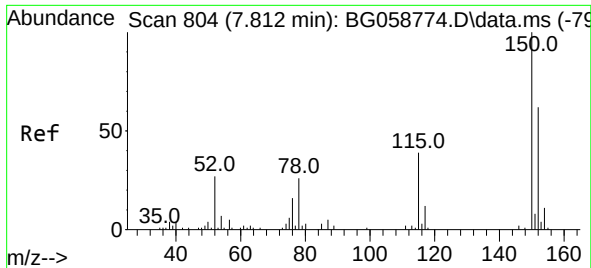
Manual Integrations
 APPROVED

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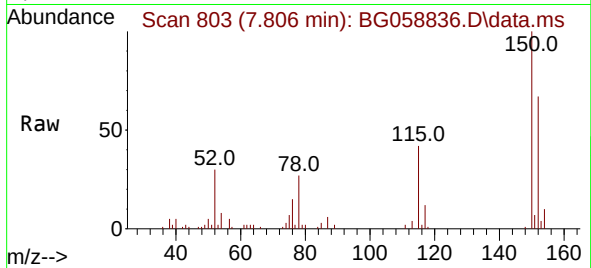
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.971	196	60685	48.464	ng	99
46) 1,1'-Biphenyl	13.282	154	171016	46.572	ng	98
47) 2-Chloronaphthalene	13.329	162	138920	48.546	ng	98
48) 2-Nitroaniline	13.540	65	53500	49.226	ng	96
49) Acenaphthylene	14.175	152	233561	49.216	ng	99
50) Dimethylphthalate	13.911	163	200089	48.480	ng	99
51) 2,6-Dinitrotoluene	14.040	165	43140	49.753	ng	95
52) Acenaphthene	14.522	154	131391	47.379	ng	100
53) 3-Nitroaniline	14.369	138	17263	20.642	ng	83
54) 2,4-Dinitrophenol	14.592	184	28454	60.546	ng	95
55) Dibenzofuran	14.857	168	227533	47.564	ng	98
56) 4-Nitrophenol	14.692	139	56748	93.029	ng	97
57) 2,4-Dinitrotoluene	14.833	165	63927	52.859	ng	# 98
58) Fluorene	15.503	166	186468	48.979	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.086	232	57644	56.414	ng	97
60) Diethylphthalate	15.274	149	206329	48.487	ng	98
61) 4-Chlorophenyl-phenyle...	15.497	204	103177	48.895	ng	99
62) 4-Nitroaniline	15.538	138	43554	51.319	ng	90
63) Azobenzene	15.791	77	188387	48.213	ng	99
65) 4,6-Dinitro-2-methylph...	15.603	198	28586	36.188	ng	97
66) n-Nitrosodiphenylamine	15.714	169	168351	46.739	ng	99
67) 4-Bromophenyl-phenylether	16.390	248	71263	46.469	ng	98
68) Hexachlorobenzene	16.508	284	81216	49.206	ng	99
69) Atrazine	16.666	200	72259	56.686	ng	99
70) Pentachlorophenol	16.860	266	64221	74.203	ng	99
71) Phenanthrene	17.242	178	318235	47.433	ng	99
72) Anthracene	17.336	178	321495	47.778	ng	99
73) Carbazole	17.612	167	307451	49.896	ng	99
74) Di-n-butylphthalate	18.159	149	384479	49.462	ng	100
75) Fluoranthene	19.257	202	400124	48.092	ng	99
77) Benzidine	19.451	184	54138	24.810	ng	97
78) Pyrene	19.622	202	413340	48.722	ng	98
80) Butylbenzylphthalate	20.509	149	170663	49.602	ng	99
81) Benzo(a)anthracene	21.425	228	412964	48.725	ng	99
82) 3,3'-Dichlorobenzidine	21.349	252	75220	25.707	ng	99
83) Chrysene	21.490	228	380144	46.534	ng	99
84) Bis(2-ethylhexyl)phtha...	21.325	149	246711	48.890	ng	100
85) Di-n-octyl phthalate	22.477	149	433925	49.994	ng	99
87) Indeno(1,2,3-cd)pyrene	28.018	276	504440	49.288	ng	99
88) Benzo(b)fluoranthene	23.541	252	433039	51.593	ng	98
89) Benzo(k)fluoranthene	23.611	252	403162	46.576	ng	97
90) Benzo(a)pyrene	24.375	252	379601	45.932	ng	99
91) Dibenzo(a,h)anthracene	28.070	278	422847	50.280	ng	99
92) Benzo(g,h,i)perylene	29.110	276	409870	48.746	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.806 min Scan# 804
Delta R.T. -0.006 min
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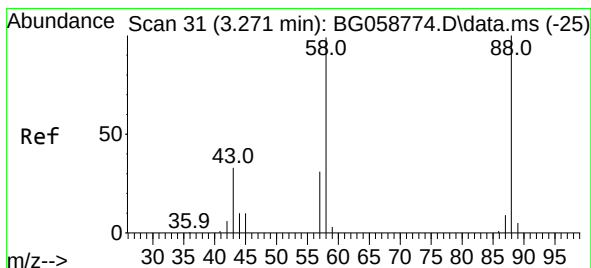
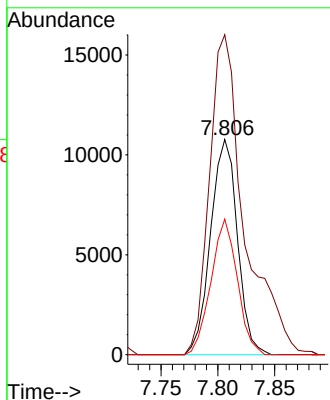
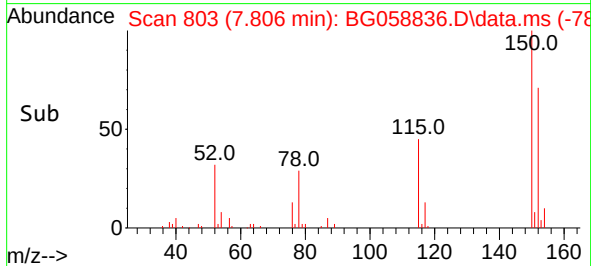
Instrument :
BNA_G
ClientSampleId :
TP-IMS



Tgt Ion:152 Resp: 17669
Ion Ratio Lower Upper
152 100
150 148.7 128.6 192.8
115 63.0 50.4 75.6

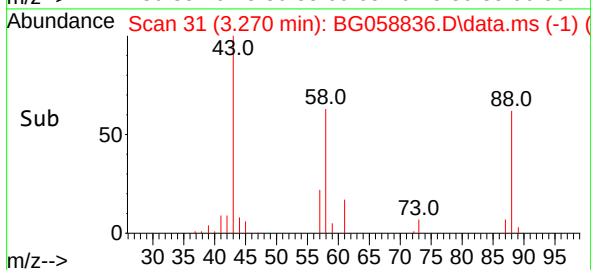
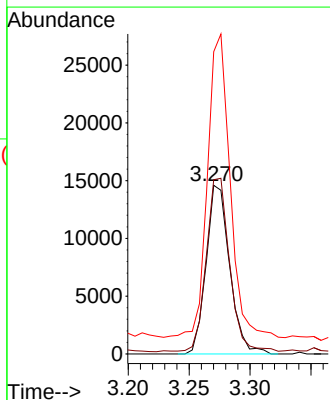
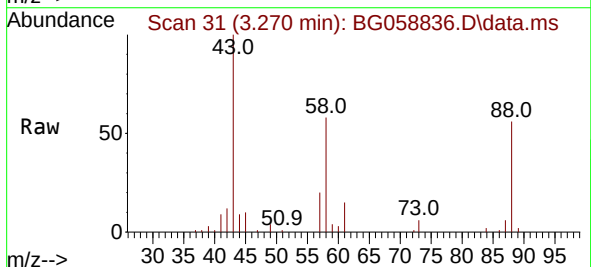
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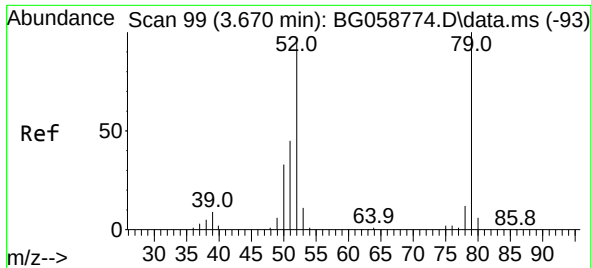
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#2
1,4-Dioxane
Concen: 37.929 ng
RT: 3.270 min Scan# 31
Delta R.T. -0.000 min
Lab File: BG058836.D
Acq: 24 Aug 2023 13:14

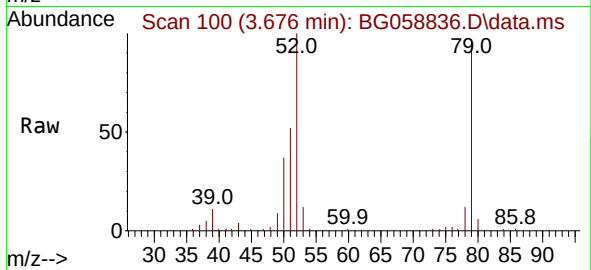
Tgt Ion: 88 Resp: 19579
Ion Ratio Lower Upper
88 100
58 102.3 82.8 124.2
43 172.8 30.1 45.1#





#3
 Pyridine
 Concen: 36.445 ng
 RT: 3.676 min Scan# 100
 Delta R.T. 0.005 min
 Lab File: BG058836.D
 Acq: 24 Aug 2023 13:14

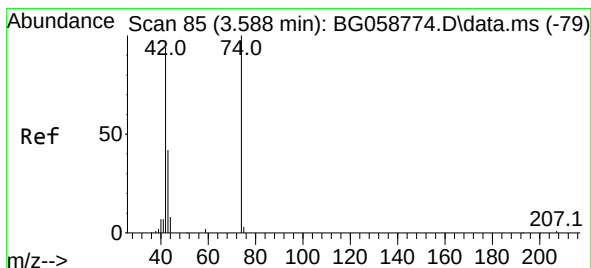
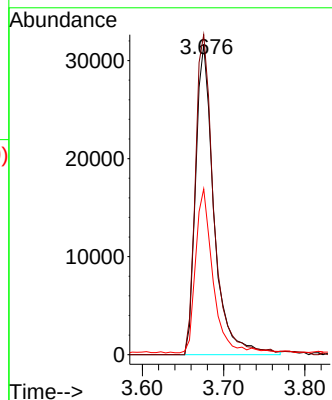
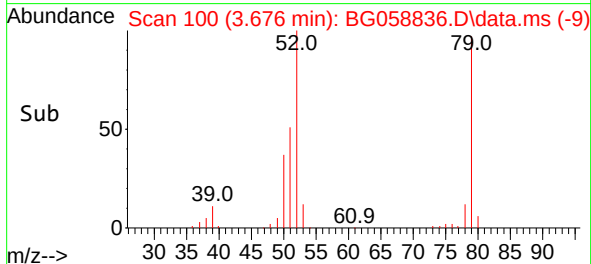
Instrument :
 BNA_G
 ClientSampleId :
 TP-IMS



Tgt Ion: 79 Resp: 49714
 Ion Ratio Lower Upper
 79 100
 52 103.2 77.6 116.4
 51 53.5 37.5 56.3

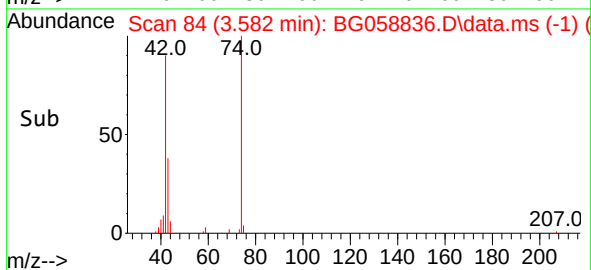
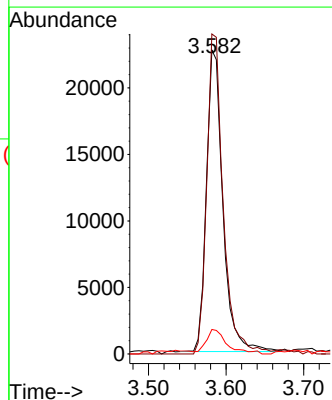
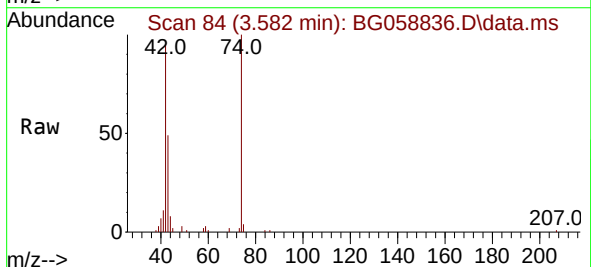
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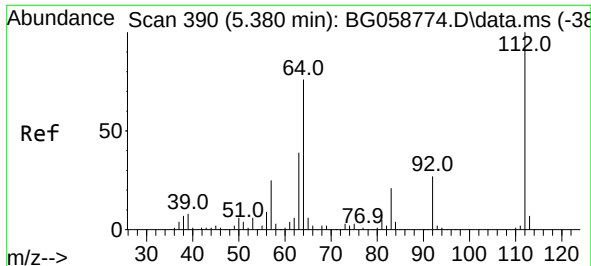
Reviewed By :Yogesh Patel 08/25/2023
 Supervised By :mohammad ahmed 08/25/2023



#4
 n-Nitrosodimethylamine
 Concen: 45.058 ng
 RT: 3.582 min Scan# 84
 Delta R.T. -0.006 min
 Lab File: BG058836.D
 Acq: 24 Aug 2023 13:14

Tgt Ion: 42 Resp: 33415
 Ion Ratio Lower Upper
 42 100
 74 105.3 85.1 127.7
 44 8.0 6.9 10.3





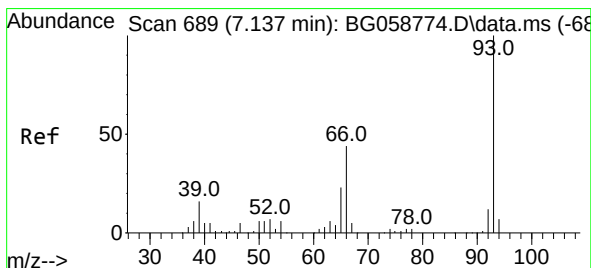
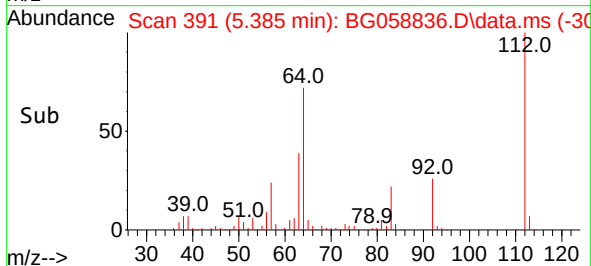
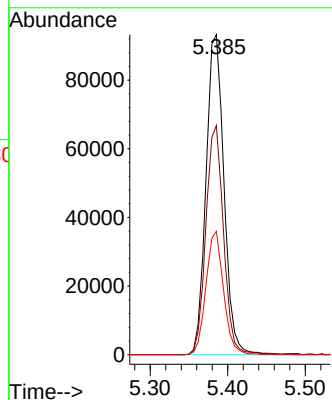
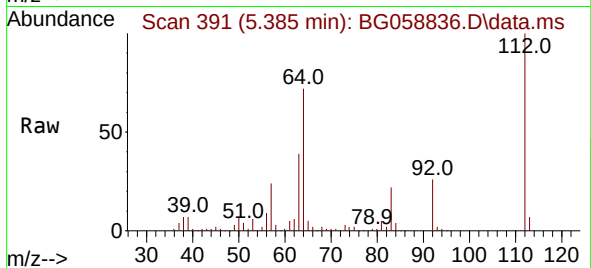
#5
2-Fluorophenol
Concen: 136.613 ng
RT: 5.385 min Scan# 390
Delta R.T. 0.005 min
Lab File: BG058836.D
Acq: 24 Aug 2023 13:14

Instrument :
BNA_G
ClientSampleId :
TP-IMS

Tgt Ion:112 Resp: 14999
Ion Ratio Lower Upper
112 100
64 71.6 60.6 90.8
63 38.5 31.0 46.4

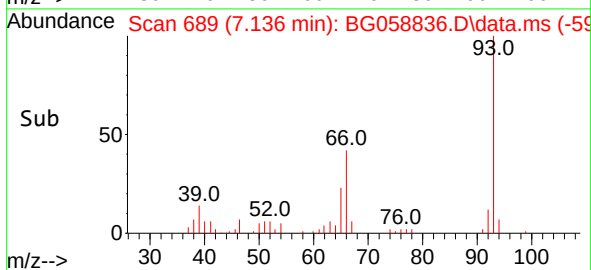
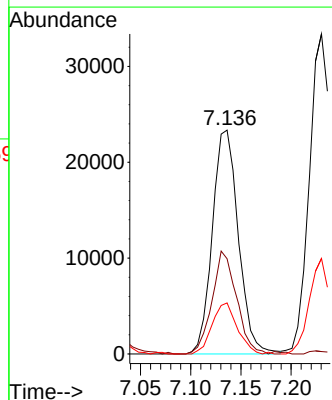
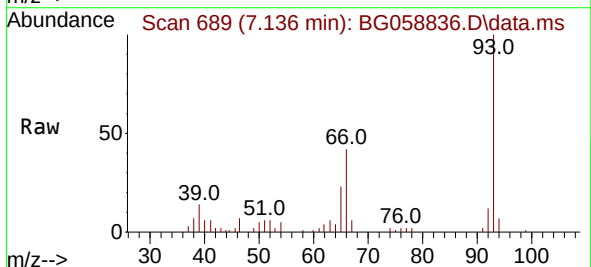
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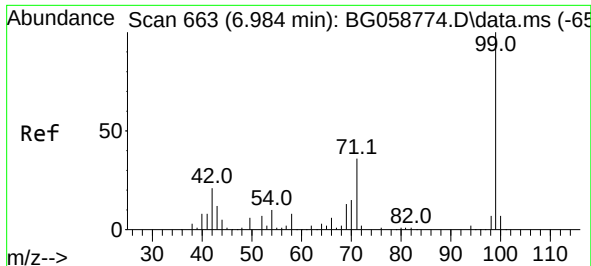
Reviewed By :Yogesh Patel 08/25/2023
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#6
Aniline
Concen: 22.373 ng
RT: 7.136 min Scan# 689
Delta R.T. -0.000 min
Lab File: BG058836.D
Acq: 24 Aug 2023 13:14

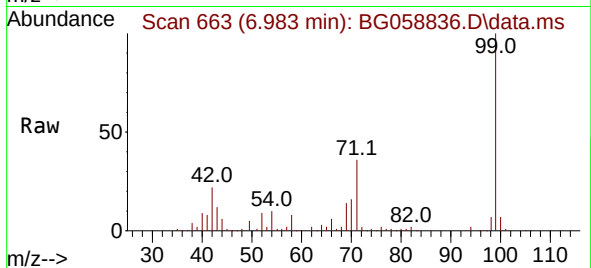
Tgt Ion: 93 Resp: 42130
Ion Ratio Lower Upper
93 100
66 42.5 35.7 53.5
65 22.8 18.2 27.2





#7
Phenol-d6
Concen: 124.465 ng
RT: 6.983 min Scan# 601
Delta R.T. -0.001 min
Lab File: BG058836.D
Acq: 24 Aug 2023 13:14

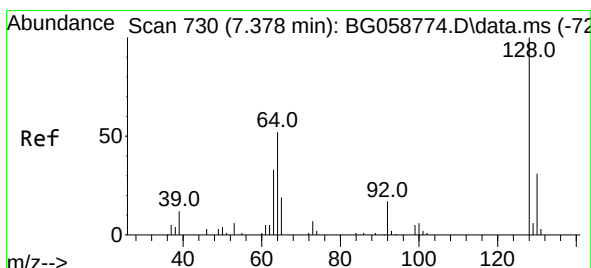
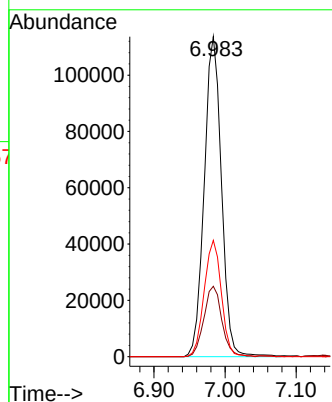
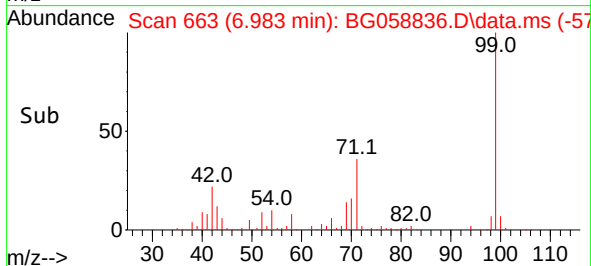
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ClientSampleId :
TP-IMS



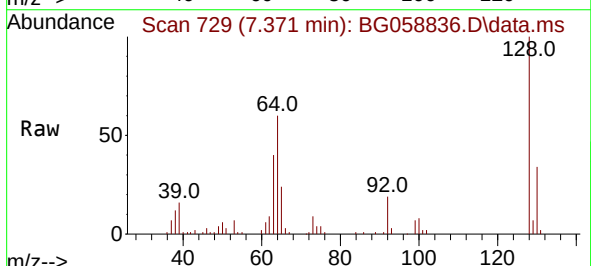
Tgt Ion: 99 Resp: 19173
Ion Ratio Lower Upper
99 100
42 22.0 16.5 24.7
71 36.4 28.4 42.6

Manual Integrations
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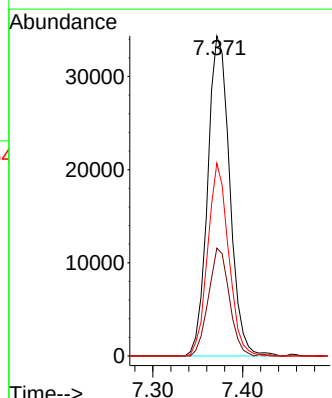
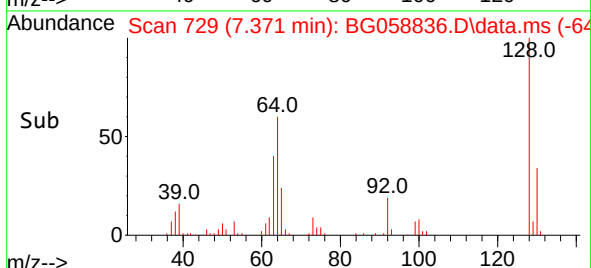
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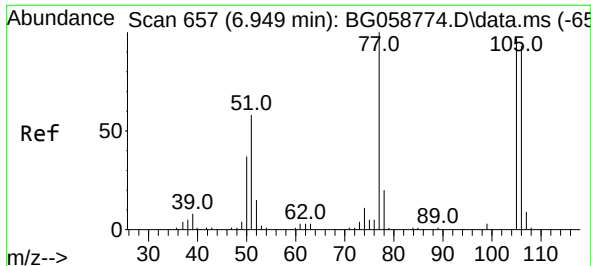


#8
2-Chlorophenol
Concen: 52.731 ng
RT: 7.371 min Scan# 729
Delta R.T. -0.006 min
Lab File: BG058836.D
Acq: 24 Aug 2023 13:14



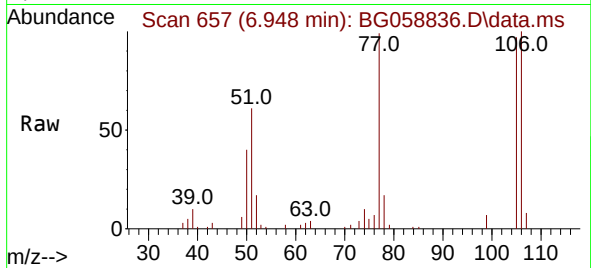
Tgt Ion:128 Resp: 58540
Ion Ratio Lower Upper
128 100
130 33.7 10.9 50.9
64 60.2 38.4 78.4





#9
Benzaldehyde
Concen: 26.353 ng m
RT: 6.948 min Scan# 657
Delta R.T. -0.000 min
Lab File: BG058836.D
Acq: 24 Aug 2023 13:14

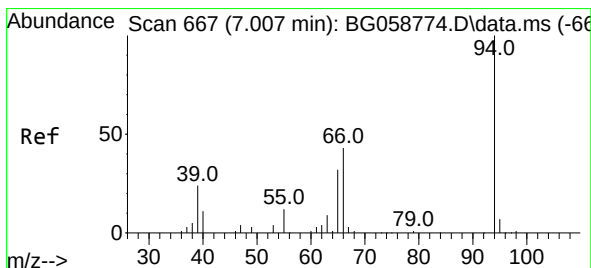
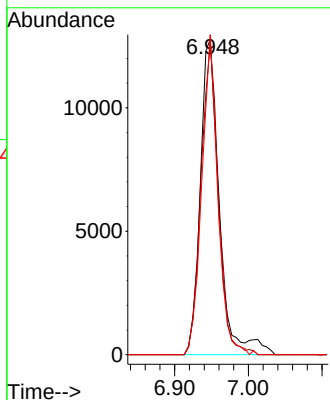
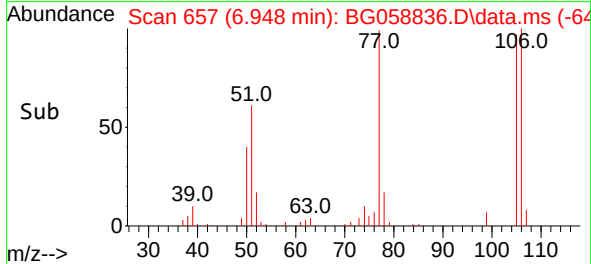
Instrument :
BNA_G
ClientSampleId :
TP-IMS



Tgt Ion: 77 Resp: 2277
Ion Ratio Lower Upper
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105 98.6 76.7 116.7
106 101.5 73.4 113.4

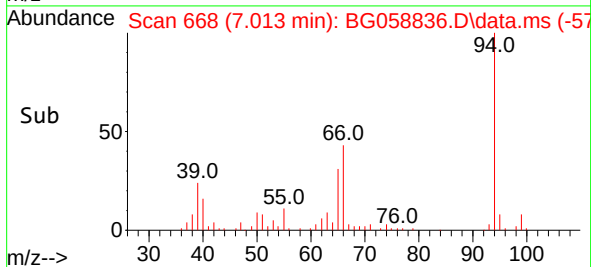
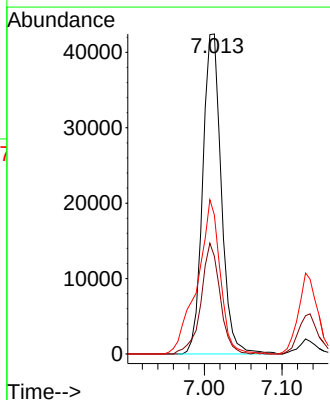
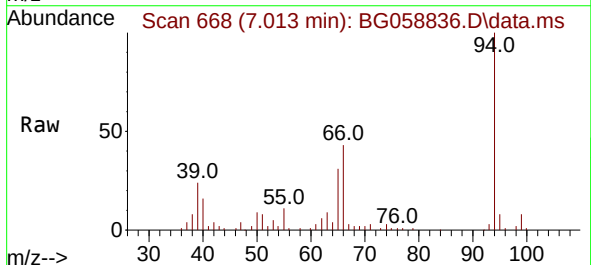
Manual Integrations
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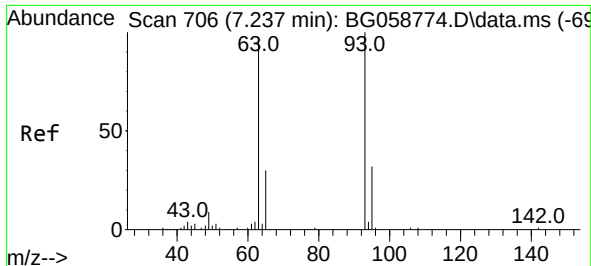
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#10
Phenol
Concen: 47.529 ng
RT: 7.013 min Scan# 668
Delta R.T. 0.005 min
Lab File: BG058836.D
Acq: 24 Aug 2023 13:14

Tgt Ion: 94 Resp: 70601
Ion Ratio Lower Upper
94 100
65 30.5 12.6 52.6
66 43.5 26.6 66.6





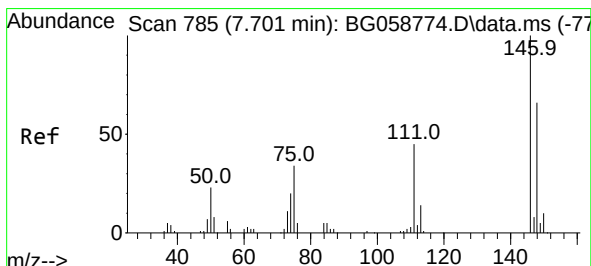
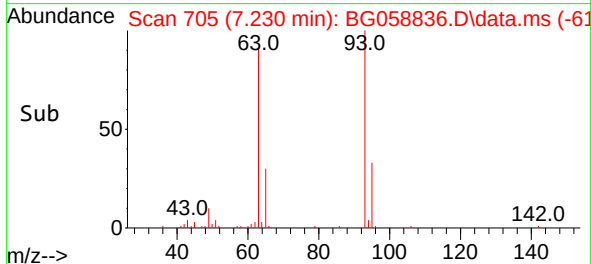
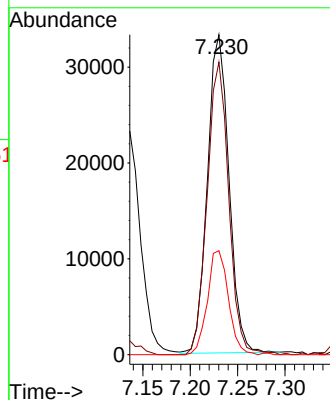
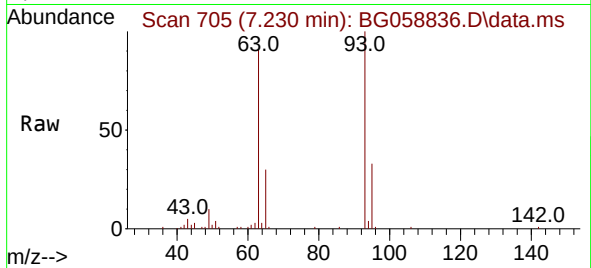
#11
bis(2-Chloroethyl)ether
Concen: 45.314 ng
RT: 7.230 min Scan# 706
Delta R.T. -0.006 min
Lab File: BG058836.D
Acq: 24 Aug 2023 13:14

Instrument :
BNA_G
ClientSampleId :
TP-IMS

Tgt Ion: 93 Resp: 5252
Ion Ratio Lower Upper
93 100
63 91.4 74.8 114.8
95 32.5 12.1 52.1

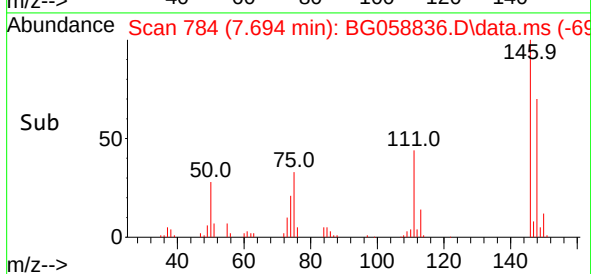
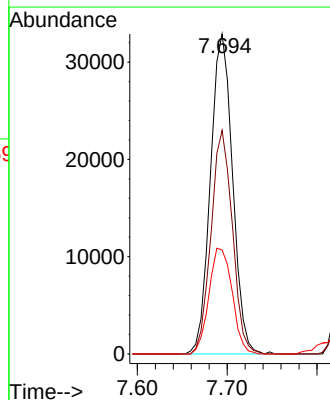
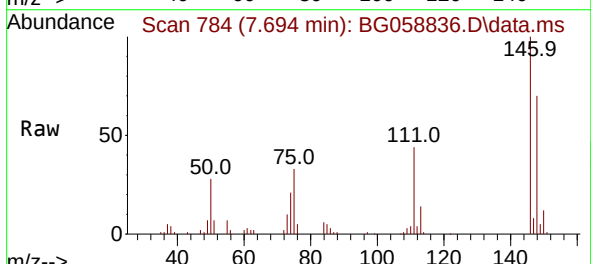
Manual Integrations
APPROVED

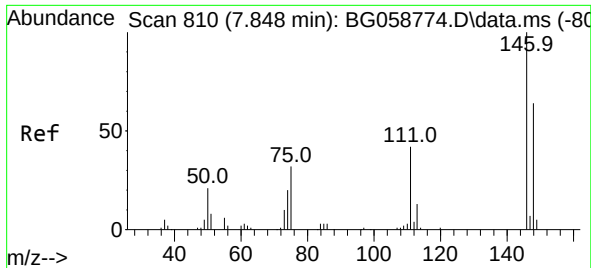
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#12
1,3-Dichlorobenzene
Concen: 47.663 ng
RT: 7.694 min Scan# 784
Delta R.T. -0.006 min
Lab File: BG058836.D
Acq: 24 Aug 2023 13:14

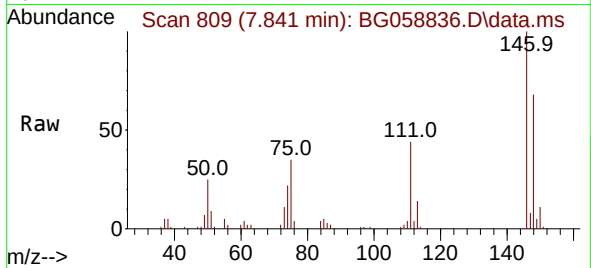
Tgt Ion:146 Resp: 56204
Ion Ratio Lower Upper
146 100
148 69.8 52.4 78.6
75 32.5 27.6 41.4





#13
1,4-Dichlorobenzene
Concen: 48.017 ng
RT: 7.841 min Scan# 809
Delta R.T. -0.006 min
Lab File: BG058836.D
Acq: 24 Aug 2023 13:14

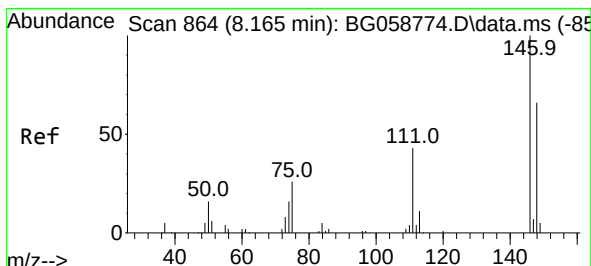
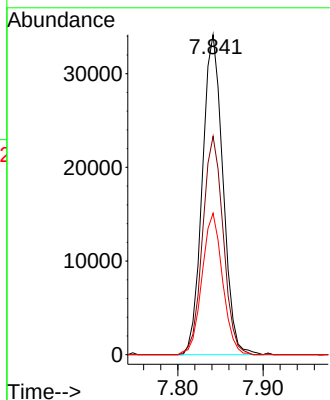
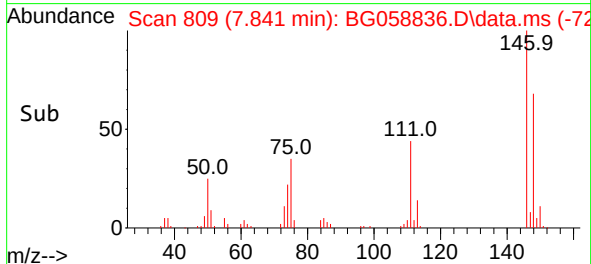
Instrument :
BNA_G
ClientSampleId :
TP-IMS



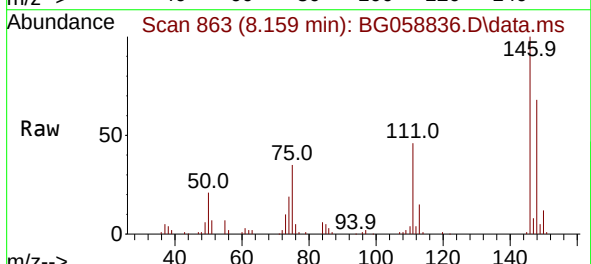
Tgt Ion:146 Resp: 57258
Ion Ratio Lower Upper
146 100
148 68.2 51.3 76.9
111 44.2 33.8 50.8

Manual Integrations
APPROVED

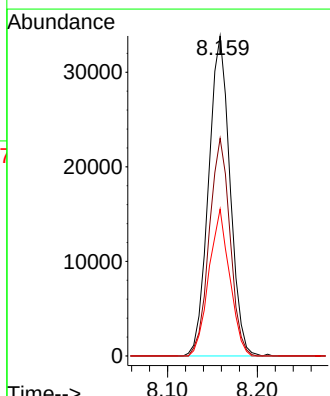
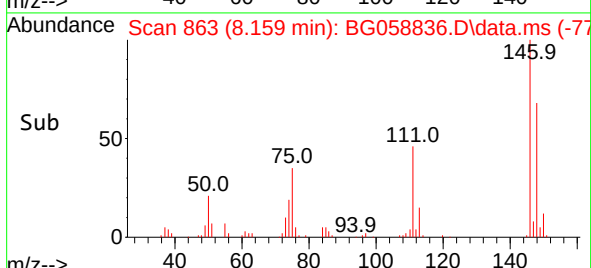
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023

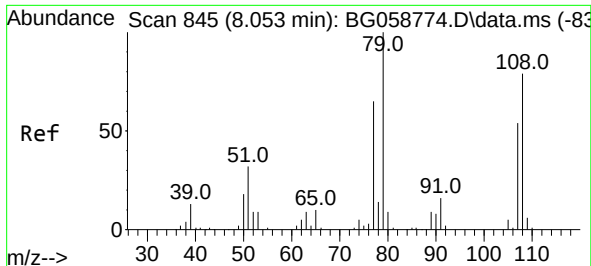


#14
1,2-Dichlorobenzene
Concen: 48.533 ng
RT: 8.159 min Scan# 863
Delta R.T. -0.006 min
Lab File: BG058836.D
Acq: 24 Aug 2023 13:14



Tgt Ion:146 Resp: 55935
Ion Ratio Lower Upper
146 100
148 68.0 52.9 79.3
111 45.9 35.5 53.3





#15
Benzyl Alcohol
Concen: 52.537 ng
RT: 8.053 min Scan# 845
Delta R.T. -0.000 min
Lab File: BG058836.D
Acq: 24 Aug 2023 13:14

Instrument :

BNA_G

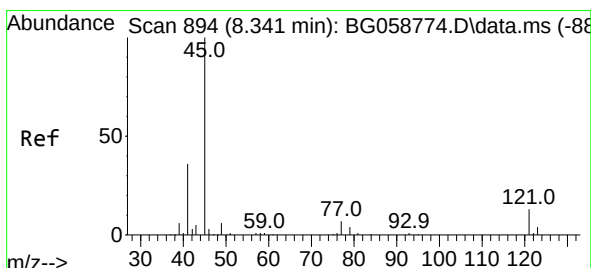
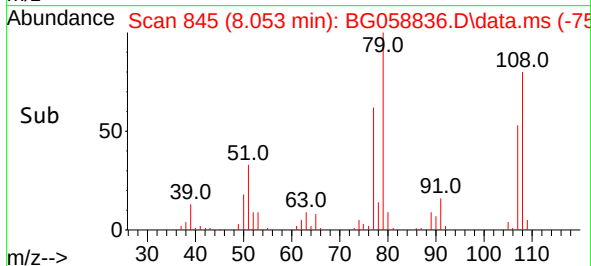
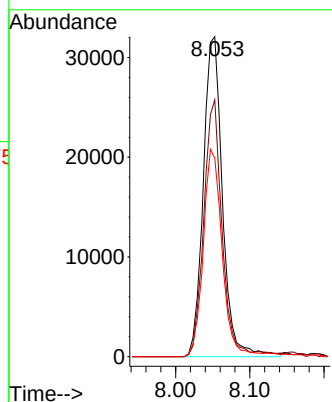
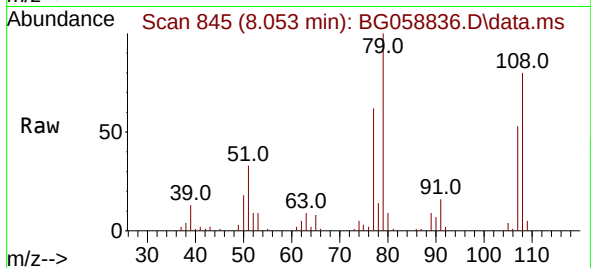
ClientSampleId :

TP-IMS

Tgt Ion: 79 Resp: 5786
Ion Ratio Lower Upper
79 100
108 80.3 63.4 95.0
77 62.0 52.2 78.2

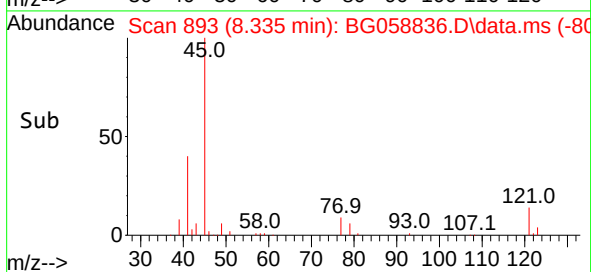
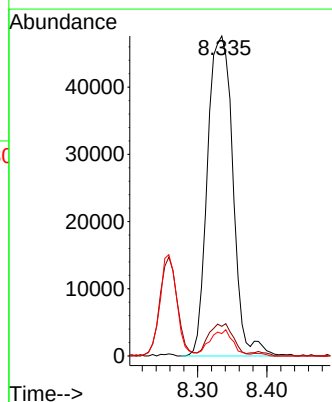
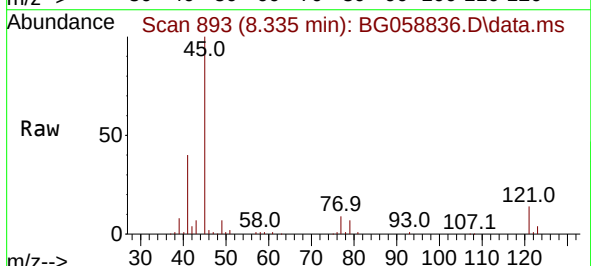
Manual Integrations
APPROVED

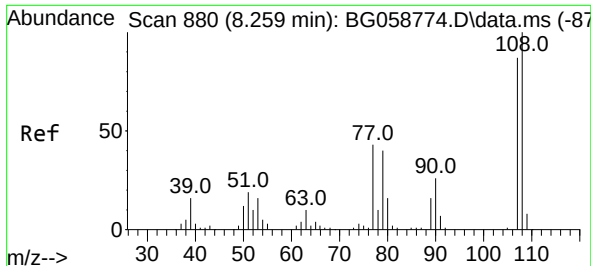
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.103 ng m
RT: 8.335 min Scan# 893
Delta R.T. -0.006 min
Lab File: BG058836.D
Acq: 24 Aug 2023 13:14

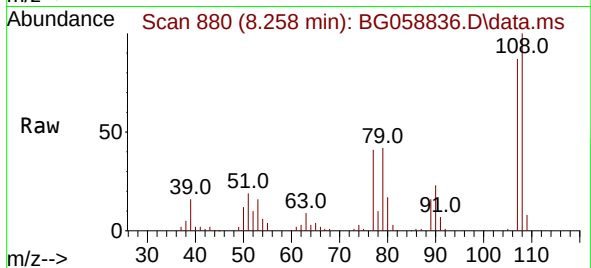
Tgt Ion: 45 Resp: 121291
Ion Ratio Lower Upper
45 100
77 9.3 0.0 30.3
79 7.0 0.0 27.7





#17
2-Methylphenol
Concen: 47.924 ng
RT: 8.258 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG058836.D
Acq: 24 Aug 2023 13:14

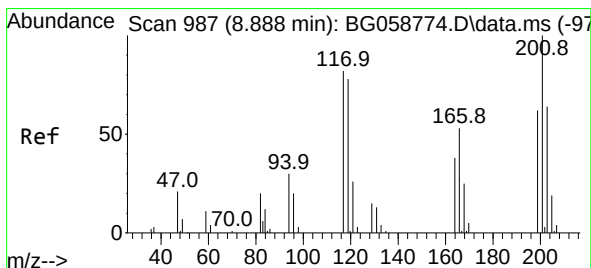
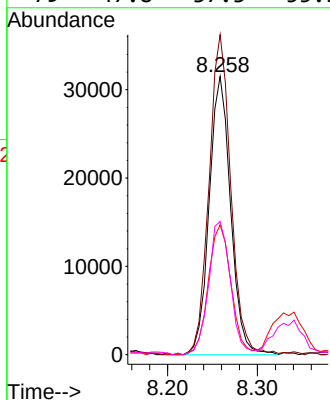
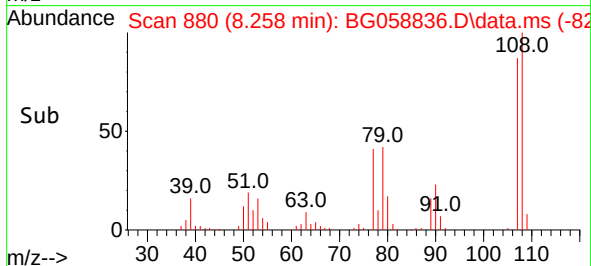
Instrument :
BNA_G
ClientSampleId :
TP-IMS



Tgt Ion:107 Resp: 5228
Ion Ratio Lower Upper
107 100
108 115.0 92.2 138.2
77 46.7 40.0 60.0
79 47.8 37.3 55.9

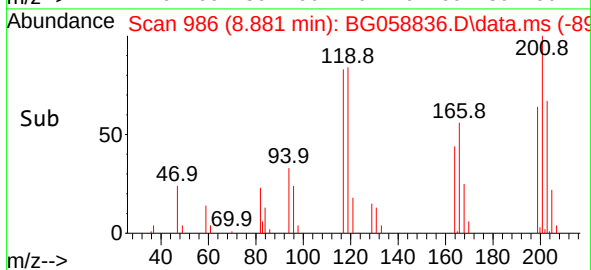
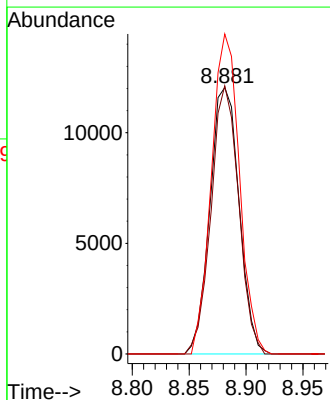
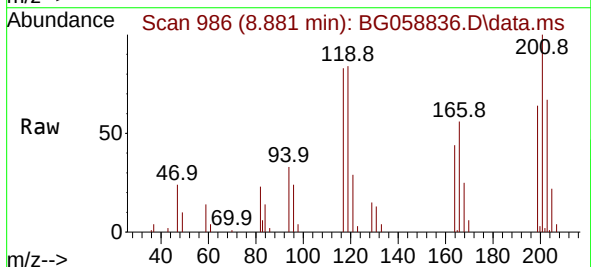
Manual Integrations
APPROVED

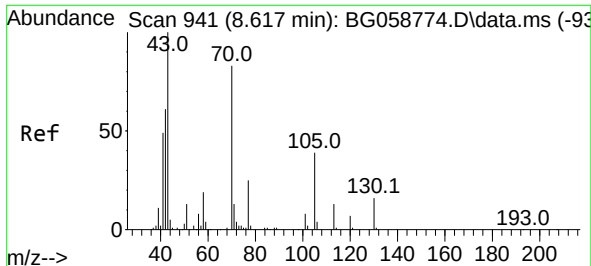
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#18
Hexachloroethane
Concen: 49.436 ng
RT: 8.881 min Scan# 986
Delta R.T. -0.006 min
Lab File: BG058836.D
Acq: 24 Aug 2023 13:14

Tgt Ion:117 Resp: 21478
Ion Ratio Lower Upper
117 100
119 100.6 76.6 115.0
201 120.1 97.0 145.6





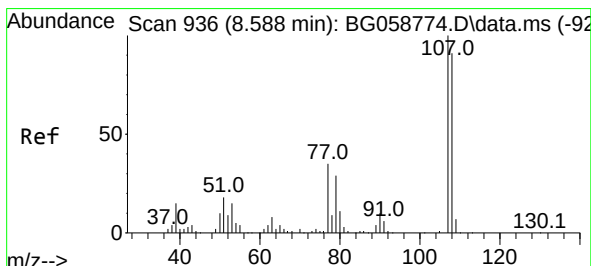
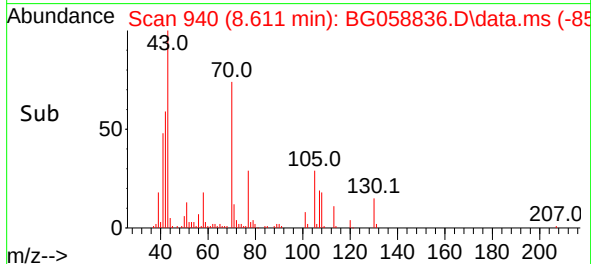
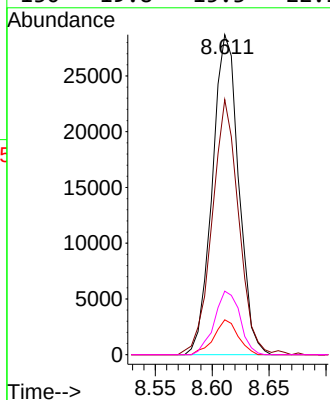
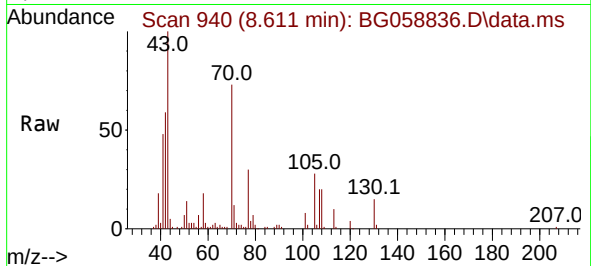
#19
n-Nitroso-di-n-propylamine
Concen: 46.582 ng
RT: 8.611 min Scan# 941
Delta R.T. -0.006 min
Lab File: BG058836.D
Acq: 24 Aug 2023 13:14

Instrument :
BNA_G
ClientSampleId :
TP-IMS

Tgt Ion: 70 Resp: 4638
Ion Ratio Lower Upper
70 100
42 79.7 59.2 88.8
101 10.9 8.2 12.2
130 19.8 15.3 22.9

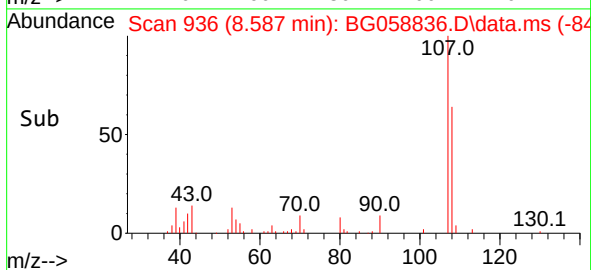
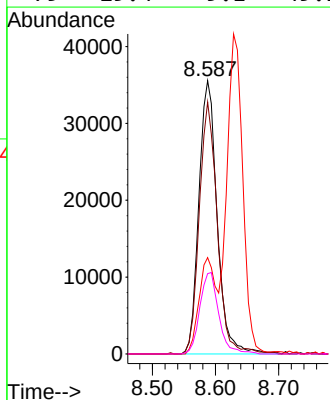
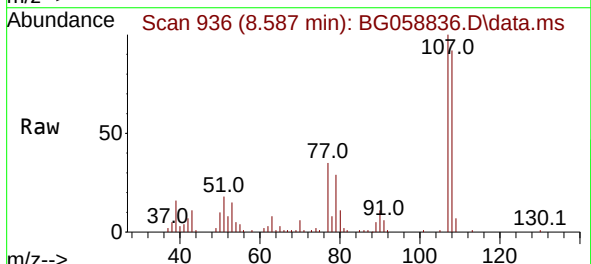
Manual Integrations
APPROVED

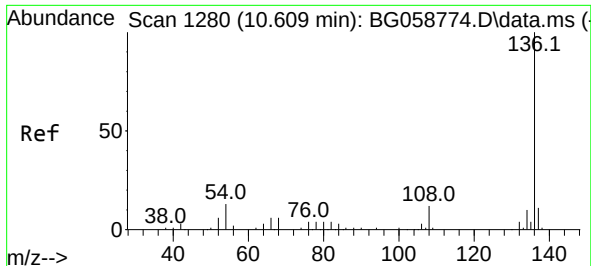
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#20
3+4-Methylphenols
Concen: 48.700 ng
RT: 8.587 min Scan# 936
Delta R.T. -0.000 min
Lab File: BG058836.D
Acq: 24 Aug 2023 13:14

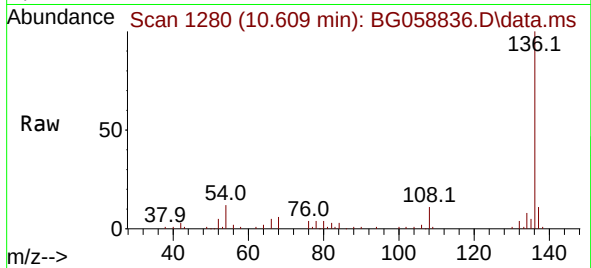
Tgt Ion:107 Resp: 71432
Ion Ratio Lower Upper
107 100
108 92.2 70.6 110.6
77 35.3 14.8 54.8
79 29.4 9.1 49.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.609 min Scan# 1280
Delta R.T. -0.001 min
Lab File: BG058836.D
Acq: 24 Aug 2023 13:14

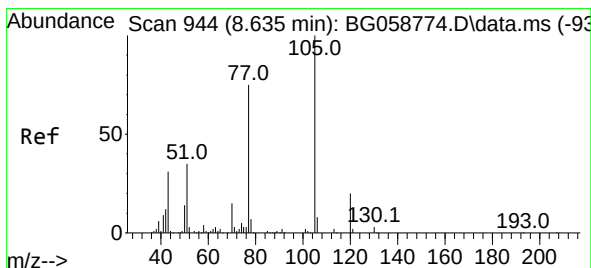
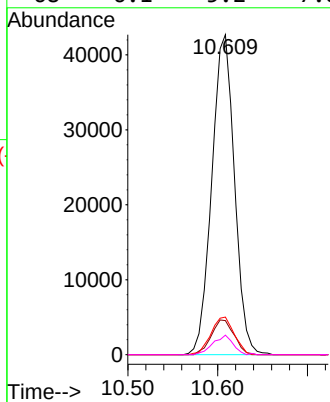
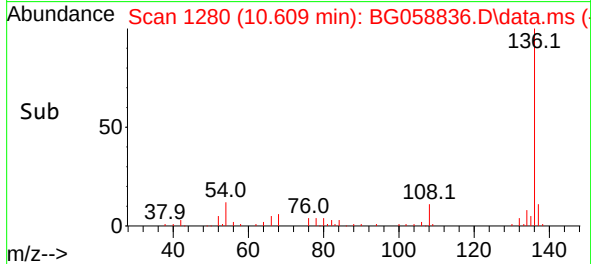
Instrument :
BNA_G
ClientSampleId :
TP-IMS



Tgt Ion:136 Resp: 74852
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 11.8 10.1 15.1
68 6.1 5.2 7.8

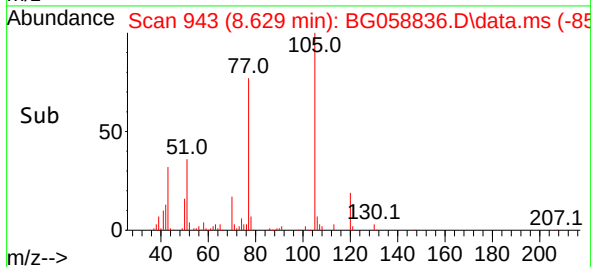
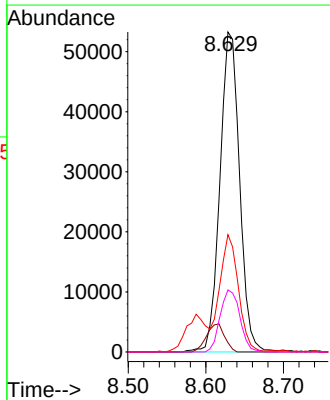
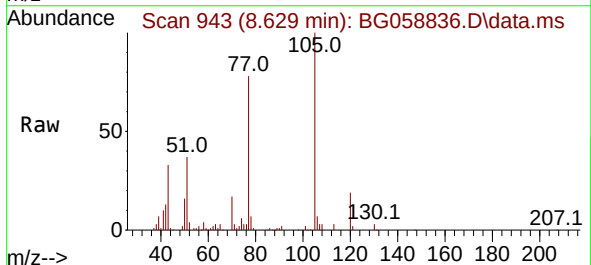
Manual Integrations
APPROVED

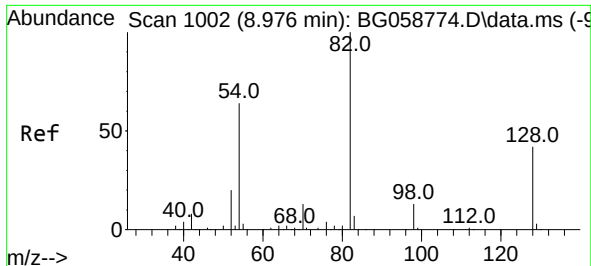
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#22
Acetophenone
Concen: 46.397 ng
RT: 8.629 min Scan# 943
Delta R.T. -0.006 min
Lab File: BG058836.D
Acq: 24 Aug 2023 13:14

Tgt Ion:105 Resp: 94011
Ion Ratio Lower Upper
105 100
71 2.9 2.2 3.2
51 36.7 28.5 42.7
120 19.4 15.6 23.4





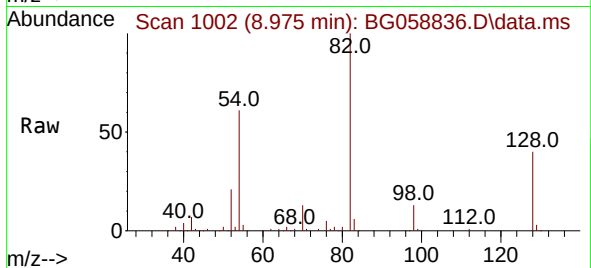
#23
Nitrobenzene-d5
Concen: 85.512 ng
RT: 8.975 min Scan# 1002
Delta R.T. -0.001 min
Lab File: BG058836.D
Acq: 24 Aug 2023 13:14

Instrument :

BNA_G

ClientSampleId :

TP-IMS



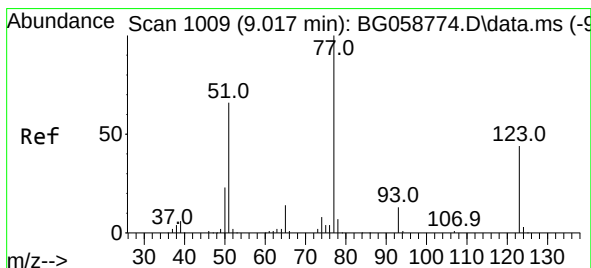
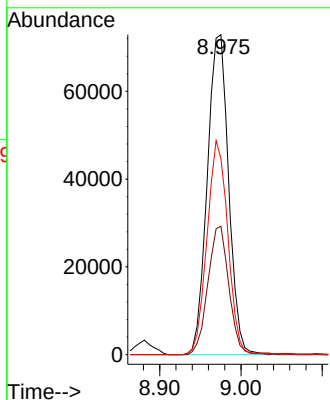
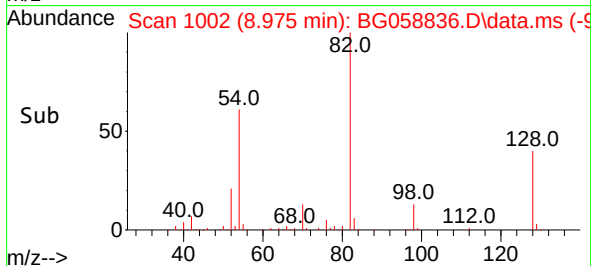
Tgt Ion: 82 Resp: 133134
Ion Ratio Lower Upper
82 100
128 40.2 33.2 49.8
54 61.2 51.2 76.8

Manual Integrations

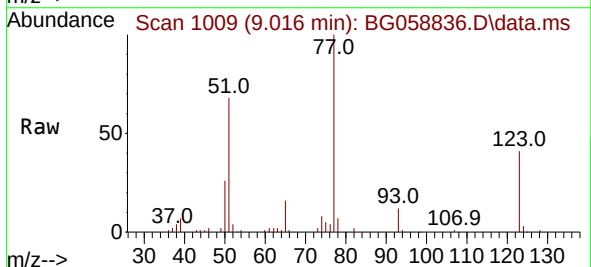
APPROVED

Reviewed By :Yogesh Patel 08/25/2023

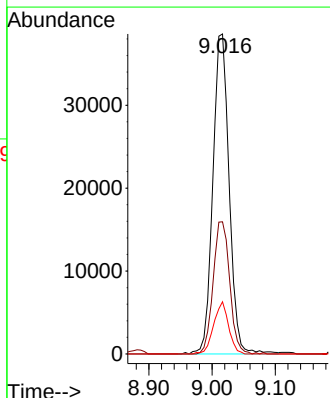
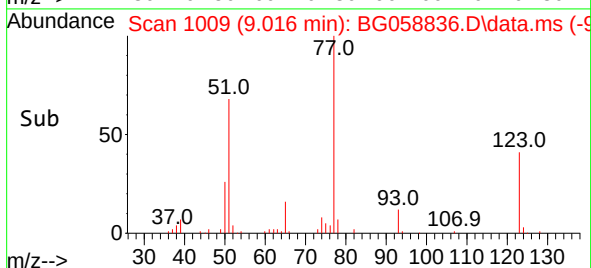
Supervised By :mohammad ahmed 08/25/2023

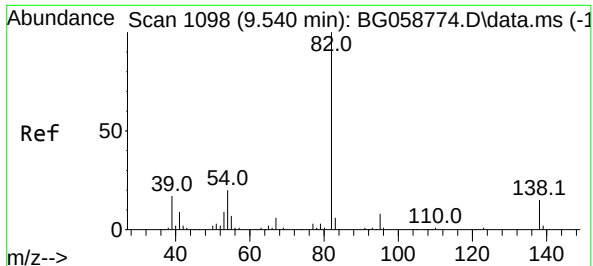


#24
Nitrobenzene
Concen: 44.649 ng
RT: 9.016 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BG058836.D
Acq: 24 Aug 2023 13:14



Tgt Ion: 77 Resp: 69138
Ion Ratio Lower Upper
77 100
123 41.3 34.9 52.3
65 16.3 10.9 16.3#





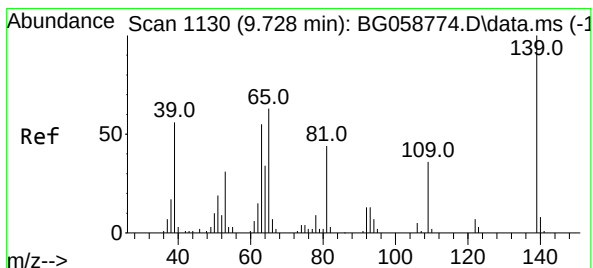
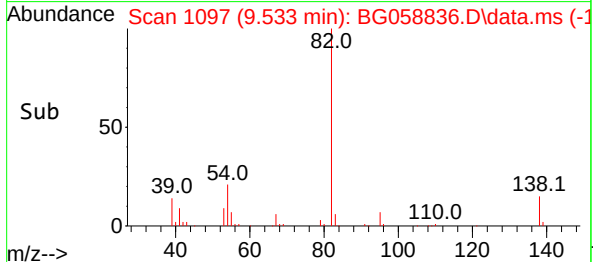
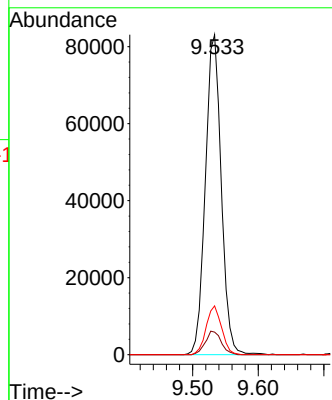
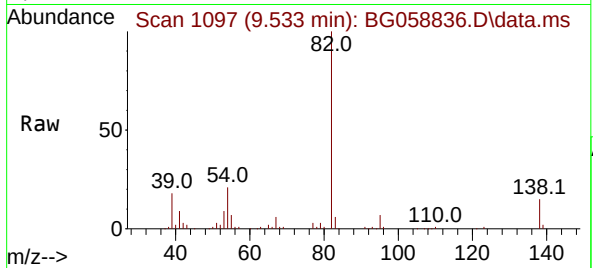
#25
Isophorone
Concen: 45.229 ng
RT: 9.533 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BG058836.D
Acq: 24 Aug 2023 13:14

Instrument :
BNA_G
ClientSampleId :
TP-IMS

Tgt Ion: 82 Resp: 140034
Ion Ratio Lower Upper
82 100
95 7.1 6.1 9.1
138 15.2 12.2 18.4

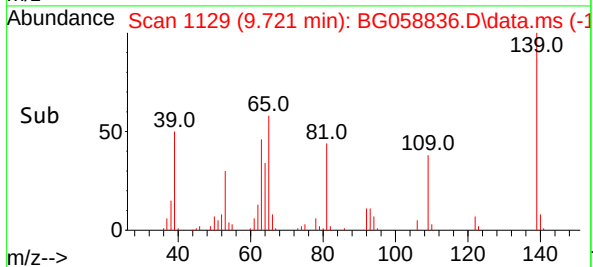
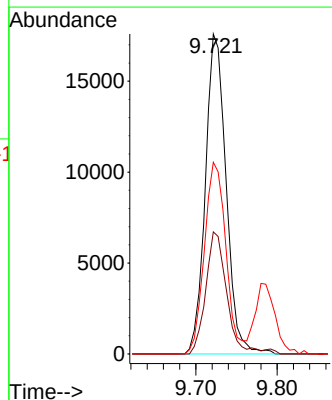
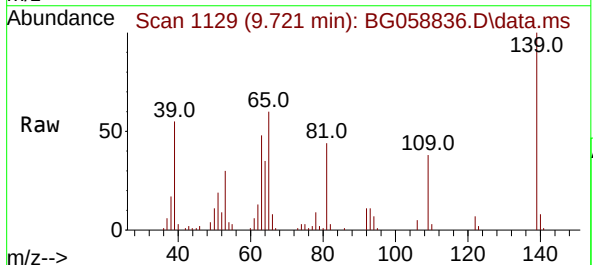
Manual Integrations
APPROVED

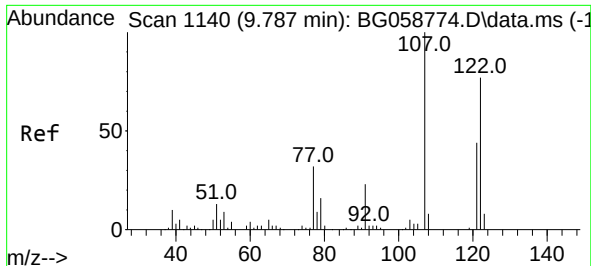
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#26
2-Nitrophenol
Concen: 48.138 ng
RT: 9.721 min Scan# 1129
Delta R.T. -0.006 min
Lab File: BG058836.D
Acq: 24 Aug 2023 13:14

Tgt Ion:139 Resp: 31175
Ion Ratio Lower Upper
139 100
109 38.1 28.7 43.1
65 59.9 50.6 76.0





#27

2,4-Dimethylphenol

Concen: 48.651 ng

RT: 9.786 min Scan# 1140

Delta R.T. -0.000 min

Lab File: BG058836.D

Acq: 24 Aug 2023 13:14

Instrument :

BNA_G

ClientSampleId :

TP-IMS

Tgt Ion:122 Resp: 53398

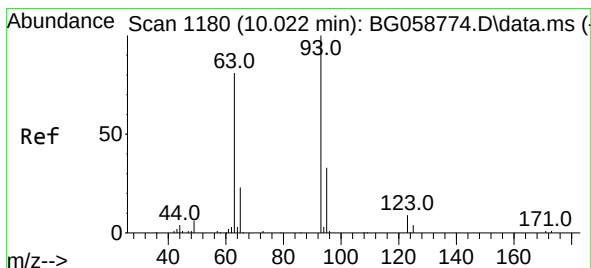
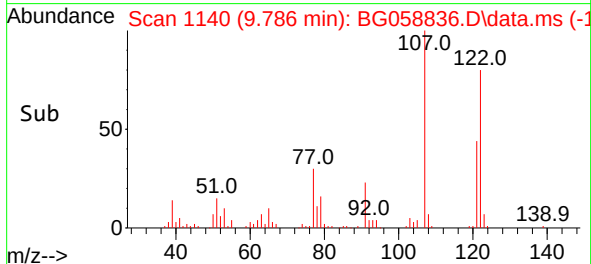
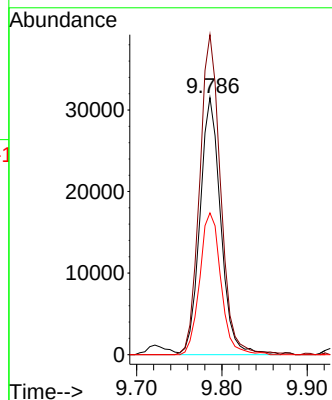
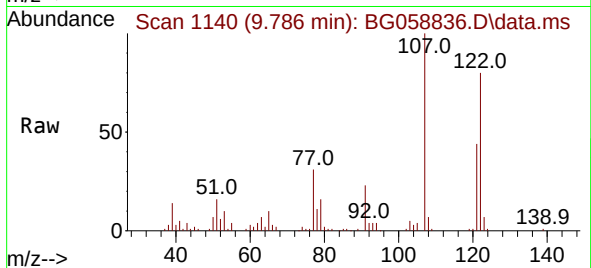
Ion	Ratio	Lower	Upper
122	100		
107	124.4	102.6	154.0
121	55.1	45.0	67.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/25/2023

Supervised By :mohammad ahmed 08/25/2023



#28

bis(2-Chloroethoxy)methane

Concen: 45.312 ng

RT: 10.015 min Scan# 1179

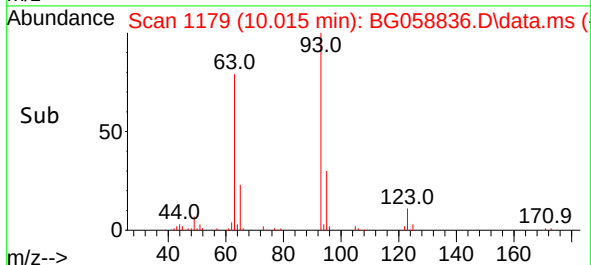
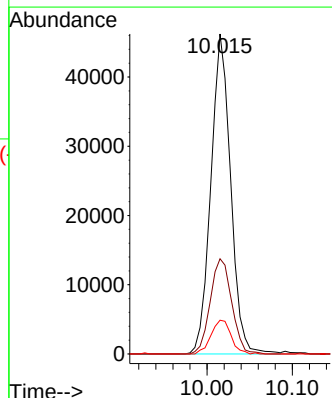
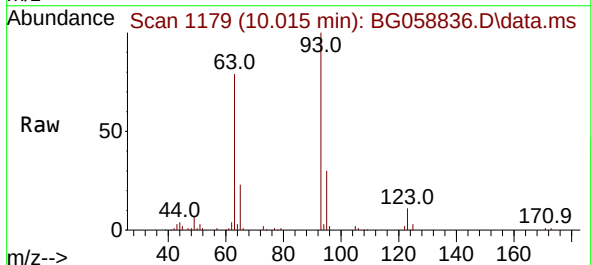
Delta R.T. -0.006 min

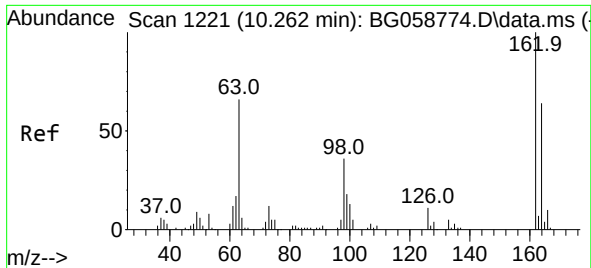
Lab File: BG058836.D

Acq: 24 Aug 2023 13:14

Tgt Ion: 93 Resp: 74313

Ion	Ratio	Lower	Upper
93	100		
95	29.8	26.2	39.4
123	10.6	8.1	12.1





#29

2,4-Dichlorophenol

Concen: 51.769 ng

RT: 10.268 min Scan# 1221

Delta R.T. 0.005 min

Lab File: BG058836.D

Acq: 24 Aug 2023 13:14

Instrument :

BNA_G

ClientSampleId :

TP-IMS

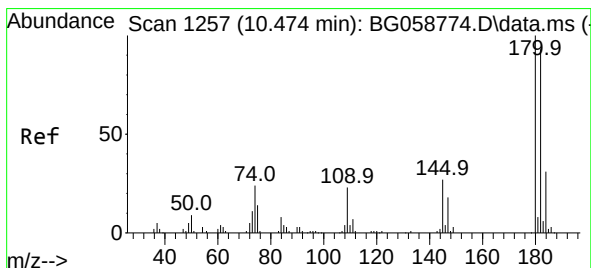
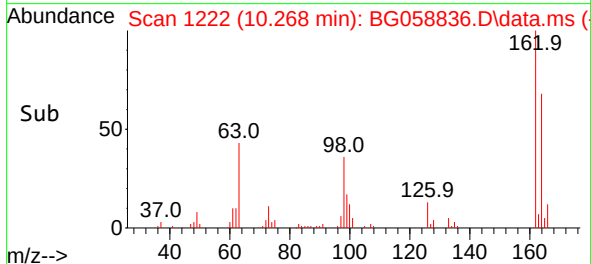
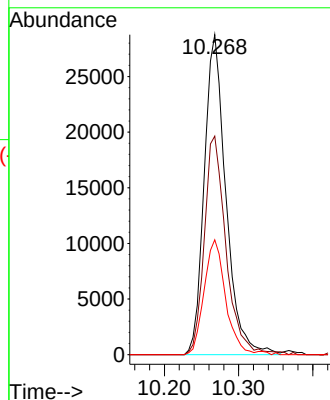
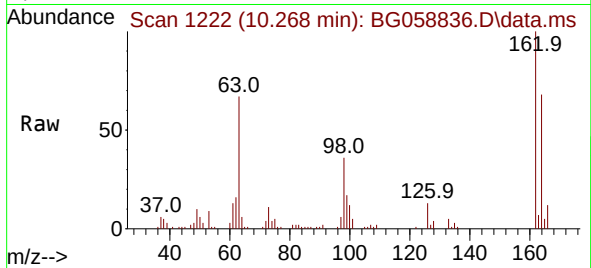
Tgt Ion:	162	Resp:	5838
Ion Ratio	Lower	Upper	
162	100		
164	68.3	44.4	84.4
98	35.9	16.1	56.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/25/2023

Supervised By :mohammad ahmed 08/25/2023



#30

1,2,4-Trichlorobenzene

Concen: 45.917 ng

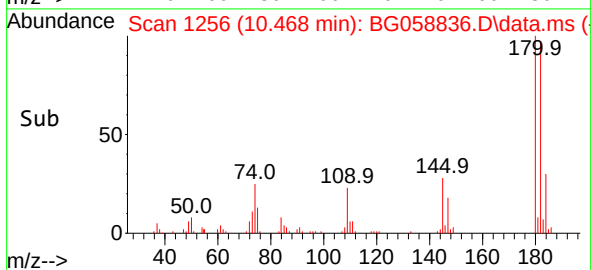
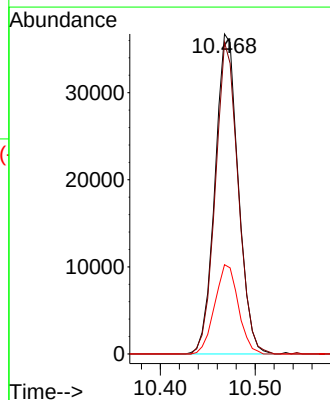
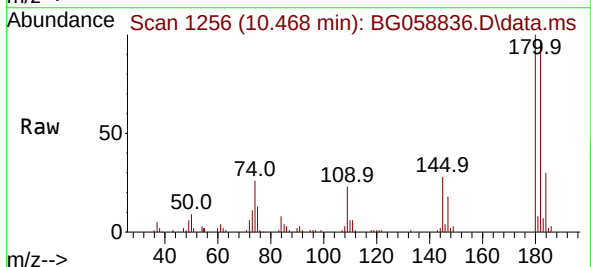
RT: 10.468 min Scan# 1256

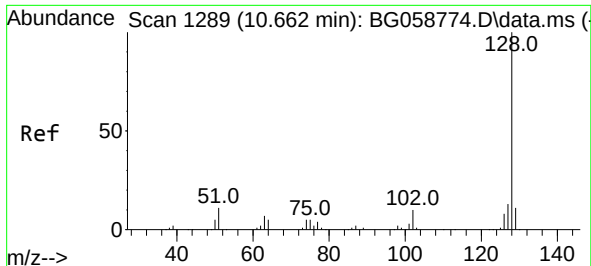
Delta R.T. -0.006 min

Lab File: BG058836.D

Acq: 24 Aug 2023 13:14

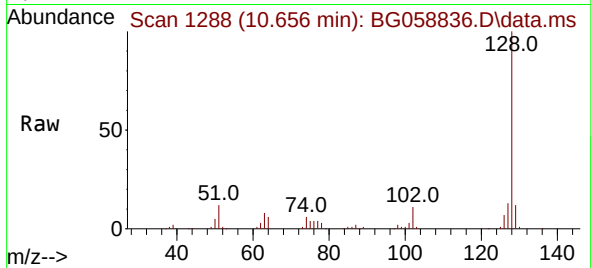
Tgt Ion:	180	Resp:	62537
Ion Ratio	Lower	Upper	
180	100		
182	97.4	74.6	112.0
145	27.9	21.4	32.0





#31
Naphthalene
Concen: 45.340 ng
RT: 10.656 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BG058836.D
Acq: 24 Aug 2023 13:14

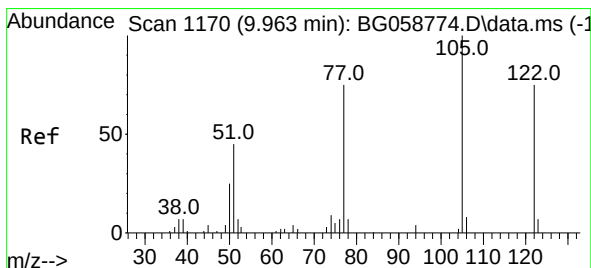
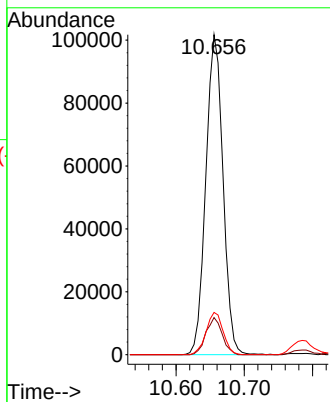
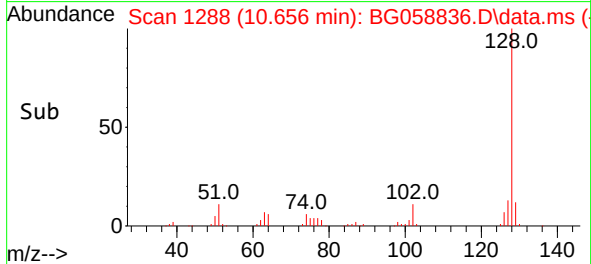
Instrument :
BNA_G
ClientSampleId :
TP-IMS



Tgt Ion:128 Resp: 178194
Ion Ratio Lower Upper
128 100
129 11.6 8.9 13.3
127 13.2 10.6 15.8

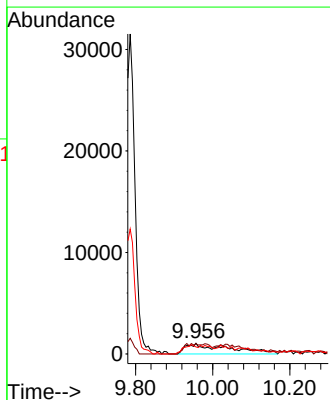
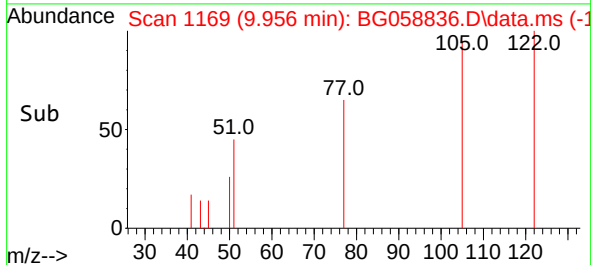
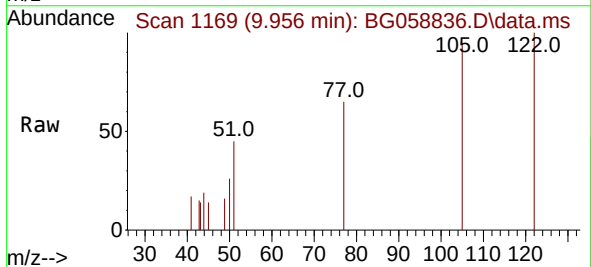
Manual Integrations
APPROVED

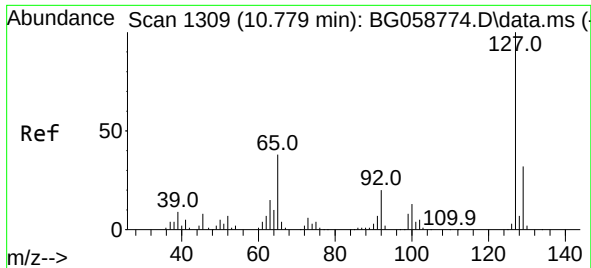
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#32
Benzoic acid
Concen: 16.096 ng m
RT: 9.956 min Scan# 1169
Delta R.T. -0.007 min
Lab File: BG058836.D
Acq: 24 Aug 2023 13:14

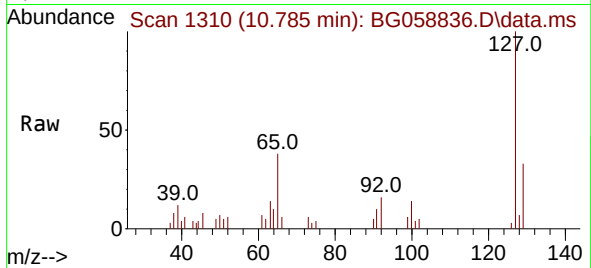
Tgt Ion:122 Resp: 7917
Ion Ratio Lower Upper
122 100
105 94.5 113.6 153.6#
77 64.9 79.7 119.7#





#33
4-Chloroaniline
Concen: 6.504 ng
RT: 10.785 min Scan# 1310
Delta R.T. 0.005 min
Lab File: BG058836.D
Acq: 24 Aug 2023 13:14

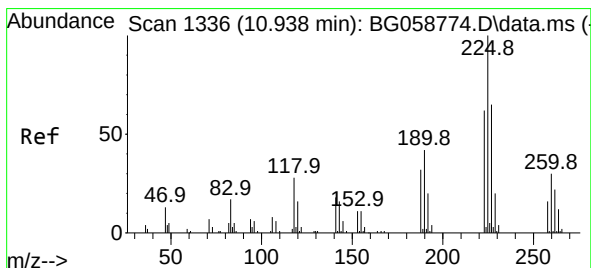
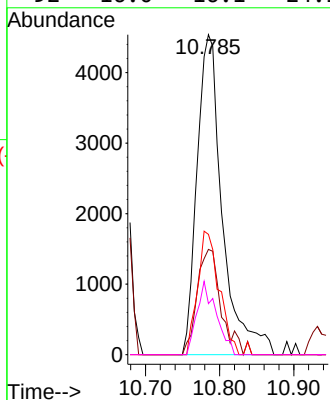
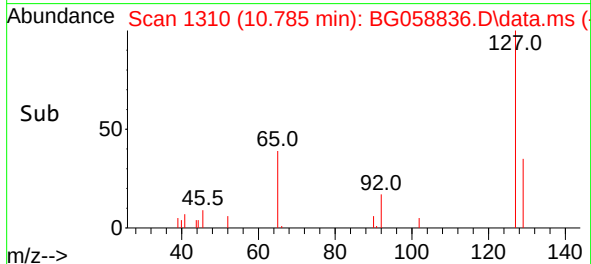
Instrument :
BNA_G
ClientSampleId :
TP-IMS



Tgt Ion:127 Resp: 10780
Ion Ratio Lower Upper
127 100
129 32.9 25.2 37.8
65 37.6 30.5 45.7
92 16.0 16.1 24.1#

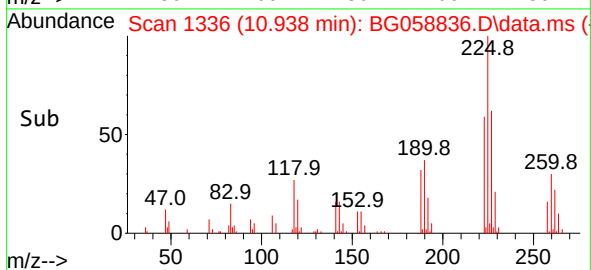
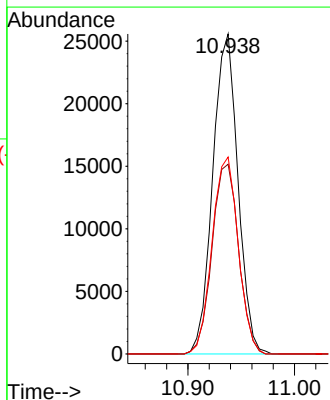
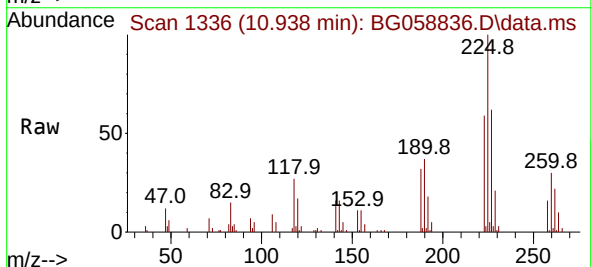
Manual Integrations
APPROVED

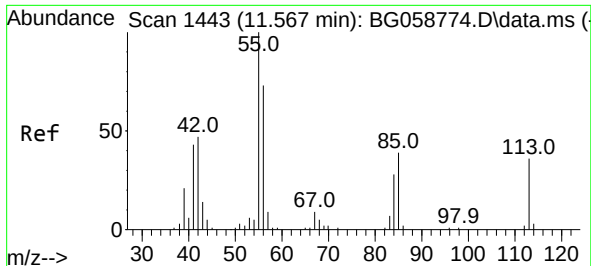
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#34
Hexachlorobutadiene
Concen: 45.541 ng
RT: 10.938 min Scan# 1336
Delta R.T. -0.000 min
Lab File: BG058836.D
Acq: 24 Aug 2023 13:14

Tgt Ion:225 Resp: 41861
Ion Ratio Lower Upper
225 100
223 61.8 49.9 74.9
227 61.6 51.6 77.4





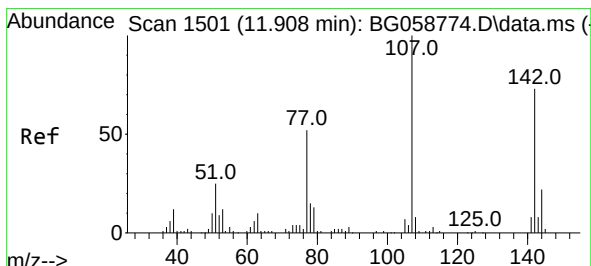
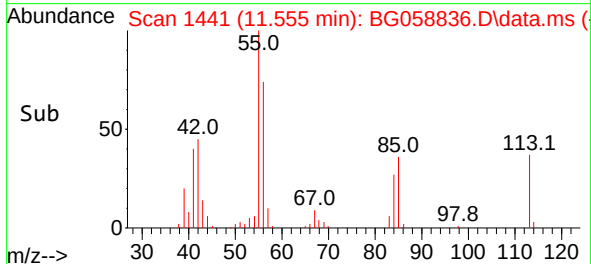
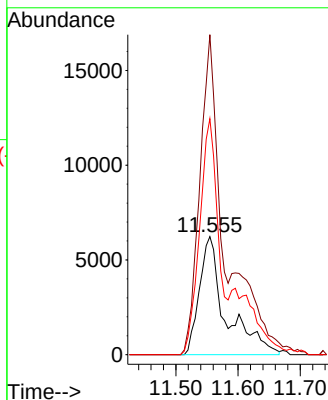
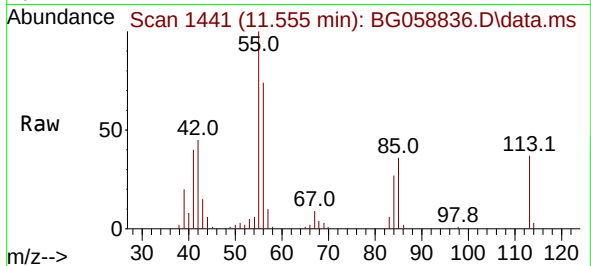
#35
Caprolactam
Concen: 45.117 ng m
RT: 11.555 min Scan# 1443
Delta R.T. -0.012 min
Lab File: BG058836.D
Acq: 24 Aug 2023 13:14

Instrument :
BNA_G
ClientSampleId :
TP-IMS

Tgt Ion:113 Resp: 18234
Ion Ratio Lower Upper
113 100
55 270.9 256.3 296.3
56 199.8 180.4 220.4

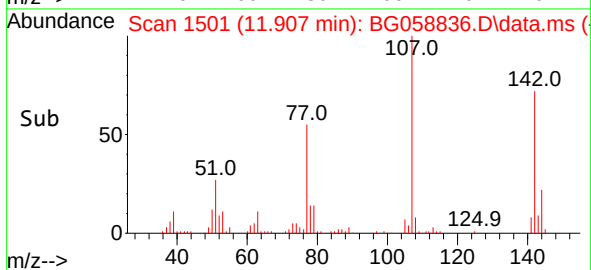
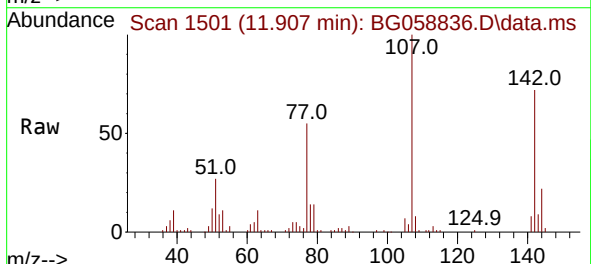
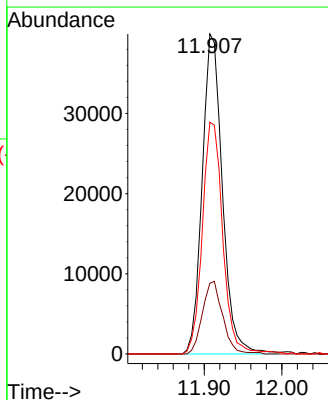
Manual Integrations
APPROVED

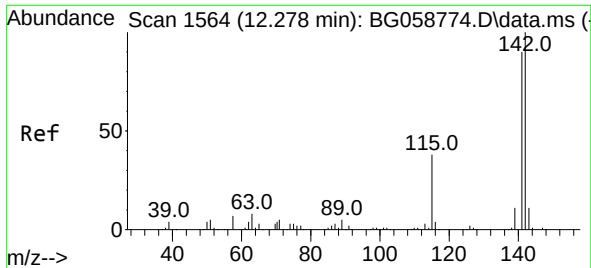
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#36
4-Chloro-3-methylphenol
Concen: 51.531 ng
RT: 11.907 min Scan# 1501
Delta R.T. -0.000 min
Lab File: BG058836.D
Acq: 24 Aug 2023 13:14

Tgt Ion:107 Resp: 72276
Ion Ratio Lower Upper
107 100
144 22.1 17.9 26.9
142 72.4 58.5 87.7





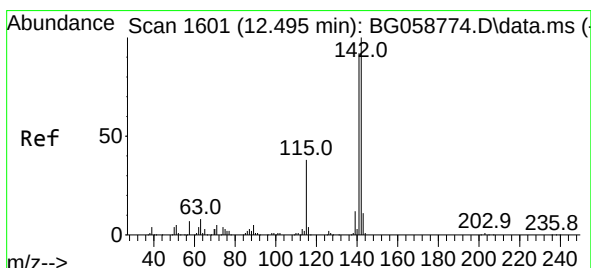
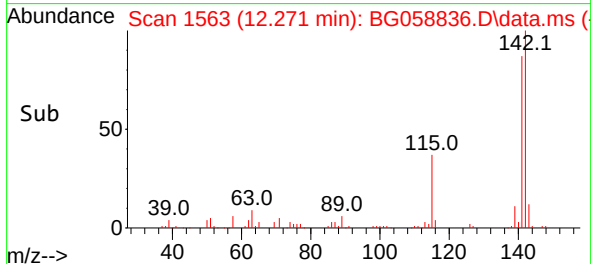
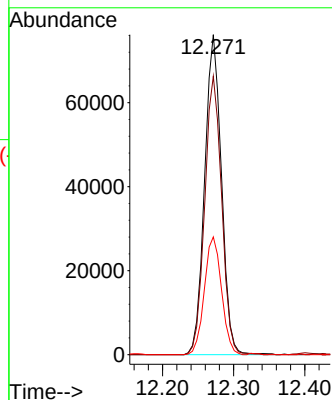
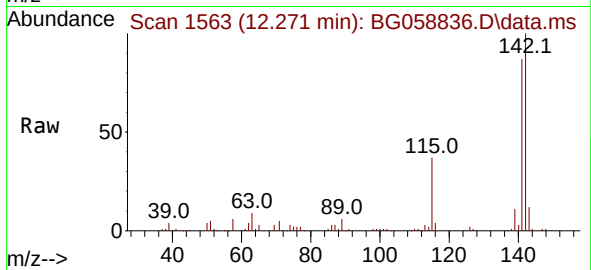
#37
2-Methylnaphthalene
Concen: 44.461 ng
RT: 12.271 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG058836.D
Acq: 24 Aug 2023 13:14

Instrument :
BNA_G
ClientSampleId :
TP-IMS

Tgt Ion:142 Resp: 125504
Ion Ratio Lower Upper
142 100
141 87.0 71.8 107.8
115 36.8 30.6 45.8

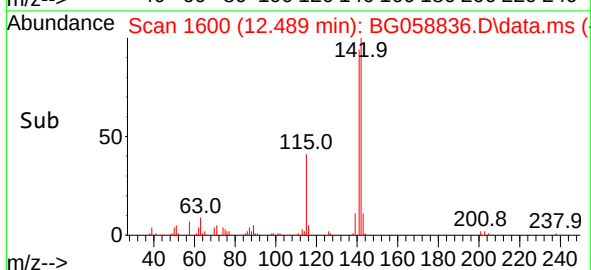
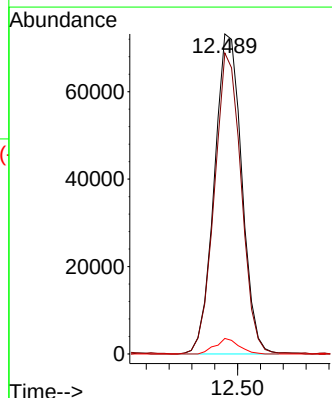
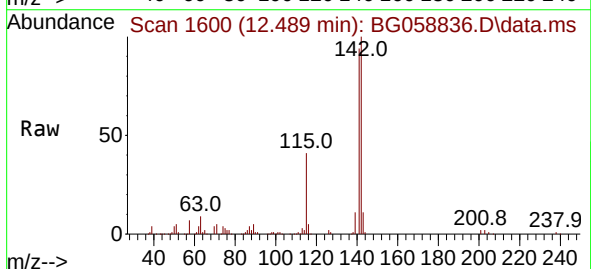
Manual Integrations
APPROVED

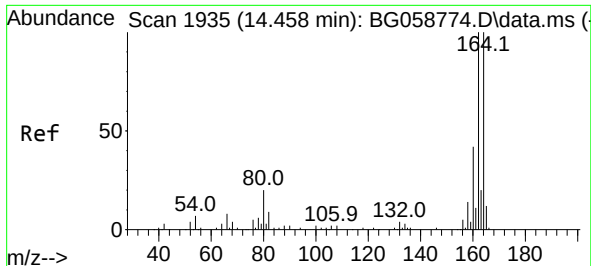
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#38
1-Methylnaphthalene
Concen: 45.705 ng m
RT: 12.489 min Scan# 1600
Delta R.T. -0.006 min
Lab File: BG058836.D
Acq: 24 Aug 2023 13:14

Tgt Ion:142 Resp: 122468
Ion Ratio Lower Upper
142 100
141 94.0 73.9 110.9
116 4.9 3.2 4.8#





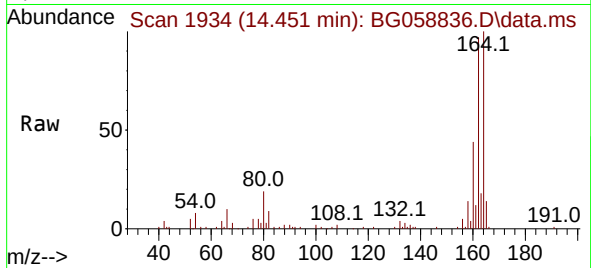
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BG058836.D
Acq: 24 Aug 2023 13:14

Instrument :

BNA_G

ClientSampleId :

TP-IMS

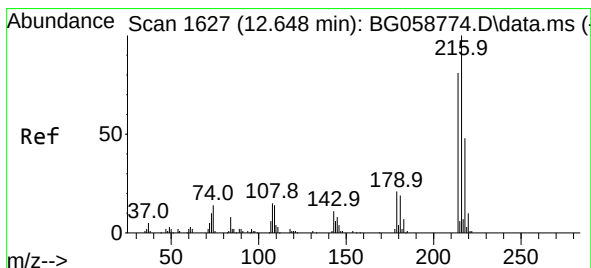
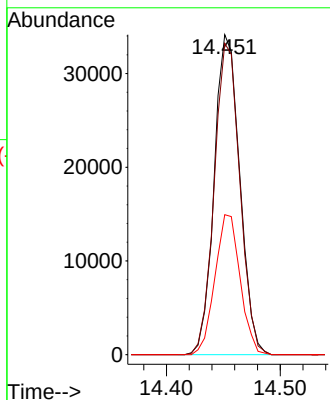
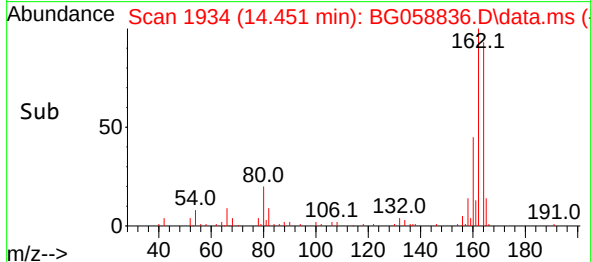


Tgt Ion:164 Resp: 5330
Ion Ratio Lower Upper
164 100
162 97.3 79.6 119.4
160 43.8 34.0 51.0

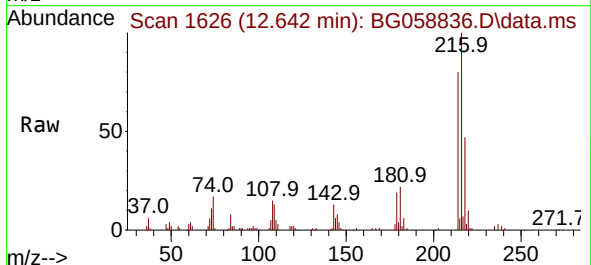
Manual Integrations

APPROVED

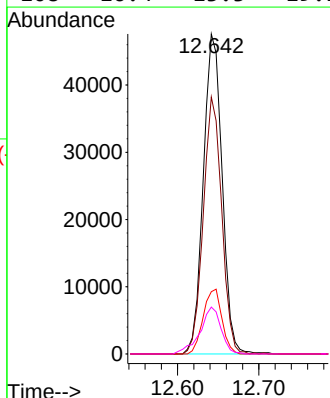
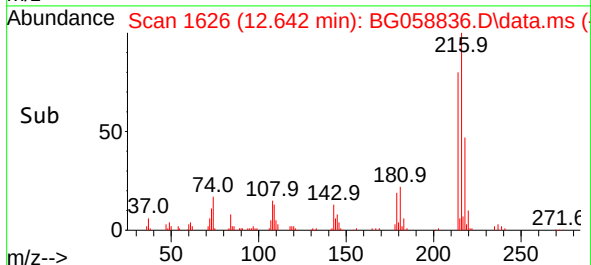
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023

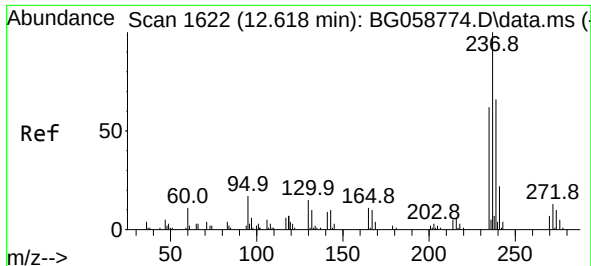


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.526 ng
RT: 12.642 min Scan# 1626
Delta R.T. -0.006 min
Lab File: BG058836.D
Acq: 24 Aug 2023 13:14



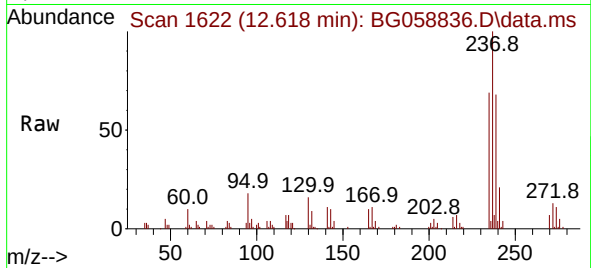
Tgt Ion:216 Resp: 76457
Ion Ratio Lower Upper
216 100
214 78.5 64.0 96.0
179 20.1 16.2 24.4
108 16.4 13.3 19.9





#41
Hexachlorocyclopentadiene
Concen: 83.723 ng
RT: 12.618 min Scan# 1622
Delta R.T. 0.000 min
Lab File: BG058836.D
Acq: 24 Aug 2023 13:14

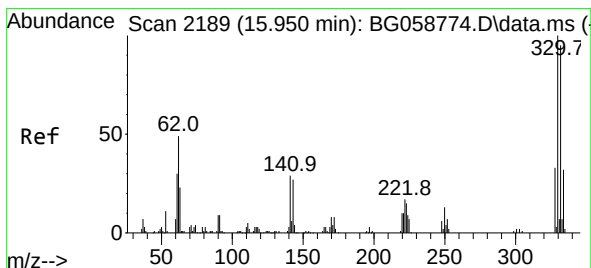
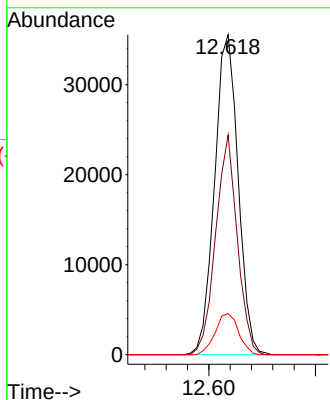
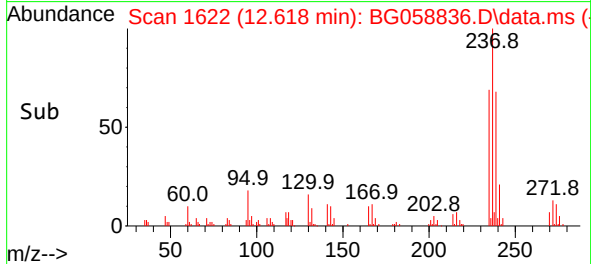
Instrument :
BNA_G
ClientSampleId :
TP-IMS



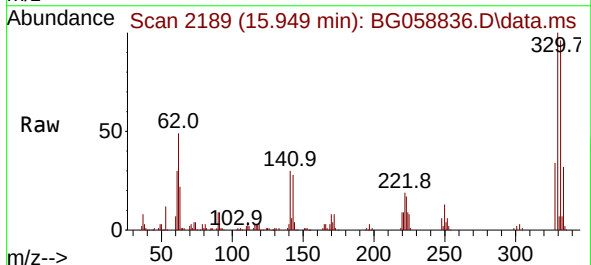
Tgt Ion:237 Resp: 5442
Ion Ratio Lower Upper
237 100
235 68.7 41.5 81.5
272 12.9 0.0 32.5

Manual Integrations
APPROVED

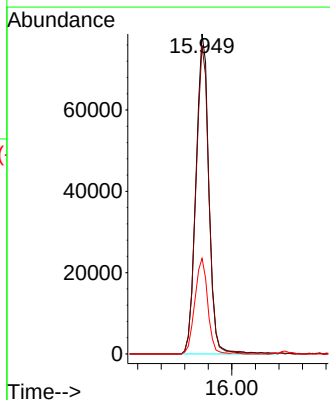
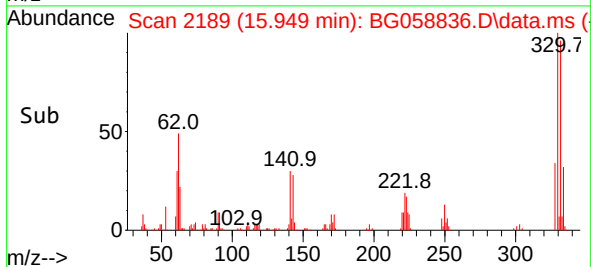
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023

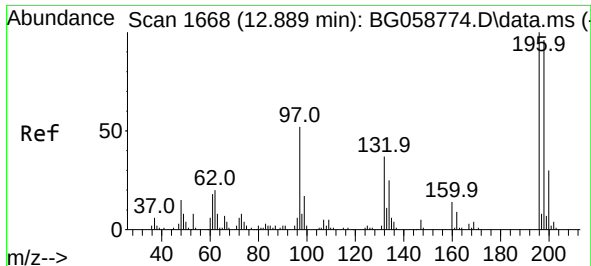


#42
2,4,6-Tribromophenol
Concen: 143.705 ng
RT: 15.949 min Scan# 2189
Delta R.T. -0.000 min
Lab File: BG058836.D
Acq: 24 Aug 2023 13:14



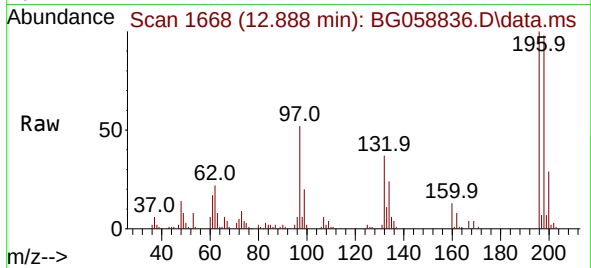
Tgt Ion:330 Resp: 120110
Ion Ratio Lower Upper
330 100
332 96.0 78.5 117.7
141 29.5 23.0 34.6





#43
2,4,6-Trichlorophenol
Concen: 52.392 ng
RT: 12.888 min Scan# 1668
Delta R.T. -0.000 min
Lab File: BG058836.D
Acq: 24 Aug 2023 13:14

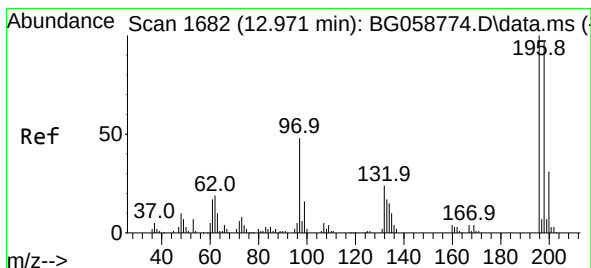
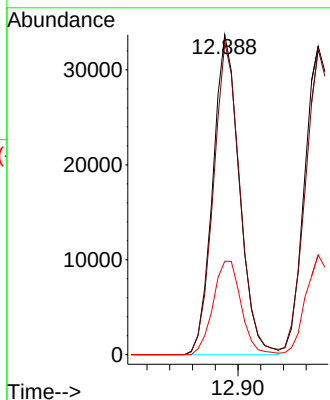
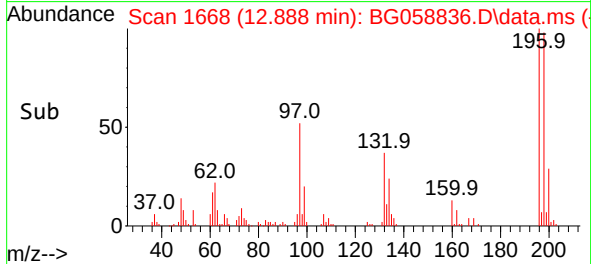
Instrument :
BNA_G
ClientSampleId :
TP-IMS



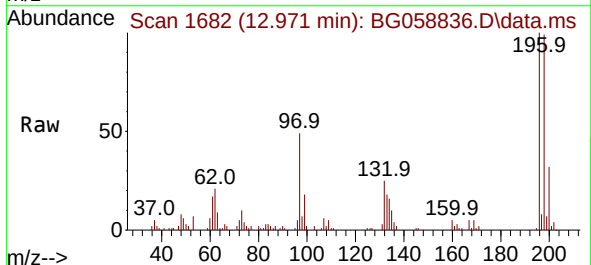
Tgt Ion:196 Resp: 54784
Ion Ratio Lower Upper
196 100
198 97.6 77.0 115.4
200 29.2 23.8 35.6

Manual Integrations
APPROVED

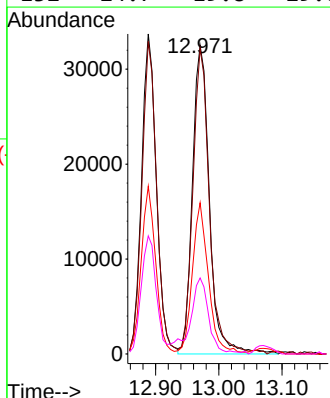
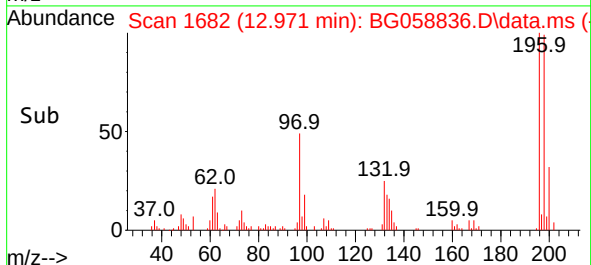
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023

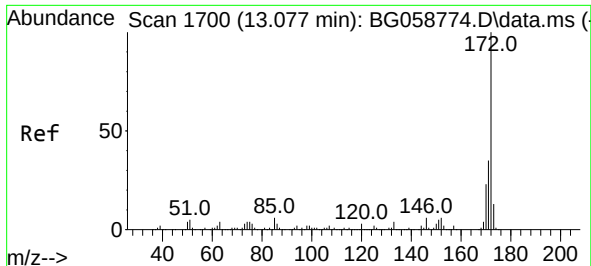


#44
2,4,5-Trichlorophenol
Concen: 48.464 ng
RT: 12.971 min Scan# 1682
Delta R.T. -0.000 min
Lab File: BG058836.D
Acq: 24 Aug 2023 13:14



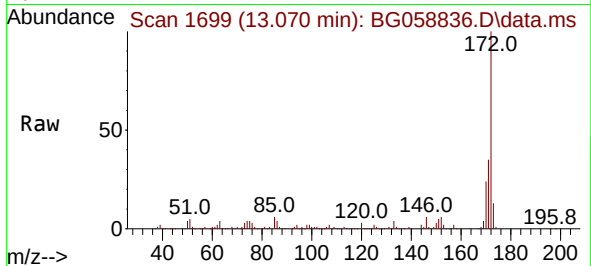
Tgt Ion:196 Resp: 60685
Ion Ratio Lower Upper
196 100
198 99.0 78.0 117.0
97 49.0 38.7 58.1
132 24.7 19.8 29.6





#45
2-Fluorobiphenyl
Concen: 85.635 ng
RT: 13.070 min Scan# 1700
Delta R.T. -0.007 min
Lab File: BG058836.D
Acq: 24 Aug 2023 13:14

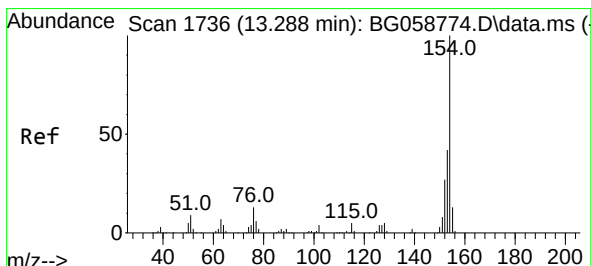
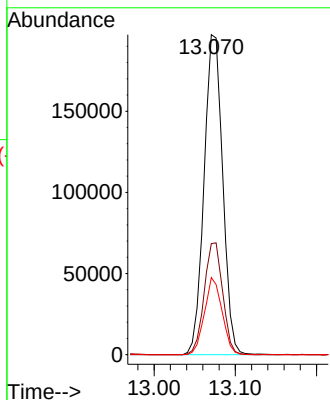
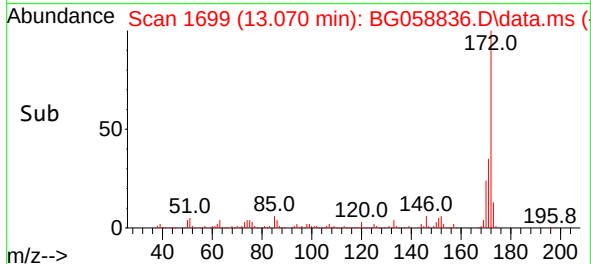
Instrument :
BNA_G
ClientSampleId :
TP-IMS



Tgt Ion:172 Resp: 313840
Ion Ratio Lower Upper
172 100
171 34.7 28.1 42.1
170 24.1 18.6 27.8

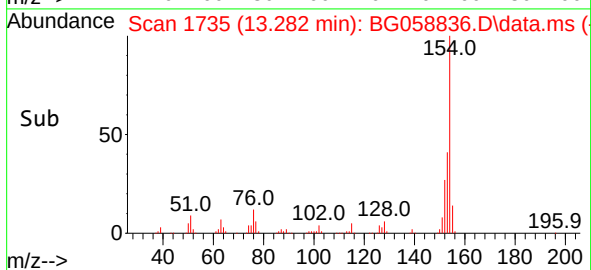
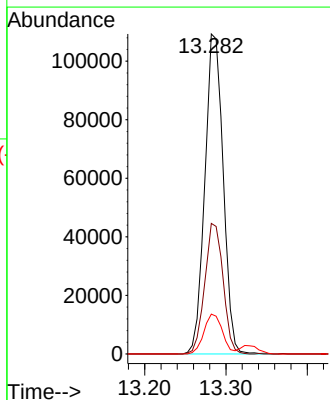
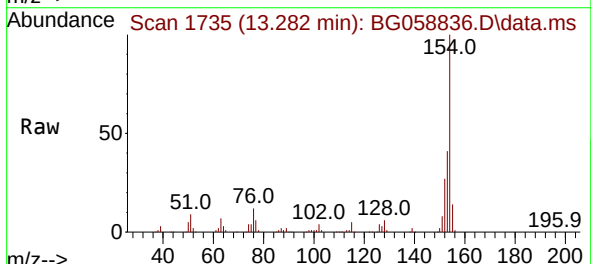
Manual Integrations
APPROVED

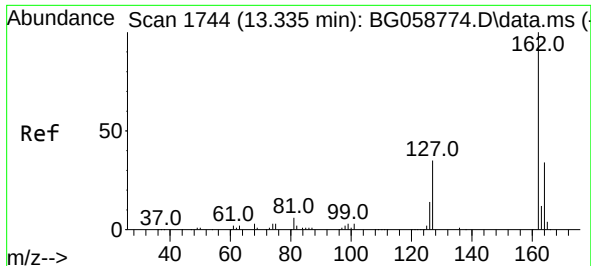
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#46
1,1'-Biphenyl
Concen: 46.572 ng
RT: 13.282 min Scan# 1735
Delta R.T. -0.006 min
Lab File: BG058836.D
Acq: 24 Aug 2023 13:14

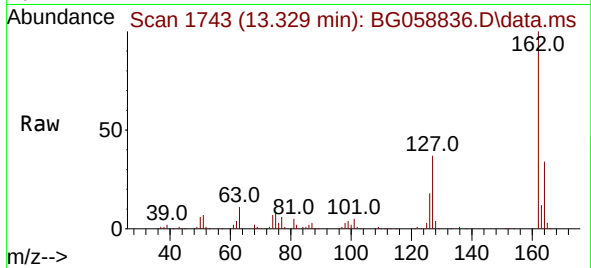
Tgt Ion:154 Resp: 171016
Ion Ratio Lower Upper
154 100
153 40.8 21.7 61.7
76 12.4 0.0 33.2





#47
2-Chloronaphthalene
Concen: 48.546 ng
RT: 13.329 min Scan# 1743
Delta R.T. -0.006 min
Lab File: BG058836.D
Acq: 24 Aug 2023 13:14

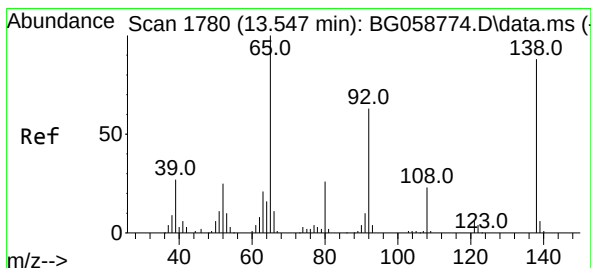
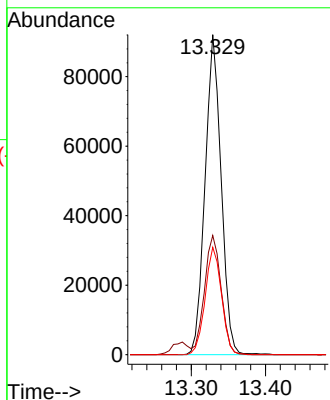
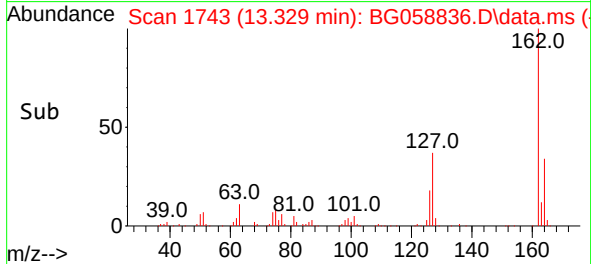
Instrument :
BNA_G
ClientSampleId :
TP-IMS



Tgt Ion:162 Resp: 138920
Ion Ratio Lower Upper
162 100
127 37.3 31.5 47.3
164 33.5 27.3 40.9

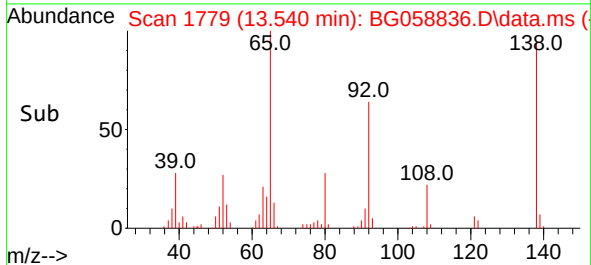
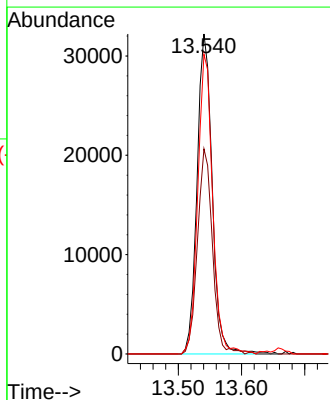
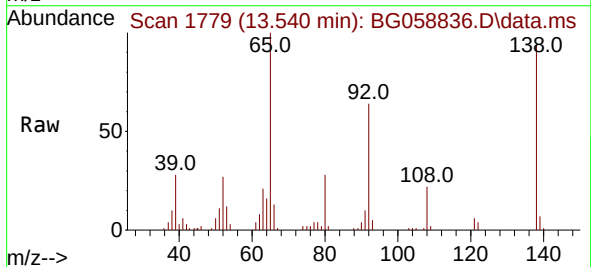
Manual Integrations
APPROVED

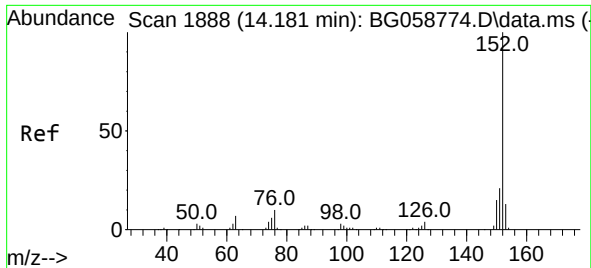
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#48
2-Nitroaniline
Concen: 49.226 ng
RT: 13.540 min Scan# 1779
Delta R.T. -0.006 min
Lab File: BG058836.D
Acq: 24 Aug 2023 13:14

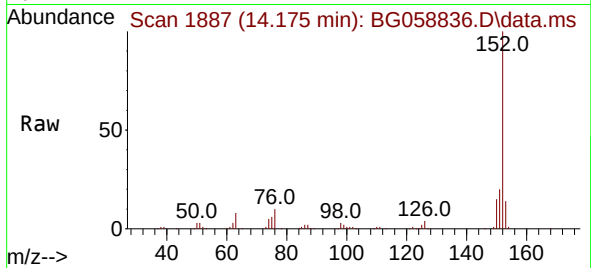
Tgt Ion: 65 Resp: 53500
Ion Ratio Lower Upper
65 100
92 64.1 50.7 76.1
138 93.7 70.7 106.1





#49
Acenaphthylene
Concen: 49.216 ng
RT: 14.175 min Scan# 1887
Delta R.T. -0.006 min
Lab File: BG058836.D
Acq: 24 Aug 2023 13:14

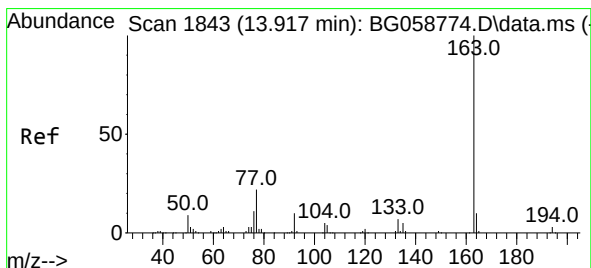
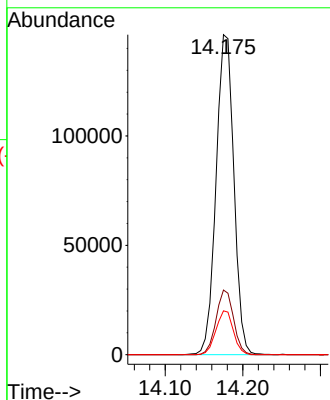
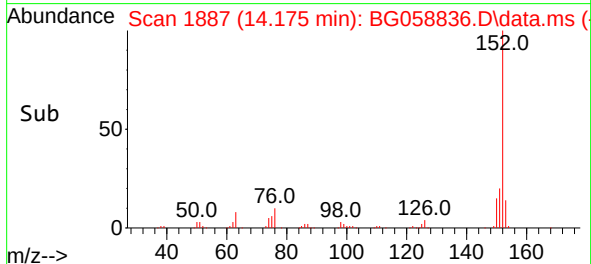
Instrument :
BNA_G
ClientSampleId :
TP-IMS



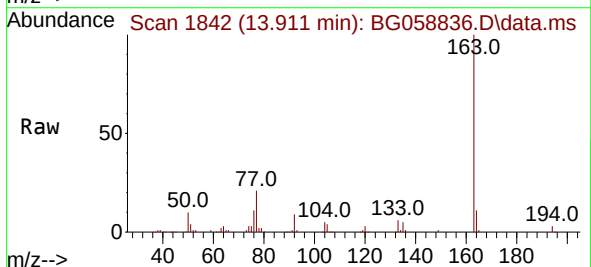
Tgt Ion:152 Resp: 23356
Ion Ratio Lower Upper
152 100
151 20.2 16.9 25.3
153 13.7 10.7 16.1

Manual Integrations
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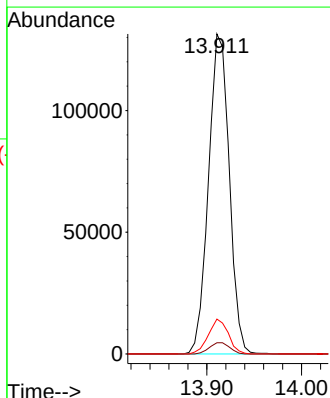
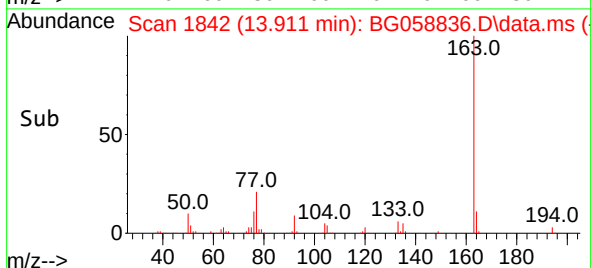
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023

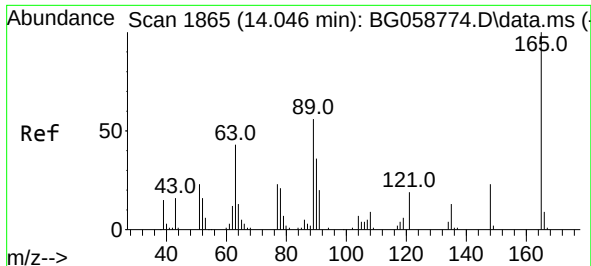


#50
Dimethylphthalate
Concen: 48.480 ng
RT: 13.911 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BG058836.D
Acq: 24 Aug 2023 13:14



Tgt Ion:163 Resp: 200089
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.9 8.3 12.5





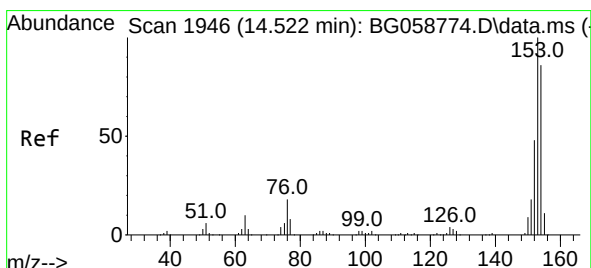
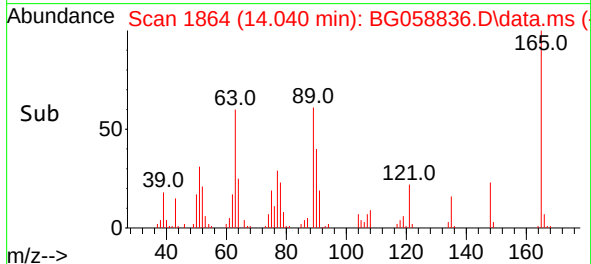
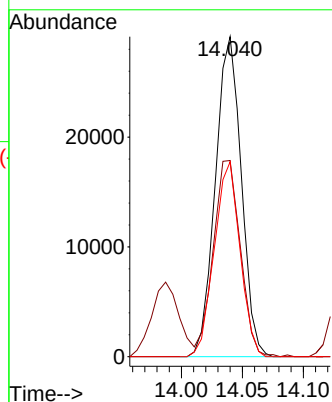
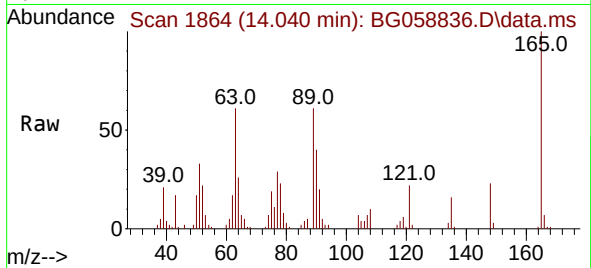
#51
2,6-Dinitrotoluene
Concen: 49.753 ng
RT: 14.040 min Scan# 1865
Delta R.T. -0.006 min
Lab File: BG058836.D
Acq: 24 Aug 2023 13:14

Instrument :
BNA_G
ClientSampleId :
TP-IMS

Tgt Ion:165 Resp: 43140
Ion Ratio Lower Upper
165 100
63 61.3 47.2 70.8
89 60.9 45.0 67.4

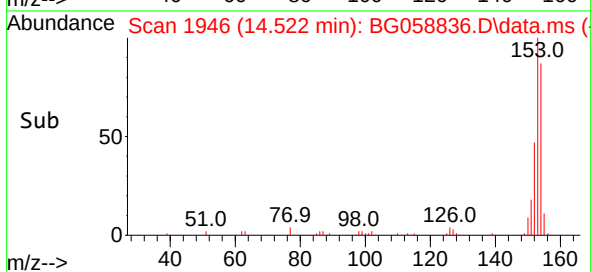
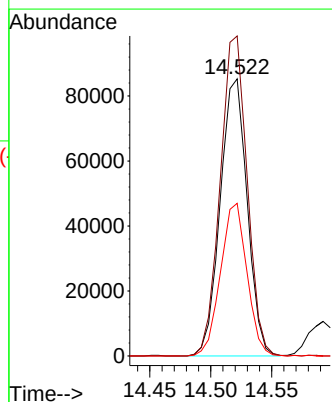
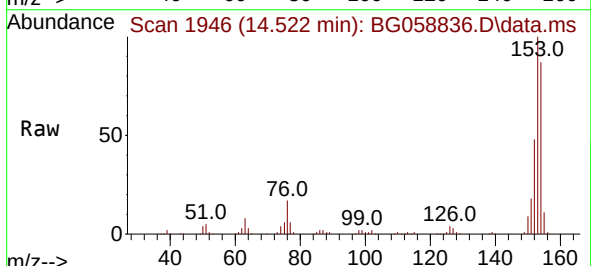
Manual Integrations
APPROVED

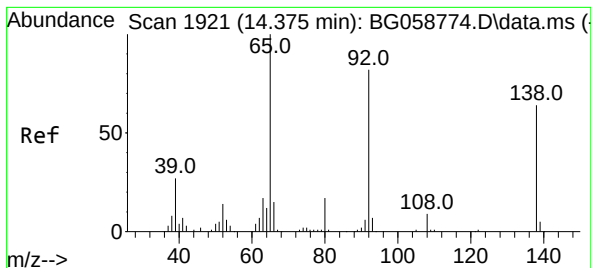
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#52
Acenaphthene
Concen: 47.379 ng
RT: 14.522 min Scan# 1946
Delta R.T. -0.000 min
Lab File: BG058836.D
Acq: 24 Aug 2023 13:14

Tgt Ion:154 Resp: 131391
Ion Ratio Lower Upper
154 100
153 115.5 92.7 139.1
152 55.1 44.2 66.2





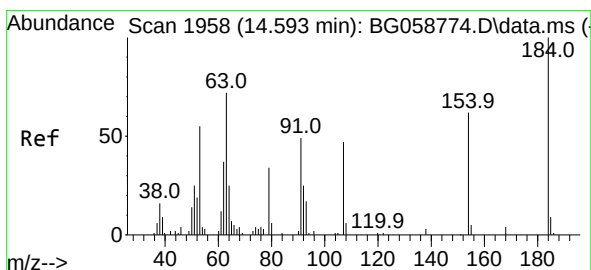
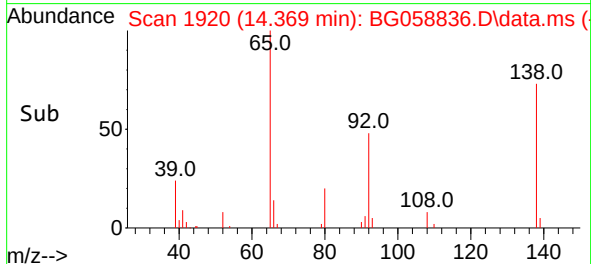
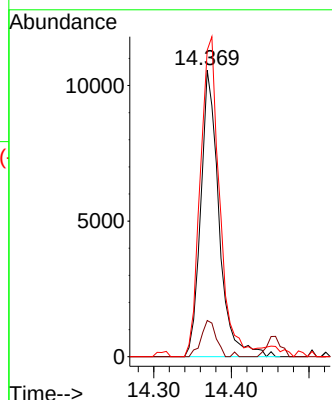
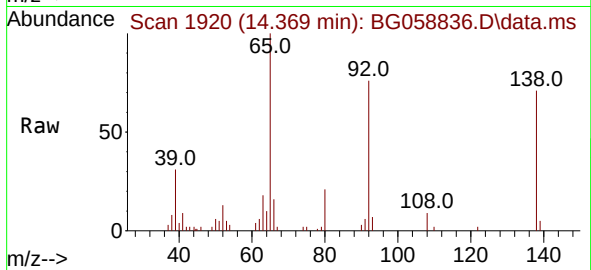
#53
3-Nitroaniline
Concen: 20.642 ng
RT: 14.369 min Scan# 1920
Delta R.T. -0.006 min
Lab File: BG058836.D
Acq: 24 Aug 2023 13:14

Instrument :
BNA_G
ClientSampleId :
TP-IMS

Tgt Ion:138 Resp: 1726
Ion Ratio Lower Upper
138 100
108 12.6 11.8 17.8
92 107.0 102.5 153.7

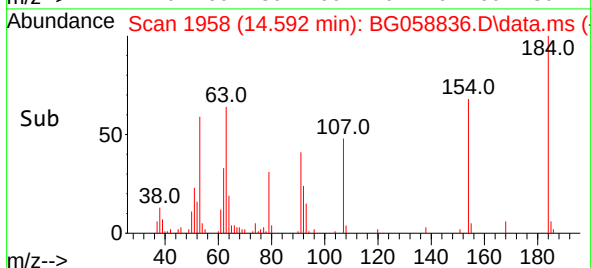
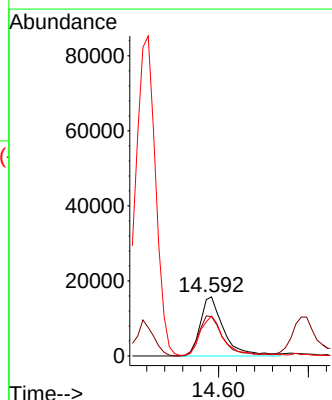
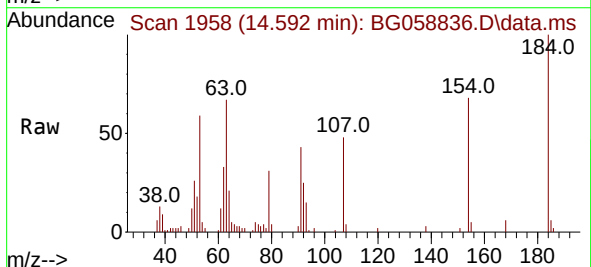
Manual Integrations
APPROVED

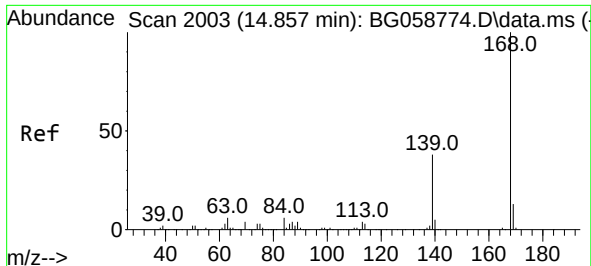
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#54
2,4-Dinitrophenol
Concen: 60.546 ng
RT: 14.592 min Scan# 1958
Delta R.T. -0.001 min
Lab File: BG058836.D
Acq: 24 Aug 2023 13:14

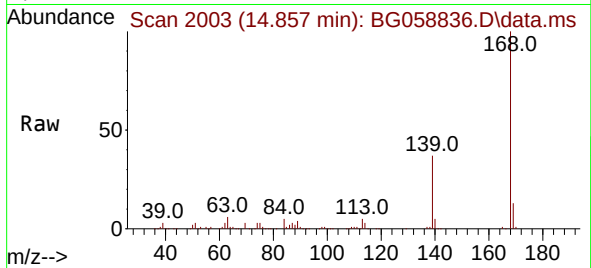
Tgt Ion:184 Resp: 28454
Ion Ratio Lower Upper
184 100
63 66.7 57.7 86.5
154 67.7 51.8 77.6





#55
Dibenzenofuran
Concen: 47.564 ng
RT: 14.857 min Scan# 2003
Delta R.T. -0.000 min
Lab File: BG058836.D
Acq: 24 Aug 2023 13:14

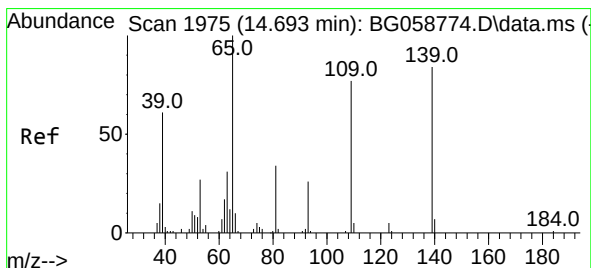
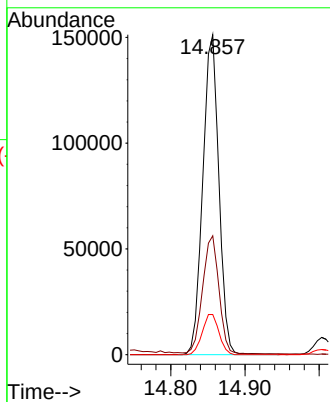
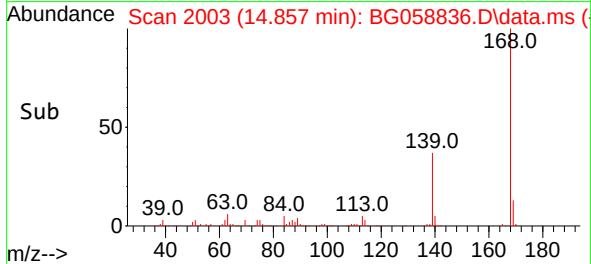
Instrument :
BNA_G
ClientSampleId :
TP-IMS



Tgt Ion:168 Resp: 22753
Ion Ratio Lower Upper
168 100
139 37.2 30.4 45.6
169 12.5 10.7 16.1

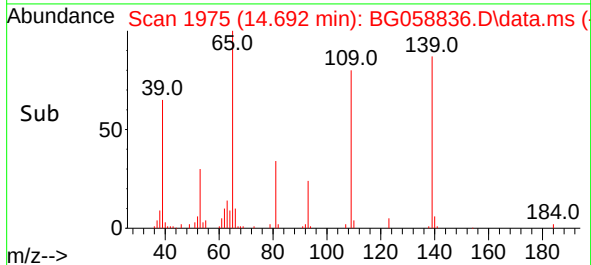
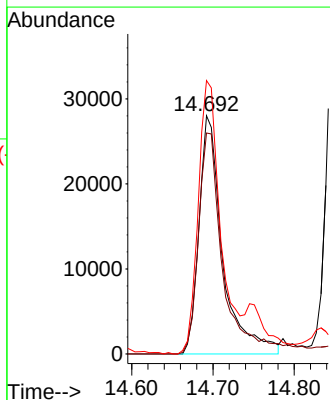
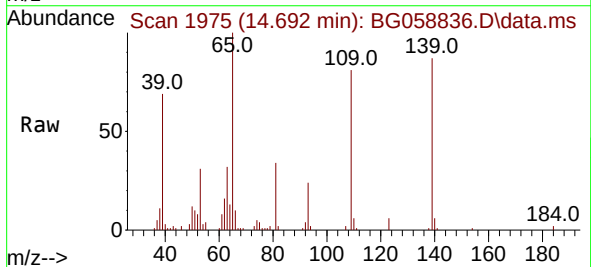
Manual Integrations
APPROVED

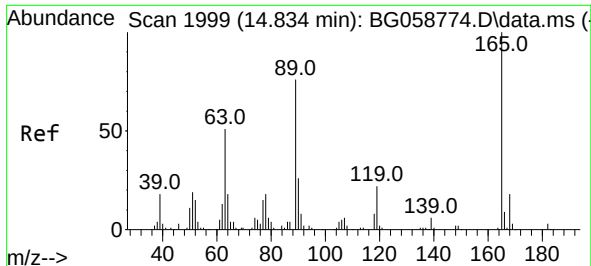
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#56
4-Nitrophenol
Concen: 93.029 ng
RT: 14.692 min Scan# 1975
Delta R.T. -0.001 min
Lab File: BG058836.D
Acq: 24 Aug 2023 13:14

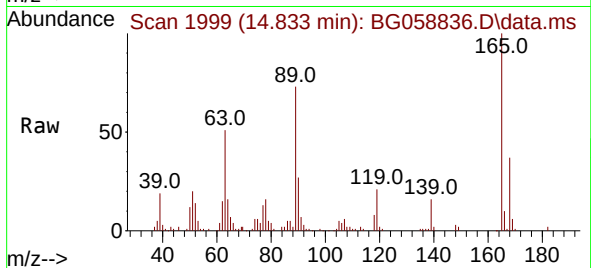
Tgt Ion:139 Resp: 56748
Ion Ratio Lower Upper
139 100
109 92.8 71.9 111.9
65 114.8 100.7 140.7





#57
2,4-Dinitrotoluene
Concen: 52.859 ng
RT: 14.833 min Scan# 1999
Delta R.T. -0.000 min
Lab File: BG058836.D
Acq: 24 Aug 2023 13:14

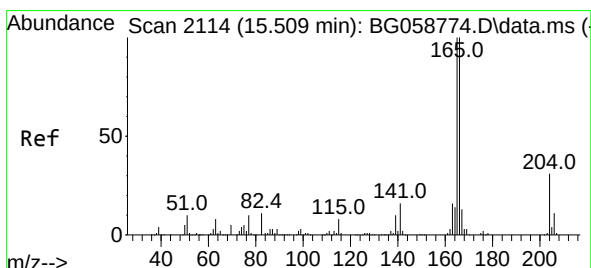
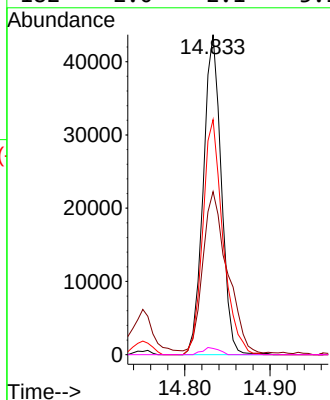
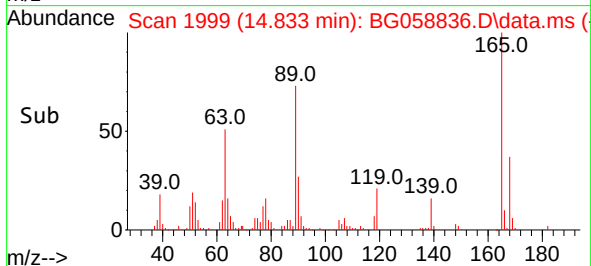
Instrument :
BNA_G
ClientSampleId :
TP-IMS



Tgt Ion:165 Resp: 6392
Ion Ratio Lower Upper
165 100
63 51.0 41.8 62.6
89 73.4 60.7 91.1
182 2.0 2.1 3.1#

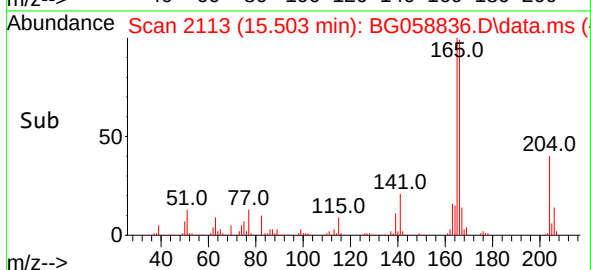
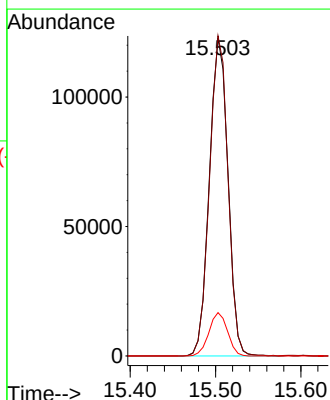
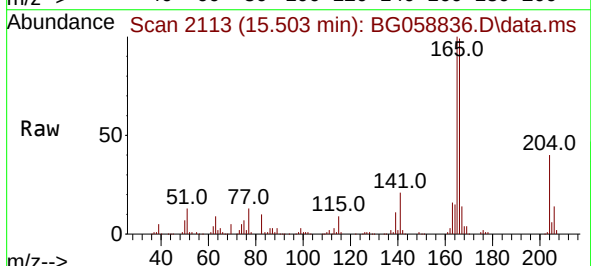
Manual Integrations
APPROVED

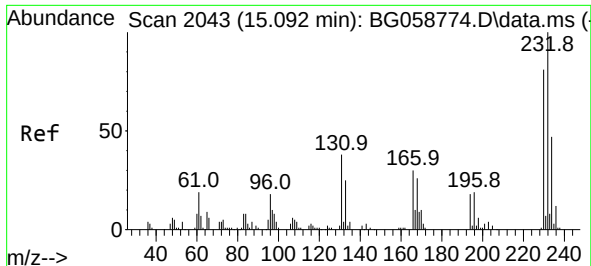
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#58
Fluorene
Concen: 48.979 ng
RT: 15.503 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BG058836.D
Acq: 24 Aug 2023 13:14

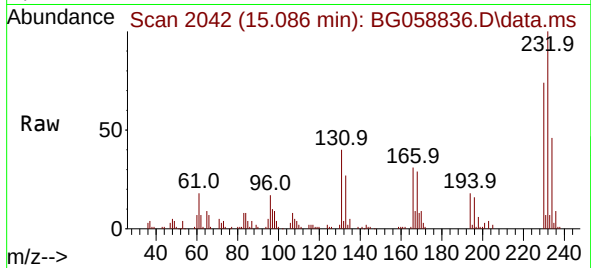
Tgt Ion:166 Resp: 186468
Ion Ratio Lower Upper
166 100
165 100.6 79.9 119.9
167 13.7 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 56.414 ng
RT: 15.086 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BG058836.D
Acq: 24 Aug 2023 13:14

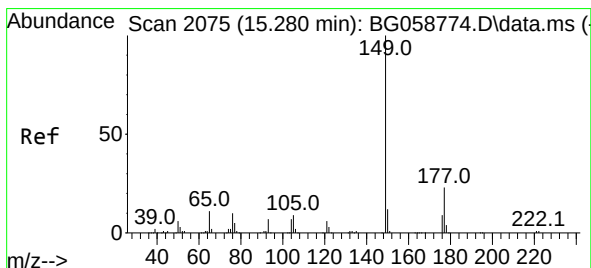
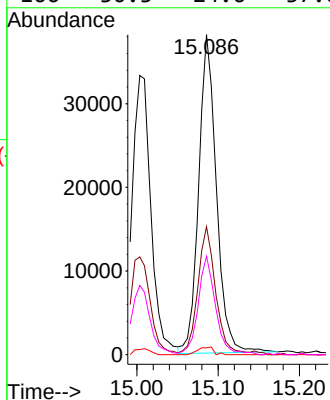
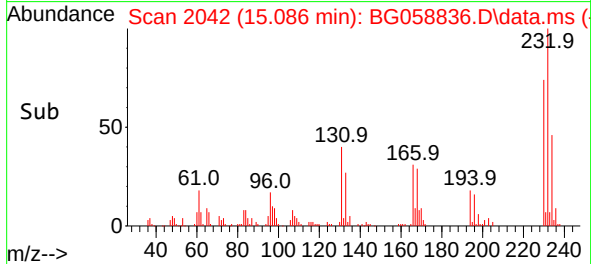
Instrument :
BNA_G
ClientSampleId :
TP-IMS



Tgt Ion:232 Resp: 57644
Ion Ratio Lower Upper
232 100
131 39.0 33.9 50.9
130 2.1 1.8 2.6
166 30.3 24.6 37.0

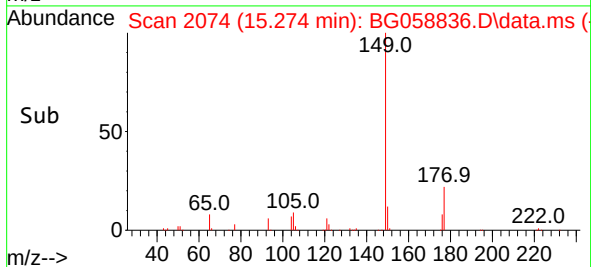
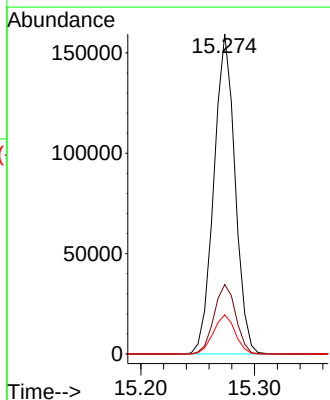
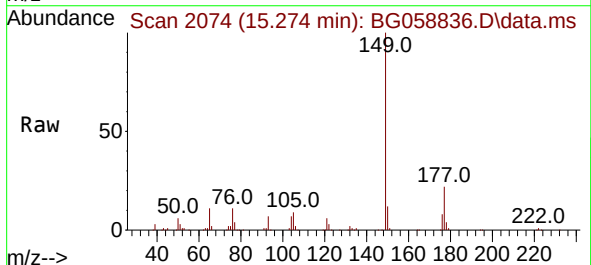
Manual Integrations
APPROVED

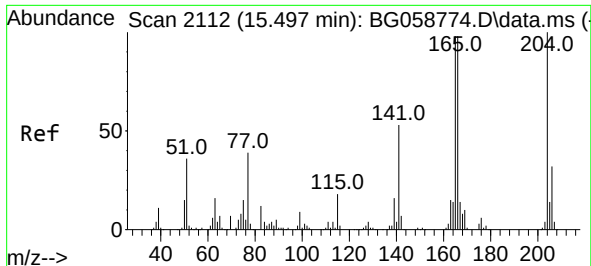
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#60
Diethylphthalate
Concen: 48.487 ng
RT: 15.274 min Scan# 2074
Delta R.T. -0.006 min
Lab File: BG058836.D
Acq: 24 Aug 2023 13:14

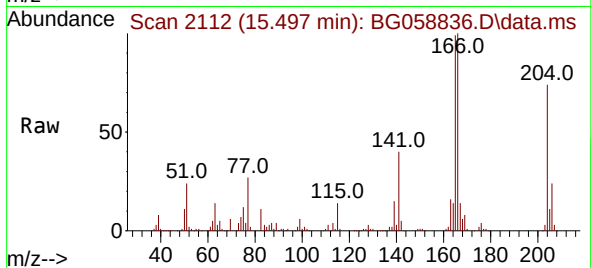
Tgt Ion:149 Resp: 206329
Ion Ratio Lower Upper
149 100
177 21.7 18.2 27.2
150 12.3 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 48.895 ng
RT: 15.497 min Scan# 2112
Delta R.T. -0.000 min
Lab File: BG058836.D
Acq: 24 Aug 2023 13:14

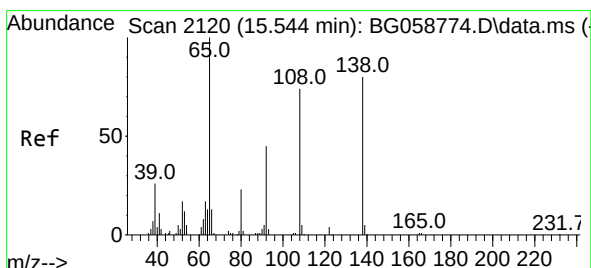
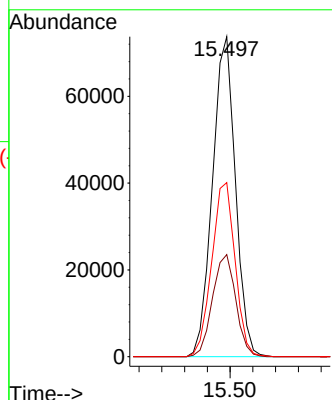
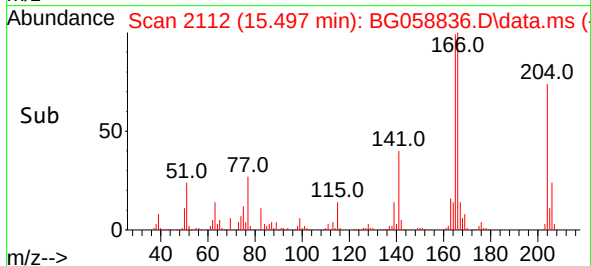
Instrument :
BNA_G
ClientSampleId :
TP-IMS



Tgt Ion:204 Resp: 10317
Ion Ratio Lower Upper
204 100
206 31.9 25.6 38.4
141 54.4 42.3 63.5

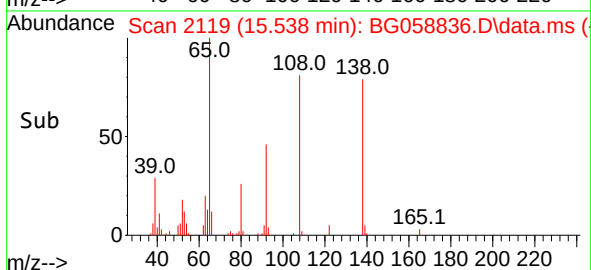
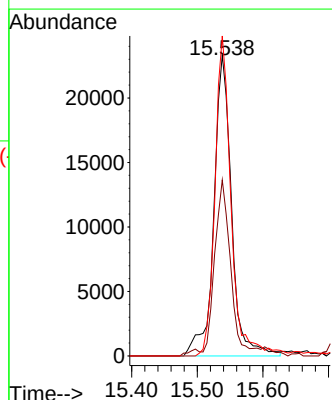
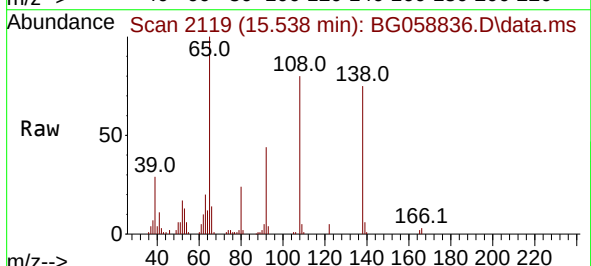
Manual Integrations
APPROVED

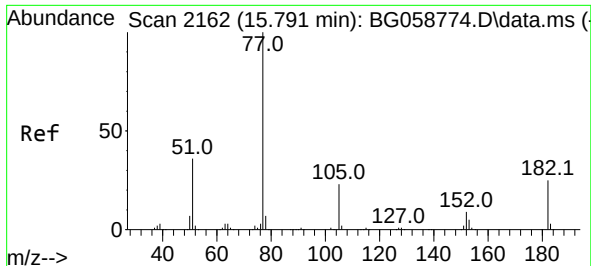
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#62
4-Nitroaniline
Concen: 51.319 ng
RT: 15.538 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BG058836.D
Acq: 24 Aug 2023 13:14

Tgt Ion:138 Resp: 43554
Ion Ratio Lower Upper
138 100
92 58.5 36.4 76.4
108 106.3 72.2 112.2





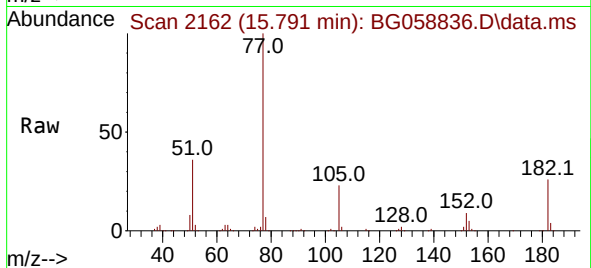
#63
Azobenzene
Concen: 48.213 ng
RT: 15.791 min Scan# 2162
Delta R.T. -0.000 min
Lab File: BG058836.D
Acq: 24 Aug 2023 13:14

Instrument :

BNA_G

ClientSampleId :

TP-IMS

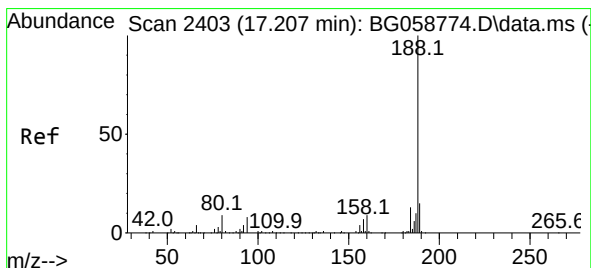
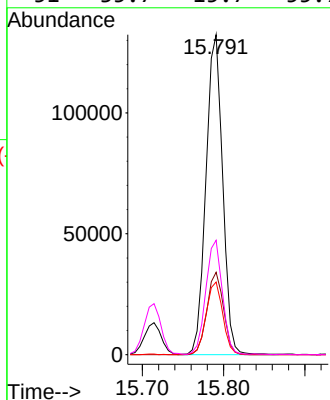
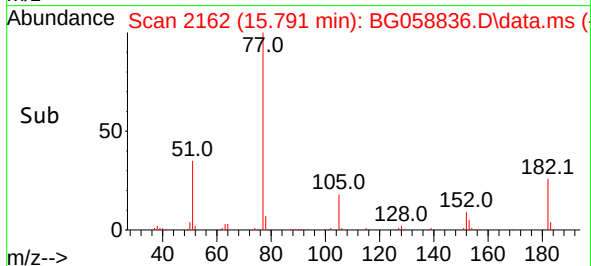


Tgt Ion: 77 Resp: 18838
Ion Ratio Lower Upper
77 100
182 25.7 4.9 44.9
105 22.7 2.8 42.8
51 35.7 15.7 55.7

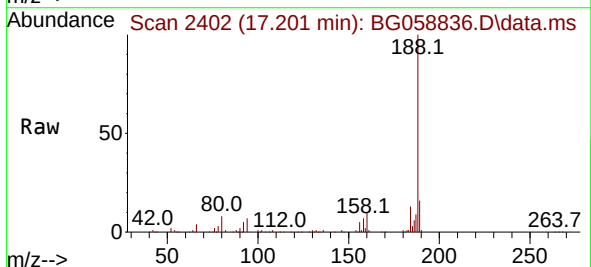
Manual Integrations

APPROVED

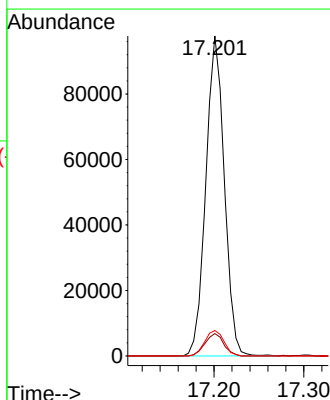
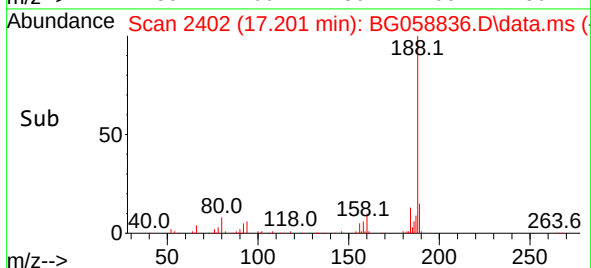
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023

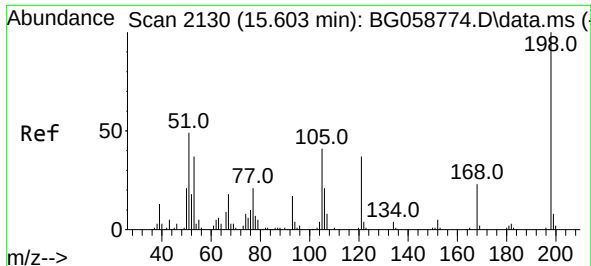


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2402
Delta R.T. -0.006 min
Lab File: BG058836.D
Acq: 24 Aug 2023 13:14



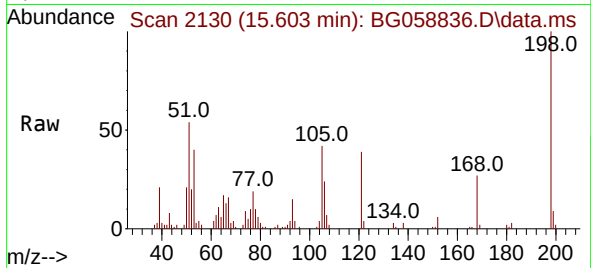
Tgt Ion:188 Resp: 139752
Ion Ratio Lower Upper
188 100
94 7.0 6.1 9.1
80 7.9 6.9 10.3





#65
4,6-Dinitro-2-methylphenol
Concen: 36.188 ng
RT: 15.603 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BG058836.D
Acq: 24 Aug 2023 13:14

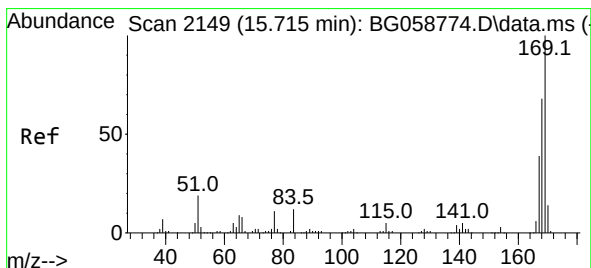
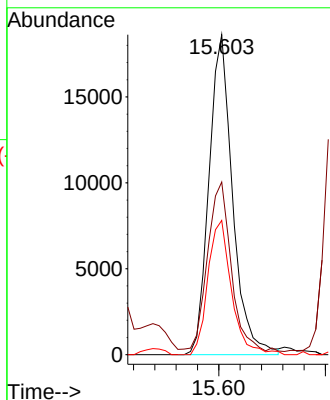
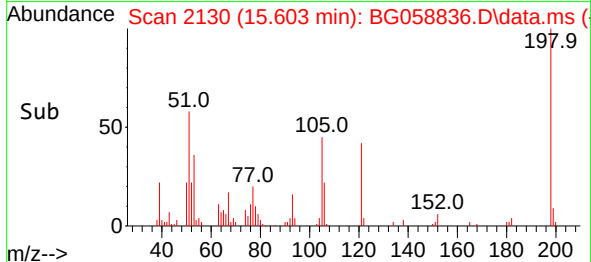
Instrument :
BNA_G
ClientSampleId :
TP-IMS



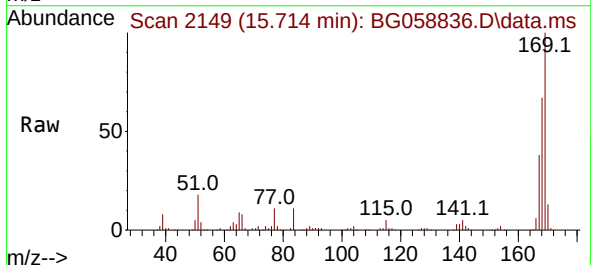
Tgt Ion:198 Resp: 28580
Ion Ratio Lower Upper
198 100
51 54.0 31.3 71.3
105 41.9 20.7 60.7

Manual Integrations
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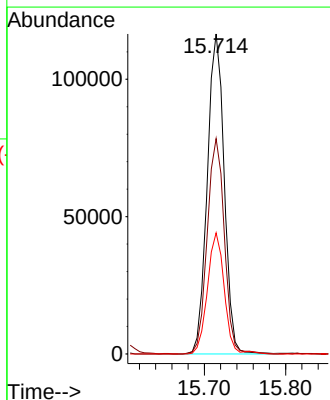
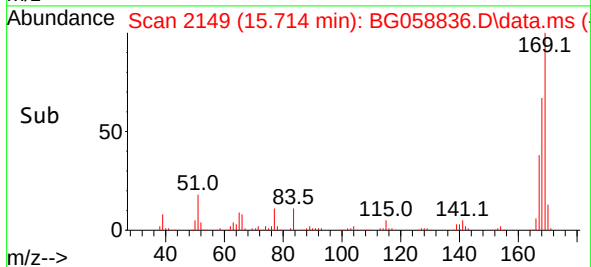
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023

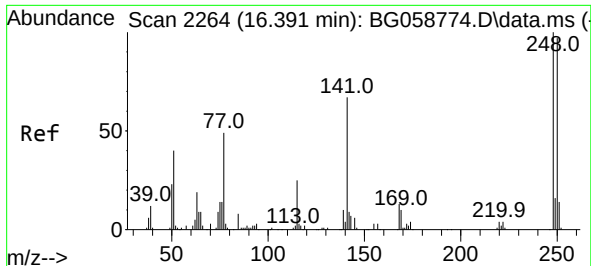


#66
n-Nitrosodiphenylamine
Concen: 46.739 ng
RT: 15.714 min Scan# 2149
Delta R.T. -0.001 min
Lab File: BG058836.D
Acq: 24 Aug 2023 13:14



Tgt Ion:169 Resp: 168351
Ion Ratio Lower Upper
169 100
168 67.3 54.4 81.6
167 37.8 31.4 47.0





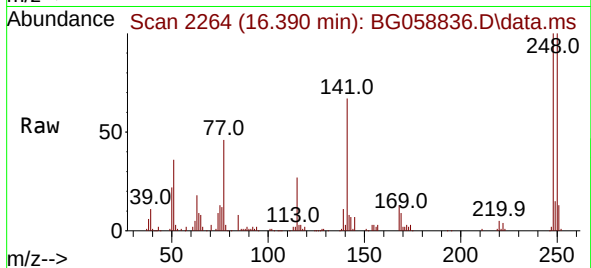
#67
4-Bromophenyl-phenylether
Concen: 46.469 ng
RT: 16.390 min Scan# 211
Delta R.T. -0.001 min
Lab File: BG058836.D
Acq: 24 Aug 2023 13:14

Instrument :

BNA_G

ClientSampleId :

TP-IMS

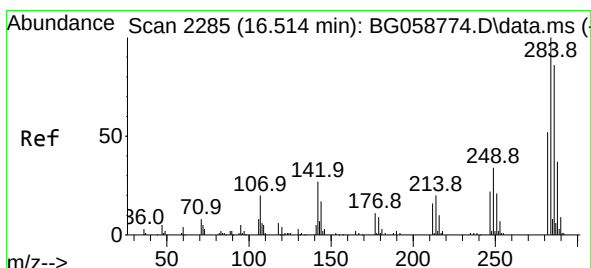
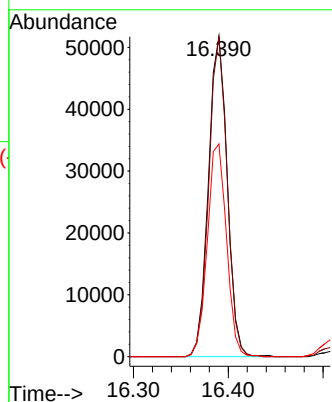
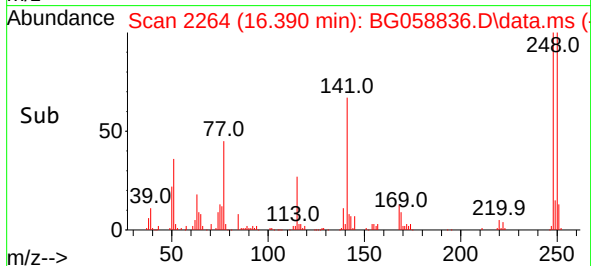


Tgt Ion:248 Resp: 7126
Ion Ratio Lower Upper
248 100
250 99.8 77.7 116.5
141 66.5 53.6 80.4

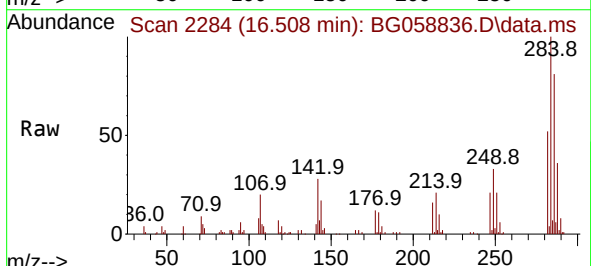
Manual Integrations

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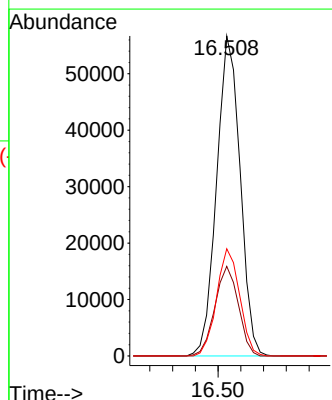
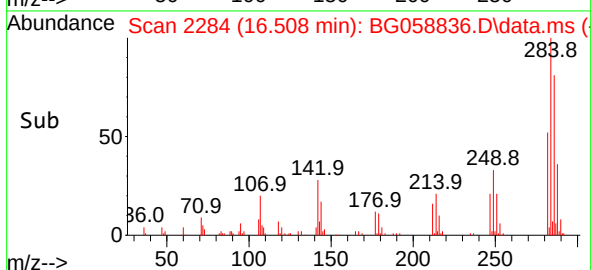
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023

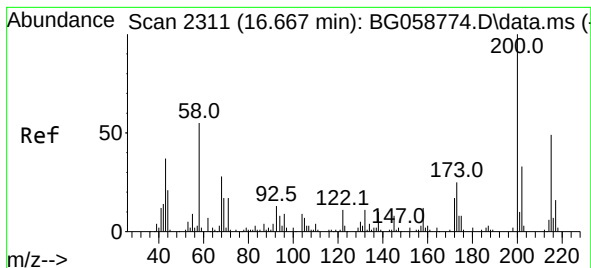


#68
Hexachlorobenzene
Concen: 49.206 ng
RT: 16.508 min Scan# 2284
Delta R.T. -0.006 min
Lab File: BG058836.D
Acq: 24 Aug 2023 13:14



Tgt Ion:284 Resp: 81216
Ion Ratio Lower Upper
284 100
142 28.0 22.0 33.0
249 33.5 27.2 40.8





#69

Atrazine

Concen: 56.686 ng

RT: 16.666 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG058836.D

Acq: 24 Aug 2023 13:14

Instrument :

BNA_G

ClientSampleId :

TP-IMS

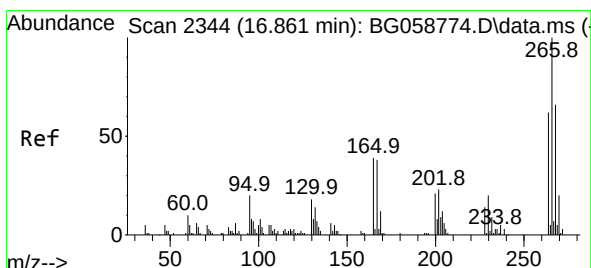
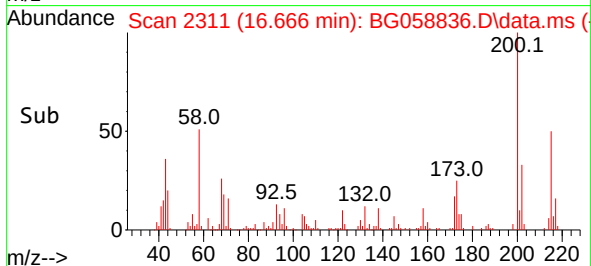
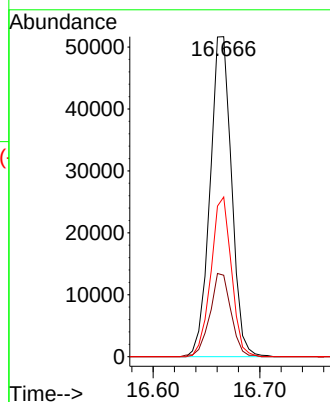
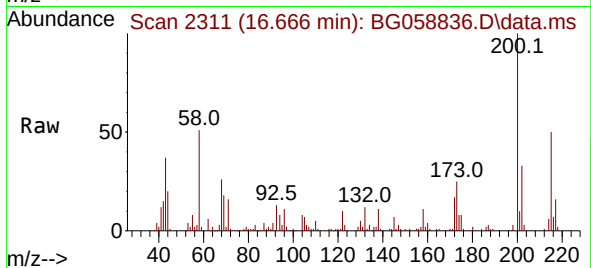
Tgt Ion:200 Resp: 72259
 Ion Ratio Lower Upper
 200 100
 173 25.4 5.3 45.3
 215 49.9 29.4 69.4

Manual Integrations

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Reviewed By :Yogesh Patel 08/25/2023

Supervised By :mohammad ahmed 08/25/2023



#70

Pentachlorophenol

Concen: 74.203 ng

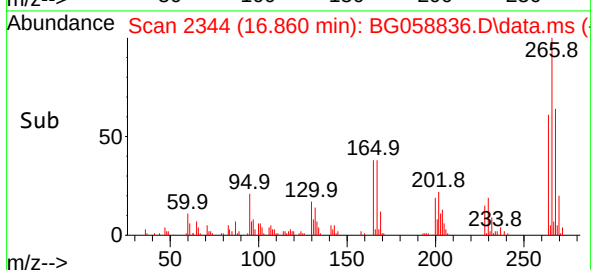
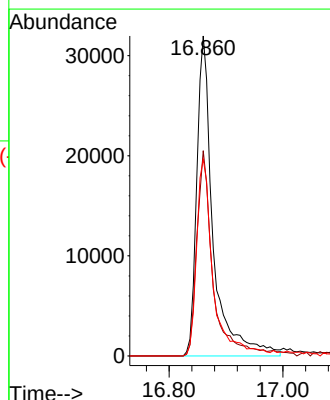
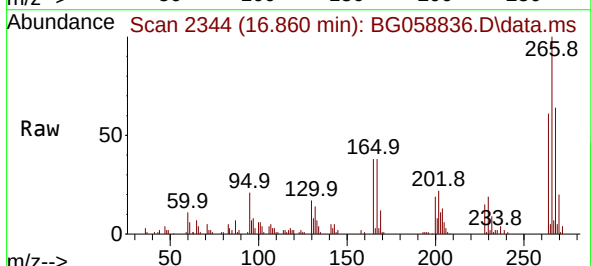
RT: 16.860 min Scan# 2344

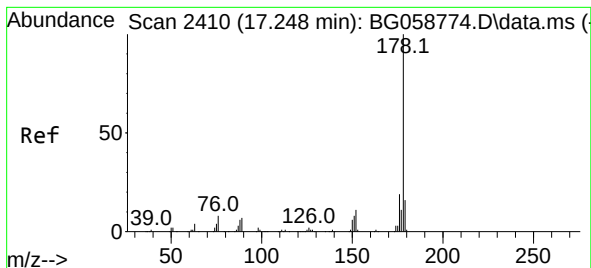
Delta R.T. -0.001 min

Lab File: BG058836.D

Acq: 24 Aug 2023 13:14

Tgt Ion:266 Resp: 64221
 Ion Ratio Lower Upper
 266 100
 268 64.1 52.7 79.1
 264 61.5 49.5 74.3





#71

Phenanthrene

Concen: 47.433 ng

RT: 17.242 min Scan# 2410

Delta R.T. -0.006 min

Lab File: BG058836.D

Acq: 24 Aug 2023 13:14

Instrument :

BNA_G

ClientSampleId :

TP-IMS

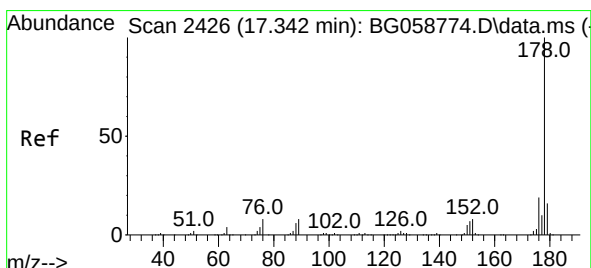
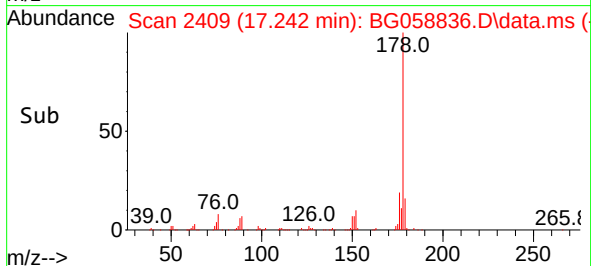
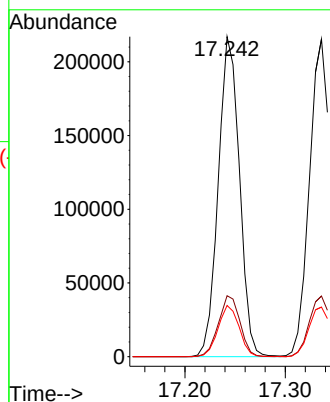
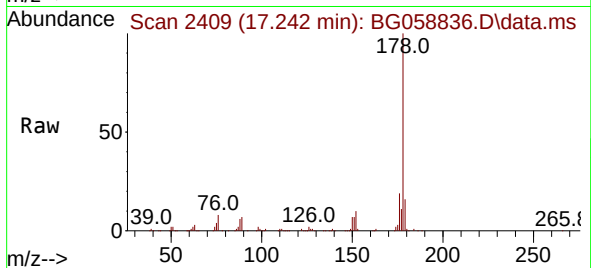
Tgt Ion:178 Resp: 318235
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.5 23.3
 179 16.0 13.0 19.4

Manual Integrations

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Reviewed By :Yogesh Patel 08/25/2023

Supervised By :mohammad ahmed 08/25/2023



#72

Anthracene

Concen: 47.778 ng

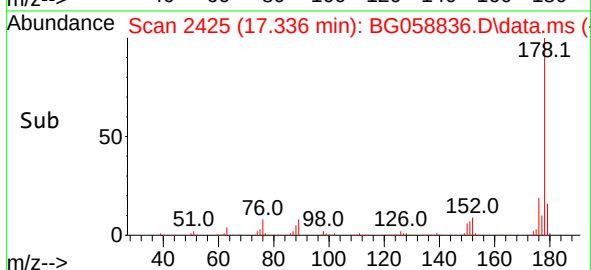
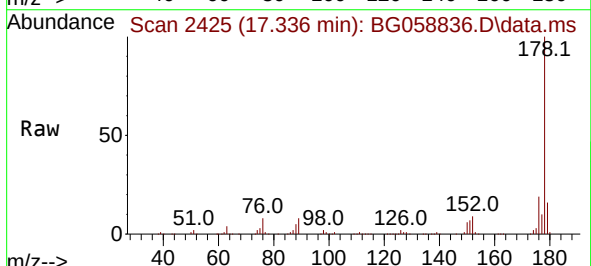
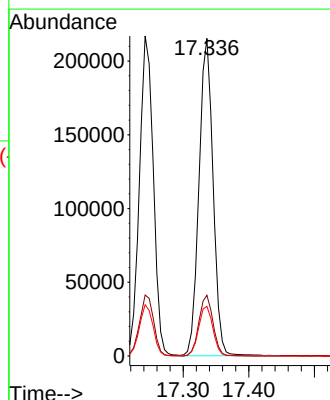
RT: 17.336 min Scan# 2425

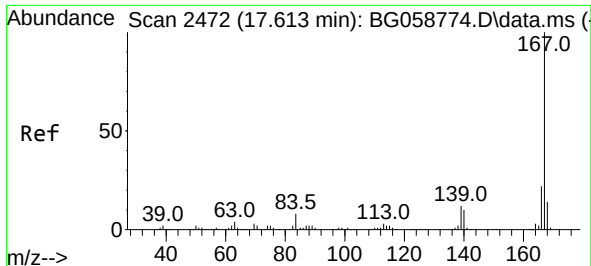
Delta R.T. -0.006 min

Lab File: BG058836.D

Acq: 24 Aug 2023 13:14

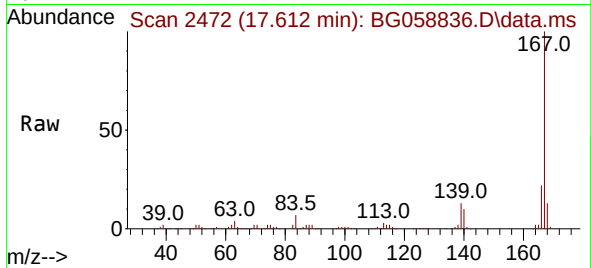
Tgt Ion:178 Resp: 321495
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.6 12.9 19.3





#73
 Carbazole
 Concen: 49.896 ng
 RT: 17.612 min Scan# 2472
 Delta R.T. -0.000 min
 Lab File: BG058836.D
 Acq: 24 Aug 2023 13:14

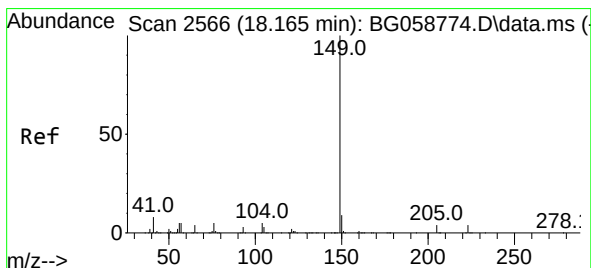
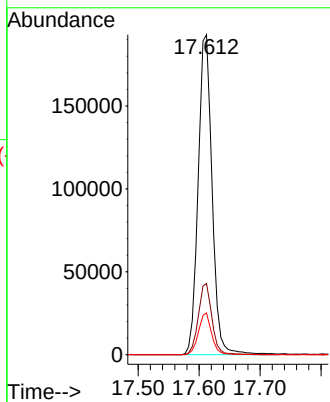
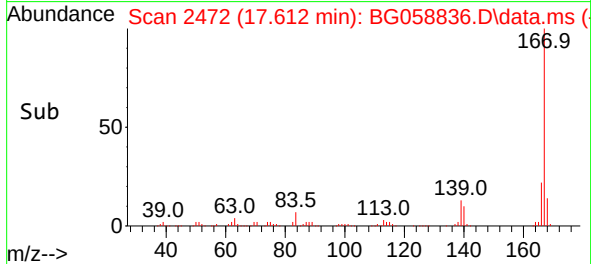
Instrument :
 BNA_G
 ClientSampleId :
 TP-IMS



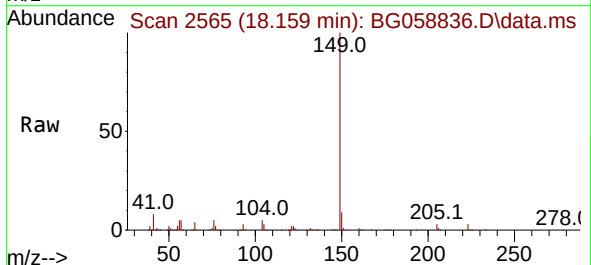
Tgt Ion:167 Resp: 30745
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.4 26.2
 139 13.1 9.7 14.5

Manual Integrations
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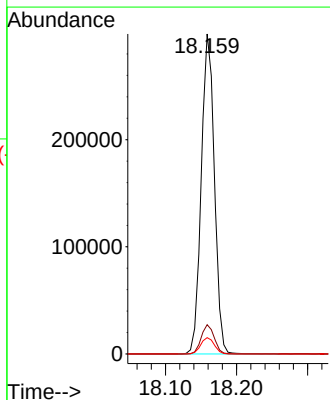
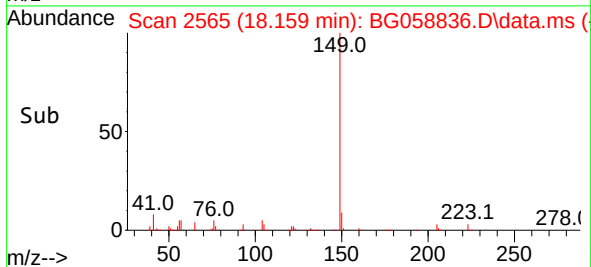
Reviewed By :Yogesh Patel 08/25/2023
 Supervised By :mohammad ahmed 08/25/2023

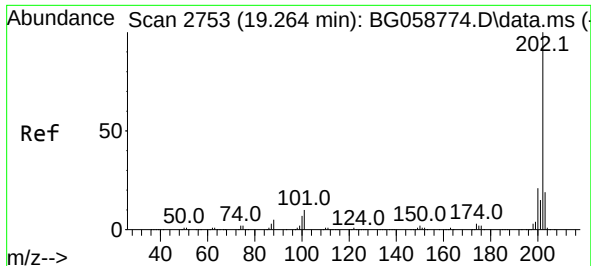


#74
 Di-n-butylphthalate
 Concen: 49.462 ng
 RT: 18.159 min Scan# 2565
 Delta R.T. -0.006 min
 Lab File: BG058836.D
 Acq: 24 Aug 2023 13:14



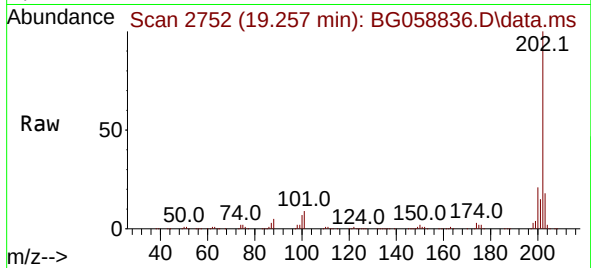
Tgt Ion:149 Resp: 384479
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.3 10.9
 104 5.1 4.3 6.5





#75
Fluoranthene
Concen: 48.092 ng
RT: 19.257 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG058836.D
Acq: 24 Aug 2023 13:14

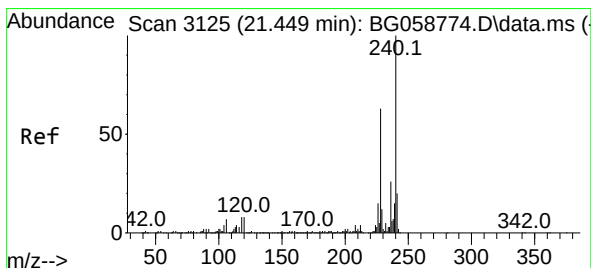
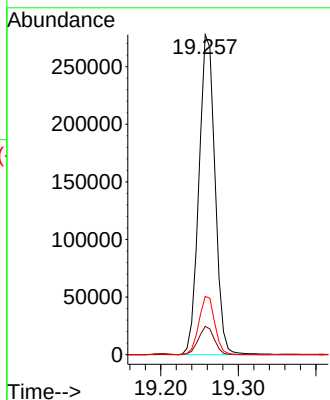
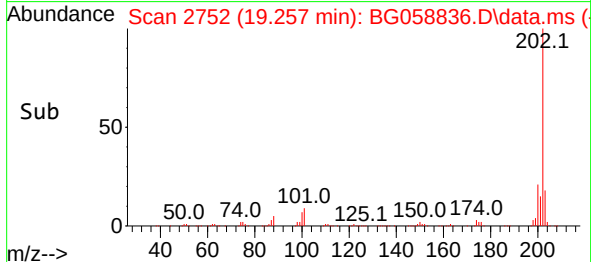
Instrument :
BNA_G
ClientSampleId :
TP-IMS



Tgt Ion:202 Resp: 400124
Ion Ratio Lower Upper
202 100
101 8.9 0.0 29.7
203 18.2 0.0 38.7

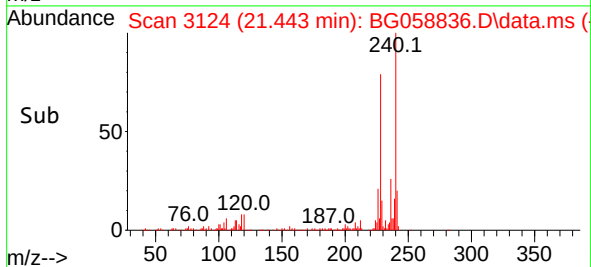
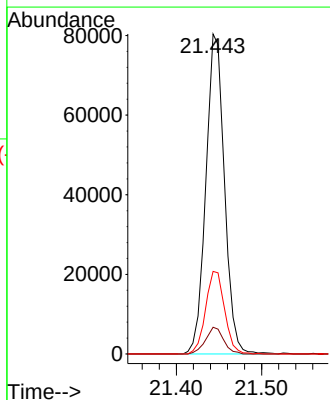
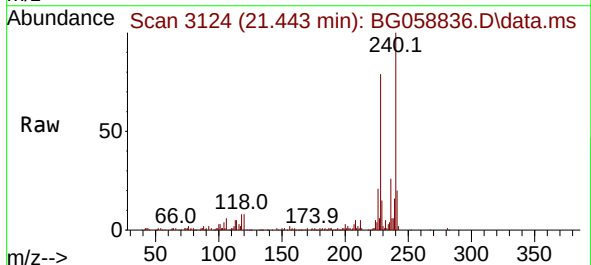
Manual Integrations
APPROVED

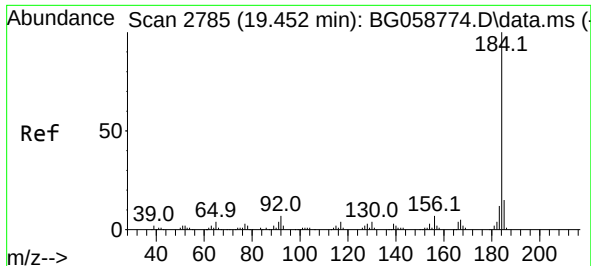
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.443 min Scan# 3124
Delta R.T. -0.006 min
Lab File: BG058836.D
Acq: 24 Aug 2023 13:14

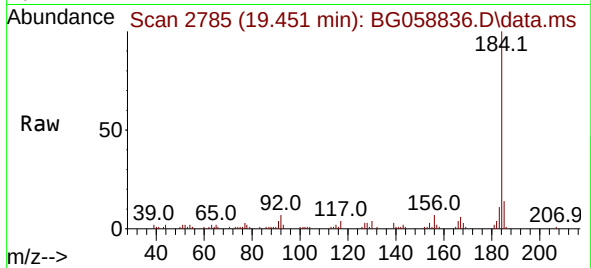
Tgt Ion:240 Resp: 121756
Ion Ratio Lower Upper
240 100
120 8.4 6.2 9.2
236 25.8 20.5 30.7





#77
Benzidine
Concen: 24.810 ng
RT: 19.451 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG058836.D
Acq: 24 Aug 2023 13:14

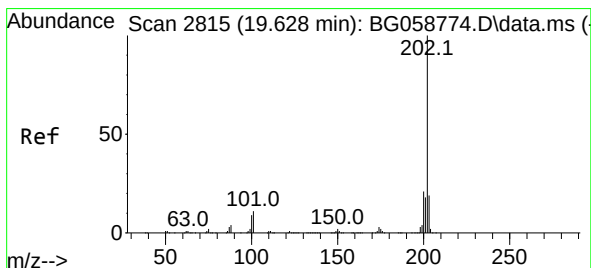
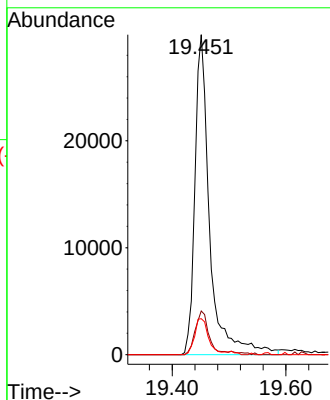
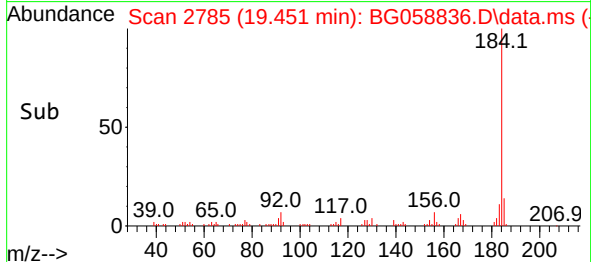
Instrument :
BNA_G
ClientSampleId :
TP-IMS



Tgt Ion:184 Resp: 54138
Ion Ratio Lower Upper
184 100
185 13.7 11.9 17.9
183 11.3 10.0 15.0

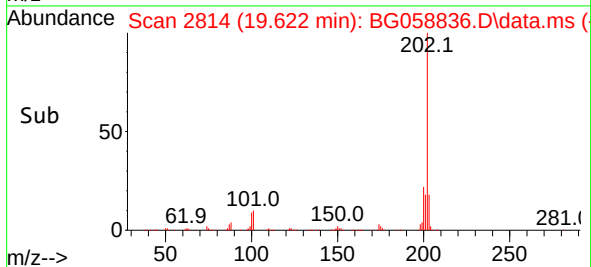
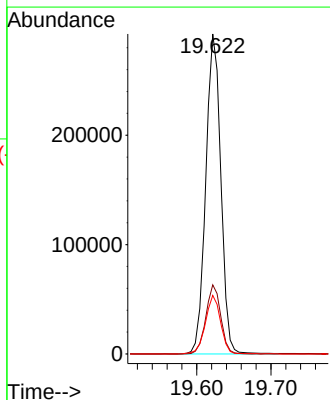
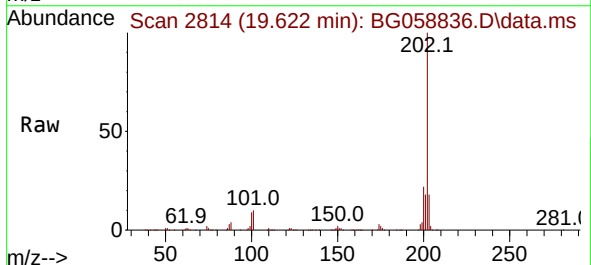
Manual Integrations
APPROVED

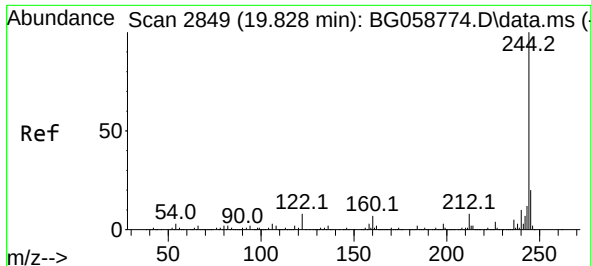
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#78
Pyrene
Concen: 48.722 ng
RT: 19.622 min Scan# 2814
Delta R.T. -0.006 min
Lab File: BG058836.D
Acq: 24 Aug 2023 13:14

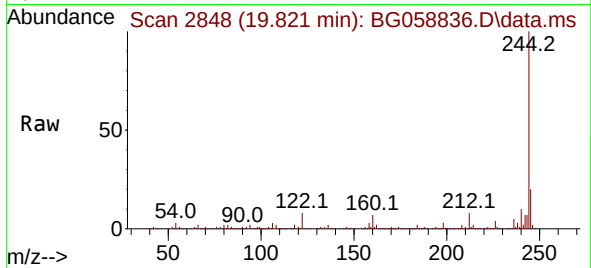
Tgt Ion:202 Resp: 413340
Ion Ratio Lower Upper
202 100
200 21.6 16.7 25.1
203 18.3 15.3 22.9





#79
 Terphenyl-d14
 Concen: 94.674 ng
 RT: 19.821 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG058836.D
 Acq: 24 Aug 2023 13:14

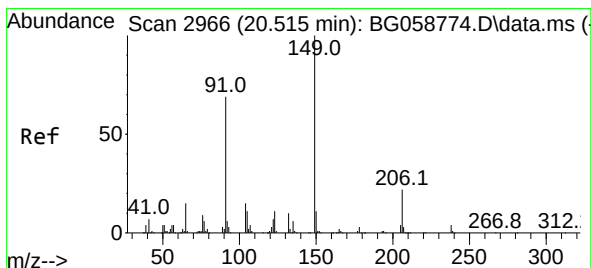
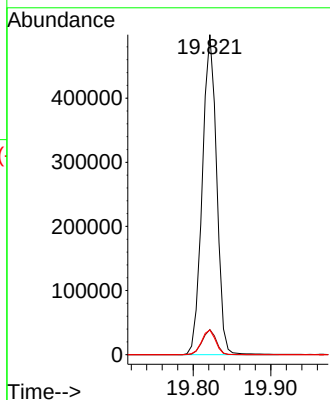
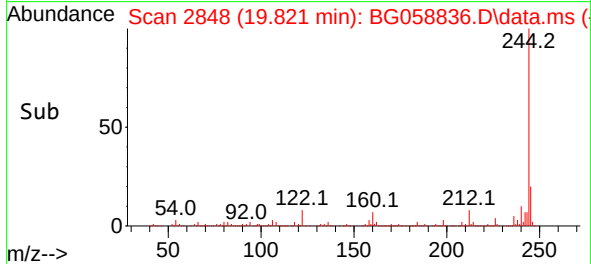
Instrument :
 BNA_G
 ClientSampleId :
 TP-IMS



Tgt Ion:244 Resp: 641960
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 7.7 6.3 9.5

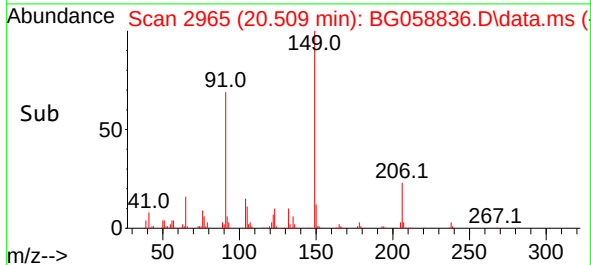
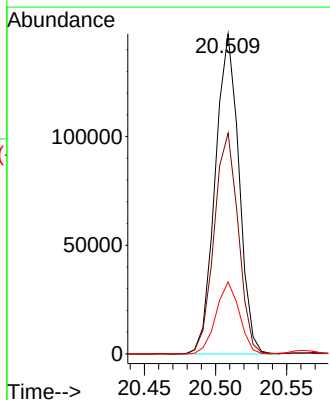
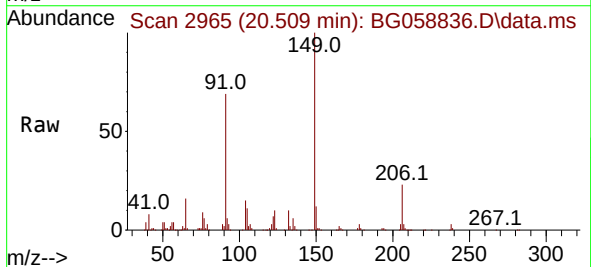
Manual Integrations
 APPROVED

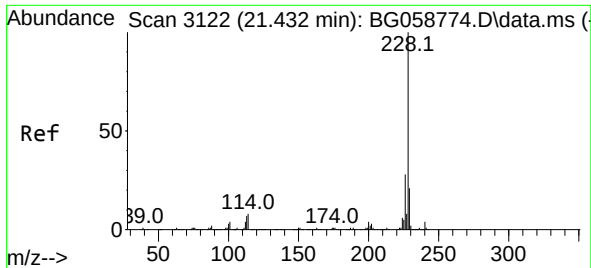
Reviewed By :Yogesh Patel 08/25/2023
 Supervised By :mohammad ahmed 08/25/2023



#80
 Butylbenzylphthalate
 Concen: 49.602 ng
 RT: 20.509 min Scan# 2965
 Delta R.T. -0.006 min
 Lab File: BG058836.D
 Acq: 24 Aug 2023 13:14

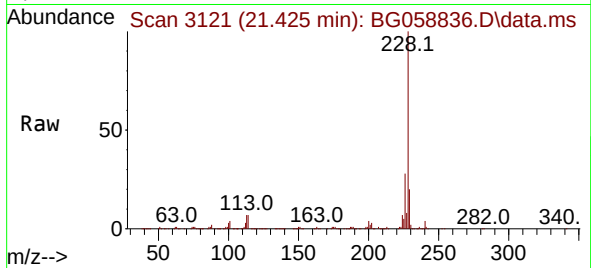
Tgt Ion:149 Resp: 170663
 Ion Ratio Lower Upper
 149 100
 91 69.0 55.0 82.4
 206 22.5 17.6 26.4





#81
Benzo(a)anthracene
Concen: 48.725 ng
RT: 21.425 min Scan# 3122
Delta R.T. -0.006 min
Lab File: BG058836.D
Acq: 24 Aug 2023 13:14

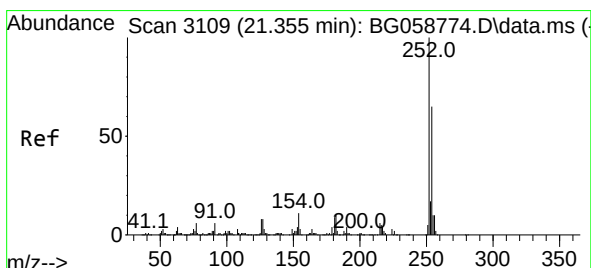
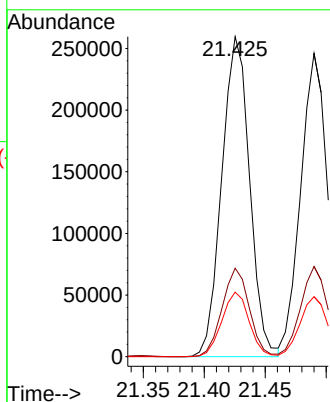
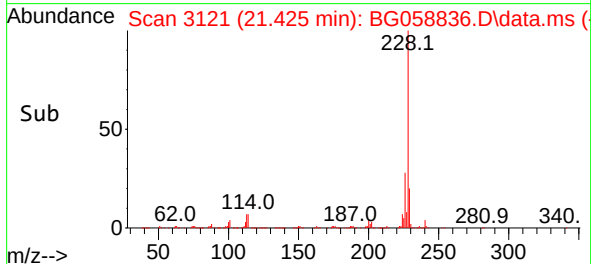
Instrument :
BNA_G
ClientSampleId :
TP-IMS



Tgt Ion:228 Resp: 412964
Ion Ratio Lower Upper
228 100
226 27.7 22.6 33.8
229 20.1 16.8 25.2

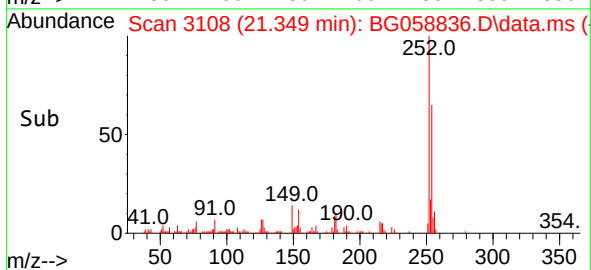
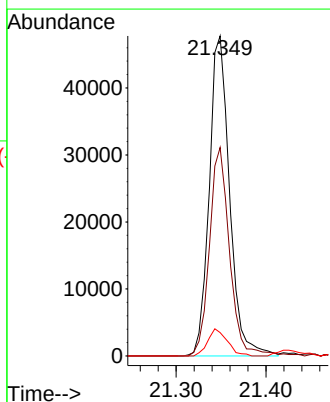
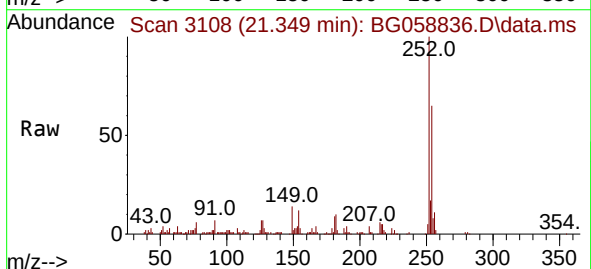
Manual Integrations
APPROVED

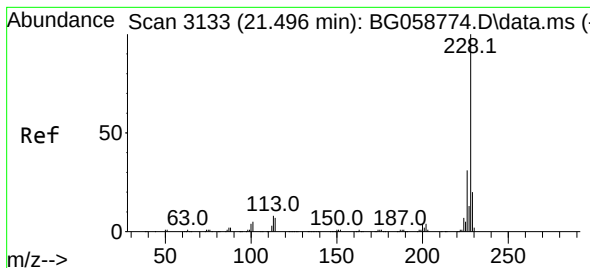
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#82
3,3'-Dichlorobenzidine
Concen: 25.707 ng
RT: 21.349 min Scan# 3108
Delta R.T. -0.006 min
Lab File: BG058836.D
Acq: 24 Aug 2023 13:14

Tgt Ion:252 Resp: 75220
Ion Ratio Lower Upper
252 100
254 65.2 51.8 77.6
126 7.3 6.6 9.8





#83

Chrysene

Concen: 46.534 ng

RT: 21.490 min Scan# 31

Delta R.T. -0.006 min

Lab File: BG058836.D

Acq: 24 Aug 2023 13:14

Instrument :

BNA_G

ClientSampleId :

TP-IMS

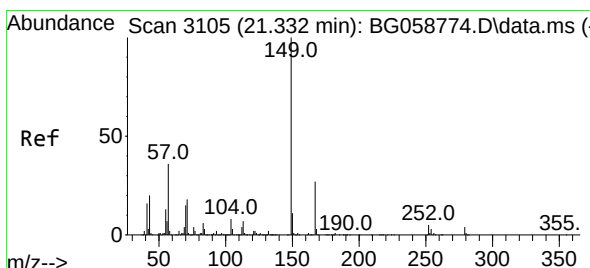
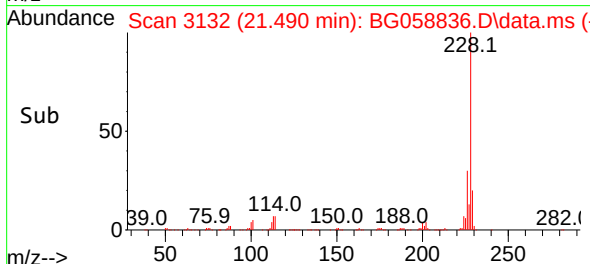
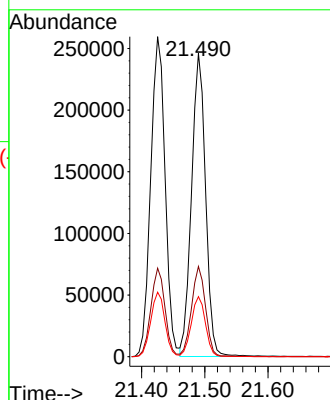
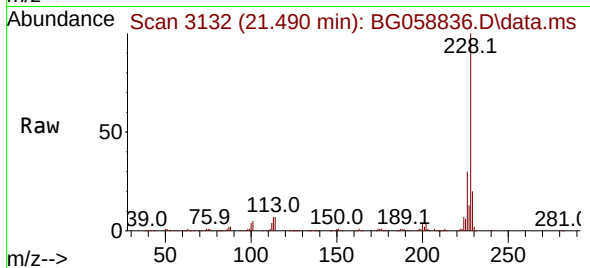
Tgt Ion:	228	Resp:	38014
Ion Ratio	Lower	Upper	
228	100		
226	29.8	24.4	36.6
229	19.8	16.3	24.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/25/2023

Supervised By :mohammad ahmed 08/25/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.890 ng

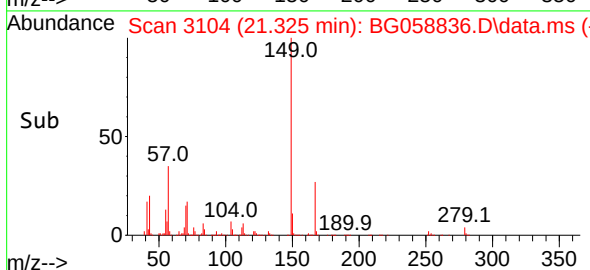
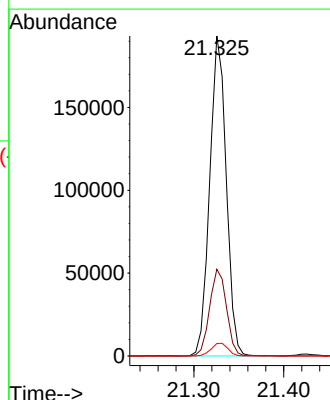
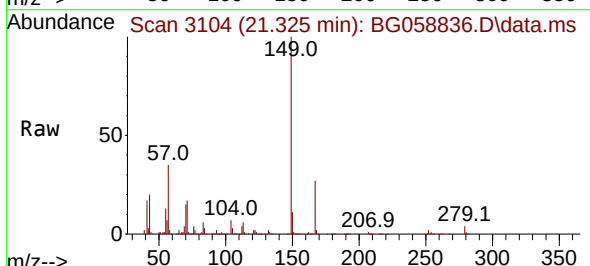
RT: 21.325 min Scan# 3104

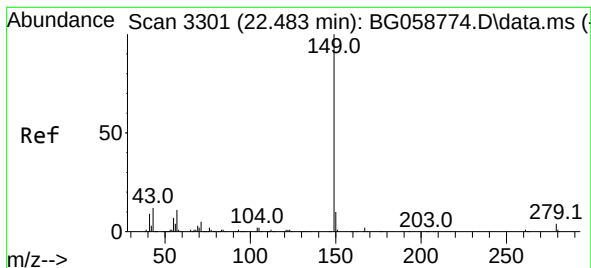
Delta R.T. -0.006 min

Lab File: BG058836.D

Acq: 24 Aug 2023 13:14

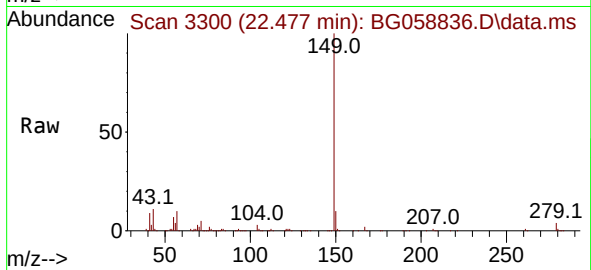
Tgt Ion:	149	Resp:	246711
Ion Ratio	Lower	Upper	
149	100		
167	27.1	21.7	32.5
279	3.9	3.2	4.8





#85
Di-n-octyl phthalate
Concen: 49.994 ng
RT: 22.477 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG058836.D
Acq: 24 Aug 2023 13:14

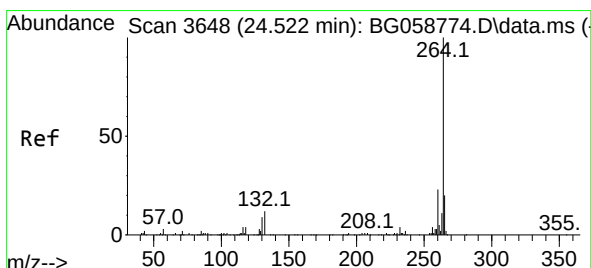
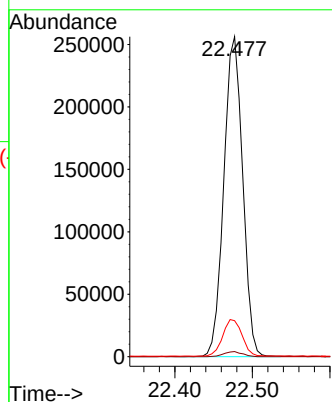
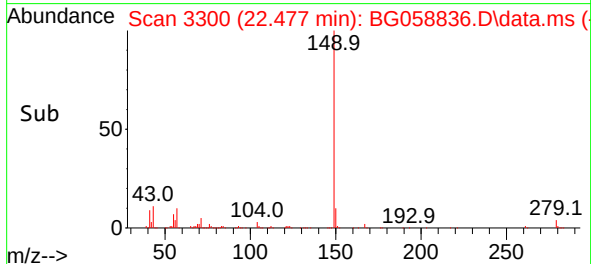
Instrument :
BNA_G
ClientSampleId :
TP-IMS



Tgt Ion:149 Resp: 433925
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.8 9.7 14.5

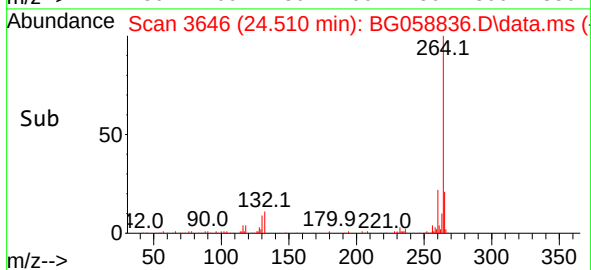
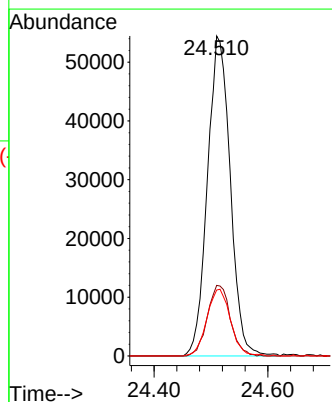
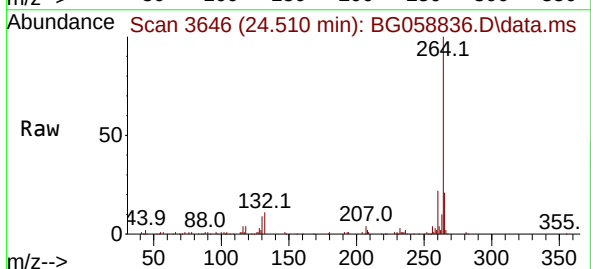
Manual Integrations
APPROVED

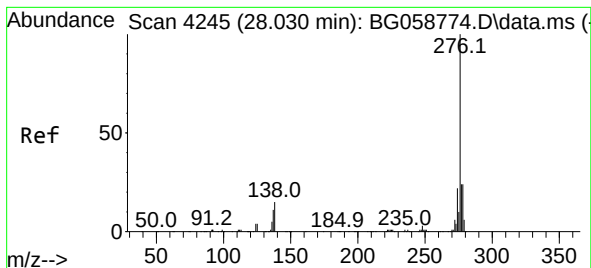
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.510 min Scan# 3646
Delta R.T. -0.012 min
Lab File: BG058836.D
Acq: 24 Aug 2023 13:14

Tgt Ion:264 Resp: 151272
Ion Ratio Lower Upper
264 100
260 22.1 18.2 27.2
265 20.6 16.4 24.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.288 ng

RT: 28.018 min Scan# 41

Delta R.T. -0.012 min

Lab File: BG058836.D

Acq: 24 Aug 2023 13:14

Instrument :

BNA_G

ClientSampleId :

TP-IMS

Tgt Ion:276 Resp: 504440

Ion Ratio Lower Upper

276 100

138 8.8 6.2 9.2

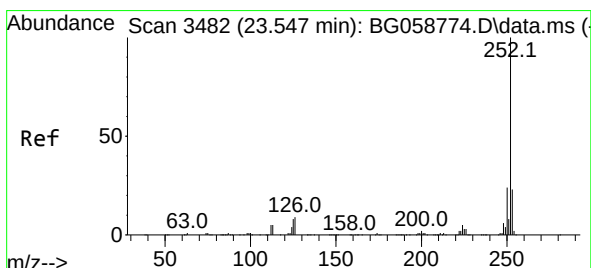
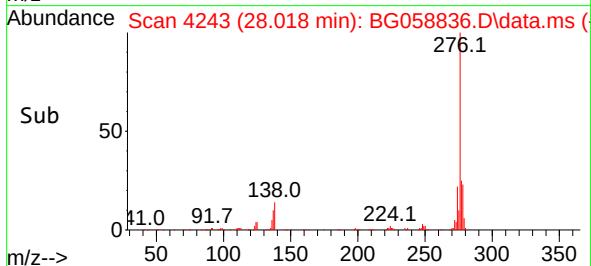
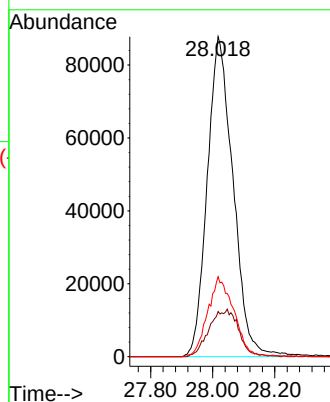
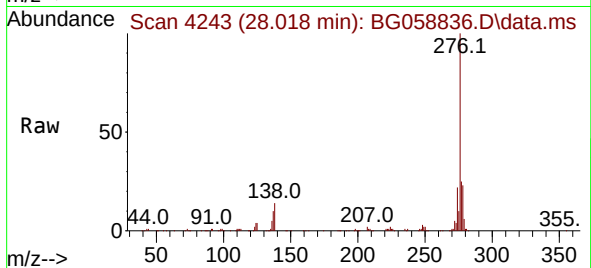
277 25.3 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/25/2023

Supervised By :mohammad ahmed 08/25/2023



#88

Benzo(b)fluoranthene

Concen: 51.593 ng

RT: 23.541 min Scan# 3481

Delta R.T. -0.006 min

Lab File: BG058836.D

Acq: 24 Aug 2023 13:14

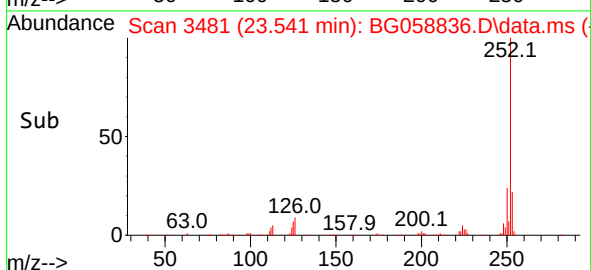
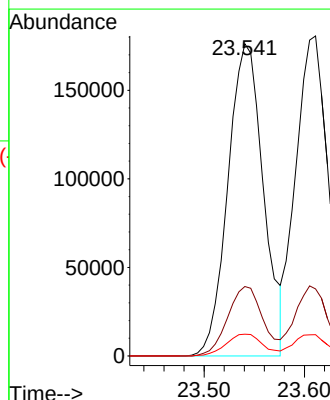
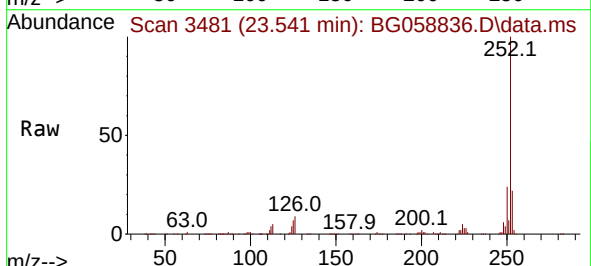
Tgt Ion:252 Resp: 433039

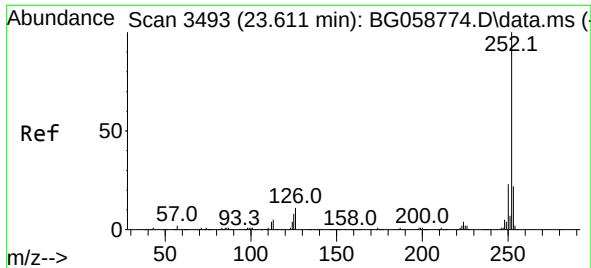
Ion Ratio Lower Upper

252 100

253 22.3 18.4 27.6

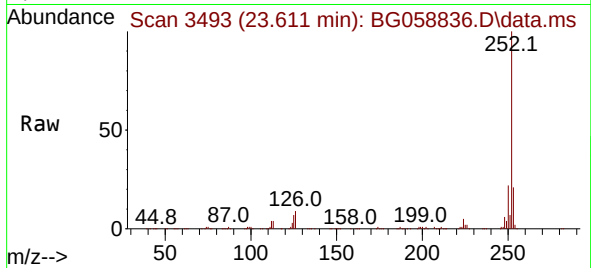
125 7.0 6.2 9.2





#89
Benzo(k)fluoranthene
Concen: 46.576 ng
RT: 23.611 min Scan# 3493
Delta R.T. -0.000 min
Lab File: BG058836.D
Acq: 24 Aug 2023 13:14

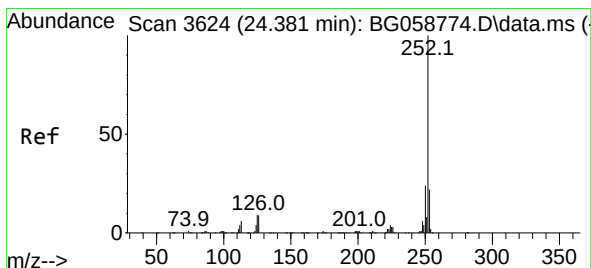
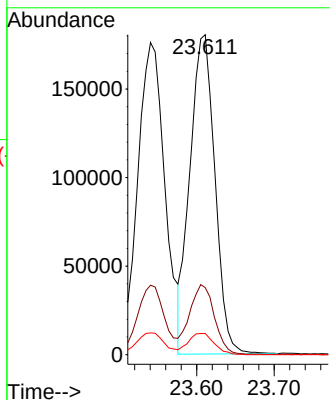
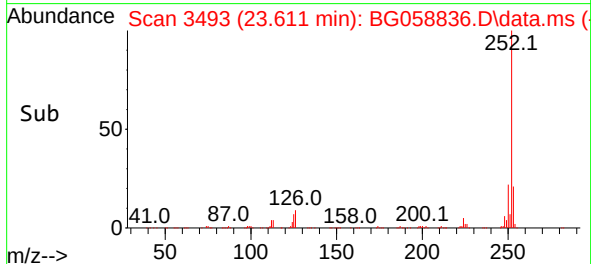
Instrument :
BNA_G
ClientSampleId :
TP-IMS



Tgt Ion:252 Resp: 403162
Ion Ratio Lower Upper
252 100
253 21.0 17.6 26.4
125 6.7 6.3 9.5

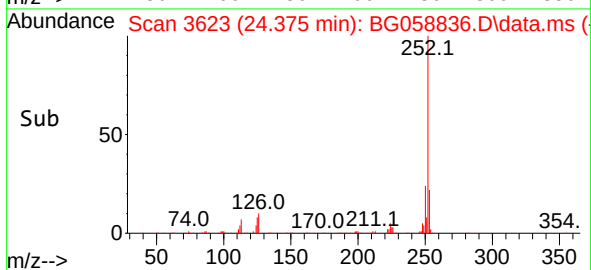
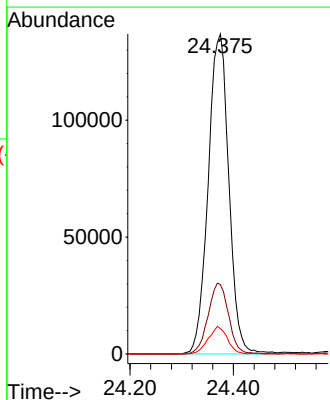
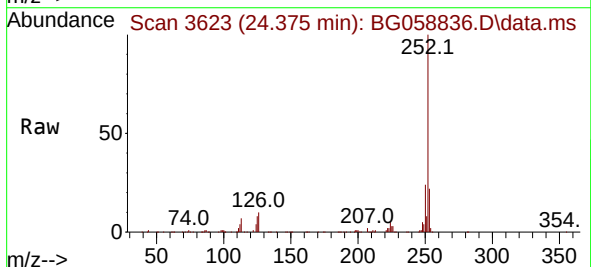
Manual Integrations
APPROVED

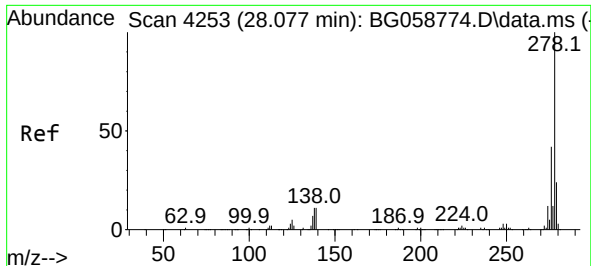
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#90
Benzo(a)pyrene
Concen: 45.932 ng
RT: 24.375 min Scan# 3623
Delta R.T. -0.006 min
Lab File: BG058836.D
Acq: 24 Aug 2023 13:14

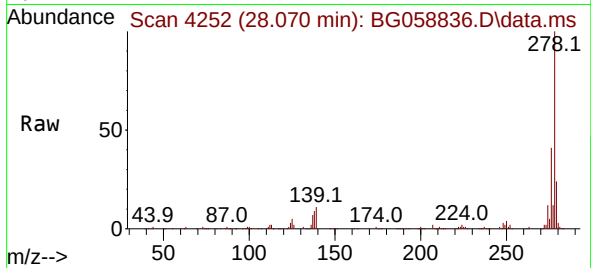
Tgt Ion:252 Resp: 379601
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 7.9 6.8 10.2





#91
Dibenzo(a,h)anthracene
Concen: 50.280 ng
RT: 28.070 min Scan# 41
Delta R.T. -0.006 min
Lab File: BG058836.D
Acq: 24 Aug 2023 13:14

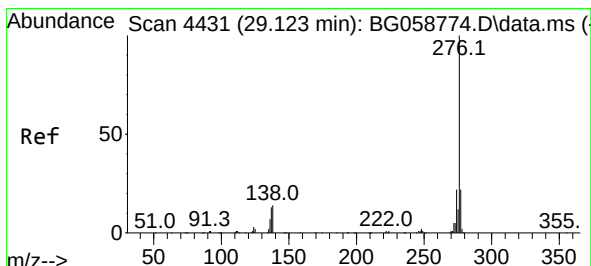
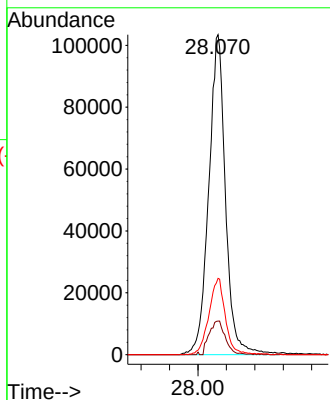
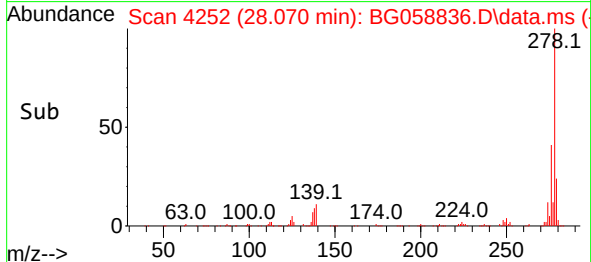
Instrument :
BNA_G
ClientSampleId :
TP-IMS



Tgt Ion:278 Resp: 42284
Ion Ratio Lower Upper
278 100
139 10.5 8.9 13.3
279 23.8 19.0 28.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#92
Benzo(g,h,i)perylene
Concen: 48.746 ng
RT: 29.110 min Scan# 4429
Delta R.T. -0.012 min
Lab File: BG058836.D
Acq: 24 Aug 2023 13:14

Tgt Ion:276 Resp: 409870
Ion Ratio Lower Upper
276 100
277 24.3 17.8 26.6
138 14.5 11.1 16.7

