

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040524\
 Data File : BG060795.D
 Acq On : 5 Apr 2024 14:20
 Operator : MA/JU
 Sample : P1996-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP1MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/08/2024
 Supervised By :mohammad ahmed 04/08/2024

Quant Time: Apr 06 01:41:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 03:12:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	60065	20.000	ng	0.00
21) Naphthalene-d8	10.752	136	246977	20.000	ng	0.00
39) Acenaphthene-d10	14.582	164	192165	20.000	ng	0.00
64) Phenanthrene-d10	17.332	188	458734	20.000	ng	0.00
76) Chrysene-d12	21.598	240	415914	20.000	ng	0.00
86) Perylene-d12	24.735	264	497791	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	347293	96.321	ng	0.00
7) Phenol-d6	7.121	99	506203	94.581	ng	0.00
23) Nitrobenzene-d5	9.107	82	315547	72.904	ng	0.00
42) 2,4,6-Tribromophenol	16.075	330	280101	128.405	ng	0.00
45) 2-Fluorobiphenyl	13.213	172	776048	59.269	ng	0.00
79) Terphenyl-d14	19.959	244	1424599	60.313	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.460	88	60529	40.946	ng	95
3) Pyridine	3.848	79	162578	36.461	ng	95
4) n-Nitrosodimethylamine	3.766	42	128022	48.032	ng	93
6) Aniline	7.279	93	143366	21.212	ng	98
8) 2-Chlorophenol	7.520	128	196328	48.030	ng	96
9) Benzaldehyde	7.091	77	21671m	7.343	ng	
10) Phenol	7.144	94	260047	47.609	ng	97
11) bis(2-Chloroethyl)ether	7.379	93	177182	40.178	ng	99
12) 1,3-Dichlorobenzene	7.843	146	200163	47.088	ng	96
13) 1,4-Dichlorobenzene	7.990	146	206428	47.599	ng	96
14) 1,2-Dichlorobenzene	8.307	146	199825	47.017	ng	99
15) Benzyl Alcohol	8.190	79	190729	43.994	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.478	45	424436	42.647	ng	100
17) 2-Methylphenol	8.396	107	175205	42.490	ng	99
18) Hexachloroethane	9.042	117	72604	47.138	ng	91
19) n-Nitroso-di-n-propyla...	8.760	70	159007	38.958	ng	# 96
20) 3+4-Methylphenols	8.719	107	241741	42.813	ng	94
22) Acetophenone	8.772	105	306656	45.030	ng	# 98
24) Nitrobenzene	9.148	77	226789	47.126	ng	97
25) Isophorone	9.676	82	422441	42.375	ng	99
26) 2-Nitrophenol	9.864	139	102212	58.079	ng	94
27) 2,4-Dimethylphenol	9.923	122	147651	36.870	ng	98
28) bis(2-Chloroethoxy)met...	10.164	93	246305	41.849	ng	98
29) 2,4-Dichlorophenol	10.399	162	194906	53.001	ng	98
30) 1,2,4-Trichlorobenzene	10.617	180	205990	49.469	ng	97
31) Naphthalene	10.805	128	599440	44.868	ng	98
32) Benzoic acid	10.064	122	154078	56.429	ng	94
33) 4-Chloroaniline	10.904	127	80774	13.017	ng	98
34) Hexachlorobutadiene	11.098	225	140707	50.702	ng	96
35) Caprolactam	11.674	113	70421m	48.350	ng	
36) 4-Chloro-3-methylphenol	12.033	107	233474	49.699	ng	98
37) 2-Methylnaphthalene	12.409	142	428885	43.665	ng	98
38) 1-Methylnaphthalene	12.626	142	402196	43.345	ng	94
40) 1,2,4,5-Tetrachloroben...	12.779	216	268734	48.644	ng	100
41) Hexachlorocyclopentadiene	12.761	237	285526	101.643	ng	100
43) 2,4,6-Trichlorophenol	13.014	196	196395	55.209	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.090	196	215640	50.795	ng	98
46) 1,1'-Biphenyl	13.419	154	617654	45.505	ng	98
47) 2-Chloronaphthalene	13.460	162	487487	47.271	ng	97
48) 2-Nitroaniline	13.654	65	187715	54.812	ng	98
49) Acenaphthylene	14.306	152	839510	48.449	ng	100
50) Dimethylphthalate	14.048	163	673139	44.318	ng	100
51) 2,6-Dinitrotoluene	14.154	165	143008	52.252	ng	95
52) Acenaphthene	14.653	154	568208m	52.228	ng	
53) 3-Nitroaniline	14.483	138	81433	28.526	ng	97
54) 2,4-Dinitrophenol	14.688	184	174587	165.135	ng	86
55) Dibenzofuran	14.988	168	788016	45.920	ng	100
56) 4-Nitrophenol	14.794	139	257178	115.823	ng	98
57) 2,4-Dinitrotoluene	14.947	165	210045	58.043	ng	90
58) Fluorene	15.634	166	649153	47.133	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.211	232	209490	56.624	ng	97
60) Diethylphthalate	15.417	149	674757	44.156	ng	98
61) 4-Chlorophenyl-phenyle...	15.628	204	338797	46.497	ng	97
62) 4-Nitroaniline	15.646	138	148487	53.470	ng	95
63) Azobenzene	15.928	77	665777	44.711	ng	96
65) 4,6-Dinitro-2-methylph...	15.705	198	124965	63.370	ng	95
66) n-Nitrosodiphenylamine	15.846	169	606495	46.266	ng	97
67) 4-Bromophenyl-phenylether	16.527	248	240637	51.688	ng	98
68) Hexachlorobenzene	16.639	284	271363	51.634	ng	99
69) Atrazine	16.798	200	231597	50.521	ng	98
70) Pentachlorophenol	16.980	266	374940	109.337	ng	98
71) Phenanthrene	17.373	178	1101664	46.176	ng	100
72) Anthracene	17.467	178	1136349	46.900	ng	100
73) Carbazole	17.732	167	981729	45.956	ng	99
74) Di-n-butylphthalate	18.313	149	1199538	45.040	ng	100
75) Fluoranthene	19.389	202	1319817	45.589	ng	97
77) Benzidine	19.565	184	489007	44.650	ng	97
78) Pyrene	19.747	202	1365680	46.950	ng	99
80) Butylbenzylphthalate	20.658	149	535101	50.429	ng	92
81) Benzo(a)anthracene	21.580	228	1403991	47.889	ng	99
82) 3,3'-Dichlorobenzidine	21.498	252	355187	35.880	ng	98
83) Chrysene	21.645	228	1335543	47.263	ng	98
84) Bis(2-ethylhexyl)phtha...	21.521	149	781836	46.228	ng	97
85) Di-n-octyl phthalate	22.720	149	1373338	49.845	ng	99
87) Indeno(1,2,3-cd)pyrene	28.313	276	1751554	49.966	ng	# 96
88) Benzo(b)fluoranthene	23.748	252	1411761	49.366	ng	98
89) Benzo(k)fluoranthene	23.819	252	1369039	46.771	ng	98
90) Benzo(a)pyrene	24.594	252	1325963	47.711	ng	98
91) Dibenzo(a,h)anthracene	28.384	278	1433202	48.501	ng	97
92) Benzo(g,h,i)perylene	29.412	276	1329743	46.259	ng	97

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

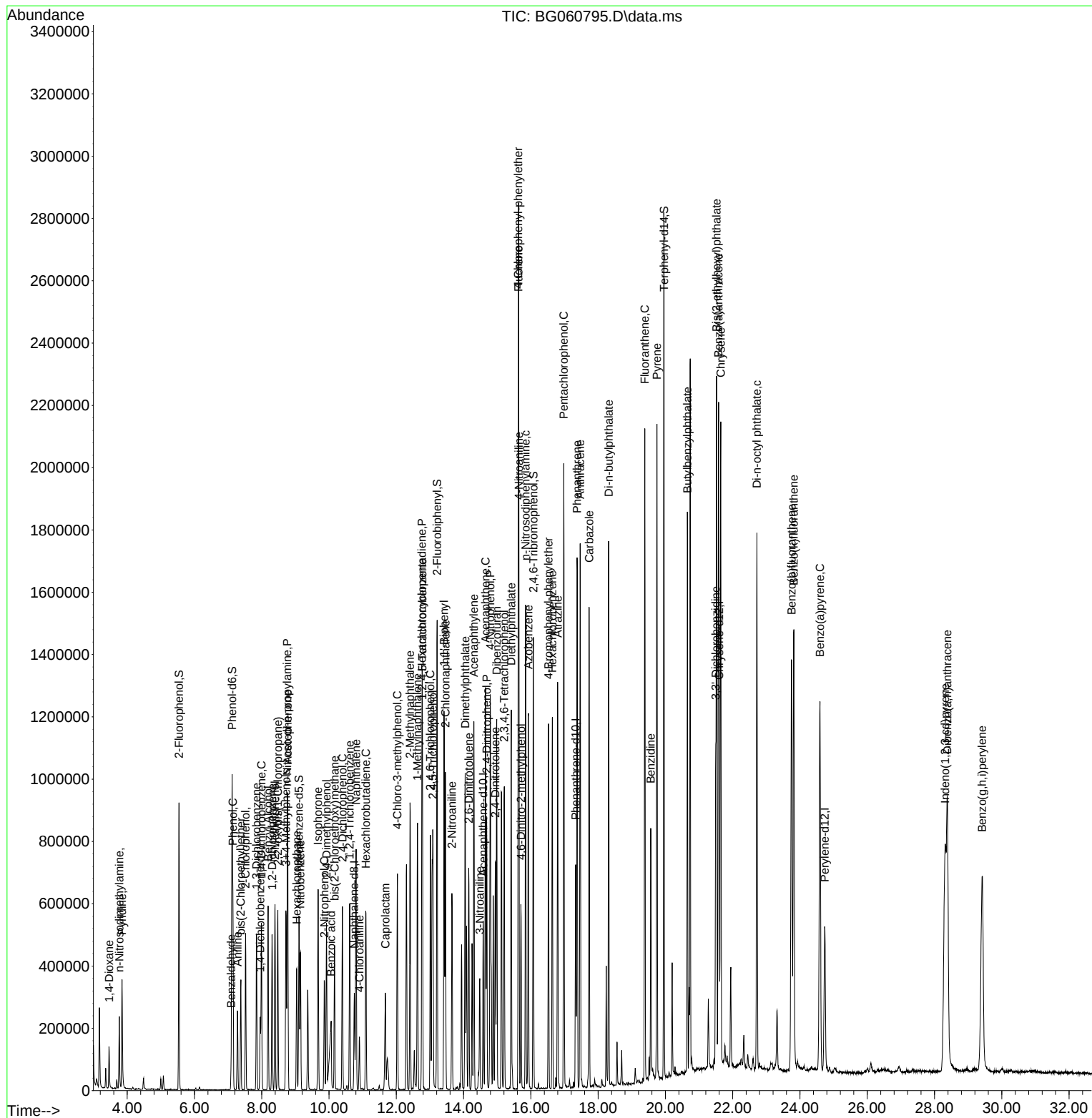
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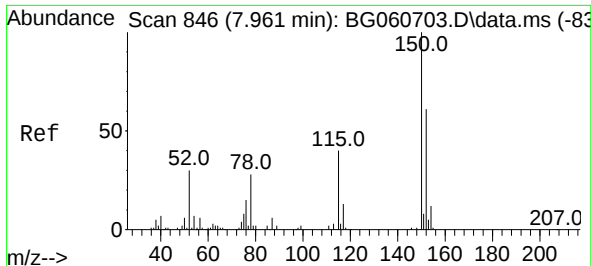
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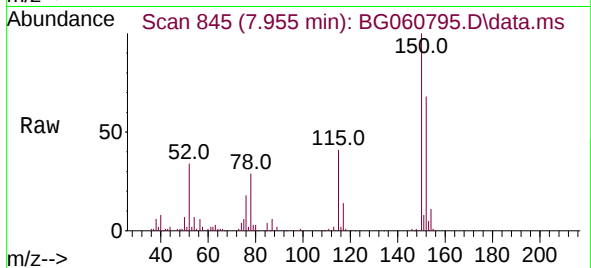
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.955 min Scan# 84
Delta R.T. -0.006 min
Lab File: BG060795.D
Acq: 5 Apr 2024 14:20

Instrument :

BNA_G

ClientSampleId :

TP1MS

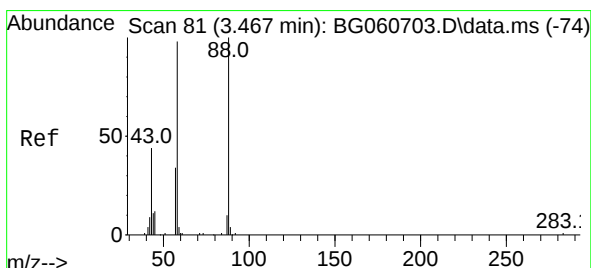
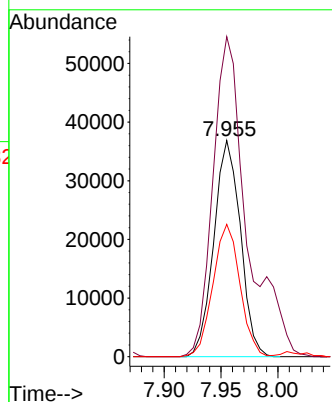
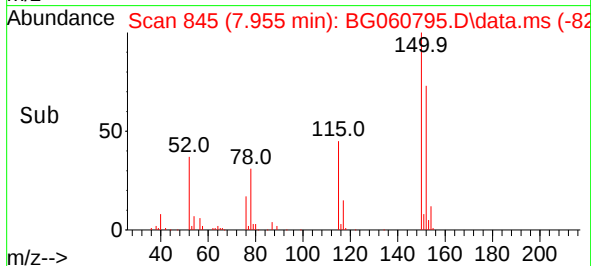


Tgt Ion:152 Resp: 6006
Ion Ratio Lower Upper
152 100
150 148.1 130.2 195.4
115 61.3 51.6 77.4

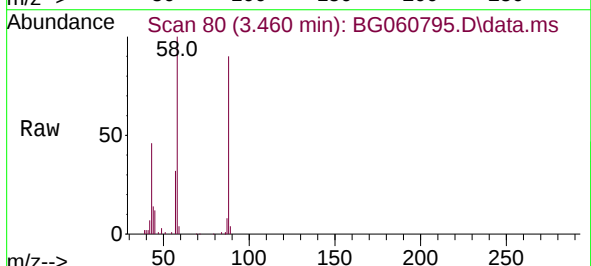
Manual Integrations

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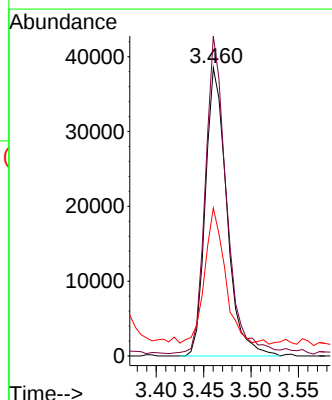
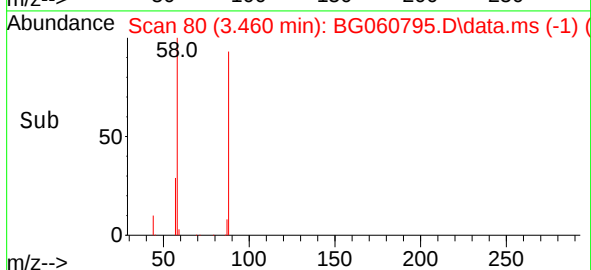
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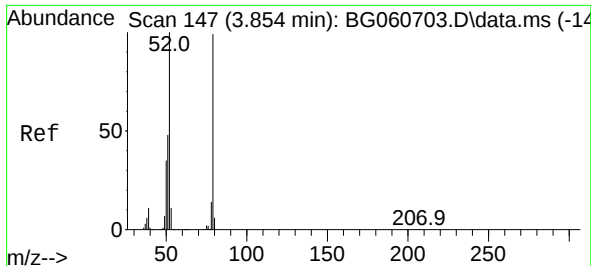


#2
1,4-Dioxane
Concen: 40.946 ng
RT: 3.460 min Scan# 80
Delta R.T. -0.006 min
Lab File: BG060795.D
Acq: 5 Apr 2024 14:20



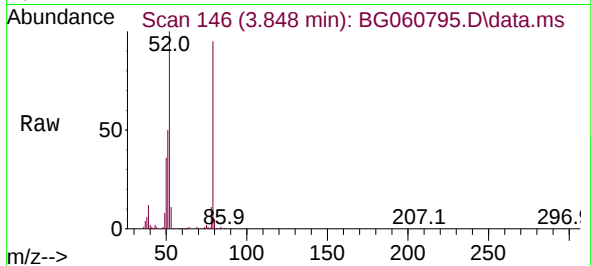
Tgt Ion: 88 Resp: 60529
Ion Ratio Lower Upper
88 100
58 107.9 80.9 121.3
43 45.3 35.4 53.0





#3
Pyridine
Concen: 36.461 ng
RT: 3.848 min Scan# 147
Delta R.T. -0.006 min
Lab File: BG060795.D
Acq: 5 Apr 2024 14:20

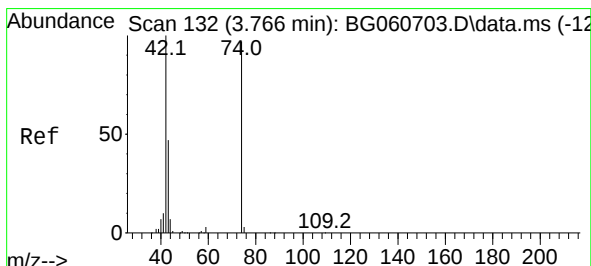
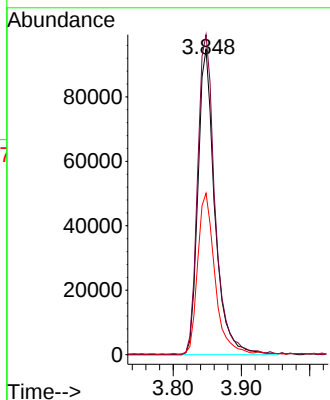
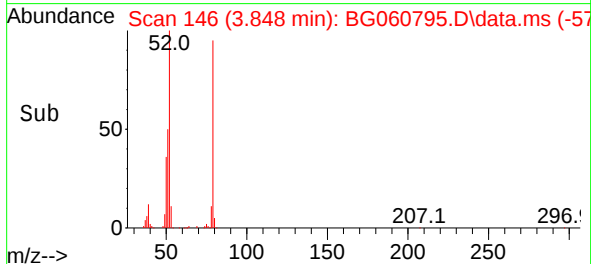
Instrument :
BNA_G
ClientSampleId :
TP1MS



Tgt Ion: 79 Resp: 162578
Ion Ratio Lower Upper
79 100
52 104.8 80.6 120.8
51 52.9 39.1 58.7

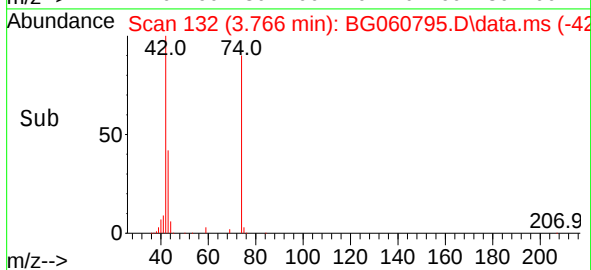
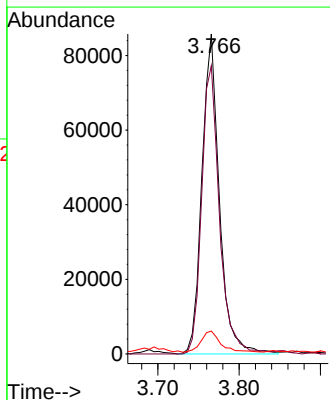
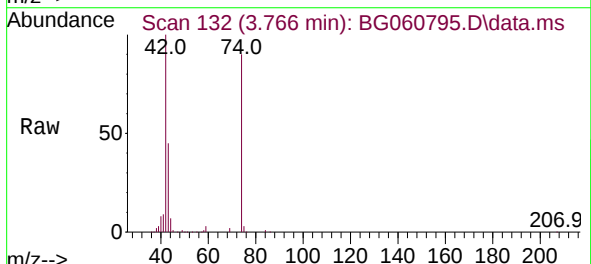
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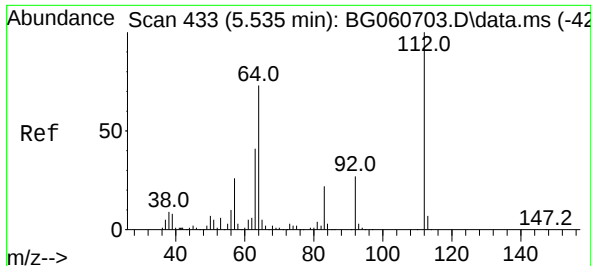
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#4
n-Nitrosodimethylamine
Concen: 48.032 ng
RT: 3.766 min Scan# 132
Delta R.T. -0.001 min
Lab File: BG060795.D
Acq: 5 Apr 2024 14:20

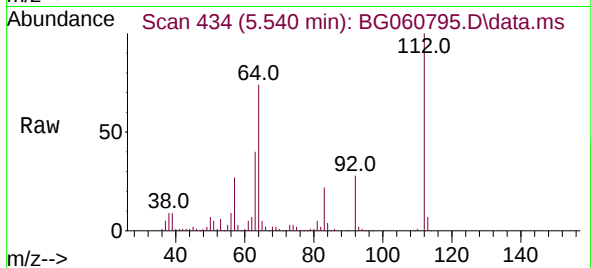
Tgt Ion: 42 Resp: 128022
Ion Ratio Lower Upper
42 100
74 90.1 77.8 116.8
44 7.2 6.8 10.2





#5
2-Fluorophenol
Concen: 96.321 ng
RT: 5.540 min Scan# 433
Delta R.T. 0.005 min
Lab File: BG060795.D
Acq: 5 Apr 2024 14:20

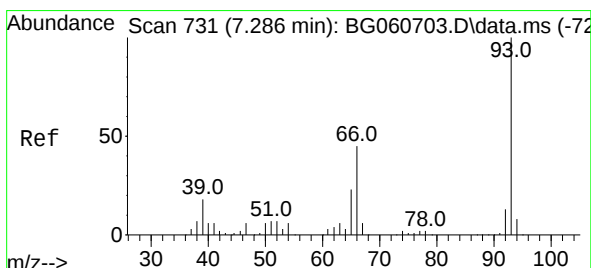
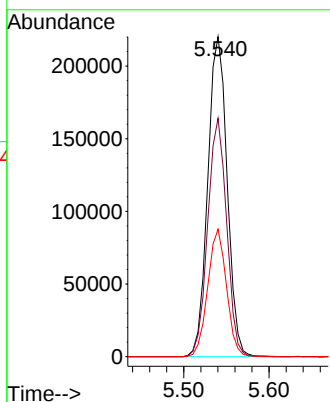
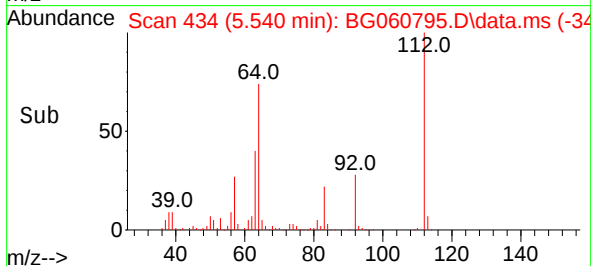
Instrument :
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Tgt Ion:112 Resp: 347293
Ion Ratio Lower Upper
112 100
64 74.5 58.4 87.6
63 39.9 32.7 49.1

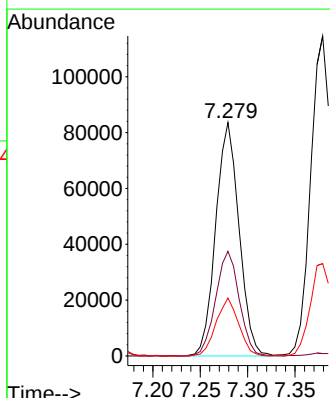
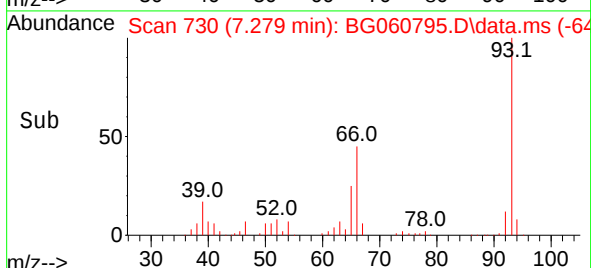
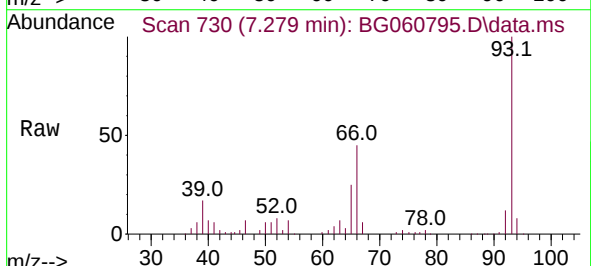
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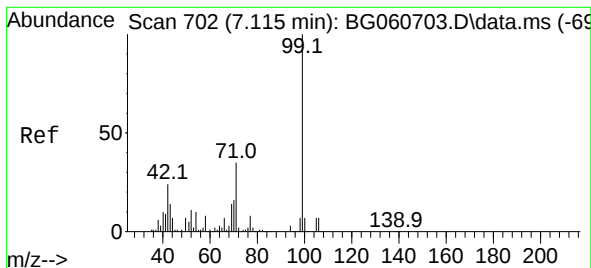
Reviewed By :Yogesh Patel 04/08/2024
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#6
Aniline
Concen: 21.212 ng
RT: 7.279 min Scan# 730
Delta R.T. -0.006 min
Lab File: BG060795.D
Acq: 5 Apr 2024 14:20

Tgt Ion: 93 Resp: 143366
Ion Ratio Lower Upper
93 100
66 44.8 36.1 54.1
65 24.8 18.1 27.1





#7

Phenol-d6

Concen: 94.581 ng

RT: 7.121 min Scan# 702

Delta R.T. 0.005 min

Lab File: BG060795.D

Acq: 5 Apr 2024 14:20

Instrument :

BNA_G

ClientSampleId :

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Tgt Ion: 99 Resp: 506203

Ion Ratio Lower Upper

99 100

42 27.4 19.4 29.2

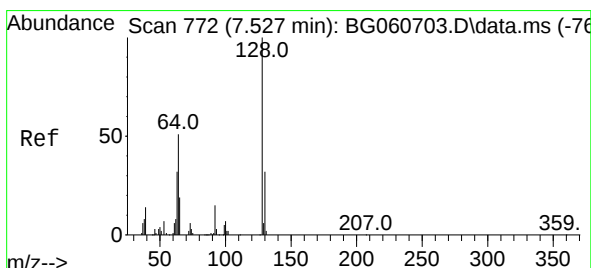
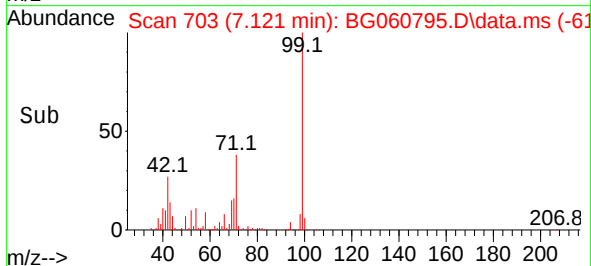
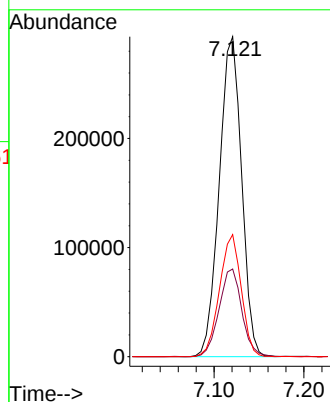
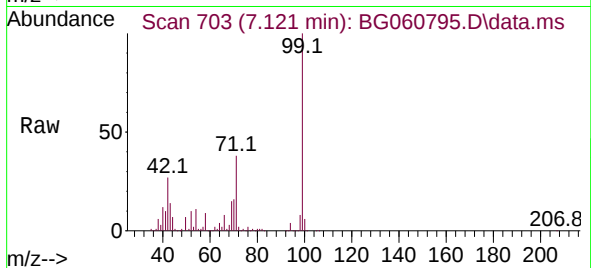
71 38.1 28.2 42.2

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#8

2-Chlorophenol

Concen: 48.030 ng

RT: 7.520 min Scan# 771

Delta R.T. -0.006 min

Lab File: BG060795.D

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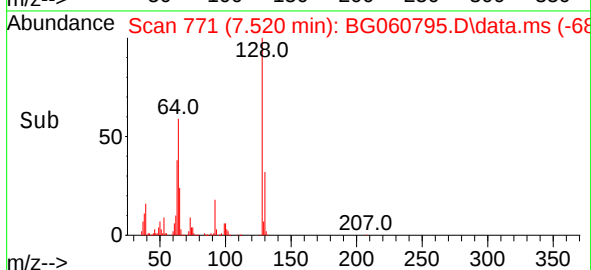
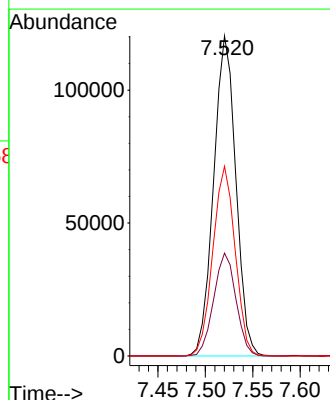
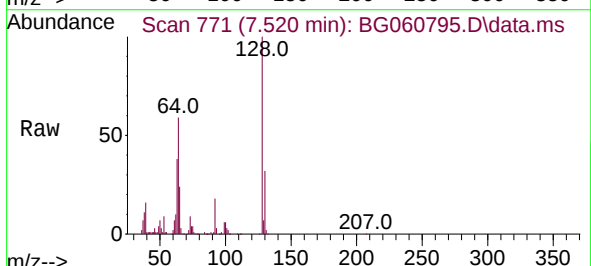
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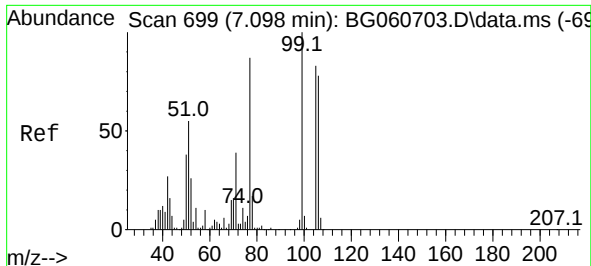
Ion Ratio Lower Upper

128 100

130 32.1 12.3 52.3

64 59.3 35.0 75.0





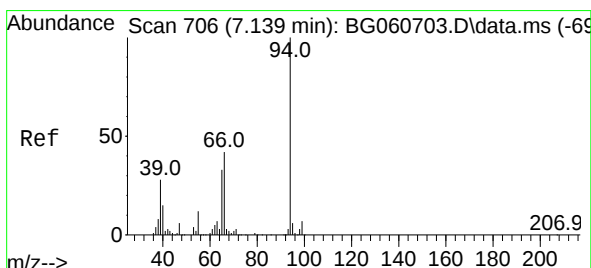
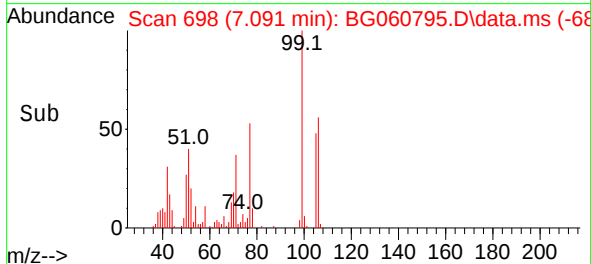
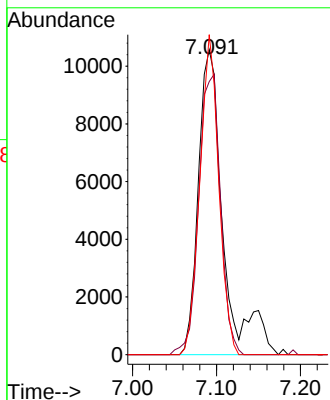
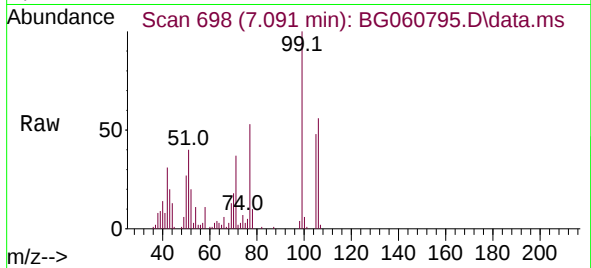
#9
Benzaldehyde
Concen: 7.343 ng m
RT: 7.091 min Scan# 699
Delta R.T. -0.007 min
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Tgt Ion: 77 Resp: 2167
Ion Ratio Lower Upper
77 100
105 89.6 76.0 116.0
106 104.9 70.3 110.3

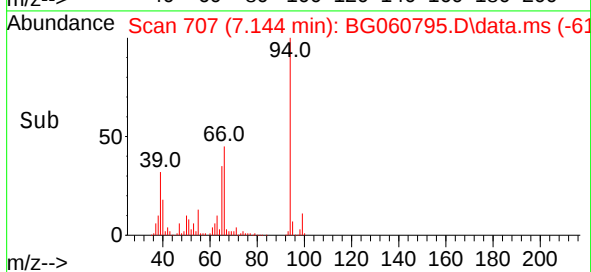
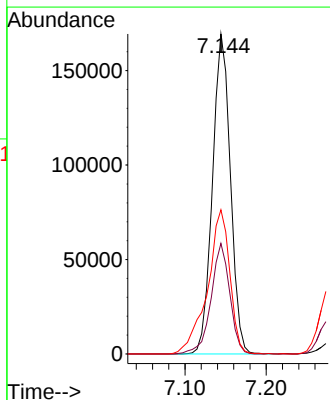
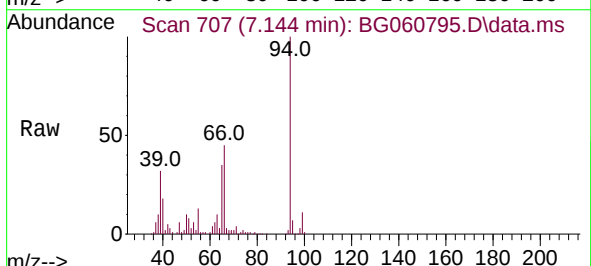
Manual Integrations
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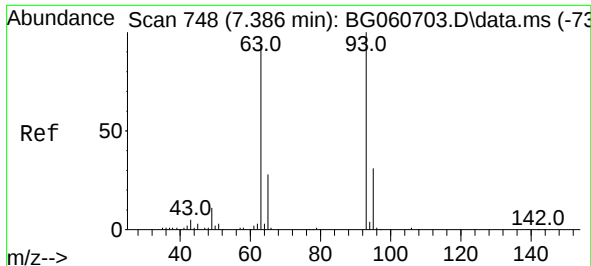
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#10
Phenol
Concen: 47.609 ng
RT: 7.144 min Scan# 707
Delta R.T. 0.005 min
Lab File: BG060795.D
Acq: 5 Apr 2024 14:20

Tgt Ion: 94 Resp: 260047
Ion Ratio Lower Upper
94 100
65 34.6 13.3 53.3
66 45.1 22.9 62.9





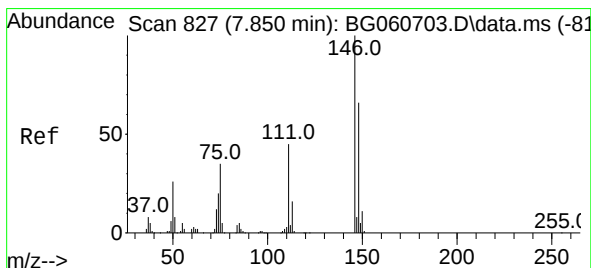
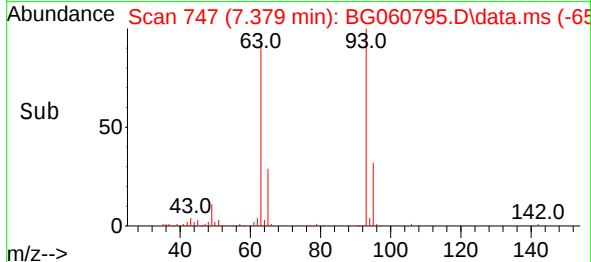
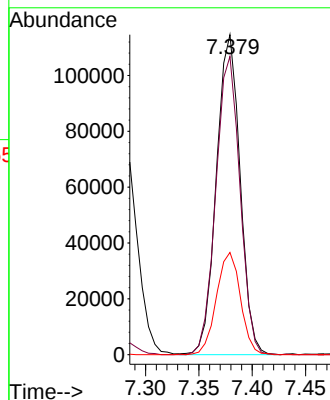
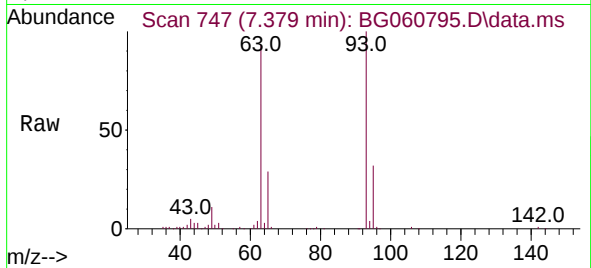
#11
bis(2-Chloroethyl)ether
Concen: 40.178 ng
RT: 7.379 min Scan# 748
Delta R.T. -0.006 min
Lab File: BG060795.D
Acq: 5 Apr 2024 14:20

Instrument :
BNA_G
ClientSampleId :
TP1MS

Tgt Ion: 93 Resp: 177182
Ion Ratio Lower Upper
93 100
63 93.2 73.7 113.7
95 32.0 11.2 51.2

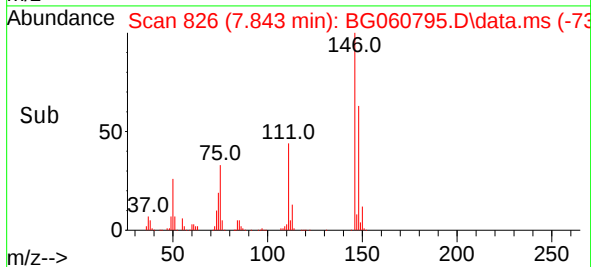
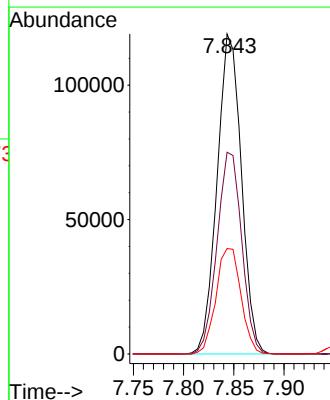
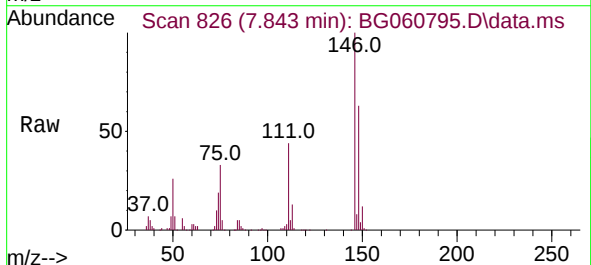
Manual Integrations
APPROVED

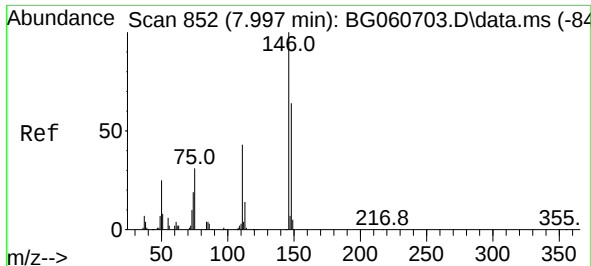
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#12
1,3-Dichlorobenzene
Concen: 47.088 ng
RT: 7.843 min Scan# 826
Delta R.T. -0.006 min
Lab File: BG060795.D
Acq: 5 Apr 2024 14:20

Tgt Ion:146 Resp: 200163
Ion Ratio Lower Upper
146 100
148 63.1 53.0 79.4
75 32.9 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 47.599 ng

RT: 7.990 min Scan# 80

Delta R.T. -0.006 min

Lab File: BG060795.D

Acq: 5 Apr 2024 14:20

Instrument :

BNA_G

ClientSampleId :

TP1MS

Tgt Ion:146 Resp: 206428

Ion Ratio Lower Upper

146 100

148 60.7 51.1 76.7

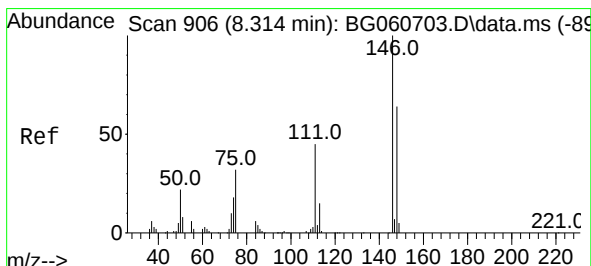
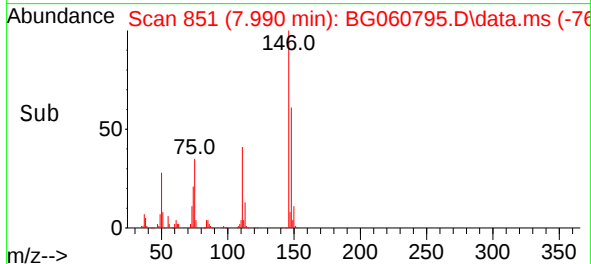
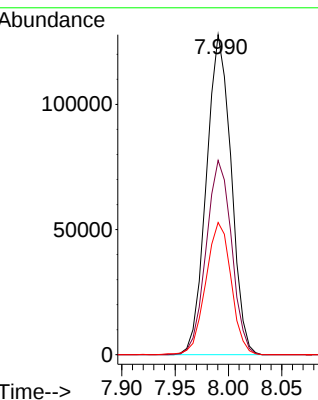
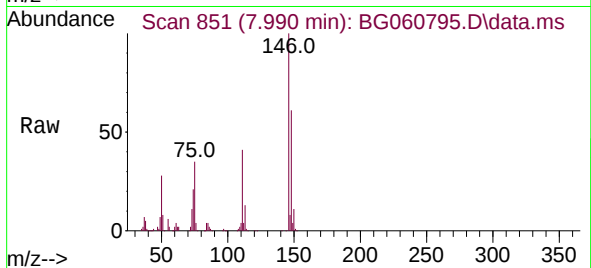
111 41.3 35.0 52.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/08/2024

Supervised By :mohammad ahmed 04/08/2024



#14

1,2-Dichlorobenzene

Concen: 47.017 ng

RT: 8.307 min Scan# 905

Delta R.T. -0.007 min

Lab File: BG060795.D

Acq: 5 Apr 2024 14:20

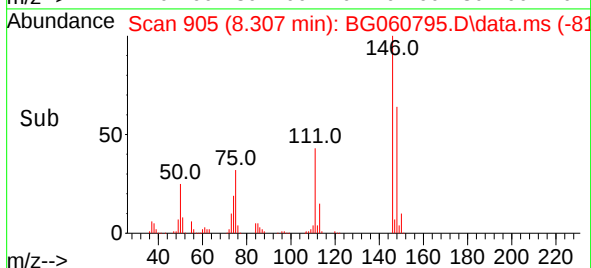
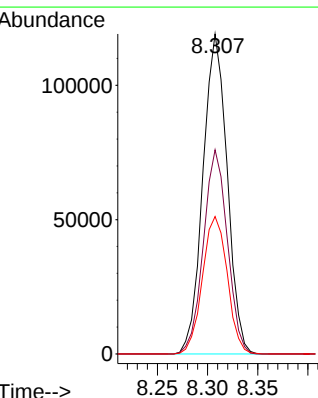
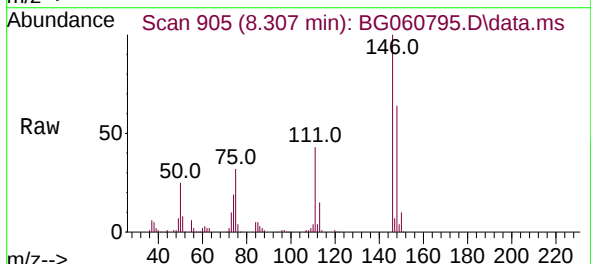
Tgt Ion:146 Resp: 199825

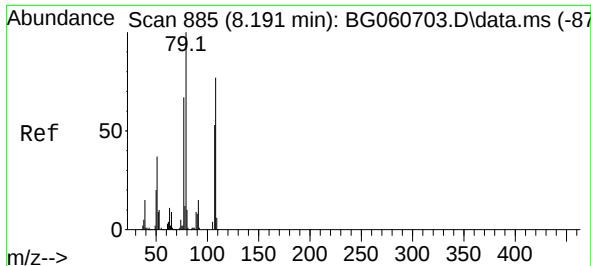
Ion Ratio Lower Upper

146 100

148 63.8 51.0 76.6

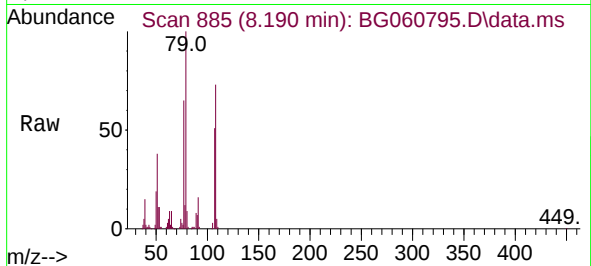
111 42.9 36.0 54.0





#15
Benzyl Alcohol
Concen: 43.994 ng
RT: 8.190 min Scan# 885
Delta R.T. -0.001 min
Lab File: BG060795.D
Acq: 5 Apr 2024 14:20

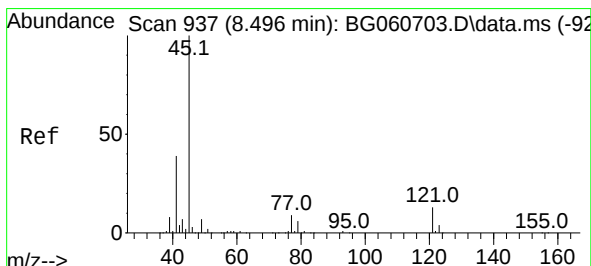
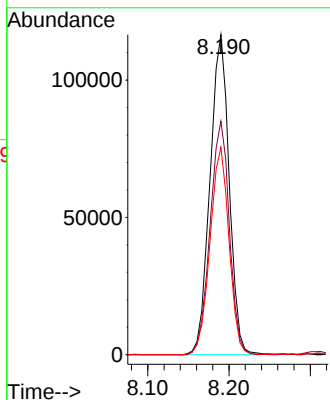
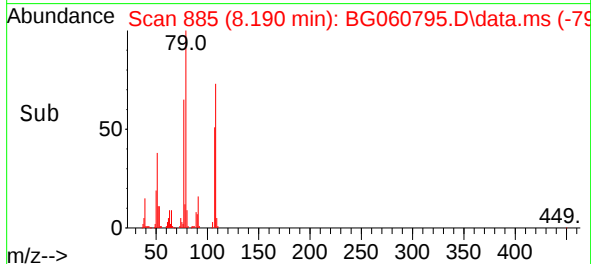
Instrument :
BNA_G
ClientSampleId :
TP1MS



Tgt Ion: 79 Resp: 190729
Ion Ratio Lower Upper
79 100
108 73.0 61.4 92.0
77 64.8 53.6 80.4

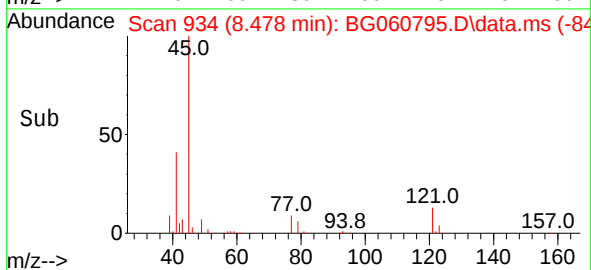
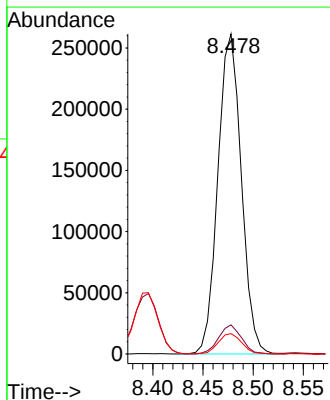
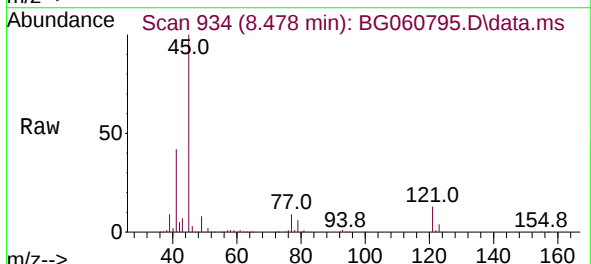
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APPROVED

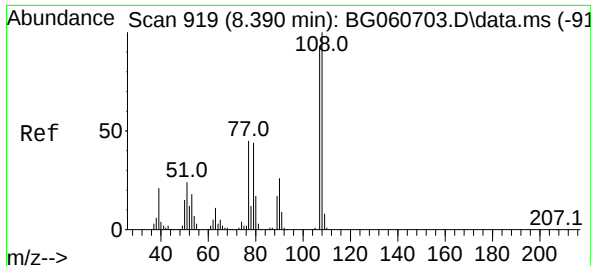
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.647 ng
RT: 8.478 min Scan# 934
Delta R.T. -0.018 min
Lab File: BG060795.D
Acq: 5 Apr 2024 14:20

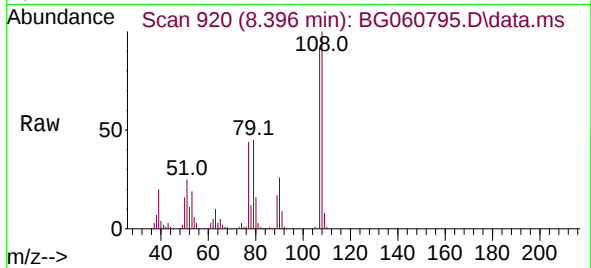
Tgt Ion: 45 Resp: 424436
Ion Ratio Lower Upper
45 100
77 9.1 0.0 29.1
79 6.3 0.0 26.5





#17
2-Methylphenol
Concen: 42.490 ng
RT: 8.396 min Scan# 919
Delta R.T. 0.005 min
Lab File: BG060795.D
Acq: 5 Apr 2024 14:20

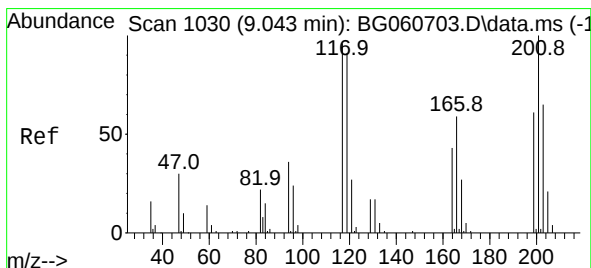
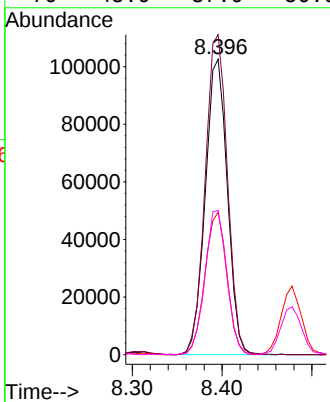
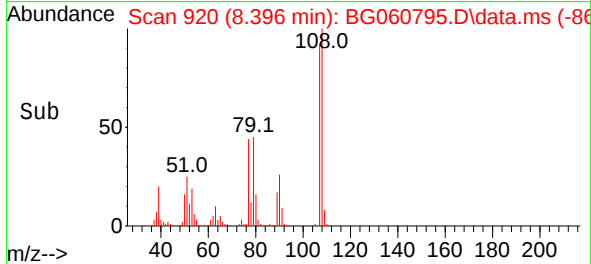
Instrument :
BNA_G
ClientSampleId :
TP1MS



Tgt Ion:107 Resp: 175204
Ion Ratio Lower Upper
107 100
108 108.3 86.4 129.6
77 48.2 38.6 58.0
79 48.9 37.9 56.9

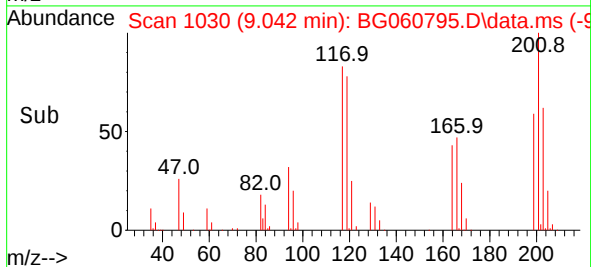
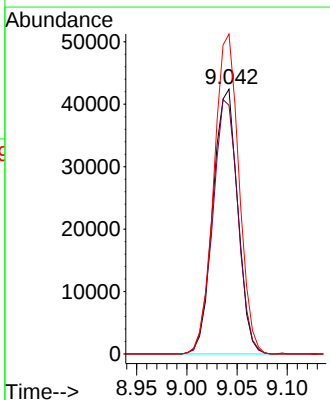
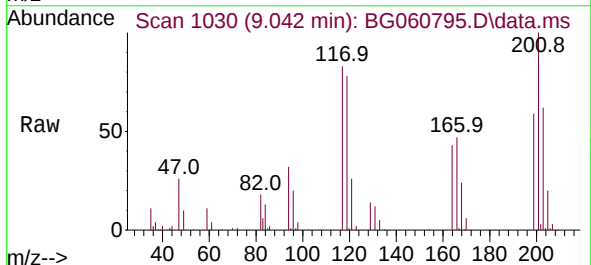
Manual Integrations
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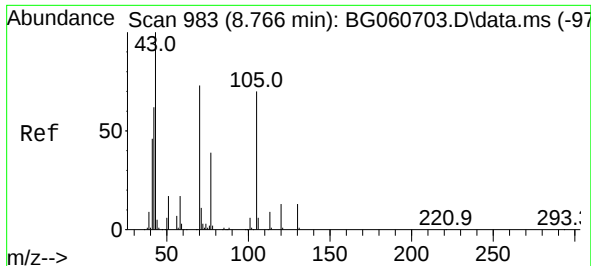
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#18
Hexachloroethane
Concen: 47.138 ng
RT: 9.042 min Scan# 1030
Delta R.T. -0.001 min
Lab File: BG060795.D
Acq: 5 Apr 2024 14:20

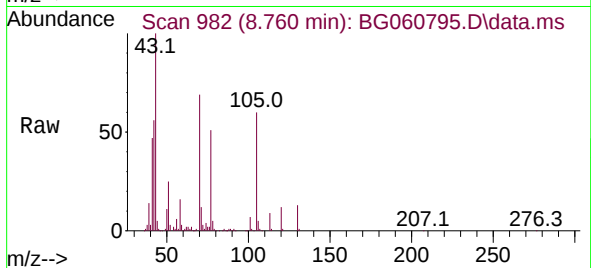
Tgt Ion:117 Resp: 72604
Ion Ratio Lower Upper
117 100
119 93.9 75.7 113.5
201 120.9 83.4 125.2





#19
n-Nitroso-di-n-propylamine
Concen: 38.958 ng
RT: 8.760 min Scan# 983
Delta R.T. -0.006 min
Lab File: BG060795.D
Acq: 5 Apr 2024 14:20

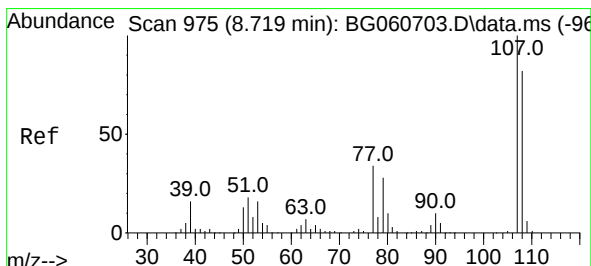
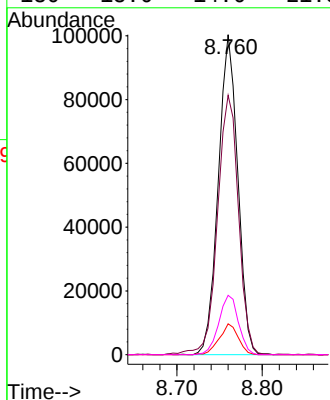
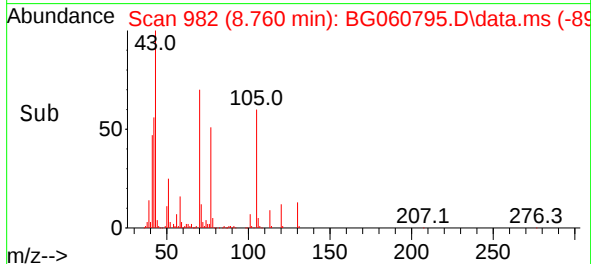
Instrument :
BNA_G
ClientSampleId :
TP1MS



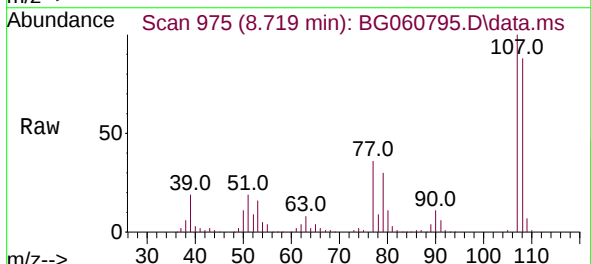
Tgt Ion: 70 Resp: 15900
Ion Ratio Lower Upper
70 100
42 81.1 68.4 102.6
101 9.7 6.1 9.1
130 18.6 14.6 21.8

Manual Integrations
APPROVED

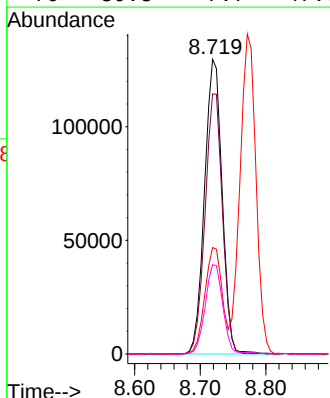
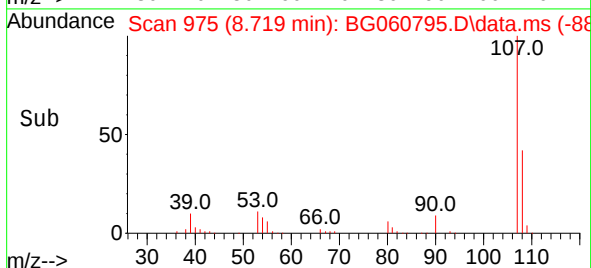
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024

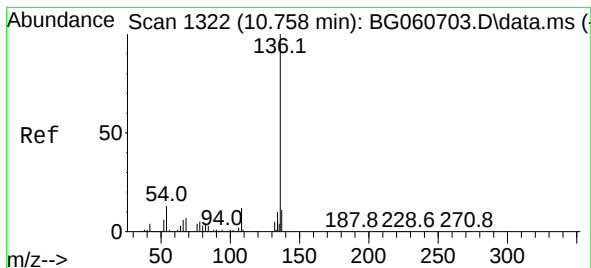


#20
3+4-Methylphenols
Concen: 42.813 ng
RT: 8.719 min Scan# 975
Delta R.T. -0.001 min
Lab File: BG060795.D
Acq: 5 Apr 2024 14:20



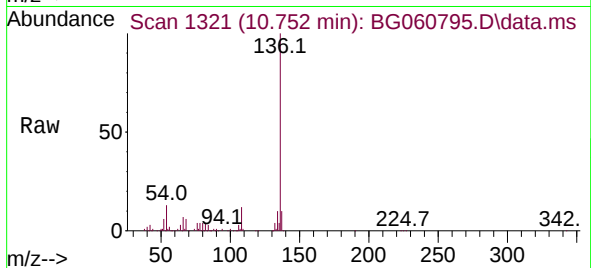
Tgt Ion:107 Resp: 241741
Ion Ratio Lower Upper
107 100
108 88.3 62.2 102.2
77 36.1 14.1 54.1
79 30.3 7.7 47.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.752 min Scan# 14
Delta R.T. -0.006 min
Lab File: BG060795.D
Acq: 5 Apr 2024 14:20

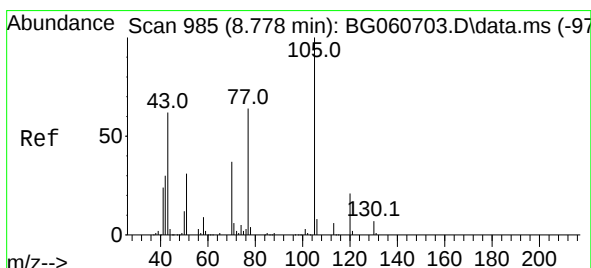
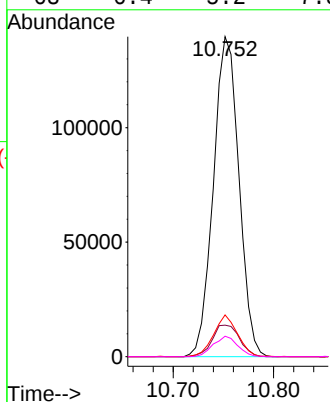
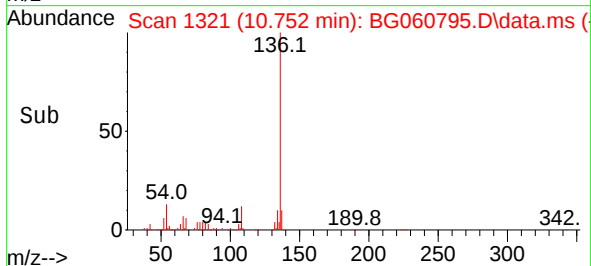
Instrument :
BNA_G
ClientSampleId :
TP1MS



Tgt Ion:136 Resp: 24697
Ion Ratio Lower Upper
136 100
137 9.8 8.8 13.2
54 13.1 10.2 15.2
68 6.4 5.2 7.8

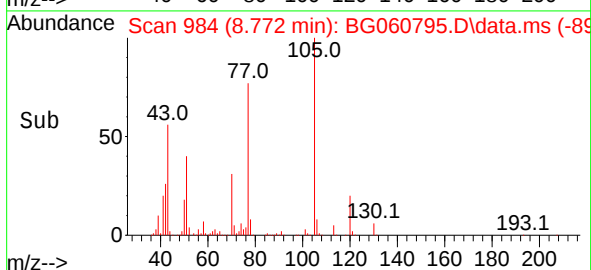
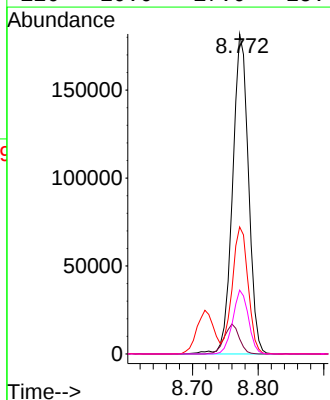
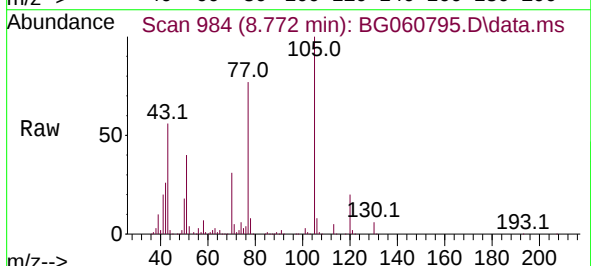
Manual Integrations
APPROVED

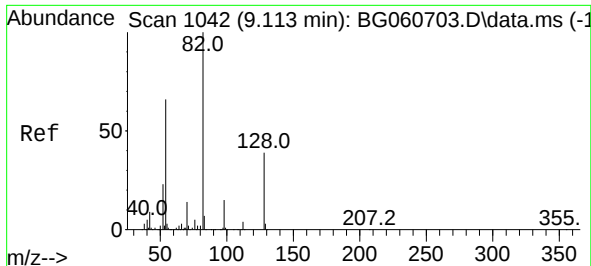
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#22
Acetophenone
Concen: 45.030 ng
RT: 8.772 min Scan# 984
Delta R.T. -0.006 min
Lab File: BG060795.D
Acq: 5 Apr 2024 14:20

Tgt Ion:105 Resp: 306656
Ion Ratio Lower Upper
105 100
71 4.7 4.9 7.3#
51 39.7 31.1 46.7
120 20.0 17.0 25.4





#23

Nitrobenzene-d5

Concen: 72.904 ng

RT: 9.107 min Scan# 1041

Delta R.T. -0.006 min

Lab File: BG060795.D

Acq: 5 Apr 2024 14:20

Instrument :

BNA_G

ClientSampleId :

TP1MS

Tgt Ion: 82 Resp: 31554

Ion Ratio Lower Upper

82 100

128 38.8 31.2 46.8

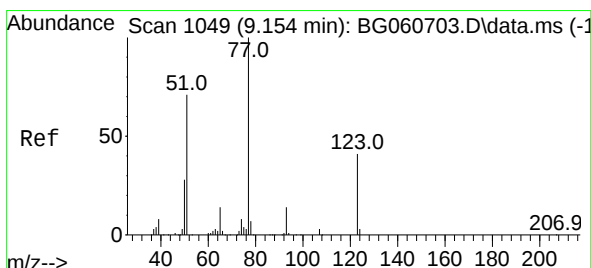
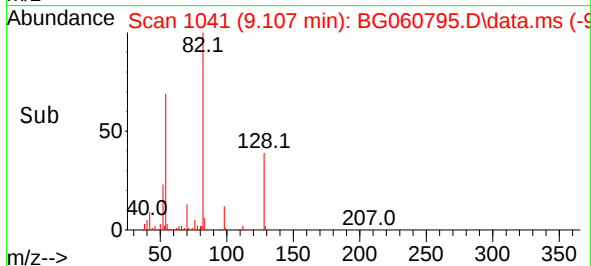
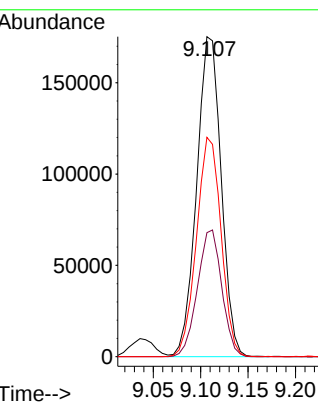
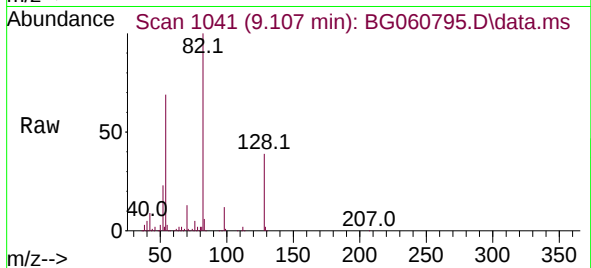
54 68.5 53.2 79.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/08/2024

Supervised By :mohammad ahmed 04/08/2024



#24

Nitrobenzene

Concen: 47.126 ng

RT: 9.148 min Scan# 1048

Delta R.T. -0.006 min

Lab File: BG060795.D

Acq: 5 Apr 2024 14:20

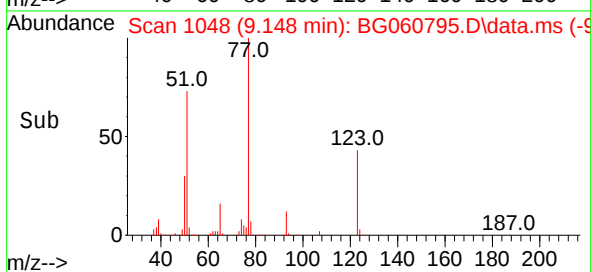
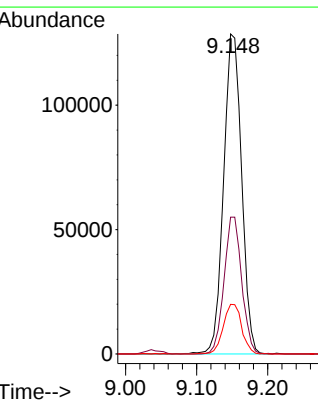
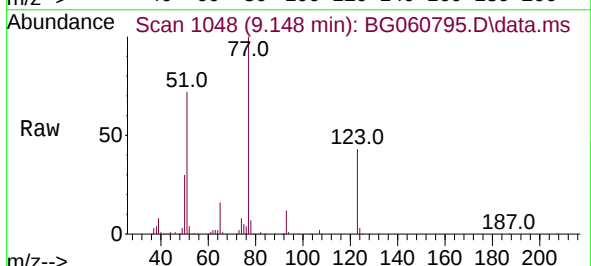
Tgt Ion: 77 Resp: 226789

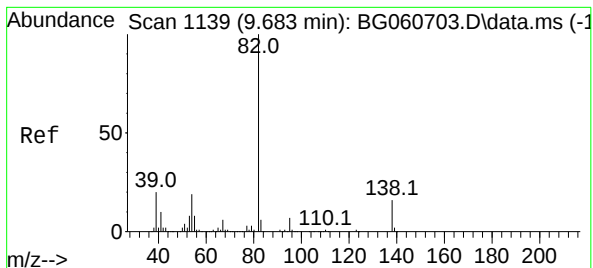
Ion Ratio Lower Upper

77 100

123 42.8 32.7 49.1

65 15.5 11.3 16.9





#25

Isophorone

Concen: 42.375 ng

RT: 9.676 min Scan# 1138

Delta R.T. -0.006 min

Lab File: BG060795.D

Acq: 5 Apr 2024 14:20

Instrument :

BNA_G

ClientSampleId :

TP1MS

Tgt Ion: 82 Resp: 42244

Ion Ratio Lower Upper

82 100

95 6.9 5.8 8.8

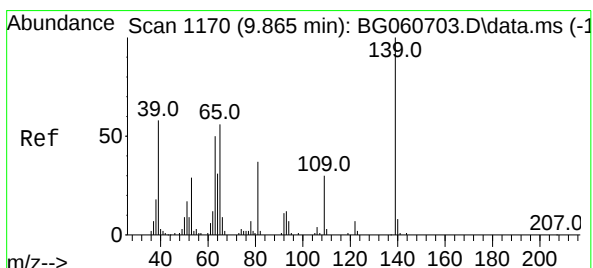
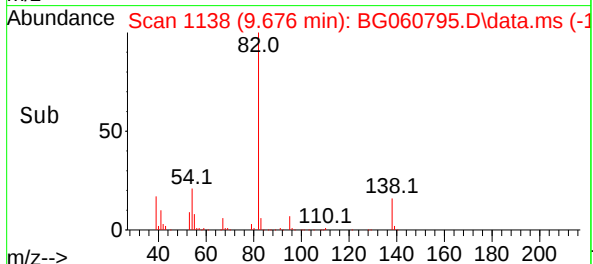
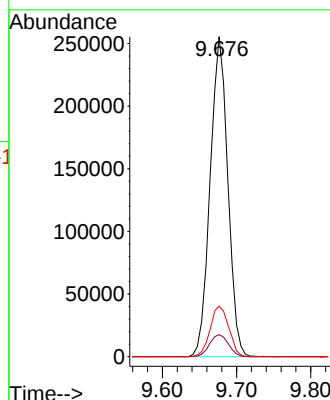
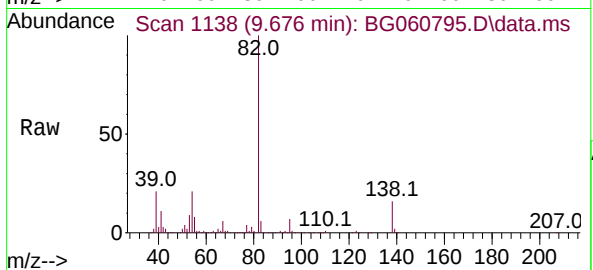
138 15.8 13.0 19.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/08/2024

Supervised By :mohammad ahmed 04/08/2024



#26

2-Nitrophenol

Concen: 58.079 ng

RT: 9.864 min Scan# 1170

Delta R.T. -0.001 min

Lab File: BG060795.D

Acq: 5 Apr 2024 14:20

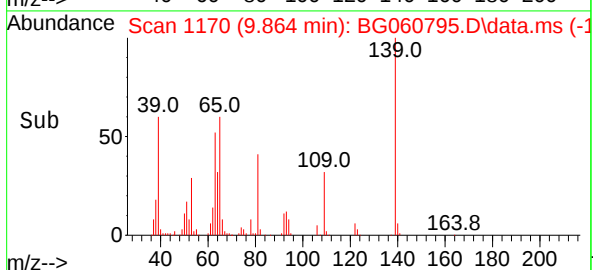
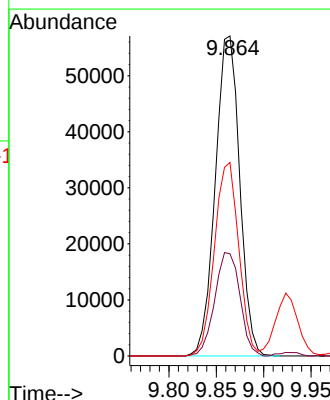
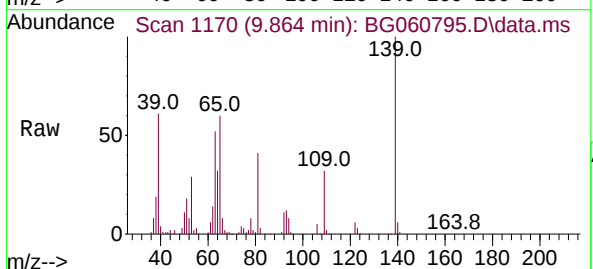
Tgt Ion:139 Resp: 102212

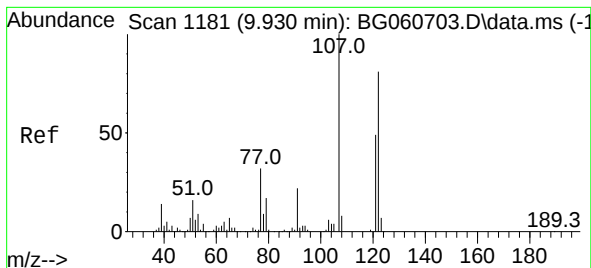
Ion Ratio Lower Upper

139 100

109 31.9 23.9 35.9

65 60.5 44.5 66.7





#27

2,4-Dimethylphenol

Concen: 36.870 ng

RT: 9.923 min Scan# 1181

Delta R.T. -0.007 min

Lab File: BG060795.D

Acq: 5 Apr 2024 14:20

Instrument :

BNA_G

ClientSampleId :

TP1MS

Tgt Ion:122 Resp: 14765

Ion Ratio Lower Upper

122 100

107 126.5 98.6 147.8

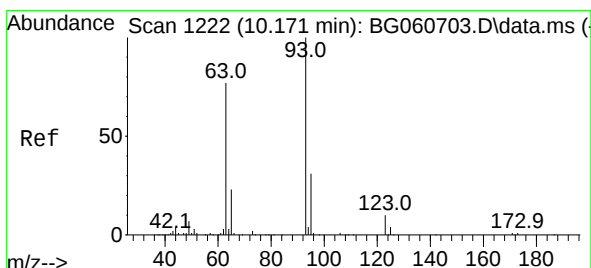
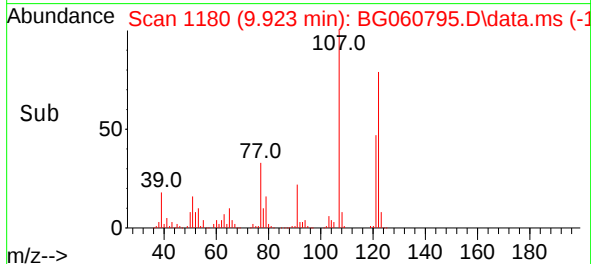
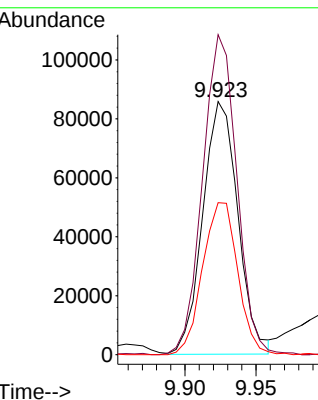
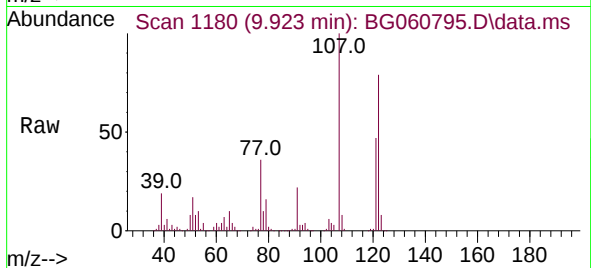
121 60.1 48.1 72.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/08/2024

Supervised By :mohammad ahmed 04/08/2024



#28

bis(2-Chloroethoxy)methane

Concen: 41.849 ng

RT: 10.164 min Scan# 1221

Delta R.T. -0.006 min

Lab File: BG060795.D

Acq: 5 Apr 2024 14:20

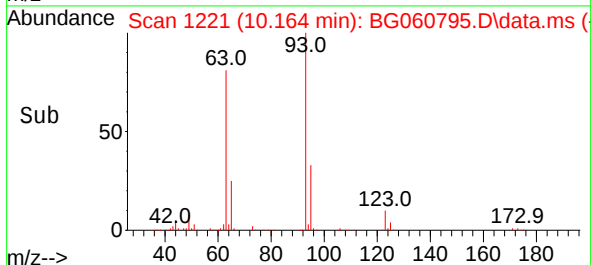
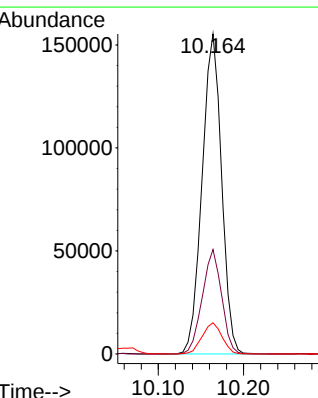
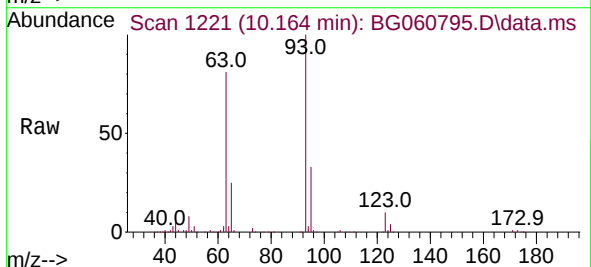
Tgt Ion: 93 Resp: 246305

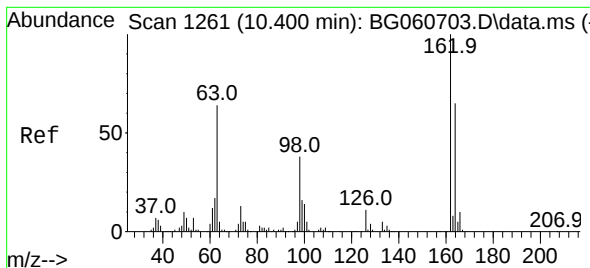
Ion Ratio Lower Upper

93 100

95 32.6 25.1 37.7

123 9.8 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 53.001 ng

RT: 10.399 min Scan# 1261

Delta R.T. -0.001 min

Lab File: BG060795.D

Acq: 5 Apr 2024 14:20

Instrument :

BNA_G

ClientSampleId :

TP1MS

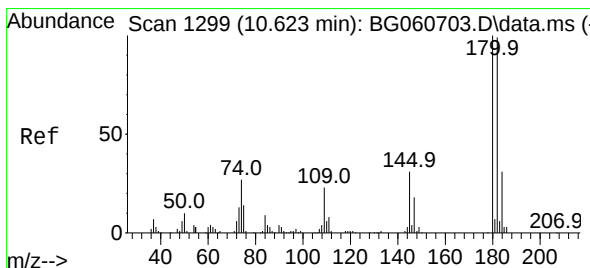
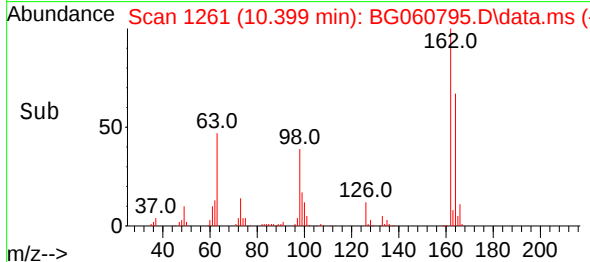
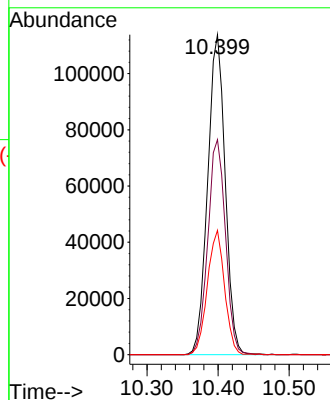
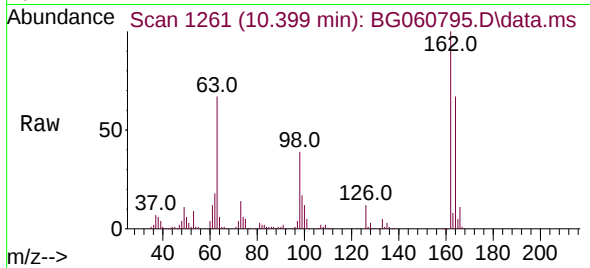
Tgt Ion:162	Resp: 194900
Ion Ratio	Lower Upper
162	100
164	67.2 45.2 85.2
98	38.8 17.7 57.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/08/2024

Supervised By :mohammad ahmed 04/08/2024



#30

1,2,4-Trichlorobenzene

Concen: 49.469 ng

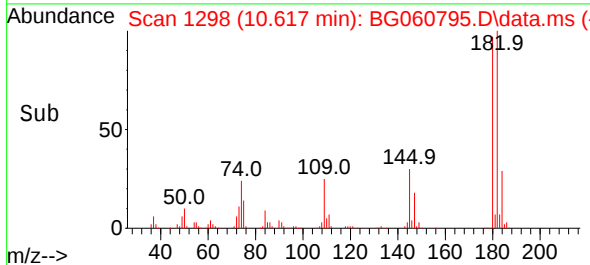
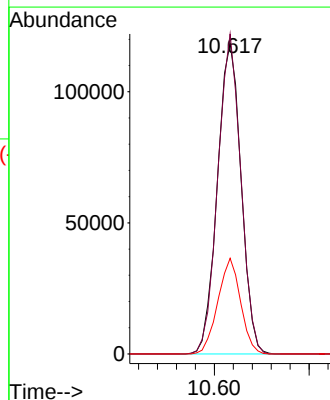
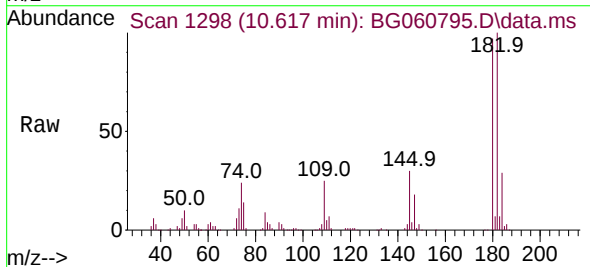
RT: 10.617 min Scan# 1298

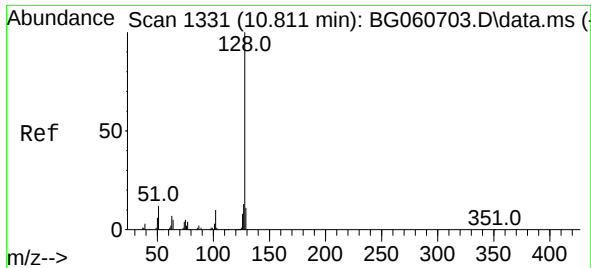
Delta R.T. -0.006 min

Lab File: BG060795.D

Acq: 5 Apr 2024 14:20

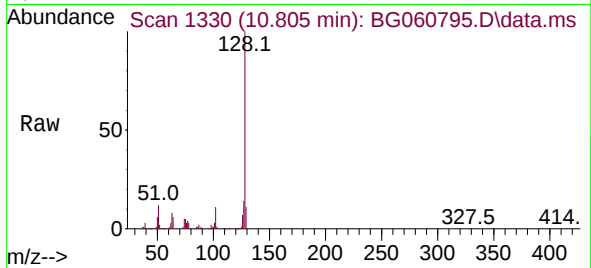
Tgt Ion:180	Resp: 205990
Ion Ratio	Lower Upper
180	100
182	103.0 79.0 118.4
145	30.8 24.9 37.3





#31
Naphthalene
Concen: 44.868 ng
RT: 10.805 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BG060795.D
Acq: 5 Apr 2024 14:20

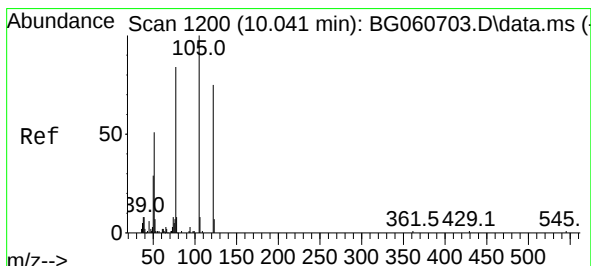
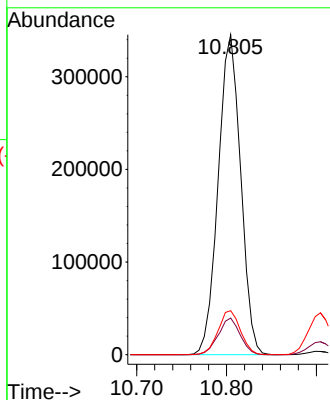
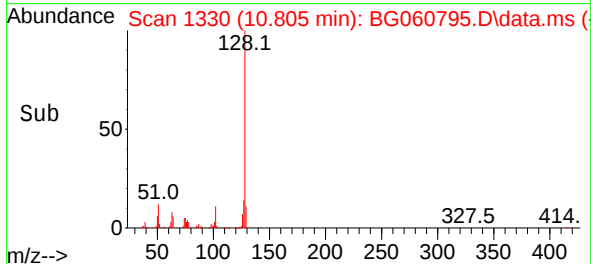
Instrument :
BNA_G
ClientSampleId :
TP1MS



Tgt Ion:128 Resp: 599440
Ion Ratio Lower Upper
128 100
129 11.4 8.5 12.7
127 13.8 10.5 15.7

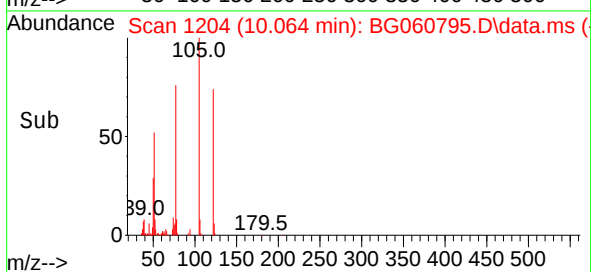
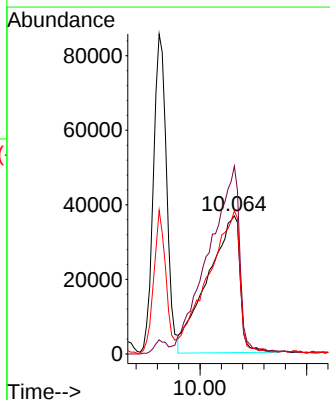
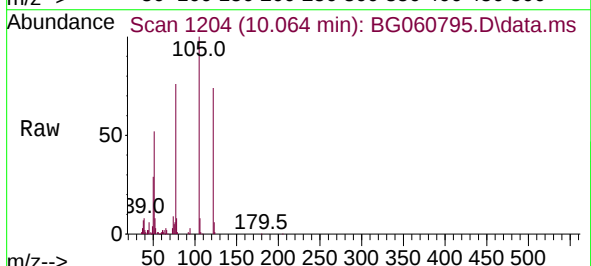
Manual Integrations
APPROVED

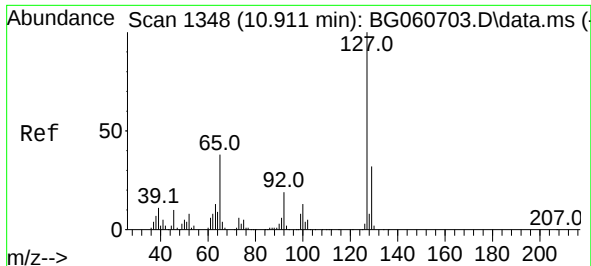
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#32
Benzoic acid
Concen: 56.429 ng
RT: 10.064 min Scan# 1204
Delta R.T. 0.023 min
Lab File: BG060795.D
Acq: 5 Apr 2024 14:20

Tgt Ion:122 Resp: 154078
Ion Ratio Lower Upper
122 100
105 136.0 104.5 144.5
77 103.8 85.3 125.3





#33
4-Chloroaniline
Concen: 13.017 ng
RT: 10.904 min Scan# 1347
Delta R.T. -0.006 min
Lab File: BG060795.D
Acq: 5 Apr 2024 14:20

Instrument :

BNA_G

ClientSampleId :

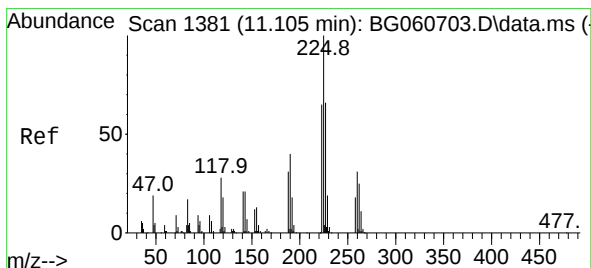
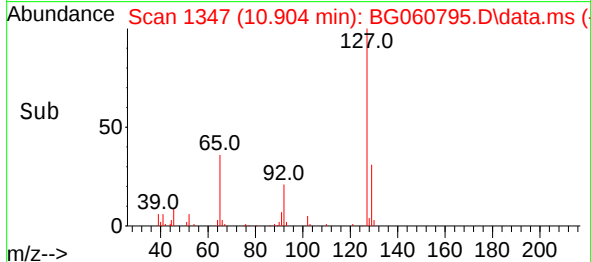
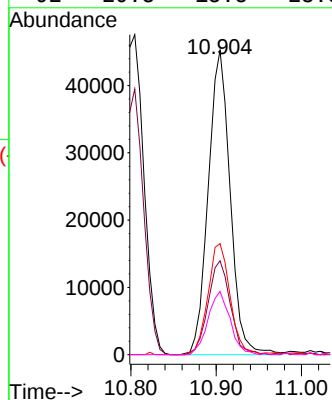
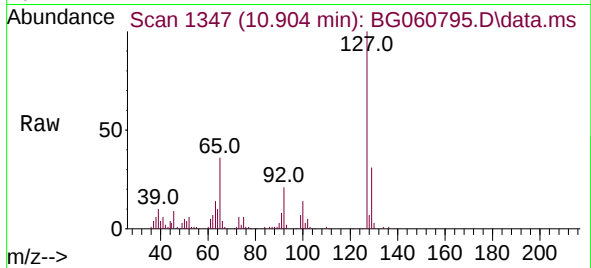
TP1MS

Tgt Ion:127 Resp: 80774
Ion Ratio Lower Upper
127 100
129 30.9 25.3 37.9
65 36.5 30.2 45.2
92 20.8 15.5 23.3

Manual Integrations

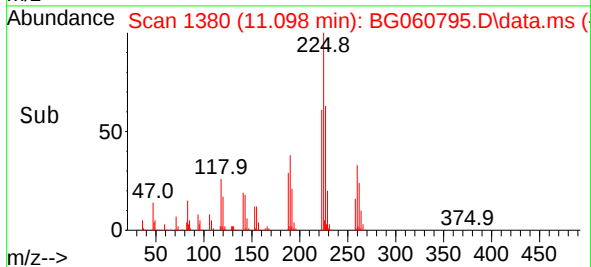
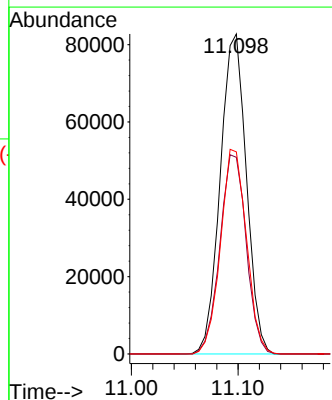
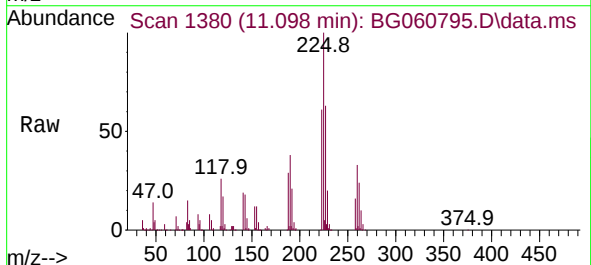
APPROVED

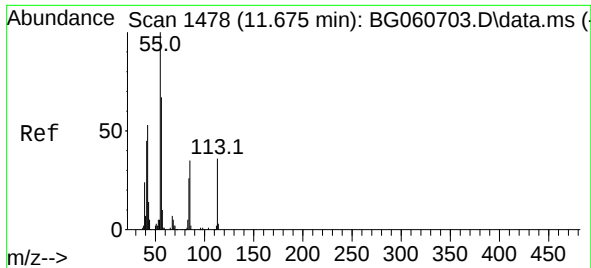
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#34
Hexachlorobutadiene
Concen: 50.702 ng
RT: 11.098 min Scan# 1380
Delta R.T. -0.006 min
Lab File: BG060795.D
Acq: 5 Apr 2024 14:20

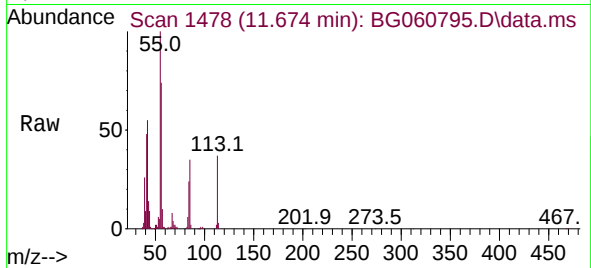
Tgt Ion:225 Resp: 140707
Ion Ratio Lower Upper
225 100
223 61.5 52.0 78.0
227 63.2 52.5 78.7





#35
Caprolactam
Concen: 48.350 ng m
RT: 11.674 min Scan# 1478
Delta R.T. -0.001 min
Lab File: BG060795.D
Acq: 5 Apr 2024 14:20

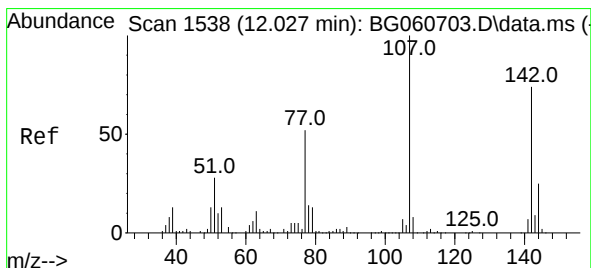
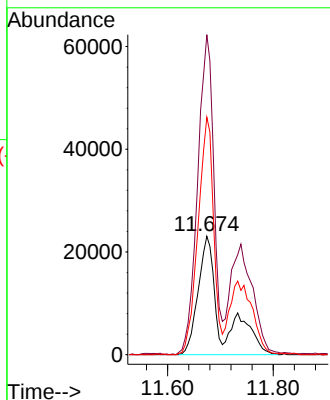
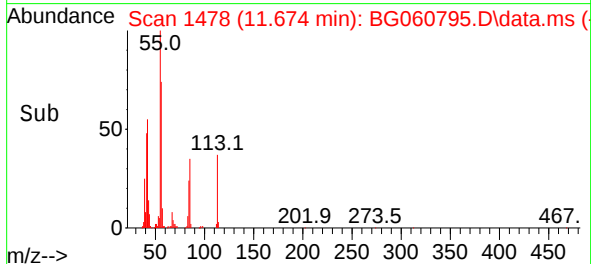
Instrument :
BNA_G
ClientSampleId :
TP1MS



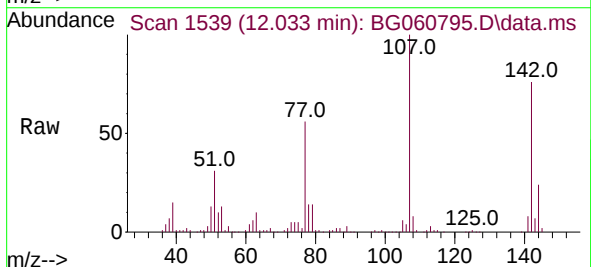
Tgt Ion:113 Resp: 7042
Ion Ratio Lower Upper
113 100
55 270.1 258.0 298.0
56 200.5 166.3 206.3

Manual Integrations
APPROVED

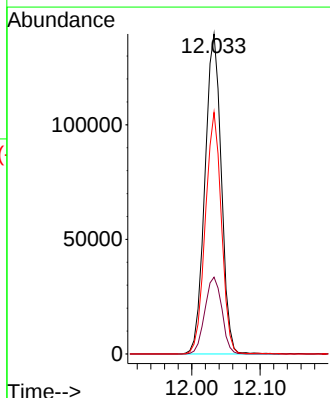
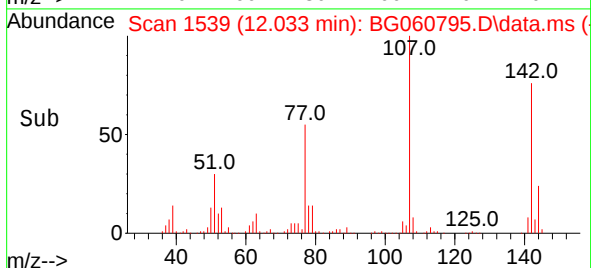
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024

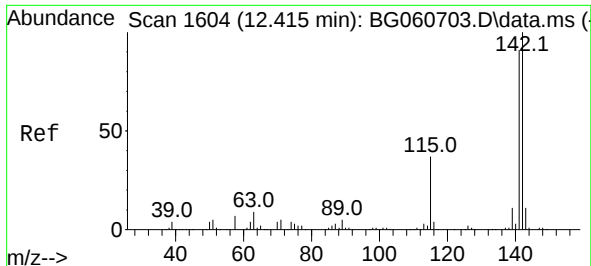


#36
4-Chloro-3-methylphenol
Concen: 49.699 ng
RT: 12.033 min Scan# 1539
Delta R.T. 0.005 min
Lab File: BG060795.D
Acq: 5 Apr 2024 14:20



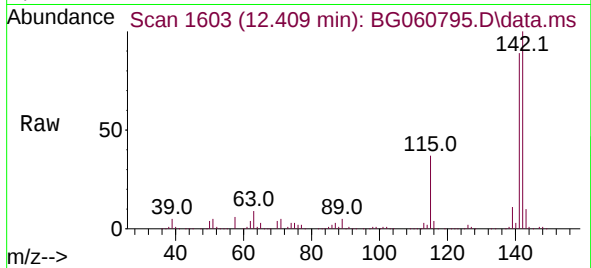
Tgt Ion:107 Resp: 233474
Ion Ratio Lower Upper
107 100
144 24.0 20.0 30.0
142 75.5 59.2 88.8





#37
2-Methylnaphthalene
Concen: 43.665 ng
RT: 12.409 min Scan# 1603
Delta R.T. -0.006 min
Lab File: BG060795.D
Acq: 5 Apr 2024 14:20

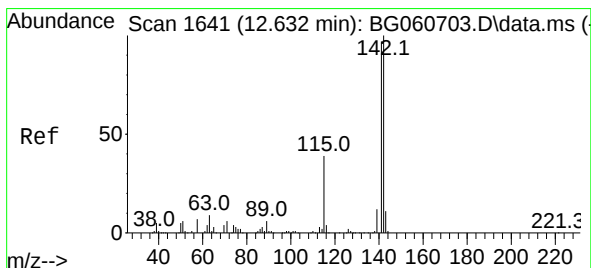
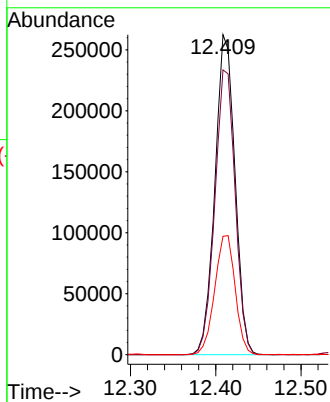
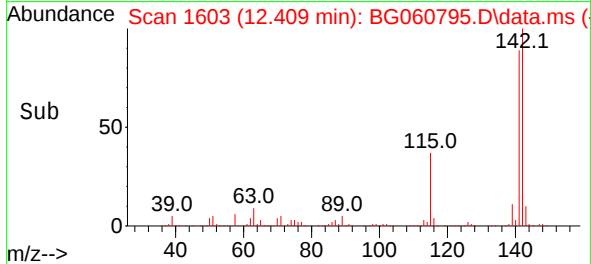
Instrument :
BNA_G
ClientSampleId :
TP1MS



Tgt Ion:142 Resp: 42888
Ion Ratio Lower Upper
142 100
141 89.0 72.7 109.1
115 37.0 29.9 44.9

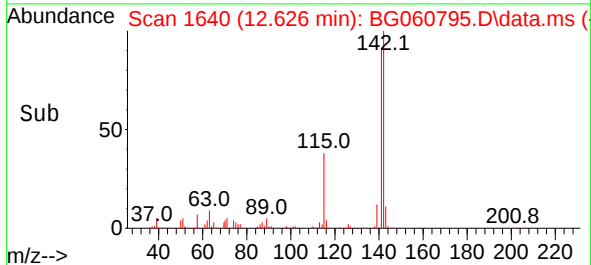
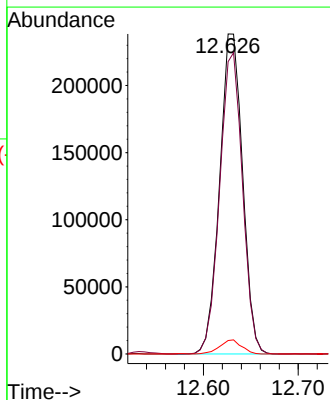
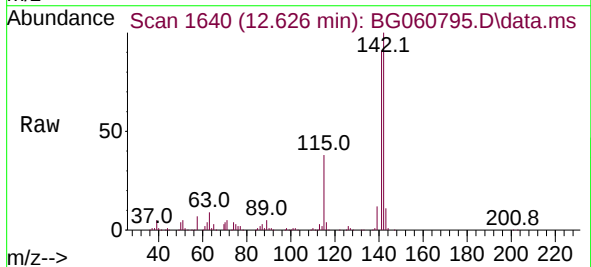
Manual Integrations
APPROVED

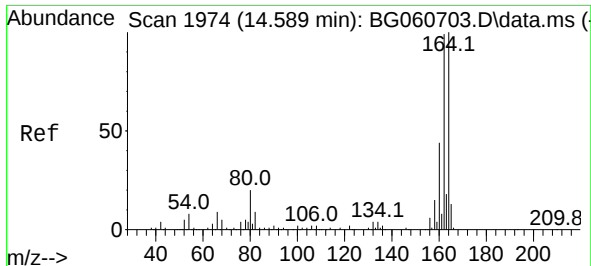
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#38
1-Methylnaphthalene
Concen: 43.345 ng
RT: 12.626 min Scan# 1640
Delta R.T. -0.006 min
Lab File: BG060795.D
Acq: 5 Apr 2024 14:20

Tgt Ion:142 Resp: 402196
Ion Ratio Lower Upper
142 100
141 91.4 77.7 116.5
116 4.2 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.582 min Scan# 1974

Delta R.T. -0.007 min

Lab File: BG060795.D

Acq: 5 Apr 2024 14:20

Instrument :

BNA_G

ClientSampleId :

TP1MS

Tgt Ion:164 Resp: 19216

Ion Ratio Lower Upper

164 100

162 96.9 79.5 119.3

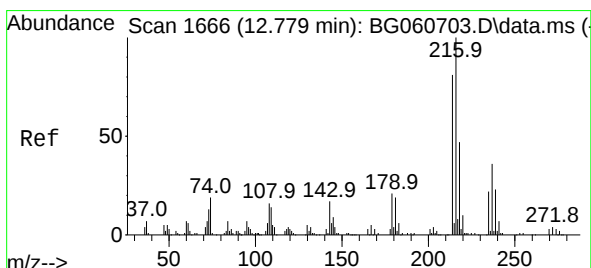
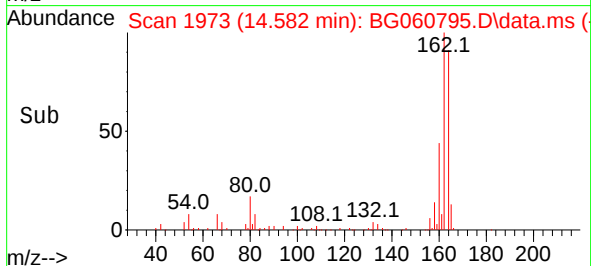
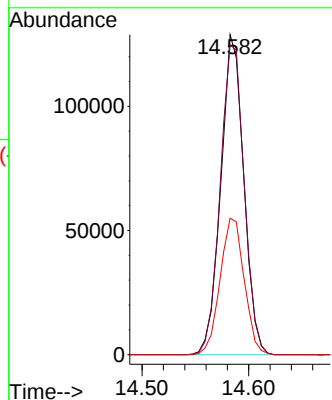
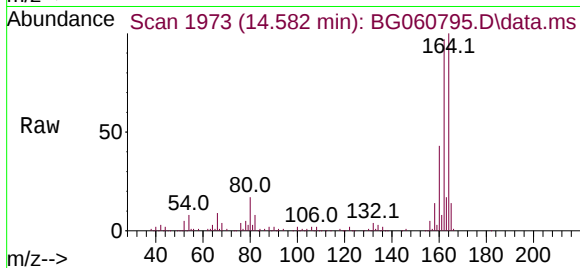
160 42.6 35.4 53.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/08/2024

Supervised By :mohammad ahmed 04/08/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.644 ng

RT: 12.779 min Scan# 1666

Delta R.T. -0.001 min

Lab File: BG060795.D

Acq: 5 Apr 2024 14:20

Tgt Ion:216 Resp: 268734

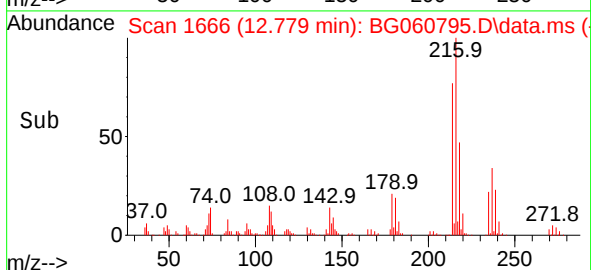
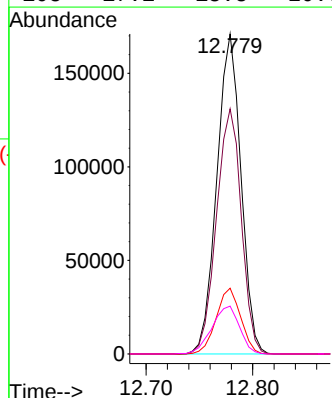
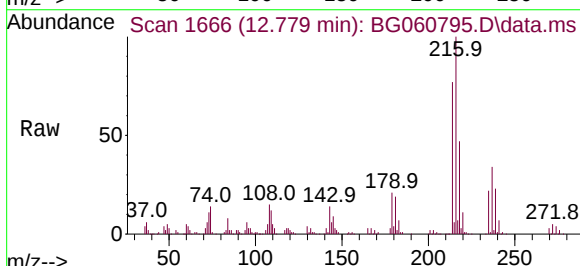
Ion Ratio Lower Upper

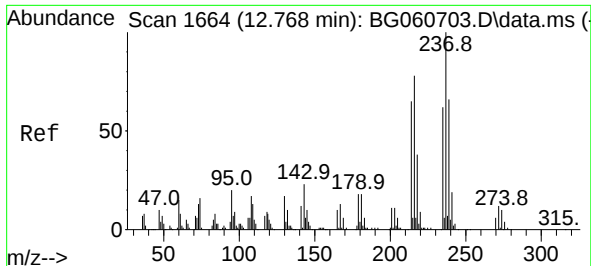
216 100

214 78.8 63.1 94.7

179 20.8 16.7 25.1

108 17.1 13.8 20.6





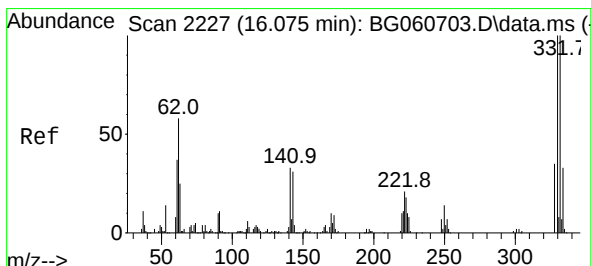
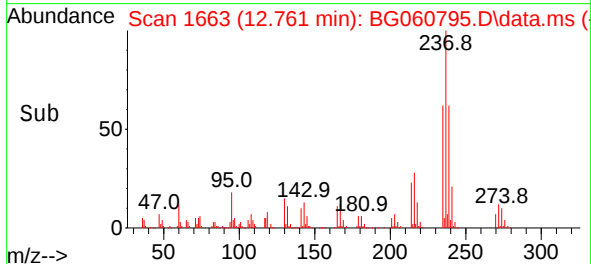
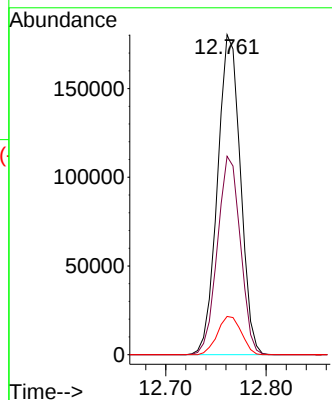
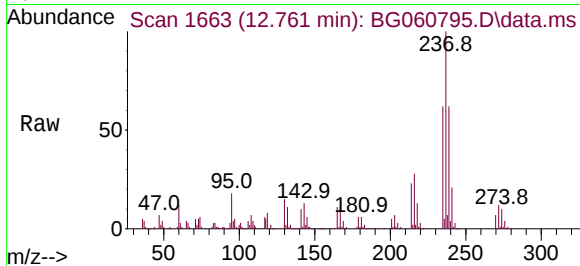
#41
Hexachlorocyclopentadiene
Concen: 101.643 ng
RT: 12.761 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BG060795.D
Acq: 5 Apr 2024 14:20

Instrument :
BNA_G
ClientSampleId :
TP1MS

Tgt Ion:237 Resp: 285520
Ion Ratio Lower Upper
237 100
235 62.0 42.0 82.0
272 11.9 0.0 32.4

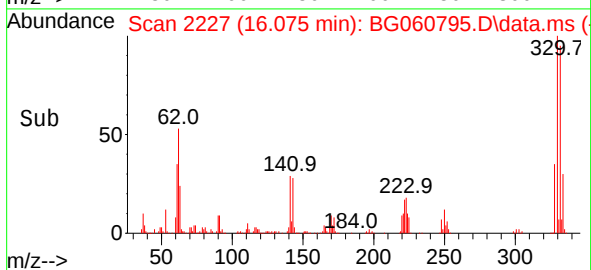
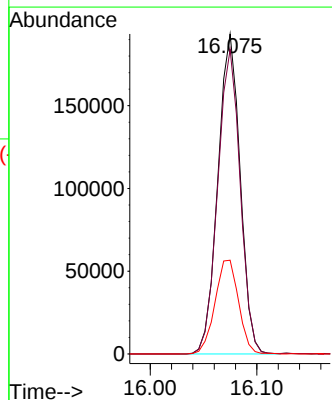
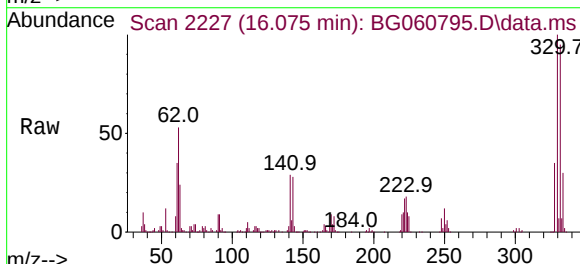
Manual Integrations
APPROVED

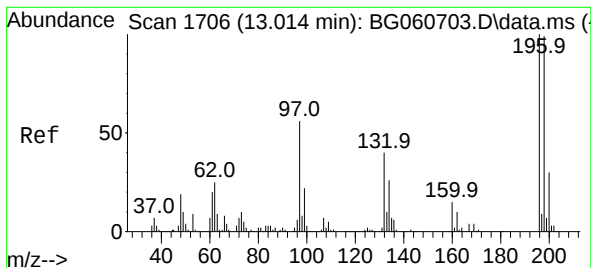
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#42
2,4,6-Tribromophenol
Concen: 128.405 ng
RT: 16.075 min Scan# 2227
Delta R.T. -0.001 min
Lab File: BG060795.D
Acq: 5 Apr 2024 14:20

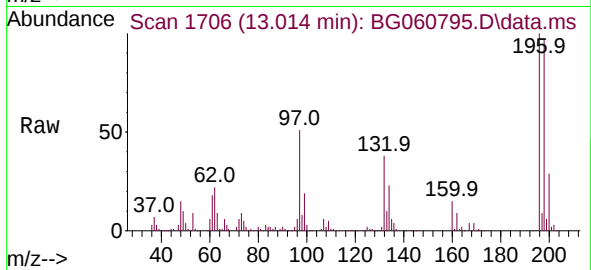
Tgt Ion:330 Resp: 280101
Ion Ratio Lower Upper
330 100
332 95.8 78.2 117.4
141 31.1 27.0 40.6





#43
2,4,6-Trichlorophenol
Concen: 55.209 ng
RT: 13.014 min Scan# 1719
Delta R.T. -0.001 min
Lab File: BG060795.D
Acq: 5 Apr 2024 14:20

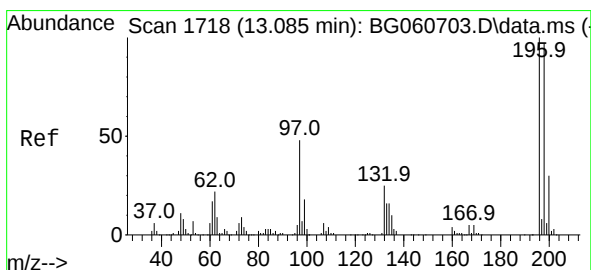
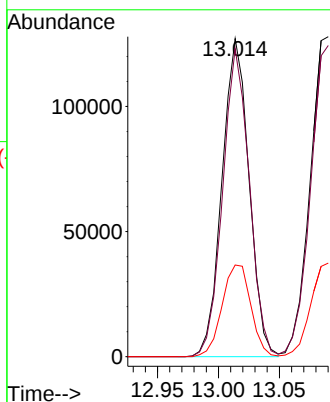
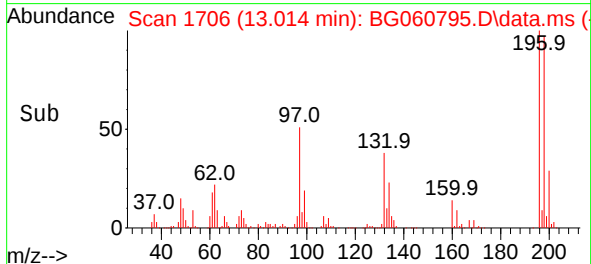
Instrument :
BNA_G
ClientSampleId :
TP1MS



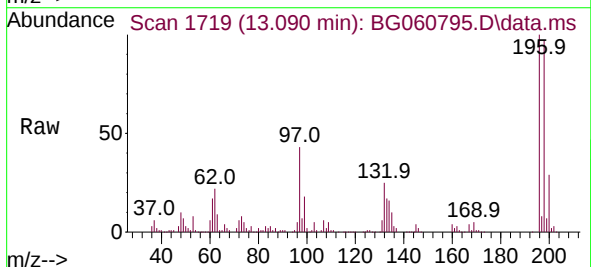
Tgt Ion:196 Resp: 196394
Ion Ratio Lower Upper
196 100
198 96.8 79.1 118.7
200 28.8 24.0 36.0

Manual Integrations
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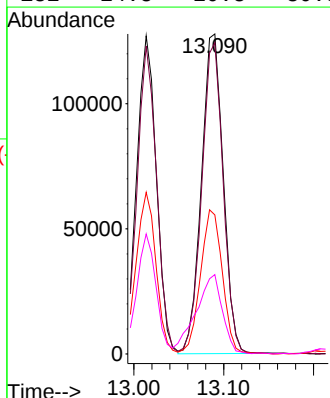
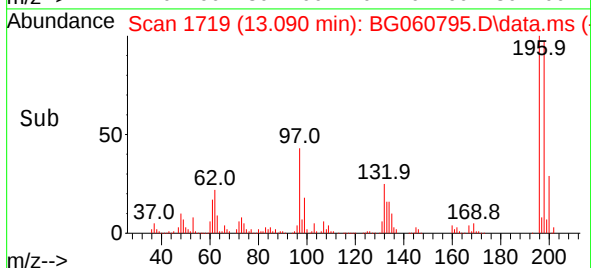
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024

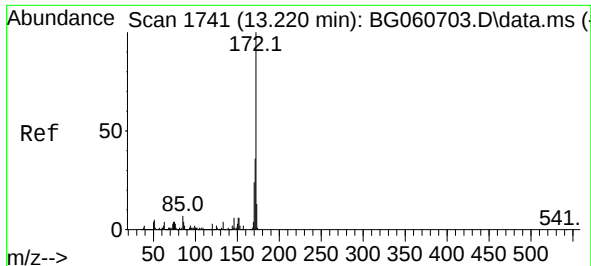


#44
2,4,5-Trichlorophenol
Concen: 50.795 ng
RT: 13.090 min Scan# 1719
Delta R.T. 0.005 min
Lab File: BG060795.D
Acq: 5 Apr 2024 14:20



Tgt Ion:196 Resp: 215640
Ion Ratio Lower Upper
196 100
198 97.2 77.8 116.8
97 43.5 38.2 57.4
132 24.8 20.3 30.5





#45

2-Fluorobiphenyl

Concen: 59.269 ng

RT: 13.213 min Scan# 1740

Delta R.T. -0.006 min

Lab File: BG060795.D

Acq: 5 Apr 2024 14:20

Instrument :

BNA_G

ClientSampleId :

TP1MS

Tgt Ion:172 Resp: 776048

Ion Ratio Lower Upper

172 100

171 36.6 28.7 43.1

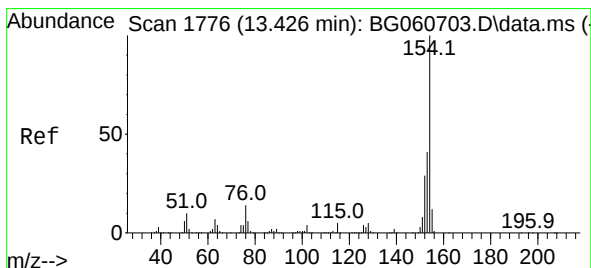
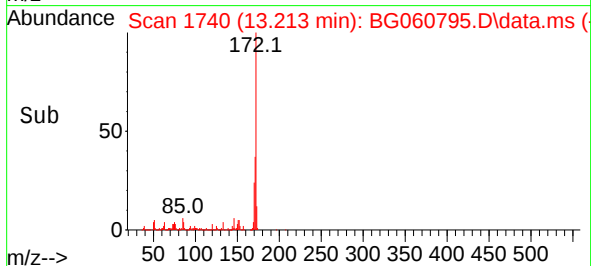
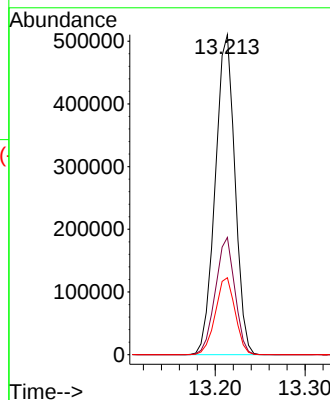
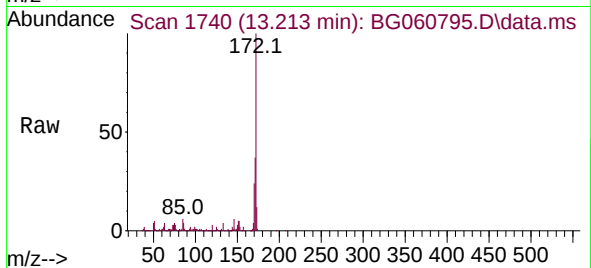
170 24.1 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/08/2024

Supervised By :mohammad ahmed 04/08/2024



#46

1,1'-Biphenyl

Concen: 45.505 ng

RT: 13.419 min Scan# 1775

Delta R.T. -0.006 min

Lab File: BG060795.D

Acq: 5 Apr 2024 14:20

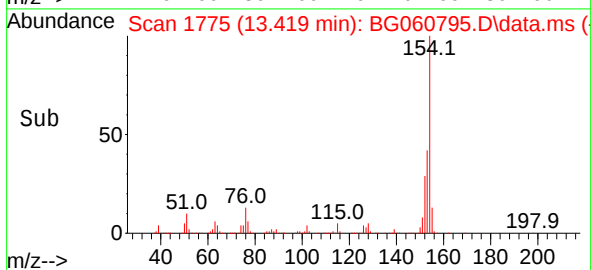
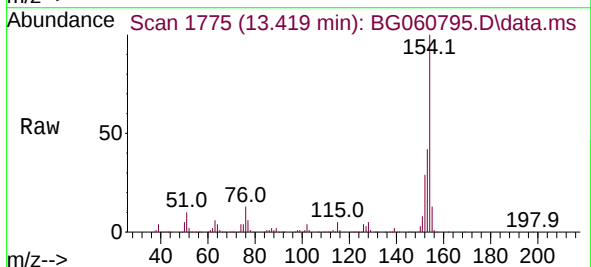
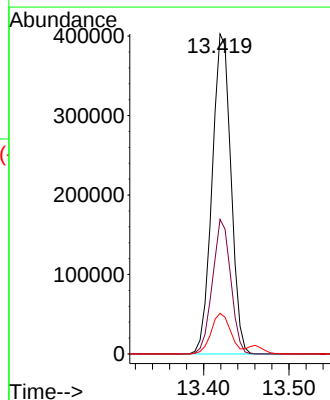
Tgt Ion:154 Resp: 617654

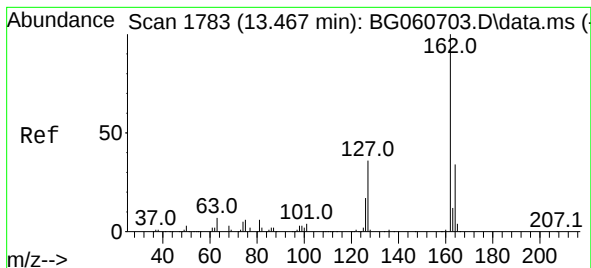
Ion Ratio Lower Upper

154 100

153 42.1 20.8 60.8

76 12.7 0.0 33.9





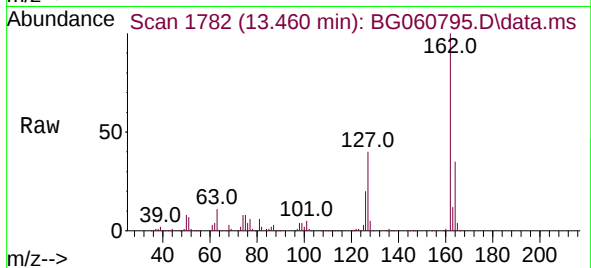
#47
2-Chloronaphthalene
Concen: 47.271 ng
RT: 13.460 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG060795.D
Acq: 5 Apr 2024 14:20

Instrument :

BNA_G

ClientSampleId :

TP1MS



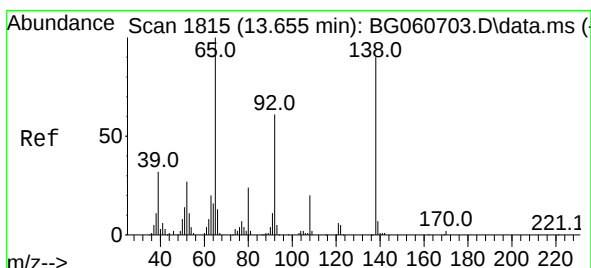
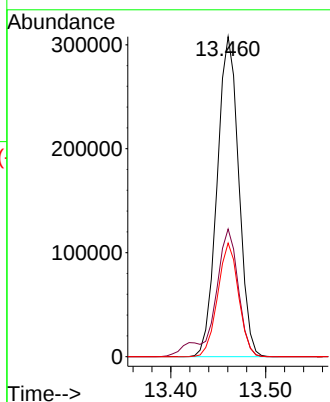
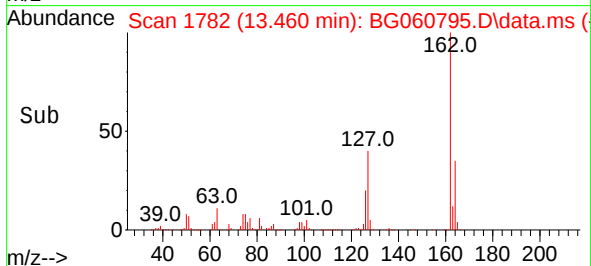
Tgt Ion:162 Resp: 48748
Ion Ratio Lower Upper
162 100
127 39.9 30.6 46.0
164 35.5 26.9 40.3

Manual Integrations

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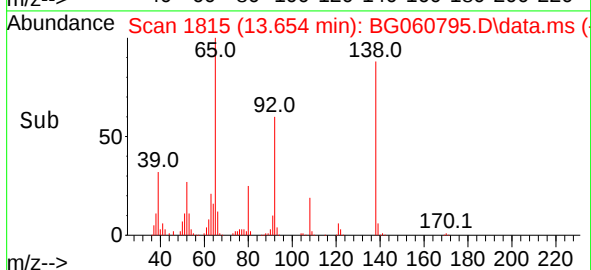
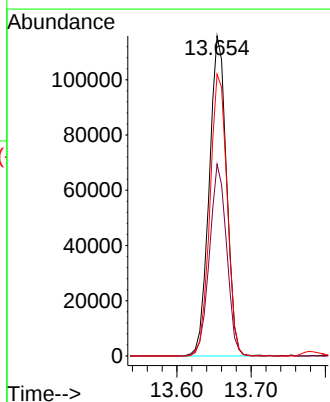
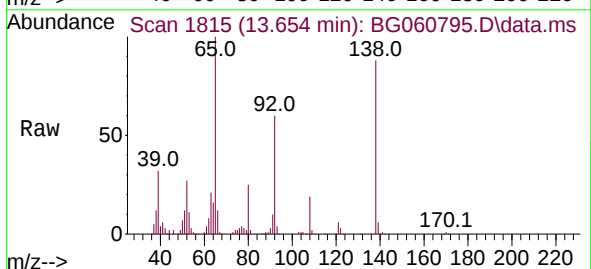
Reviewed By :Yogesh Patel 04/08/2024

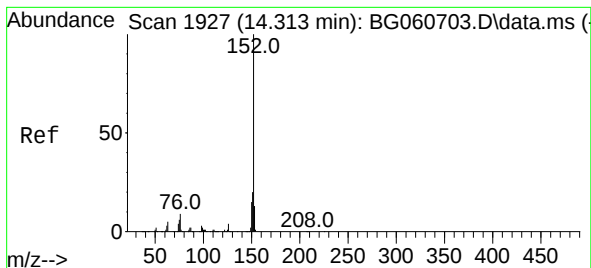
Supervised By :mohammad ahmed 04/08/2024



#48
2-Nitroaniline
Concen: 54.812 ng
RT: 13.654 min Scan# 1815
Delta R.T. -0.001 min
Lab File: BG060795.D
Acq: 5 Apr 2024 14:20

Tgt Ion: 65 Resp: 187715
Ion Ratio Lower Upper
65 100
92 59.9 48.6 72.8
138 88.1 72.2 108.4





#49

Acenaphthylene

Concen: 48.449 ng

RT: 14.306 min Scan# 1927

Delta R.T. -0.007 min

Lab File: BG060795.D

Acq: 5 Apr 2024 14:20

Instrument :

BNA_G

ClientSampleId :

TP1MS

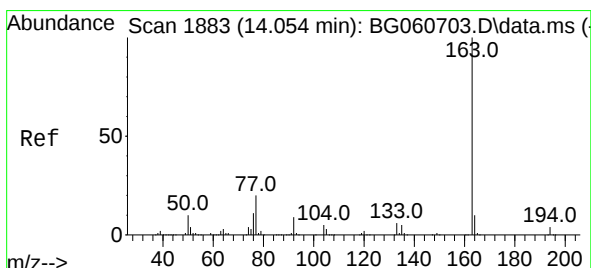
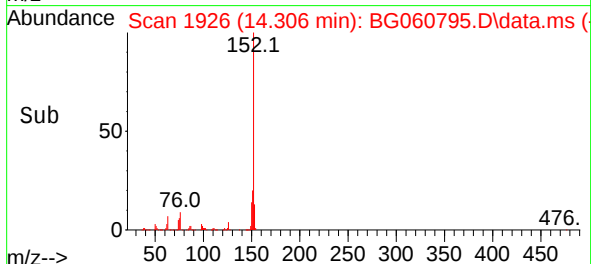
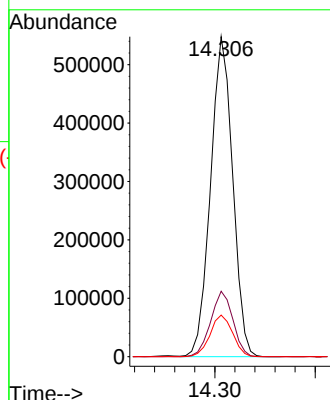
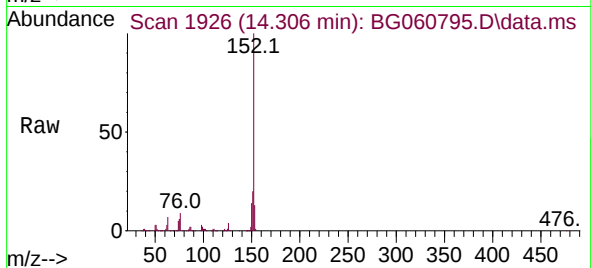
Tgt Ion:152 Resp: 839510
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.4 24.6
 153 13.0 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/08/2024

Supervised By :mohammad ahmed 04/08/2024



#50

Dimethylphthalate

Concen: 44.318 ng

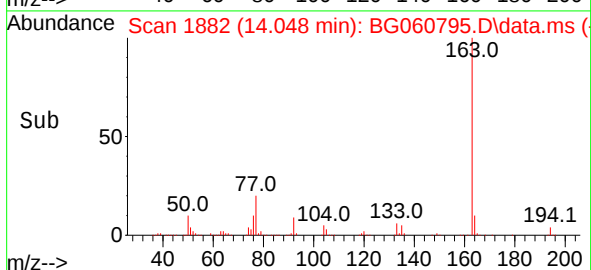
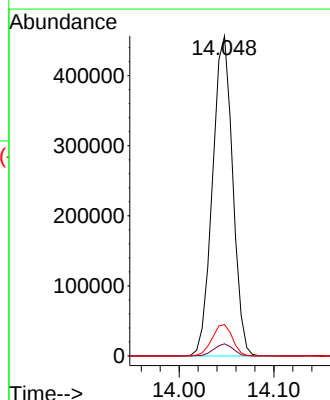
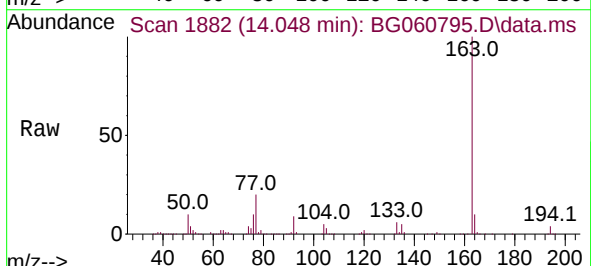
RT: 14.048 min Scan# 1882

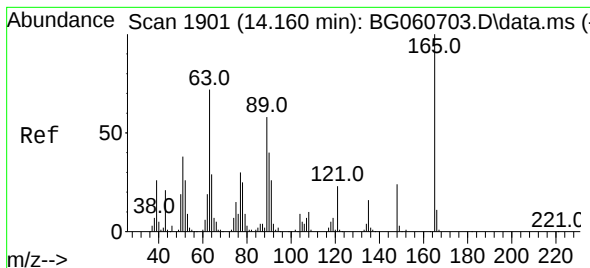
Delta R.T. -0.006 min

Lab File: BG060795.D

Acq: 5 Apr 2024 14:20

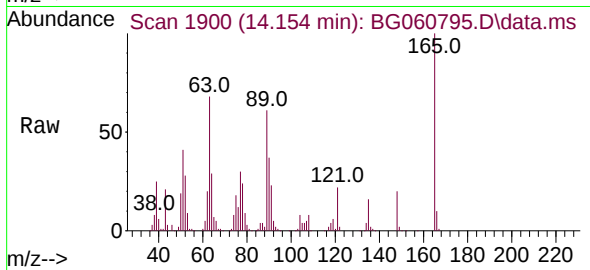
Tgt Ion:163 Resp: 673139
 Ion Ratio Lower Upper
 163 100
 194 3.8 3.0 4.6
 164 9.8 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 52.252 ng
RT: 14.154 min Scan# 1900
Delta R.T. -0.006 min
Lab File: BG060795.D
Acq: 5 Apr 2024 14:20

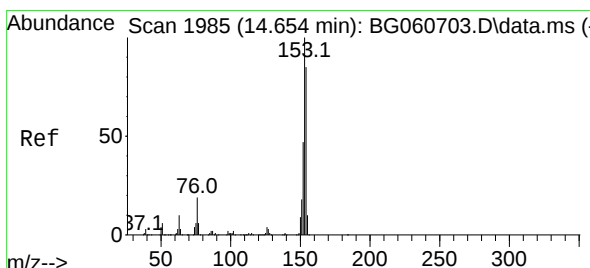
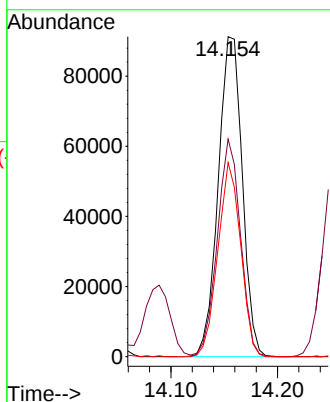
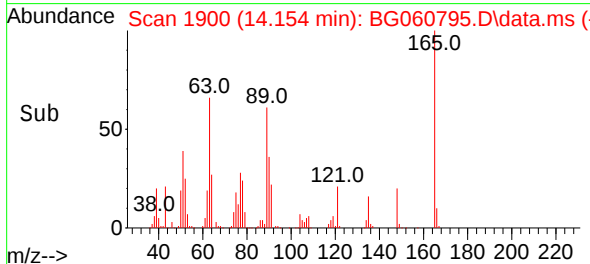
Instrument :
BNA_G
ClientSampleId :
TP1MS



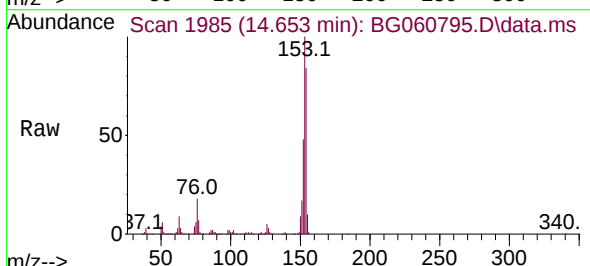
Tgt Ion:165 Resp: 143008
Ion Ratio Lower Upper
165 100
63 68.0 58.2 87.4
89 60.6 46.1 69.1

Manual Integrations
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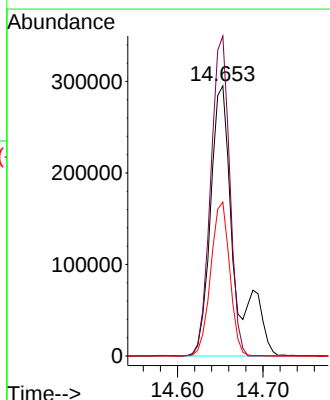
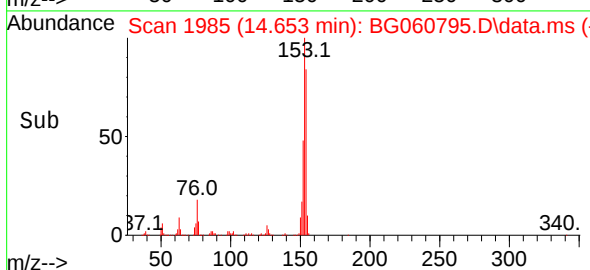
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024

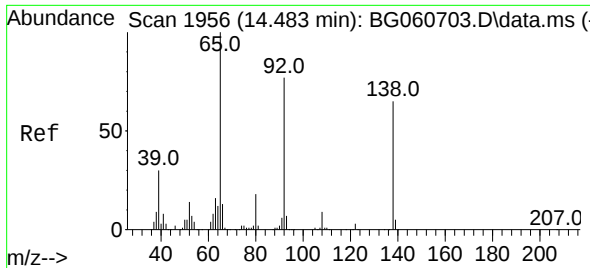


#52
Acenaphthene
Concen: 52.228 ng m
RT: 14.653 min Scan# 1985
Delta R.T. -0.001 min
Lab File: BG060795.D
Acq: 5 Apr 2024 14:20



Tgt Ion:154 Resp: 568208
Ion Ratio Lower Upper
154 100
153 118.4 93.9 140.9
152 57.0 44.1 66.1





#53
3-Nitroaniline
Concen: 28.526 ng
RT: 14.483 min Scan# 1956
Delta R.T. -0.000 min
Lab File: BG060795.D
Acq: 5 Apr 2024 14:20

Instrument :

BNA_G

ClientSampleId :

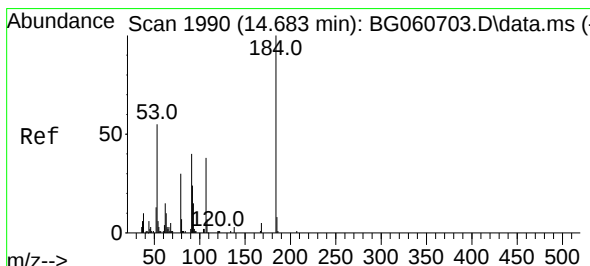
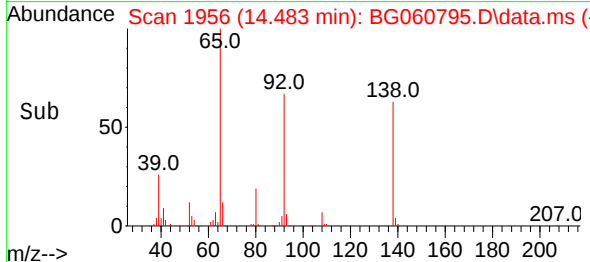
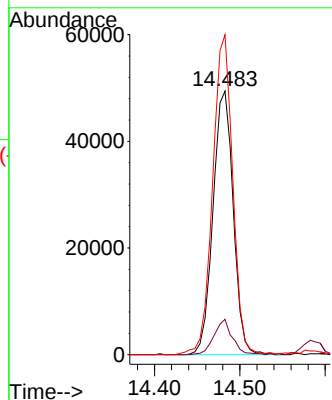
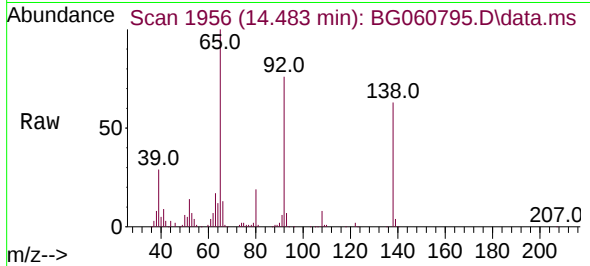
TP1MS

Tgt Ion:138 Resp: 8143
Ion Ratio Lower Upper
138 100
108 13.4 11.3 16.9
92 121.5 94.1 141.1

Manual Integrations

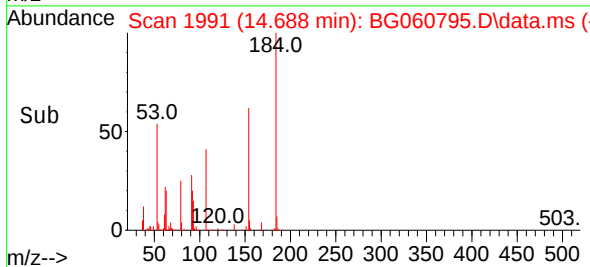
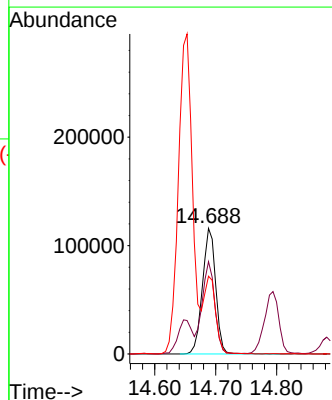
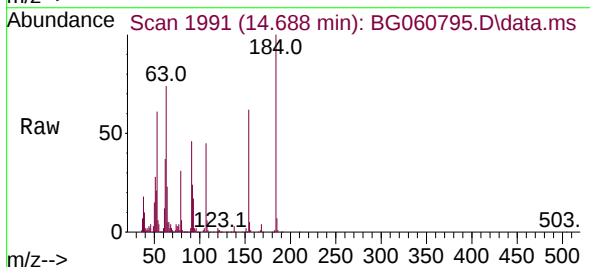
APPROVED

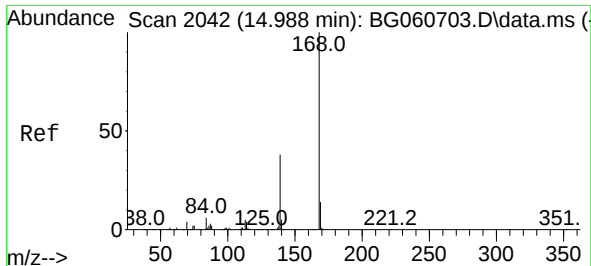
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#54
2,4-Dinitrophenol
Concen: 165.135 ng
RT: 14.688 min Scan# 1991
Delta R.T. 0.005 min
Lab File: BG060795.D
Acq: 5 Apr 2024 14:20

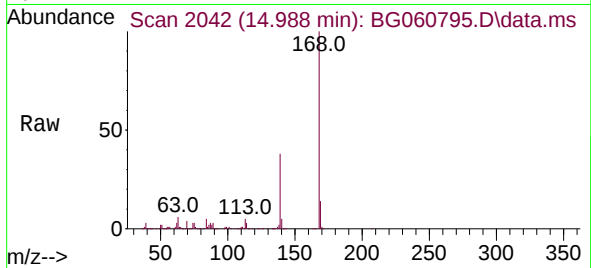
Tgt Ion:184 Resp: 174587
Ion Ratio Lower Upper
184 100
63 73.5 51.3 76.9
154 61.9 59.9 89.9





#55
Dibenzenofuran
Concen: 45.920 ng
RT: 14.988 min Scan# 2042
Delta R.T. -0.000 min
Lab File: BG060795.D
Acq: 5 Apr 2024 14:20

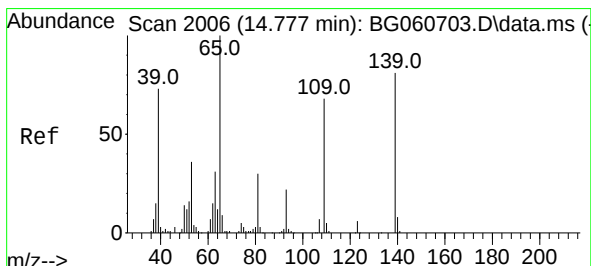
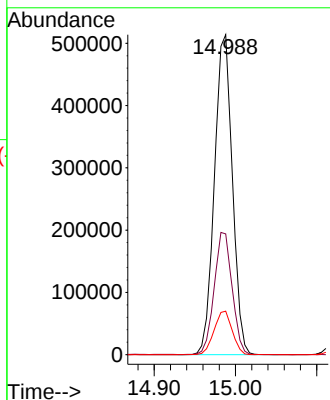
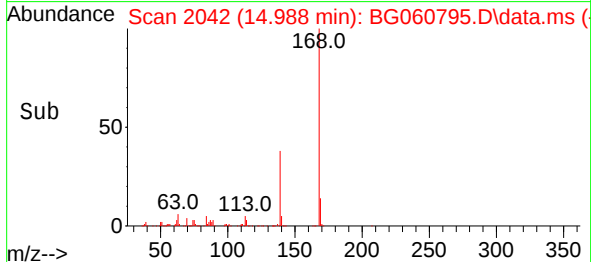
Instrument :
BNA_G
ClientSampleId :
TP1MS



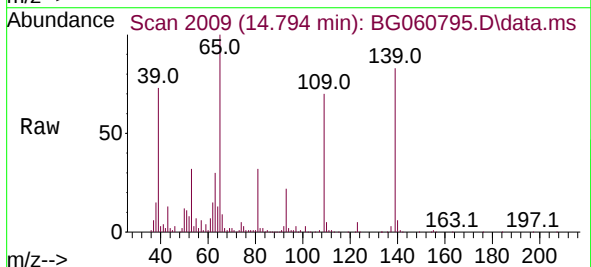
Tgt Ion:168 Resp: 788010
Ion Ratio Lower Upper
168 100
139 37.7 30.1 45.1
169 13.6 11.0 16.4

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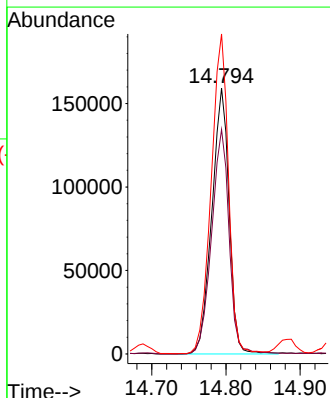
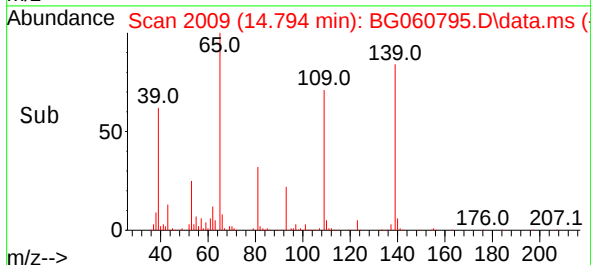
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024

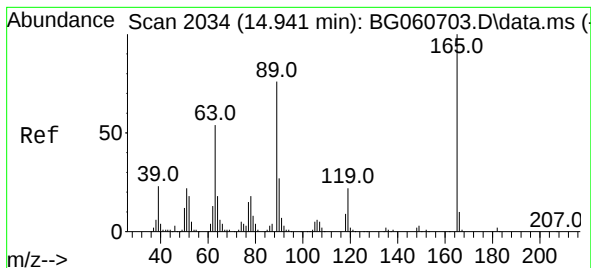


#56
4-Nitrophenol
Concen: 115.823 ng
RT: 14.794 min Scan# 2009
Delta R.T. 0.017 min
Lab File: BG060795.D
Acq: 5 Apr 2024 14:20



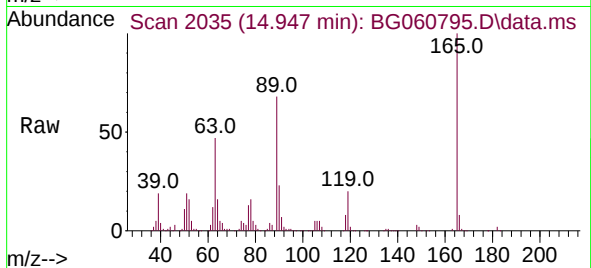
Tgt Ion:139 Resp: 257178
Ion Ratio Lower Upper
139 100
109 84.4 64.0 104.0
65 120.3 104.3 144.3





#57
2,4-Dinitrotoluene
Concen: 58.043 ng
RT: 14.947 min Scan# 21004
Delta R.T. 0.006 min
Lab File: BG060795.D
Acq: 5 Apr 2024 14:20

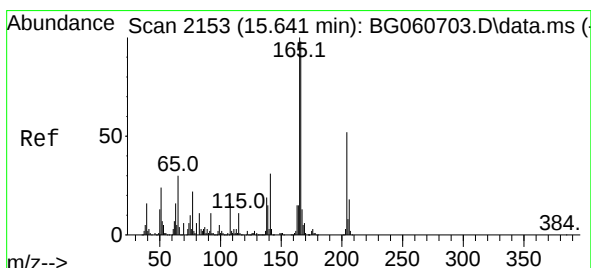
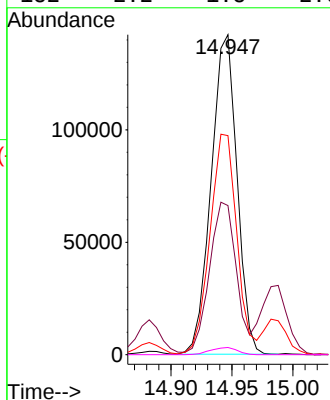
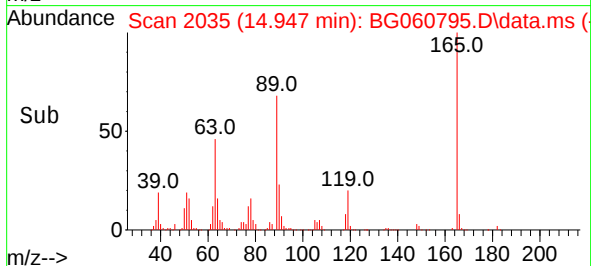
Instrument :
BNA_G
ClientSampleId :
TP1MS



Tgt Ion:165 Resp: 21004
Ion Ratio Lower Upper
165 100
63 46.6 43.4 65.0
89 68.4 61.0 91.6
182 2.2 1.8 2.6

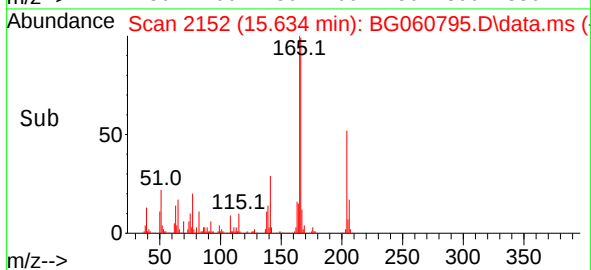
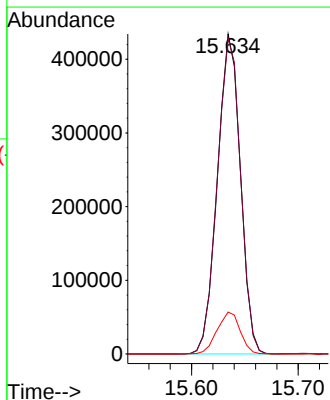
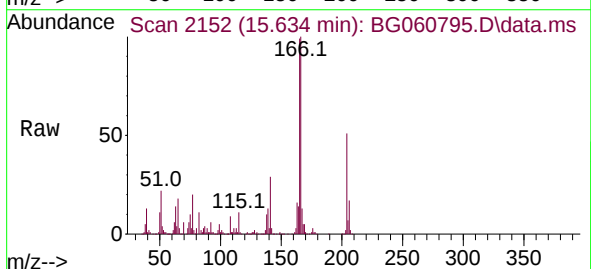
Manual Integrations
APPROVED

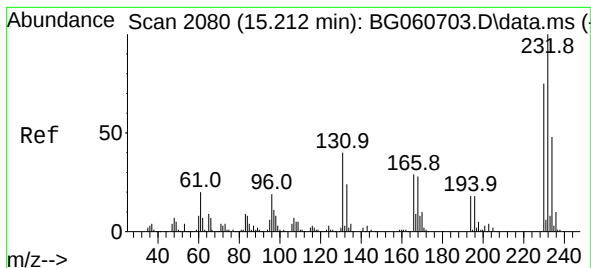
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#58
Fluorene
Concen: 47.133 ng
RT: 15.634 min Scan# 2152
Delta R.T. -0.006 min
Lab File: BG060795.D
Acq: 5 Apr 2024 14:20

Tgt Ion:166 Resp: 649153
Ion Ratio Lower Upper
166 100
165 98.6 81.8 122.8
167 13.1 10.9 16.3





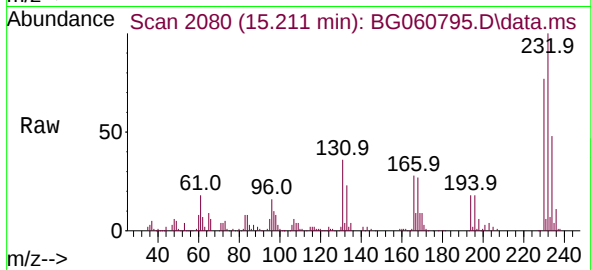
#59
2,3,4,6-Tetrachlorophenol
Concen: 56.624 ng
RT: 15.211 min Scan# 2080
Delta R.T. -0.001 min
Lab File: BG060795.D
Acq: 5 Apr 2024 14:20

Instrument :

BNA_G

ClientSampleId :

TP1MS



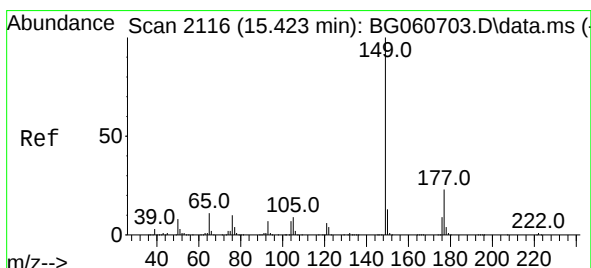
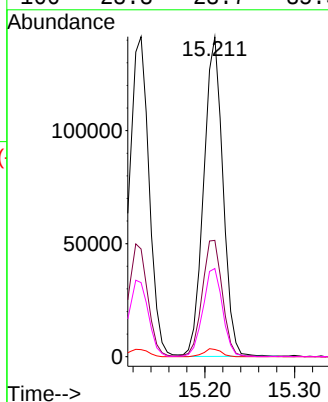
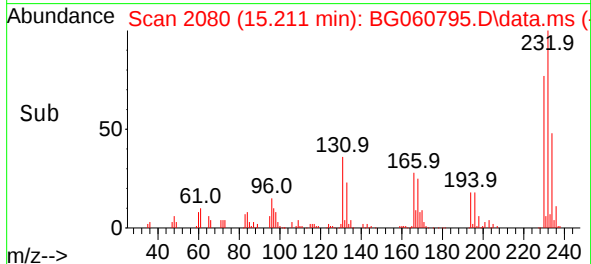
Tgt Ion:232 Resp: 209490
Ion Ratio Lower Upper
232 100
131 38.4 32.2 48.2
130 2.2 2.1 3.1
166 28.3 23.7 35.5

Manual Integrations

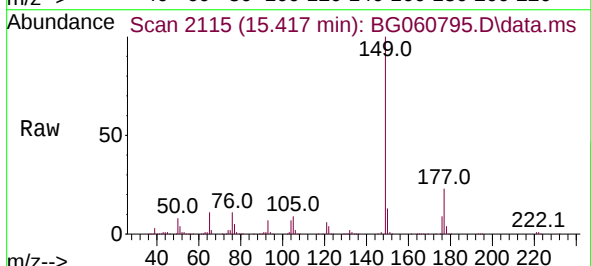
APPROVED

Reviewed By :Yogesh Patel 04/08/2024

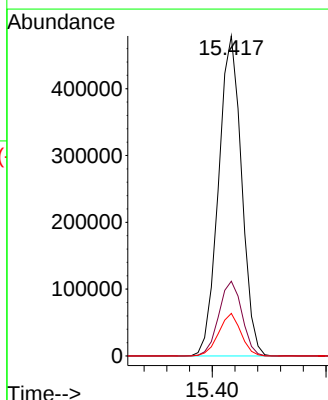
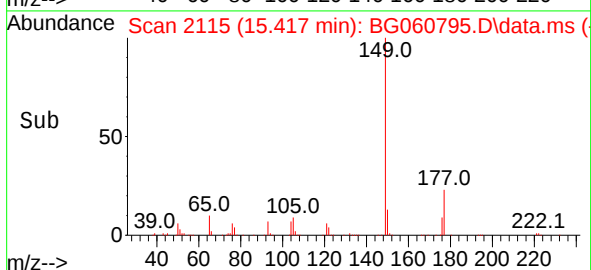
Supervised By :mohammad ahmed 04/08/2024

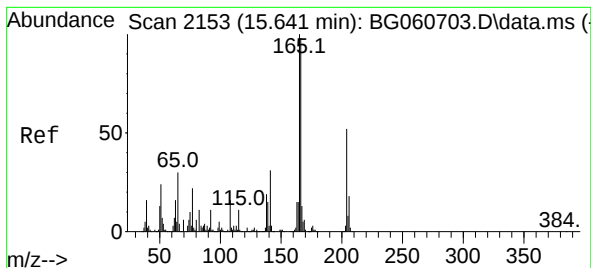


#60
Diethylphthalate
Concen: 44.156 ng
RT: 15.417 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BG060795.D
Acq: 5 Apr 2024 14:20



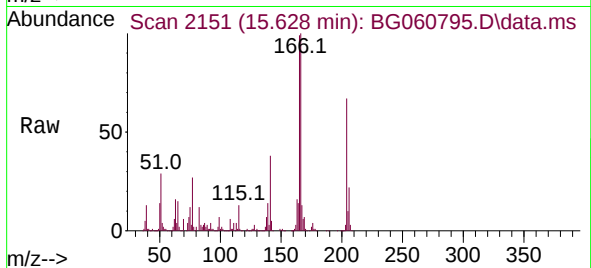
Tgt Ion:149 Resp: 674757
Ion Ratio Lower Upper
149 100
177 23.3 18.0 27.0
150 13.3 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 46.497 ng
RT: 15.628 min Scan# 2151
Delta R.T. -0.013 min
Lab File: BG060795.D
Acq: 5 Apr 2024 14:20

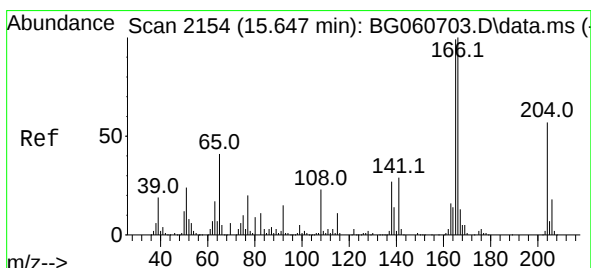
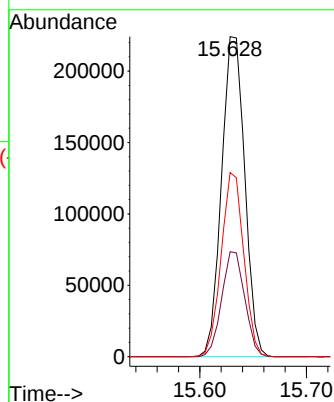
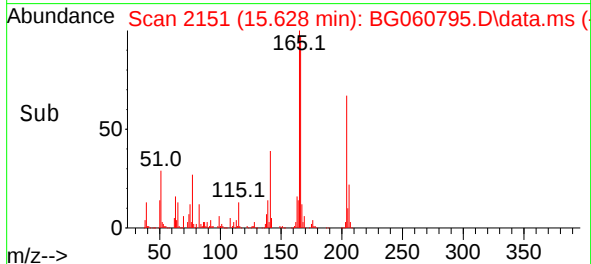
Instrument :
BNA_G
ClientSampleId :
TP1MS



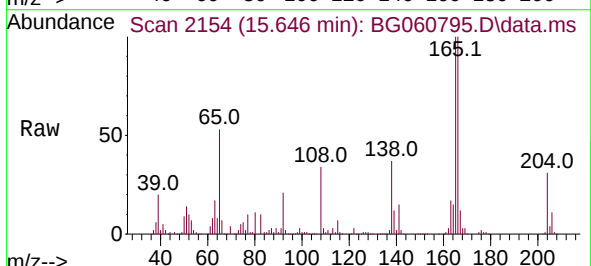
Tgt Ion:204 Resp: 33879
Ion Ratio Lower Upper
204 100
206 32.8 28.3 42.5
141 57.5 47.2 70.8

Manual Integrations
APPROVED

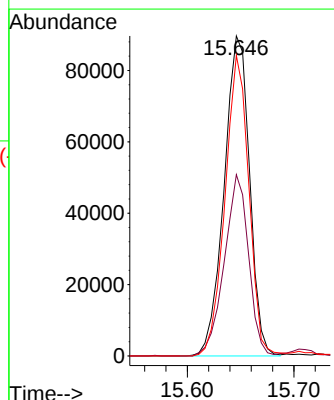
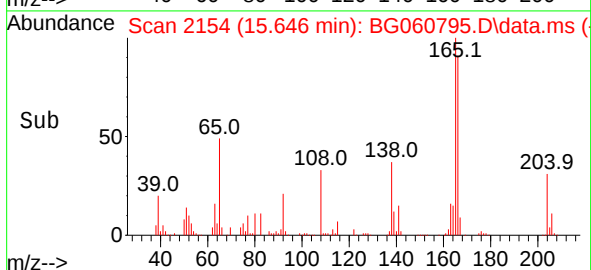
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024

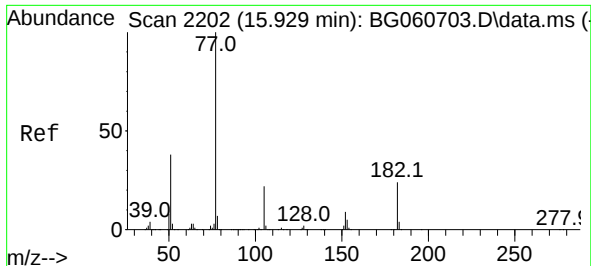


#62
4-Nitroaniline
Concen: 53.470 ng
RT: 15.646 min Scan# 2154
Delta R.T. -0.001 min
Lab File: BG060795.D
Acq: 5 Apr 2024 14:20



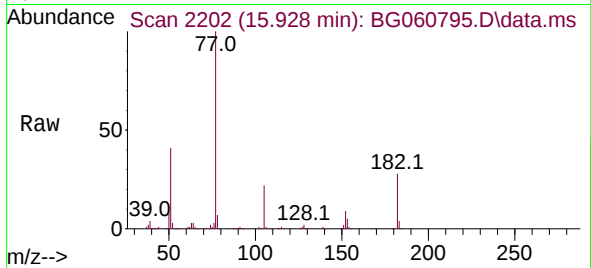
Tgt Ion:138 Resp: 148487
Ion Ratio Lower Upper
138 100
92 56.7 36.8 76.8
108 93.9 66.9 106.9





#63
Azobenzene
Concen: 44.711 ng
RT: 15.928 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG060795.D
Acq: 5 Apr 2024 14:20

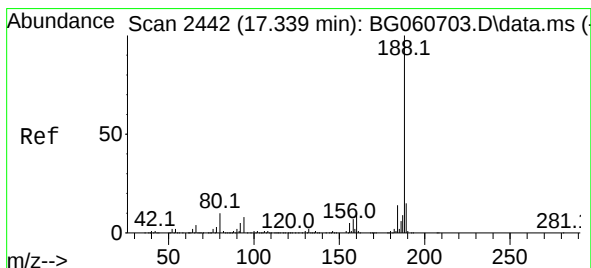
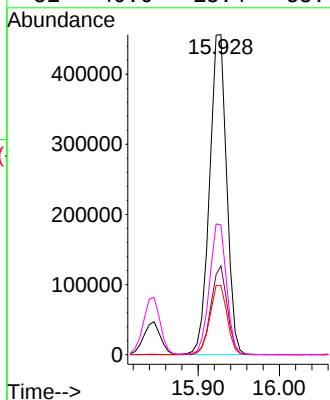
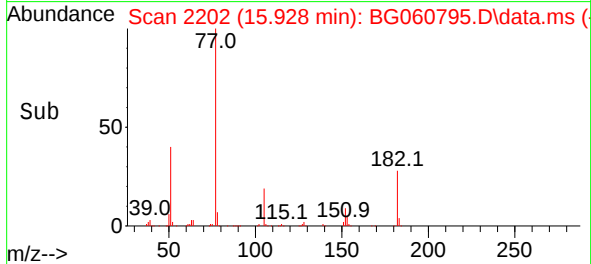
Instrument :
BNA_G
ClientSampleId :
TP1MS



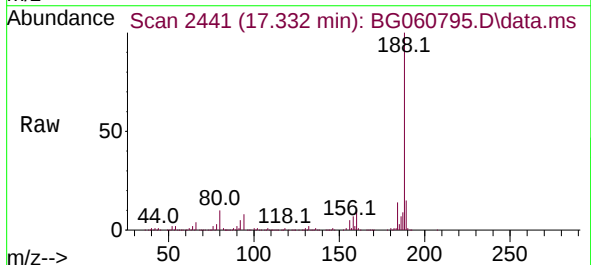
Tgt Ion: 77 Resp: 66577
Ion Ratio Lower Upper
77 100
182 27.8 3.9 43.9
105 21.6 1.7 41.7
51 40.6 18.4 58.4

Manual Integrations
APPROVED

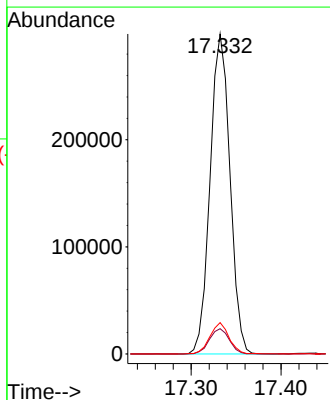
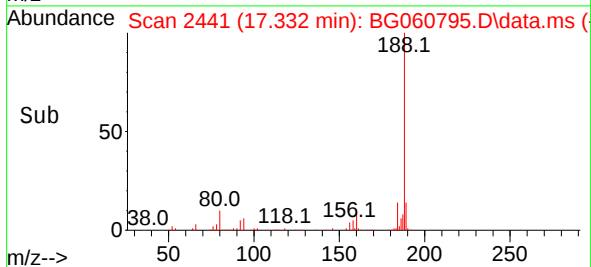
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024

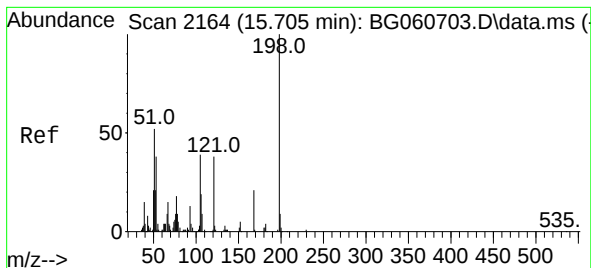


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.332 min Scan# 2441
Delta R.T. -0.006 min
Lab File: BG060795.D
Acq: 5 Apr 2024 14:20



Tgt Ion:188 Resp: 458734
Ion Ratio Lower Upper
188 100
94 7.9 6.6 9.8
80 9.8 7.6 11.4





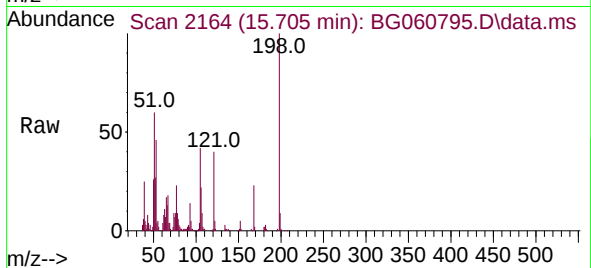
#65
4,6-Dinitro-2-methylphenol
Concen: 63.370 ng
RT: 15.705 min Scan# 2164
Delta R.T. -0.000 min
Lab File: BG060795.D
Acq: 5 Apr 2024 14:20

Instrument :

BNA_G

ClientSampleId :

TP1MS

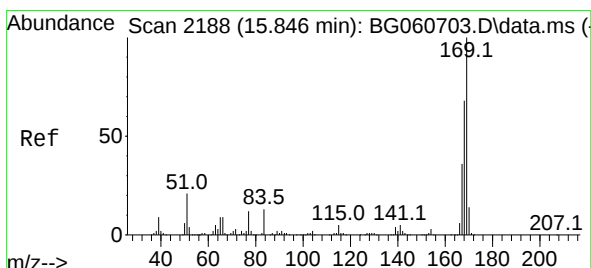
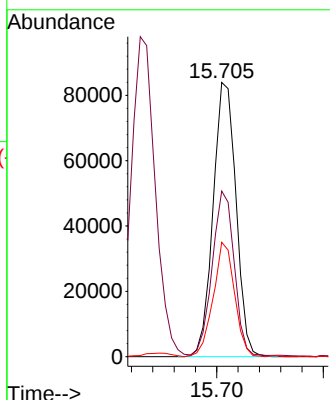
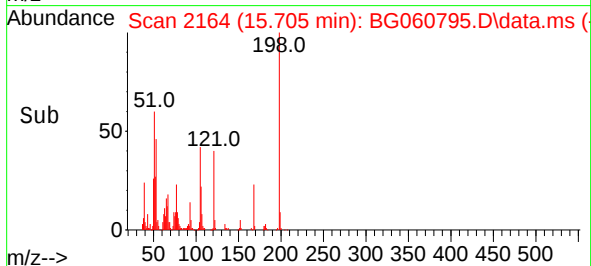


Tgt Ion:198 Resp: 124965
Ion Ratio Lower Upper
198 100
51 60.4 36.7 76.7
105 41.7 19.1 59.1

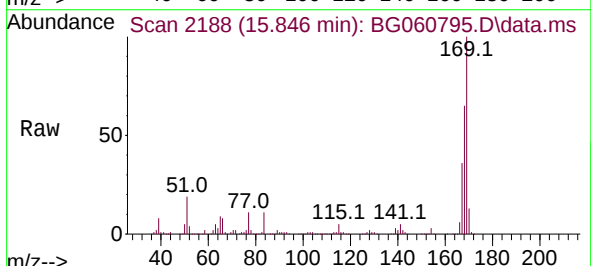
Manual Integrations

APPROVED

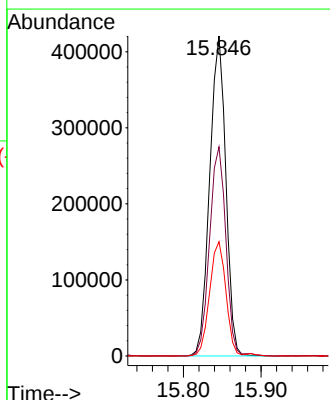
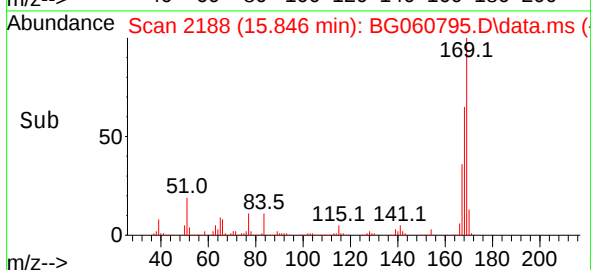
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024

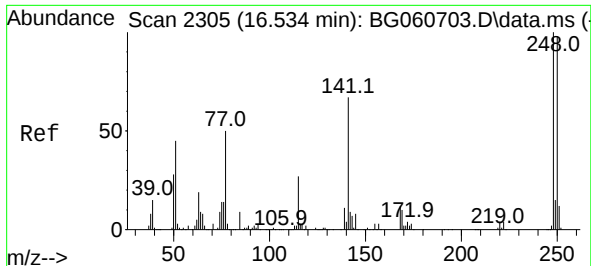


#66
n-Nitrosodiphenylamine
Concen: 46.266 ng
RT: 15.846 min Scan# 2188
Delta R.T. -0.001 min
Lab File: BG060795.D
Acq: 5 Apr 2024 14:20



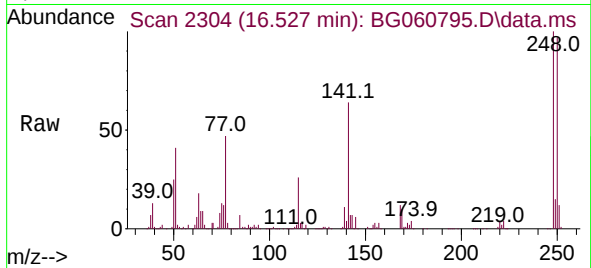
Tgt Ion:169 Resp: 606495
Ion Ratio Lower Upper
169 100
168 65.3 54.5 81.7
167 35.7 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 51.688 ng
RT: 16.527 min Scan# 24063
Delta R.T. -0.007 min
Lab File: BG060795.D
Acq: 5 Apr 2024 14:20

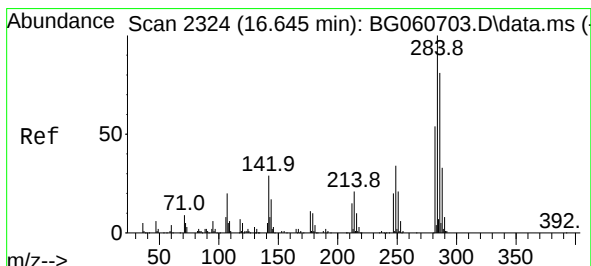
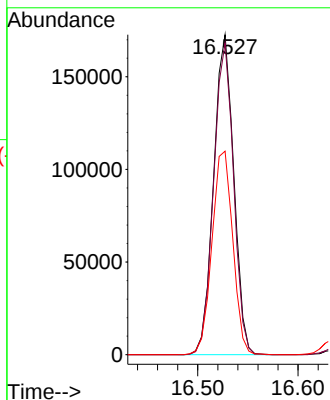
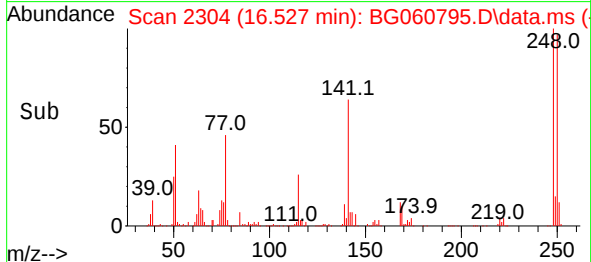
Instrument :
BNA_G
ClientSampleId :
TP1MS



Tgt Ion:248 Resp: 24063
Ion Ratio Lower Upper
248 100
250 97.3 78.3 117.5
141 63.6 53.7 80.5

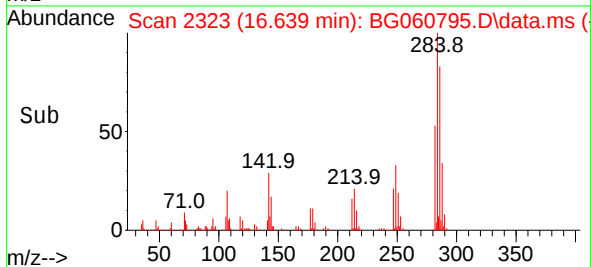
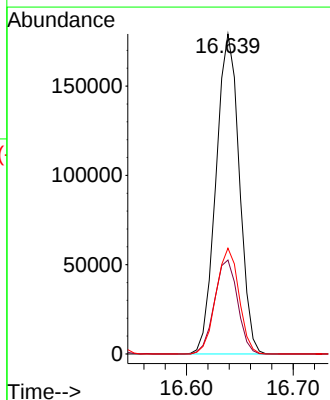
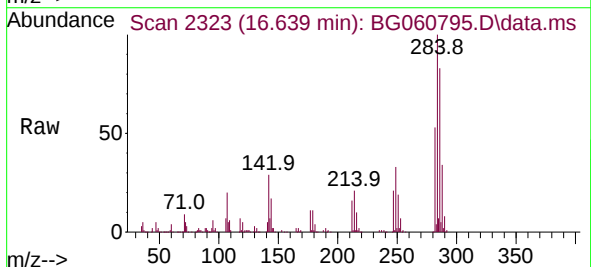
Manual Integrations
APPROVED

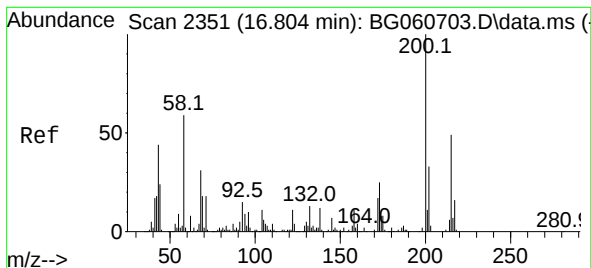
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#68
Hexachlorobenzene
Concen: 51.634 ng
RT: 16.639 min Scan# 2323
Delta R.T. -0.006 min
Lab File: BG060795.D
Acq: 5 Apr 2024 14:20

Tgt Ion:284 Resp: 271363
Ion Ratio Lower Upper
284 100
142 29.3 22.9 34.3
249 33.1 27.1 40.7





#69

Atrazine

Concen: 50.521 ng

RT: 16.798 min Scan# 23159

Delta R.T. -0.006 min

Lab File: BG060795.D

Acq: 5 Apr 2024 14:20

Instrument :

BNA_G

ClientSampleId :

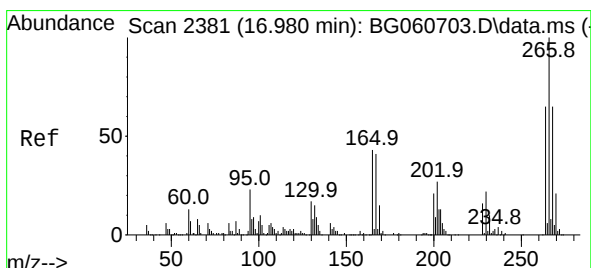
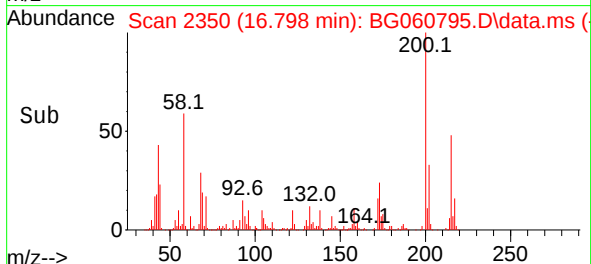
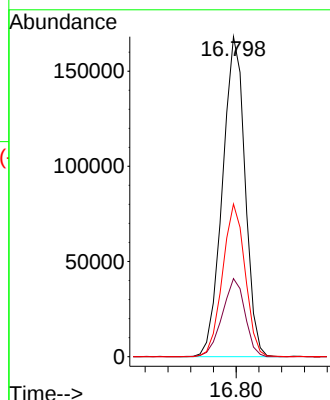
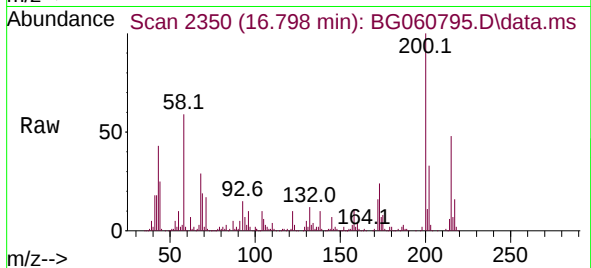
TP1MS

Tgt Ion:200 Resp: 23159
 Ion Ratio Lower Upper
 200 100
 173 24.4 5.2 45.2
 215 47.7 28.8 68.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/08/2024
 Supervised By :mohammad ahmed 04/08/2024



#70

Pentachlorophenol

Concen: 109.337 ng

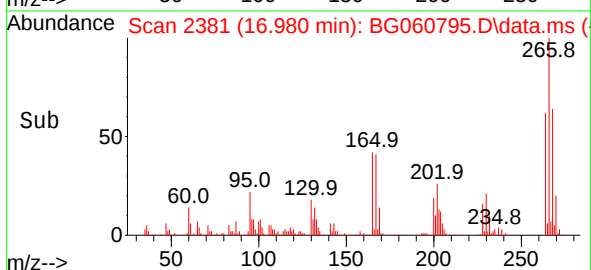
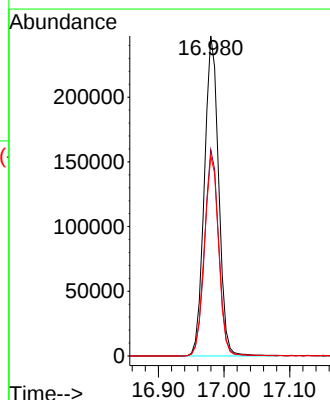
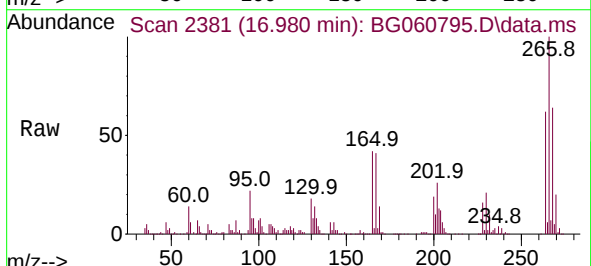
RT: 16.980 min Scan# 2381

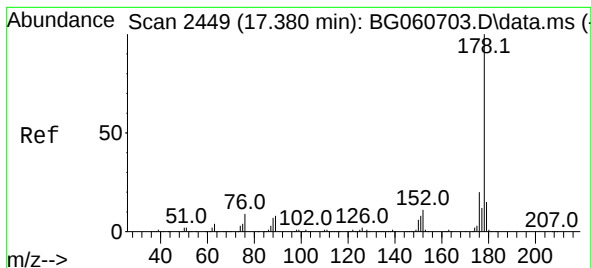
Delta R.T. -0.001 min

Lab File: BG060795.D

Acq: 5 Apr 2024 14:20

Tgt Ion:266 Resp: 374940
 Ion Ratio Lower Upper
 266 100
 268 64.5 52.2 78.4
 264 62.4 51.8 77.6





#71

Phenanthrene

Concen: 46.176 ng

RT: 17.373 min Scan# 2449

Delta R.T. -0.006 min

Lab File: BG060795.D

Acq: 5 Apr 2024 14:20

Instrument :

BNA_G

ClientSampleId :

TP1MS

Tgt Ion:178 Resp: 110166

Ion Ratio Lower Upper

178 100

176 19.9 15.8 23.6

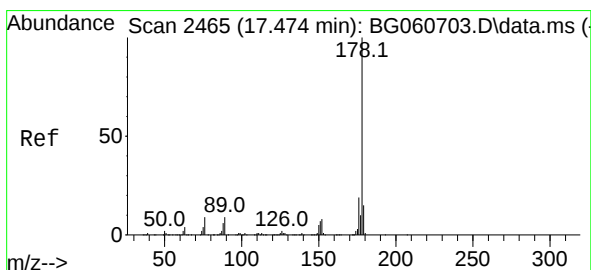
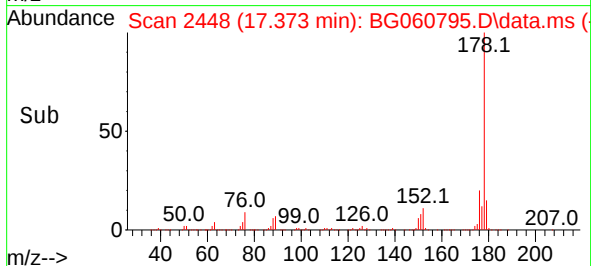
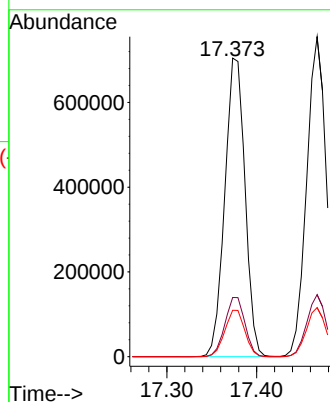
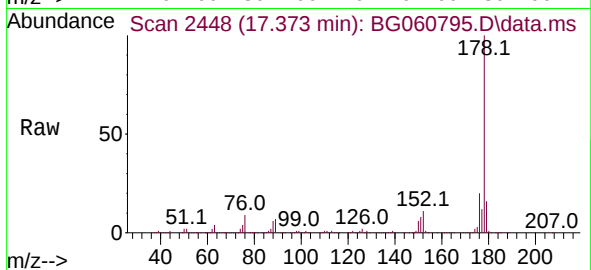
179 15.5 12.2 18.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/08/2024

Supervised By :mohammad ahmed 04/08/2024



#72

Anthracene

Concen: 46.900 ng

RT: 17.467 min Scan# 2464

Delta R.T. -0.007 min

Lab File: BG060795.D

Acq: 5 Apr 2024 14:20

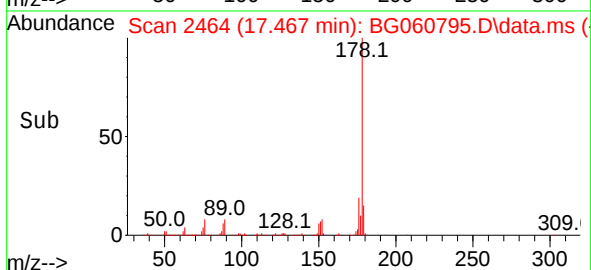
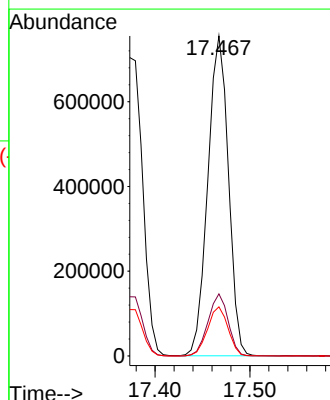
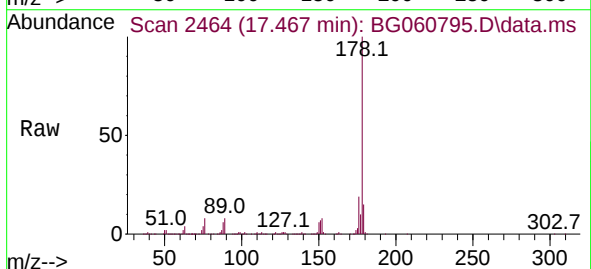
Tgt Ion:178 Resp: 1136349

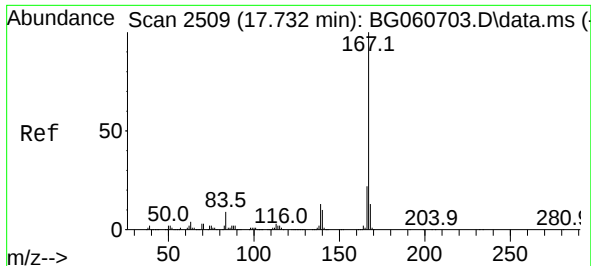
Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

179 15.3 12.2 18.2





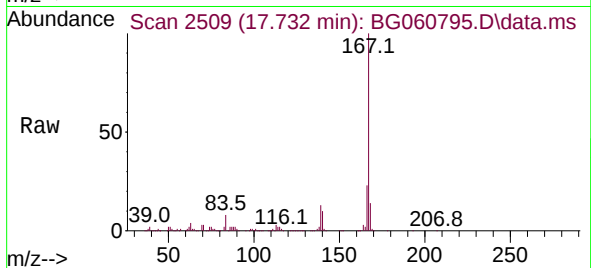
#73
 Carbazole
 Concen: 45.956 ng
 RT: 17.732 min Scan# 2509
 Delta R.T. -0.001 min
 Lab File: BG060795.D
 Acq: 5 Apr 2024 14:20

Instrument :

BNA_G

ClientSampleId :

TP1MS

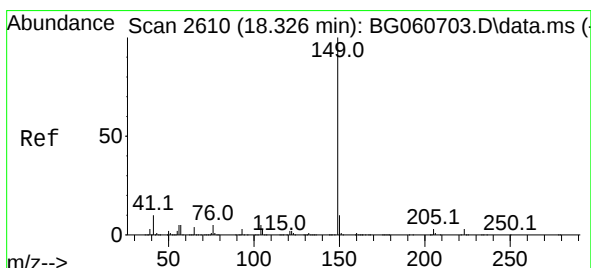
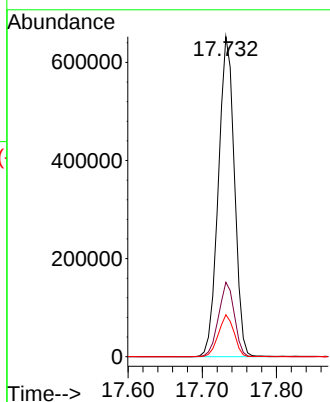
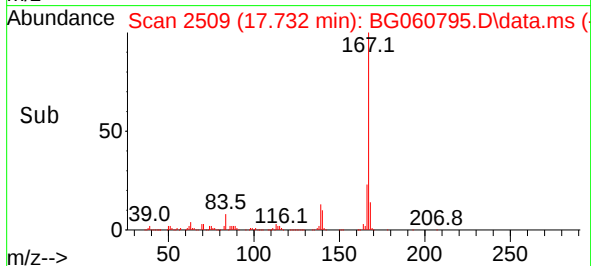


Tgt Ion:167 Resp: 981729
 Ion Ratio Lower Upper
 167 100
 166 23.3 18.0 27.0
 139 13.1 10.5 15.7

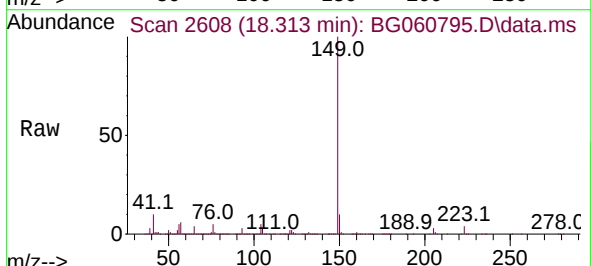
Manual Integrations

APPROVED

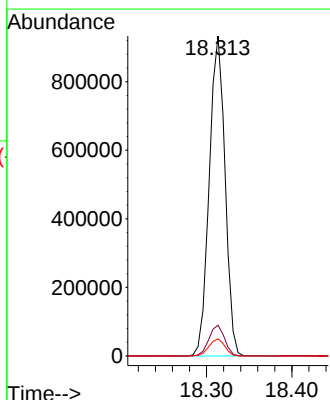
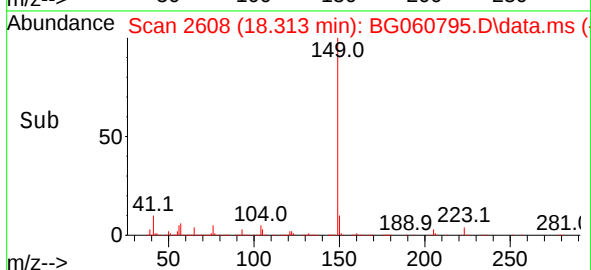
Reviewed By :Yogesh Patel 04/08/2024
 Supervised By :mohammad ahmed 04/08/2024

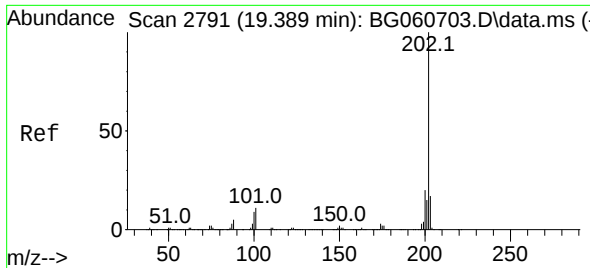


#74
 Di-n-butylphthalate
 Concen: 45.040 ng
 RT: 18.313 min Scan# 2608
 Delta R.T. -0.013 min
 Lab File: BG060795.D
 Acq: 5 Apr 2024 14:20



Tgt Ion:149 Resp: 1199538
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.7 11.5
 104 5.3 4.2 6.4





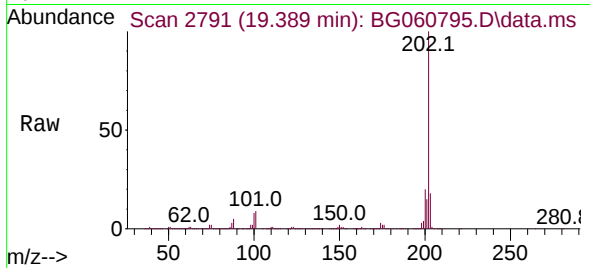
#75
Fluoranthene
Concen: 45.589 ng
RT: 19.389 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG060795.D
Acq: 5 Apr 2024 14:20

Instrument :

BNA_G

ClientSampleId :

TP1MS



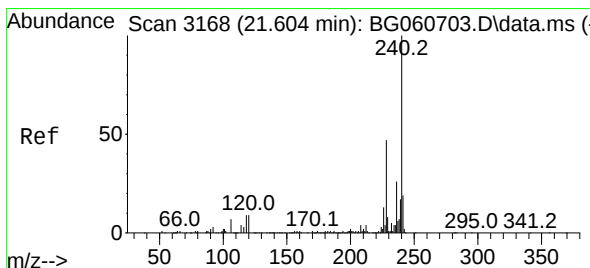
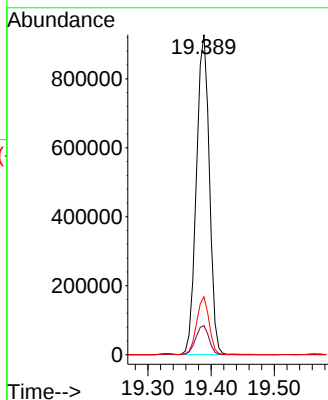
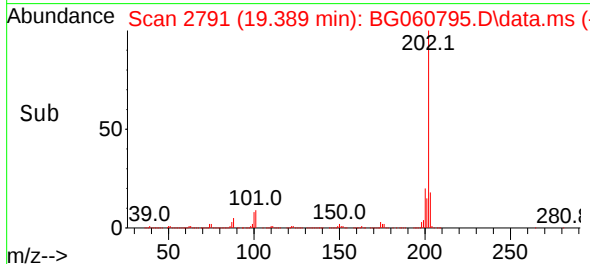
Tgt Ion:202 Resp: 131981
Ion Ratio Lower Upper
202 100
101 9.1 0.0 30.8
203 18.1 0.0 37.4

Manual Integrations

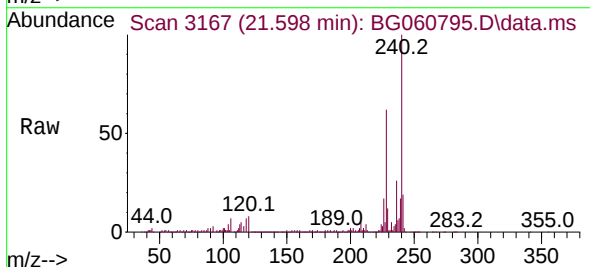
APPROVED

Reviewed By :Yogesh Patel 04/08/2024

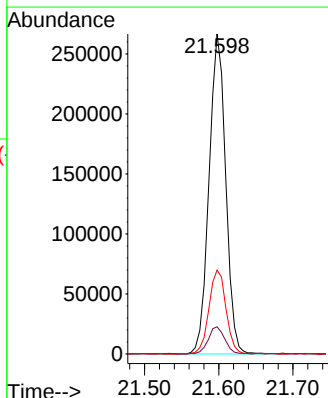
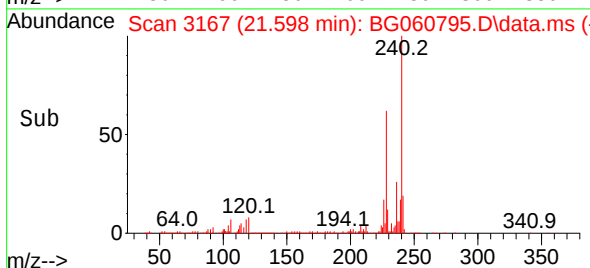
Supervised By :mohammad ahmed 04/08/2024

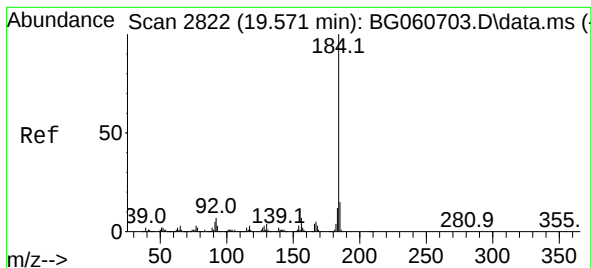


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.598 min Scan# 3167
Delta R.T. -0.006 min
Lab File: BG060795.D
Acq: 5 Apr 2024 14:20



Tgt Ion:240 Resp: 415914
Ion Ratio Lower Upper
240 100
120 8.5 7.1 10.7
236 26.2 20.7 31.1





#77

Benzidine

Concen: 44.650 ng

RT: 19.565 min Scan# 2821

Delta R.T. -0.006 min

Lab File: BG060795.D

Acq: 5 Apr 2024 14:20

Instrument :

BNA_G

ClientSampleId :

TP1MS

Tgt Ion:184 Resp: 48900

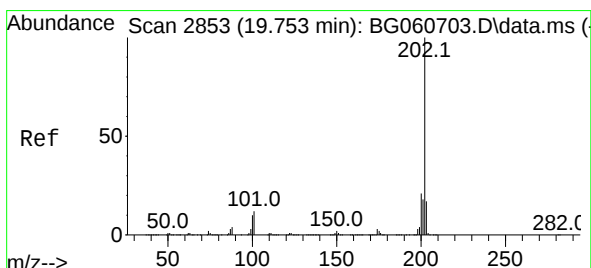
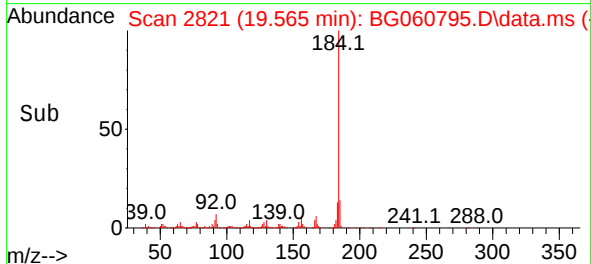
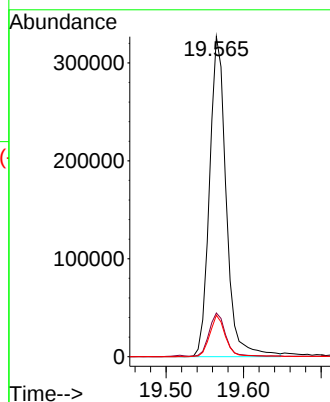
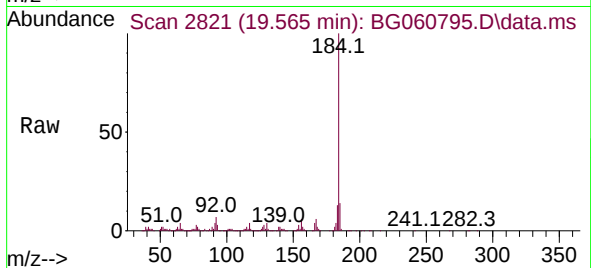
Ion	Ratio	Lower	Upper
184	100		
185	13.7	11.8	17.6
183	13.0	9.5	14.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/08/2024

Supervised By :mohammad ahmed 04/08/2024



#78

Pyrene

Concen: 46.950 ng

RT: 19.747 min Scan# 2852

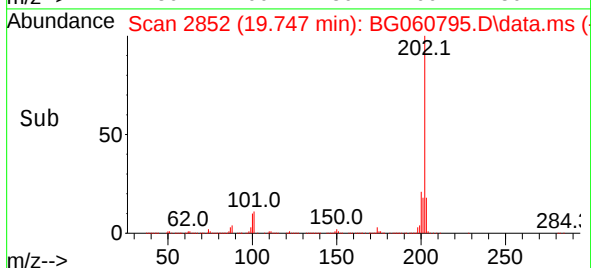
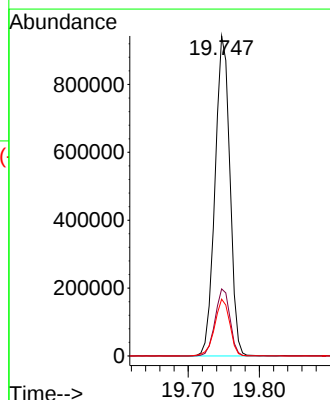
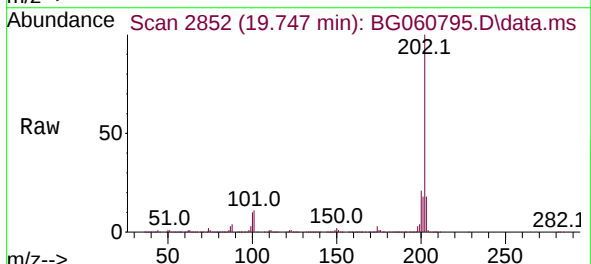
Delta R.T. -0.006 min

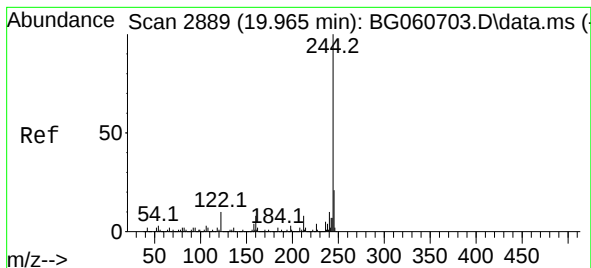
Lab File: BG060795.D

Acq: 5 Apr 2024 14:20

Tgt Ion:202 Resp: 1365680

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.0	25.4
203	17.8	14.0	21.0





#79

Terphenyl-d14

Concen: 60.313 ng

RT: 19.959 min Scan# 2

Delta R.T. -0.006 min BNA_G

Lab File: BG060795.D

Acq: 5 Apr 2024 14:20

Instrument :

BNA_G

ClientSampleId :

TP1MS

Tgt Ion:244 Resp: 142459

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

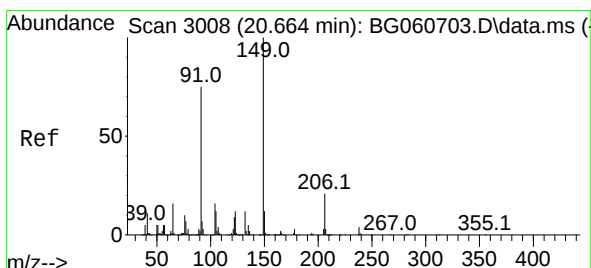
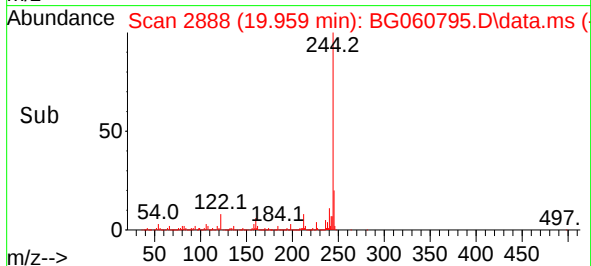
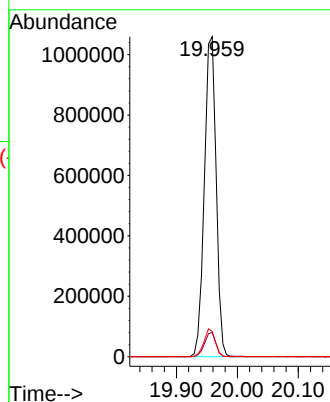
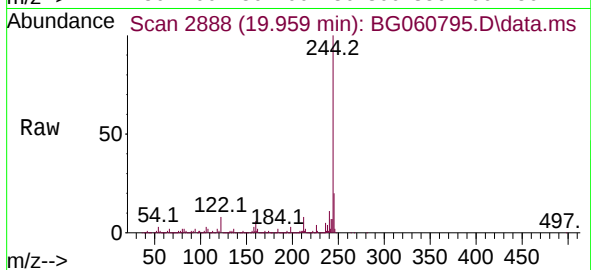
122 7.9 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/08/2024

Supervised By :mohammad ahmed 04/08/2024



#80

Butylbenzylphthalate

Concen: 50.429 ng

RT: 20.658 min Scan# 3007

Delta R.T. -0.006 min

Lab File: BG060795.D

Acq: 5 Apr 2024 14:20

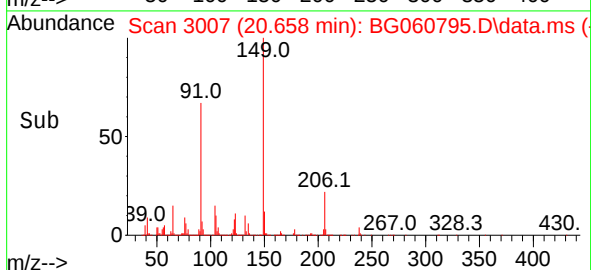
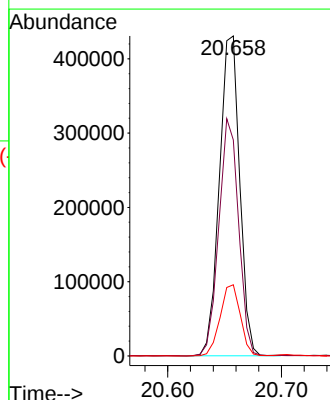
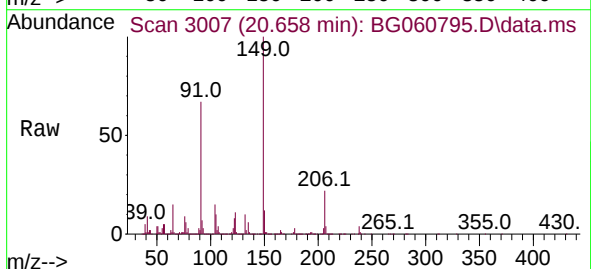
Tgt Ion:149 Resp: 535101

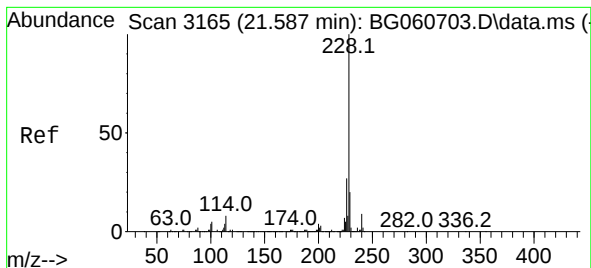
Ion Ratio Lower Upper

149 100

91 67.5 60.1 90.1

206 22.2 16.8 25.2





#81

Benzo(a)anthracene

Concen: 47.889 ng

RT: 21.580 min Scan# 3165

Delta R.T. -0.006 min

Lab File: BG060795.D

Acq: 5 Apr 2024 14:20

Instrument :

BNA_G

ClientSampleId :

TP1MS

Tgt Ion:228 Resp: 140399

Ion Ratio Lower Upper

228 100

226 28.1 21.7 32.5

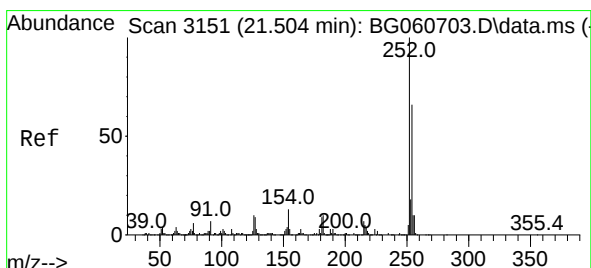
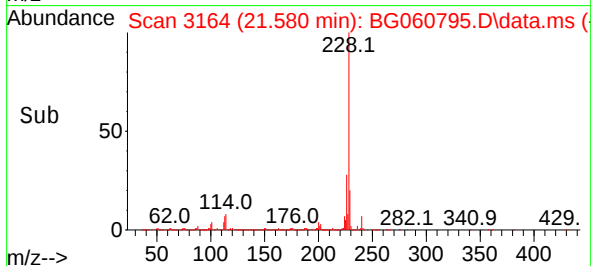
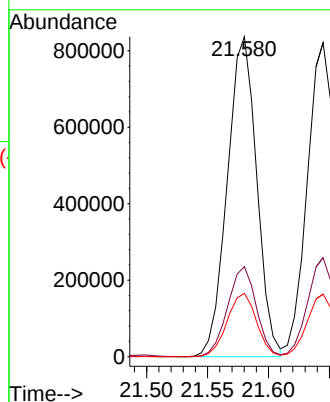
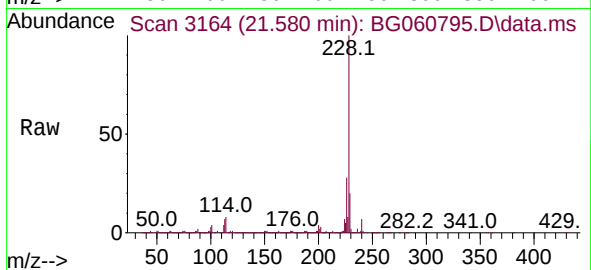
229 19.8 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/08/2024

Supervised By :mohammad ahmed 04/08/2024



#82

3,3'-Dichlorobenzidine

Concen: 35.880 ng

RT: 21.498 min Scan# 3150

Delta R.T. -0.006 min

Lab File: BG060795.D

Acq: 5 Apr 2024 14:20

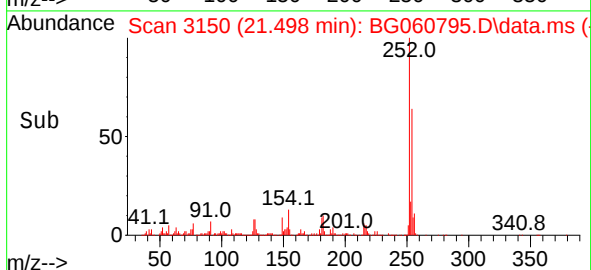
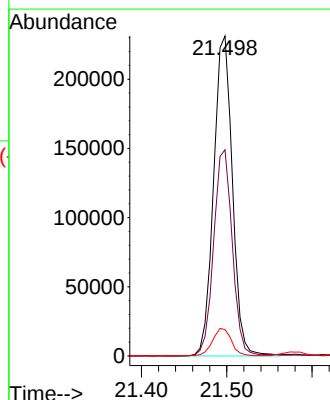
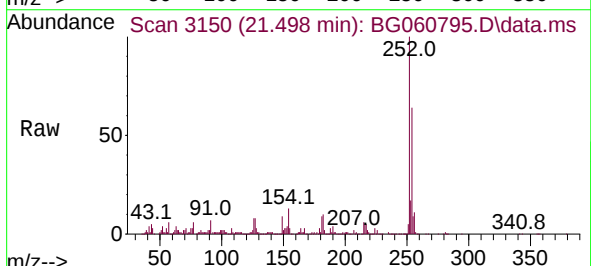
Tgt Ion:252 Resp: 355187

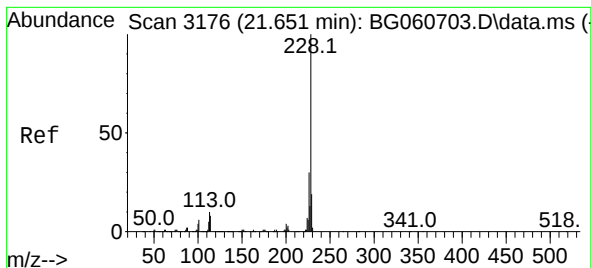
Ion Ratio Lower Upper

252 100

254 64.5 52.6 78.8

126 8.2 7.8 11.8





#83

Chrysene

Concen: 47.263 ng

RT: 21.645 min Scan# 3175

Delta R.T. -0.006 min

Lab File: BG060795.D

Acq: 5 Apr 2024 14:20

Instrument :

BNA_G

ClientSampleId :

TP1MS

Tgt Ion:228 Resp: 133554

Ion Ratio Lower Upper

228 100

226 31.5 24.2 36.4

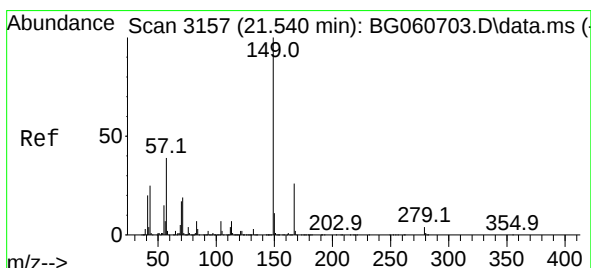
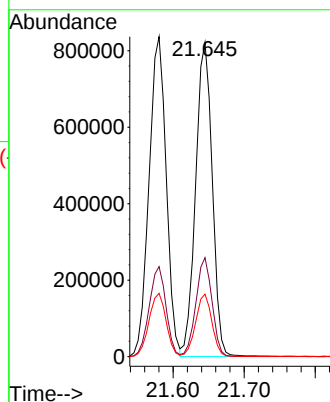
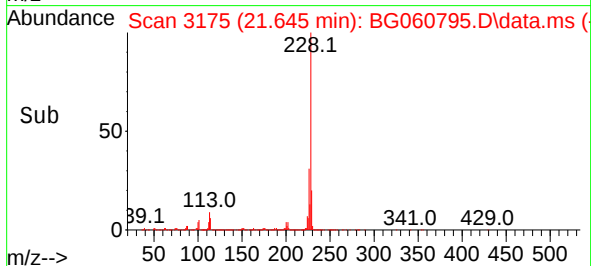
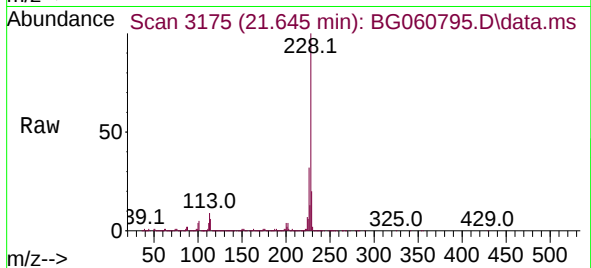
229 19.9 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/08/2024

Supervised By :mohammad ahmed 04/08/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.228 ng

RT: 21.521 min Scan# 3154

Delta R.T. -0.018 min

Lab File: BG060795.D

Acq: 5 Apr 2024 14:20

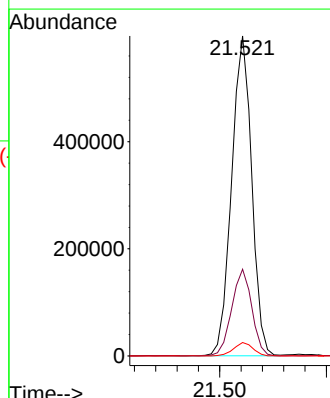
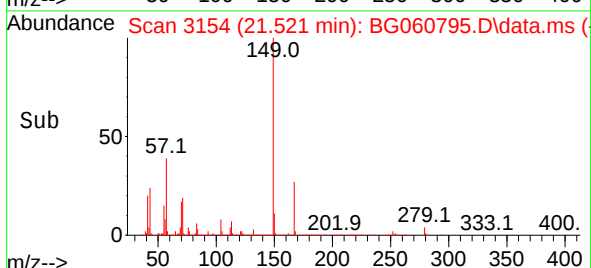
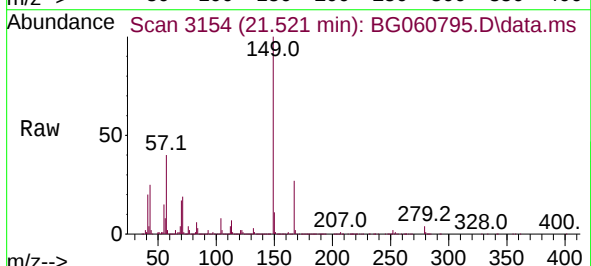
Tgt Ion:149 Resp: 781836

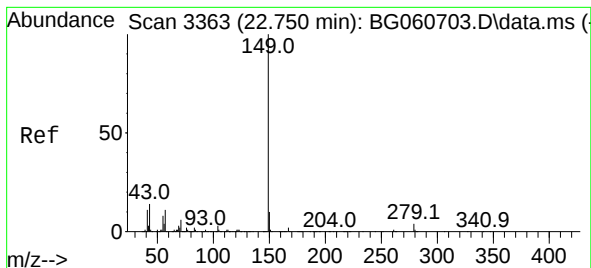
Ion Ratio Lower Upper

149 100

167 27.1 20.6 30.8

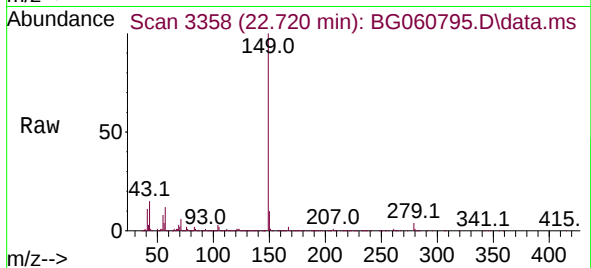
279 4.2 3.0 4.4





#85
Di-n-octyl phthalate
Concen: 49.845 ng
RT: 22.720 min Scan# 3363
Delta R.T. -0.030 min
Lab File: BG060795.D
Acq: 5 Apr 2024 14:20

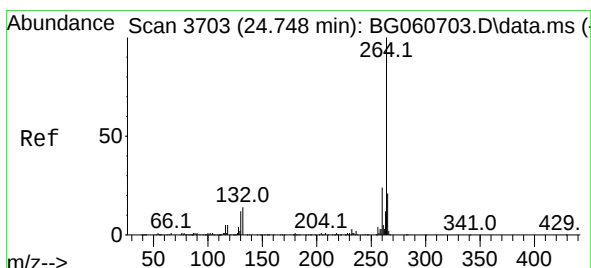
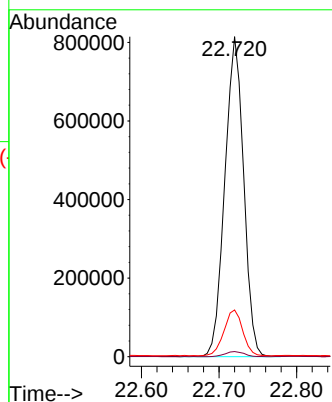
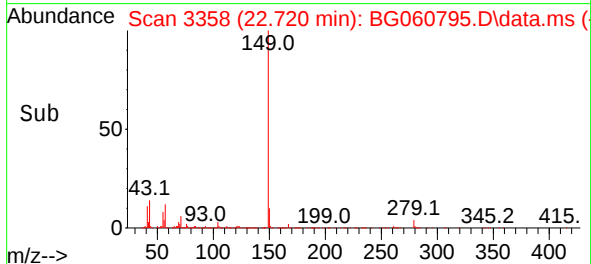
Instrument :
BNA_G
ClientSampleId :
TP1MS



Tgt Ion:149 Resp: 1373338
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 14.4 11.3 16.9

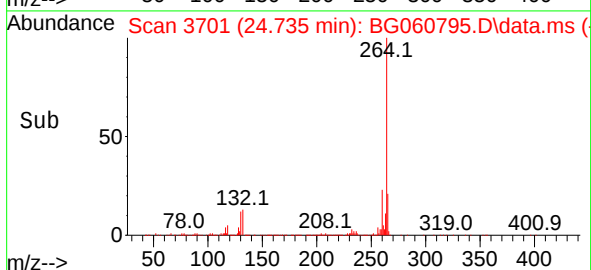
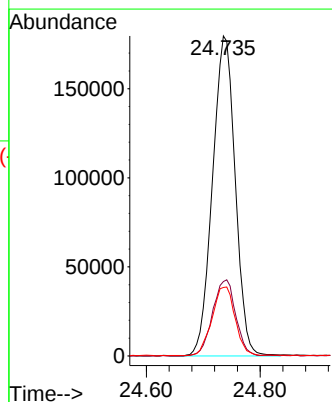
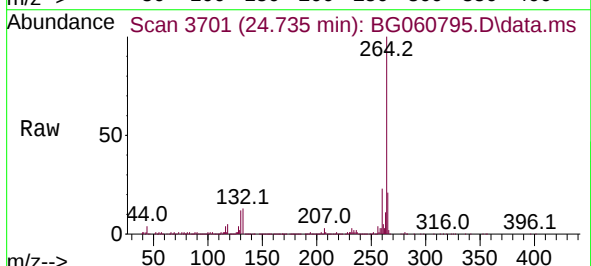
Manual Integrations
APPROVED

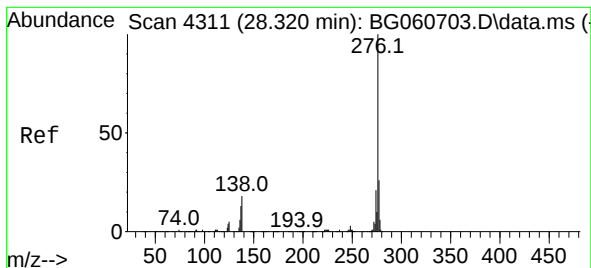
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.735 min Scan# 3701
Delta R.T. -0.012 min
Lab File: BG060795.D
Acq: 5 Apr 2024 14:20

Tgt Ion:264 Resp: 497791
Ion Ratio Lower Upper
264 100
260 23.2 19.5 29.3
265 21.4 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.966 ng

RT: 28.313 min Scan# 4311

Delta R.T. -0.006 min

Lab File: BG060795.D

Acq: 5 Apr 2024 14:20

Instrument :

BNA_G

ClientSampleId :

TP1MS

Tgt Ion:276 Resp: 175155

Ion Ratio Lower Upper

276 100

138 12.0 12.4 18.6

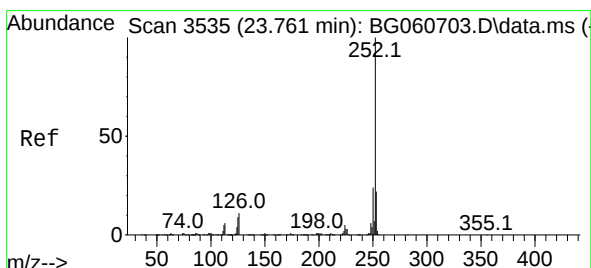
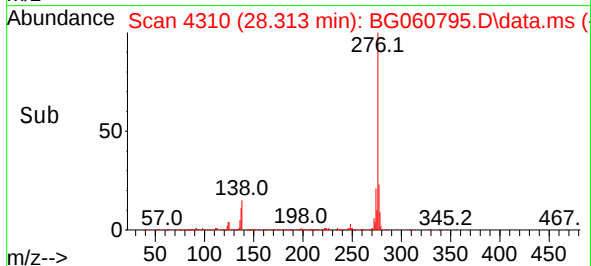
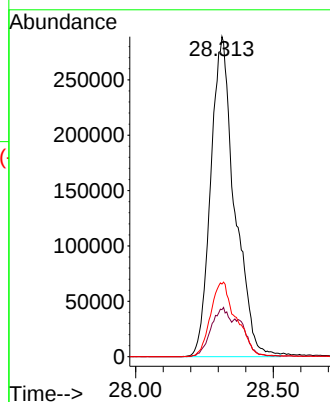
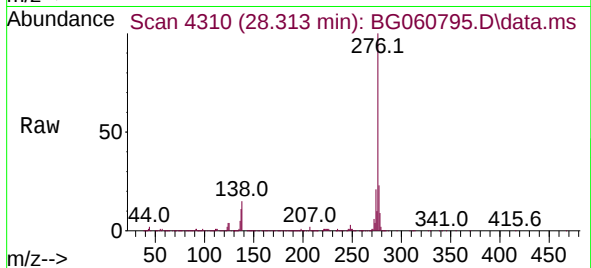
277 24.9 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/08/2024

Supervised By :mohammad ahmed 04/08/2024



#88

Benzo(b)fluoranthene

Concen: 49.366 ng

RT: 23.748 min Scan# 3533

Delta R.T. -0.012 min

Lab File: BG060795.D

Acq: 5 Apr 2024 14:20

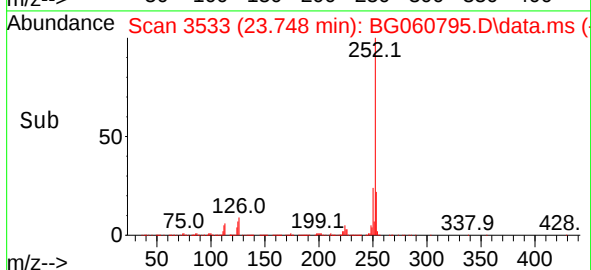
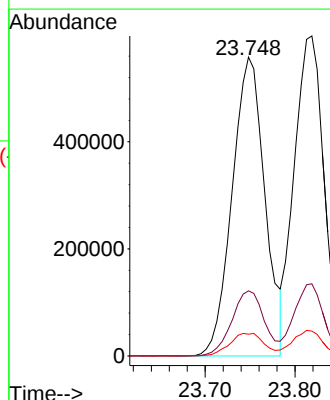
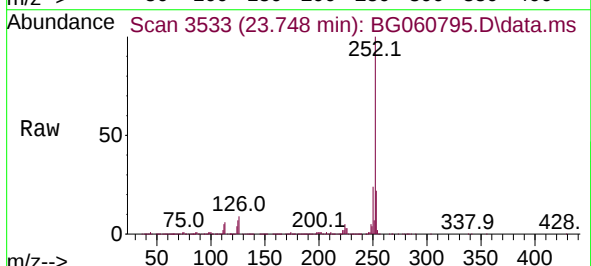
Tgt Ion:252 Resp: 1411761

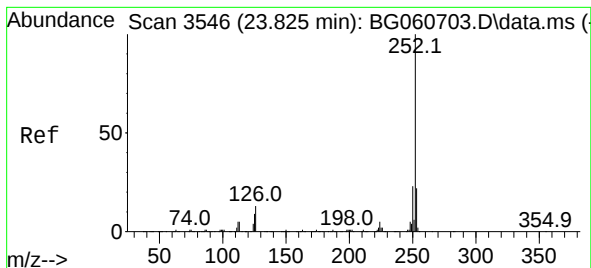
Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.8

125 7.3 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 46.771 ng

RT: 23.819 min Scan# 3546

Delta R.T. -0.006 min

Lab File: BG060795.D

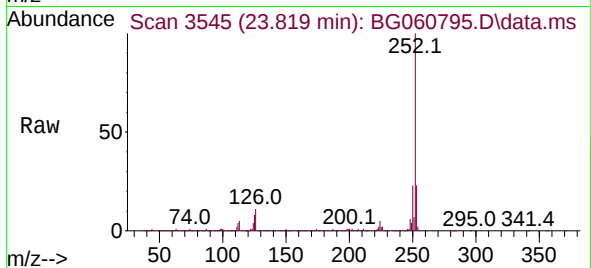
Acq: 5 Apr 2024 14:20

Instrument :

BNA_G

ClientSampleId :

TP1MS



Tgt Ion:252 Resp: 1369039

Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

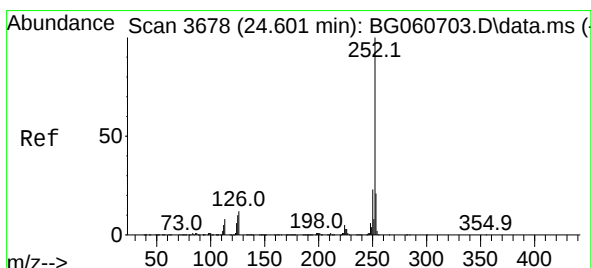
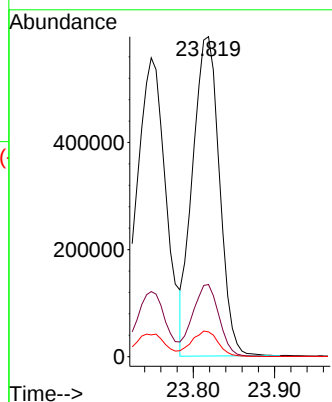
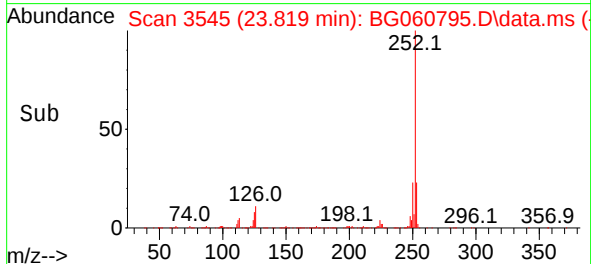
125 7.7 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/08/2024

Supervised By :mohammad ahmed 04/08/2024



#90

Benzo(a)pyrene

Concen: 47.711 ng

RT: 24.594 min Scan# 3677

Delta R.T. -0.006 min

Lab File: BG060795.D

Acq: 5 Apr 2024 14:20

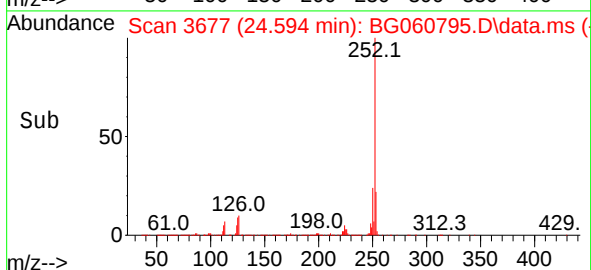
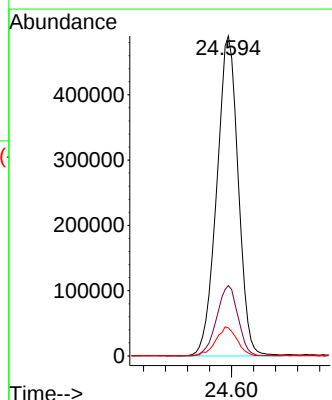
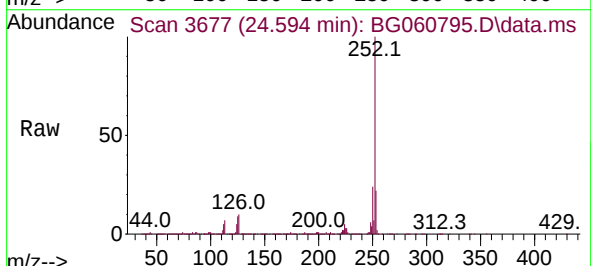
Tgt Ion:252 Resp: 1325963

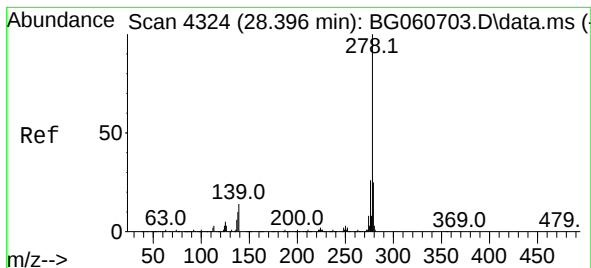
Ion Ratio Lower Upper

252 100

253 22.0 16.8 25.2

125 8.8 7.6 11.4





#91

Dibenzo(a,h)anthracene

Concen: 48.501 ng

RT: 28.384 min Scan# 44

Delta R.T. -0.012 min

Lab File: BG060795.D

Acq: 5 Apr 2024 14:20

Instrument :

BNA_G

ClientSampleId :

TP1MS

Tgt Ion:278 Resp: 143320

Ion Ratio Lower Upper

278 100

139 11.3 11.1 16.7

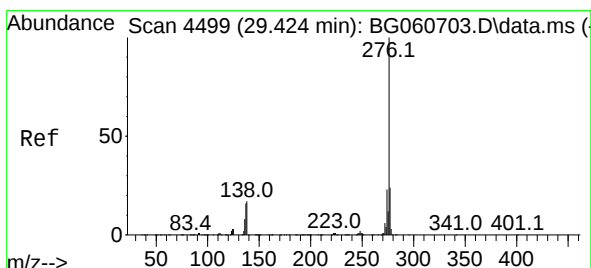
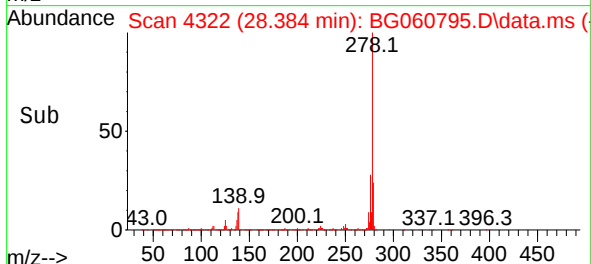
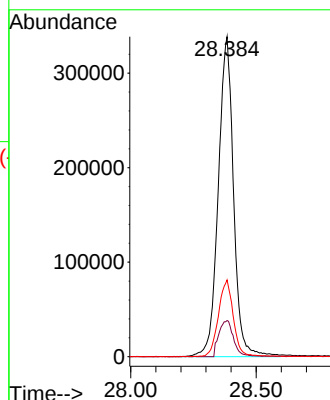
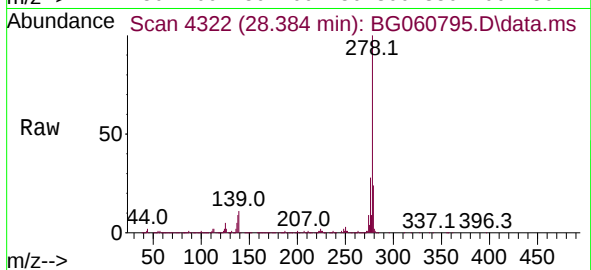
279 24.0 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/08/2024

Supervised By :mohammad ahmed 04/08/2024



#92

Benzo(g,h,i)perylene

Concen: 46.259 ng

RT: 29.412 min Scan# 4497

Delta R.T. -0.012 min

Lab File: BG060795.D

Acq: 5 Apr 2024 14:20

Tgt Ion:276 Resp: 1329743

Ion Ratio Lower Upper

276 100

277 23.1 18.9 28.3

138 15.5 14.0 21.0

