

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040524\
 Data File : BG060796.D
 Acq On : 5 Apr 2024 15:01
 Operator : MA/JU
 Sample : P1996-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP1MSD

Quant Time: Apr 06 01:43:55 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.953	152	65726	20.000	ng	0.00
21) Naphthalene-d8	10.750	136	258408	20.000	ng	0.00
39) Acenaphthene-d10	14.581	164	200607	20.000	ng	0.00
64) Phenanthrene-d10	17.330	188	468783	20.000	ng	0.00
76) Chrysene-d12	21.596	240	434277	20.000	ng	0.00
86) Perylene-d12	24.733	264	510078	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.538	112	335450	85.023	ng	0.00
7) Phenol-d6	7.119	99	481368	82.194	ng	0.00
23) Nitrobenzene-d5	9.111	82	301292	66.531	ng	0.00
42) 2,4,6-Tribromophenol	16.073	330	252936	111.073	ng	0.00
45) 2-Fluorobiphenyl	13.212	172	726524	53.152	ng	0.00
79) Terphenyl-d14	19.957	244	1305575	52.936	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.464	88	58120	35.930	ng	100
3) Pyridine	3.852	79	157291	32.237	ng	98
4) n-Nitrosodimethylamine	3.764	42	123754	42.431	ng	# 94
6) Aniline	7.277	93	144195	19.497	ng	96
8) 2-Chlorophenol	7.518	128	188116	42.057	ng	96
9) Benzaldehyde	7.089	77	21063m	6.522	ng	
10) Phenol	7.142	94	250690	41.943	ng	99
11) bis(2-Chloroethyl)ether	7.377	93	170890	35.414	ng	98
12) 1,3-Dichlorobenzene	7.847	146	194652	41.847	ng	98
13) 1,4-Dichlorobenzene	7.988	146	196759	41.462	ng	99
14) 1,2-Dichlorobenzene	8.306	146	191458	41.169	ng	99
15) Benzyl Alcohol	8.188	79	183487	38.678	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.476	45	411842	37.818	ng	100
17) 2-Methylphenol	8.394	107	165530	36.686	ng	98
18) Hexachloroethane	9.040	117	70857	42.041	ng	# 88
19) n-Nitroso-di-n-propyla...	8.758	70	151645	33.954	ng	# 97
20) 3+4-Methylphenols	8.717	107	225929	36.566	ng	95
22) Acetophenone	8.770	105	289947	40.693	ng	96
24) Nitrobenzene	9.152	77	219873	43.871	ng	97
25) Isophorone	9.675	82	401099	38.454	ng	99
26) 2-Nitrophenol	9.857	139	98342	54.248	ng	91
27) 2,4-Dimethylphenol	9.921	122	141913	33.870	ng	99
28) bis(2-Chloroethoxy)met...	10.162	93	234454	38.073	ng	97
29) 2,4-Dichlorophenol	10.397	162	184461	47.942	ng	99
30) 1,2,4-Trichlorobenzene	10.615	180	196364	45.071	ng	95
31) Naphthalene	10.803	128	568571	40.675	ng	99
32) Benzoic acid	10.051	122	140704	50.121	ng	97
33) 4-Chloroaniline	10.903	127	84865	13.071	ng	98
34) Hexachlorobutadiene	11.096	225	135442	46.646	ng	98
35) Caprolactam	11.672	113	63055m	41.378	ng	
36) 4-Chloro-3-methylphenol	12.031	107	214917	43.725	ng	98
37) 2-Methylnaphthalene	12.407	142	404700	39.380	ng	99
38) 1-Methylnaphthalene	12.630	142	373785	38.501	ng	99
40) 1,2,4,5-Tetrachloroben...	12.777	216	254840	44.188	ng	99
41) Hexachlorocyclopentadiene	12.765	237	271143	92.461	ng	98
43) 2,4,6-Trichlorophenol	13.012	196	176715	47.586	ng	95

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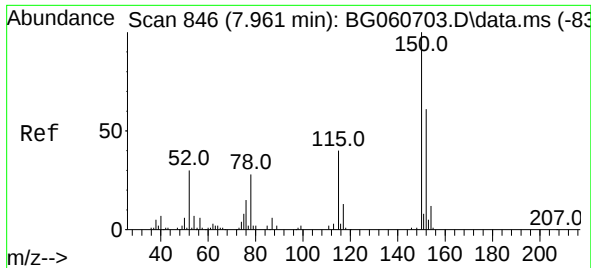
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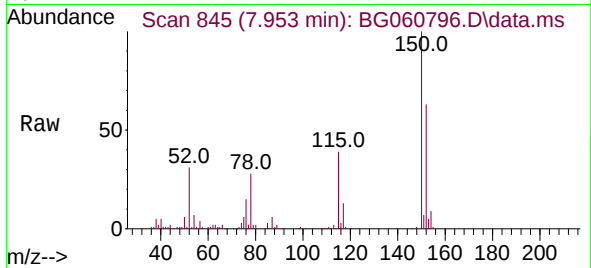
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.082	196	199204	44.949	ng	98
46) 1,1'-Biphenyl	13.417	154	577722	40.772	ng	98
47) 2-Chloronaphthalene	13.458	162	453792	42.152	ng	98
48) 2-Nitroaniline	13.652	65	171142	48.876	ng	93
49) Acenaphthylene	14.304	152	781908	43.226	ng	99
50) Dimethylphthalate	14.046	163	619423	39.065	ng	99
51) 2,6-Dinitrotoluene	14.152	165	129514	45.793	ng	93
52) Acenaphthene	14.651	154	525288m	46.251	ng	
53) 3-Nitroaniline	14.481	138	76620	25.992	ng	99
54) 2,4-Dinitrophenol	14.686	184	158741	143.829	ng	91
55) Dibenzofuran	14.986	168	725991	40.525	ng	100
56) 4-Nitrophenol	14.792	139	232597	100.344	ng	97
57) 2,4-Dinitrotoluene	14.939	165	190779	51.266	ng	98
58) Fluorene	15.632	166	586279	40.777	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.209	232	190175	49.240	ng	98
60) Diethylphthalate	15.415	149	611787	38.351	ng	98
61) 4-Chlorophenyl-phenyle...	15.632	204	314094	41.293	ng	92
62) 4-Nitroaniline	15.644	138	135539	46.754	ng	97
63) Azobenzene	15.920	77	608030	39.114	ng	97
65) 4,6-Dinitro-2-methylph...	15.709	198	112794	56.793	ng	98
66) n-Nitrosodiphenylamine	15.844	169	550793	41.116	ng	98
67) 4-Bromophenyl-phenylether	16.525	248	216928	45.597	ng	98
68) Hexachlorobenzene	16.637	284	248791	46.324	ng	96
69) Atrazine	16.796	200	208716	44.554	ng	99
70) Pentachlorophenol	16.978	266	341104	97.337	ng	98
71) Phenanthrene	17.371	178	1004137	41.186	ng	100
72) Anthracene	17.465	178	1028074	41.522	ng	100
73) Carbazole	17.730	167	902452	41.339	ng	98
74) Di-n-butylphthalate	18.312	149	1079707	39.671	ng	99
75) Fluoranthene	19.387	202	1207738	40.824	ng	97
77) Benzidine	19.563	184	462526	40.447	ng	99
78) Pyrene	19.745	202	1239668	40.816	ng	99
80) Butylbenzylphthalate	20.656	149	486070	43.871	ng	94
81) Benzo(a)anthracene	21.578	228	1285764	42.002	ng	100
82) 3,3'-Dichlorobenzidine	21.496	252	317294	30.697	ng	99
83) Chrysene	21.643	228	1225442	41.533	ng	100
84) Bis(2-ethylhexyl)phtha...	21.520	149	717549	40.633	ng	98
85) Di-n-octyl phthalate	22.718	149	1259701	43.787	ng	100
87) Indeno(1,2,3-cd)pyrene	28.306	276	1607272	44.746	ng	# 96
88) Benzo(b)fluoranthene	23.746	252	1293177	44.130	ng	99
89) Benzo(k)fluoranthene	23.811	252	1245614	41.529	ng	99
90) Benzo(a)pyrene	24.592	252	1198118	42.072	ng	99
91) Dibenzo(a,h)anthracene	28.382	278	1294387	42.748	ng	98
92) Benzo(g,h,i)perylene	29.416	276	1217278	41.327	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.953 min Scan# 846
Delta R.T. -0.008 min
Lab File: BG060796.D
Acq: 5 Apr 2024 15:01

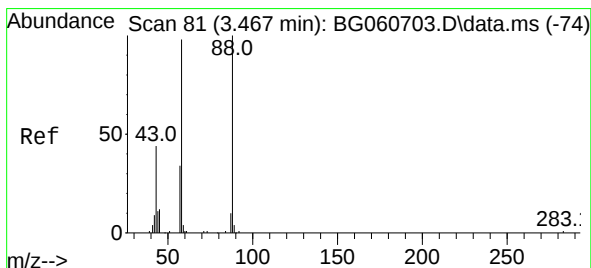
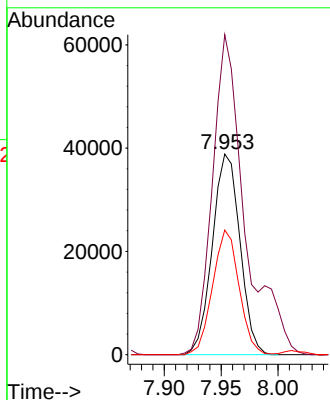
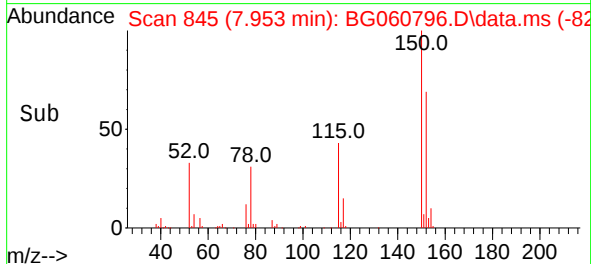
Instrument :
BNA_G
ClientSampleId :
TP1MSD



Tgt Ion:152 Resp: 65720
Ion Ratio Lower Upper
152 100
150 159.5 130.2 195.4
115 62.1 51.6 77.4

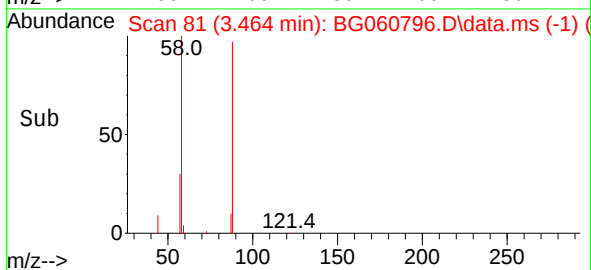
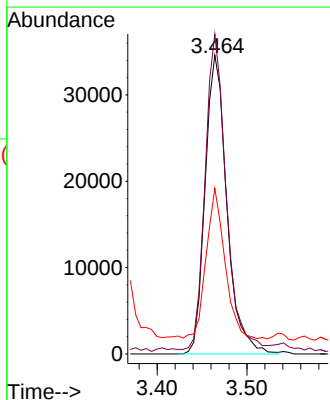
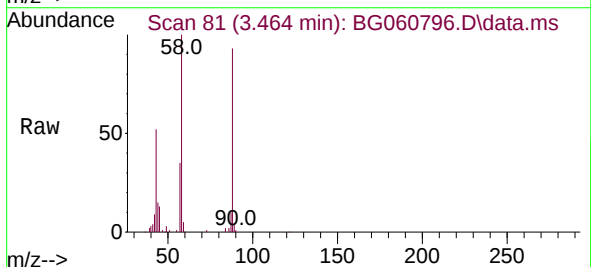
Manual Integrations
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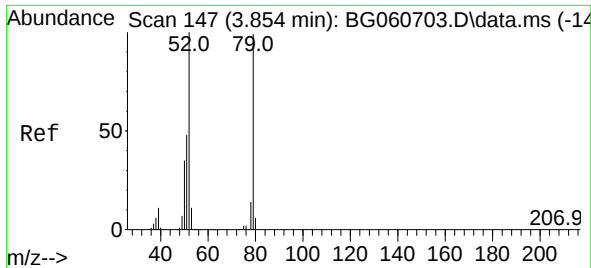
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#2
1,4-Dioxane
Concen: 35.930 ng
RT: 3.464 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG060796.D
Acq: 5 Apr 2024 15:01

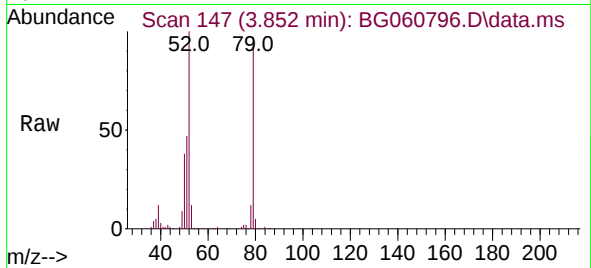
Tgt Ion: 88 Resp: 58120
Ion Ratio Lower Upper
88 100
58 101.3 80.9 121.3
43 43.7 35.4 53.0





#3
Pyridine
Concen: 32.237 ng
RT: 3.852 min Scan# 147
Delta R.T. -0.002 min
Lab File: BG060796.D
Acq: 5 Apr 2024 15:01

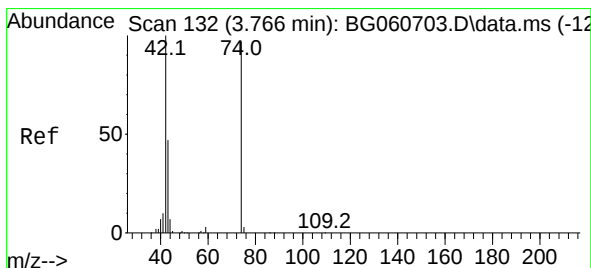
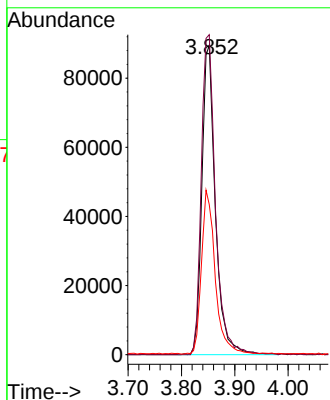
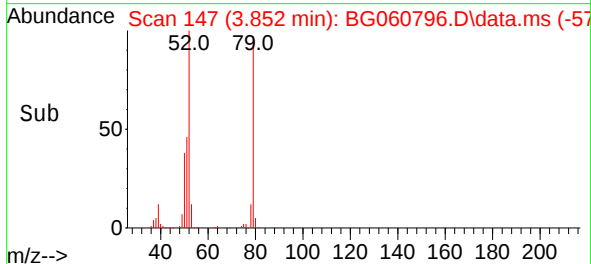
Instrument :
BNA_G
ClientSampleId :
TP1MSD



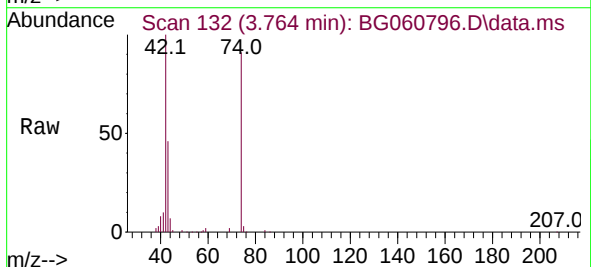
Tgt Ion: 79 Resp: 15729
Ion Ratio Lower Upper
79 100
52 103.4 80.6 120.8
51 48.6 39.1 58.7

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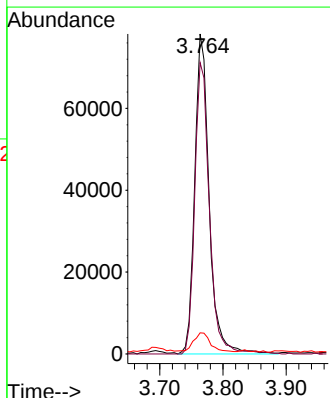
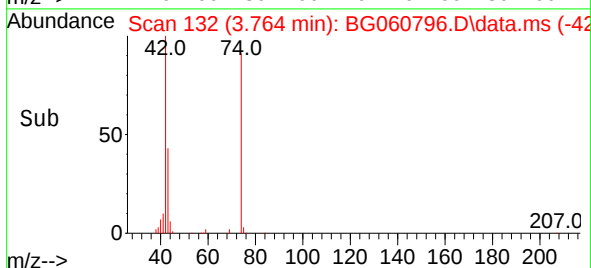
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024

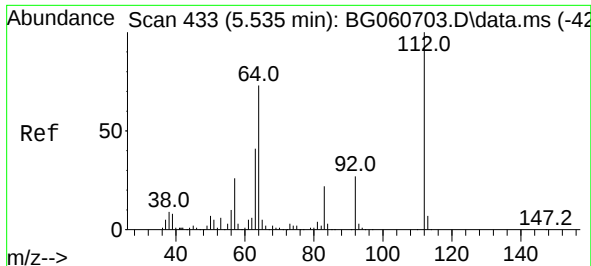


#4
n-Nitrosodimethylamine
Concen: 42.431 ng
RT: 3.764 min Scan# 132
Delta R.T. -0.002 min
Lab File: BG060796.D
Acq: 5 Apr 2024 15:01



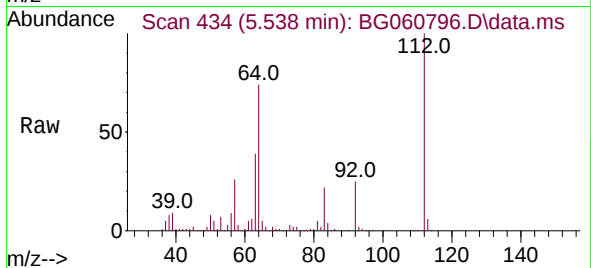
Tgt Ion: 42 Resp: 123754
Ion Ratio Lower Upper
42 100
74 91.1 77.8 116.8
44 6.6 6.8 10.2#





#5
2-Fluorophenol
Concen: 85.023 ng
RT: 5.538 min Scan# 433
Delta R.T. 0.003 min
Lab File: BG060796.D
Acq: 5 Apr 2024 15:01

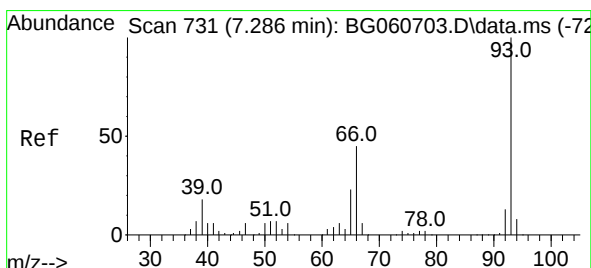
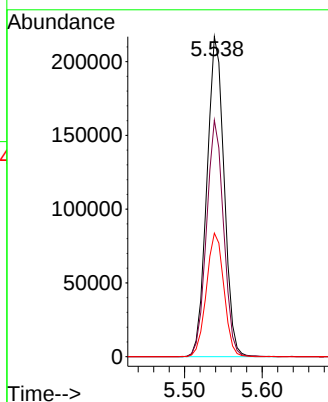
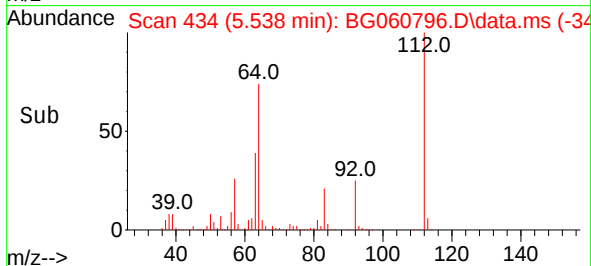
Instrument :
BNA_G
ClientSampleId :
TP1MSD



Tgt Ion:112 Resp: 335450
Ion Ratio Lower Upper
112 100
64 73.9 58.4 87.6
63 38.6 32.7 49.1

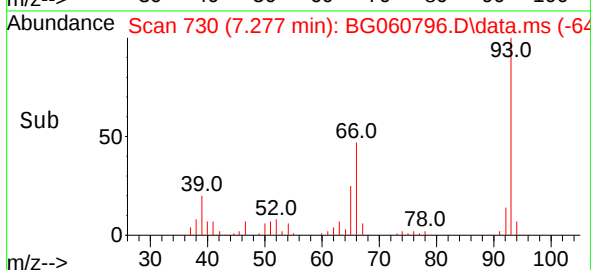
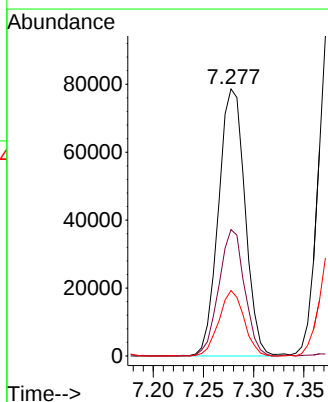
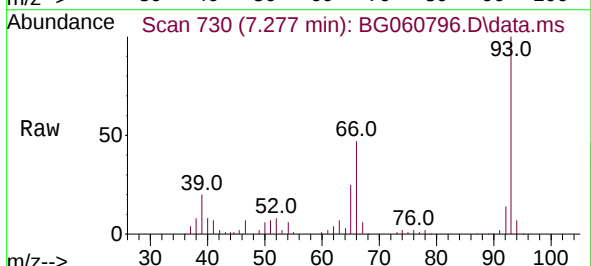
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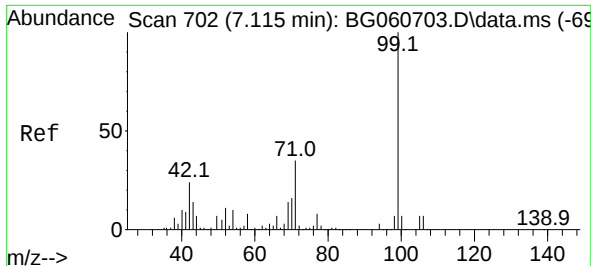
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#6
Aniline
Concen: 19.497 ng
RT: 7.277 min Scan# 730
Delta R.T. -0.008 min
Lab File: BG060796.D
Acq: 5 Apr 2024 15:01

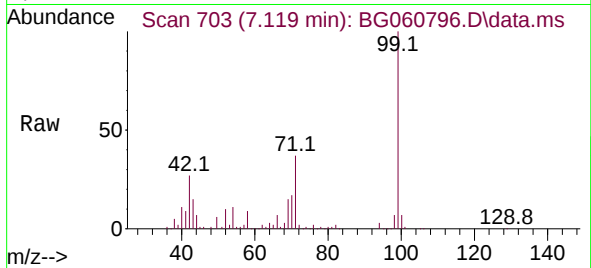
Tgt Ion: 93 Resp: 144195
Ion Ratio Lower Upper
93 100
66 47.3 36.1 54.1
65 24.5 18.1 27.1





#7
Phenol-d6
Concen: 82.194 ng
RT: 7.119 min Scan# 702
Delta R.T. 0.003 min
Lab File: BG060796.D
Acq: 5 Apr 2024 15:01

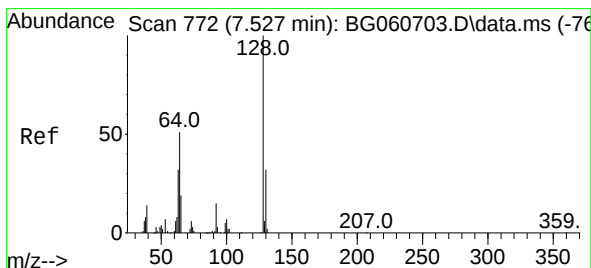
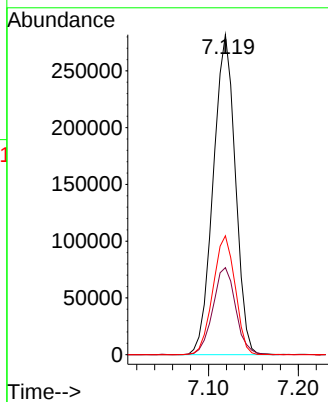
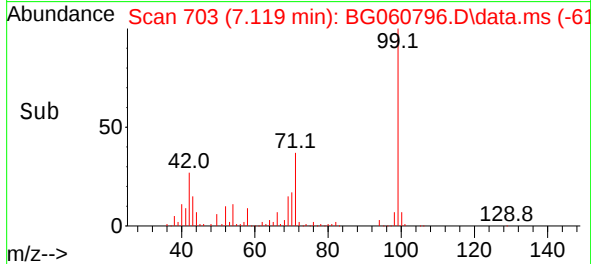
Instrument :
BNA_G
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Tgt Ion: 99 Resp: 48136
Ion Ratio Lower Upper
99 100
42 27.2 19.4 29.2
71 37.2 28.2 42.2

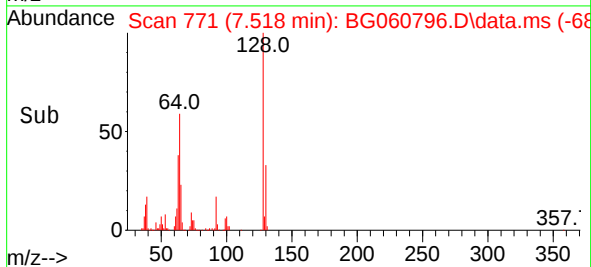
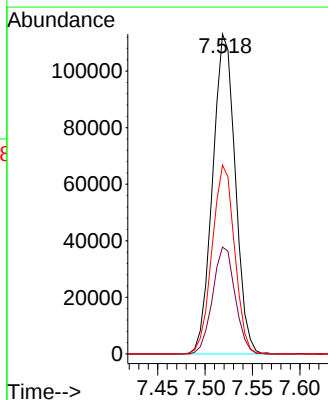
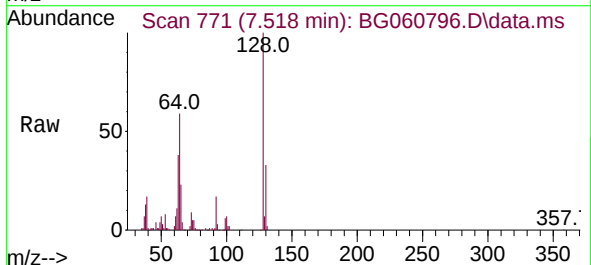
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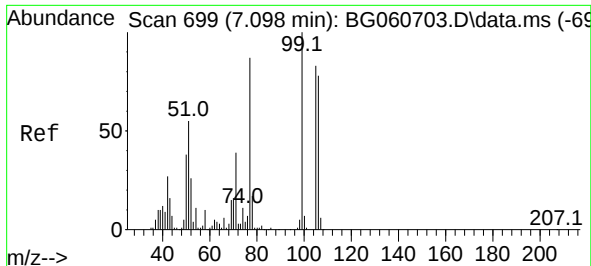
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#8
2-Chlorophenol
Concen: 42.057 ng
RT: 7.518 min Scan# 771
Delta R.T. -0.008 min
Lab File: BG060796.D
Acq: 5 Apr 2024 15:01

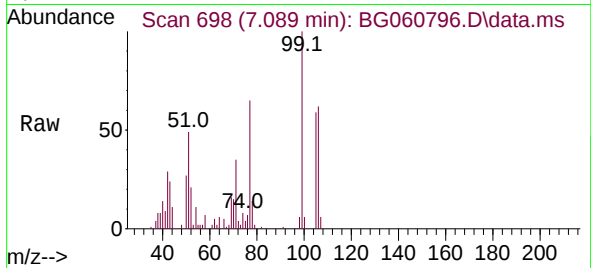
Tgt Ion:128 Resp: 188116
Ion Ratio Lower Upper
128 100
130 33.4 12.3 52.3
64 59.0 35.0 75.0





#9
Benzaldehyde
Concen: 6.522 ng m
RT: 7.089 min Scan# 699
Delta R.T. -0.009 min
Lab File: BG060796.D
Acq: 5 Apr 2024 15:01

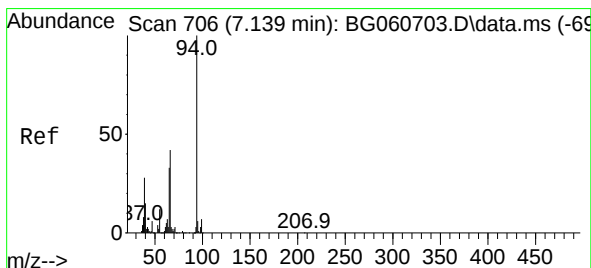
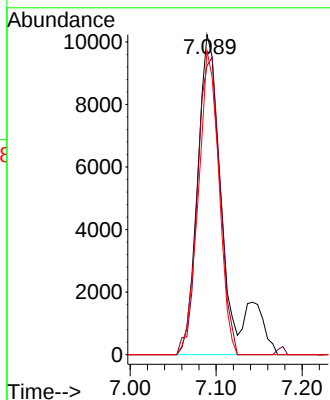
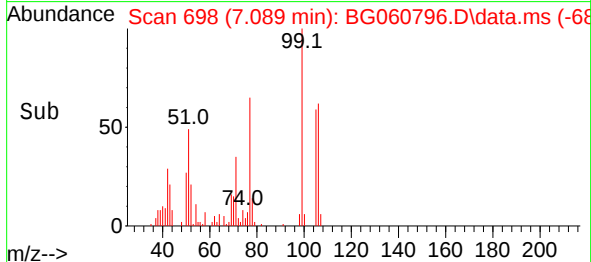
Instrument :
BNA_G
ClientSampleId :
TP1MSD



Tgt Ion: 77 Resp: 21063
Ion Ratio Lower Upper
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105 90.3 76.0 116.0
106 94.9 70.3 110.3

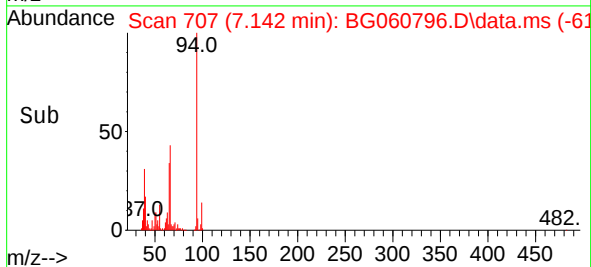
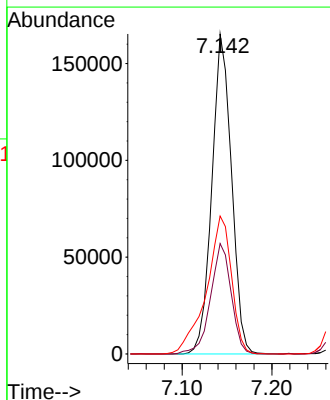
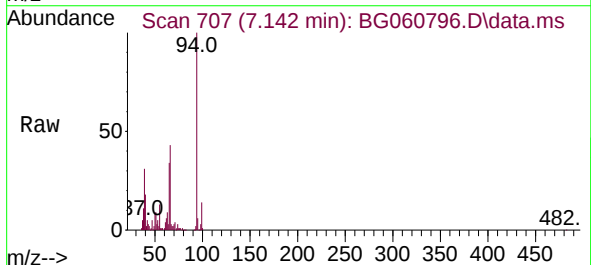
Manual Integrations
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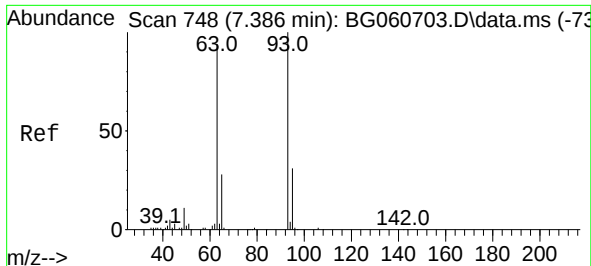
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#10
Phenol
Concen: 41.943 ng
RT: 7.142 min Scan# 707
Delta R.T. 0.003 min
Lab File: BG060796.D
Acq: 5 Apr 2024 15:01

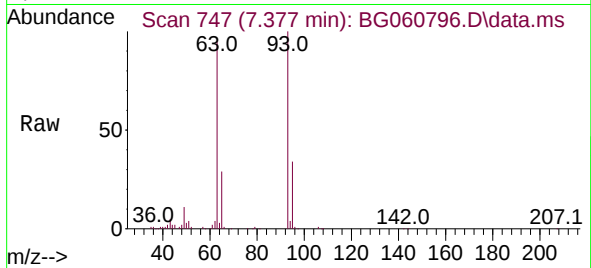
Tgt Ion: 94 Resp: 250690
Ion Ratio Lower Upper
94 100
65 34.5 13.3 53.3
66 43.1 22.9 62.9





#11
bis(2-Chloroethyl)ether
Concen: 35.414 ng
RT: 7.377 min Scan# 748
Delta R.T. -0.008 min
Lab File: BG060796.D
Acq: 5 Apr 2024 15:01

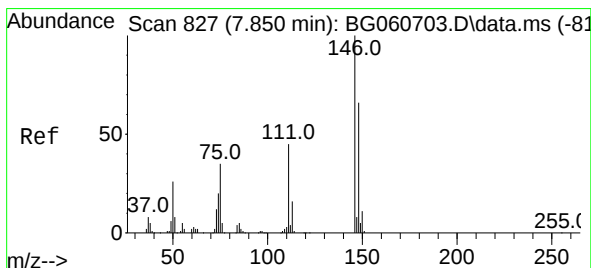
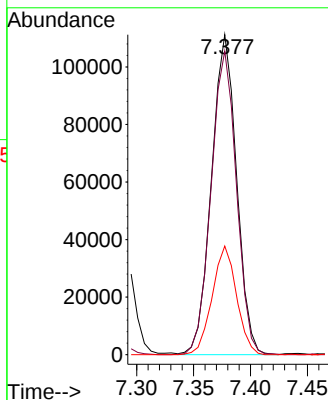
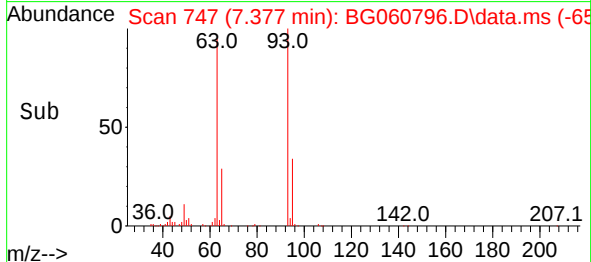
Instrument :
BNA_G
ClientSampleId :
TP1MSD



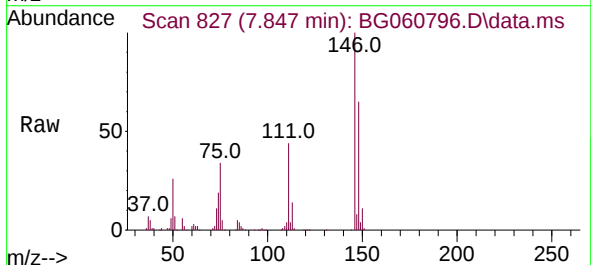
Tgt Ion: 93 Resp: 170890
Ion Ratio Lower Upper
93 100
63 94.9 73.7 113.7
95 33.9 11.2 51.2

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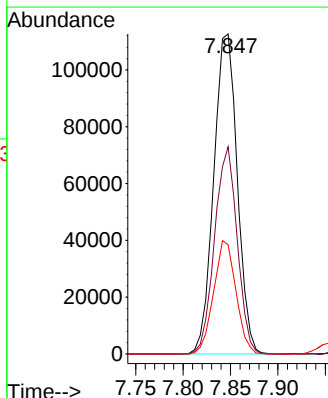
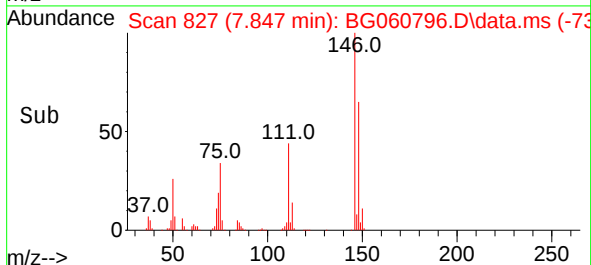
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024

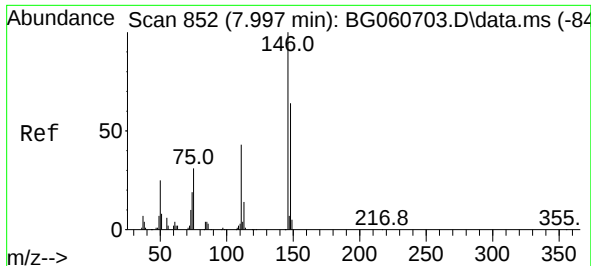


#12
1,3-Dichlorobenzene
Concen: 41.847 ng
RT: 7.847 min Scan# 827
Delta R.T. -0.002 min
Lab File: BG060796.D
Acq: 5 Apr 2024 15:01



Tgt Ion:146 Resp: 194652
Ion Ratio Lower Upper
146 100
148 64.8 53.0 79.4
75 34.1 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 41.462 ng

RT: 7.988 min Scan# 80

Delta R.T. -0.008 min

Lab File: BG060796.D

Acq: 5 Apr 2024 15:01

Instrument :

BNA_G

ClientSampleId :

TP1MSD

Tgt Ion:146 Resp: 19675

Ion Ratio Lower Upper

146 100

148 64.0 51.1 76.7

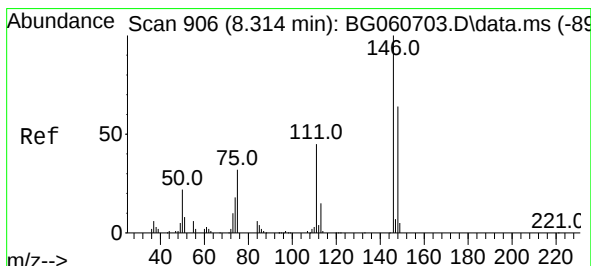
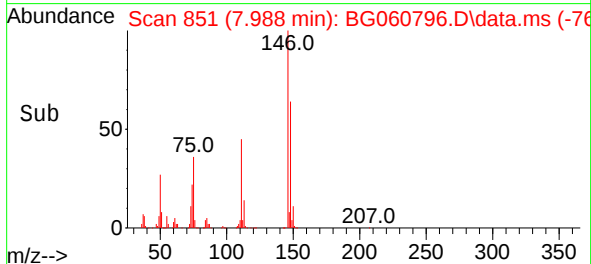
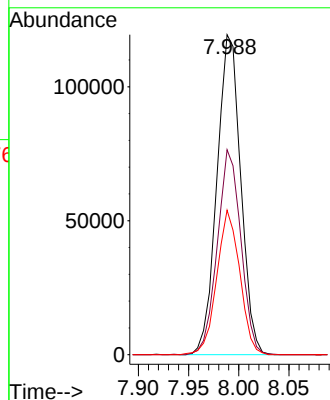
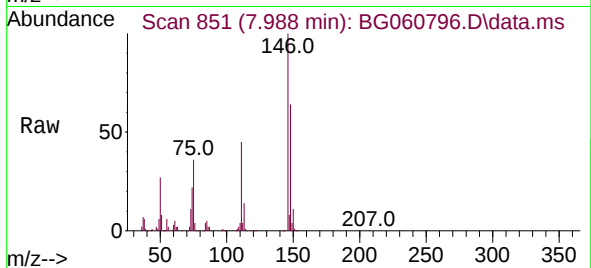
111 45.2 35.0 52.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/08/2024

Supervised By :mohammad ahmed 04/08/2024



#14

1,2-Dichlorobenzene

Concen: 41.169 ng

RT: 8.306 min Scan# 905

Delta R.T. -0.008 min

Lab File: BG060796.D

Acq: 5 Apr 2024 15:01

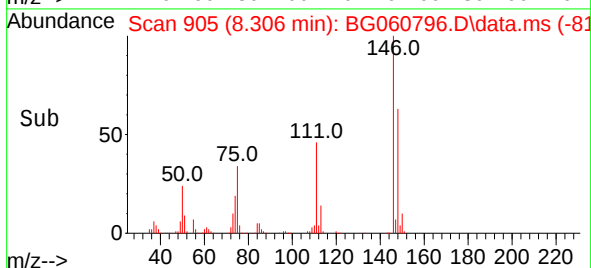
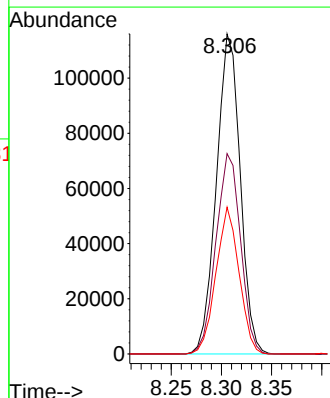
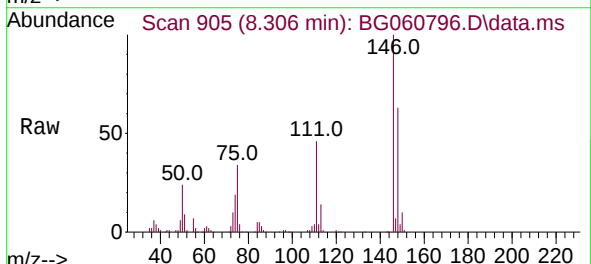
Tgt Ion:146 Resp: 191458

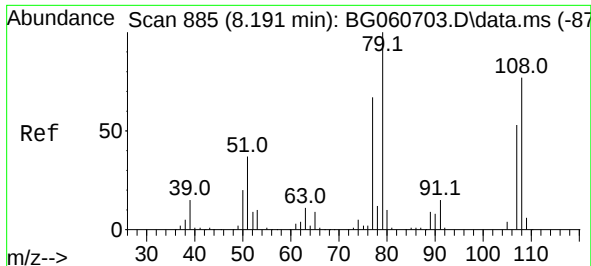
Ion Ratio Lower Upper

146 100

148 62.6 51.0 76.6

111 45.9 36.0 54.0





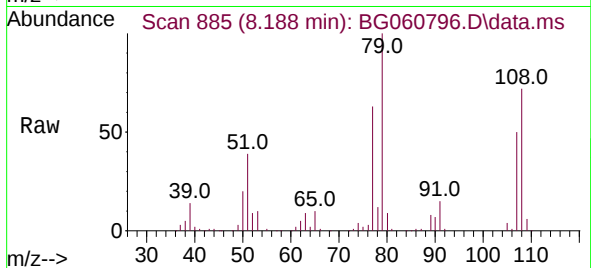
#15
Benzyl Alcohol
Concen: 38.678 ng
RT: 8.188 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG060796.D
Acq: 5 Apr 2024 15:01

Instrument :

BNA_G

ClientSampleId :

TP1MSD

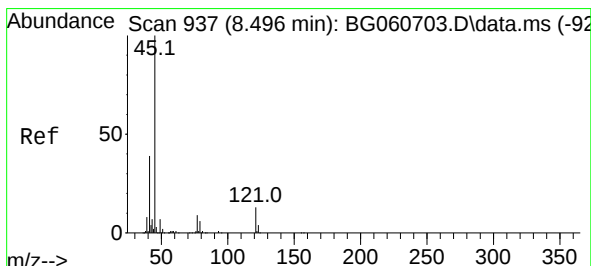
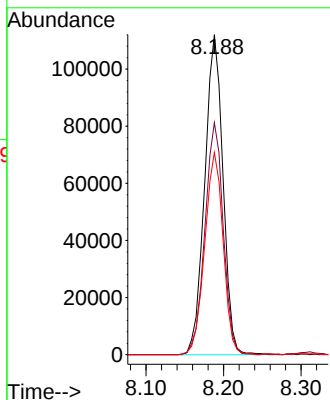
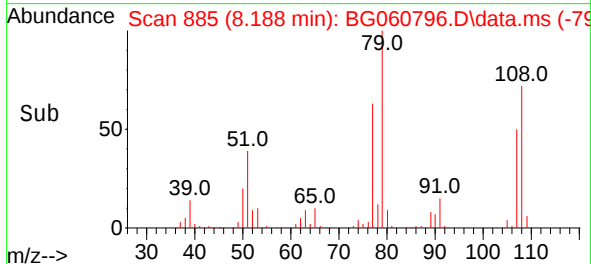


Tgt Ion: 79 Resp: 18348
Ion Ratio Lower Upper
79 100
108 72.5 61.4 92.0
77 63.2 53.6 80.4

Manual Integrations

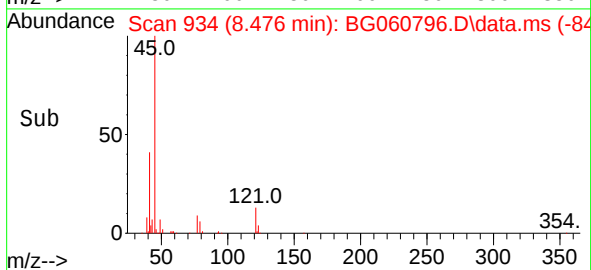
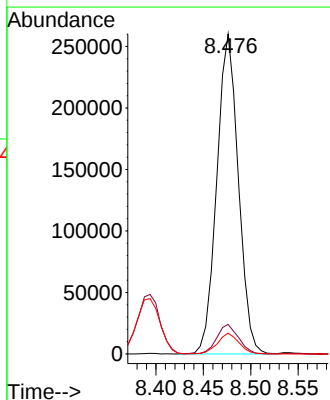
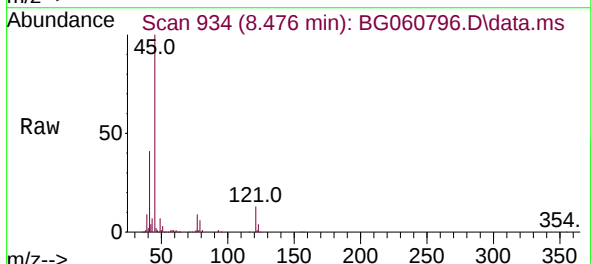
APPROVED

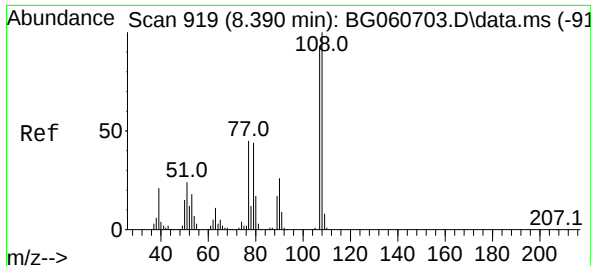
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.818 ng
RT: 8.476 min Scan# 934
Delta R.T. -0.020 min
Lab File: BG060796.D
Acq: 5 Apr 2024 15:01

Tgt Ion: 45 Resp: 411842
Ion Ratio Lower Upper
45 100
77 9.3 0.0 29.1
79 6.5 0.0 26.5





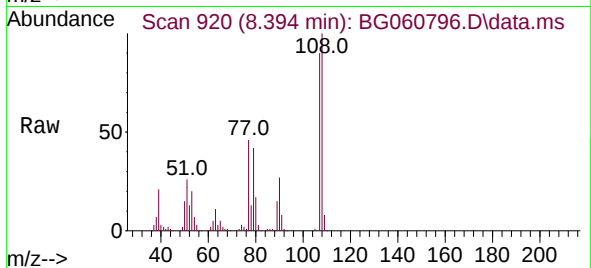
#17
2-Methylphenol
Concen: 36.686 ng
RT: 8.394 min Scan# 919
Delta R.T. 0.003 min
Lab File: BG060796.D
Acq: 5 Apr 2024 15:01

Instrument :

BNA_G

ClientSampleId :

TP1MSD

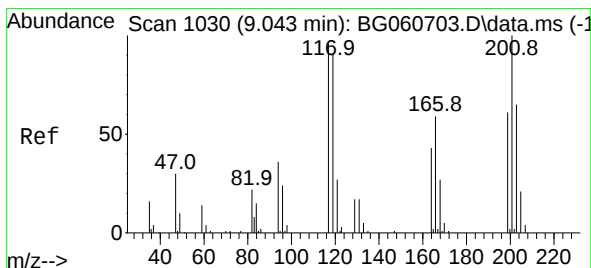
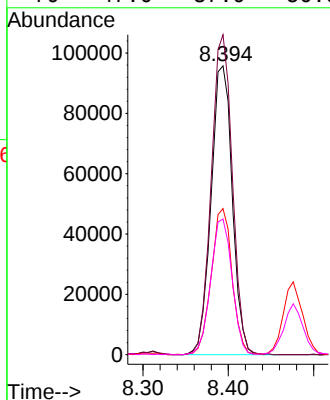
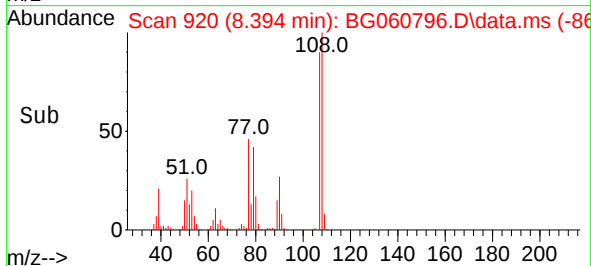


Tgt Ion:107 Resp: 165530
Ion Ratio Lower Upper
107 100
108 110.8 86.4 129.6
77 50.6 38.6 58.0
79 47.0 37.9 56.9

Manual Integrations

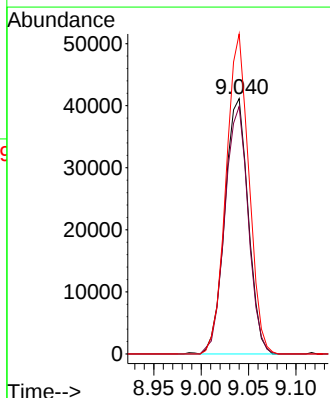
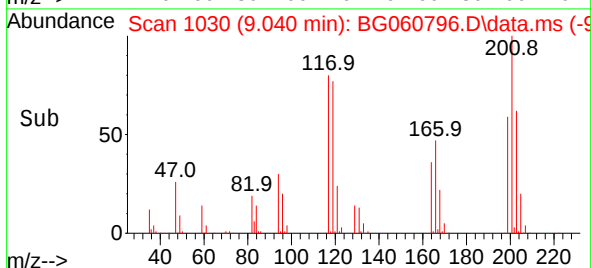
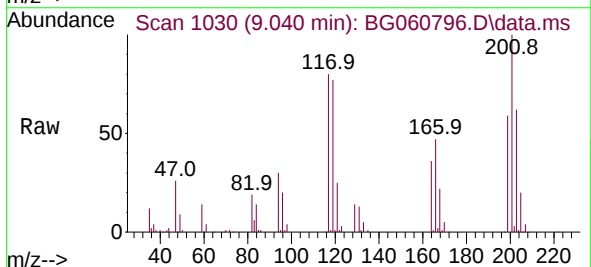
APPROVED

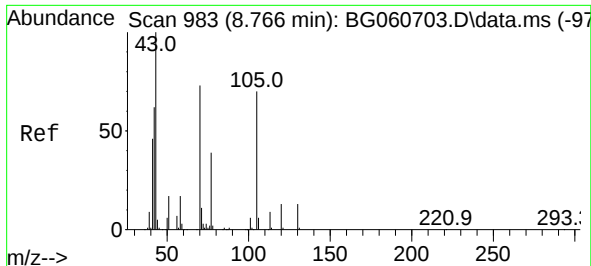
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#18
Hexachloroethane
Concen: 42.041 ng
RT: 9.040 min Scan# 1030
Delta R.T. -0.002 min
Lab File: BG060796.D
Acq: 5 Apr 2024 15:01

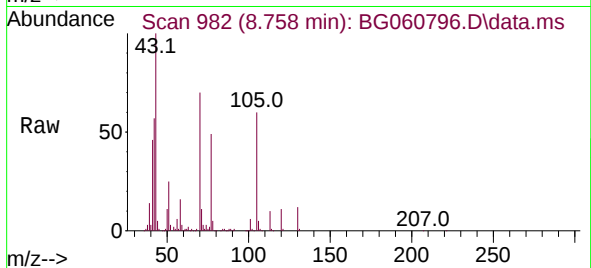
Tgt Ion:117 Resp: 70857
Ion Ratio Lower Upper
117 100
119 96.9 75.7 113.5
201 125.3 83.4 125.2#





#19
n-Nitroso-di-n-propylamine
Concen: 33.954 ng
RT: 8.758 min Scan# 983
Delta R.T. -0.008 min
Lab File: BG060796.D
Acq: 5 Apr 2024 15:01

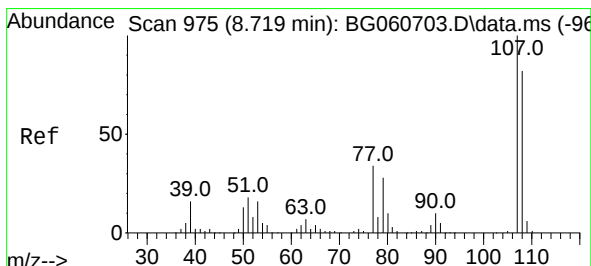
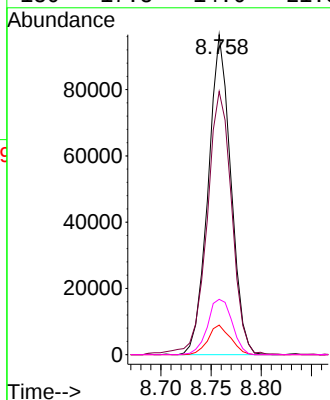
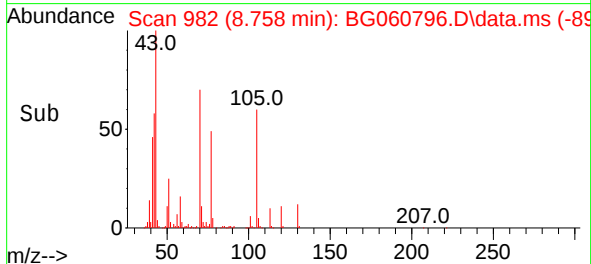
Instrument :
BNA_G
ClientSampleId :
TP1MSD



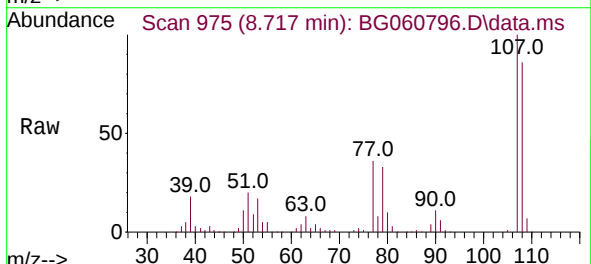
Tgt Ion: 70 Resp: 15164
Ion Ratio Lower Upper
70 100
42 82.2 68.4 102.6
101 9.2 6.1 9.1
130 17.3 14.6 21.8

Manual Integrations
APPROVED

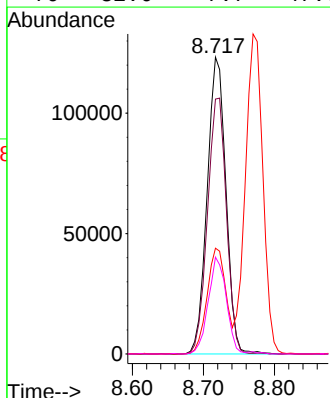
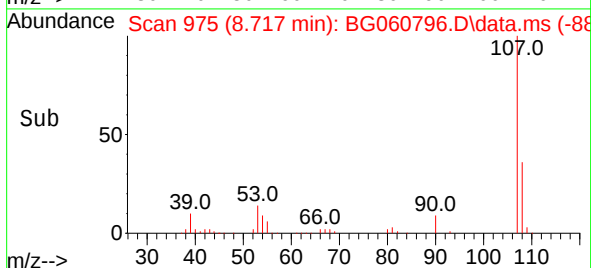
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024

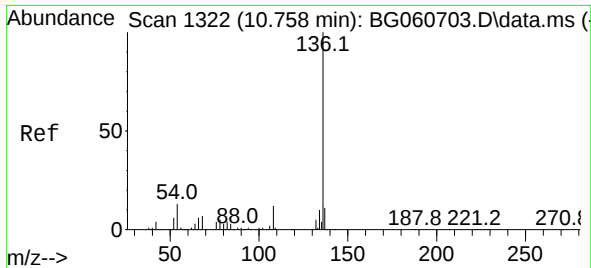


#20
3+4-Methylphenols
Concen: 36.566 ng
RT: 8.717 min Scan# 975
Delta R.T. -0.002 min
Lab File: BG060796.D
Acq: 5 Apr 2024 15:01



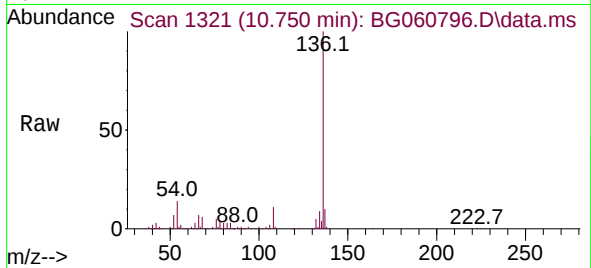
Tgt Ion:107 Resp: 225929
Ion Ratio Lower Upper
107 100
108 85.9 62.2 102.2
77 35.6 14.1 54.1
79 32.6 7.7 47.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.750 min Scan# 1321
Delta R.T. -0.008 min
Lab File: BG060796.D
Acq: 5 Apr 2024 15:01

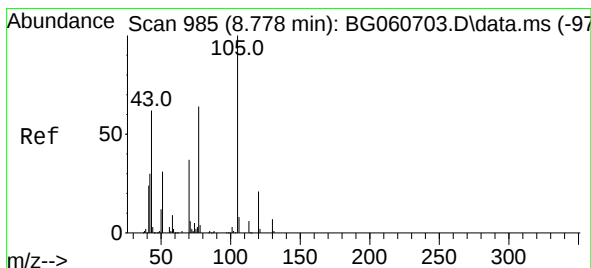
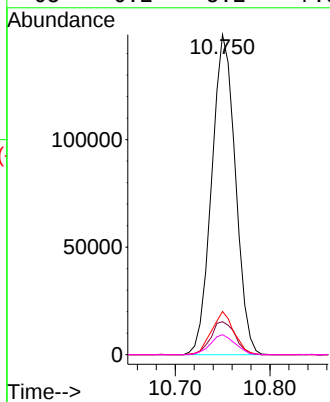
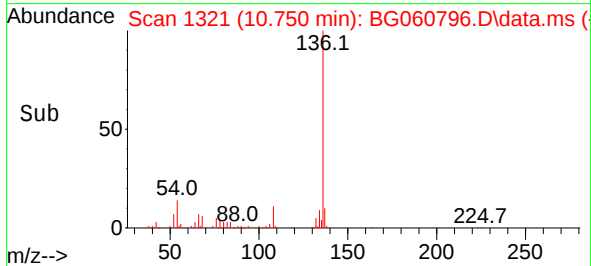
Instrument :
BNA_G
ClientSampleId :
TP1MSD



Tgt Ion:136 Resp: 258408
Ion Ratio Lower Upper
136 100
137 10.3 8.8 13.2
54 13.5 10.2 15.2
68 6.2 5.2 7.8

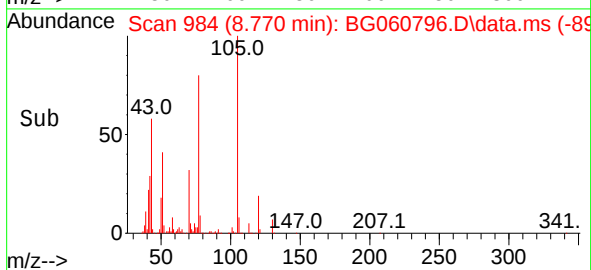
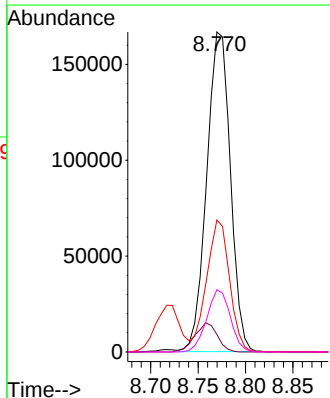
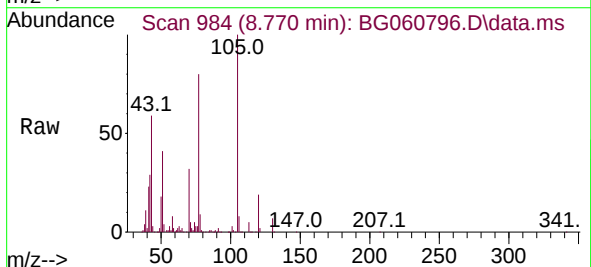
Manual Integrations
APPROVED

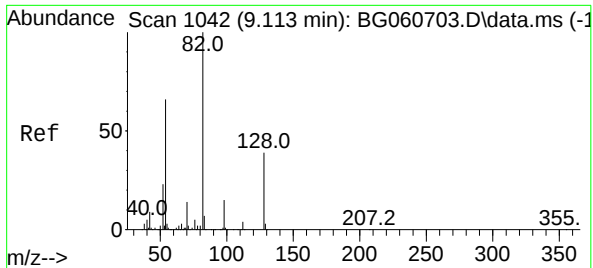
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#22
Acetophenone
Concen: 40.693 ng
RT: 8.770 min Scan# 984
Delta R.T. -0.008 min
Lab File: BG060796.D
Acq: 5 Apr 2024 15:01

Tgt Ion:105 Resp: 289947
Ion Ratio Lower Upper
105 100
71 5.5 4.9 7.3
51 41.3 31.1 46.7
120 19.5 17.0 25.4





#23

Nitrobenzene-d5

Concen: 66.531 ng

RT: 9.111 min Scan# 1042

Delta R.T. -0.002 min

Lab File: BG060796.D

Acq: 5 Apr 2024 15:01

Instrument :

BNA_G

ClientSampleId :

TP1MSD

Tgt Ion: 82 Resp: 301292

Ion Ratio Lower Upper

82 100

128 38.3 31.2 46.8

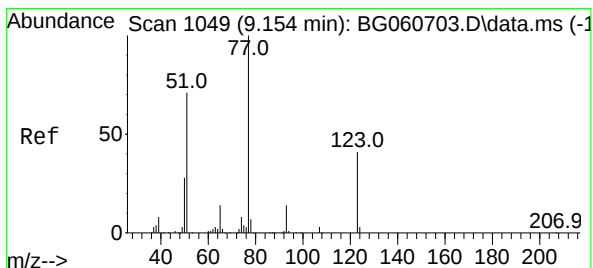
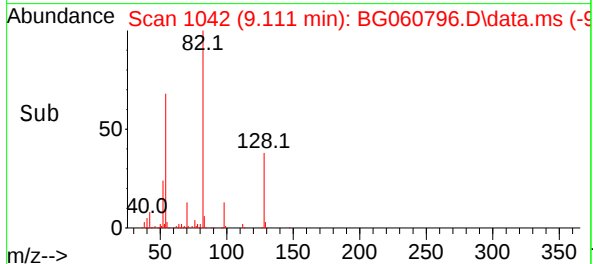
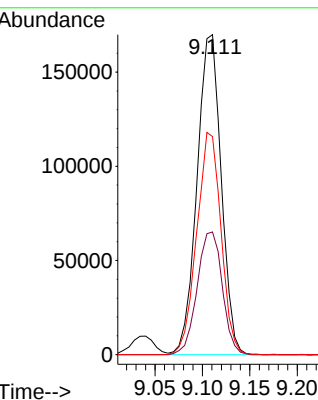
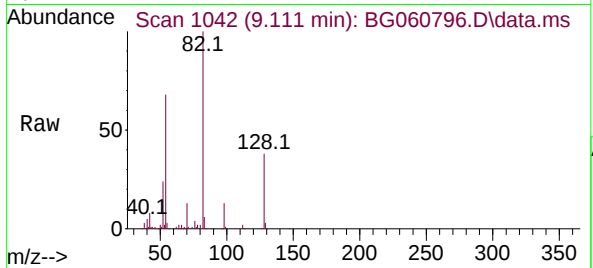
54 68.1 53.2 79.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/08/2024

Supervised By :mohammad ahmed 04/08/2024



#24

Nitrobenzene

Concen: 43.871 ng

RT: 9.152 min Scan# 1049

Delta R.T. -0.002 min

Lab File: BG060796.D

Acq: 5 Apr 2024 15:01

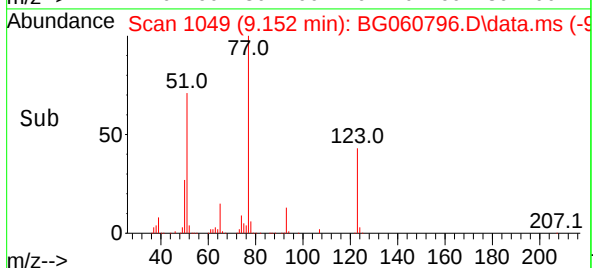
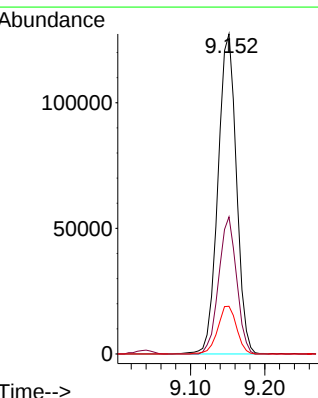
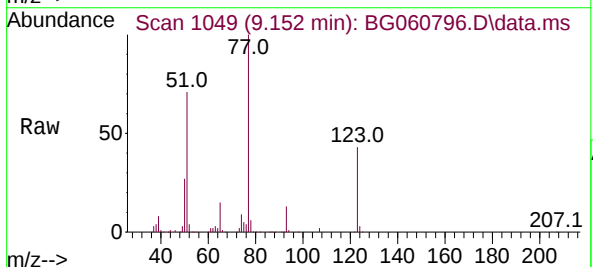
Tgt Ion: 77 Resp: 219873

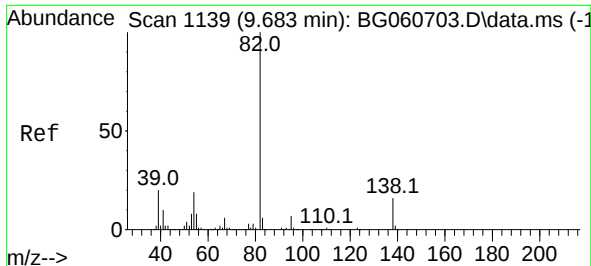
Ion Ratio Lower Upper

77 100

123 42.8 32.7 49.1

65 14.9 11.3 16.9





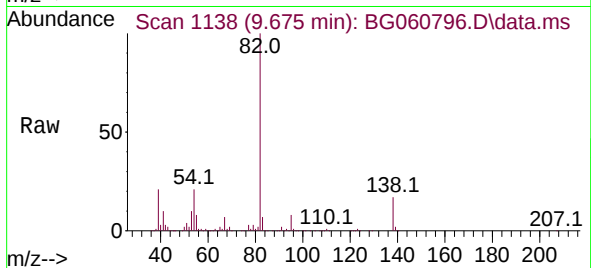
#25
Isophorone
Concen: 38.454 ng
RT: 9.675 min Scan# 1138
Delta R.T. -0.008 min
Lab File: BG060796.D
Acq: 5 Apr 2024 15:01

Instrument :

BNA_G

ClientSampleId :

TP1MSD

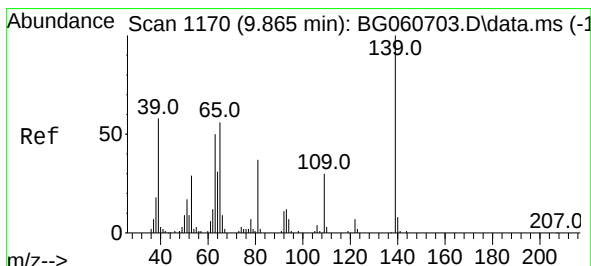
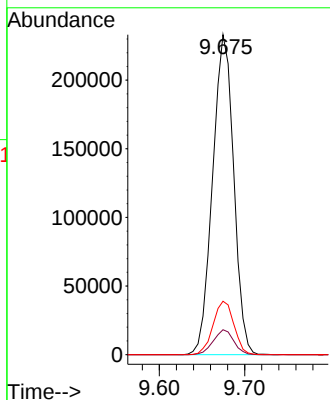
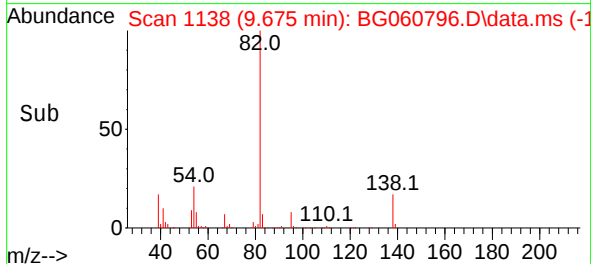


Tgt Ion: 82 Resp: 401099
Ion Ratio Lower Upper
82 100
95 7.8 5.8 8.8
138 16.7 13.0 19.4

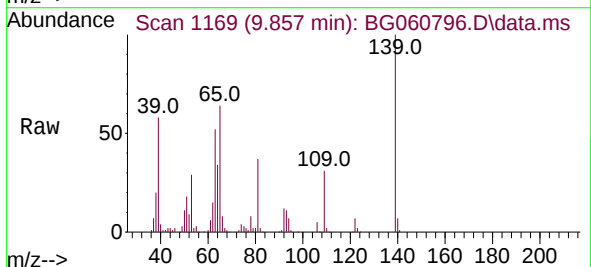
Manual Integrations

APPROVED

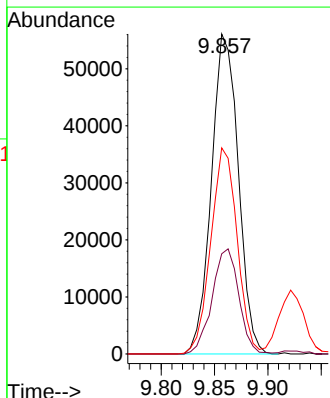
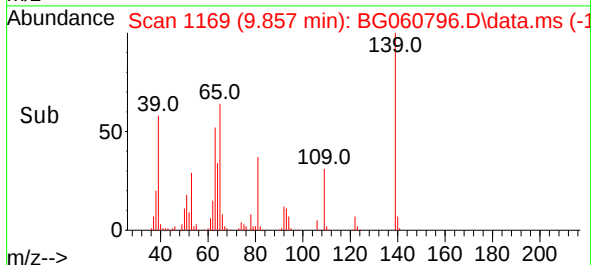
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024

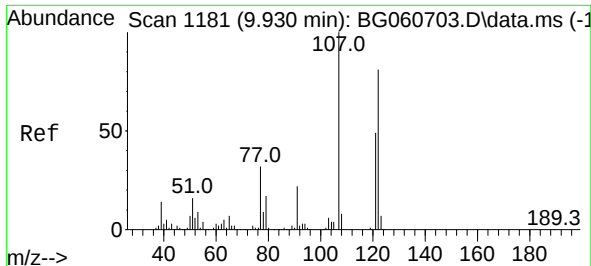


#26
2-Nitrophenol
Concen: 54.248 ng
RT: 9.857 min Scan# 1169
Delta R.T. -0.008 min
Lab File: BG060796.D
Acq: 5 Apr 2024 15:01



Tgt Ion:139 Resp: 98342
Ion Ratio Lower Upper
139 100
109 31.3 23.9 35.9
65 64.4 44.5 66.7





#27

2,4-Dimethylphenol

Concen: 33.870 ng

RT: 9.921 min Scan# 1181

Delta R.T. -0.009 min

Lab File: BG060796.D

Acq: 5 Apr 2024 15:01

Instrument :

BNA_G

ClientSampleId :

TP1MSD

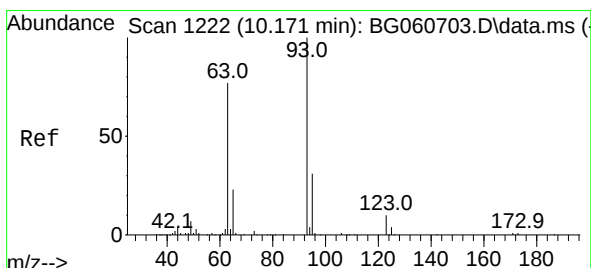
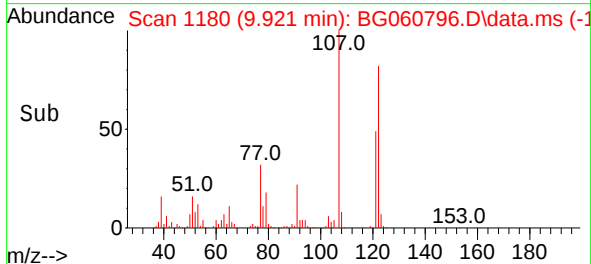
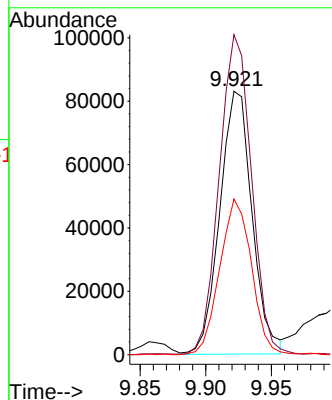
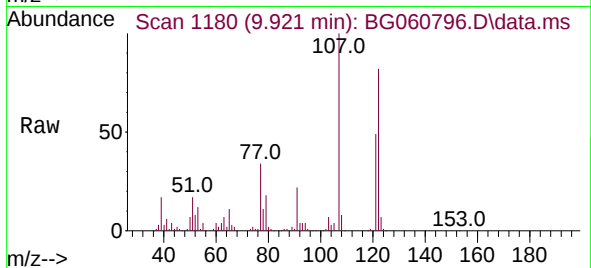
Tgt Ion:122 Resp: 141913
 Ion Ratio Lower Upper
 122 100
 107 121.5 98.6 147.8
 121 59.1 48.1 72.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/08/2024

Supervised By :mohammad ahmed 04/08/2024



#28

bis(2-Chloroethoxy)methane

Concen: 38.073 ng

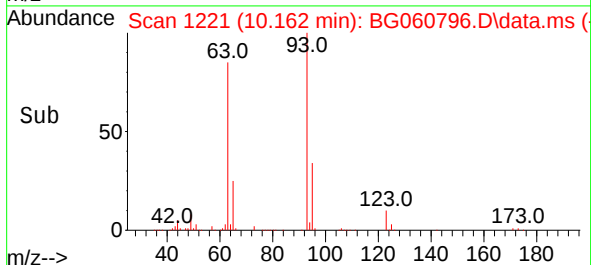
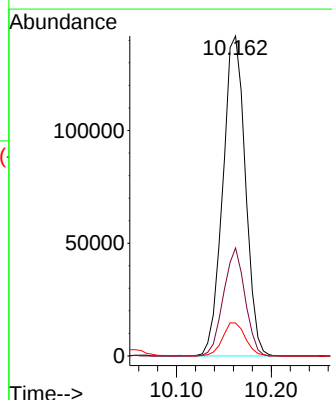
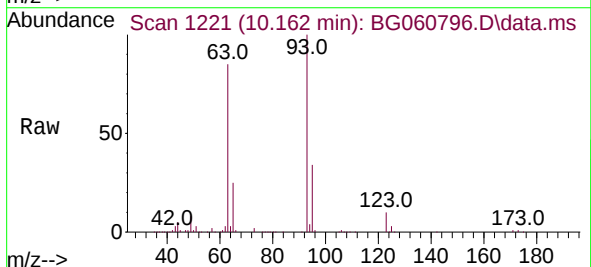
RT: 10.162 min Scan# 1221

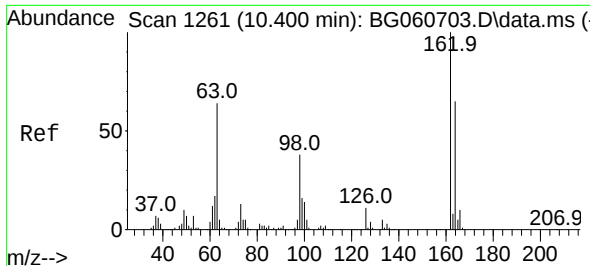
Delta R.T. -0.008 min

Lab File: BG060796.D

Acq: 5 Apr 2024 15:01

Tgt Ion: 93 Resp: 234454
 Ion Ratio Lower Upper
 93 100
 95 33.7 25.1 37.7
 123 10.3 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 47.942 ng

RT: 10.397 min Scan# 1261

Delta R.T. -0.003 min

Lab File: BG060796.D

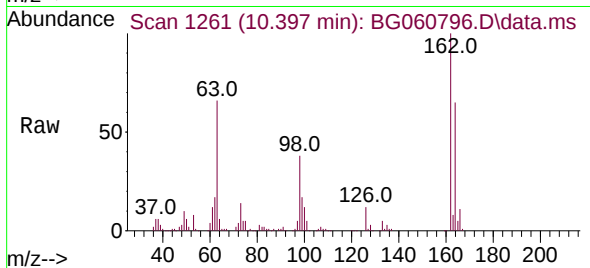
Acq: 5 Apr 2024 15:01

Instrument :

BNA_G

ClientSampleId :

TP1MSD



Tgt Ion:162 Resp: 18446

Ion Ratio Lower Upper

162 100

164 64.7 45.2 85.2

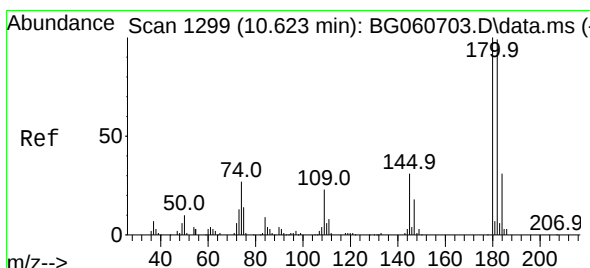
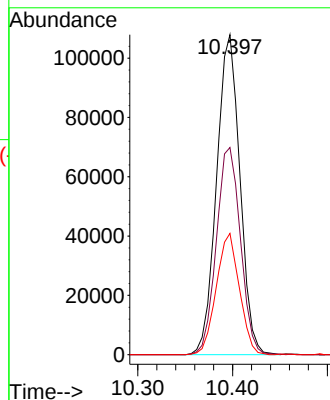
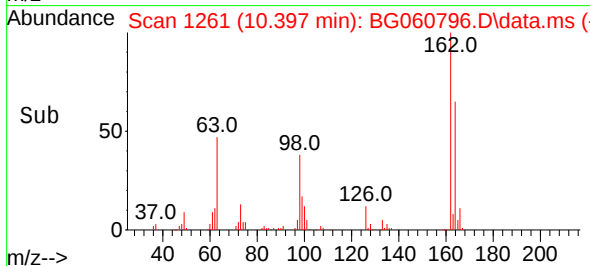
98 37.9 17.7 57.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/08/2024

Supervised By :mohammad ahmed 04/08/2024



#30

1,2,4-Trichlorobenzene

Concen: 45.071 ng

RT: 10.615 min Scan# 1298

Delta R.T. -0.008 min

Lab File: BG060796.D

Acq: 5 Apr 2024 15:01

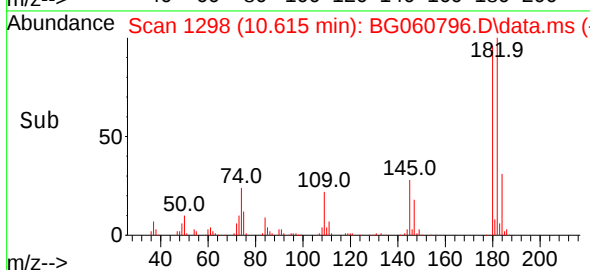
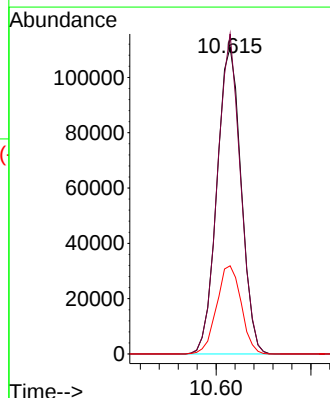
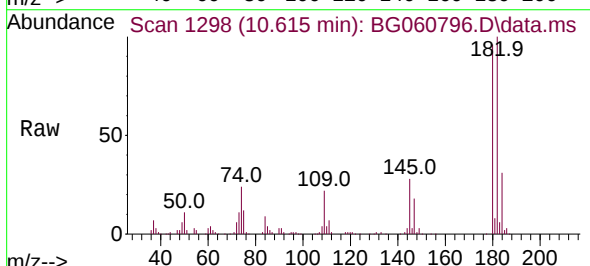
Tgt Ion:180 Resp: 196364

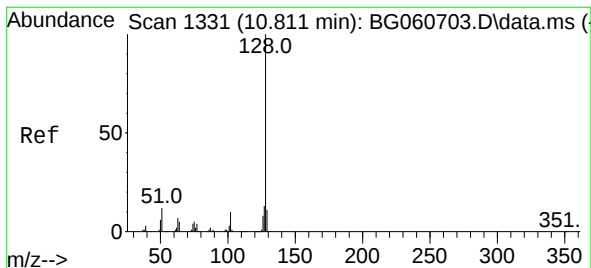
Ion Ratio Lower Upper

180 100

182 104.3 79.0 118.4

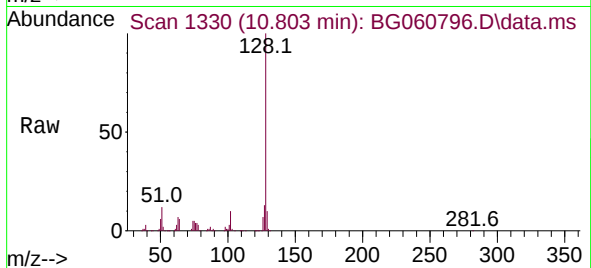
145 28.8 24.9 37.3





#31
Naphthalene
Concen: 40.675 ng
RT: 10.803 min Scan# 1331
Delta R.T. -0.008 min
Lab File: BG060796.D
Acq: 5 Apr 2024 15:01

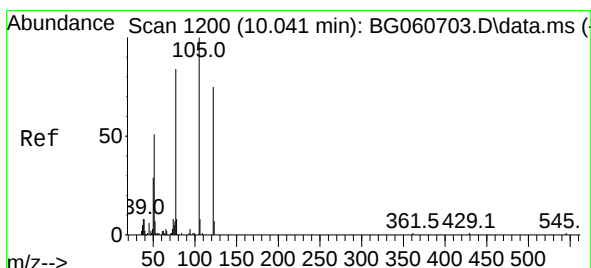
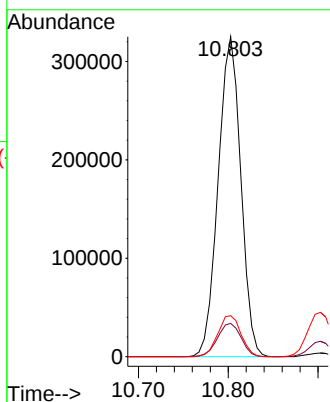
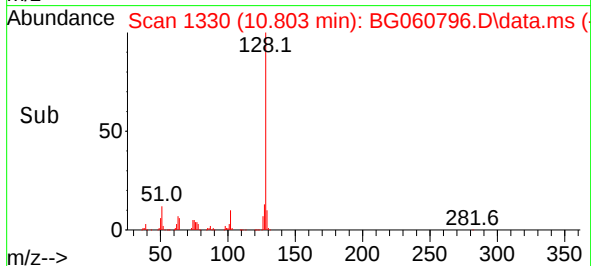
Instrument :
BNA_G
ClientSampleId :
TP1MSD



Tgt Ion:128 Resp: 56857
Ion Ratio Lower Upper
128 100
129 10.4 8.5 12.7
127 12.8 10.5 15.7

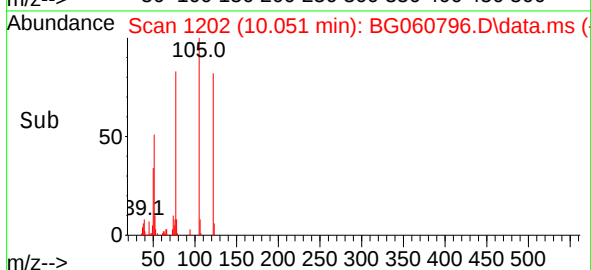
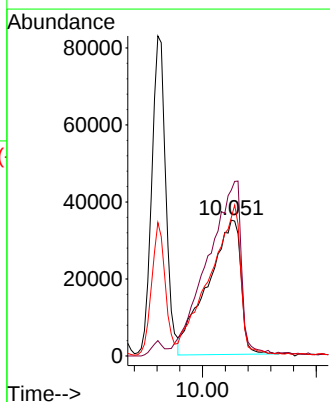
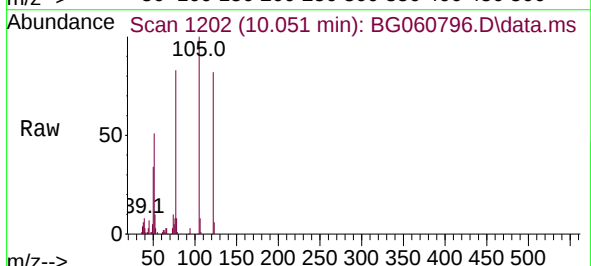
Manual Integrations
APPROVED

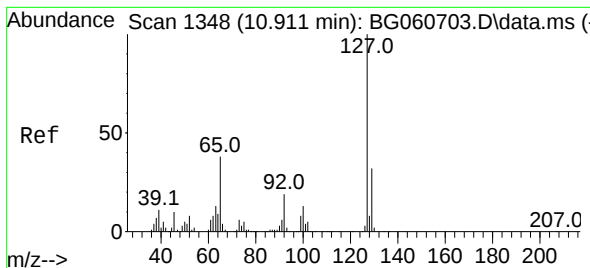
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#32
Benzoic acid
Concen: 50.121 ng
RT: 10.051 min Scan# 1202
Delta R.T. 0.010 min
Lab File: BG060796.D
Acq: 5 Apr 2024 15:01

Tgt Ion:122 Resp: 140704
Ion Ratio Lower Upper
122 100
105 122.1 104.5 144.5
77 101.8 85.3 125.3





#33
4-Chloroaniline
Concen: 13.071 ng
RT: 10.903 min Scan# 1347
Delta R.T. -0.008 min
Lab File: BG060796.D
Acq: 5 Apr 2024 15:01

Instrument :

BNA_G

ClientSampleId :

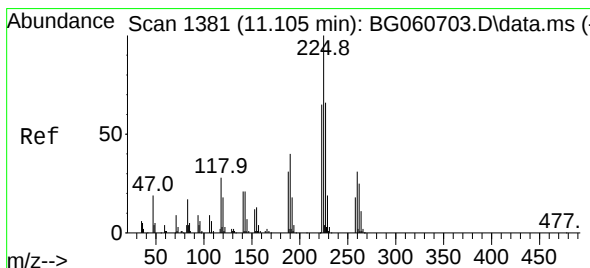
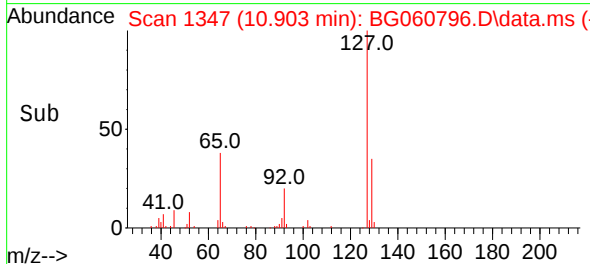
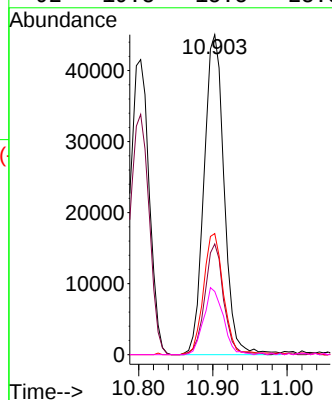
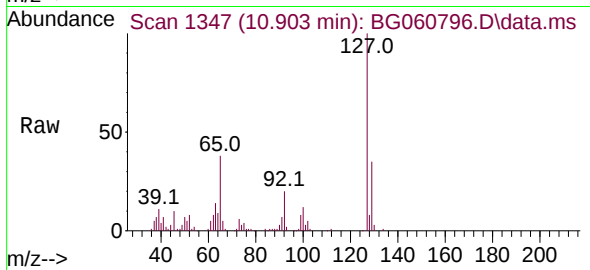
TP1MSD

Tgt Ion:127 Resp: 8486
Ion Ratio Lower Upper
127 100
129 34.6 25.3 37.9
65 37.9 30.2 45.2
92 19.8 15.5 23.3

Manual Integrations

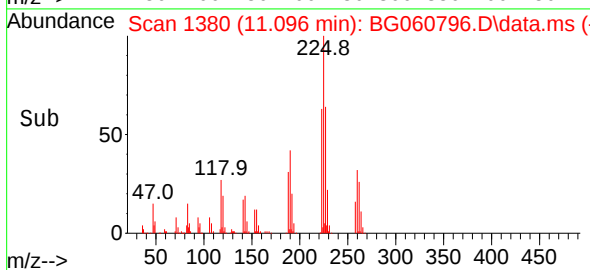
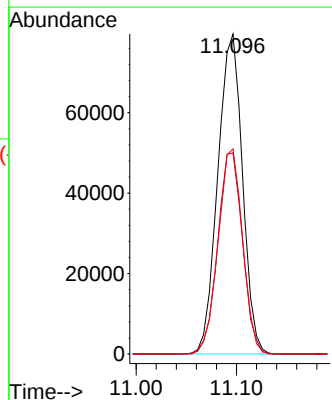
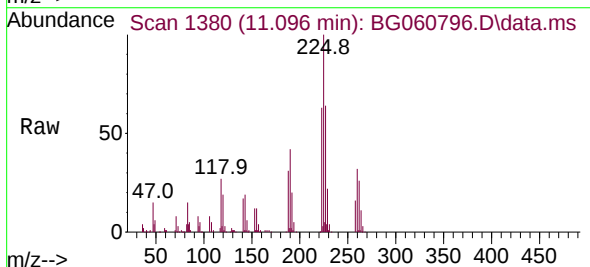
APPROVED

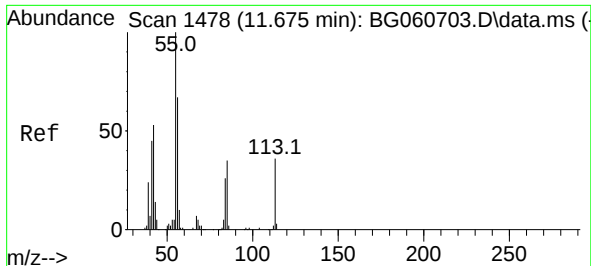
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#34
Hexachlorobutadiene
Concen: 46.646 ng
RT: 11.096 min Scan# 1380
Delta R.T. -0.008 min
Lab File: BG060796.D
Acq: 5 Apr 2024 15:01

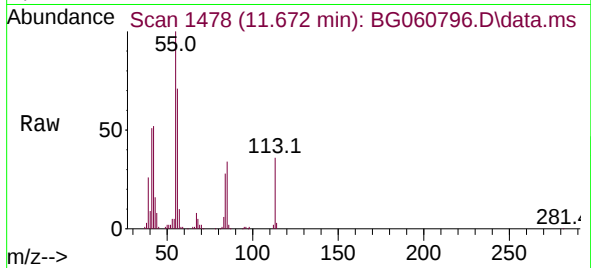
Tgt Ion:225 Resp: 135442
Ion Ratio Lower Upper
225 100
223 62.9 52.0 78.0
227 64.1 52.5 78.7





#35
Caprolactam
Concen: 41.378 ng m
RT: 11.672 min Scan# 1478
Delta R.T. -0.002 min
Lab File: BG060796.D
Acq: 5 Apr 2024 15:01

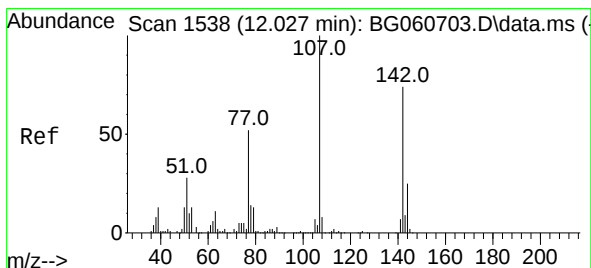
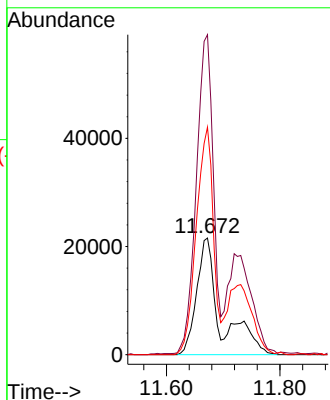
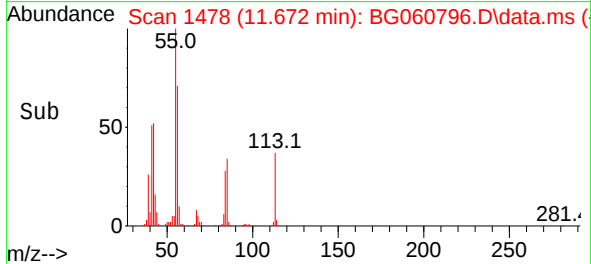
Instrument :
BNA_G
ClientSampleId :
TP1MSD



Tgt Ion:113 Resp: 6305
Ion Ratio Lower Upper
113 100
55 274.2 258.0 298.0
56 195.0 166.3 206.3

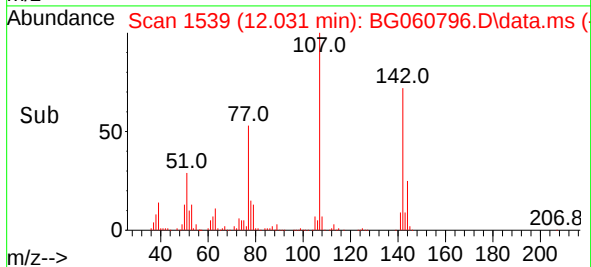
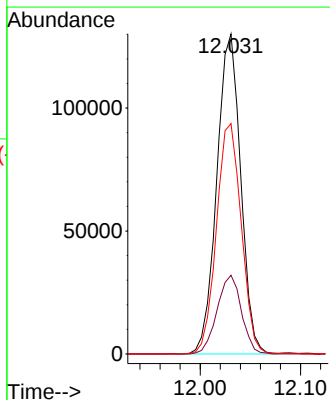
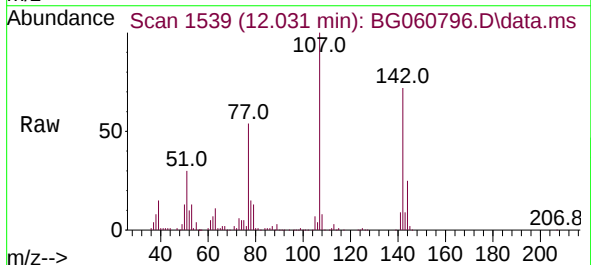
Manual Integrations
APPROVED

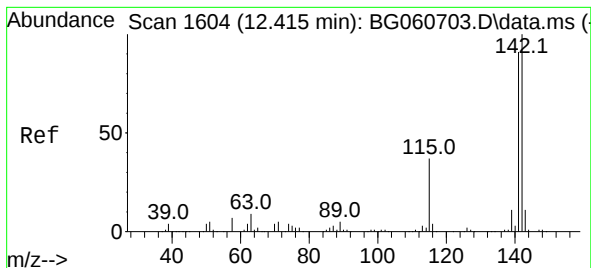
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#36
4-Chloro-3-methylphenol
Concen: 43.725 ng
RT: 12.031 min Scan# 1539
Delta R.T. 0.003 min
Lab File: BG060796.D
Acq: 5 Apr 2024 15:01

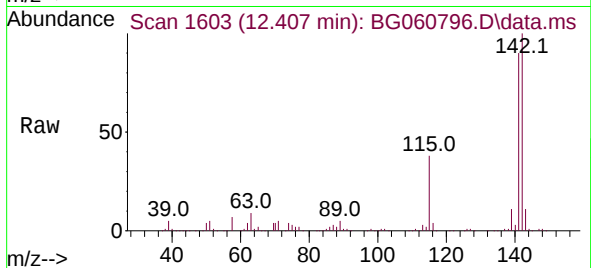
Tgt Ion:107 Resp: 214917
Ion Ratio Lower Upper
107 100
144 24.6 20.0 30.0
142 72.0 59.2 88.8





#37
2-Methylnaphthalene
Concen: 39.380 ng
RT: 12.407 min Scan# 1603
Delta R.T. -0.008 min
Lab File: BG060796.D
Acq: 5 Apr 2024 15:01

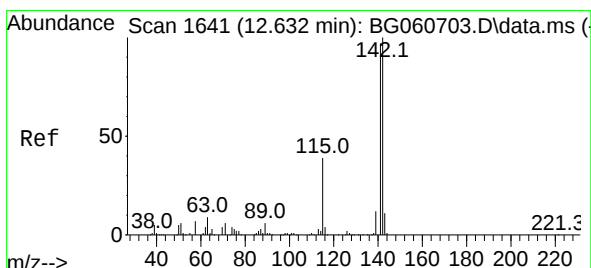
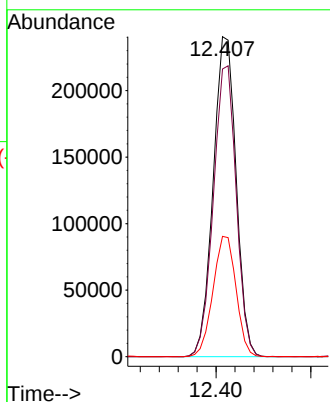
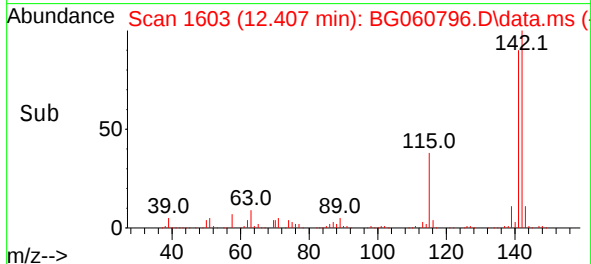
Instrument :
BNA_G
ClientSampleId :
TP1MSD



Tgt Ion:142 Resp: 404700
Ion Ratio Lower Upper
142 100
141 89.9 72.7 109.1
115 37.6 29.9 44.9

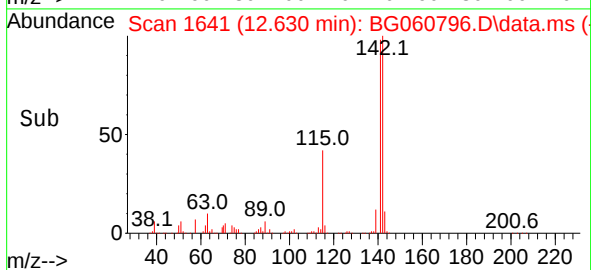
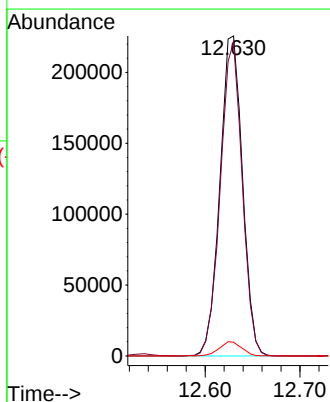
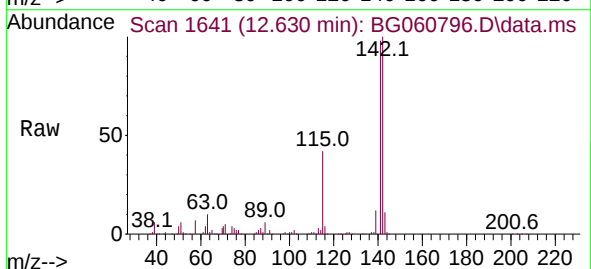
Manual Integrations
APPROVED

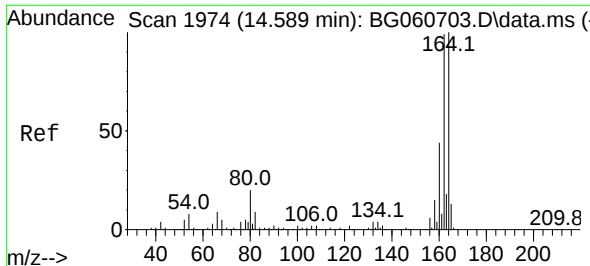
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#38
1-Methylnaphthalene
Concen: 38.501 ng
RT: 12.630 min Scan# 1641
Delta R.T. -0.002 min
Lab File: BG060796.D
Acq: 5 Apr 2024 15:01

Tgt Ion:142 Resp: 373785
Ion Ratio Lower Upper
142 100
141 98.2 77.7 116.5
116 4.3 3.4 5.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.581 min Scan# 1974
Delta R.T. -0.008 min
Lab File: BG060796.D
Acq: 5 Apr 2024 15:01

Instrument :

BNA_G

ClientSampleId :

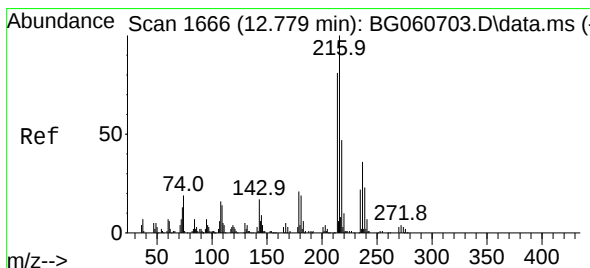
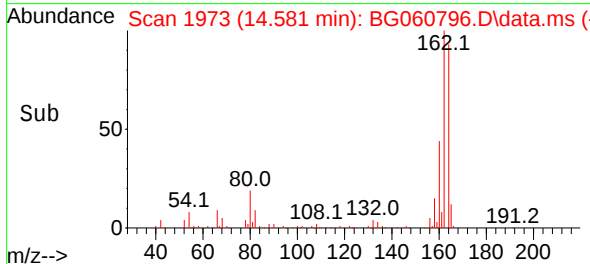
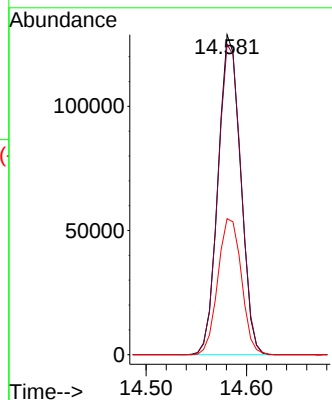
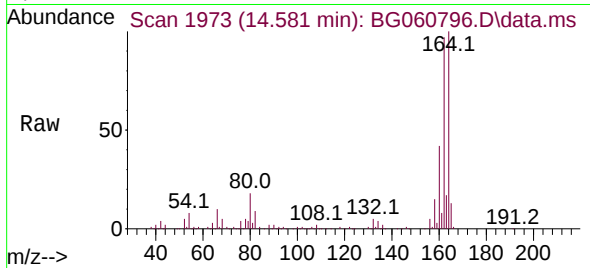
TP1MSD

Tgt Ion:164 Resp: 20060
Ion Ratio Lower Upper
164 100
162 96.9 79.5 119.3
160 42.5 35.4 53.0

Manual Integrations

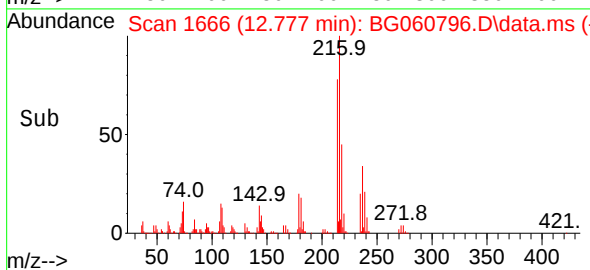
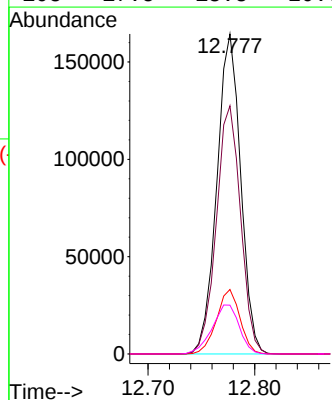
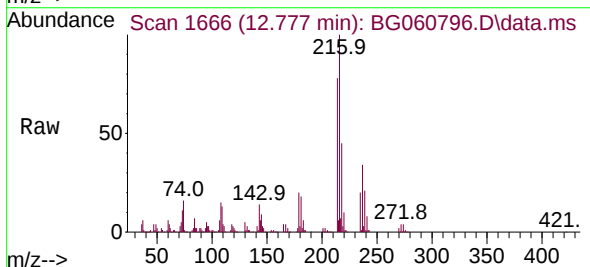
APPROVED

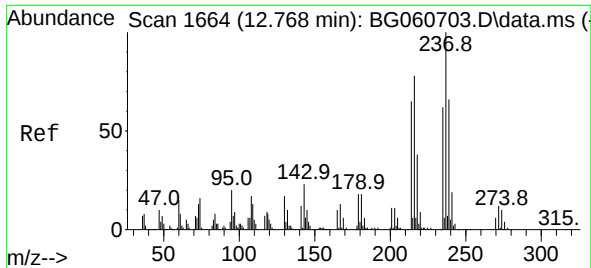
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.188 ng
RT: 12.777 min Scan# 1666
Delta R.T. -0.002 min
Lab File: BG060796.D
Acq: 5 Apr 2024 15:01

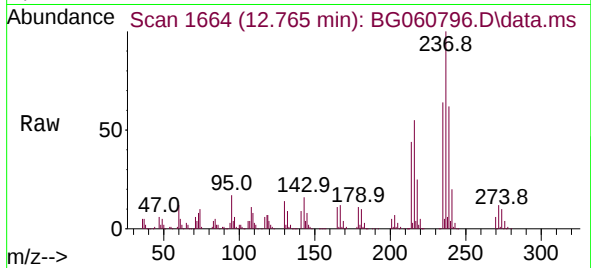
Tgt Ion:216 Resp: 254840
Ion Ratio Lower Upper
216 100
214 78.8 63.1 94.7
179 19.9 16.7 25.1
108 17.5 13.8 20.6





#41
Hexachlorocyclopentadiene
Concen: 92.461 ng
RT: 12.765 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG060796.D
Acq: 5 Apr 2024 15:01

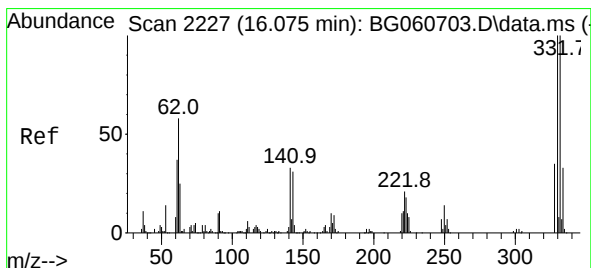
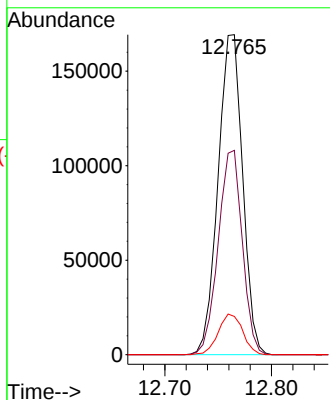
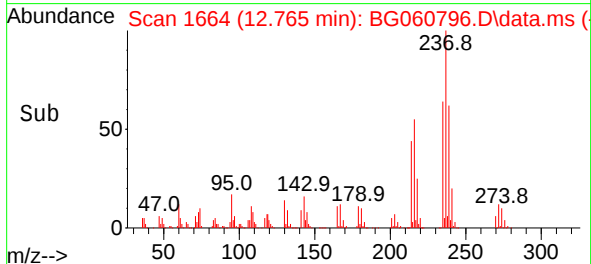
Instrument :
BNA_G
ClientSampleId :
TP1MSD



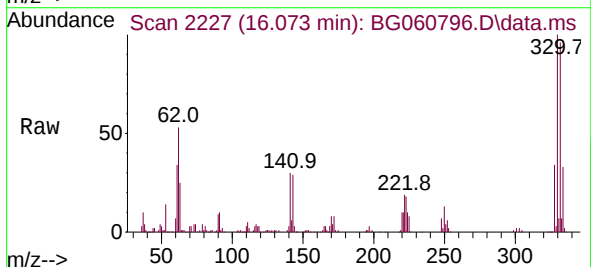
Tgt Ion:237 Resp: 27114
Ion Ratio Lower Upper
237 100
235 63.8 42.0 82.0
272 11.9 0.0 32.4

Manual Integrations
APPROVED

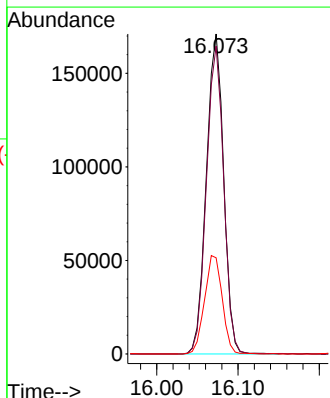
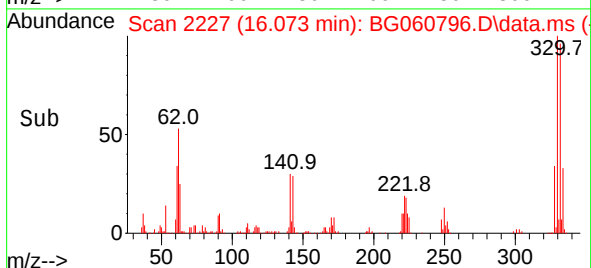
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024

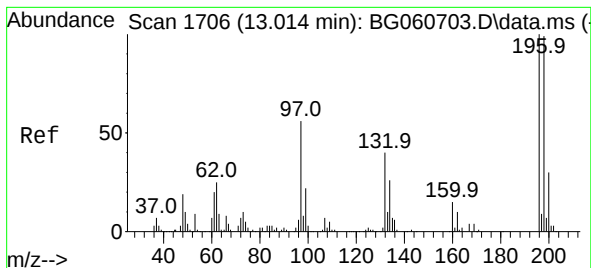


#42
2,4,6-Tribromophenol
Concen: 111.073 ng
RT: 16.073 min Scan# 2227
Delta R.T. -0.002 min
Lab File: BG060796.D
Acq: 5 Apr 2024 15:01



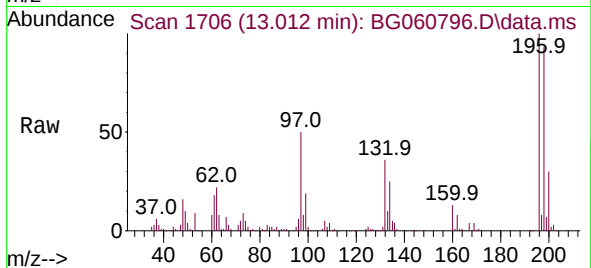
Tgt Ion:330 Resp: 252936
Ion Ratio Lower Upper
330 100
332 96.0 78.2 117.4
141 31.4 27.0 40.6





#43
2,4,6-Trichlorophenol
Concen: 47.586 ng
RT: 13.012 min Scan# 1706
Delta R.T. -0.002 min
Lab File: BG060796.D
Acq: 5 Apr 2024 15:01

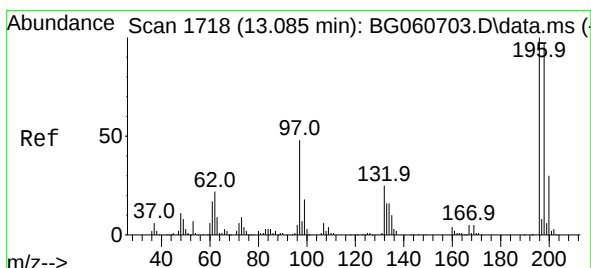
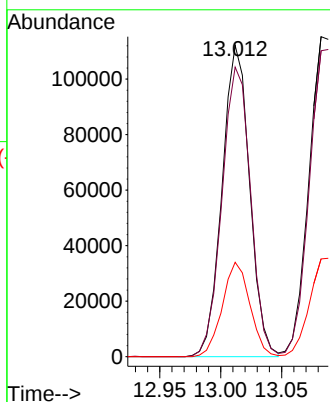
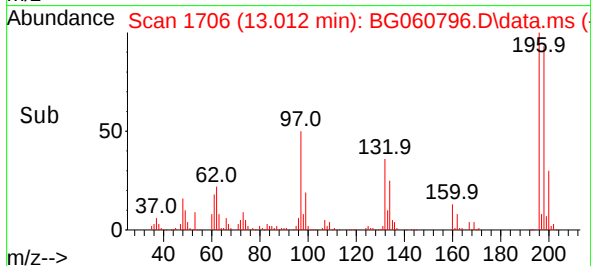
Instrument :
BNA_G
ClientSampleId :
TP1MSD



Tgt Ion:196 Resp: 176715
Ion Ratio Lower Upper
196 100
198 93.0 79.1 118.7
200 30.4 24.0 36.0

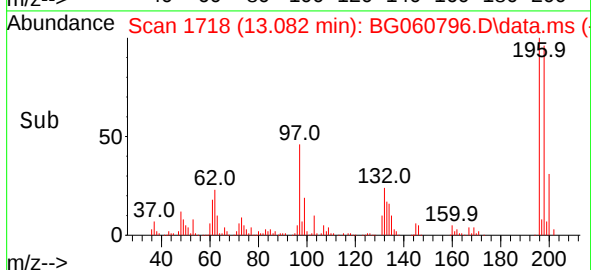
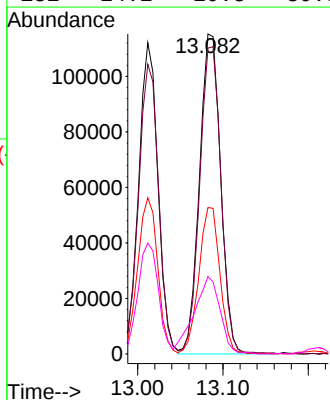
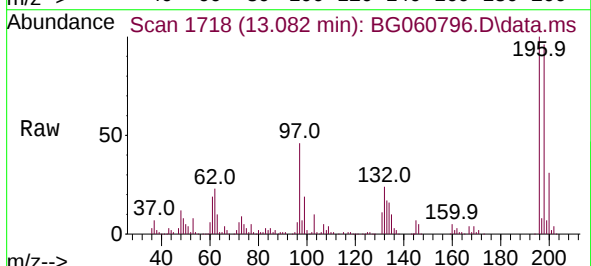
Manual Integrations
APPROVED

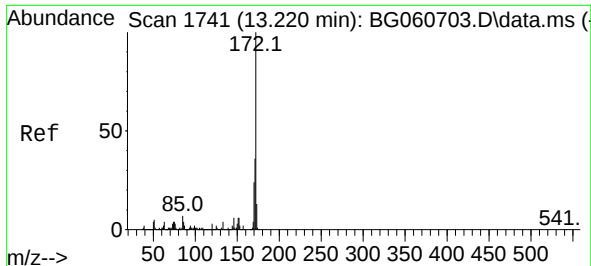
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#44
2,4,5-Trichlorophenol
Concen: 44.949 ng
RT: 13.082 min Scan# 1718
Delta R.T. -0.002 min
Lab File: BG060796.D
Acq: 5 Apr 2024 15:01

Tgt Ion:196 Resp: 199204
Ion Ratio Lower Upper
196 100
198 95.6 77.8 116.8
97 45.7 38.2 57.4
132 24.2 20.3 30.5





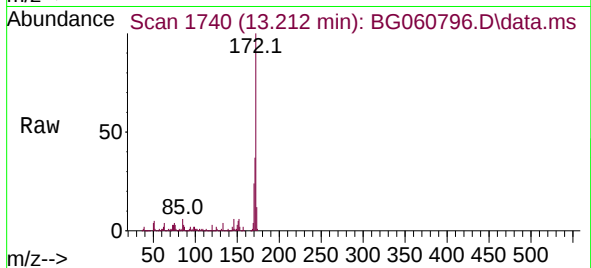
#45
2-Fluorobiphenyl
Concen: 53.152 ng
RT: 13.212 min Scan# 1740
Delta R.T. -0.008 min
Lab File: BG060796.D
Acq: 5 Apr 2024 15:01

Instrument :

BNA_G

ClientSampleId :

TP1MSD



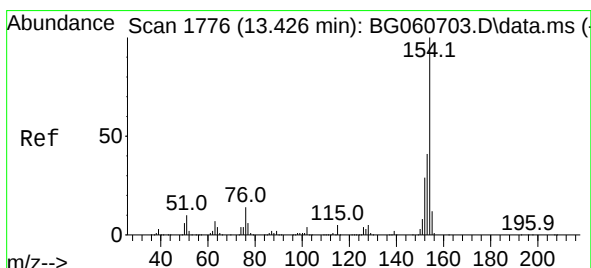
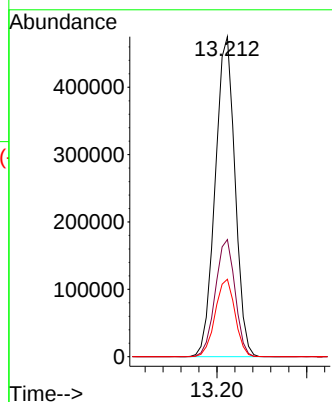
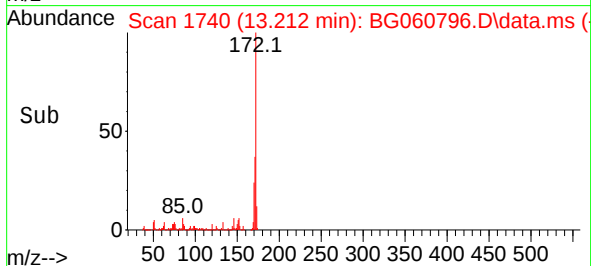
Tgt Ion:172 Resp: 726524
Ion Ratio Lower Upper
172 100
171 36.6 28.7 43.1
170 24.2 19.4 29.0

Manual Integrations

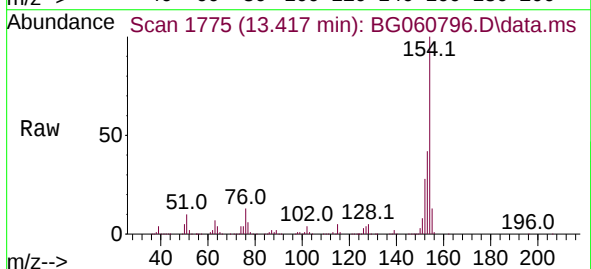
APPROVED

Reviewed By :Yogesh Patel 04/08/2024

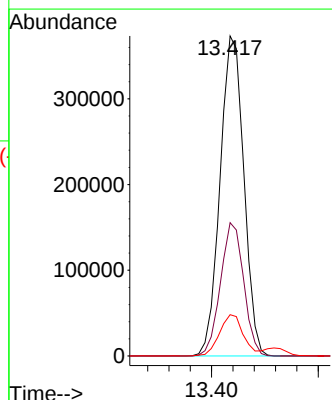
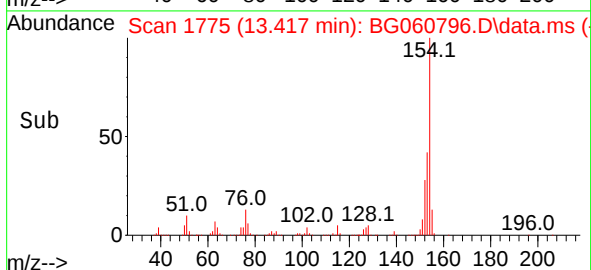
Supervised By :mohammad ahmed 04/08/2024

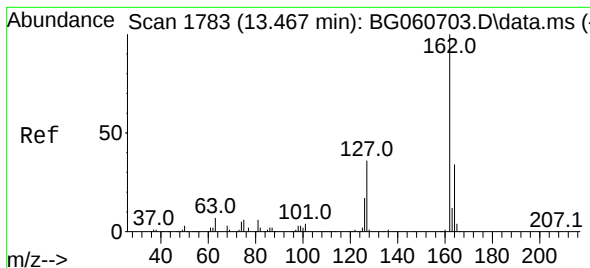


#46
1,1'-Biphenyl
Concen: 40.772 ng
RT: 13.417 min Scan# 1775
Delta R.T. -0.008 min
Lab File: BG060796.D
Acq: 5 Apr 2024 15:01



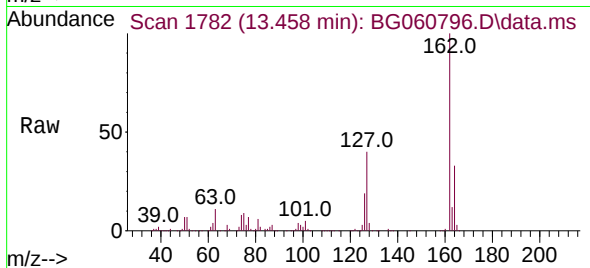
Tgt Ion:154 Resp: 577722
Ion Ratio Lower Upper
154 100
153 41.6 20.8 60.8
76 12.9 0.0 33.9





#47
2-Chloronaphthalene
Concen: 42.152 ng
RT: 13.458 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG060796.D
Acq: 5 Apr 2024 15:01

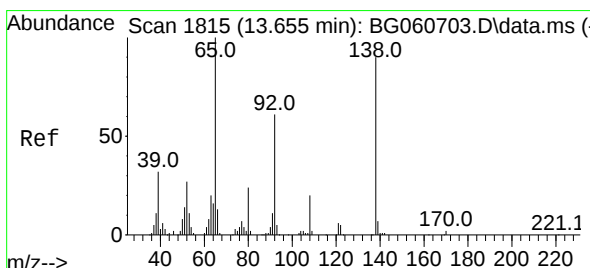
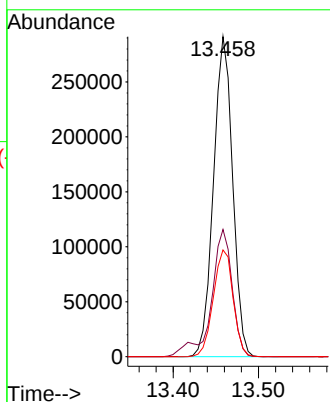
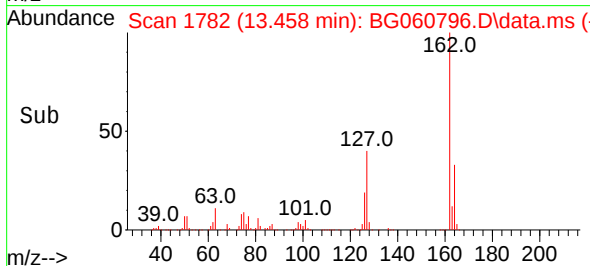
Instrument :
BNA_G
ClientSampleId :
TP1MSD



Tgt Ion:162 Resp: 453792
Ion Ratio Lower Upper
162 100
127 39.8 30.6 46.0
164 33.3 26.9 40.3

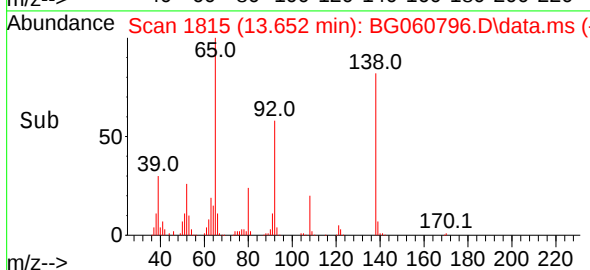
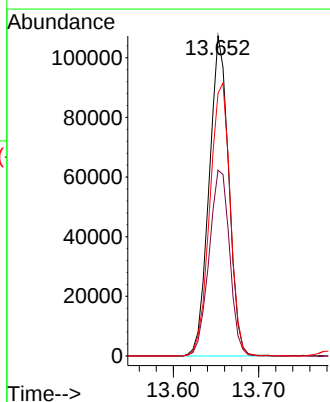
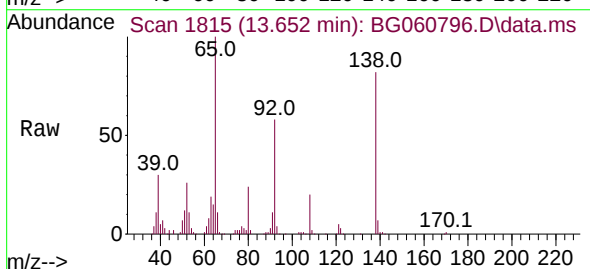
Manual Integrations
APPROVED

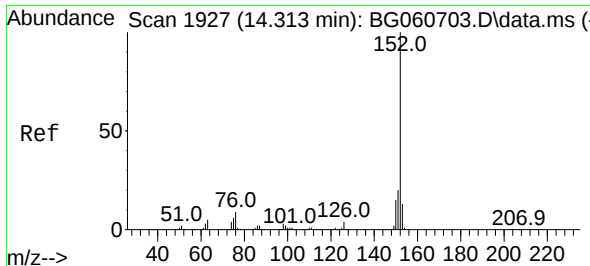
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#48
2-Nitroaniline
Concen: 48.876 ng
RT: 13.652 min Scan# 1815
Delta R.T. -0.003 min
Lab File: BG060796.D
Acq: 5 Apr 2024 15:01

Tgt Ion: 65 Resp: 171142
Ion Ratio Lower Upper
65 100
92 58.1 48.6 72.8
138 82.1 72.2 108.4





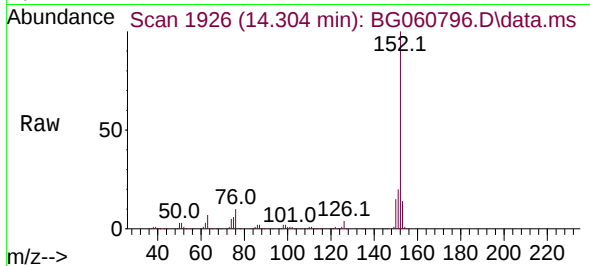
#49
Acenaphthylene
Concen: 43.226 ng
RT: 14.304 min Scan# 1926
Delta R.T. -0.009 min
Lab File: BG060796.D
Acq: 5 Apr 2024 15:01

Instrument :

BNA_G

ClientSampleId :

TP1MSD



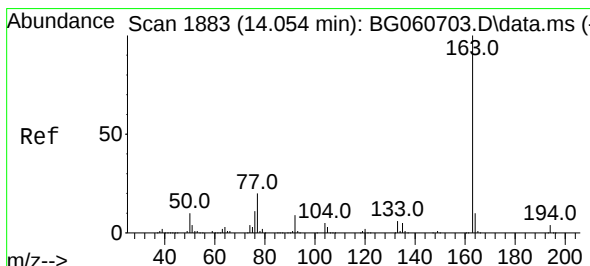
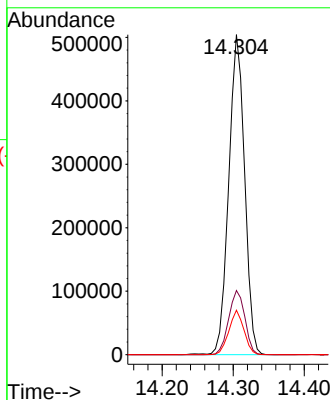
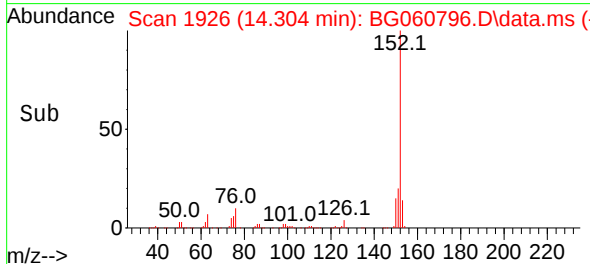
Tgt Ion:152 Resp: 781908
Ion Ratio Lower Upper
152 100
151 20.1 16.4 24.6
153 13.9 10.5 15.7

Manual Integrations

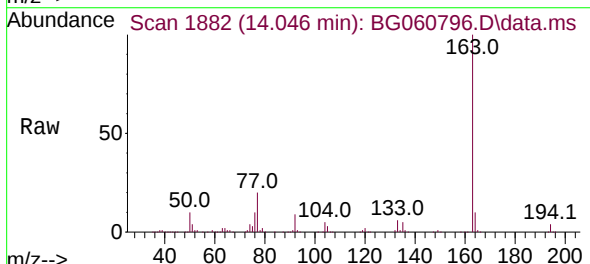
APPROVED

Reviewed By :Yogesh Patel 04/08/2024

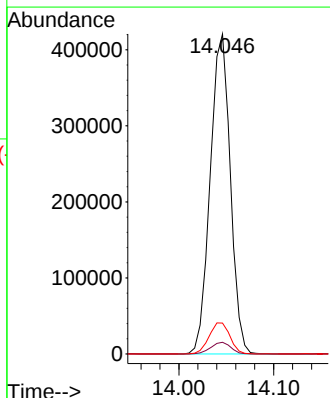
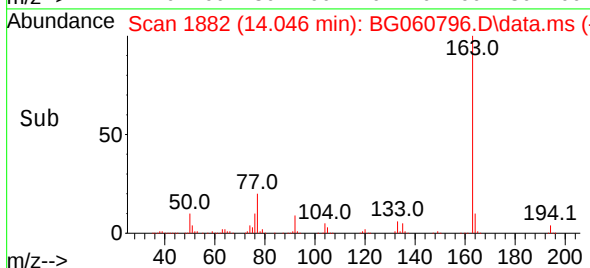
Supervised By :mohammad ahmed 04/08/2024

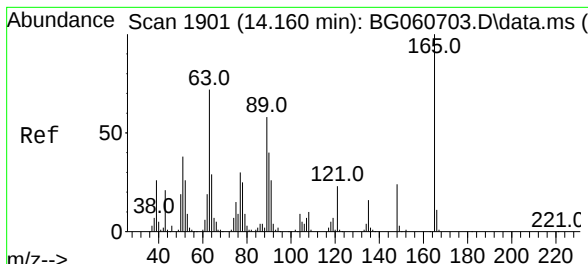


#50
Dimethylphthalate
Concen: 39.065 ng
RT: 14.046 min Scan# 1882
Delta R.T. -0.008 min
Lab File: BG060796.D
Acq: 5 Apr 2024 15:01



Tgt Ion:163 Resp: 619423
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.6
164 9.7 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 45.793 ng
RT: 14.152 min Scan# 1901
Delta R.T. -0.008 min
Lab File: BG060796.D
Acq: 5 Apr 2024 15:01

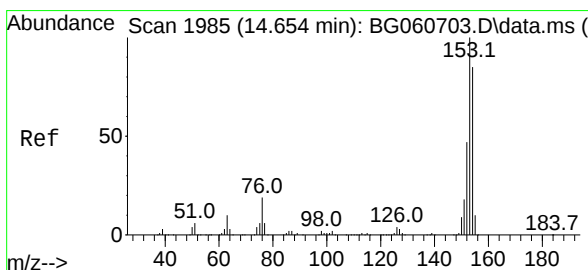
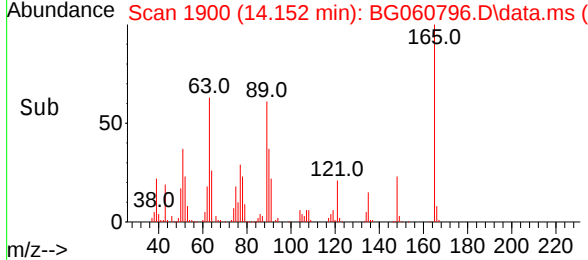
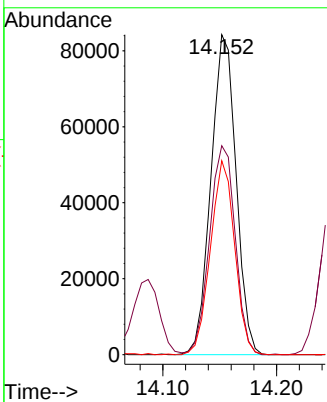
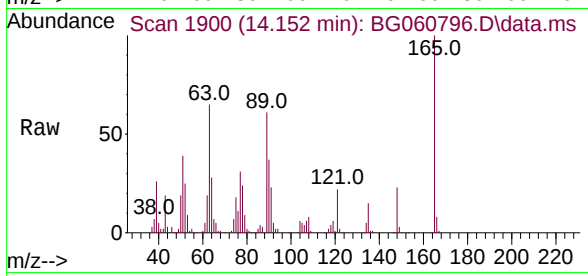
Instrument :
BNA_G
ClientSampleId :
TP1MSD

Tgt Ion:165 Resp: 129514

Ion	Ratio	Lower	Upper
165	100		
63	65.3	58.2	87.4
89	60.6	46.1	69.1

Manual Integrations
APPROVED

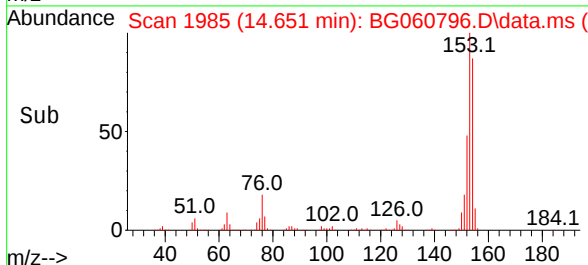
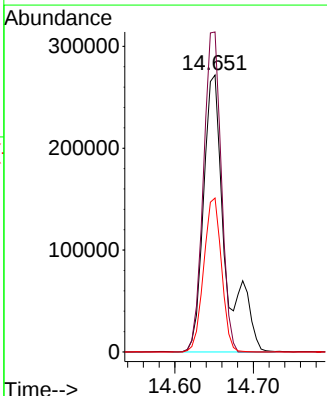
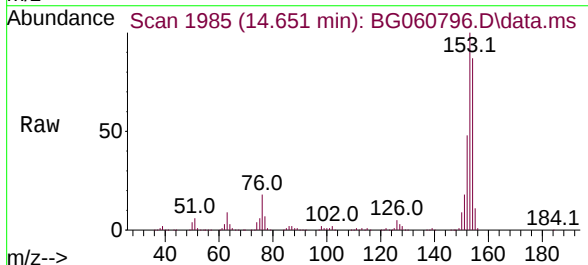
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024

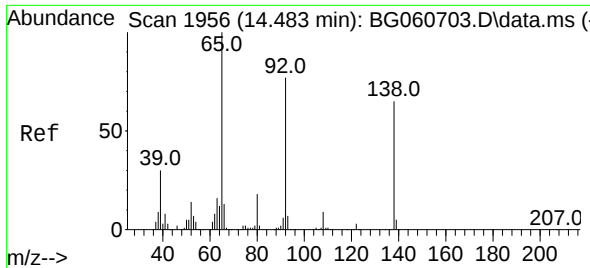


#52
Acenaphthene
Concen: 46.251 ng m
RT: 14.651 min Scan# 1985
Delta R.T. -0.003 min
Lab File: BG060796.D
Acq: 5 Apr 2024 15:01

Tgt Ion:154 Resp: 525288

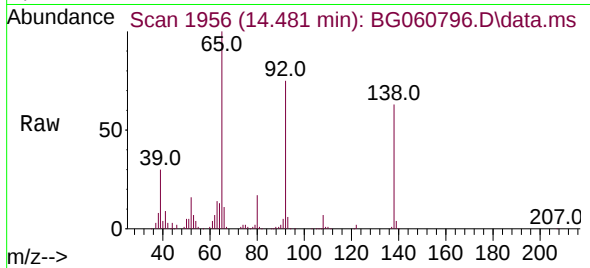
Ion	Ratio	Lower	Upper
154	100		
153	115.6	93.9	140.9
152	55.6	44.1	66.1





#53
3-Nitroaniline
Concen: 25.992 ng
RT: 14.481 min Scan# 1956
Delta R.T. -0.002 min
Lab File: BG060796.D
Acq: 5 Apr 2024 15:01

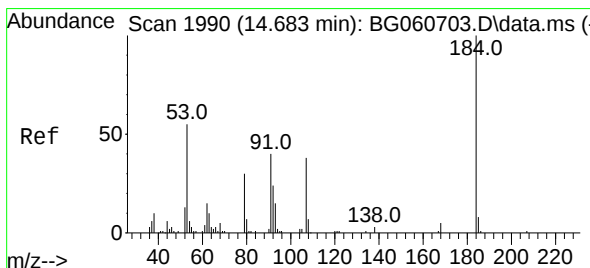
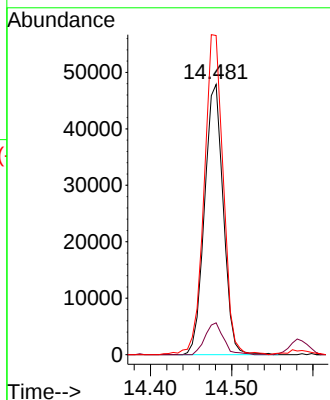
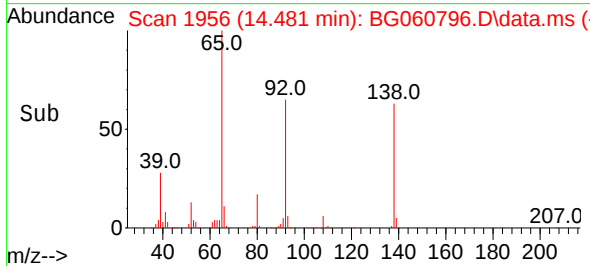
Instrument :
BNA_G
ClientSampleId :
TP1MSD



Tgt Ion:138 Resp: 76620
Ion Ratio Lower Upper
138 100
108 11.8 11.3 16.9
92 118.1 94.1 141.1

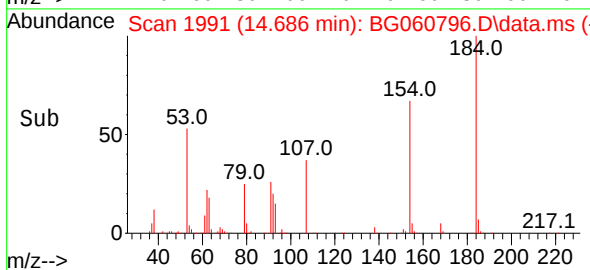
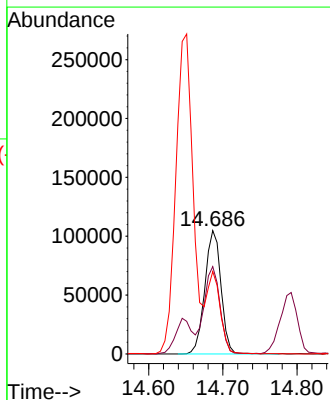
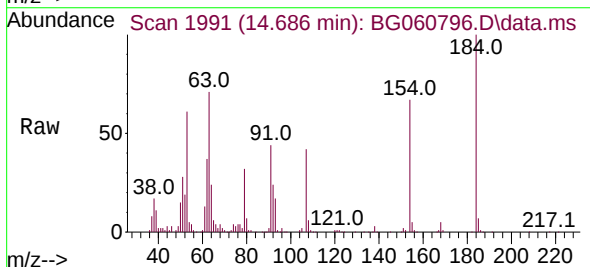
Manual Integrations
APPROVED

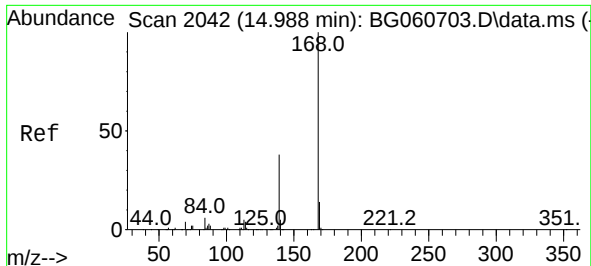
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#54
2,4-Dinitrophenol
Concen: 143.829 ng
RT: 14.686 min Scan# 1991
Delta R.T. 0.003 min
Lab File: BG060796.D
Acq: 5 Apr 2024 15:01

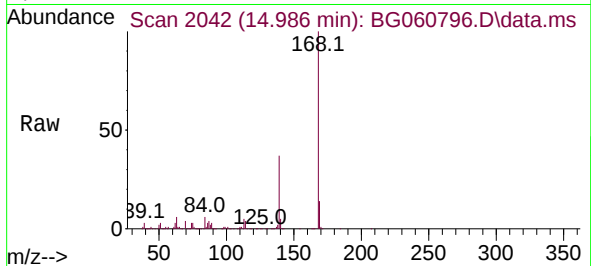
Tgt Ion:184 Resp: 158741
Ion Ratio Lower Upper
184 100
63 70.8 51.3 76.9
154 66.8 59.9 89.9





#55
Dibenzenofuran
Concen: 40.525 ng
RT: 14.986 min Scan# 2042
Delta R.T. -0.002 min
Lab File: BG060796.D
Acq: 5 Apr 2024 15:01

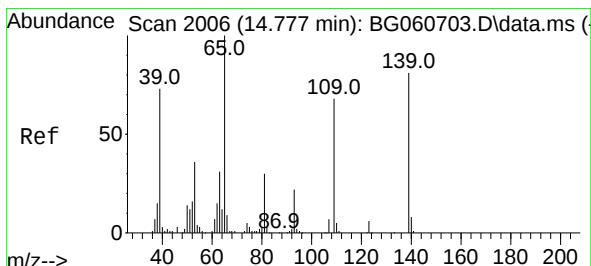
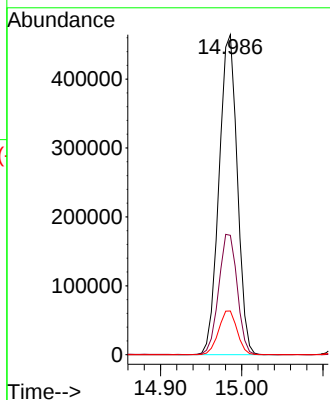
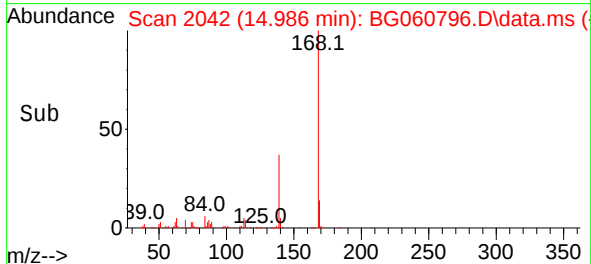
Instrument :
BNA_G
ClientSampleId :
TP1MSD



Tgt Ion:168 Resp: 72599
Ion Ratio Lower Upper
168 100
139 37.3 30.1 45.1
169 13.7 11.0 16.4

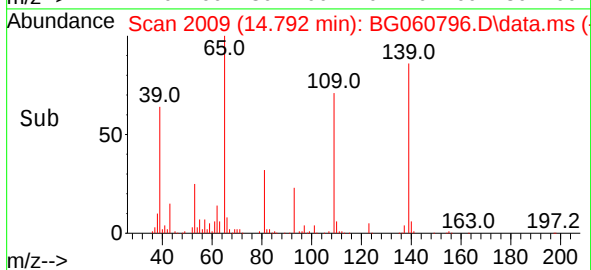
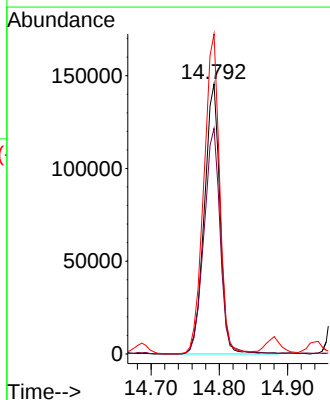
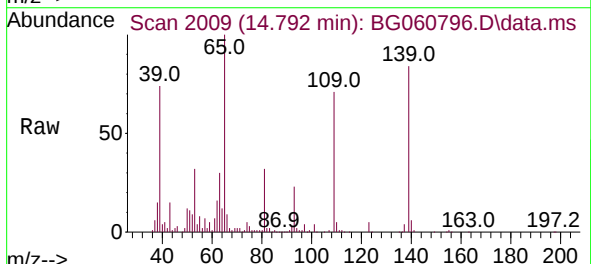
Manual Integrations
APPROVED

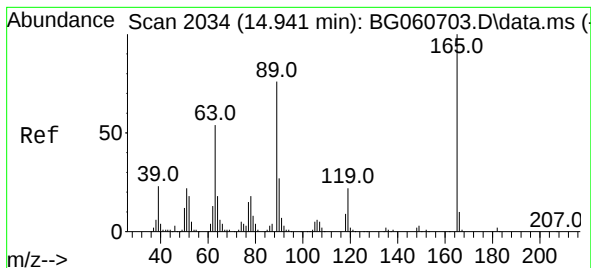
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#56
4-Nitrophenol
Concen: 100.344 ng
RT: 14.792 min Scan# 2009
Delta R.T. 0.015 min
Lab File: BG060796.D
Acq: 5 Apr 2024 15:01

Tgt Ion:139 Resp: 232597
Ion Ratio Lower Upper
139 100
109 83.5 64.0 104.0
65 118.5 104.3 144.3





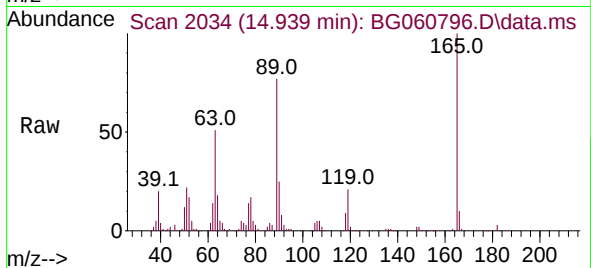
#57
2,4-Dinitrotoluene
Concen: 51.266 ng
RT: 14.939 min Scan# 2034
Delta R.T. -0.002 min
Lab File: BG060796.D
Acq: 5 Apr 2024 15:01

Instrument :

BNA_G

ClientSampleId :

TP1MSD

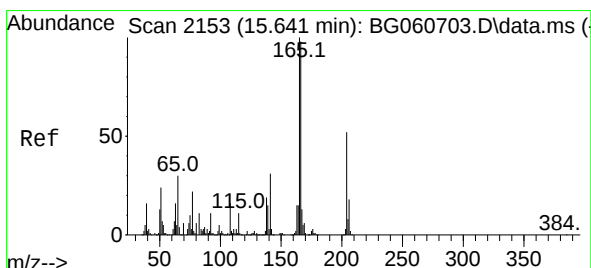
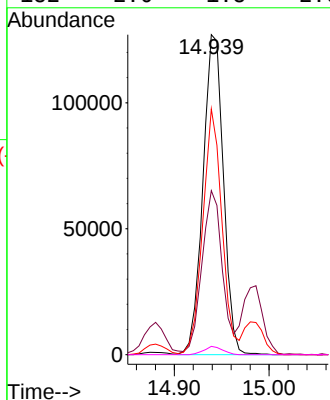
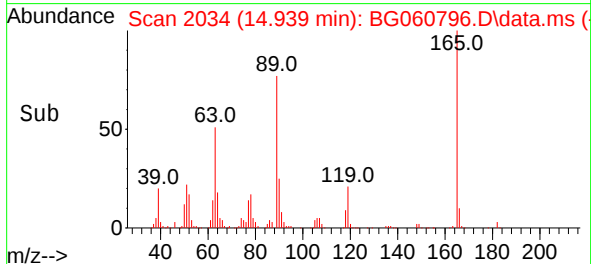


Tgt Ion:165 Resp: 190779
Ion Ratio Lower Upper
165 100
63 51.2 43.4 65.0
89 76.8 61.0 91.6
182 2.6 1.8 2.6

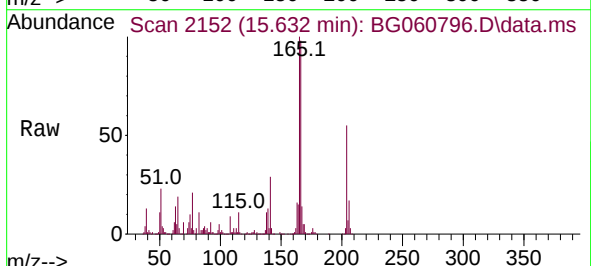
Manual Integrations

APPROVED

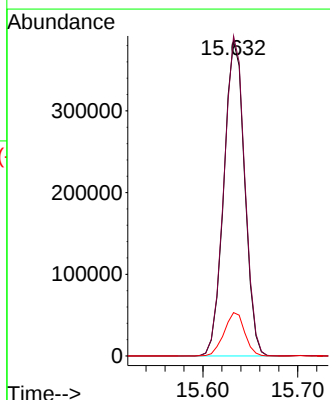
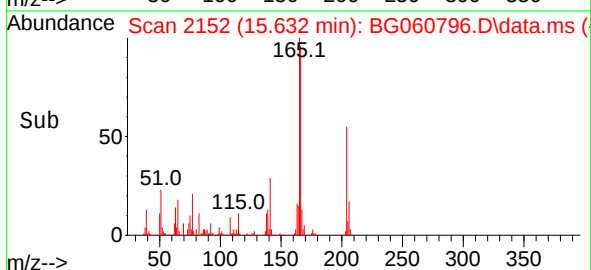
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024

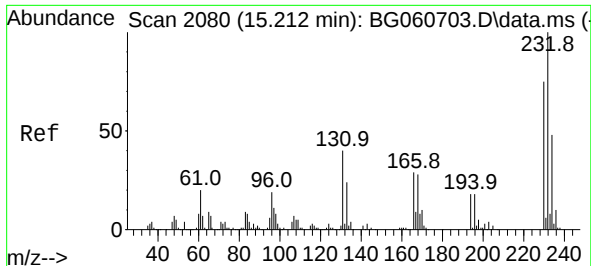


#58
Fluorene
Concen: 40.777 ng
RT: 15.632 min Scan# 2152
Delta R.T. -0.008 min
Lab File: BG060796.D
Acq: 5 Apr 2024 15:01



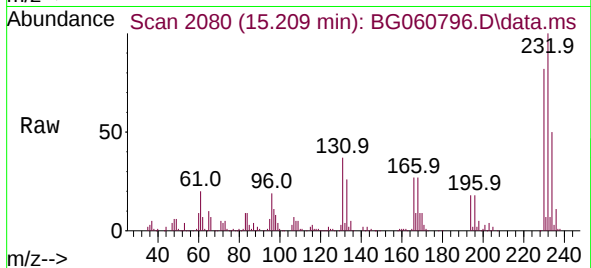
Tgt Ion:166 Resp: 586279
Ion Ratio Lower Upper
166 100
165 101.6 81.8 122.8
167 13.8 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.240 ng
RT: 15.209 min Scan# 2080
Delta R.T. -0.003 min
Lab File: BG060796.D
Acq: 5 Apr 2024 15:01

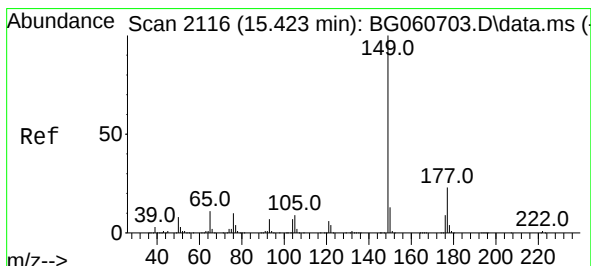
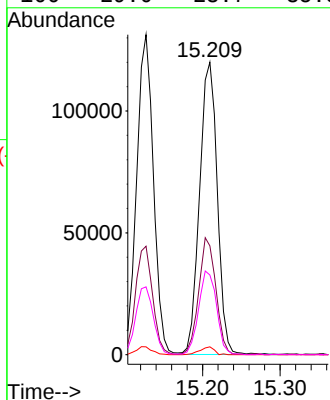
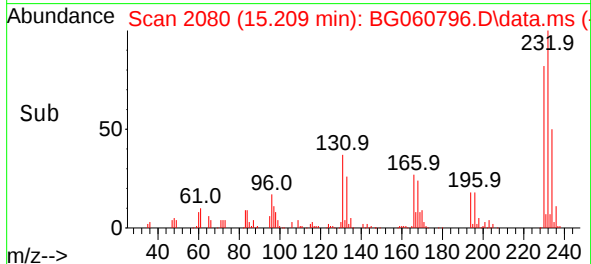
Instrument :
BNA_G
ClientSampleId :
TP1MSD



Tgt Ion:232 Resp: 190174
Ion Ratio Lower Upper
232 100
131 38.6 32.2 48.2
130 2.2 2.1 3.1
166 29.0 23.7 35.5

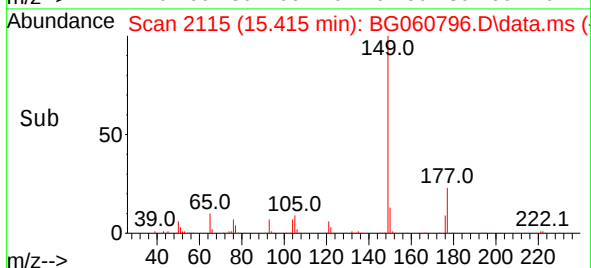
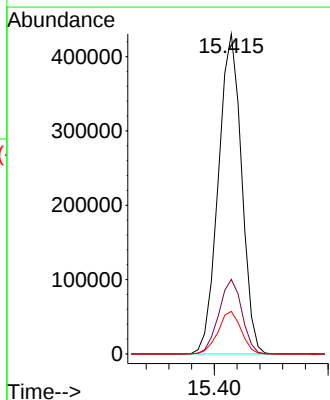
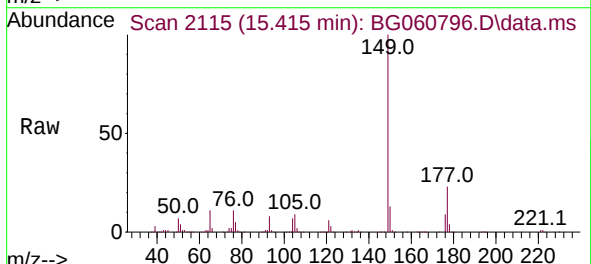
Manual Integrations
APPROVED

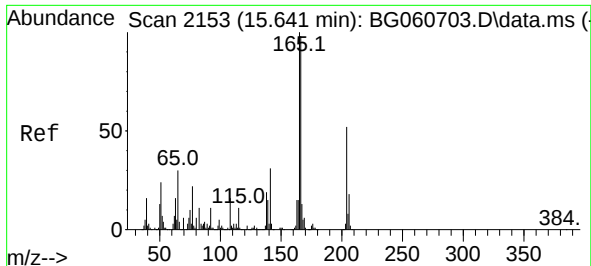
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#60
Diethylphthalate
Concen: 38.351 ng
RT: 15.415 min Scan# 2115
Delta R.T. -0.008 min
Lab File: BG060796.D
Acq: 5 Apr 2024 15:01

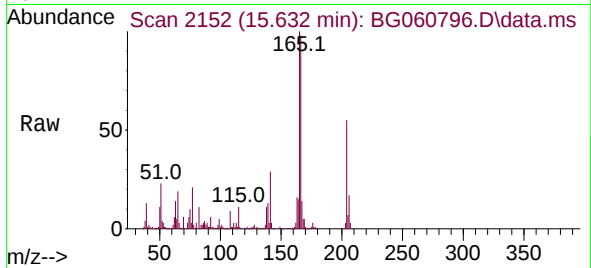
Tgt Ion:149 Resp: 611787
Ion Ratio Lower Upper
149 100
177 23.3 18.0 27.0
150 13.3 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 41.293 ng
RT: 15.632 min Scan# 2153
Delta R.T. -0.009 min
Lab File: BG060796.D
Acq: 5 Apr 2024 15:01

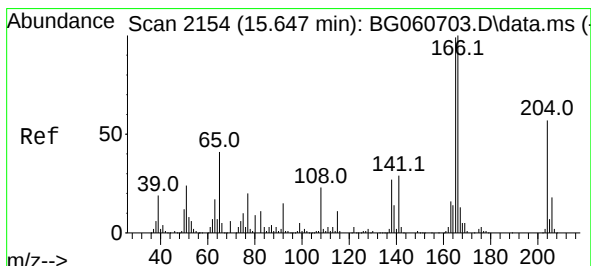
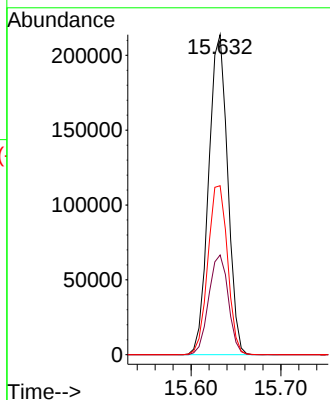
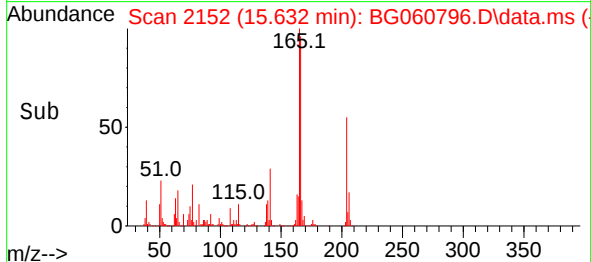
Instrument :
BNA_G
ClientSampleId :
TP1MSD



Tgt Ion:204 Resp: 314094
Ion Ratio Lower Upper
204 100
206 31.1 28.3 42.5
141 52.8 47.2 70.8

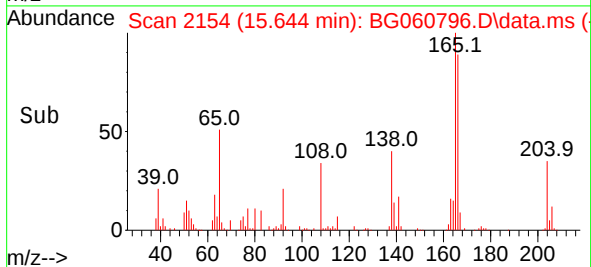
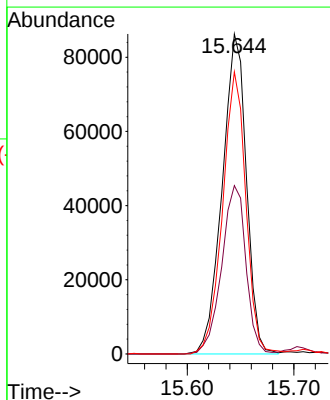
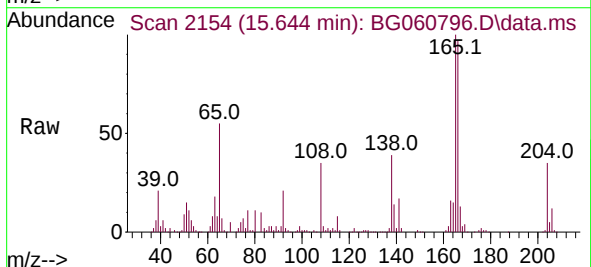
Manual Integrations
APPROVED

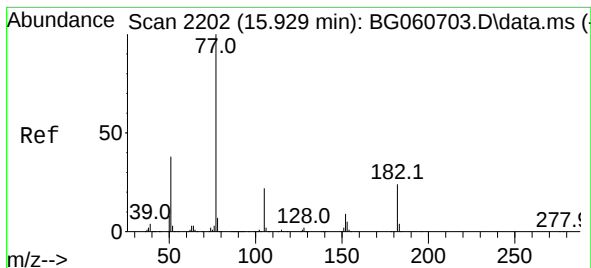
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#62
4-Nitroaniline
Concen: 46.754 ng
RT: 15.644 min Scan# 2154
Delta R.T. -0.002 min
Lab File: BG060796.D
Acq: 5 Apr 2024 15:01

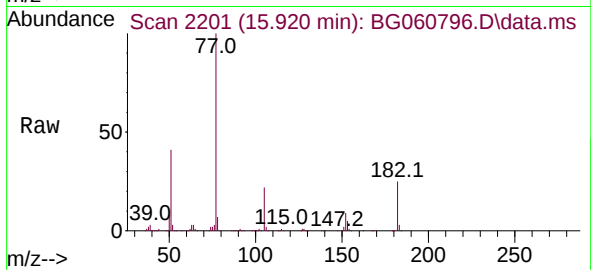
Tgt Ion:138 Resp: 135539
Ion Ratio Lower Upper
138 100
92 52.6 36.8 76.8
108 88.1 66.9 106.9





#63
Azobenzene
Concen: 39.114 ng
RT: 15.920 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG060796.D
Acq: 5 Apr 2024 15:01

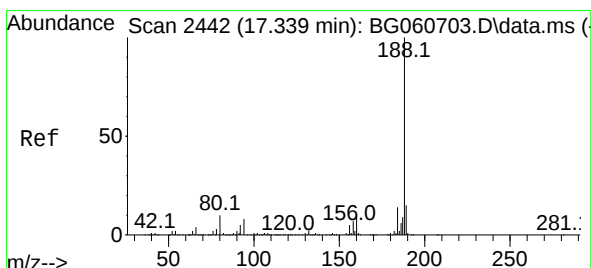
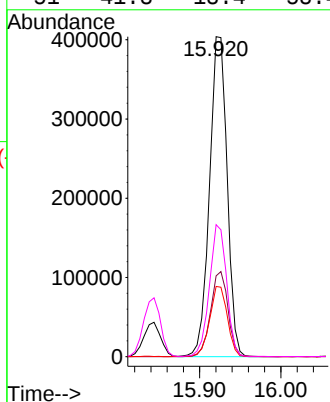
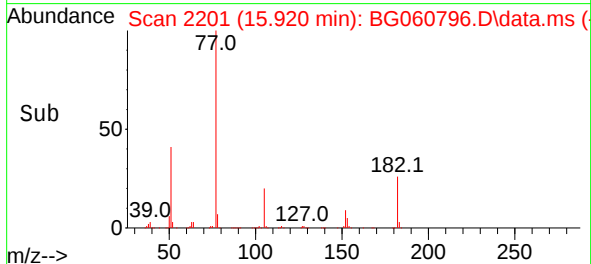
Instrument :
BNA_G
ClientSampleId :
TP1MSD



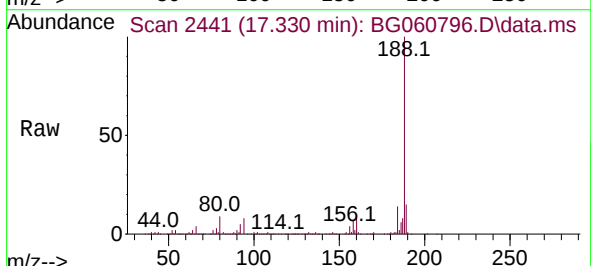
Tgt Ion: 77 Resp: 608030
Ion Ratio Lower Upper
77 100
182 25.2 3.9 43.9
105 22.0 1.7 41.7
51 41.3 18.4 58.4

Manual Integrations
APPROVED

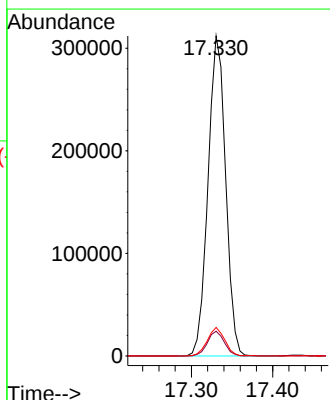
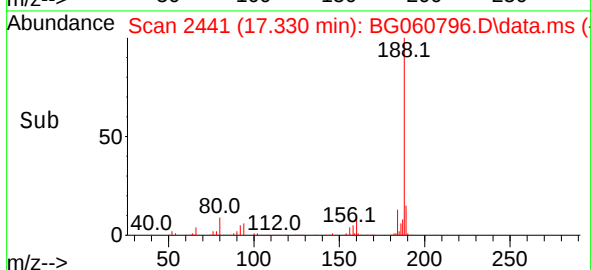
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024

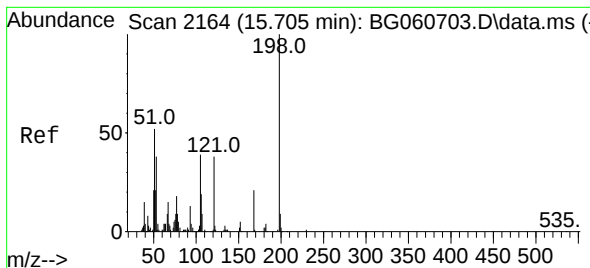


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.330 min Scan# 2441
Delta R.T. -0.008 min
Lab File: BG060796.D
Acq: 5 Apr 2024 15:01



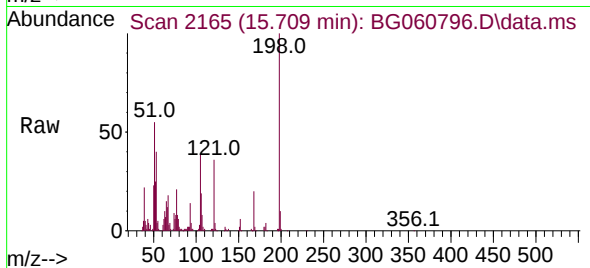
Tgt Ion:188 Resp: 468783
Ion Ratio Lower Upper
188 100
94 7.7 6.6 9.8
80 8.9 7.6 11.4





#65
4,6-Dinitro-2-methylphenol
Concen: 56.793 ng
RT: 15.709 min Scan# 2165
Delta R.T. 0.004 min
Lab File: BG060796.D
Acq: 5 Apr 2024 15:01

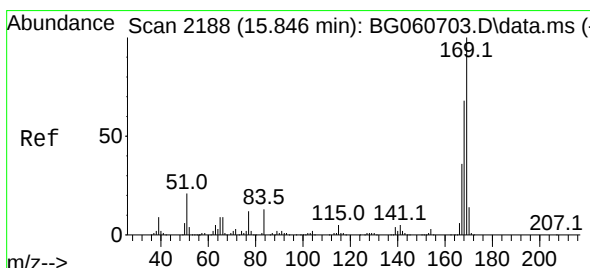
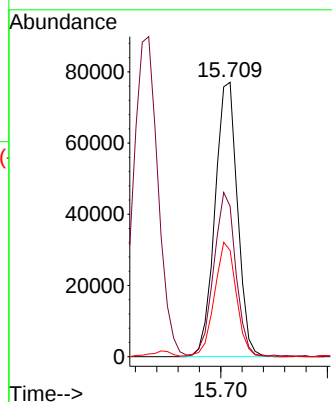
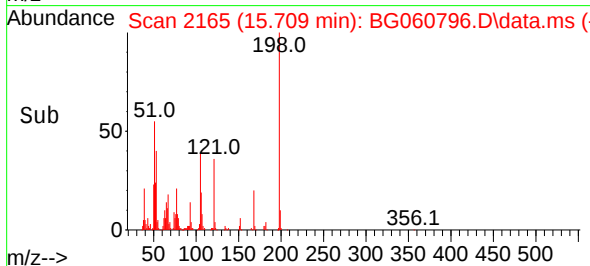
Instrument :
BNA_G
ClientSampleId :
TP1MSD



Tgt Ion:198 Resp: 112794
Ion Ratio Lower Upper
198 100
51 54.8 36.7 76.7
105 38.7 19.1 59.1

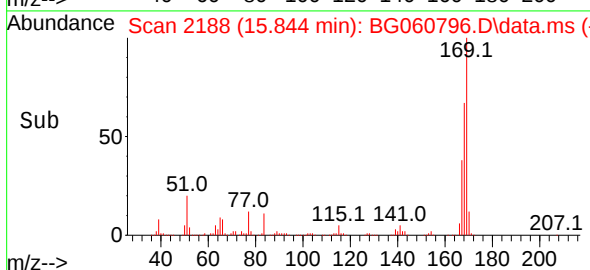
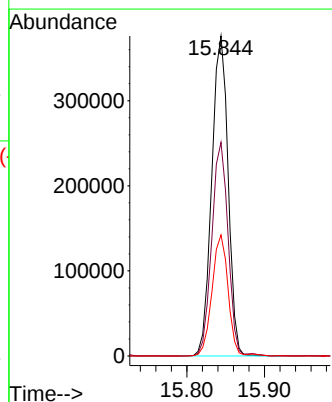
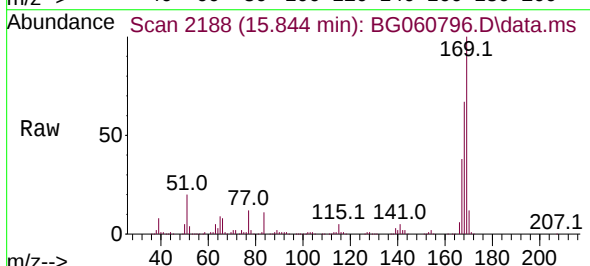
Manual Integrations
APPROVED

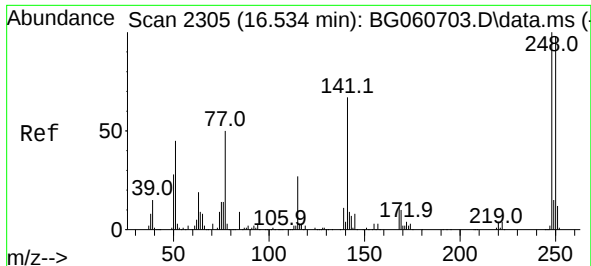
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#66
n-Nitrosodiphenylamine
Concen: 41.116 ng
RT: 15.844 min Scan# 2188
Delta R.T. -0.002 min
Lab File: BG060796.D
Acq: 5 Apr 2024 15:01

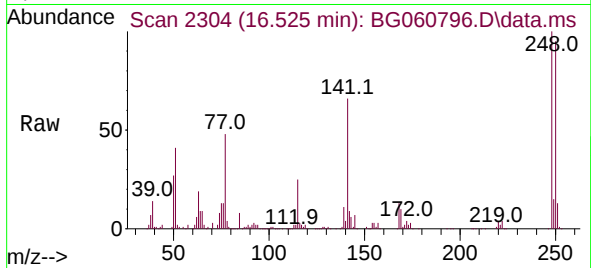
Tgt Ion:169 Resp: 550793
Ion Ratio Lower Upper
169 100
168 66.8 54.5 81.7
167 37.8 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 45.597 ng
RT: 16.525 min Scan# 2304
Delta R.T. -0.009 min
Lab File: BG060796.D
Acq: 5 Apr 2024 15:01

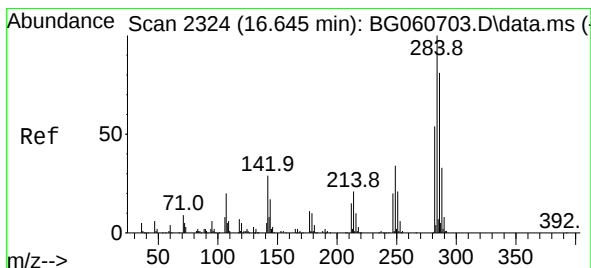
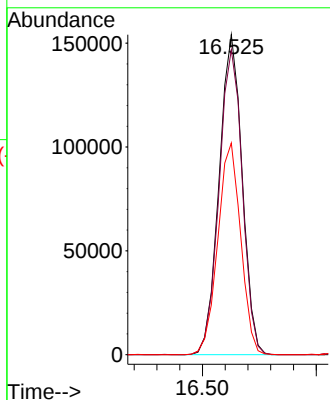
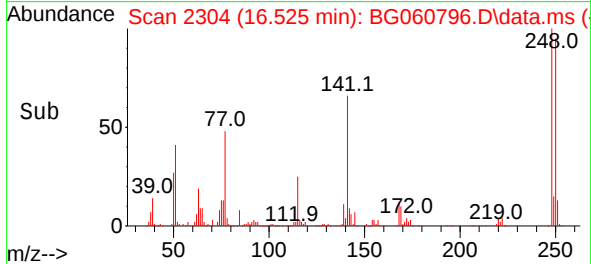
Instrument :
BNA_G
ClientSampleId :
TP1MSD



Tgt Ion:248 Resp: 216928
Ion Ratio Lower Upper
248 100
250 95.3 78.3 117.5
141 66.2 53.7 80.5

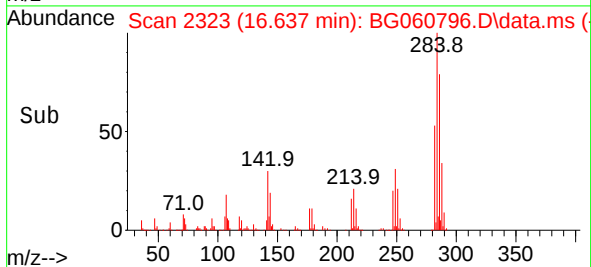
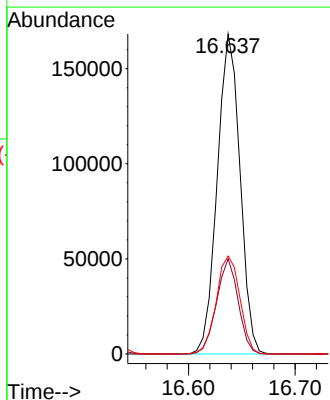
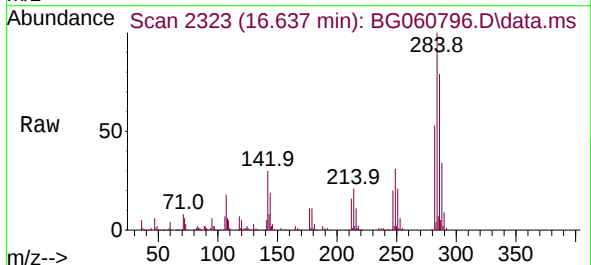
Manual Integrations
APPROVED

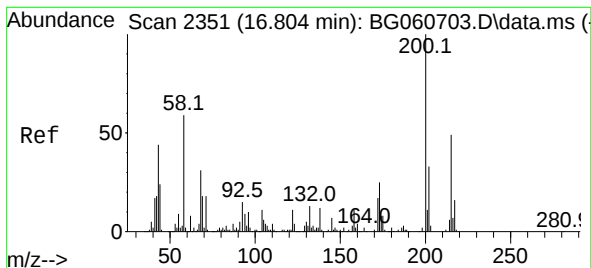
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#68
Hexachlorobenzene
Concen: 46.324 ng
RT: 16.637 min Scan# 2323
Delta R.T. -0.008 min
Lab File: BG060796.D
Acq: 5 Apr 2024 15:01

Tgt Ion:284 Resp: 248791
Ion Ratio Lower Upper
284 100
142 29.7 22.9 34.3
249 30.6 27.1 40.7





#69

Atrazine

Concen: 44.554 ng

RT: 16.796 min Scan# 2350

Delta R.T. -0.008 min

Lab File: BG060796.D

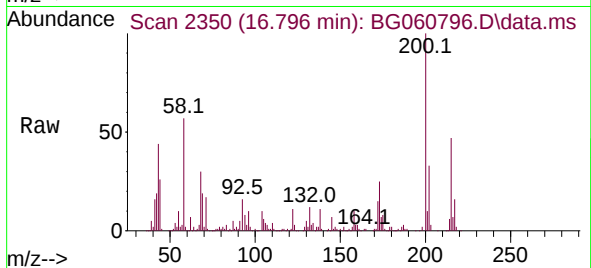
Acq: 5 Apr 2024 15:01

Instrument :

BNA_G

ClientSampleId :

TP1MSD



Tgt Ion:200 Resp: 208710

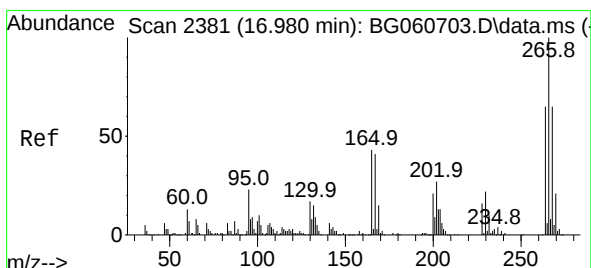
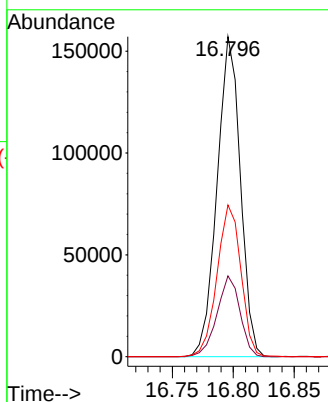
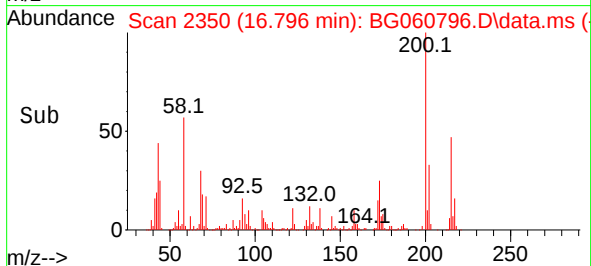
Ion	Ratio	Lower	Upper
200	100		
173	25.2	5.2	45.2
215	47.4	28.8	68.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/08/2024

Supervised By :mohammad ahmed 04/08/2024



#70

Pentachlorophenol

Concen: 97.337 ng

RT: 16.978 min Scan# 2381

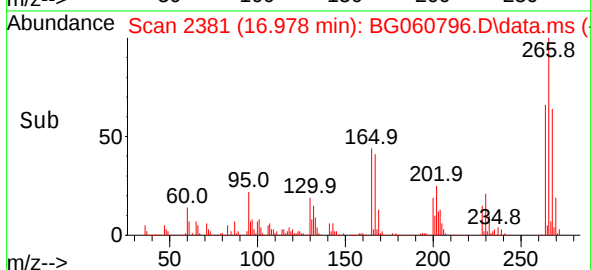
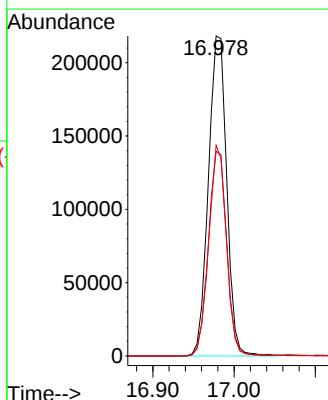
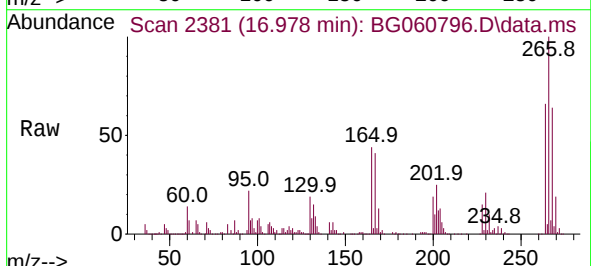
Delta R.T. -0.002 min

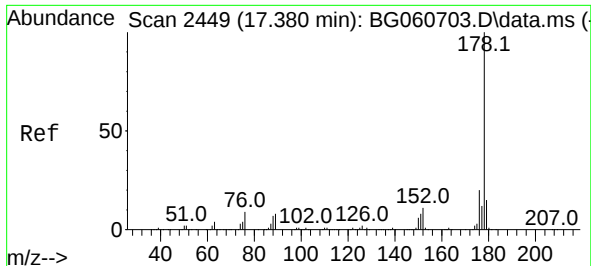
Lab File: BG060796.D

Acq: 5 Apr 2024 15:01

Tgt Ion:266 Resp: 341104

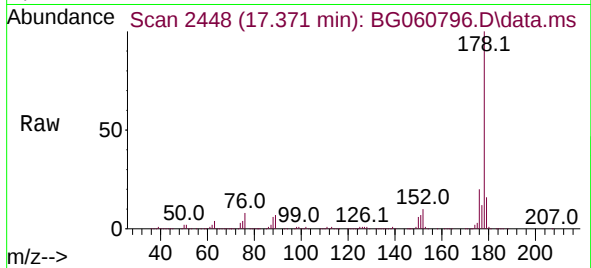
Ion	Ratio	Lower	Upper
266	100		
268	64.0	52.2	78.4
264	65.8	51.8	77.6





#71
Phenanthrene
Concen: 41.186 ng
RT: 17.371 min Scan# 2449
Delta R.T. -0.008 min
Lab File: BG060796.D
Acq: 5 Apr 2024 15:01

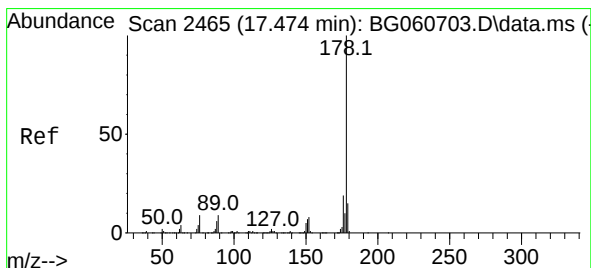
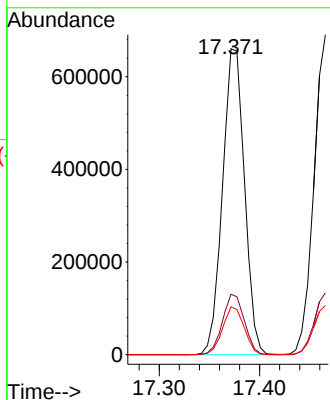
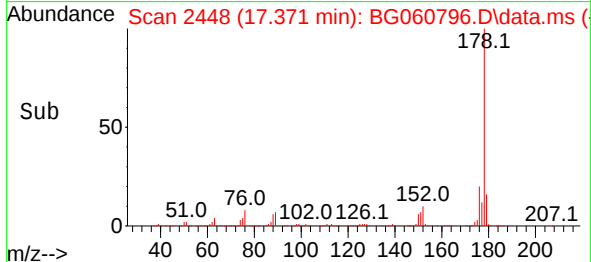
Instrument :
BNA_G
ClientSampleId :
TP1MSD



Tgt Ion:178 Resp: 100413
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.6
179 15.6 12.2 18.4

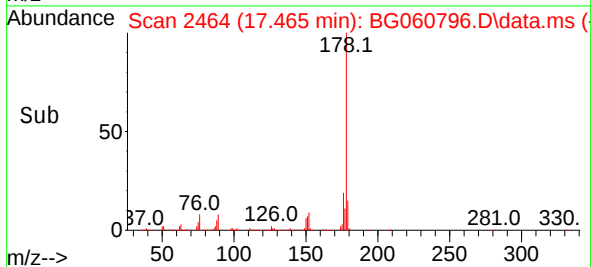
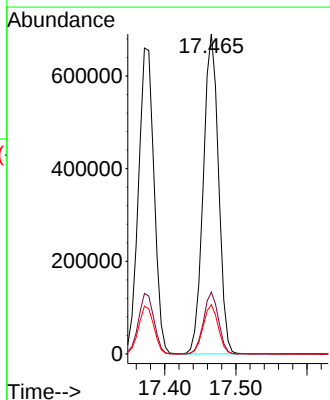
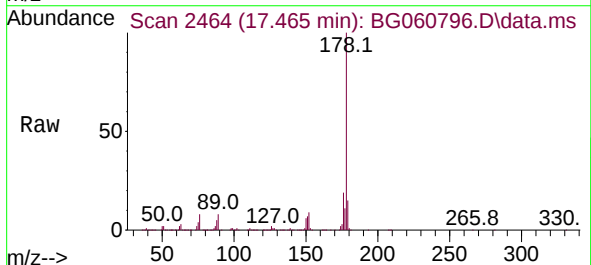
Manual Integrations
APPROVED

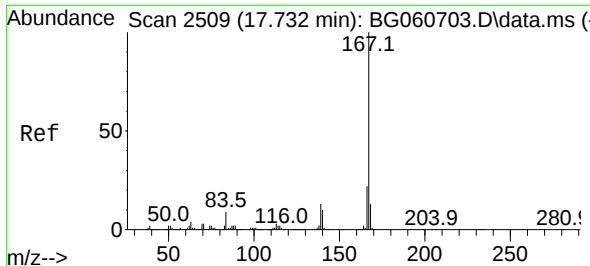
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024



#72
Anthracene
Concen: 41.522 ng
RT: 17.465 min Scan# 2464
Delta R.T. -0.008 min
Lab File: BG060796.D
Acq: 5 Apr 2024 15:01

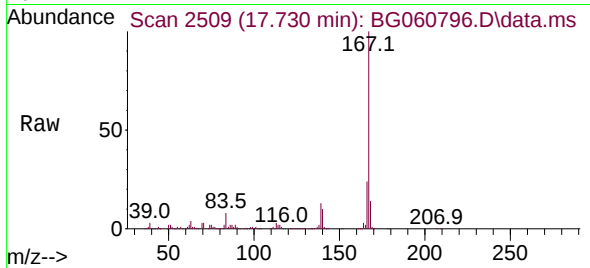
Tgt Ion:178 Resp: 1028074
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 15.4 12.2 18.2





#73
 Carbazole
 Concen: 41.339 ng
 RT: 17.730 min Scan# 2509
 Delta R.T. -0.002 min
 Lab File: BG060796.D
 Acq: 5 Apr 2024 15:01

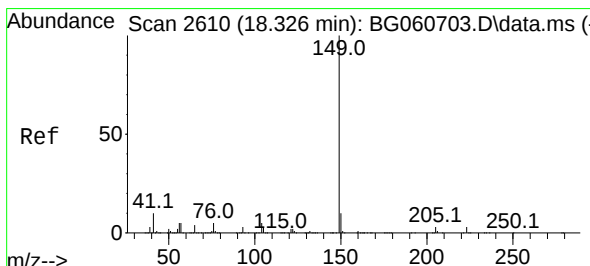
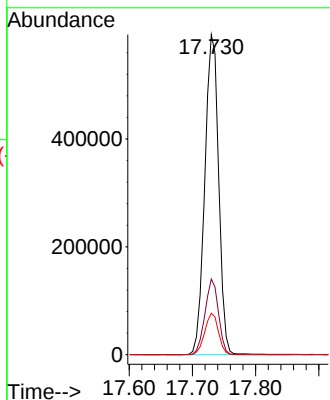
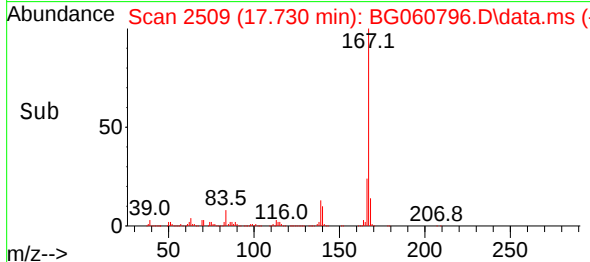
Instrument :
 BNA_G
 ClientSampleId :
 TP1MSD



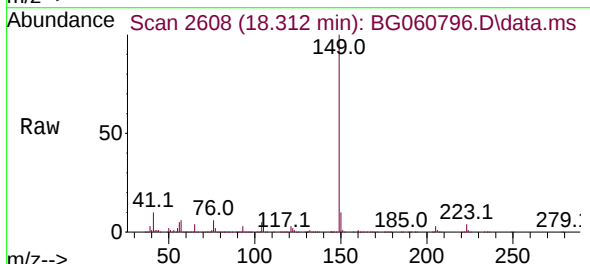
Tgt Ion:167 Resp: 902452
 Ion Ratio Lower Upper
 167 100
 166 23.7 18.0 27.0
 139 13.0 10.5 15.7

Manual Integrations
 APPROVED

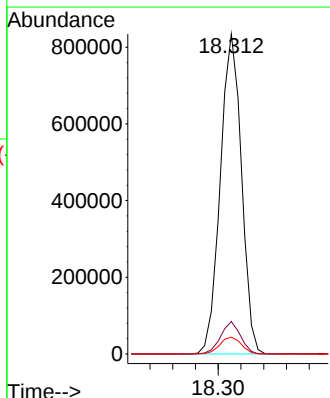
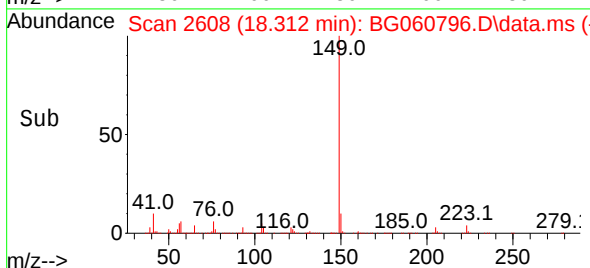
Reviewed By :Yogesh Patel 04/08/2024
 Supervised By :mohammad ahmed 04/08/2024

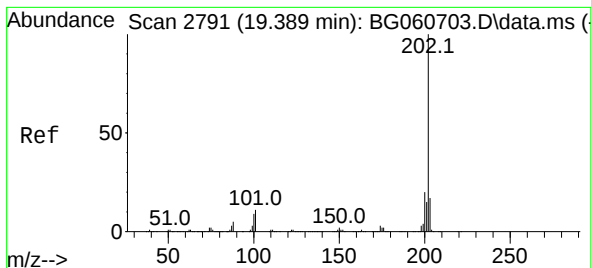


#74
 Di-n-butylphthalate
 Concen: 39.671 ng
 RT: 18.312 min Scan# 2608
 Delta R.T. -0.014 min
 Lab File: BG060796.D
 Acq: 5 Apr 2024 15:01



Tgt Ion:149 Resp: 1079707
 Ion Ratio Lower Upper
 149 100
 150 10.2 7.7 11.5
 104 5.3 4.2 6.4





#75

Fluoranthene

Concen: 40.824 ng

RT: 19.387 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG060796.D

Acq: 5 Apr 2024 15:01

Instrument :

BNA_G

ClientSampleId :

TP1MSD

Tgt Ion:202 Resp: 1207738

Ion Ratio Lower Upper

202 100

101 8.9 0.0 30.8

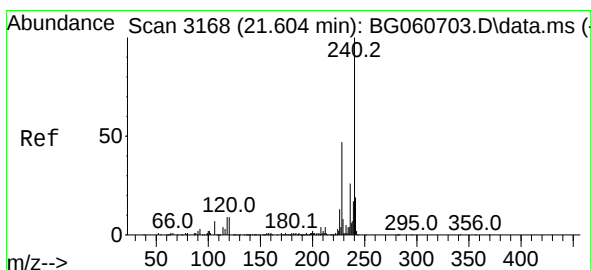
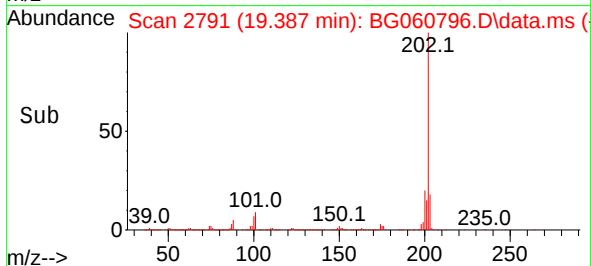
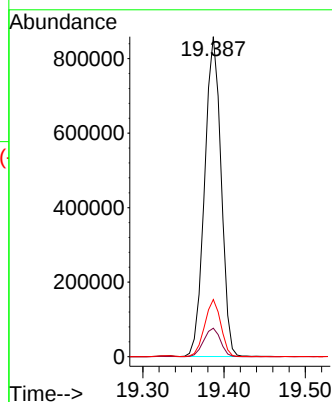
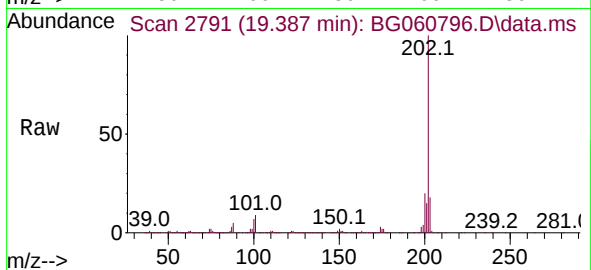
203 17.9 0.0 37.4

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: 21.596 min Scan# 3167

Delta R.T. -0.008 min

Lab File: BG060796.D

Acq: 5 Apr 2024 15:01

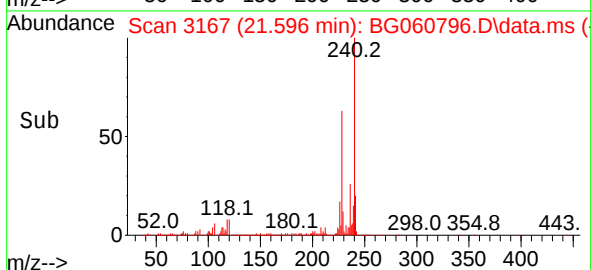
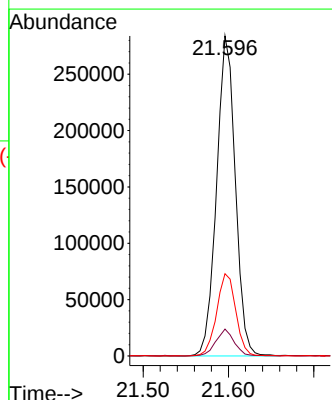
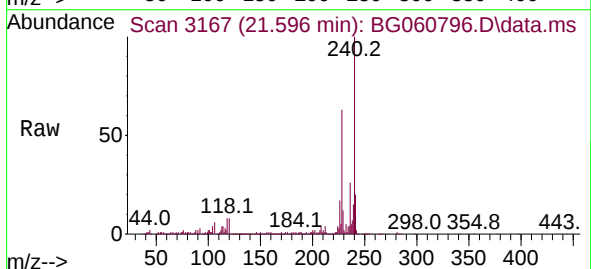
Tgt Ion:240 Resp: 434277

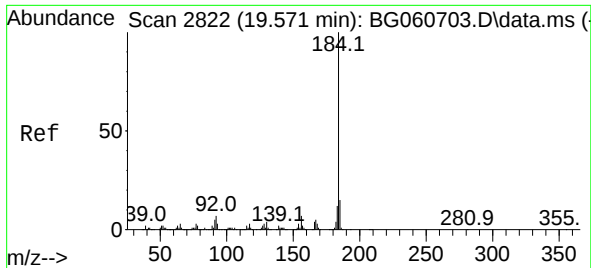
Ion Ratio Lower Upper

240 100

120 8.4 7.1 10.7

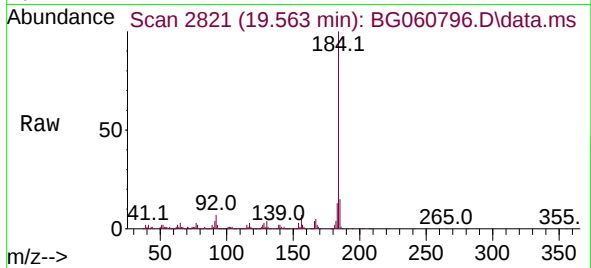
236 25.7 20.7 31.1





#77
Benzidine
Concen: 40.447 ng
RT: 19.563 min Scan# 2821
Delta R.T. -0.008 min
Lab File: BG060796.D
Acq: 5 Apr 2024 15:01

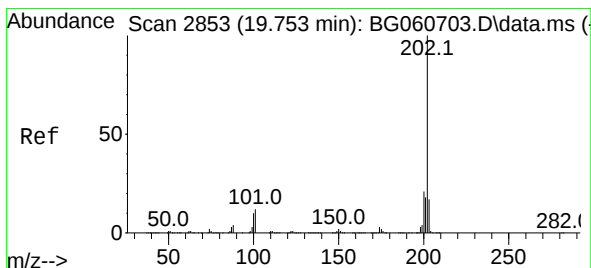
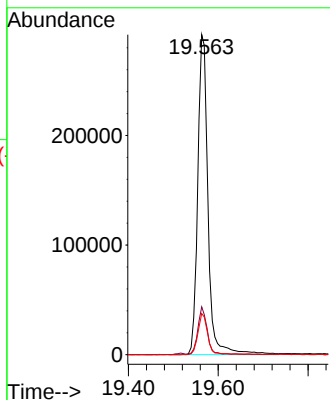
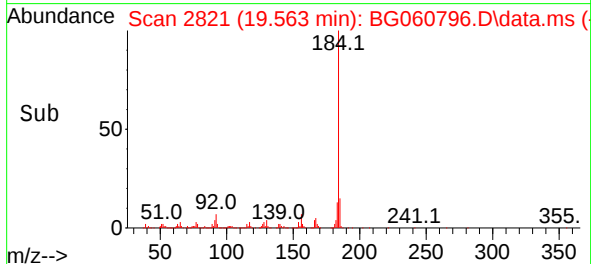
Instrument :
BNA_G
ClientSampleId :
TP1MSD



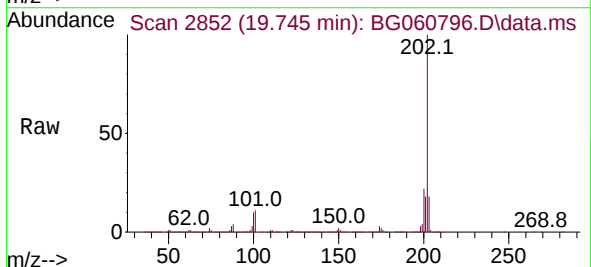
Tgt Ion:184 Resp: 462520
Ion Ratio Lower Upper
184 100
185 14.9 11.8 17.6
183 12.9 9.5 14.3

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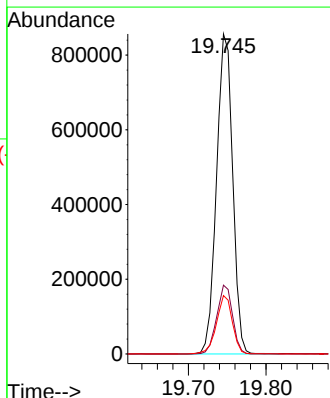
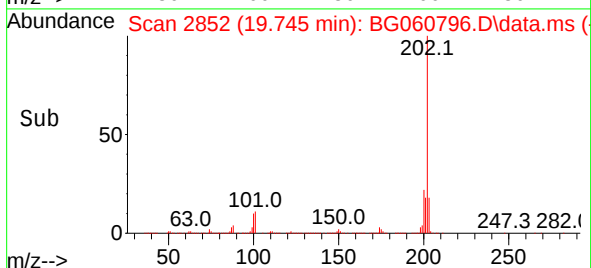
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024

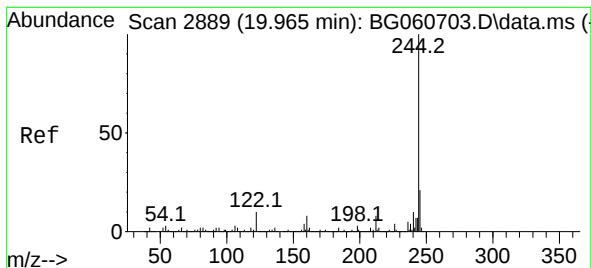


#78
Pyrene
Concen: 40.816 ng
RT: 19.745 min Scan# 2852
Delta R.T. -0.008 min
Lab File: BG060796.D
Acq: 5 Apr 2024 15:01



Tgt Ion:202 Resp: 1239668
Ion Ratio Lower Upper
202 100
200 21.5 17.0 25.4
203 18.2 14.0 21.0





#79

Terphenyl-d14

Concen: 52.936 ng

RT: 19.957 min Scan# 2888

Delta R.T. -0.008 min

Lab File: BG060796.D

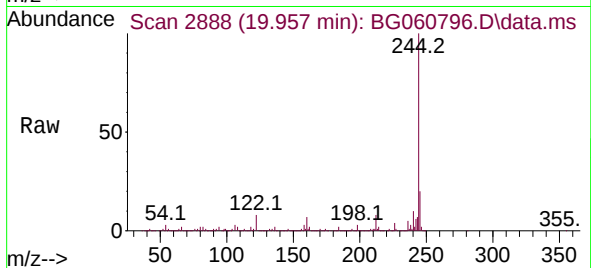
Acq: 5 Apr 2024 15:01

Instrument :

BNA_G

ClientSampleId :

TP1MSD



Tgt Ion:244 Resp: 130557

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

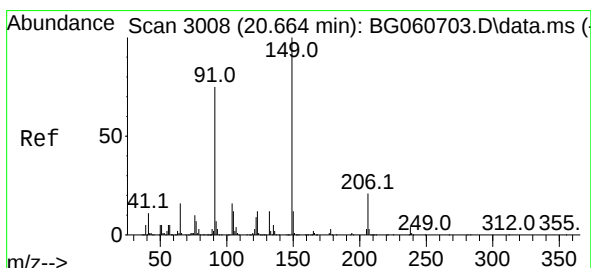
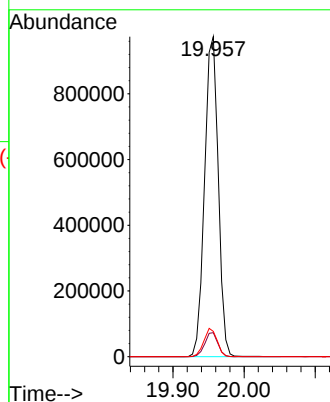
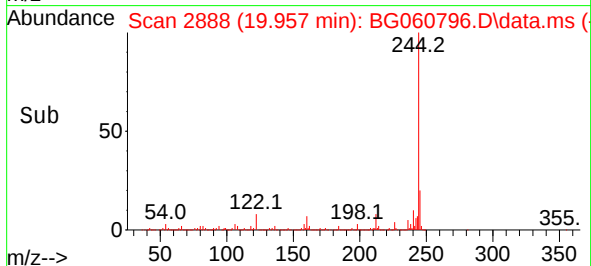
122 7.9 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/08/2024

Supervised By :mohammad ahmed 04/08/2024



#80

Butylbenzylphthalate

Concen: 43.871 ng

RT: 20.656 min Scan# 3007

Delta R.T. -0.008 min

Lab File: BG060796.D

Acq: 5 Apr 2024 15:01

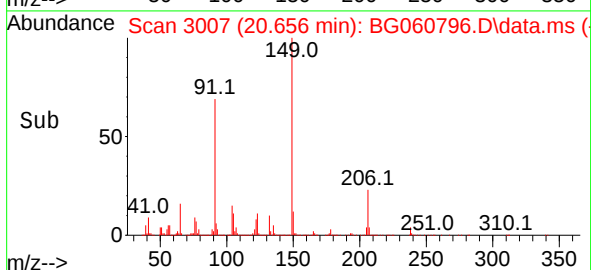
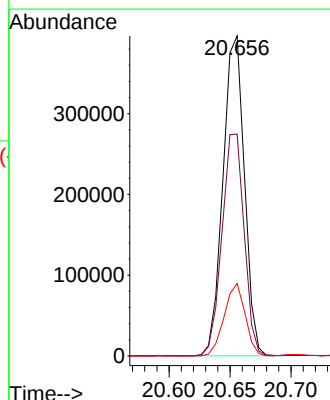
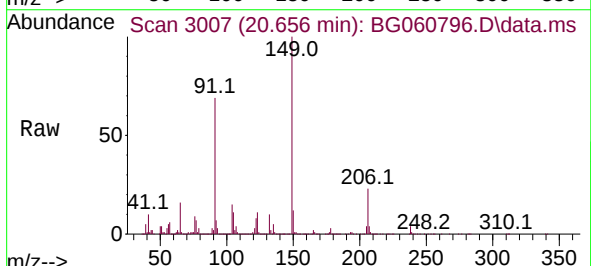
Tgt Ion:149 Resp: 486070

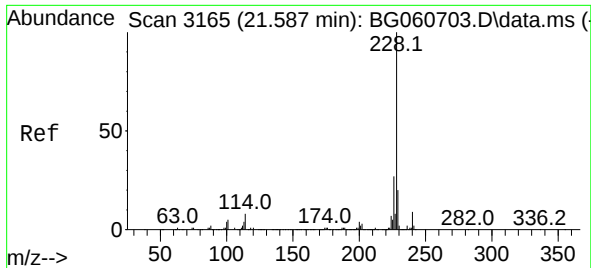
Ion Ratio Lower Upper

149 100

91 69.3 60.1 90.1

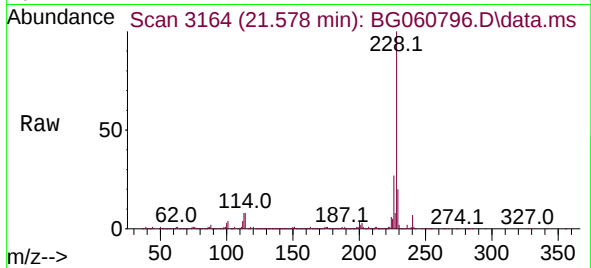
206 22.7 16.8 25.2





#81
Benzo(a)anthracene
Concen: 42.002 ng
RT: 21.578 min Scan# 3165
Delta R.T. -0.008 min
Lab File: BG060796.D
Acq: 5 Apr 2024 15:01

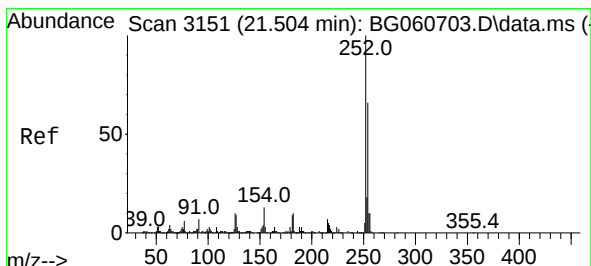
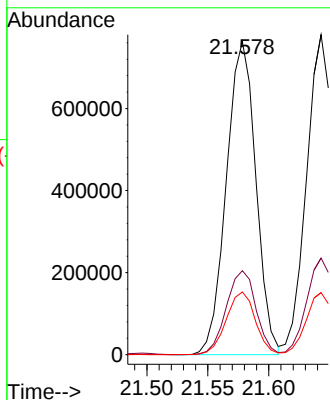
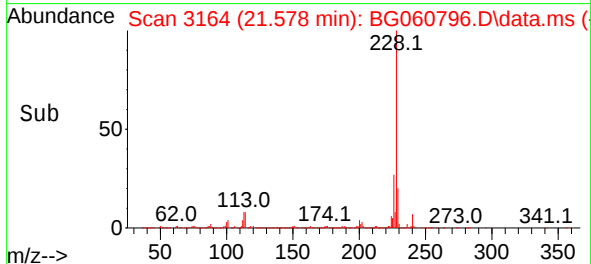
Instrument :
BNA_G
ClientSampleId :
TP1MSD



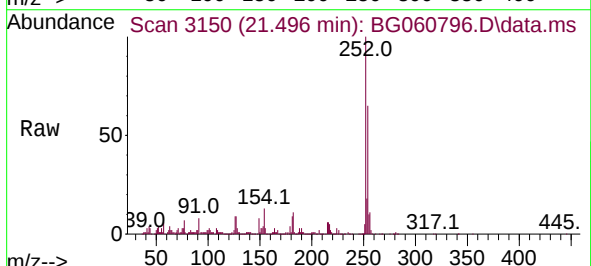
Tgt Ion:228 Resp: 128576
Ion Ratio Lower Upper
228 100
226 26.8 21.7 32.5
229 20.0 15.8 23.8

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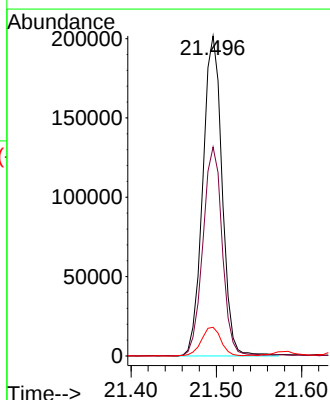
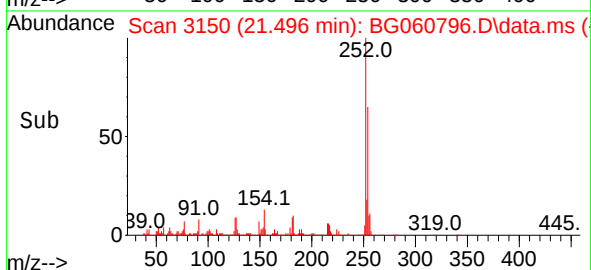
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024

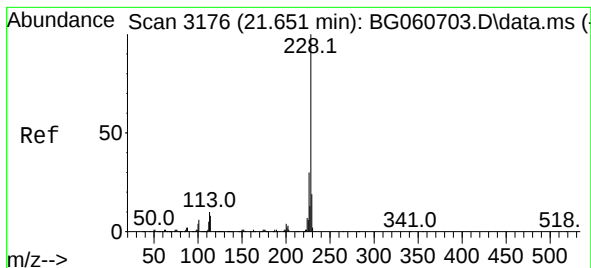


#82
3,3'-Dichlorobenzidine
Concen: 30.697 ng
RT: 21.496 min Scan# 3150
Delta R.T. -0.008 min
Lab File: BG060796.D
Acq: 5 Apr 2024 15:01



Tgt Ion:252 Resp: 317294
Ion Ratio Lower Upper
252 100
254 65.3 52.6 78.8
126 9.0 7.8 11.8





#83

Chrysene

Concen: 41.533 ng

RT: 21.643 min Scan# 3175

Delta R.T. -0.008 min

Lab File: BG060796.D

Acq: 5 Apr 2024 15:01

Instrument :

BNA_G

ClientSampleId :

TP1MSD

Tgt Ion:228 Resp: 122544

Ion Ratio Lower Upper

228 100

226 30.2 24.2 36.4

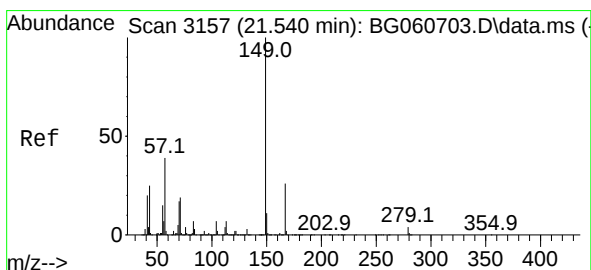
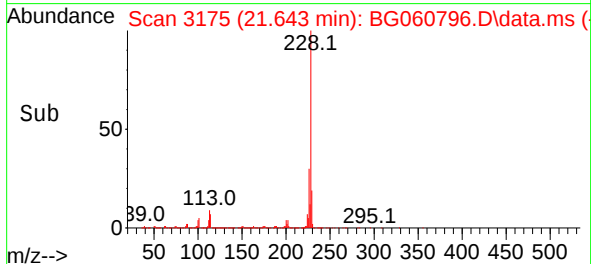
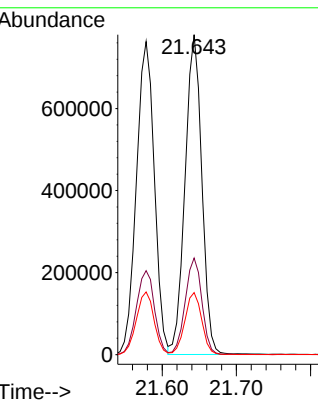
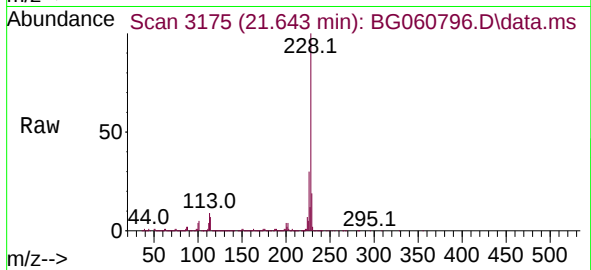
229 19.4 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/08/2024

Supervised By :mohammad ahmed 04/08/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.633 ng

RT: 21.520 min Scan# 3154

Delta R.T. -0.020 min

Lab File: BG060796.D

Acq: 5 Apr 2024 15:01

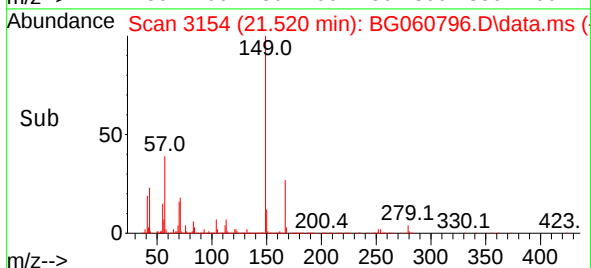
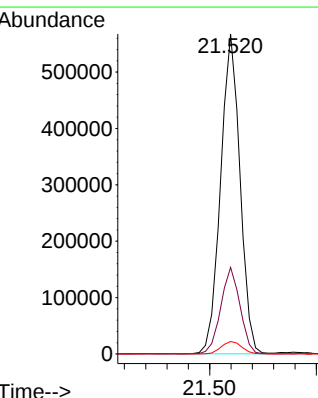
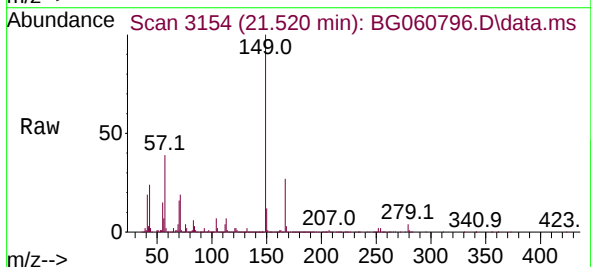
Tgt Ion:149 Resp: 717549

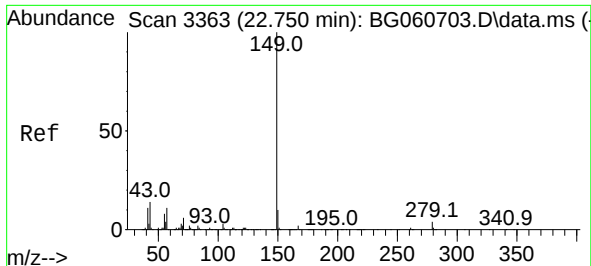
Ion Ratio Lower Upper

149 100

167 27.1 20.6 30.8

279 3.9 3.0 4.4





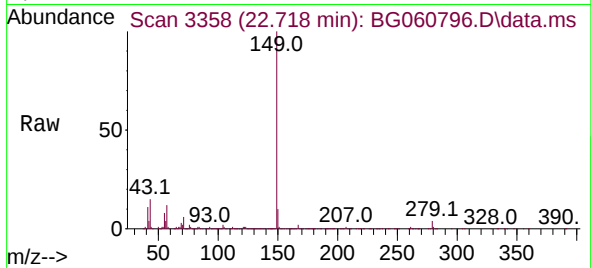
#85
Di-n-octyl phthalate
Concen: 43.787 ng
RT: 22.718 min Scan# 301
Delta R.T. -0.032 min
Lab File: BG060796.D
Acq: 5 Apr 2024 15:01

Instrument :

BNA_G

ClientSampleId :

TP1MSD

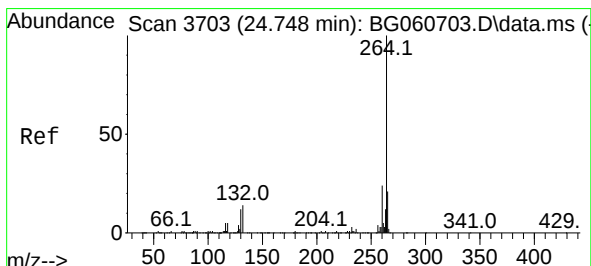
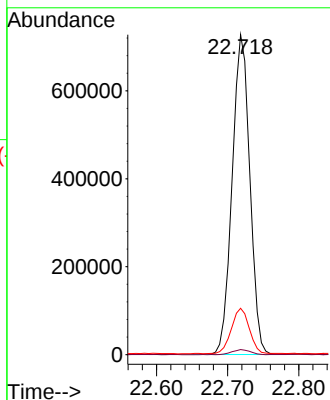
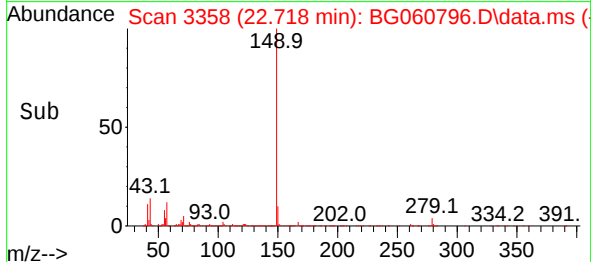


Tgt Ion:149 Resp: 125970
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 14.3 11.3 16.9

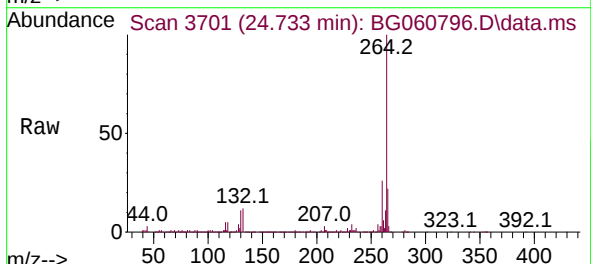
Manual Integrations

APPROVED

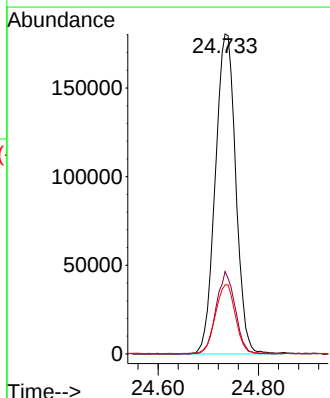
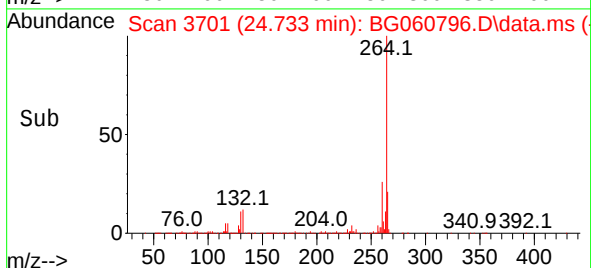
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024

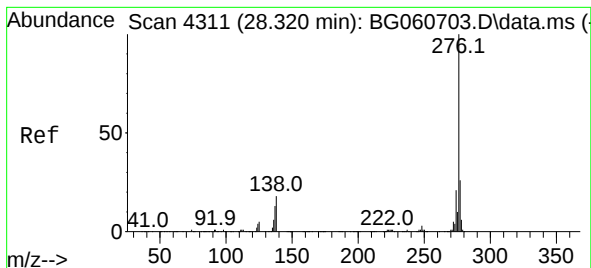


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.733 min Scan# 3701
Delta R.T. -0.014 min
Lab File: BG060796.D
Acq: 5 Apr 2024 15:01



Tgt Ion:264 Resp: 510078
Ion Ratio Lower Upper
264 100
260 25.7 19.5 29.3
265 21.6 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.746 ng

RT: 28.306 min Scan# 4311

Delta R.T. -0.014 min

Lab File: BG060796.D

Acq: 5 Apr 2024 15:01

Instrument :

BNA_G

ClientSampleId :

TP1MSD

Tgt Ion:276 Resp: 160727

Ion Ratio Lower Upper

276 100

138 11.8 12.4 18.6

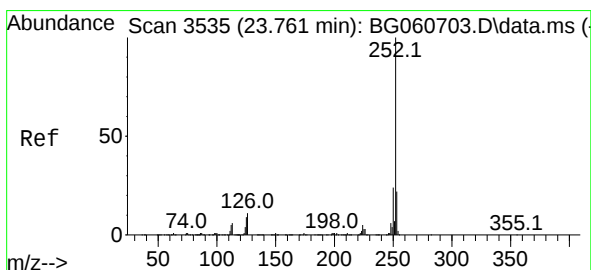
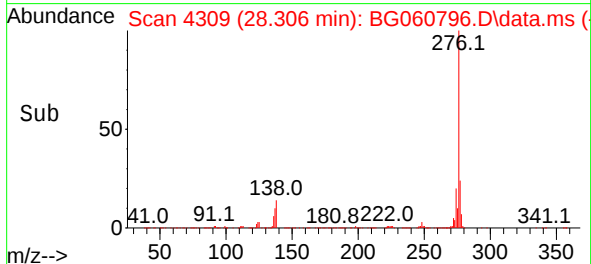
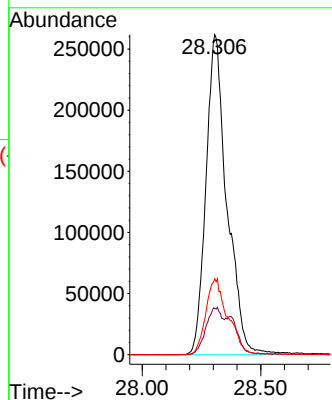
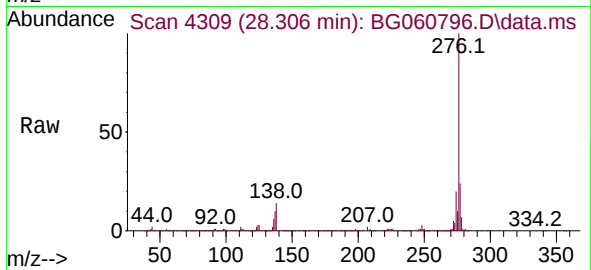
277 25.0 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/08/2024

Supervised By :mohammad ahmed 04/08/2024



#88

Benzo(b)fluoranthene

Concen: 44.130 ng

RT: 23.746 min Scan# 3533

Delta R.T. -0.014 min

Lab File: BG060796.D

Acq: 5 Apr 2024 15:01

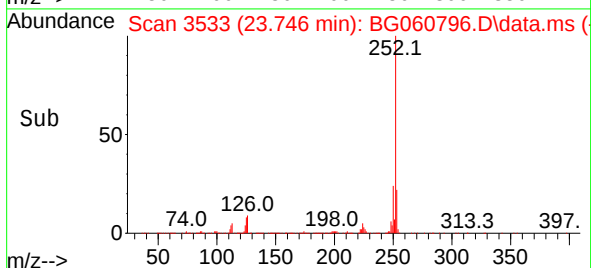
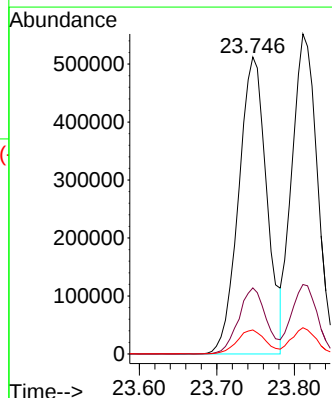
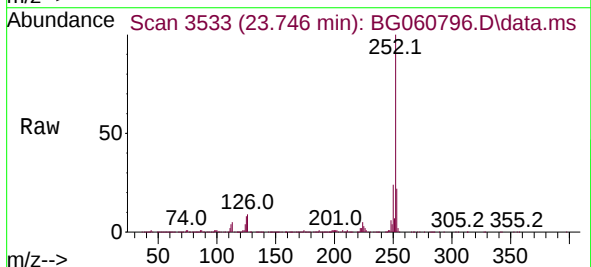
Tgt Ion:252 Resp: 1293177

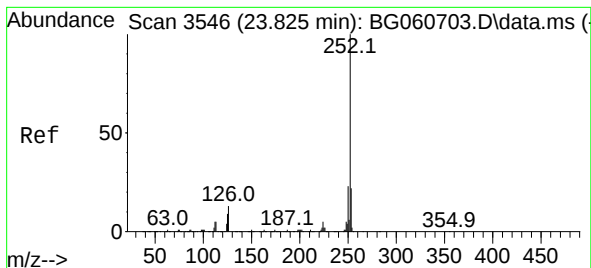
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 8.1 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 41.529 ng

RT: 23.811 min Scan# 3546

Delta R.T. -0.014 min

Lab File: BG060796.D

Acq: 5 Apr 2024 15:01

Instrument :

BNA_G

ClientSampleId :

TP1MSD

Tgt Ion:252 Resp: 1245614

Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

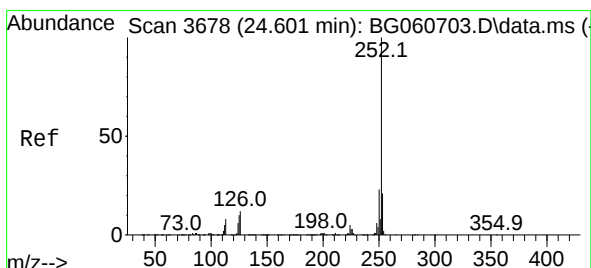
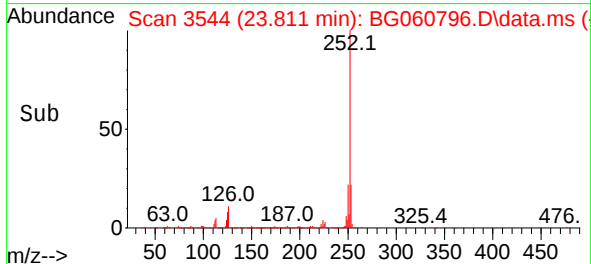
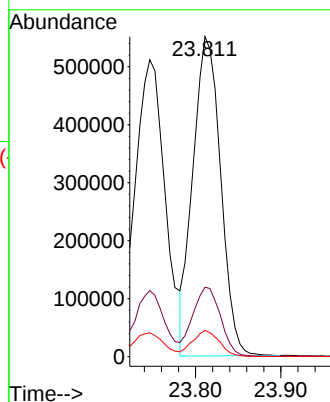
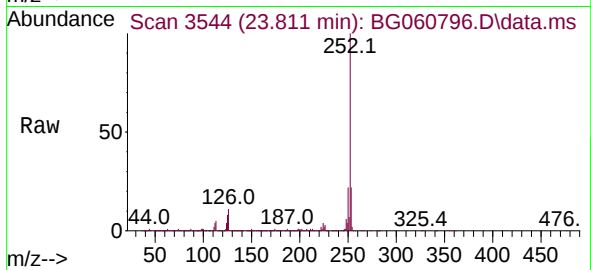
125 8.2 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/08/2024

Supervised By :mohammad ahmed 04/08/2024



#90

Benzo(a)pyrene

Concen: 42.072 ng

RT: 24.592 min Scan# 3677

Delta R.T. -0.008 min

Lab File: BG060796.D

Acq: 5 Apr 2024 15:01

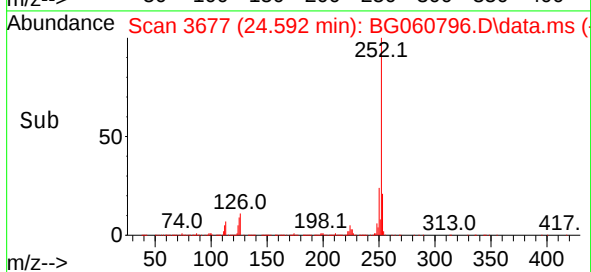
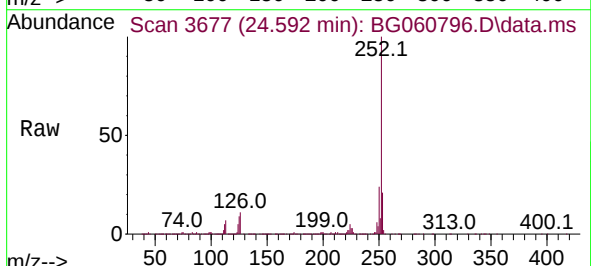
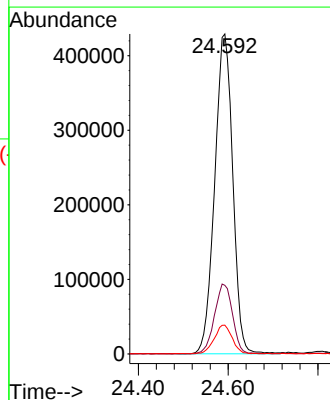
Tgt Ion:252 Resp: 1198118

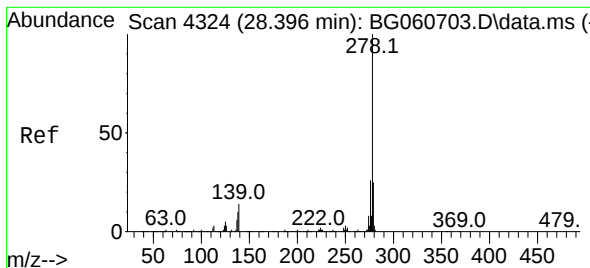
Ion Ratio Lower Upper

252 100

253 21.5 16.8 25.2

125 9.0 7.6 11.4





#91

Dibenzo(a,h)anthracene

Concen: 42.748 ng

RT: 28.382 min Scan# 44

Delta R.T. -0.014 min

Lab File: BG060796.D

Acq: 5 Apr 2024 15:01

Instrument :

BNA_G

ClientSampleId :

TP1MSD

Tgt Ion:278 Resp: 129438

Ion Ratio Lower Upper

278 100

139 12.5 11.1 16.7

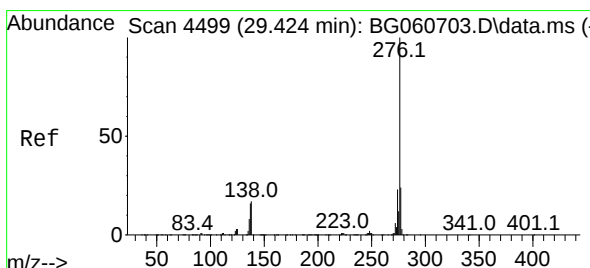
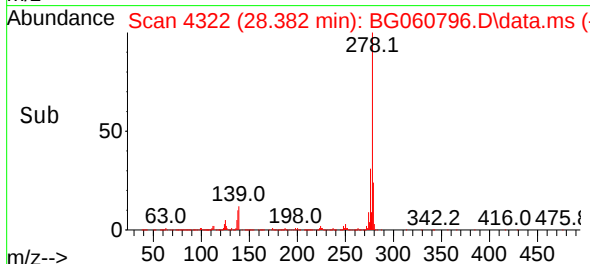
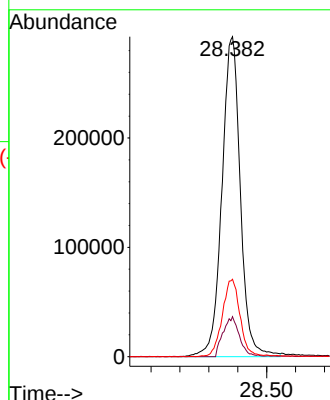
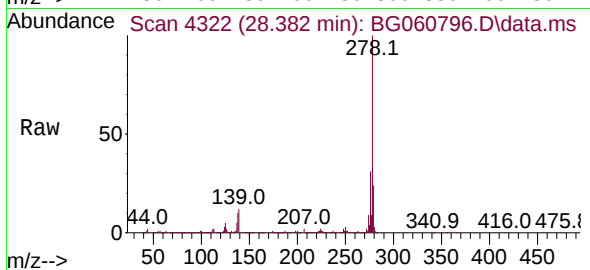
279 24.2 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/08/2024

Supervised By :mohammad ahmed 04/08/2024



#92

Benzo(g,h,i)perylene

Concen: 41.327 ng

RT: 29.416 min Scan# 4498

Delta R.T. -0.008 min

Lab File: BG060796.D

Acq: 5 Apr 2024 15:01

Tgt Ion:276 Resp: 1217278

Ion Ratio Lower Upper

276 100

277 24.0 18.9 28.3

138 17.1 14.0 21.0

