

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062123\
 Data File : BG057794.D
 Acq On : 21 Jun 2023 21:30
 Operator : CG/JU
 Sample : 03074-07MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

GP-01MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/27/2023

Quant Time: Jun 22 04:53:32 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Jun 20 03:40:38 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.923	152	34116	20.000	ng	0.00
21) Naphthalene-d8	10.726	136	158431	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	122875	20.000	ng	0.00
64) Phenanthrene-d10	17.301	188	313189	20.000	ng	0.00
76) Chrysene-d12	21.554	240	259039	20.000	ng	0.00
86) Perylene-d12	24.710	264	328033	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.497	112	266747	120.559	ng	0.00
7) Phenol-d6	7.083	99	394780	116.935	ng	0.00
23) Nitrobenzene-d5	9.081	82	226740	73.452	ng	-0.01
42) 2,4,6-Tribromophenol	16.049	330	200782	117.304	ng	0.00
45) 2-Fluorobiphenyl	13.182	172	555393	68.557	ng	0.00
79) Terphenyl-d14	19.915	244	1030316	74.166	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	32522	32.290	ng	97
3) Pyridine	3.787	79	88508	28.853	ng	99
4) n-Nitrosodimethylamine	3.705	42	50378	35.942	ng	92
6) Aniline	7.248	93	112723	26.077	ng	98
8) 2-Chlorophenol	7.483	128	107212	47.101	ng	98
9) Benzaldehyde	7.060	77	60871m	28.675	ng	
10) Phenol	7.113	94	154572	46.501	ng	96
11) bis(2-Chloroethyl)ether	7.342	93	97592	38.186	ng	99
12) 1,3-Dichlorobenzene	7.812	146	95540	41.244	ng	94
13) 1,4-Dichlorobenzene	7.959	146	94885	40.425	ng	96
14) 1,2-Dichlorobenzene	8.276	146	95254	41.941	ng	96
15) Benzyl Alcohol	8.158	79	108633	42.082	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.446	45	175626	35.773	ng	98
17) 2-Methylphenol	8.364	107	106491	43.557	ng	94
18) Hexachloroethane	9.004	117	33453	40.420	ng	95
19) n-Nitroso-di-n-propyla...	8.728	70	89160	37.881	ng	95
20) 3+4-Methylphenols	8.687	107	148440	43.955	ng	97
22) Acetophenone	8.746	105	173389	39.027	ng	# 95
24) Nitrobenzene	9.128	77	125623	39.102	ng	92
25) Isophorone	9.645	82	266259	37.754	ng	100
26) 2-Nitrophenol	9.839	139	56085	54.872	ng	95
27) 2,4-Dimethylphenol	9.898	122	109987	43.464	ng	97
28) bis(2-Chloroethoxy)met...	10.133	93	148312	39.050	ng	100
29) 2,4-Dichlorophenol	10.368	162	112369	46.761	ng	97
30) 1,2,4-Trichlorobenzene	10.585	180	107545	40.150	ng	92
31) Naphthalene	10.779	128	328667	38.978	ng	99
32) Benzoic acid	10.027	122	97370	52.262	ng	98
33) 4-Chloroaniline	10.879	127	54451	13.937	ng	96
34) Hexachlorobutadiene	11.061	225	64071	39.207	ng	97
35) Caprolactam	11.660	113	45602m	46.765	ng	
36) 4-Chloro-3-methylphenol	12.007	107	144059	45.902	ng	99
37) 2-Methylnaphthalene	12.383	142	237204	38.594	ng	99
38) 1-Methylnaphthalene	12.606	142	226287	39.002	ng	98
40) 1,2,4,5-Tetrachloroben...	12.747	216	128812	37.814	ng	97
41) Hexachlorocyclopentadiene	12.729	237	165542	91.536	ng	97
43) 2,4,6-Trichlorophenol	12.988	196	105408	43.216	ng	98

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Supervised By :mohammad ahmed 06/27/2023

Quant Time: Jun 22 04:53:32 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Jun 20 03:40:38 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.059	196	117751	41.416	ng	96
46) 1,1'-Biphenyl	13.393	154	324166	38.422	ng	97
47) 2-Chloronaphthalene	13.435	162	257412	39.714	ng	99
48) 2-Nitroaniline	13.634	65	105150	45.650	ng	97
49) Acenaphthylene	14.281	152	432779	38.900	ng	99
50) Dimethylphthalate	14.016	163	366150	38.797	ng	99
51) 2,6-Dinitrotoluene	14.134	165	79442	45.712	ng	90
52) Acenaphthene	14.621	154	307086m	44.586	ng	
53) 3-Nitroaniline	14.463	138	45731	23.350	ng	85
54) 2,4-Dinitrophenol	14.668	184	98158	104.369	ng	94
55) Dibenzofuran	14.956	168	428768	38.717	ng	100
56) 4-Nitrophenol	14.768	139	149904	96.310	ng	97
57) 2,4-Dinitrotoluene	14.915	165	114929	48.766	ng	97
58) Fluorene	15.603	166	345378	39.398	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.180	232	109220	45.077	ng	99
60) Diethylphthalate	15.379	149	383993	39.660	ng	98
61) 4-Chlorophenyl-phenylether	15.597	204	184741	39.634	ng	96
62) 4-Nitroaniline	15.626	138	85705	42.925	ng	99
63) Azobenzene	15.890	77	401097	40.499	ng	99
65) 4,6-Dinitro-2-methylph...	15.679	198	68648	47.745	ng	96
66) n-Nitrosodiphenylamine	15.814	169	311003	37.624	ng	97
67) 4-Bromophenyl-phenylether	16.490	248	127080	38.260	ng	94
68) Hexachlorobenzene	16.607	284	138497	40.902	ng	98
69) Atrazine	16.760	200	132130	46.566	ng	97
70) Pentachlorophenol	16.948	266	188360	75.299	ng	98
71) Phenanthrene	17.342	178	576204	37.998	ng	99
72) Anthracene	17.436	178	593500	38.329	ng	99
73) Carbazole	17.706	167	559424	39.183	ng	100
74) Di-n-butylphthalate	18.264	149	663362	39.241	ng	100
75) Fluoranthene	19.357	202	684040	37.866	ng	100
77) Benzidine	19.533	184	224975	37.050	ng	99
78) Pyrene	19.715	202	710211	38.434	ng	99
80) Butylbenzylphthalate	20.608	149	297442	42.314	ng	95
81) Benzo(a)anthracene	21.537	228	701335	39.462	ng	98
82) 3,3'-Dichlorobenzidine	21.455	252	151070	24.992	ng	97
83) Chrysene	21.601	228	644876	37.809	ng	98
84) Bis(2-ethylhexyl)phtha...	21.449	149	419009	41.056	ng	100
85) Di-n-octyl phthalate	22.641	149	753334	42.084	ng	97
87) Indeno(1,2,3-cd)pyrene	28.299	276	856370	39.929	ng	99
88) Benzo(b)fluoranthene	23.705	252	736700	40.983	ng	98
89) Benzo(k)fluoranthene	23.775	252	709393	38.748	ng	99
90) Benzo(a)pyrene	24.557	252	652524	36.962	ng	98
91) Dibenzo(a,h)anthracene	28.364	278	712512	40.040	ng	99
92) Benzo(g,h,i)perylene	29.422	276	704226	39.523	ng	98

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

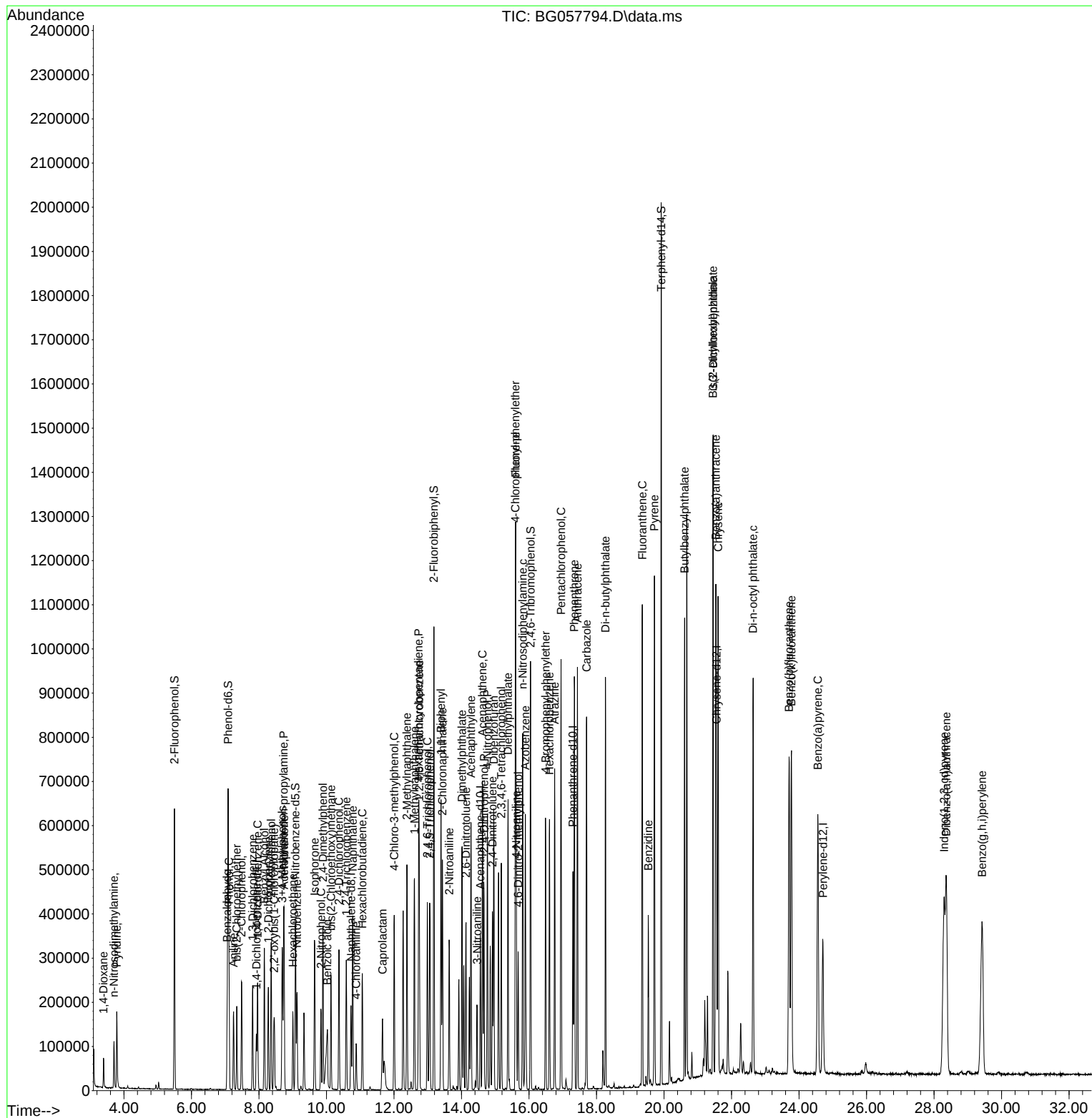
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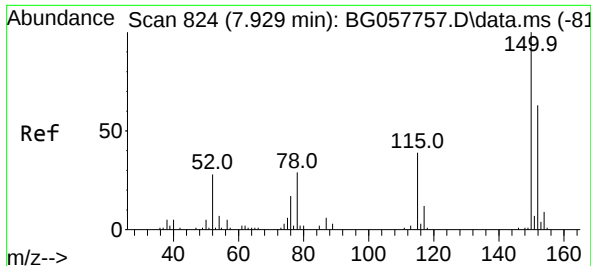
Instrument :
BNA_G
ClientSampleId :
GP-01MSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023

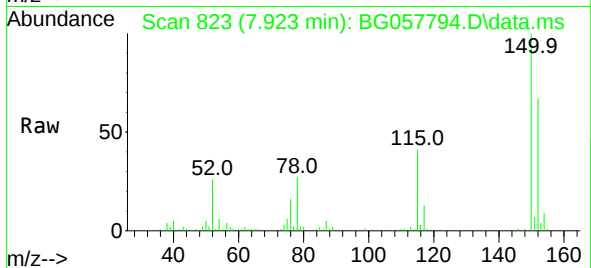
Quant Time: Jun 22 04:53:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 03:40:38 2023
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.923 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG057794.D
Acq: 21 Jun 2023 21:30

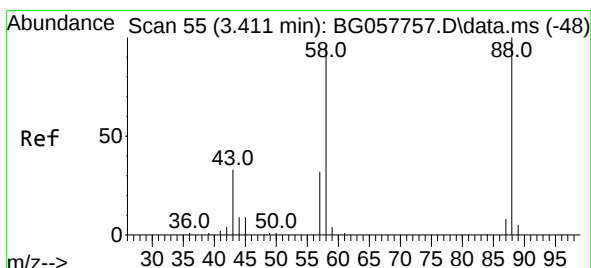
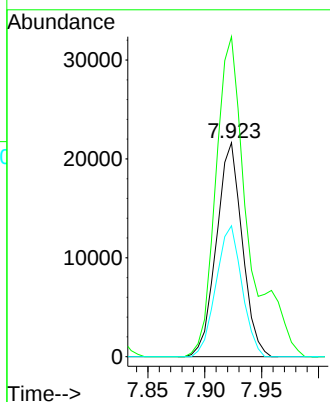
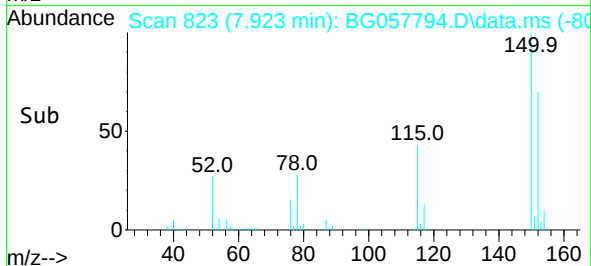
Instrument :
BNA_G
ClientSampleId :
GP-01MSD



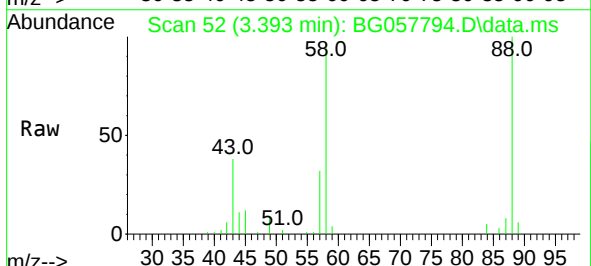
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Ion Ratio Lower Upper
152 100
150 149.5 126.6 189.8
115 61.2 48.9 73.3

Manual Integrations
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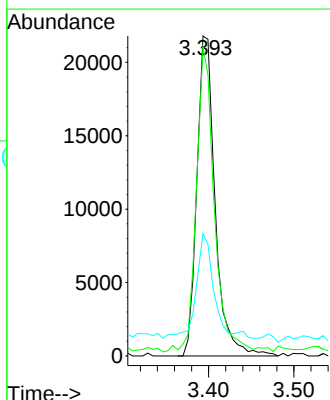
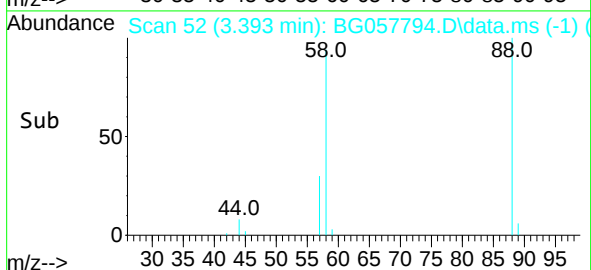
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023

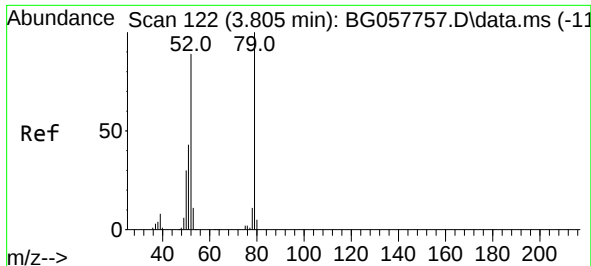


#2
1,4-Dioxane
Concen: 32.290 ng
RT: 3.393 min Scan# 52
Delta R.T. -0.018 min
Lab File: BG057794.D
Acq: 21 Jun 2023 21:30



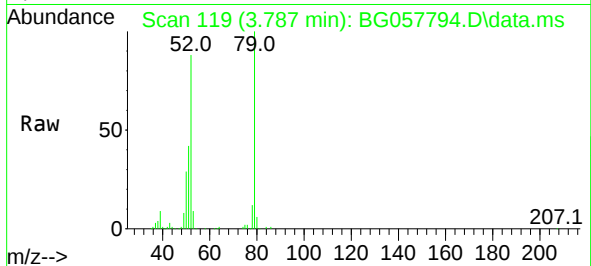
Tgt Ion: 88 Resp: 32522
Ion Ratio Lower Upper
88 100
58 92.7 76.2 114.4
43 30.5 26.3 39.5





#3
Pyridine
Concen: 28.853 ng
RT: 3.787 min Scan# 119
Delta R.T. -0.018 min
Lab File: BG057794.D
Acq: 21 Jun 2023 21:30

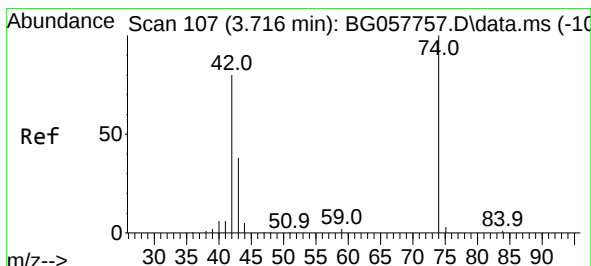
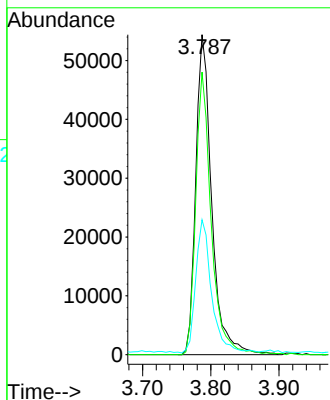
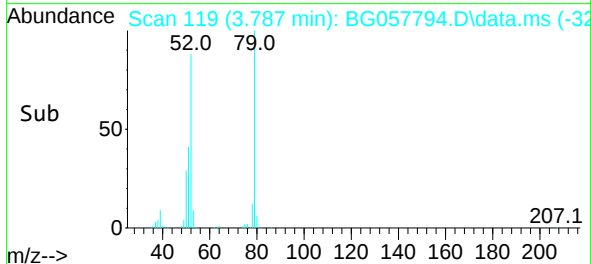
Instrument :
BNA_G
ClientSampleId :
GP-01MSD



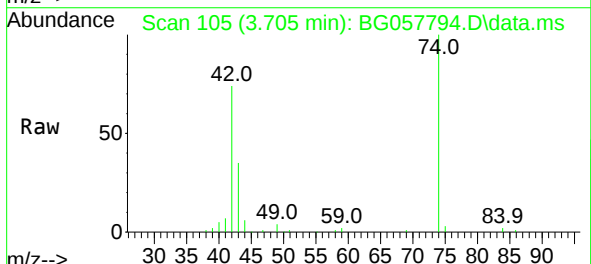
Tgt Ion: 79 Resp: 88508
Ion Ratio Lower Upper
79 100
52 88.3 71.4 107.0
51 42.2 34.9 52.3

Manual Integrations
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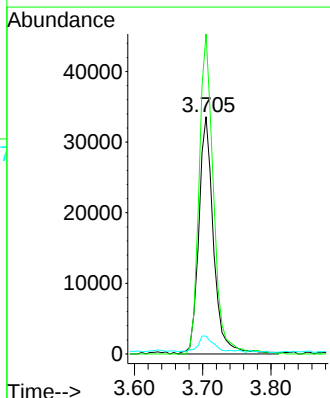
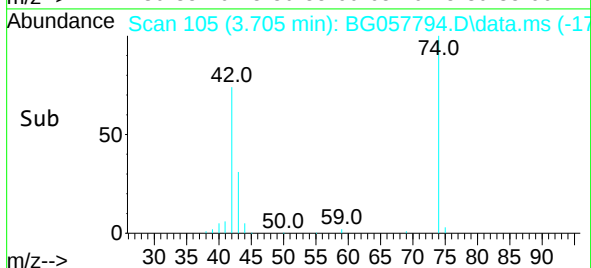
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023

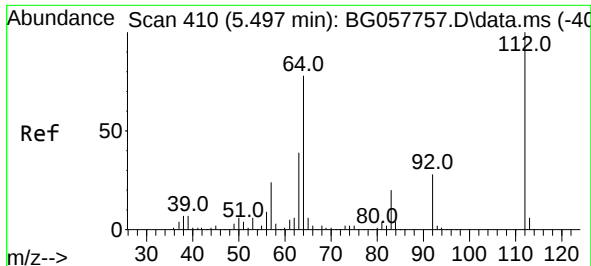


#4
n-Nitrosodimethylamine
Concen: 35.942 ng
RT: 3.705 min Scan# 105
Delta R.T. -0.011 min
Lab File: BG057794.D
Acq: 21 Jun 2023 21:30



Tgt Ion: 42 Resp: 50378
Ion Ratio Lower Upper
42 100
74 134.8 99.9 149.9
44 7.5 6.0 9.0





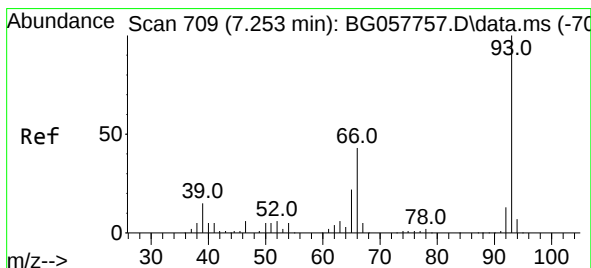
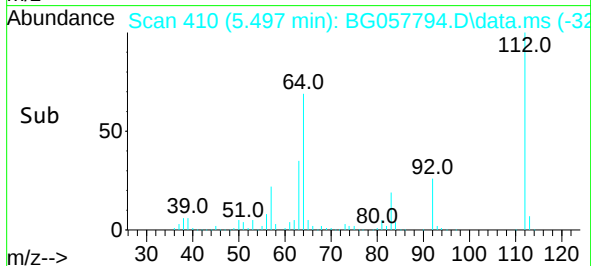
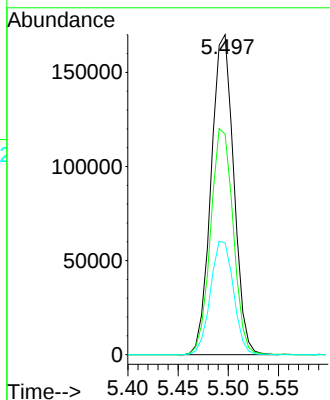
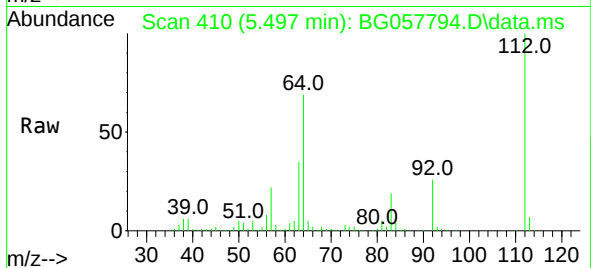
#5
2-Fluorophenol
Concen: 120.559 ng
RT: 5.497 min Scan# 410
Delta R.T. -0.000 min
Lab File: BG057794.D
Acq: 21 Jun 2023 21:30

Instrument :
BNA_G
ClientSampleId :
GP-01MSD

Tgt Ion:112 Resp: 26674
Ion Ratio Lower Upper
112 100
64 68.9 62.1 93.1
63 34.9 31.5 47.3

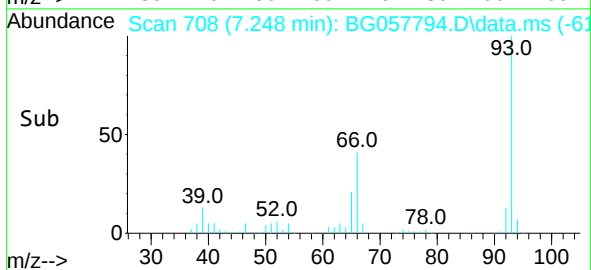
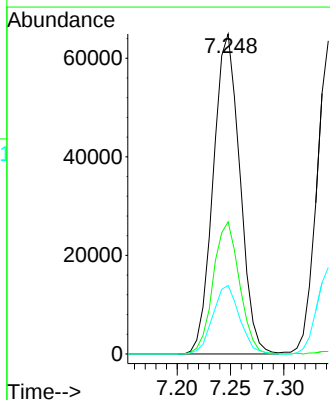
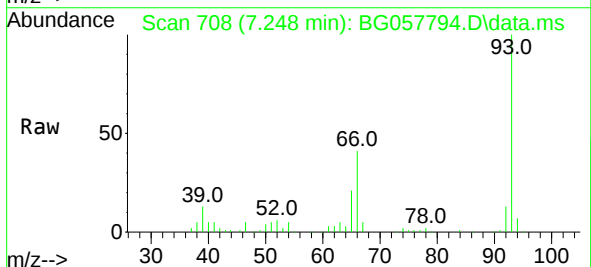
Manual Integrations
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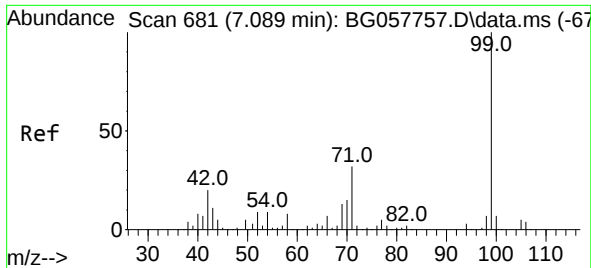
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023



#6
Aniline
Concen: 26.077 ng
RT: 7.248 min Scan# 708
Delta R.T. -0.005 min
Lab File: BG057794.D
Acq: 21 Jun 2023 21:30

Tgt Ion: 93 Resp: 112723
Ion Ratio Lower Upper
93 100
66 41.3 34.5 51.7
65 21.4 17.4 26.2





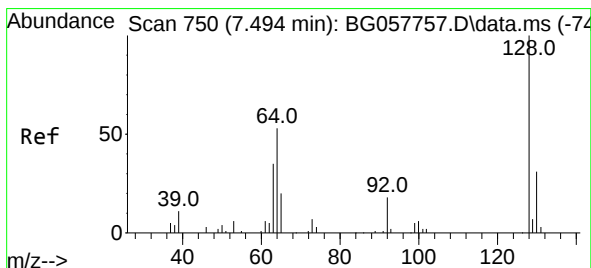
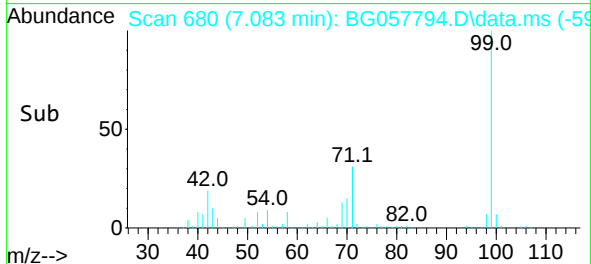
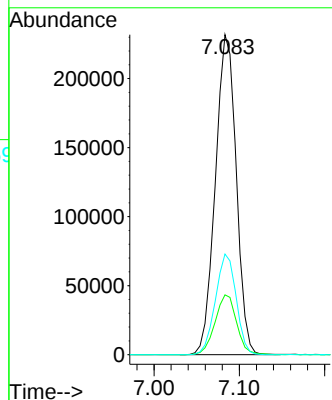
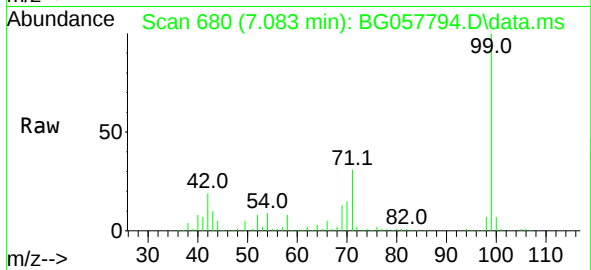
#7
Phenol-d6
Concen: 116.935 ng
RT: 7.083 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG057794.D
Acq: 21 Jun 2023 21:30

Instrument :
BNA_G
ClientSampleId :
GP-01MSD

Tgt Ion: 99 Resp: 394780
Ion Ratio Lower Upper
99 100
42 18.7 16.4 24.6
71 31.5 25.8 38.6

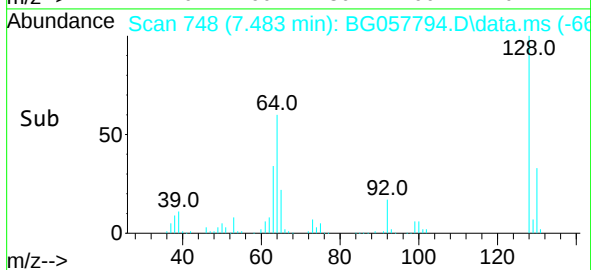
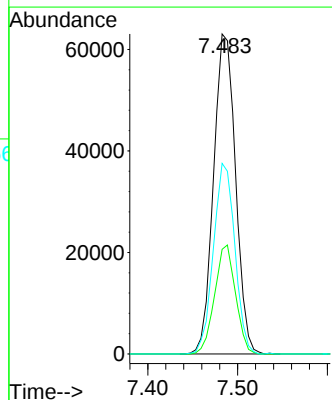
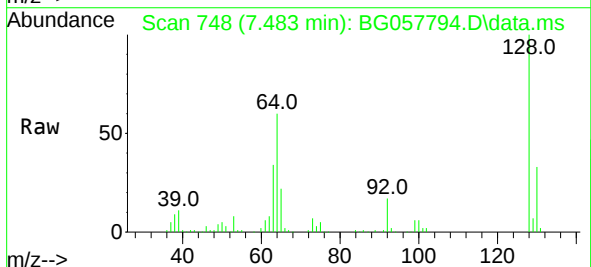
Manual Integrations
APPROVED

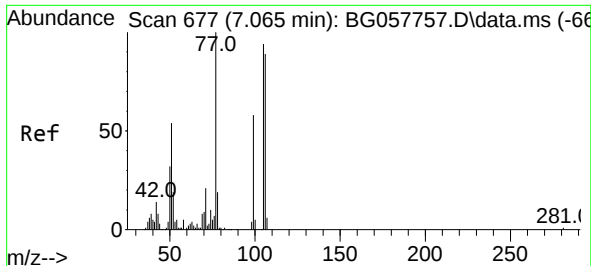
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023



#8
2-Chlorophenol
Concen: 47.101 ng
RT: 7.483 min Scan# 748
Delta R.T. -0.012 min
Lab File: BG057794.D
Acq: 21 Jun 2023 21:30

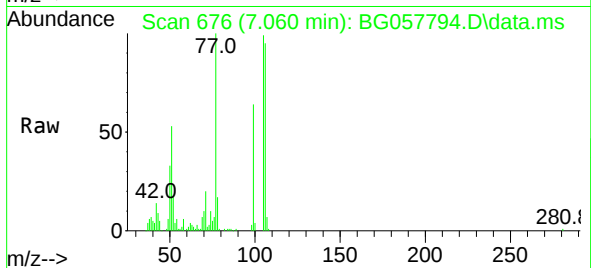
Tgt Ion:128 Resp: 107212
Ion Ratio Lower Upper
128 100
130 32.7 10.6 50.6
64 59.5 39.1 79.1





#9
Benzaldehyde
Concen: 28.675 ng m
RT: 7.060 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG057794.D
Acq: 21 Jun 2023 21:30

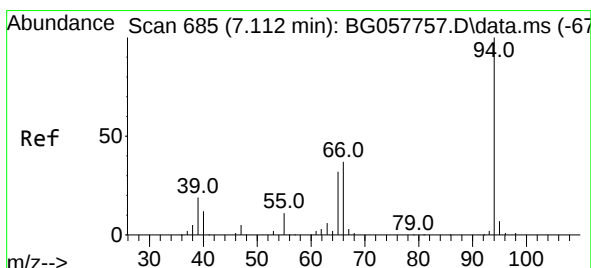
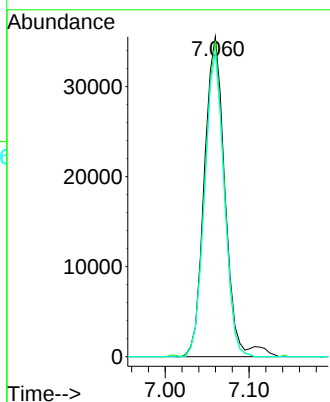
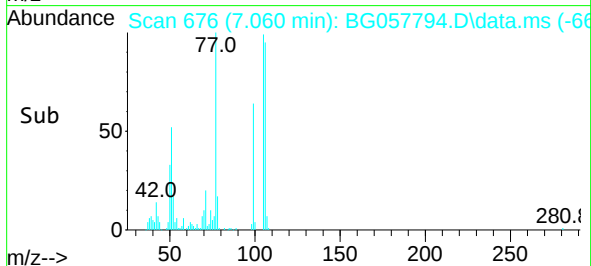
Instrument :
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Tgt Ion: 77 Resp: 6087
Ion Ratio Lower Upper
77 100
105 98.6 73.7 113.7
106 94.8 69.0 109.0

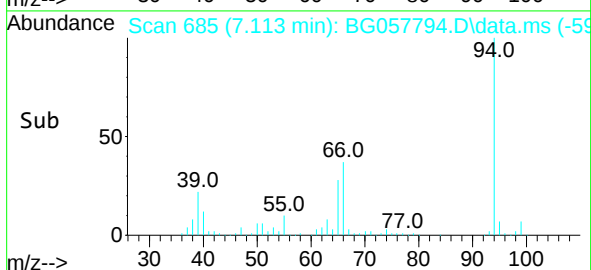
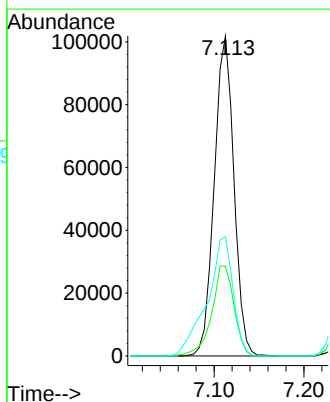
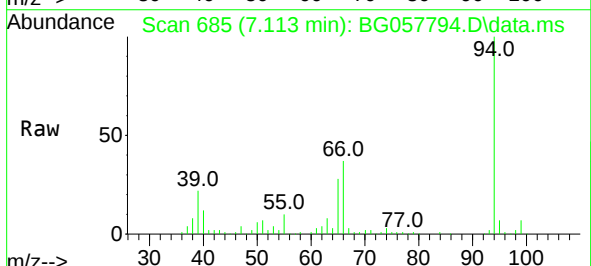
Manual Integrations
APPROVED

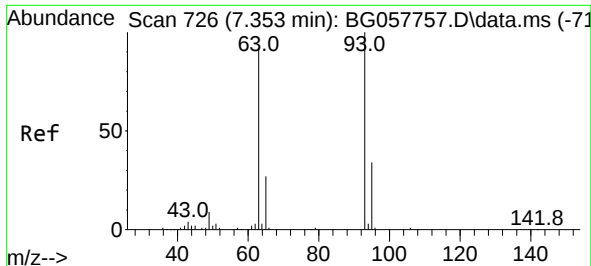
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023



#10
Phenol
Concen: 46.501 ng
RT: 7.113 min Scan# 685
Delta R.T. 0.000 min
Lab File: BG057794.D
Acq: 21 Jun 2023 21:30

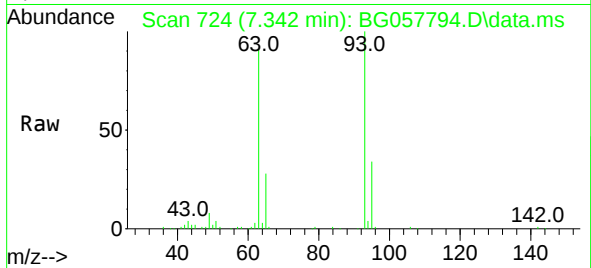
Tgt Ion: 94 Resp: 154572
Ion Ratio Lower Upper
94 100
65 28.0 12.2 52.2
66 37.3 18.3 58.3





#11
bis(2-Chloroethyl)ether
Concen: 38.186 ng
RT: 7.342 min Scan# 71
Delta R.T. -0.012 min
Lab File: BG057794.D
Acq: 21 Jun 2023 21:30

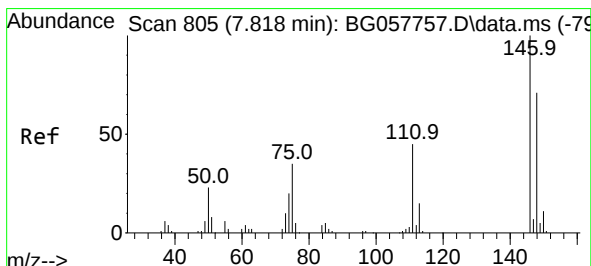
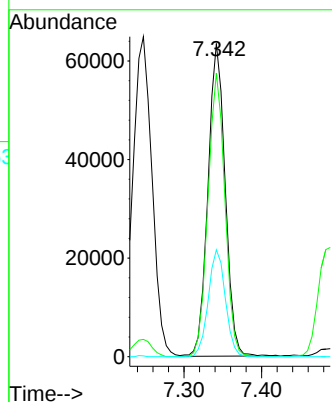
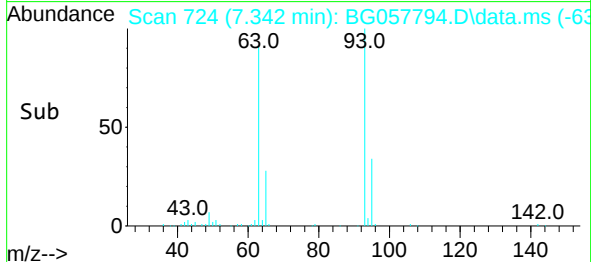
Instrument :
BNA_G
ClientSampleId :
GP-01MSD



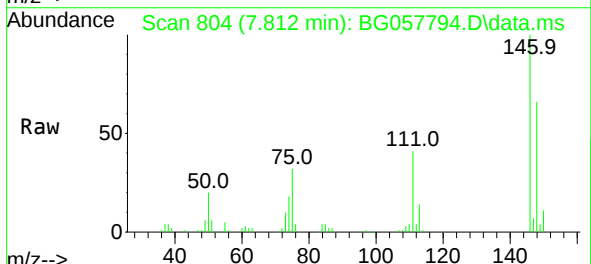
Tgt Ion: 93 Resp: 97592
Ion Ratio Lower Upper
93 100
63 90.6 71.2 111.2
95 34.1 14.2 54.2

Manual Integrations
APPROVED

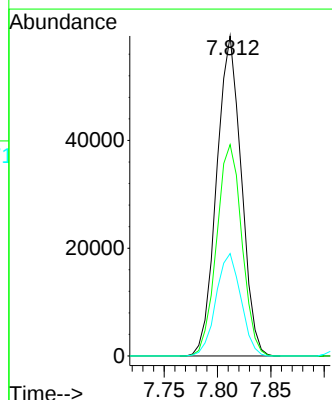
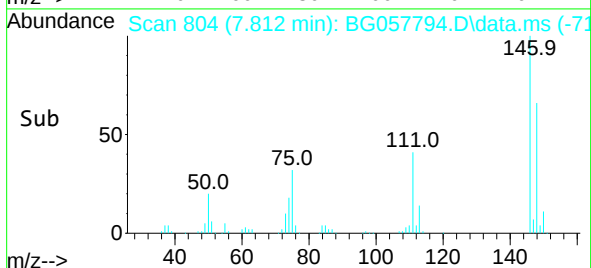
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023

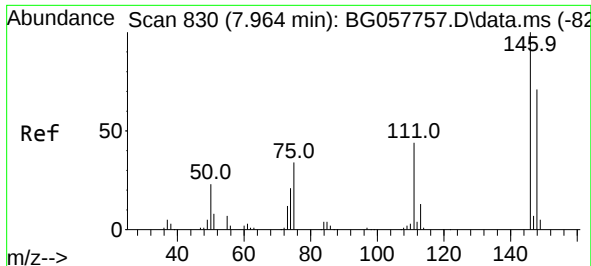


#12
1,3-Dichlorobenzene
Concen: 41.244 ng
RT: 7.812 min Scan# 804
Delta R.T. -0.006 min
Lab File: BG057794.D
Acq: 21 Jun 2023 21:30



Tgt Ion:146 Resp: 95540
Ion Ratio Lower Upper
146 100
148 66.0 57.0 85.6
75 32.0 27.8 41.8





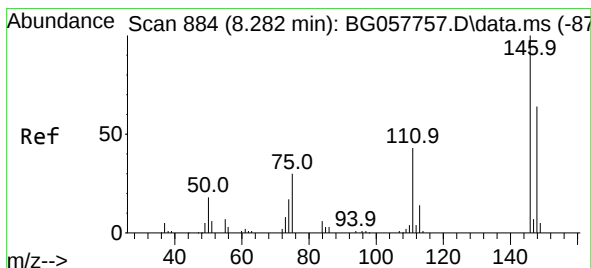
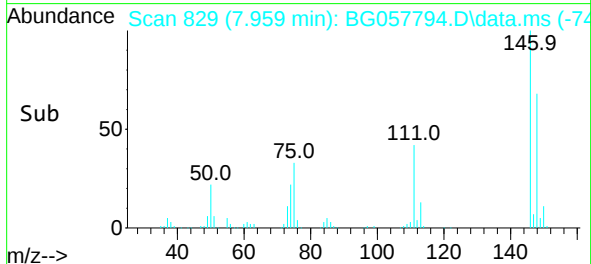
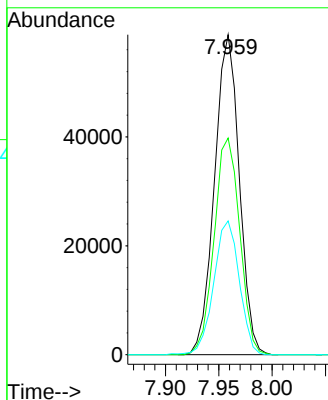
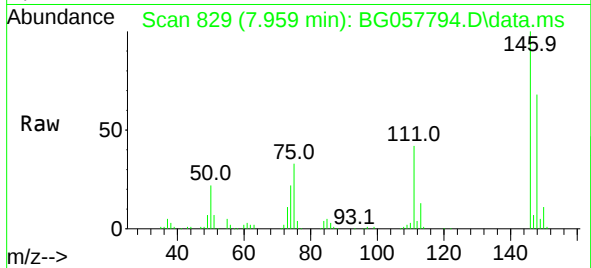
#13
1,4-Dichlorobenzene
Concen: 40.425 ng
RT: 7.959 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG057794.D
Acq: 21 Jun 2023 21:30

Instrument :
BNA_G
ClientSampleId :
GP-01MSD

Tgt Ion:146 Resp: 9488
Ion Ratio Lower Upper
146 100
148 67.7 57.0 85.4
111 41.8 35.1 52.7

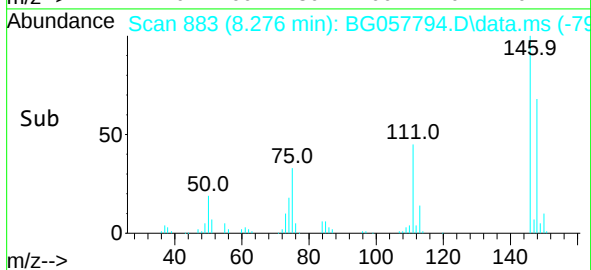
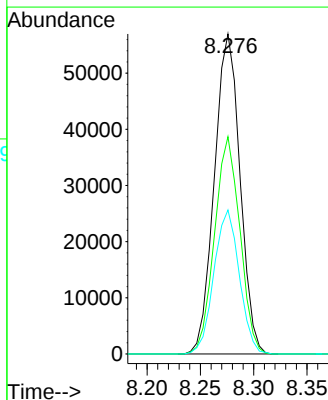
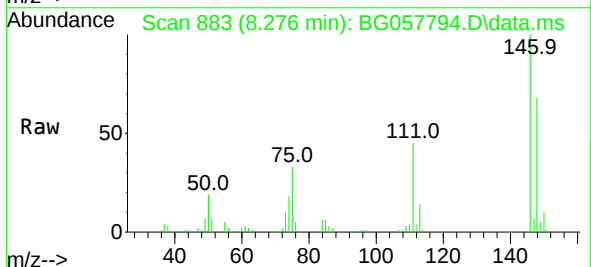
Manual Integrations
APPROVED

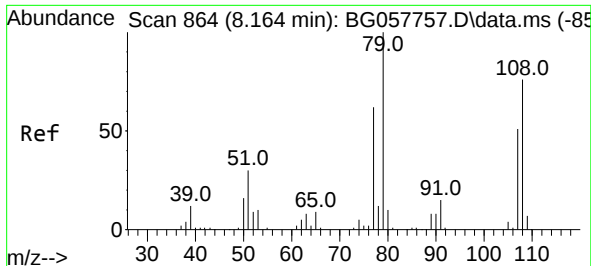
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023



#14
1,2-Dichlorobenzene
Concen: 41.941 ng
RT: 8.276 min Scan# 883
Delta R.T. -0.006 min
Lab File: BG057794.D
Acq: 21 Jun 2023 21:30

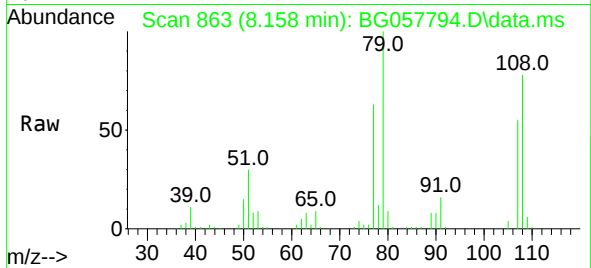
Tgt Ion:146 Resp: 95254
Ion Ratio Lower Upper
146 100
148 67.9 51.0 76.6
111 45.0 34.9 52.3





#15
Benzyl Alcohol
Concen: 42.082 ng
RT: 8.158 min Scan# 80
Delta R.T. -0.006 min
Lab File: BG057794.D
Acq: 21 Jun 2023 21:30

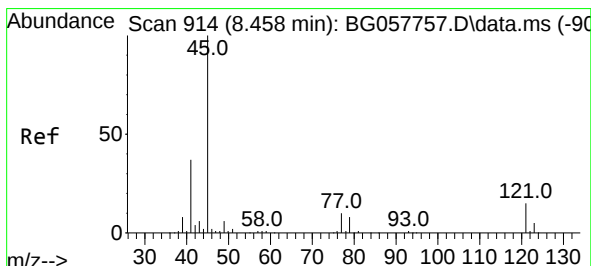
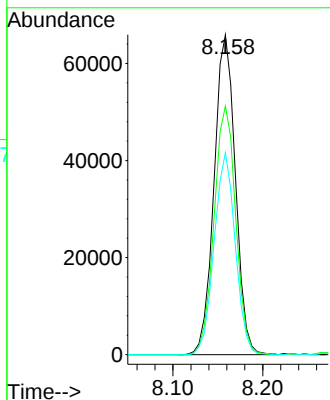
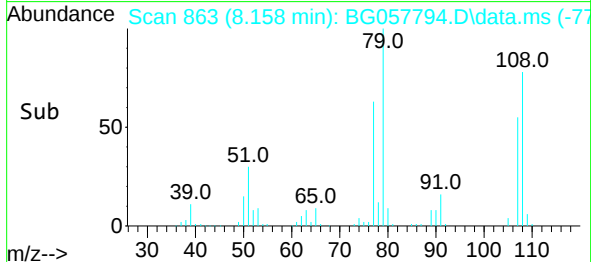
Instrument :
BNA_G
ClientSampleId :
GP-01MSD



Tgt Ion: 79 Resp: 10863
Ion Ratio Lower Upper
79 100
108 77.7 60.5 90.7
77 63.1 49.3 73.9

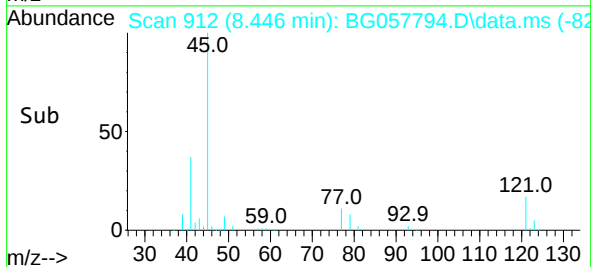
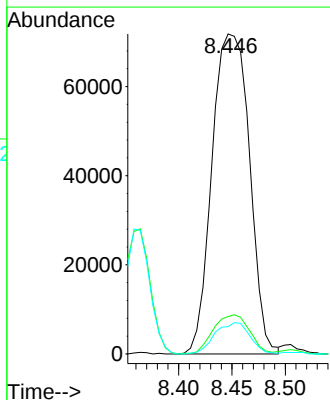
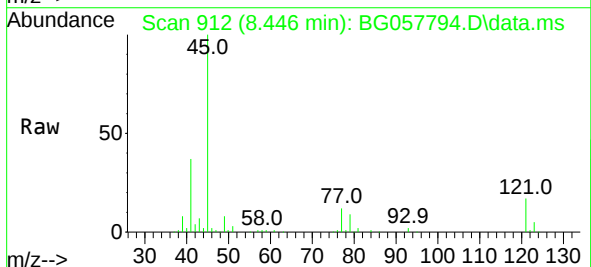
Manual Integrations
APPROVED

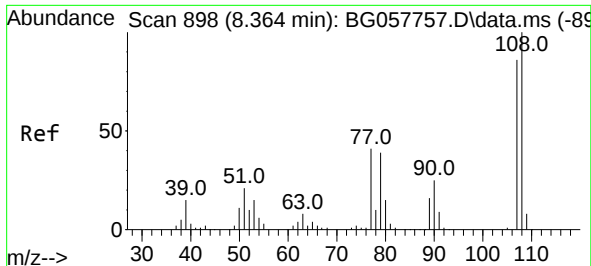
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023



#16
2,2'-oxybis(1-chloropropane)
Concen: 35.773 ng
RT: 8.446 min Scan# 912
Delta R.T. -0.012 min
Lab File: BG057794.D
Acq: 21 Jun 2023 21:30

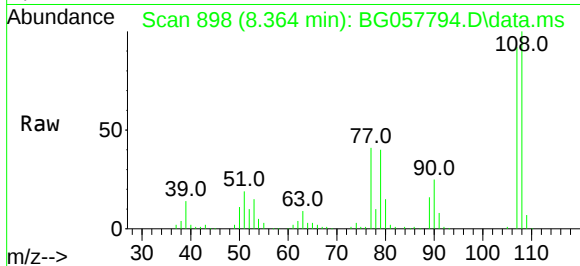
Tgt Ion: 45 Resp: 175626
Ion Ratio Lower Upper
45 100
77 11.7 0.0 30.6
79 8.5 0.0 28.3





#17
2-Methylphenol
Concen: 43.557 ng
RT: 8.364 min Scan# 898
Delta R.T. 0.000 min
Lab File: BG057794.D
Acq: 21 Jun 2023 21:30

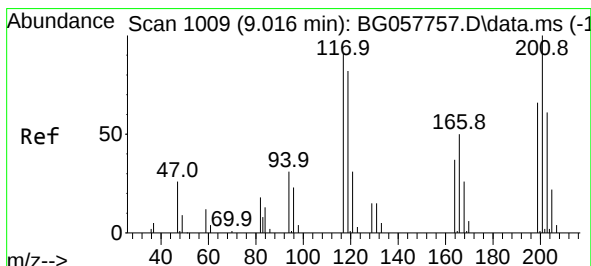
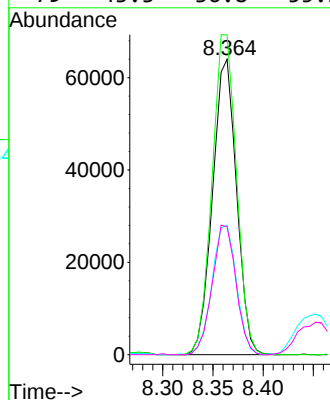
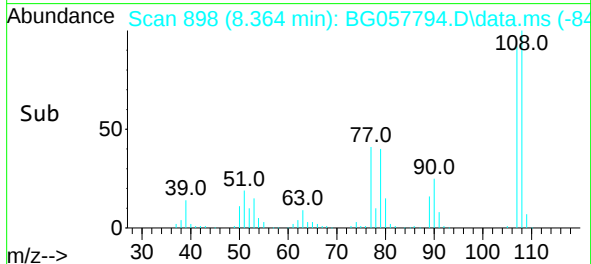
Instrument :
BNA_G
ClientSampleId :
GP-01MSD



Tgt Ion:107 Resp: 10649
Ion Ratio Lower Upper
107 100
108 108.3 93.2 139.8
77 43.9 37.8 56.8
79 43.3 36.8 55.2

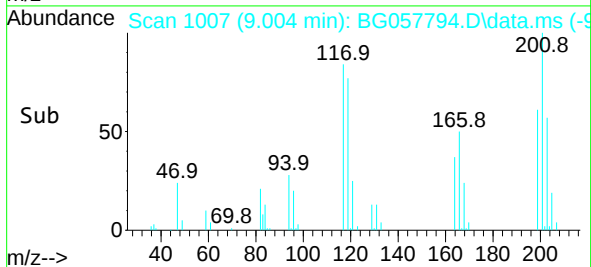
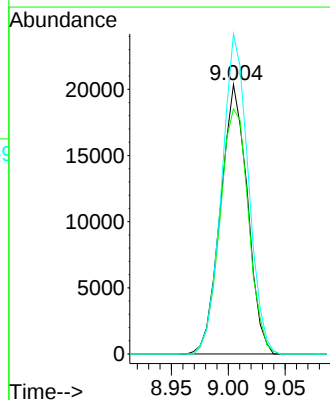
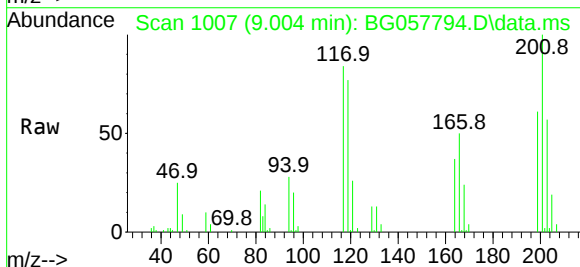
Manual Integrations
APPROVED

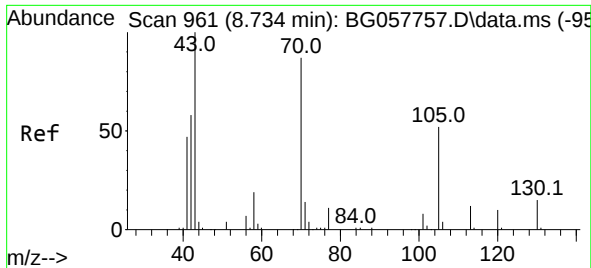
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023



#18
Hexachloroethane
Concen: 40.420 ng
RT: 9.004 min Scan# 1007
Delta R.T. -0.012 min
Lab File: BG057794.D
Acq: 21 Jun 2023 21:30

Tgt Ion:117 Resp: 33453
Ion Ratio Lower Upper
117 100
119 91.0 72.3 108.5
201 118.8 87.8 131.8





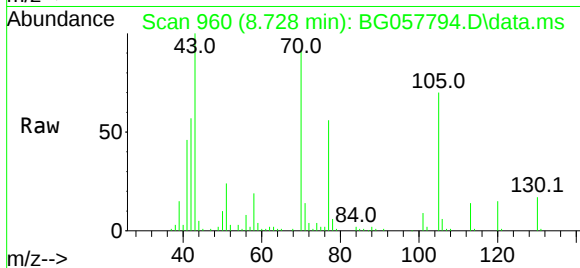
#19
n-Nitroso-di-n-propylamine
Concen: 37.881 ng
RT: 8.728 min Scan# 90
Delta R.T. -0.006 min
Lab File: BG057794.D
Acq: 21 Jun 2023 21:30

Instrument :

BNA_G

ClientSampleId :

GP-01MSD

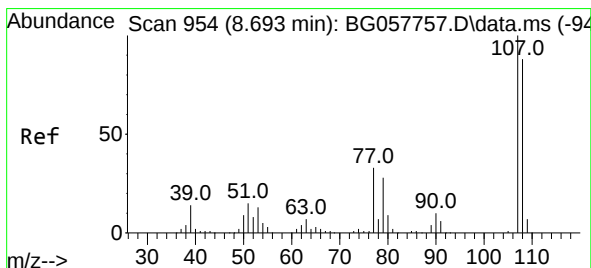
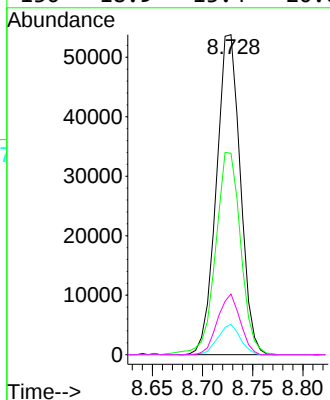
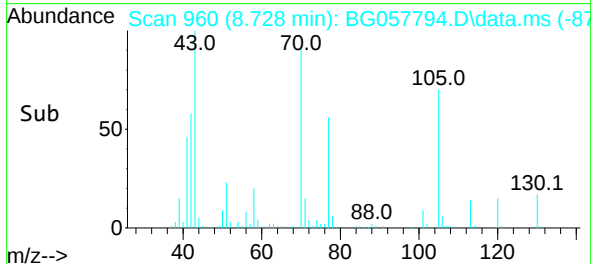


Tgt Ion: 70 Resp: 89160
Ion Ratio Lower Upper
70 100
42 63.0 54.2 81.2
101 9.5 7.4 11.0
130 18.9 13.4 20.0

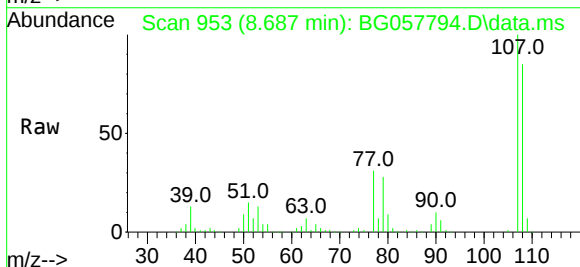
Manual Integrations

APPROVED

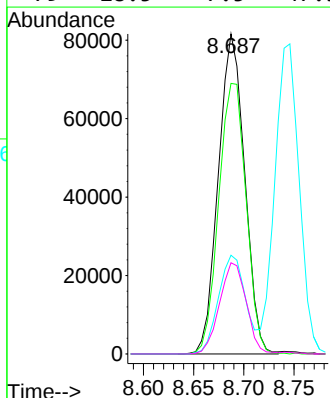
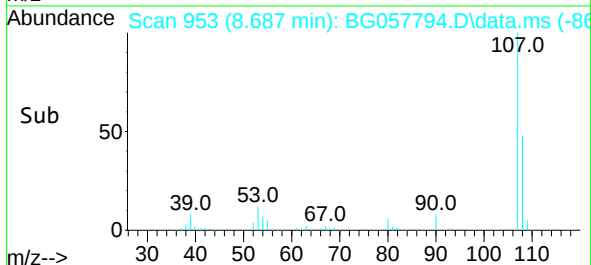
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023

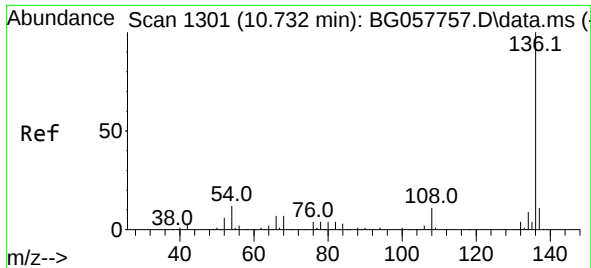


#20
3+4-Methylphenols
Concen: 43.955 ng
RT: 8.687 min Scan# 953
Delta R.T. -0.006 min
Lab File: BG057794.D
Acq: 21 Jun 2023 21:30



Tgt Ion:107 Resp: 148440
Ion Ratio Lower Upper
107 100
108 84.5 67.7 107.7
77 30.8 13.3 53.3
79 28.5 7.5 47.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.726 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG057794.D
Acq: 21 Jun 2023 21:30

Instrument :

BNA_G

ClientSampleId :

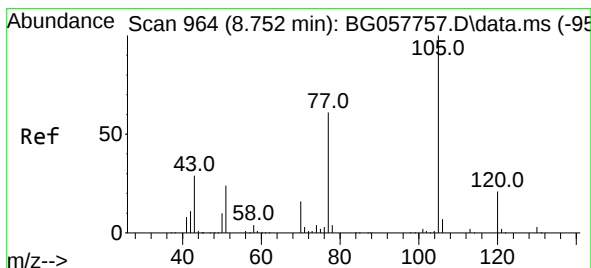
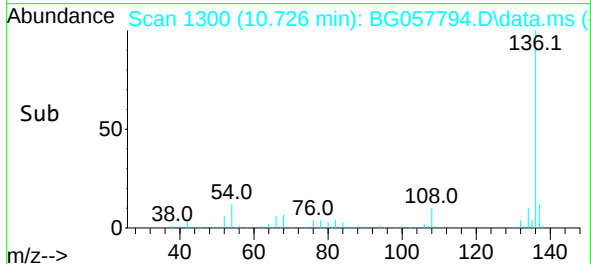
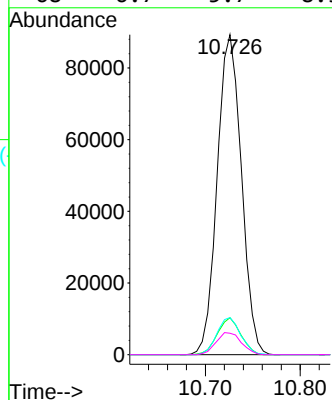
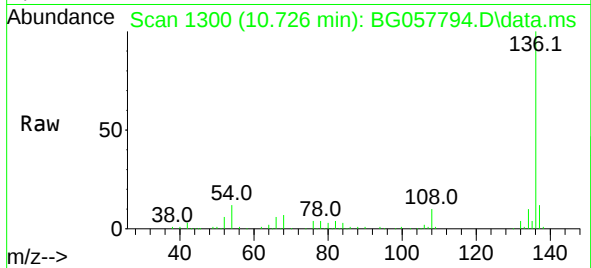
GP-01MSD

Tgt Ion:136 Resp: 15843
Ion Ratio Lower Upper
136 100
137 11.5 8.5 12.7
54 11.6 9.5 14.3
68 6.7 5.7 8.5

Manual Integrations

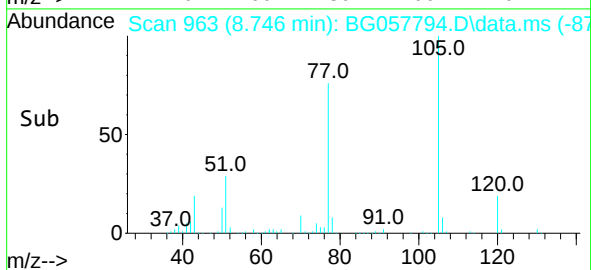
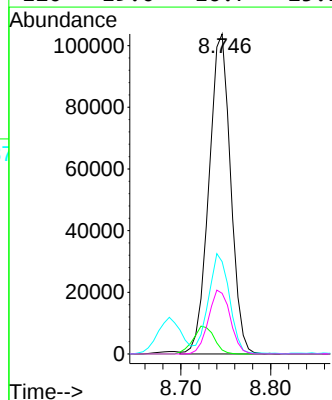
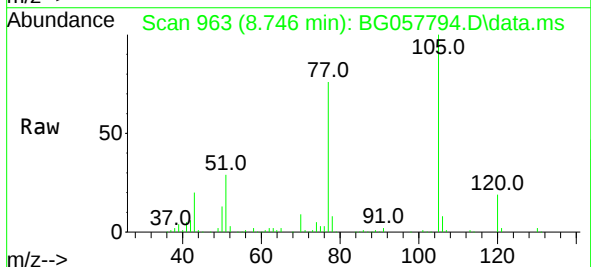
APPROVED

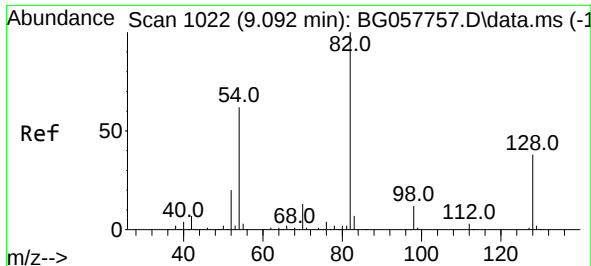
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023



#22
Acetophenone
Concen: 39.027 ng
RT: 8.746 min Scan# 963
Delta R.T. -0.006 min
Lab File: BG057794.D
Acq: 21 Jun 2023 21:30

Tgt Ion:105 Resp: 173389
Ion Ratio Lower Upper
105 100
71 1.3 2.4 3.6#
51 28.8 25.9 38.9
120 19.0 16.7 25.1





#23

Nitrobenzene-d5

Concen: 73.452 ng

RT: 9.081 min Scan# 1020

Delta R.T. -0.012 min

Lab File: BG057794.D

Acq: 21 Jun 2023 21:30

Instrument :

BNA_G

ClientSampleId :

GP-01MSD

Tgt Ion: 82 Resp: 226740

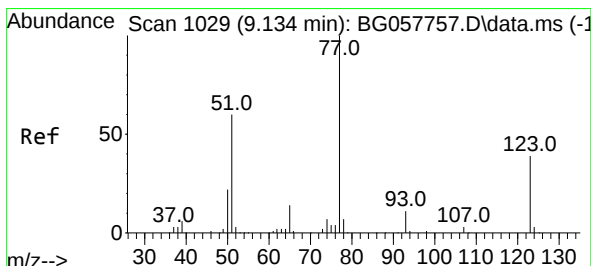
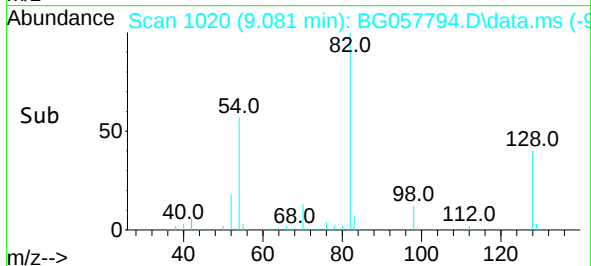
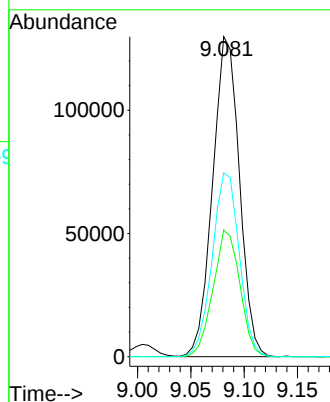
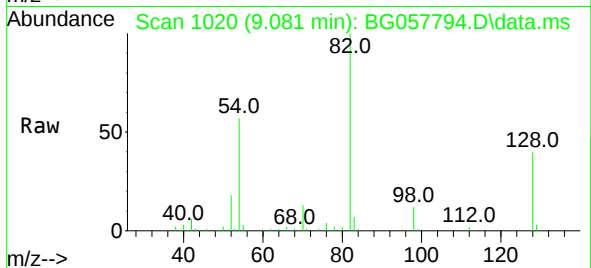
Ion	Ratio	Lower	Upper
82	100		
128	39.7	30.7	46.1
54	57.4	49.6	74.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/27/2023



#24

Nitrobenzene

Concen: 39.102 ng

RT: 9.128 min Scan# 1028

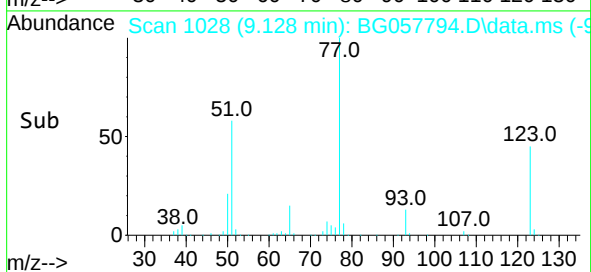
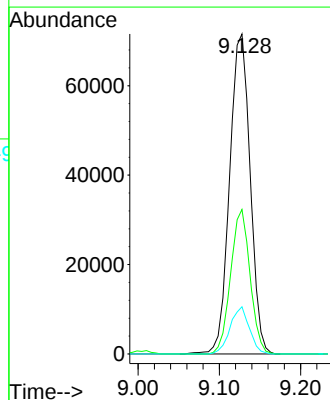
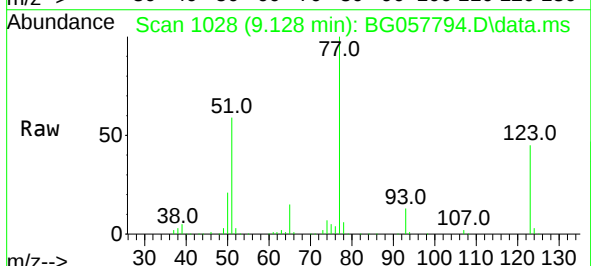
Delta R.T. -0.006 min

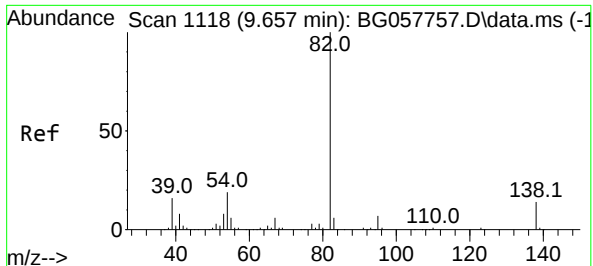
Lab File: BG057794.D

Acq: 21 Jun 2023 21:30

Tgt Ion: 77 Resp: 125623

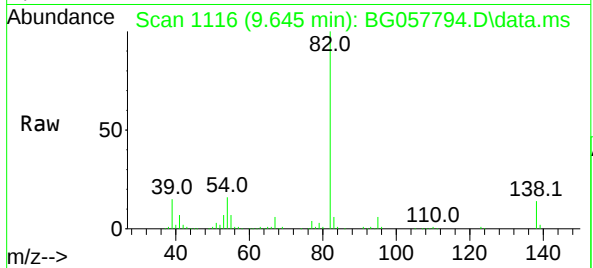
Ion	Ratio	Lower	Upper
77	100		
123	45.2	31.4	47.2
65	14.8	11.2	16.8





#25
Isophorone
Concen: 37.754 ng
RT: 9.645 min Scan# 1116
Delta R.T. -0.012 min
Lab File: BG057794.D
Acq: 21 Jun 2023 21:30

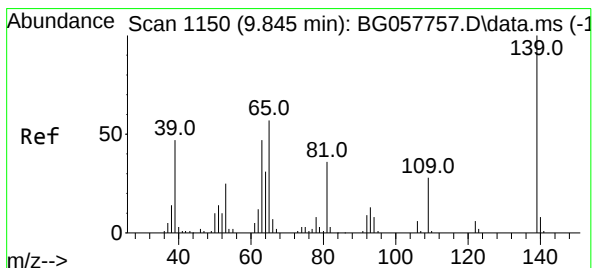
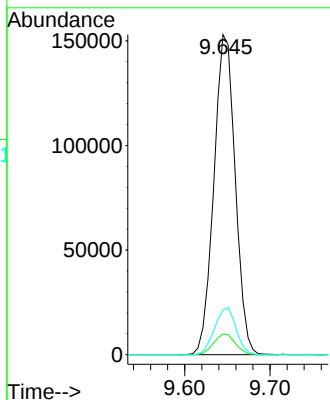
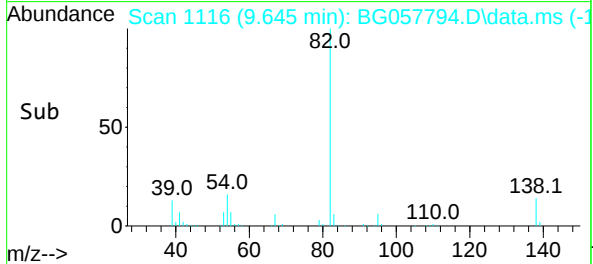
Instrument :
BNA_G
ClientSampleId :
GP-01MSD



Tgt Ion: 82 Resp: 26625
Ion Ratio Lower Upper
82 100
95 6.4 5.2 7.8
138 13.9 11.1 16.7

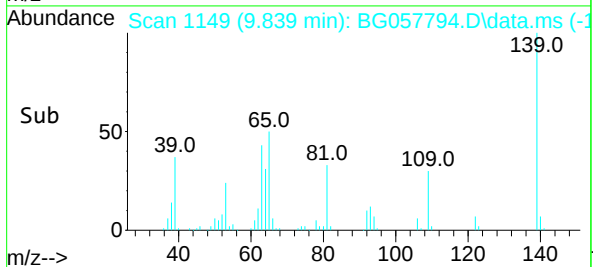
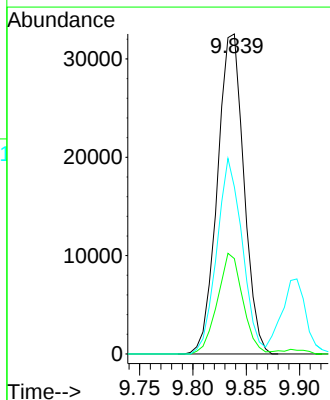
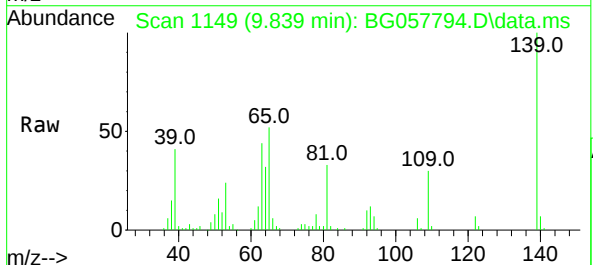
Manual Integrations
APPROVED

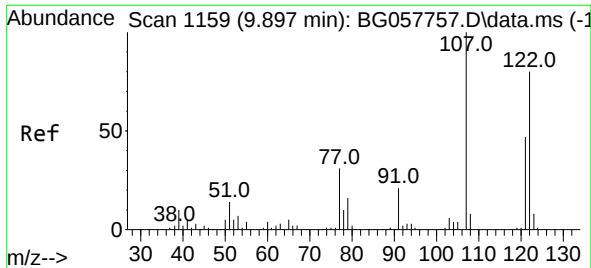
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023



#26
2-Nitrophenol
Concen: 54.872 ng
RT: 9.839 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BG057794.D
Acq: 21 Jun 2023 21:30

Tgt Ion:139 Resp: 56085
Ion Ratio Lower Upper
139 100
109 29.8 22.5 33.7
65 52.2 45.5 68.3





#27

2,4-Dimethylphenol

Concen: 43.464 ng

RT: 9.898 min Scan# 1159

Delta R.T. 0.000 min

Lab File: BG057794.D

Acq: 21 Jun 2023 21:30

Instrument :

BNA_G

ClientSampleId :

GP-01MSD

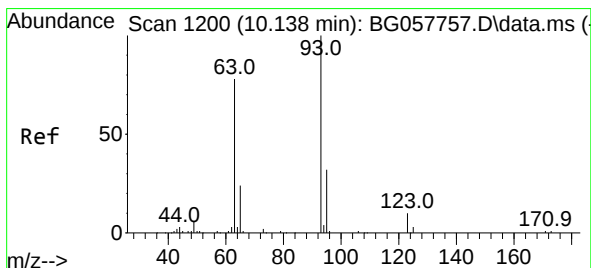
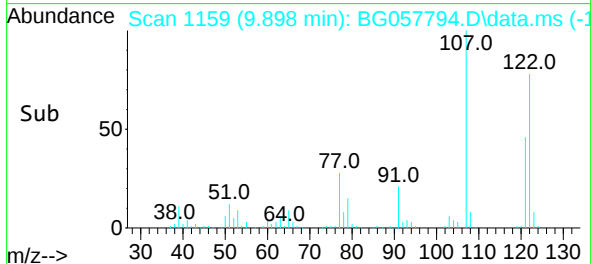
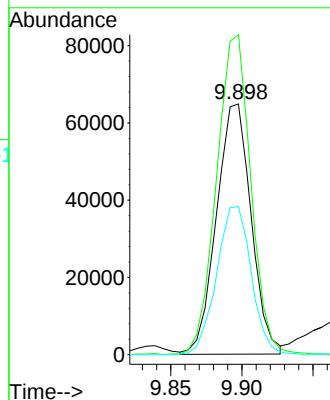
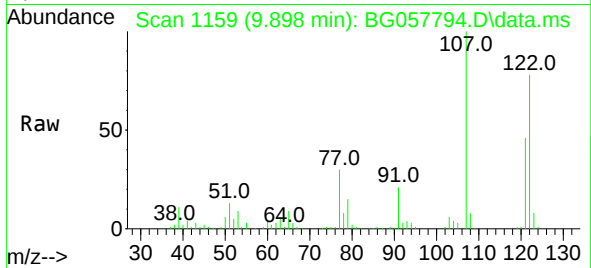
Tgt Ion:122 Resp: 10998
 Ion Ratio Lower Upper
 122 100
 107 127.6 98.9 148.3
 121 59.1 46.4 69.6

Manual Integrations

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Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/27/2023



#28

bis(2-Chloroethoxy)methane

Concen: 39.050 ng

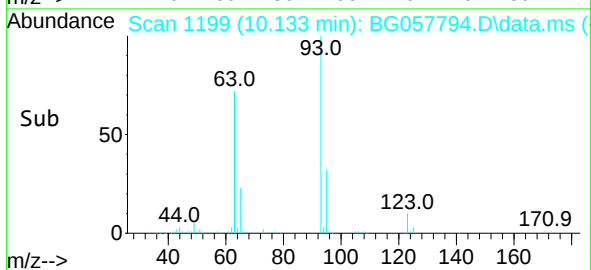
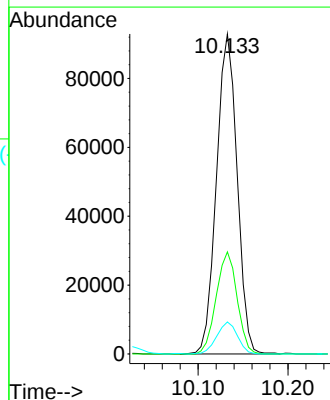
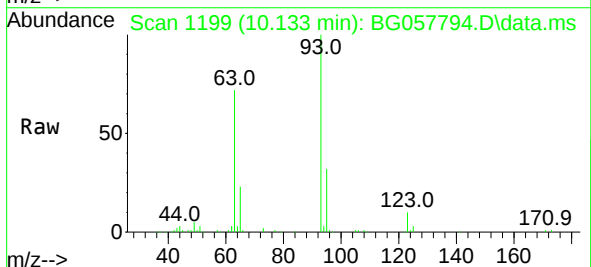
RT: 10.133 min Scan# 1199

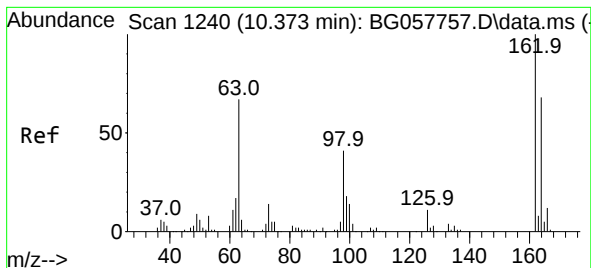
Delta R.T. -0.006 min

Lab File: BG057794.D

Acq: 21 Jun 2023 21:30

Tgt Ion: 93 Resp: 148312
 Ion Ratio Lower Upper
 93 100
 95 31.9 25.6 38.4
 123 10.0 8.2 12.2





#29

2,4-Dichlorophenol

Concen: 46.761 ng

RT: 10.368 min Scan# 11

Delta R.T. -0.006 min

Lab File: BG057794.D

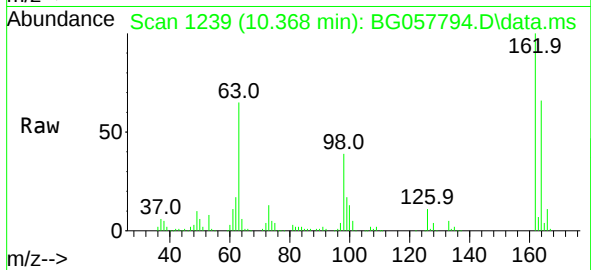
Acq: 21 Jun 2023 21:30

Instrument :

BNA_G

ClientSampleId :

GP-01MSD



Tgt Ion:162 Resp: 112369

Ion Ratio Lower Upper

162 100

164 65.6 48.2 88.2

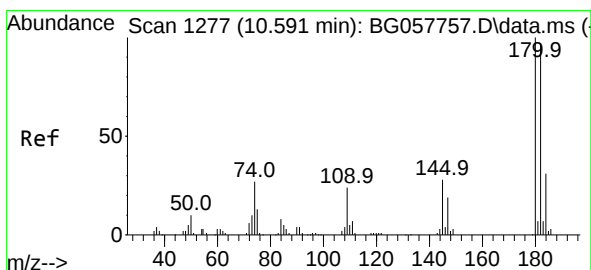
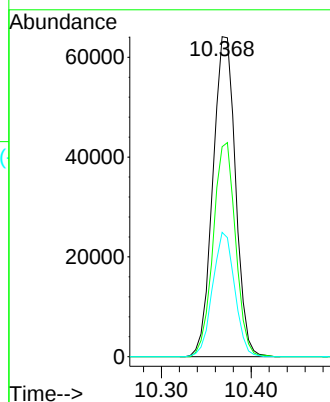
98 38.9 20.7 60.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/27/2023



#30

1,2,4-Trichlorobenzene

Concen: 40.150 ng

RT: 10.585 min Scan# 1276

Delta R.T. -0.006 min

Lab File: BG057794.D

Acq: 21 Jun 2023 21:30

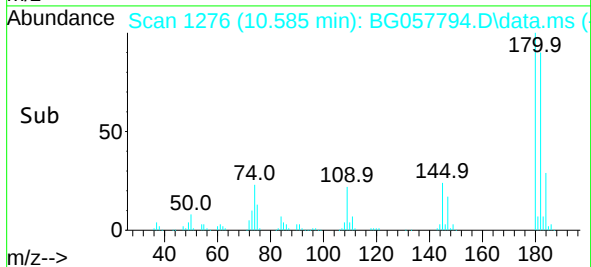
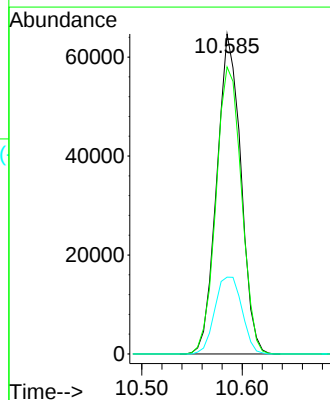
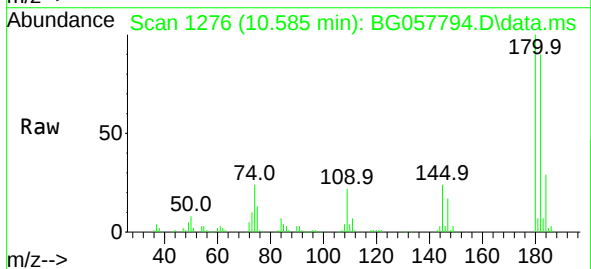
Tgt Ion:180 Resp: 107545

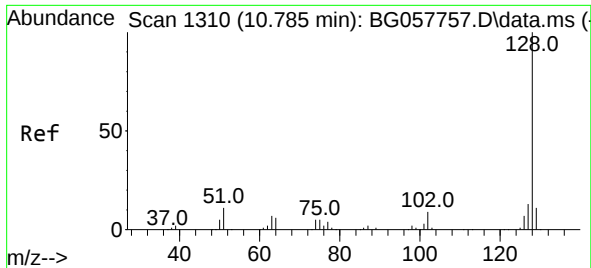
Ion Ratio Lower Upper

180 100

182 89.7 77.5 116.3

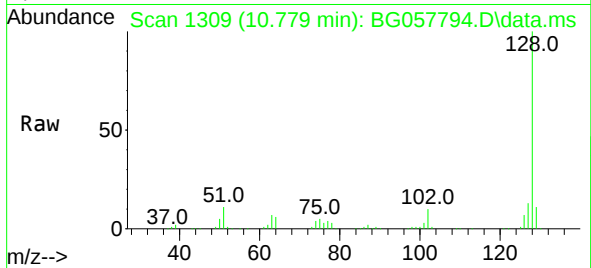
145 24.0 22.6 34.0





#31
Naphthalene
Concen: 38.978 ng
RT: 10.779 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BG057794.D
Acq: 21 Jun 2023 21:30

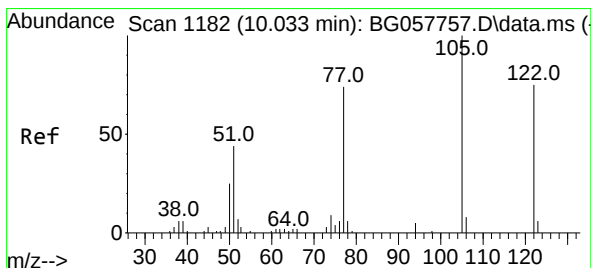
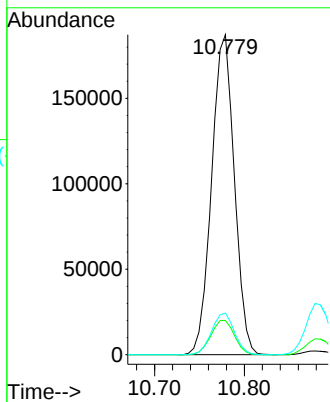
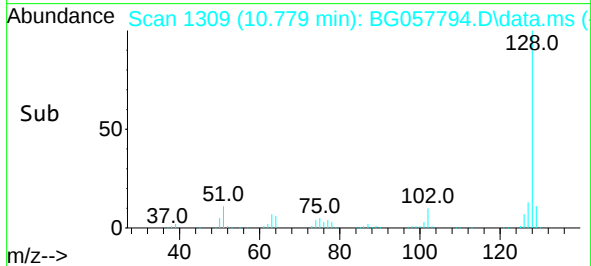
Instrument :
BNA_G
ClientSampleId :
GP-01MSD



Tgt Ion:128 Resp: 32866
Ion Ratio Lower Upper
128 100
129 10.7 8.5 12.7
127 13.0 10.7 16.1

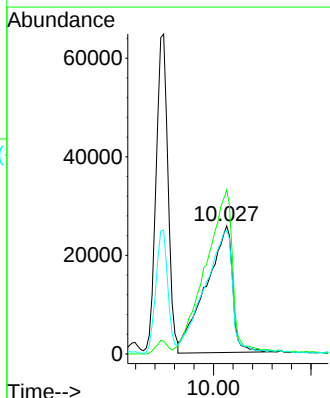
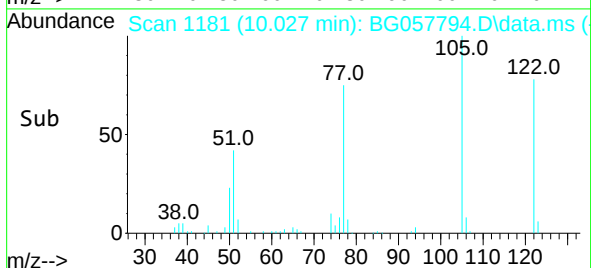
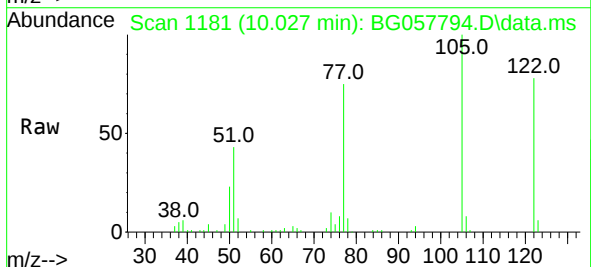
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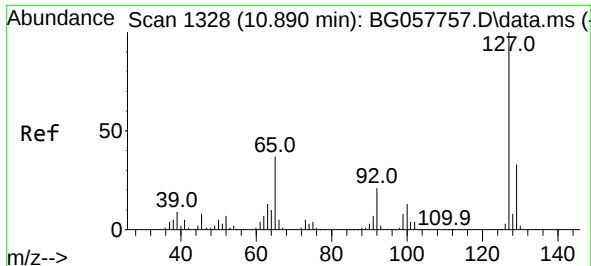
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023



#32
Benzoic acid
Concen: 52.262 ng
RT: 10.027 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BG057794.D
Acq: 21 Jun 2023 21:30

Tgt Ion:122 Resp: 97370
Ion Ratio Lower Upper
122 100
105 128.2 110.1 150.1
77 96.5 78.2 118.2





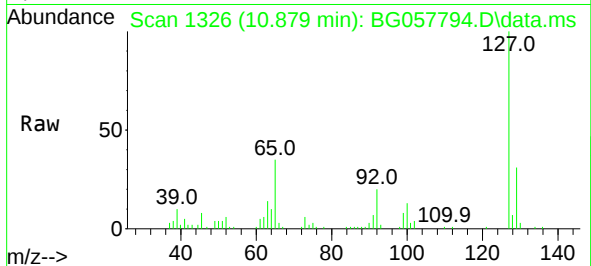
#33
4-Chloroaniline
Concen: 13.937 ng
RT: 10.879 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG057794.D
Acq: 21 Jun 2023 21:30

Instrument :

BNA_G

ClientSampleId :

GP-01MSD

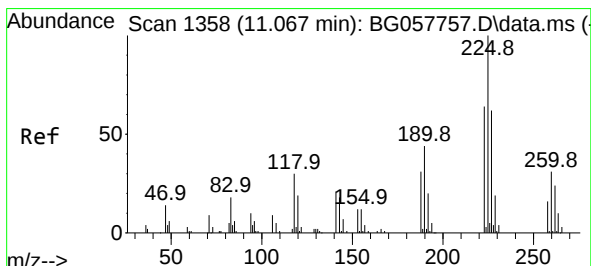
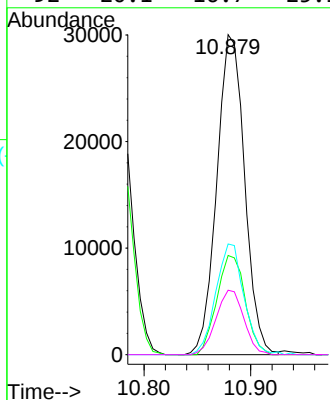
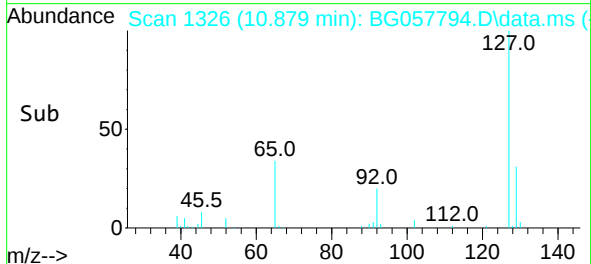


Tgt Ion:127 Resp: 5445
Ion Ratio Lower Upper
127 100
129 31.0 26.6 40.0
65 34.6 29.8 44.8
92 20.1 16.7 25.1

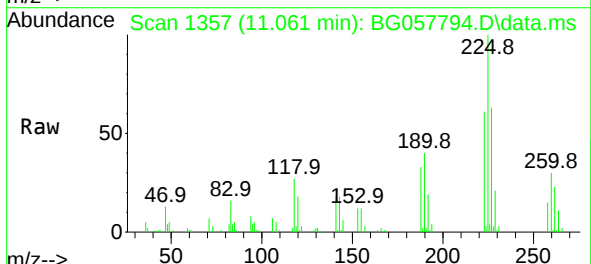
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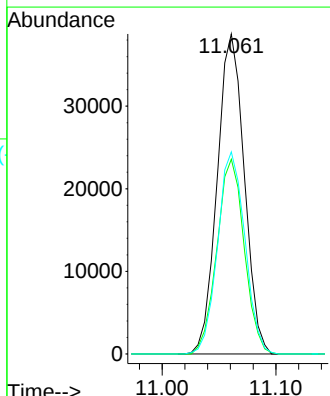
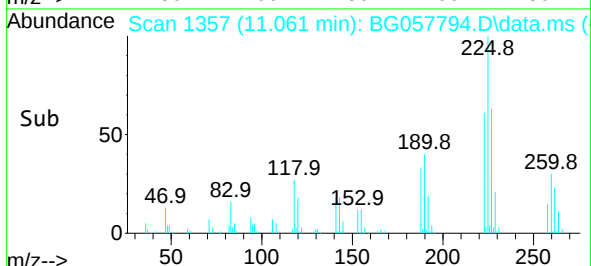
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023

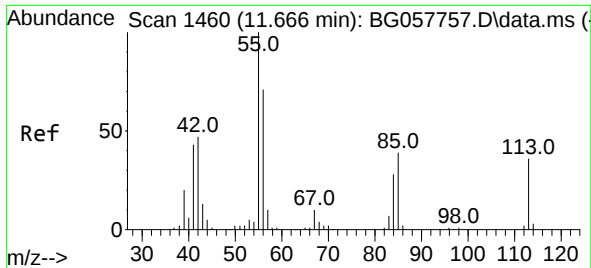


#34
Hexachlorobutadiene
Concen: 39.207 ng
RT: 11.061 min Scan# 1357
Delta R.T. -0.006 min
Lab File: BG057794.D
Acq: 21 Jun 2023 21:30



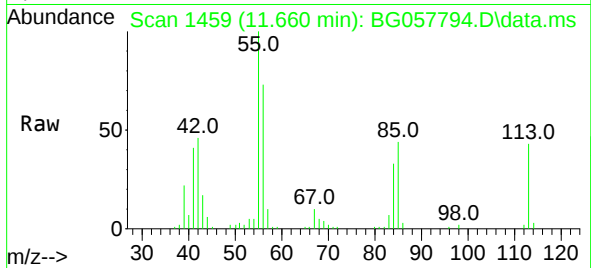
Tgt Ion:225 Resp: 64071
Ion Ratio Lower Upper
225 100
223 60.9 51.4 77.0
227 63.1 49.7 74.5





#35
Caprolactam
Concen: 46.765 ng m
RT: 11.660 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BG057794.D
Acq: 21 Jun 2023 21:30

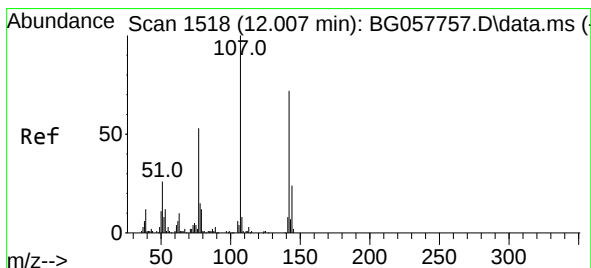
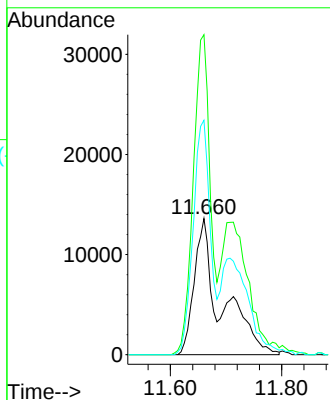
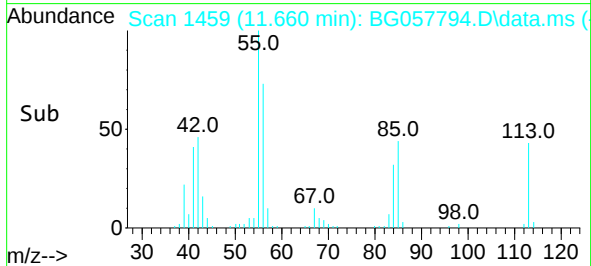
Instrument :
BNA_G
ClientSampleId :
GP-01MSD



Tgt Ion:113 Resp: 45602
Ion Ratio Lower Upper
113 100
55 235.1 255.7 295.7
56 172.3 175.2 215.2

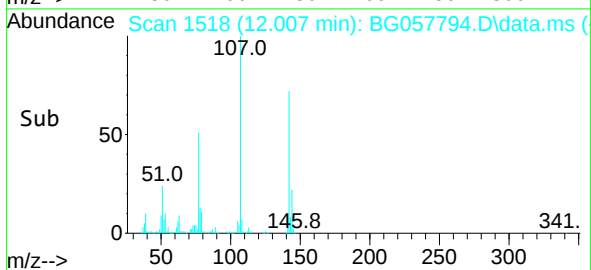
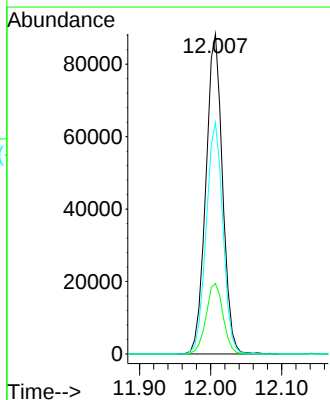
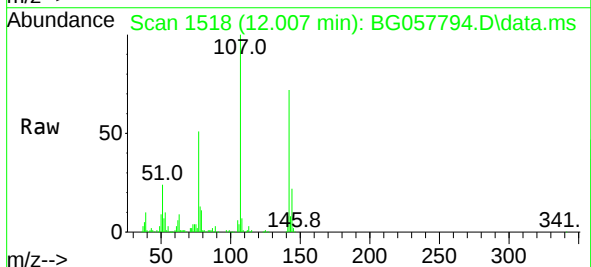
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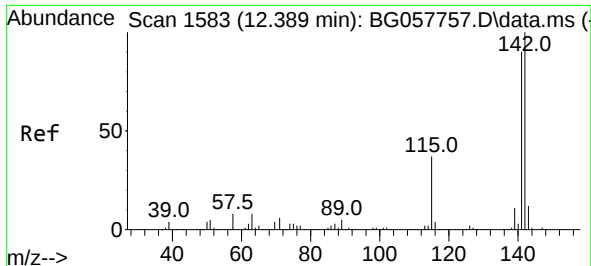
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023



#36
4-Chloro-3-methylphenol
Concen: 45.902 ng
RT: 12.007 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BG057794.D
Acq: 21 Jun 2023 21:30

Tgt Ion:107 Resp: 144059
Ion Ratio Lower Upper
107 100
144 22.0 19.5 29.3
142 72.3 57.9 86.9





#37

2-Methylnaphthalene

Concen: 38.594 ng

RT: 12.383 min Scan# 1583

Delta R.T. -0.006 min

Lab File: BG057794.D

Acq: 21 Jun 2023 21:30

Instrument :

BNA_G

ClientSampleId :

GP-01MSD

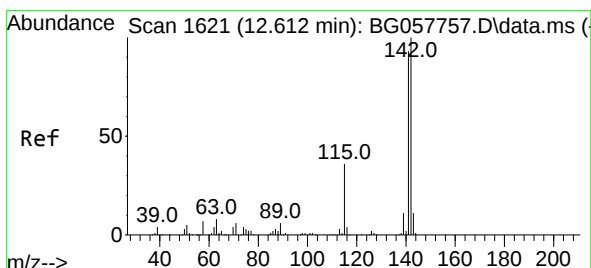
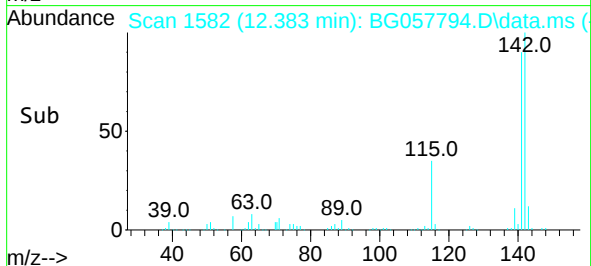
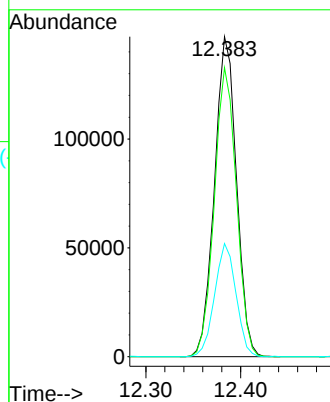
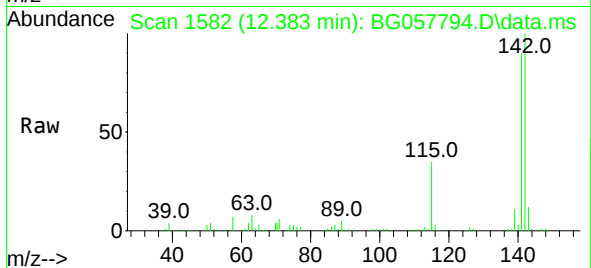
Tgt Ion:142	Resp: 237204
Ion Ratio	Lower Upper
142	100
141	90.3 72.1 108.1
115	35.4 29.7 44.5

Manual Integrations

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Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/27/2023



#38

1-Methylnaphthalene

Concen: 39.002 ng

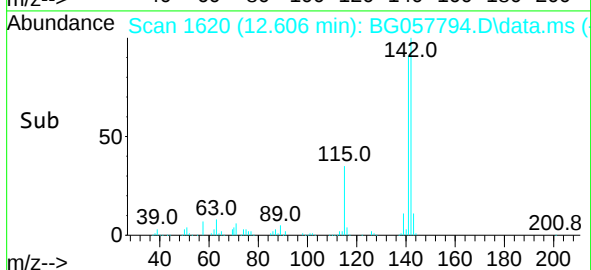
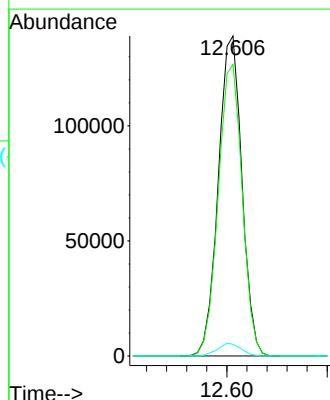
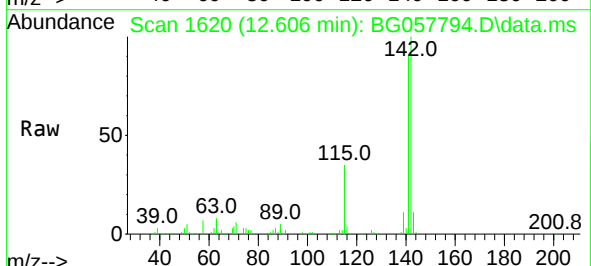
RT: 12.606 min Scan# 1620

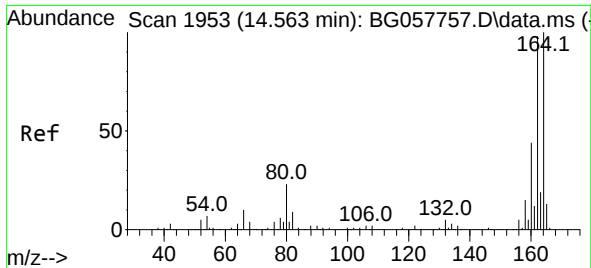
Delta R.T. -0.006 min

Lab File: BG057794.D

Acq: 21 Jun 2023 21:30

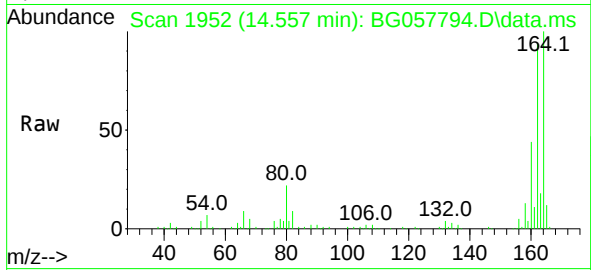
Tgt Ion:142	Resp: 226287
Ion Ratio	Lower Upper
142	100
141	91.1 74.2 111.4
116	3.7 3.1 4.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.557 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BG057794.D
Acq: 21 Jun 2023 21:30

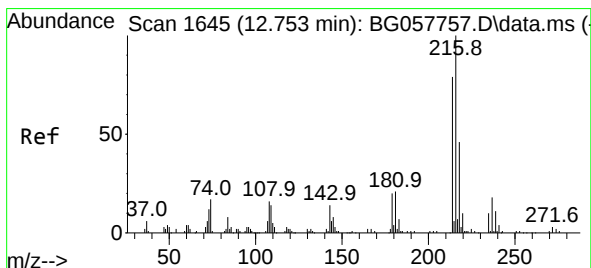
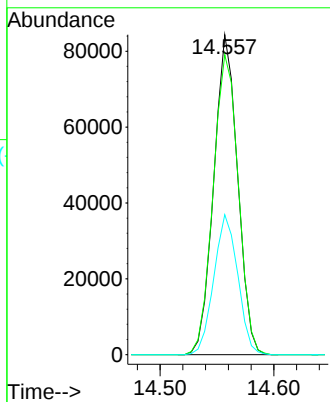
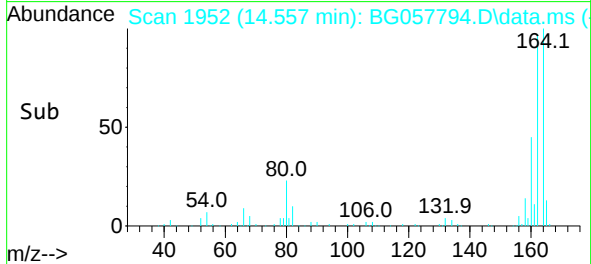
Instrument :
BNA_G
ClientSampleId :
GP-01MSD



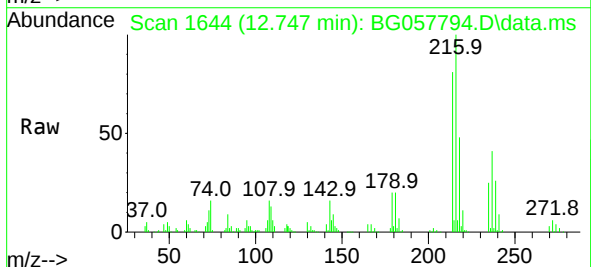
Tgt Ion:164 Resp: 122875
Ion Ratio Lower Upper
164 100
162 93.7 78.3 117.5
160 43.7 35.4 53.0

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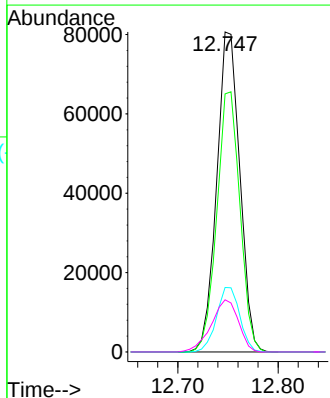
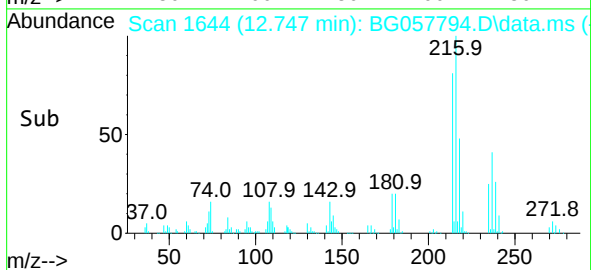
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023

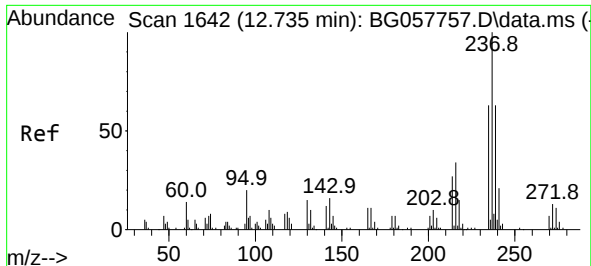


#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.814 ng
RT: 12.747 min Scan# 1644
Delta R.T. -0.006 min
Lab File: BG057794.D
Acq: 21 Jun 2023 21:30



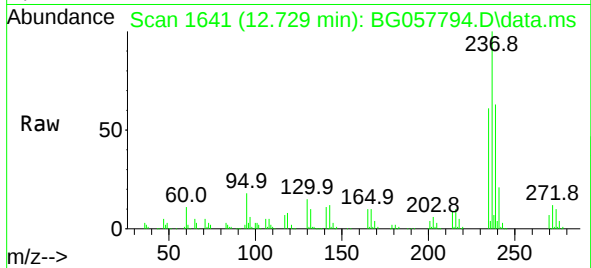
Tgt Ion:216 Resp: 128812
Ion Ratio Lower Upper
216 100
214 81.3 63.0 94.4
179 20.3 16.2 24.2
108 19.3 14.2 21.2





#41
Hexachlorocyclopentadiene
Concen: 91.536 ng
RT: 12.729 min Scan# 1641
Delta R.T. -0.006 min
Lab File: BG057794.D
Acq: 21 Jun 2023 21:30

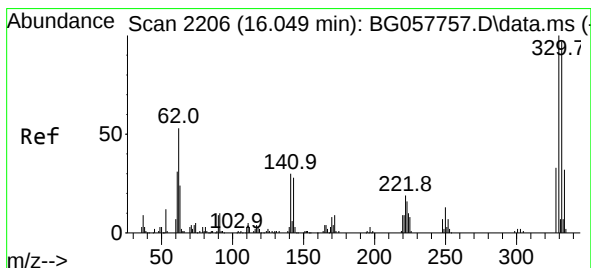
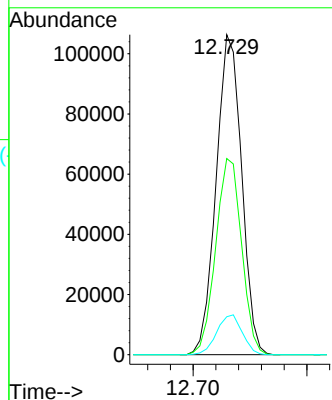
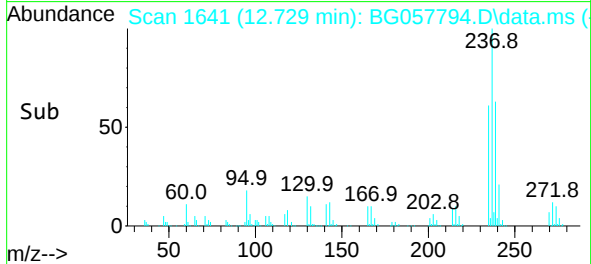
Instrument :
BNA_G
ClientSampleId :
GP-01MSD



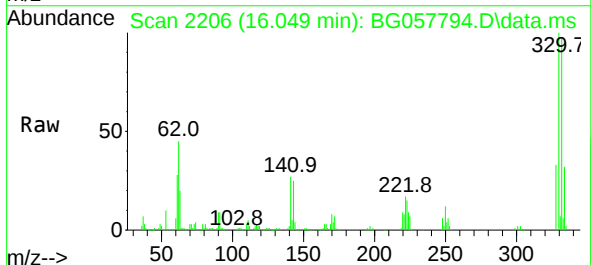
Tgt Ion: 237 Resp: 16554
Ion Ratio Lower Upper
237 100
235 61.3 43.5 83.5
272 11.8 0.0 32.8

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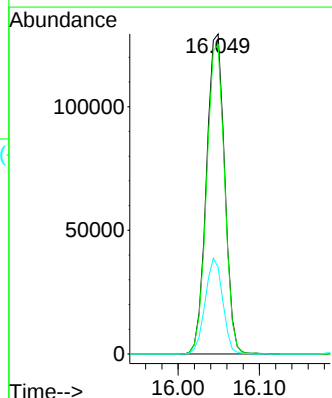
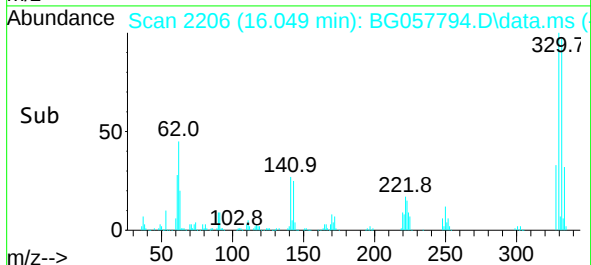
Reviewed By : Yogesh Patel 06/23/2023
Supervised By : mohammad ahmed 06/27/2023

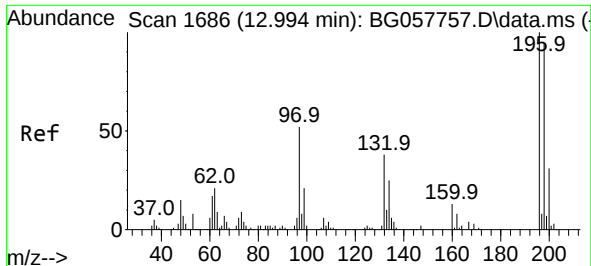


#42
2,4,6-Tribromophenol
Concen: 117.304 ng
RT: 16.049 min Scan# 2206
Delta R.T. 0.000 min
Lab File: BG057794.D
Acq: 21 Jun 2023 21:30



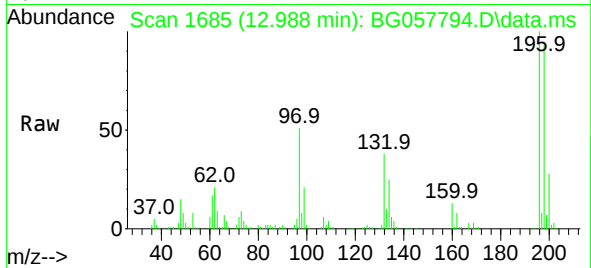
Tgt Ion: 330 Resp: 200782
Ion Ratio Lower Upper
330 100
332 95.8 76.6 115.0
141 28.9 24.7 37.1





#43
2,4,6-Trichlorophenol
Concen: 43.216 ng
RT: 12.988 min Scan# 1685
Delta R.T. -0.006 min
Lab File: BG057794.D
Acq: 21 Jun 2023 21:30

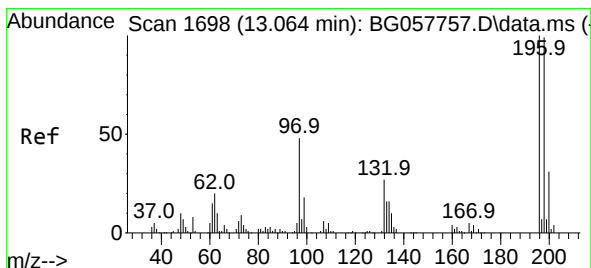
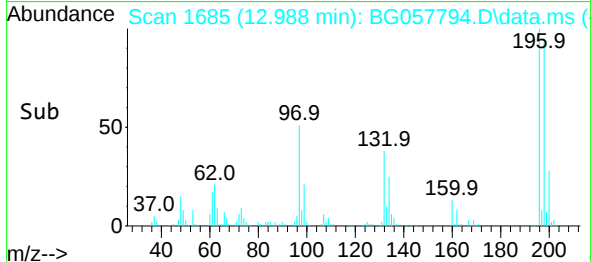
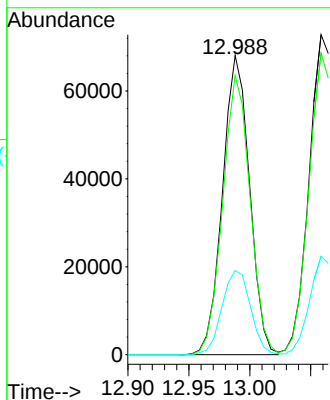
Instrument :
BNA_G
ClientSampleId :
GP-01MSD



Tgt Ion:196 Resp: 105408
Ion Ratio Lower Upper
196 100
198 93.3 75.5 113.3
200 28.1 24.6 36.8

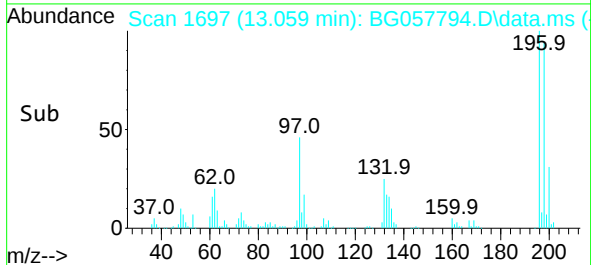
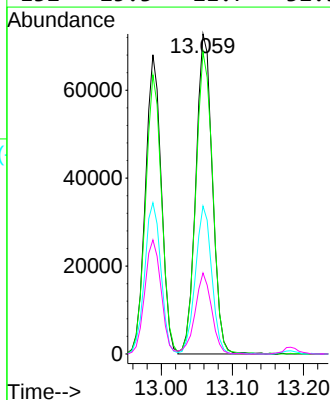
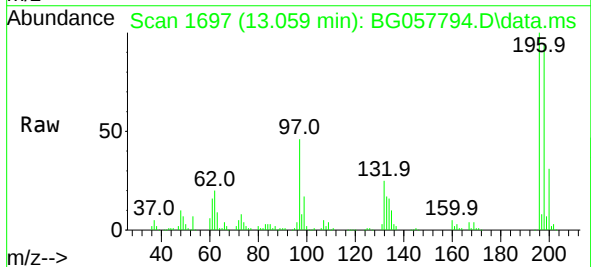
Manual Integrations
APPROVED

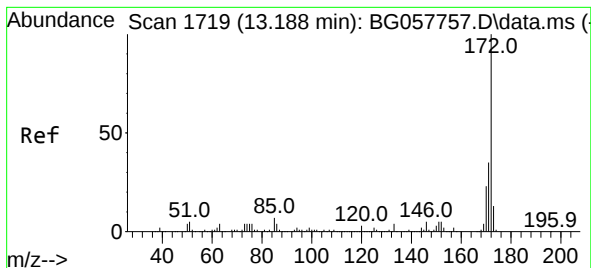
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023



#44
2,4,5-Trichlorophenol
Concen: 41.416 ng
RT: 13.059 min Scan# 1697
Delta R.T. -0.006 min
Lab File: BG057794.D
Acq: 21 Jun 2023 21:30

Tgt Ion:196 Resp: 117751
Ion Ratio Lower Upper
196 100
198 94.3 78.9 118.3
97 46.2 38.3 57.5
132 25.3 21.7 32.5





#45

2-Fluorobiphenyl

Concen: 68.557 ng

RT: 13.182 min Scan# 1719

Delta R.T. -0.006 min

Lab File: BG057794.D

Acq: 21 Jun 2023 21:30

Instrument :

BNA_G

ClientSampleId :

GP-01MSD

Tgt Ion:172 Resp: 55539

Ion Ratio Lower Upper

172 100

171 35.1 28.1 42.1

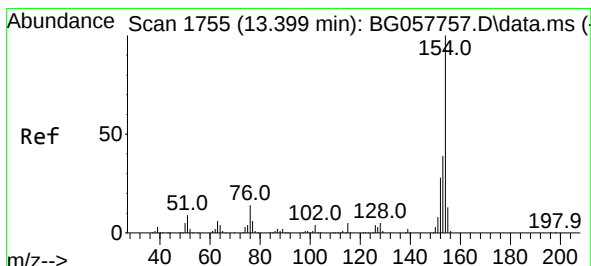
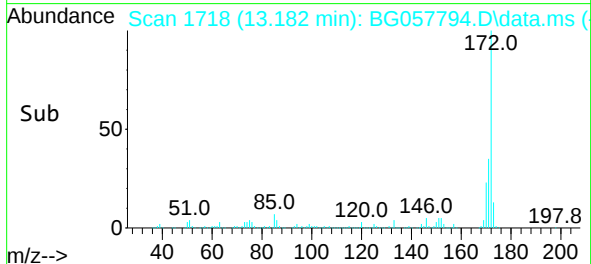
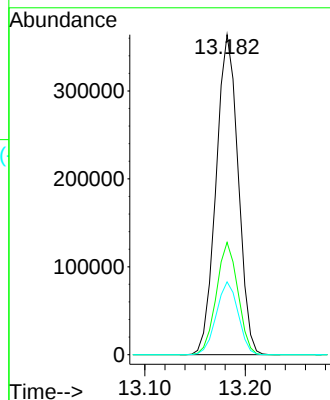
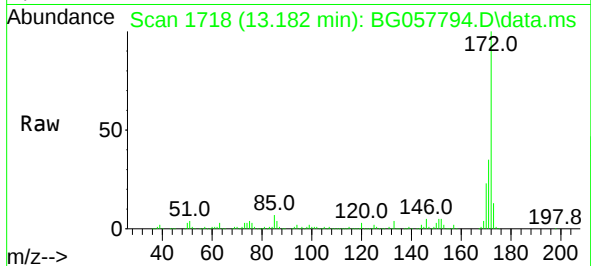
170 22.8 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/27/2023



#46

1,1'-Biphenyl

Concen: 38.422 ng

RT: 13.393 min Scan# 1754

Delta R.T. -0.006 min

Lab File: BG057794.D

Acq: 21 Jun 2023 21:30

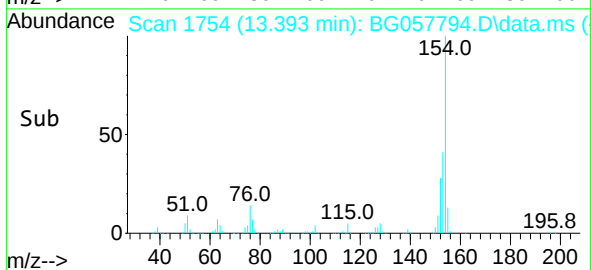
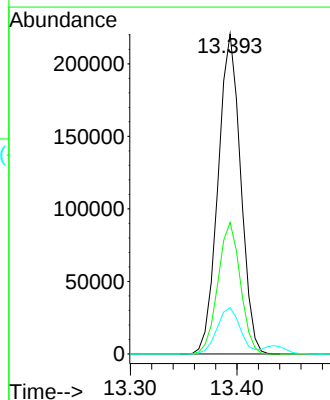
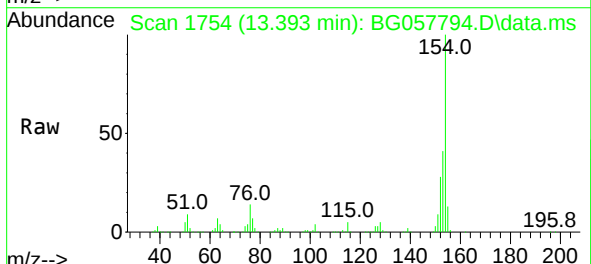
Tgt Ion:154 Resp: 324166

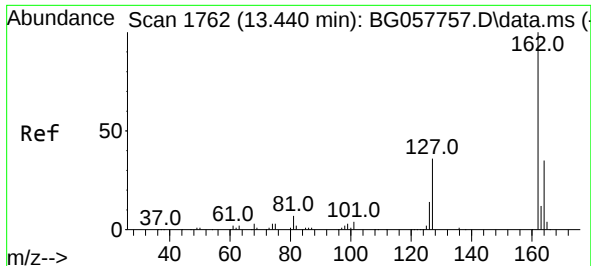
Ion Ratio Lower Upper

154 100

153 41.1 19.1 59.1

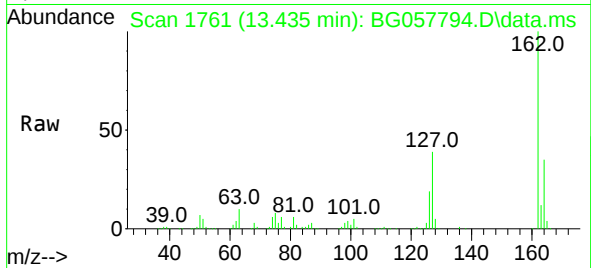
76 14.5 0.0 34.3





#47
2-Chloronaphthalene
Concen: 39.714 ng
RT: 13.435 min Scan# 1761
Delta R.T. -0.006 min
Lab File: BG057794.D
Acq: 21 Jun 2023 21:30

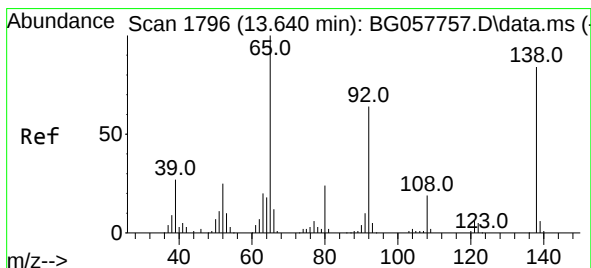
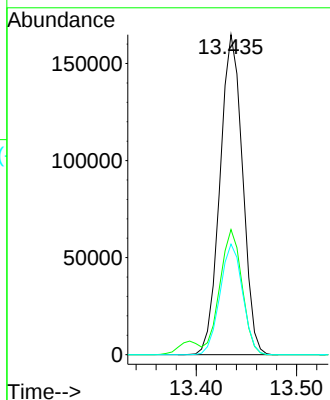
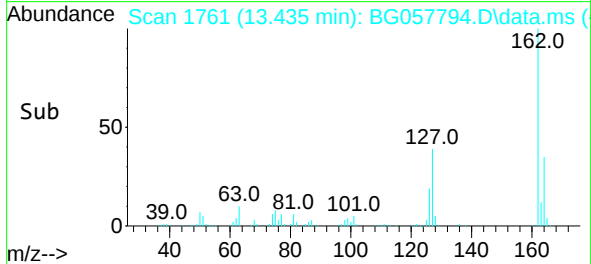
Instrument :
BNA_G
ClientSampleId :
GP-01MSD



Tgt Ion:162 Resp: 257412
Ion Ratio Lower Upper
162 100
127 39.1 32.2 48.2
164 34.5 28.0 42.0

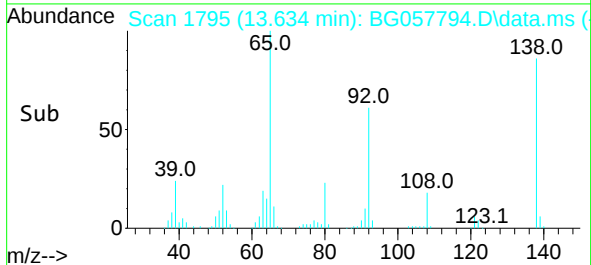
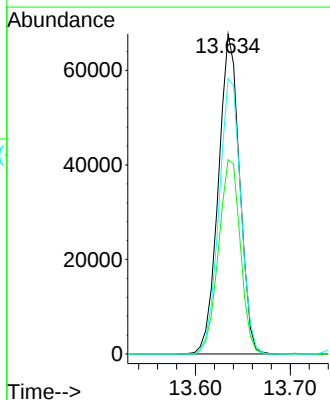
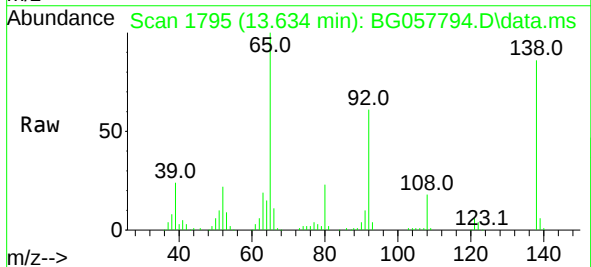
Manual Integrations
APPROVED

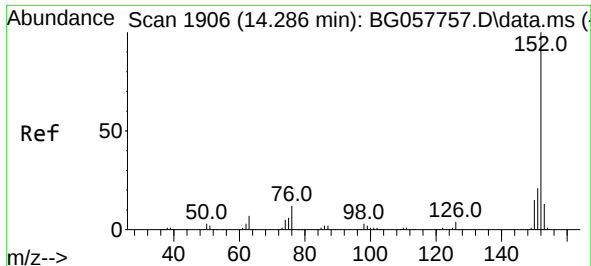
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023



#48
2-Nitroaniline
Concen: 45.650 ng
RT: 13.634 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BG057794.D
Acq: 21 Jun 2023 21:30

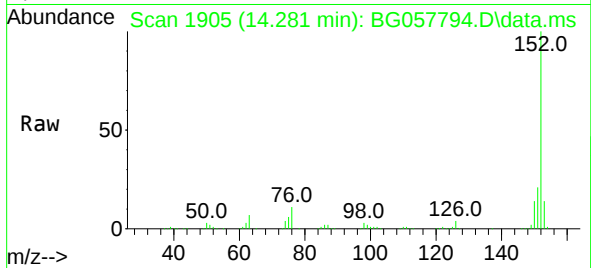
Tgt Ion: 65 Resp: 105150
Ion Ratio Lower Upper
65 100
92 60.7 51.2 76.8
138 86.0 67.2 100.8





#49
Acenaphthylene
Concen: 38.900 ng
RT: 14.281 min Scan# 1906
Delta R.T. -0.006 min
Lab File: BG057794.D
Acq: 21 Jun 2023 21:30

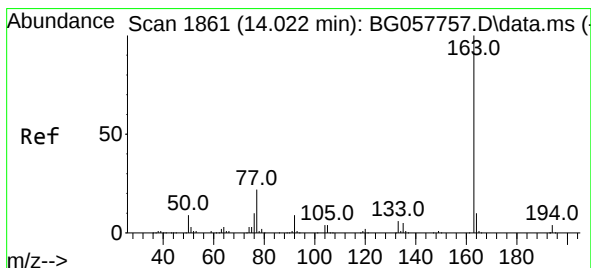
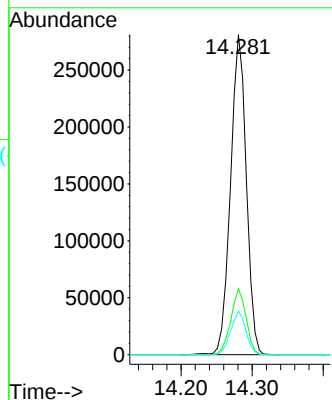
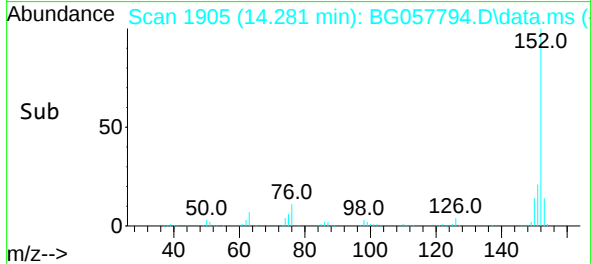
Instrument :
BNA_G
ClientSampleId :
GP-01MSD



Tgt Ion:152 Resp: 432779
Ion Ratio Lower Upper
152 100
151 20.6 17.0 25.4
153 13.6 10.5 15.7

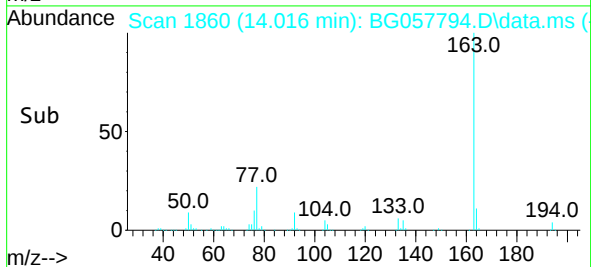
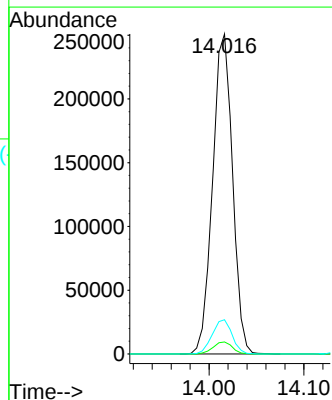
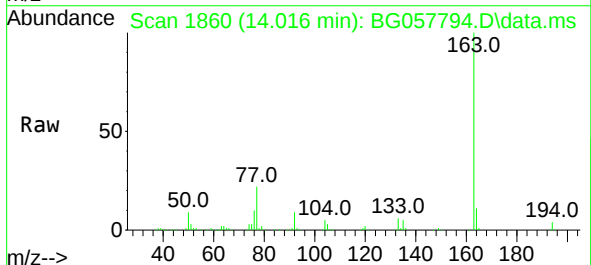
Manual Integrations
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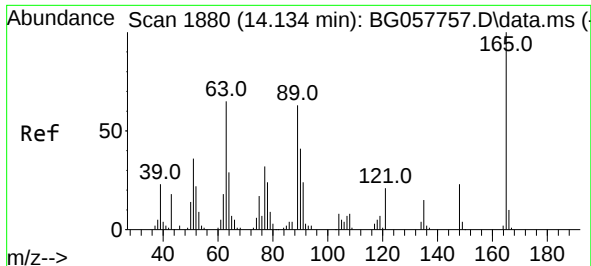
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023



#50
Dimethylphthalate
Concen: 38.797 ng
RT: 14.016 min Scan# 1860
Delta R.T. -0.006 min
Lab File: BG057794.D
Acq: 21 Jun 2023 21:30

Tgt Ion:163 Resp: 366150
Ion Ratio Lower Upper
163 100
194 3.8 2.8 4.2
164 10.7 8.2 12.4





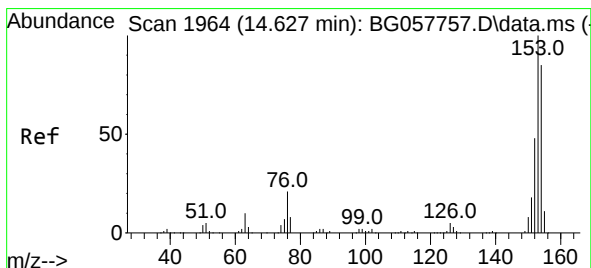
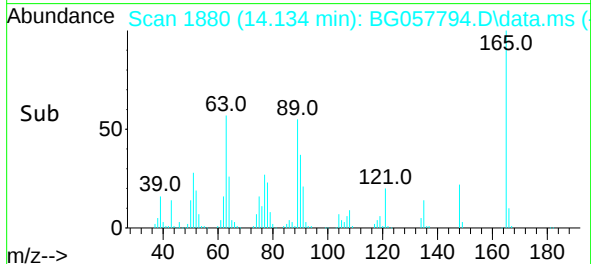
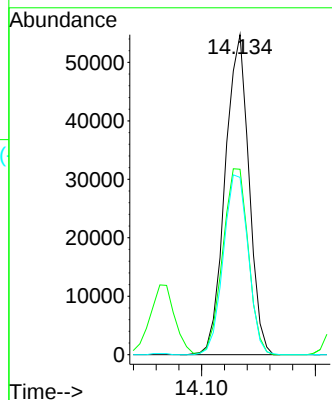
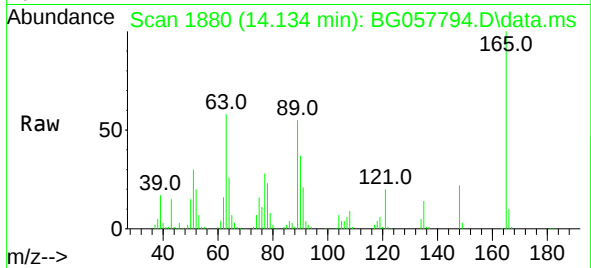
#51
2,6-Dinitrotoluene
Concen: 45.712 ng
RT: 14.134 min Scan# 1880
Delta R.T. -0.000 min
Lab File: BG057794.D
Acq: 21 Jun 2023 21:30

Instrument :
BNA_G
ClientSampleId :
GP-01MSD

Tgt Ion:165 Resp: 7944
Ion Ratio Lower Upper
165 100
63 58.0 52.8 79.2
89 55.4 50.7 76.1

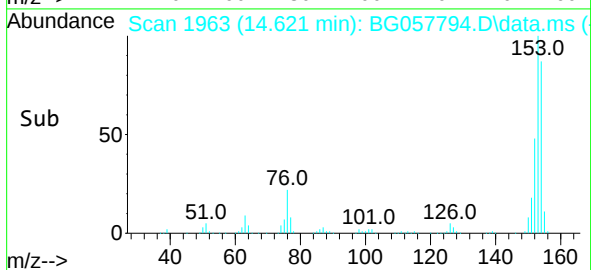
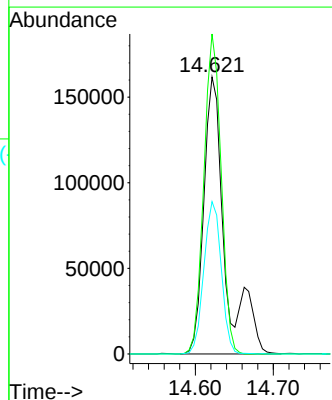
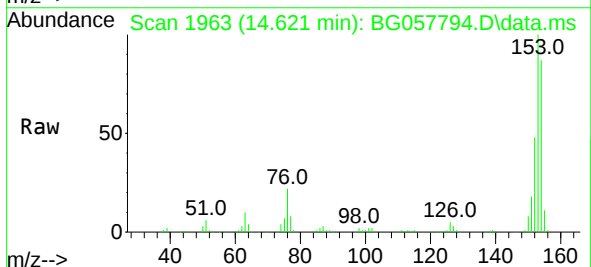
Manual Integrations
APPROVED

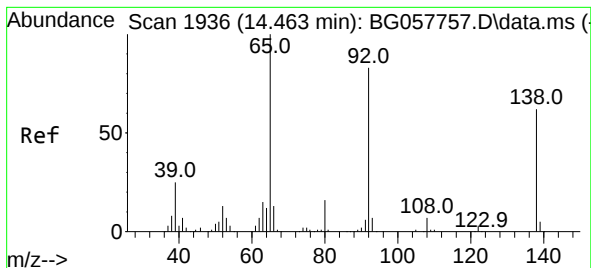
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023



#52
Acenaphthene
Concen: 44.586 ng m
RT: 14.621 min Scan# 1963
Delta R.T. -0.006 min
Lab File: BG057794.D
Acq: 21 Jun 2023 21:30

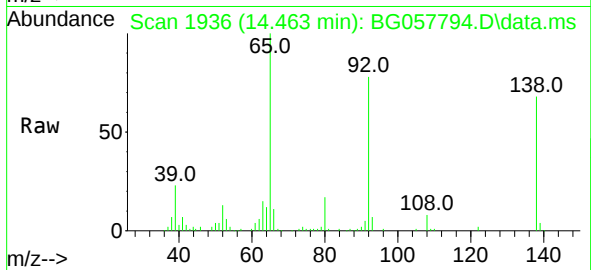
Tgt Ion:154 Resp: 307086
Ion Ratio Lower Upper
154 100
153 115.5 93.6 140.4
152 55.0 44.7 67.1





#53
3-Nitroaniline
Concen: 23.350 ng
RT: 14.463 min Scan# 1936
Delta R.T. 0.000 min
Lab File: BG057794.D
Acq: 21 Jun 2023 21:30

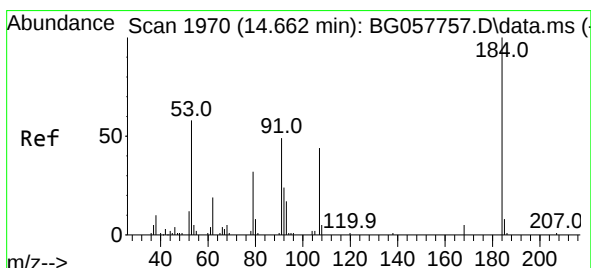
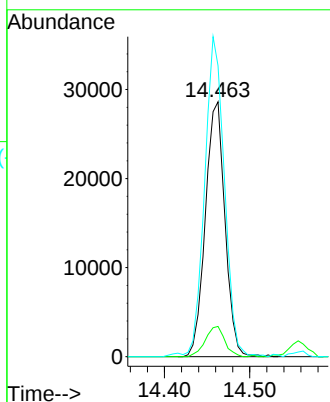
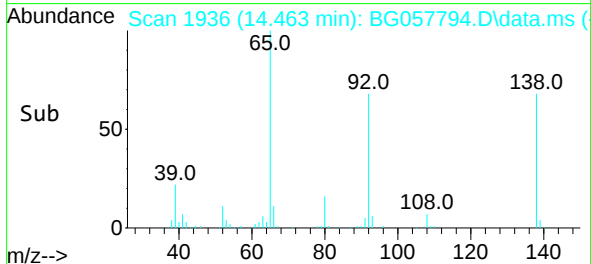
Instrument :
BNA_G
ClientSampleId :
GP-01MSD



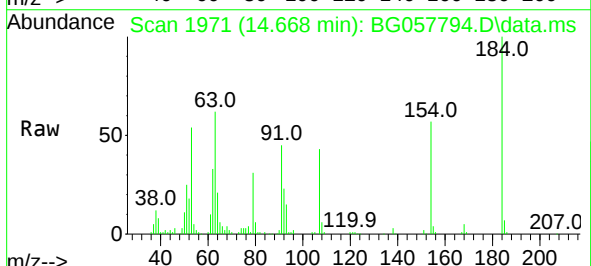
Tgt Ion:138 Resp: 4573
Ion Ratio Lower Upper
138 100
108 11.9 9.1 13.7
92 114.2 106.4 159.6

Manual Integrations
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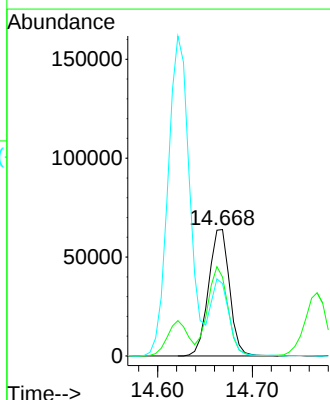
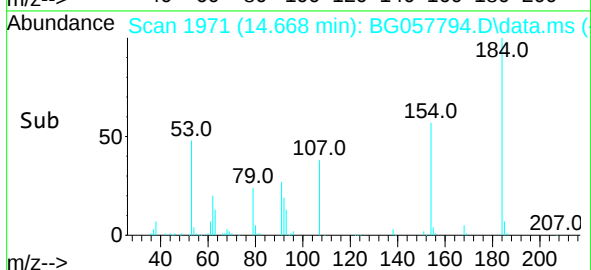
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023

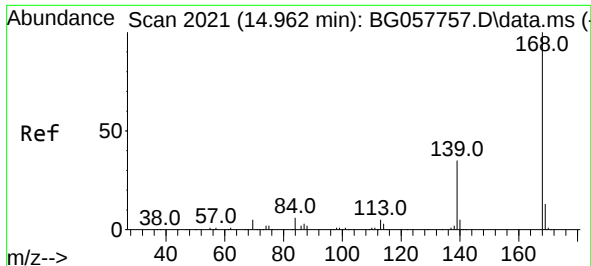


#54
2,4-Dinitrophenol
Concen: 104.369 ng
RT: 14.668 min Scan# 1971
Delta R.T. 0.006 min
Lab File: BG057794.D
Acq: 21 Jun 2023 21:30



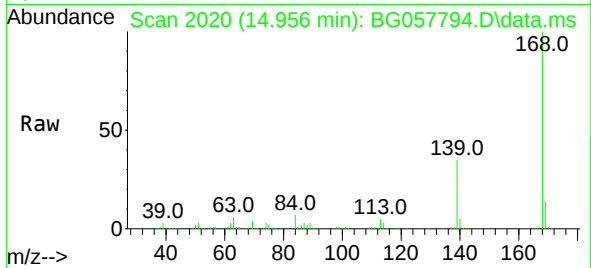
Tgt Ion:184 Resp: 98158
Ion Ratio Lower Upper
184 100
63 62.4 55.2 82.8
154 57.3 47.4 71.0





#55
Dibenzenofuran
Concen: 38.717 ng
RT: 14.956 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BG057794.D
Acq: 21 Jun 2023 21:30

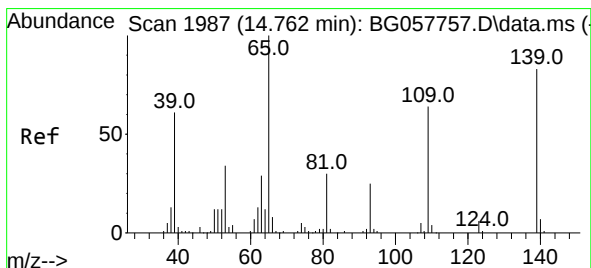
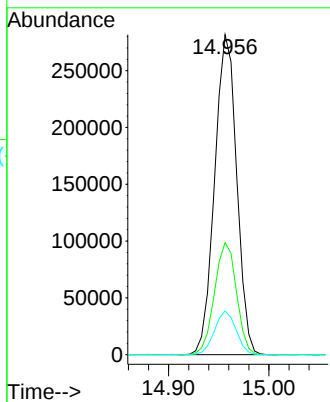
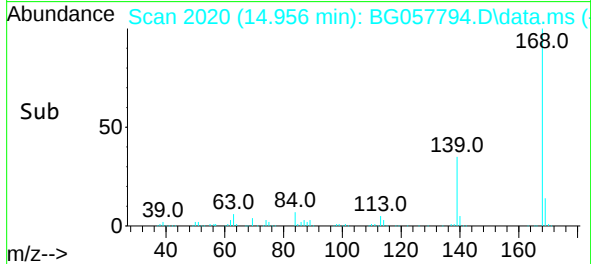
Instrument :
BNA_G
ClientSampleId :
GP-01MSD



Tgt Ion:168 Resp: 428768
Ion Ratio Lower Upper
168 100
139 35.0 28.1 42.1
169 13.7 10.7 16.1

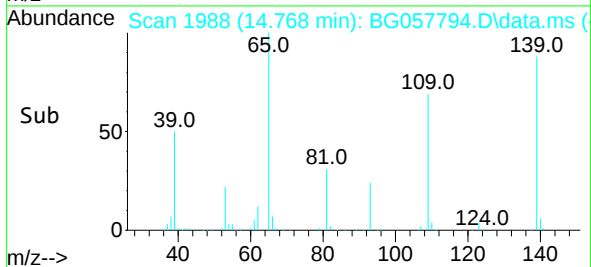
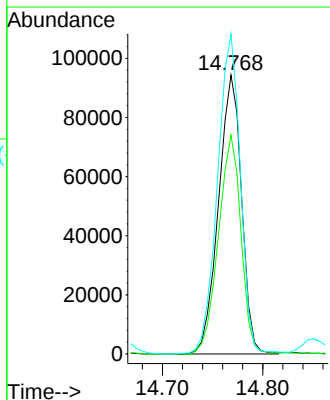
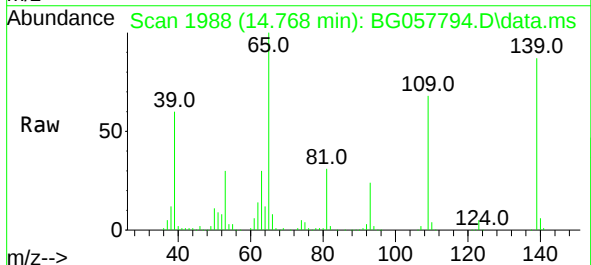
Manual Integrations
APPROVED

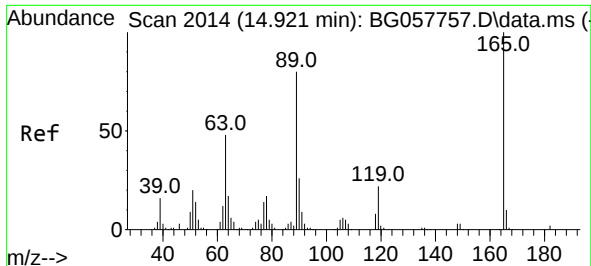
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023



#56
4-Nitrophenol
Concen: 96.310 ng
RT: 14.768 min Scan# 1988
Delta R.T. 0.006 min
Lab File: BG057794.D
Acq: 21 Jun 2023 21:30

Tgt Ion:139 Resp: 149904
Ion Ratio Lower Upper
139 100
109 78.4 57.3 97.3
65 114.8 100.0 140.0





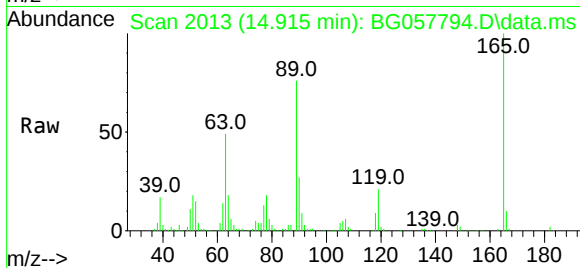
#57
2,4-Dinitrotoluene
Concen: 48.766 ng
RT: 14.915 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BG057794.D
Acq: 21 Jun 2023 21:30

Instrument :

BNA_G

ClientSampleId :

GP-01MSD

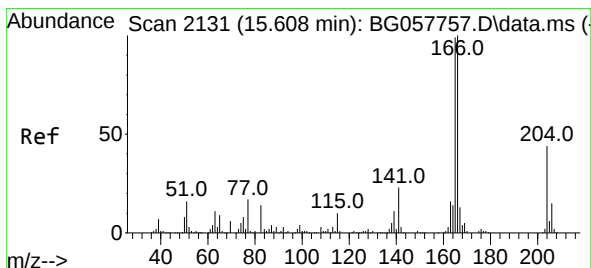
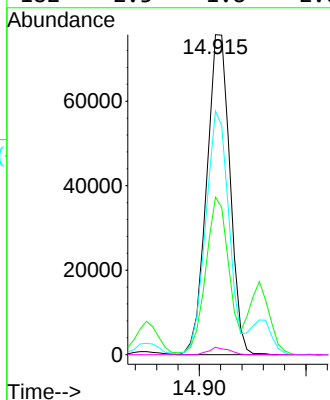
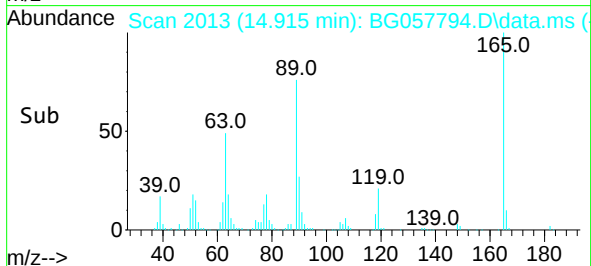


Tgt Ion:165 Resp: 114929
Ion Ratio Lower Upper
165 100
63 49.2 38.6 58.0
89 76.2 63.7 95.5
182 2.3 1.8 2.6

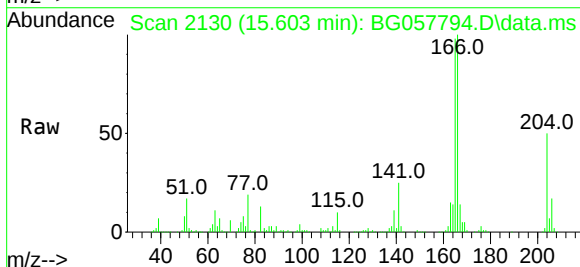
Manual Integrations

APPROVED

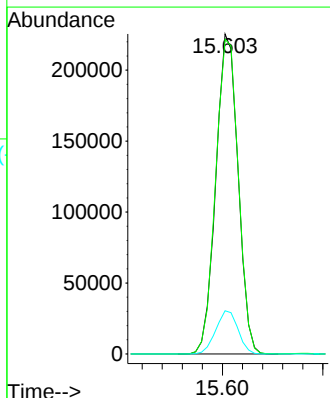
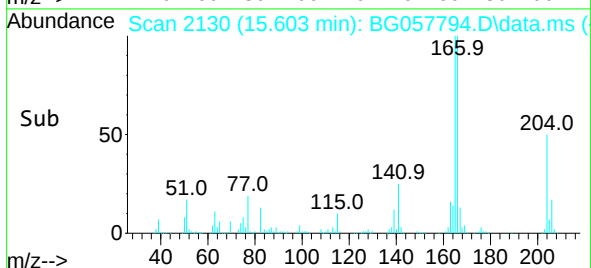
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023

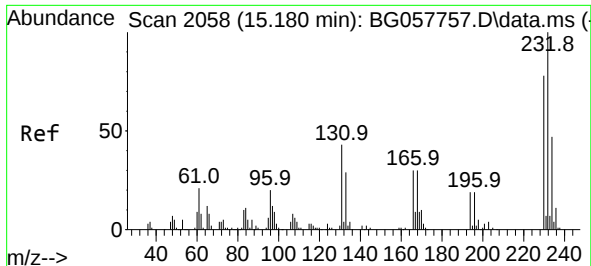


#58
Fluorene
Concen: 39.398 ng
RT: 15.603 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BG057794.D
Acq: 21 Jun 2023 21:30



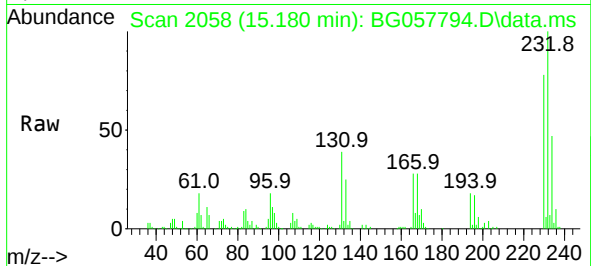
Tgt Ion:166 Resp: 345378
Ion Ratio Lower Upper
166 100
165 98.3 79.5 119.3
167 13.5 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.077 ng
RT: 15.180 min Scan# 2058
Delta R.T. 0.000 min
Lab File: BG057794.D
Acq: 21 Jun 2023 21:30

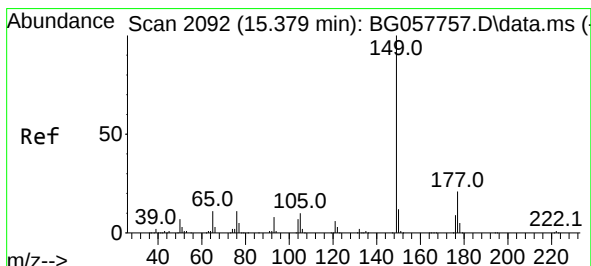
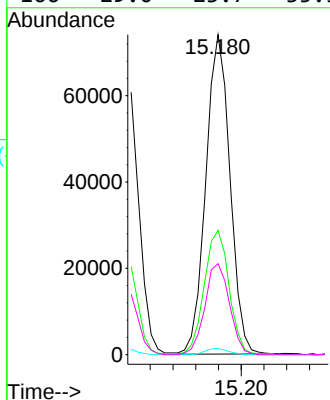
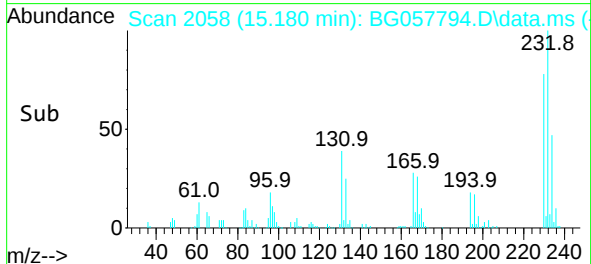
Instrument :
BNA_G
ClientSampleId :
GP-01MSD



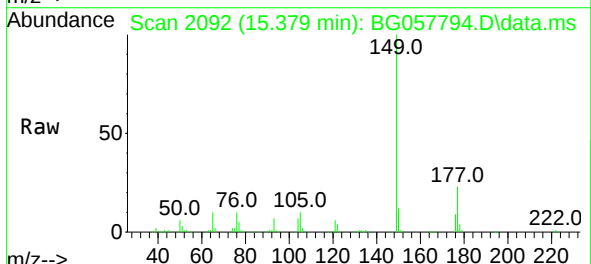
Tgt Ion:232 Resp: 109220
Ion Ratio Lower Upper
232 100
131 40.2 31.9 47.9
130 1.9 1.6 2.4
166 29.0 23.7 35.5

Manual Integrations
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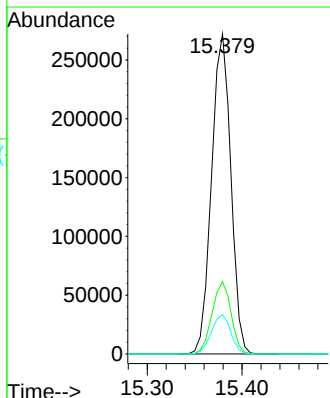
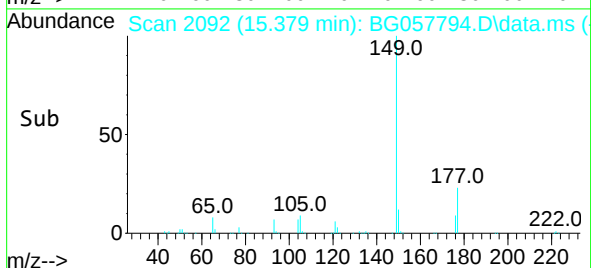
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023

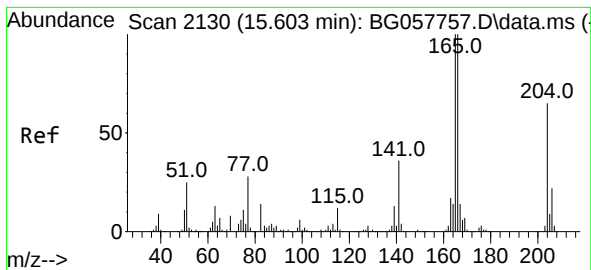


#60
Diethylphthalate
Concen: 39.660 ng
RT: 15.379 min Scan# 2092
Delta R.T. 0.000 min
Lab File: BG057794.D
Acq: 21 Jun 2023 21:30



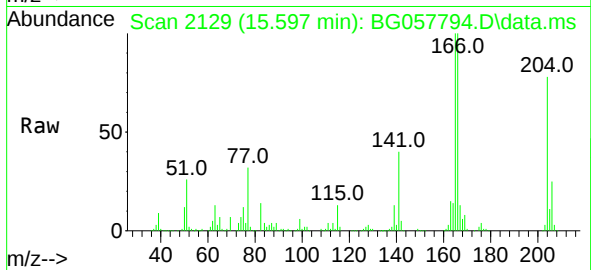
Tgt Ion:149 Resp: 383993
Ion Ratio Lower Upper
149 100
177 22.7 17.0 25.6
150 12.3 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 39.634 ng
RT: 15.597 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BG057794.D
Acq: 21 Jun 2023 21:30

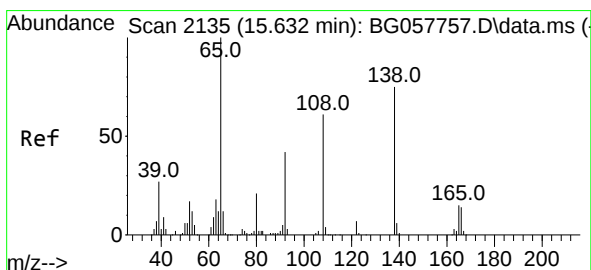
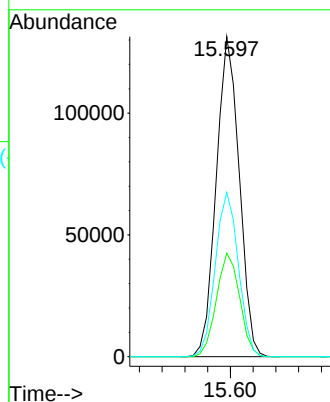
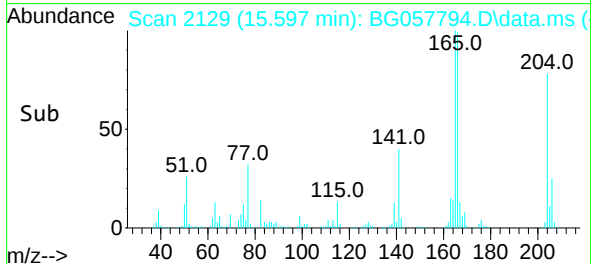
Instrument :
BNA_G
ClientSampleId :
GP-01MSD



Tgt Ion:204 Resp: 18474
Ion Ratio Lower Upper
204 100
206 32.3 26.9 40.3
141 51.3 44.3 66.5

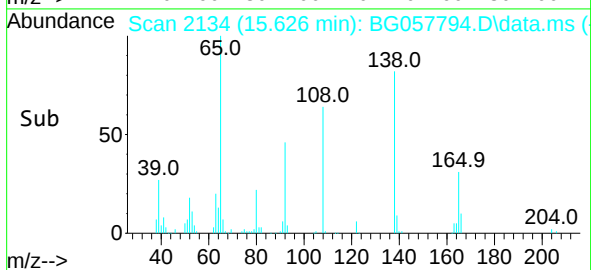
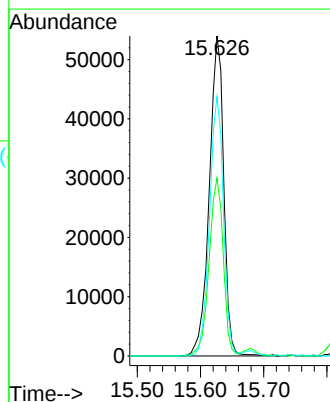
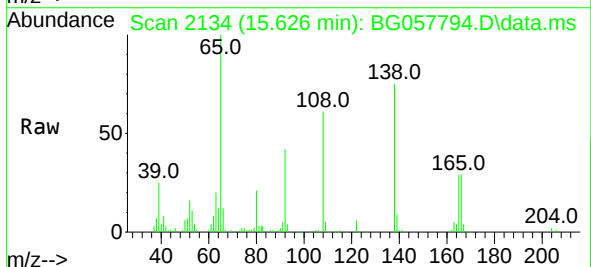
Manual Integrations
APPROVED

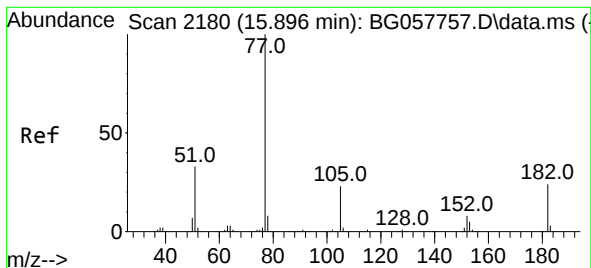
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023



#62
4-Nitroaniline
Concen: 42.925 ng
RT: 15.626 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BG057794.D
Acq: 21 Jun 2023 21:30

Tgt Ion:138 Resp: 85705
Ion Ratio Lower Upper
138 100
92 55.7 35.9 75.9
108 81.1 62.1 102.1





#63

Azobenzene

Concen: 40.499 ng

RT: 15.890 min Scan# 2180

Delta R.T. -0.006 min

Lab File: BG057794.D

Acq: 21 Jun 2023 21:30

Instrument :

BNA_G

ClientSampleId :

GP-01MSD

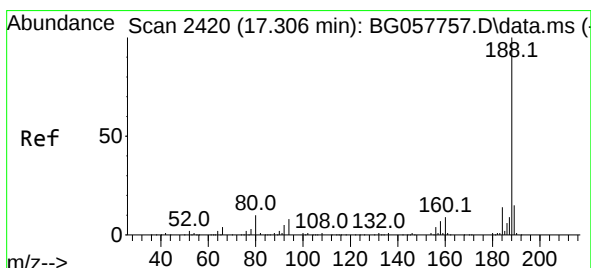
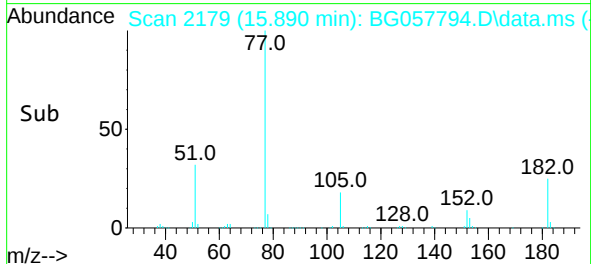
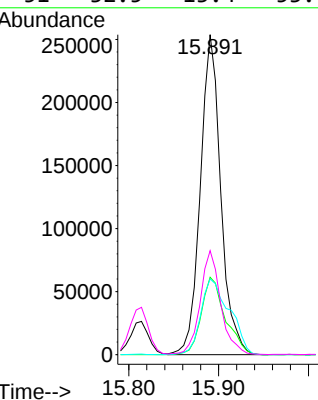
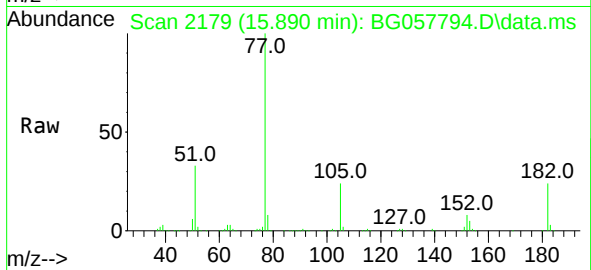
Tgt Ion: 77	Resp: 40109
Ion Ratio	Lower Upper
77 100	
182 24.2	4.1 44.1
105 23.6	3.3 43.3
51 32.5	13.4 53.4

Manual Integrations

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Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/27/2023



#64

Phenanthrene-d10

Concen: 20.000 ng

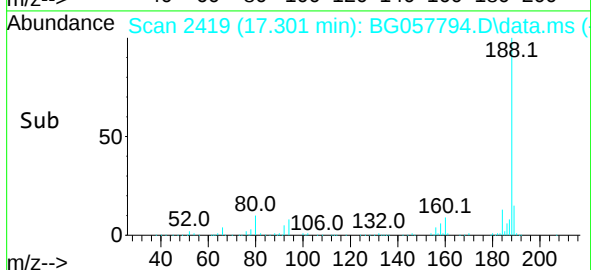
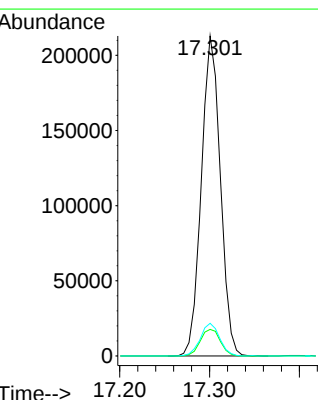
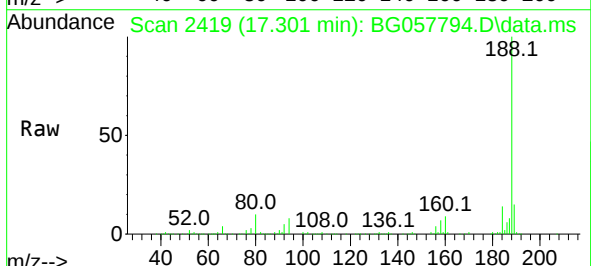
RT: 17.301 min Scan# 2419

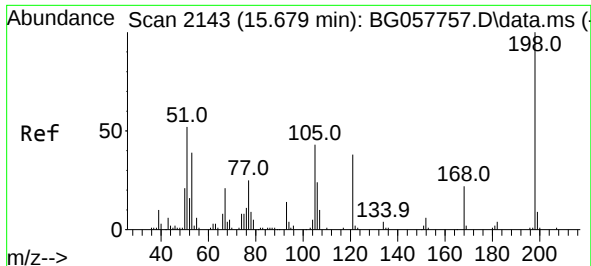
Delta R.T. -0.006 min

Lab File: BG057794.D

Acq: 21 Jun 2023 21:30

Tgt Ion:188	Resp: 313189
Ion Ratio	Lower Upper
188 100	
94 8.3	6.6 9.8
80 10.2	7.6 11.4





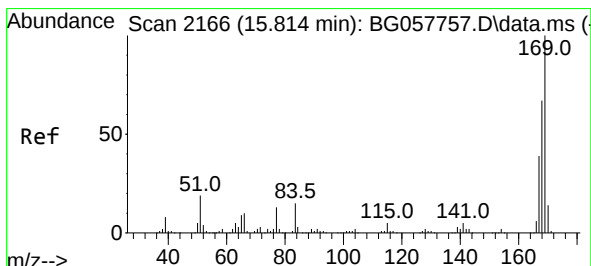
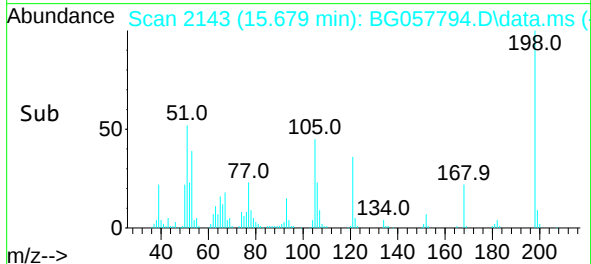
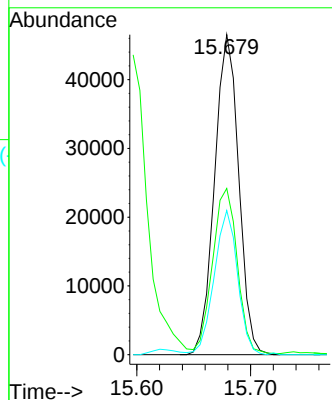
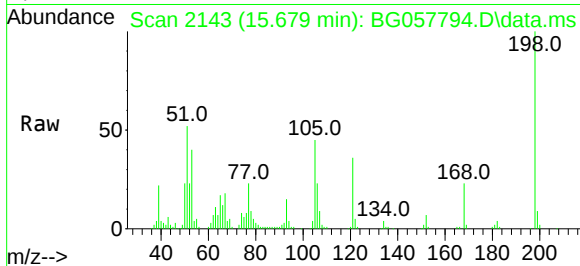
#65
4,6-Dinitro-2-methylphenol
Concen: 47.745 ng
RT: 15.679 min Scan# 2143
Delta R.T. -0.000 min
Lab File: BG057794.D
Acq: 21 Jun 2023 21:30

Instrument :
BNA_G
ClientSampleId :
GP-01MSD

Tgt Ion:198 Resp: 68648
Ion Ratio Lower Upper
198 100
51 52.0 36.6 76.6
105 45.1 24.3 64.3

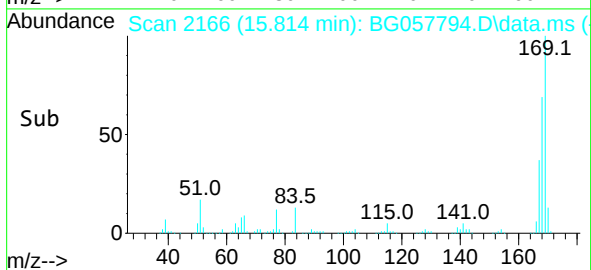
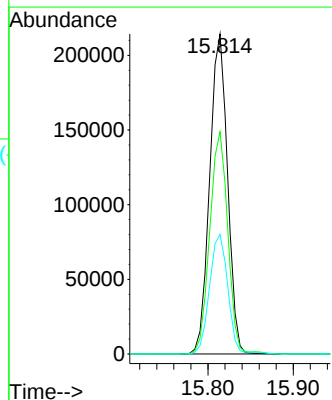
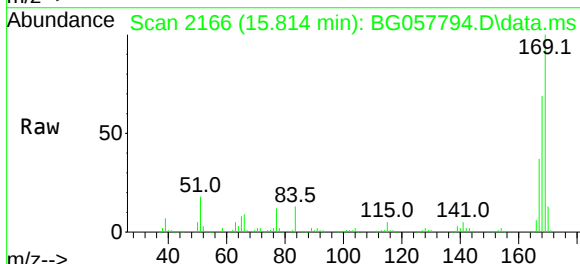
Manual Integrations
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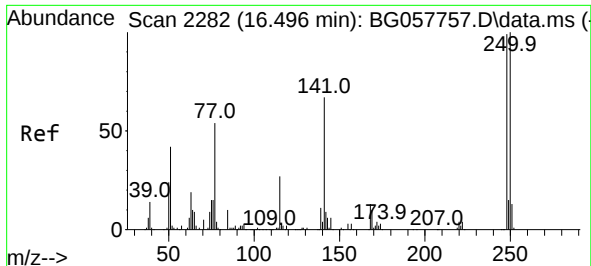
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023



#66
n-Nitrosodiphenylamine
Concen: 37.624 ng
RT: 15.814 min Scan# 2166
Delta R.T. 0.000 min
Lab File: BG057794.D
Acq: 21 Jun 2023 21:30

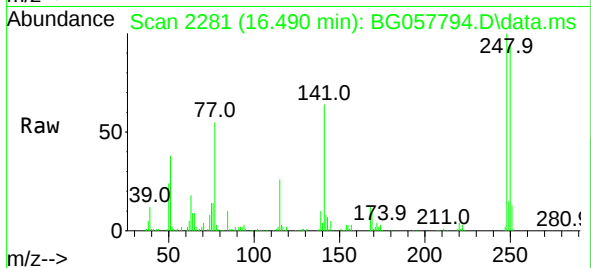
Tgt Ion:169 Resp: 311003
Ion Ratio Lower Upper
169 100
168 69.5 53.4 80.2
167 37.3 31.2 46.8





#67
4-Bromophenyl-phenylether
Concen: 38.260 ng
RT: 16.490 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG057794.D
Acq: 21 Jun 2023 21:30

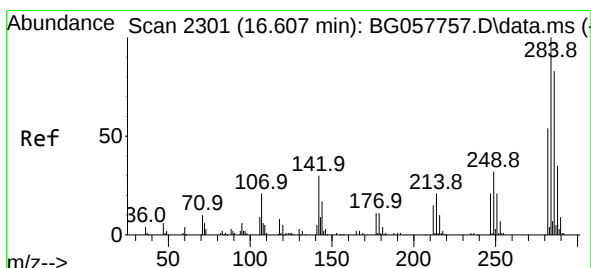
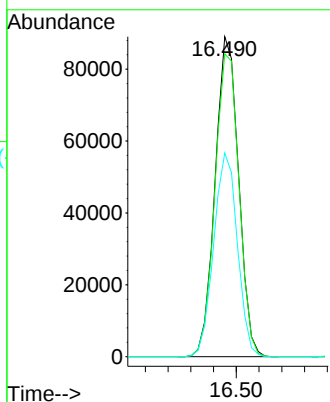
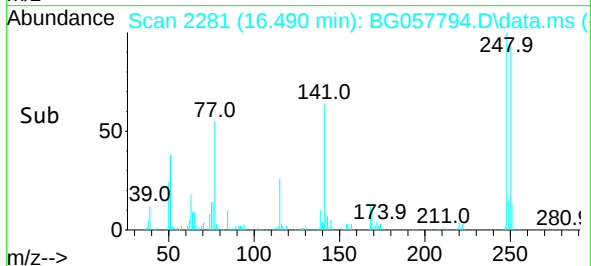
Instrument :
BNA_G
ClientSampleId :
GP-01MSD



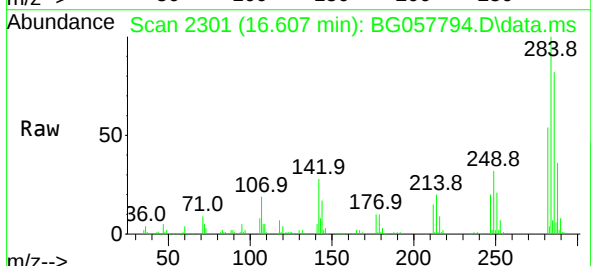
Tgt Ion:248 Resp: 127080
Ion Ratio Lower Upper
248 100
250 94.7 81.1 121.7
141 63.7 54.6 81.8

Manual Integrations
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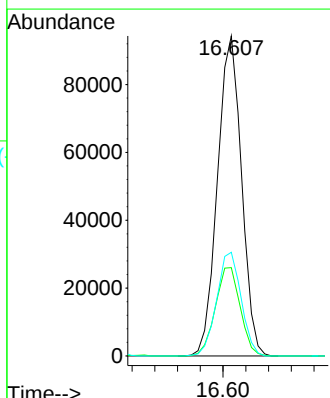
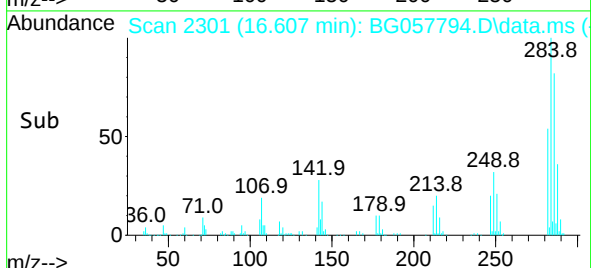
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023

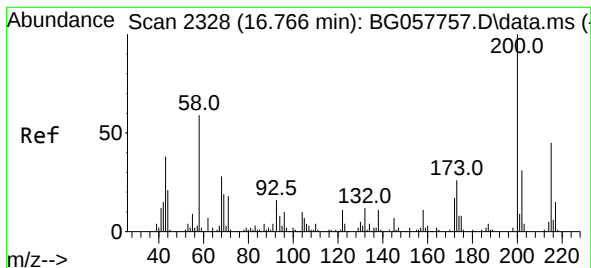


#68
Hexachlorobenzene
Concen: 40.902 ng
RT: 16.607 min Scan# 2301
Delta R.T. 0.000 min
Lab File: BG057794.D
Acq: 21 Jun 2023 21:30



Tgt Ion:284 Resp: 138497
Ion Ratio Lower Upper
284 100
142 27.6 24.2 36.4
249 32.4 25.9 38.9





#69

Atrazine

Concen: 46.566 ng

RT: 16.760 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG057794.D

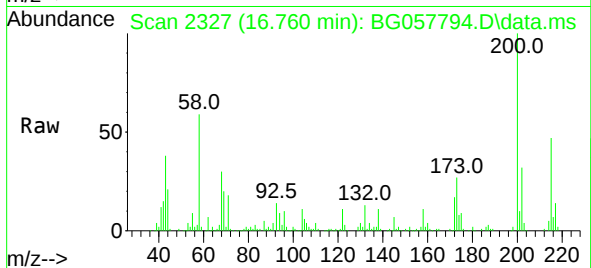
Acq: 21 Jun 2023 21:30

Instrument :

BNA_G

ClientSampleId :

GP-01MSD



Tgt Ion:200 Resp: 132130

Ion Ratio Lower Upper

200 100

173 26.8 5.6 45.6

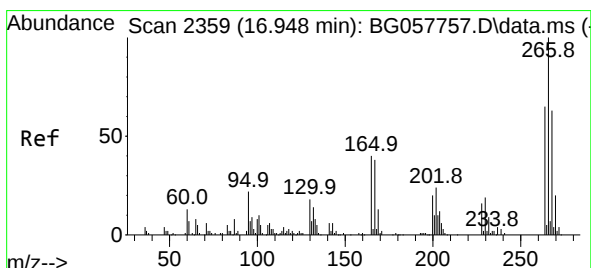
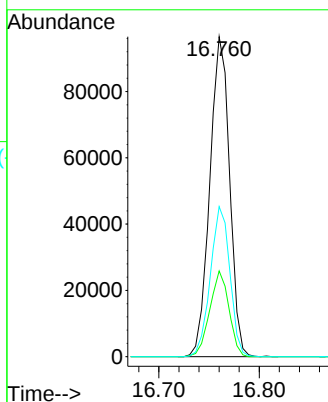
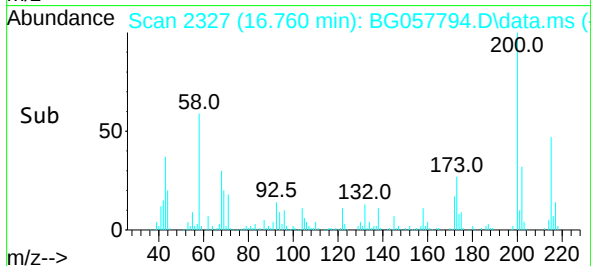
215 46.9 24.6 64.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/27/2023



#70

Pentachlorophenol

Concen: 75.299 ng

RT: 16.948 min Scan# 2359

Delta R.T. 0.000 min

Lab File: BG057794.D

Acq: 21 Jun 2023 21:30

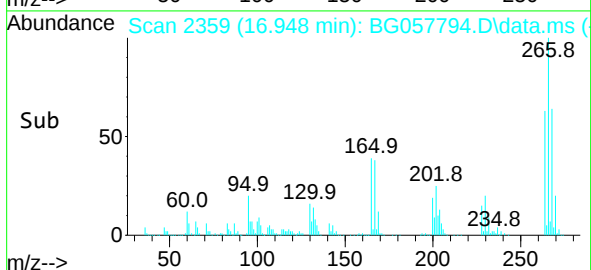
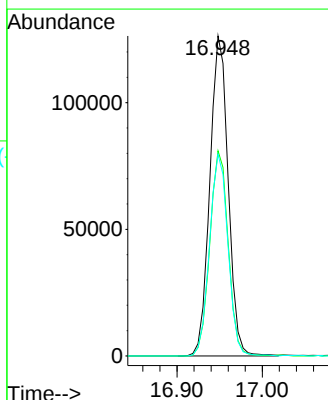
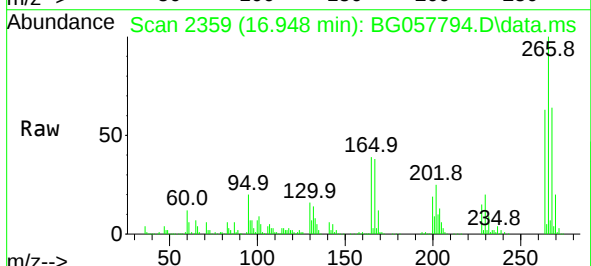
Tgt Ion:266 Resp: 188360

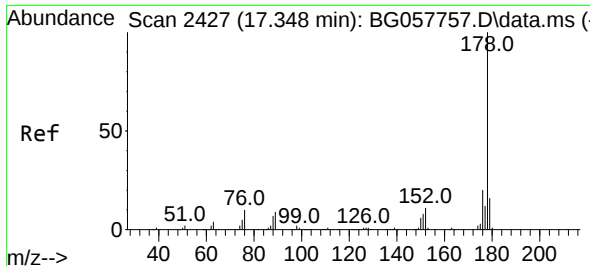
Ion Ratio Lower Upper

266 100

268 64.1 50.5 75.7

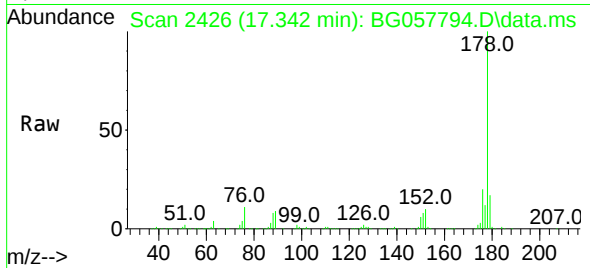
264 63.0 51.8 77.6





#71
Phenanthrene
Concen: 37.998 ng
RT: 17.342 min Scan# 2427
Delta R.T. -0.006 min
Lab File: BG057794.D
Acq: 21 Jun 2023 21:30

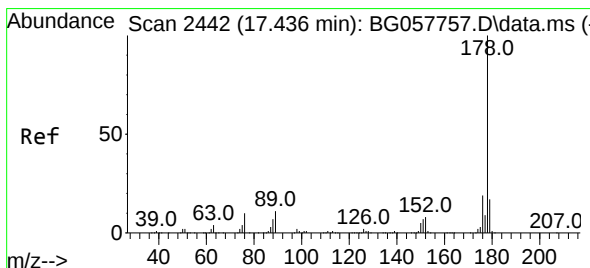
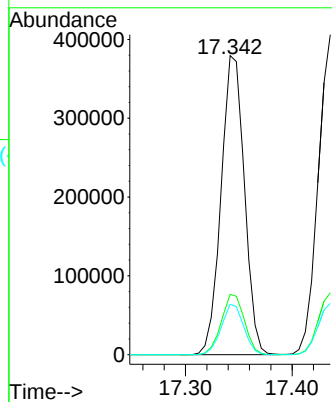
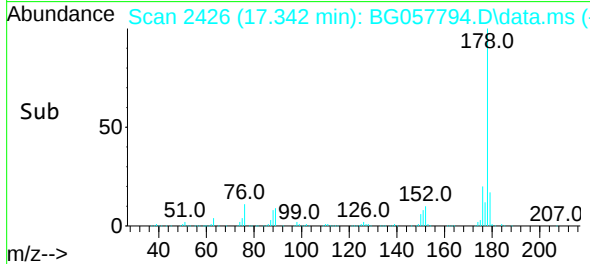
Instrument :
BNA_G
ClientSampleId :
GP-01MSD



Tgt Ion:178 Resp: 576204
Ion Ratio Lower Upper
178 100
176 20.2 16.3 24.5
179 16.9 13.0 19.6

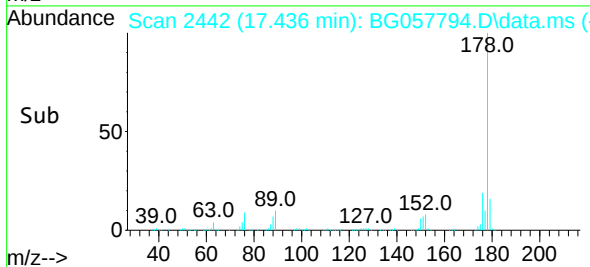
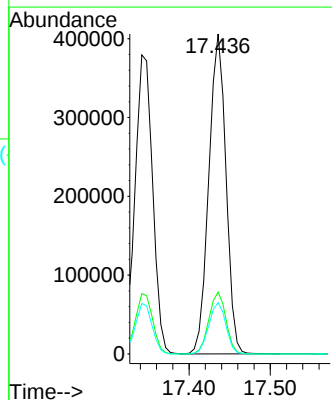
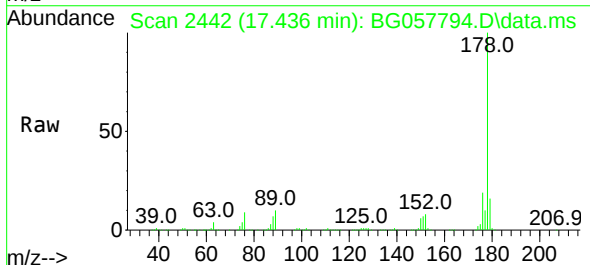
Manual Integrations
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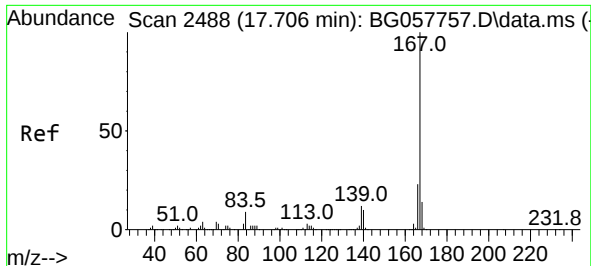
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023



#72
Anthracene
Concen: 38.329 ng
RT: 17.436 min Scan# 2442
Delta R.T. 0.000 min
Lab File: BG057794.D
Acq: 21 Jun 2023 21:30

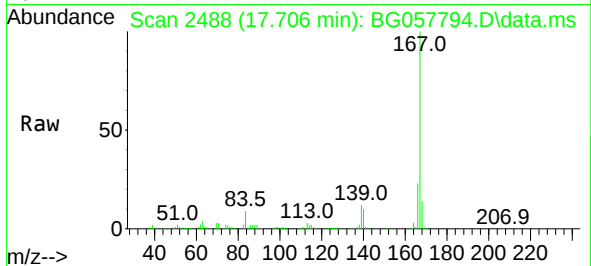
Tgt Ion:178 Resp: 593500
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 16.1 13.3 19.9





#73
 Carbazole
 Concen: 39.183 ng
 RT: 17.706 min Scan# 2488
 Delta R.T. 0.000 min
 Lab File: BG057794.D
 Acq: 21 Jun 2023 21:30

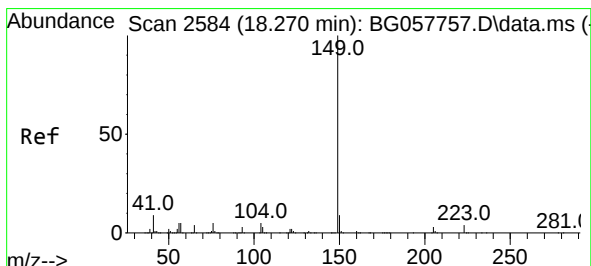
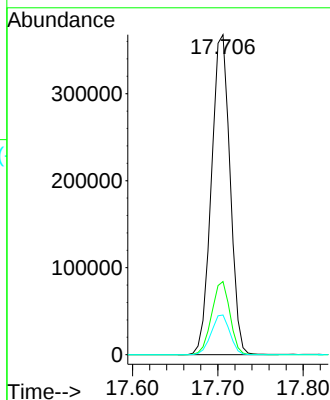
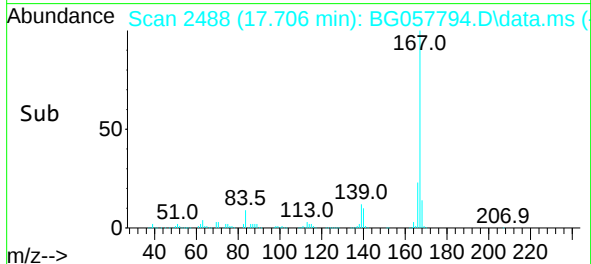
Instrument :
 BNA_G
 ClientSampleId :
 GP-01MSD



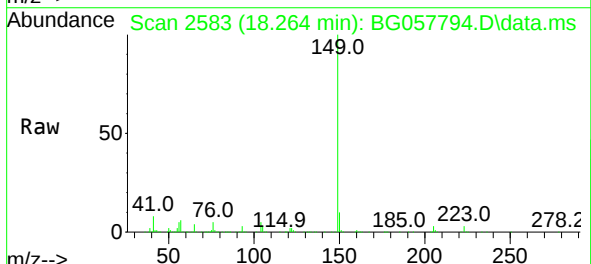
Tgt Ion:167 Resp: 559424
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.4 27.6
 139 12.4 9.9 14.9

Manual Integrations
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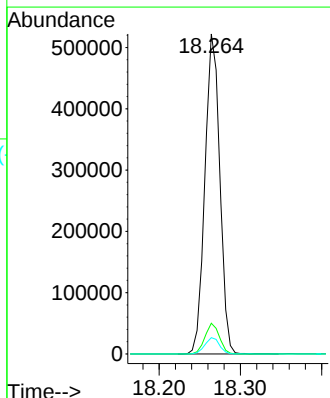
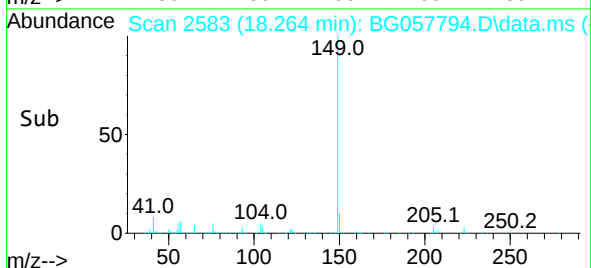
Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/27/2023

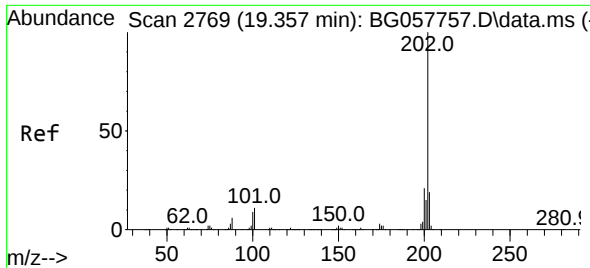


#74
 Di-n-butylphthalate
 Concen: 39.241 ng
 RT: 18.264 min Scan# 2583
 Delta R.T. -0.006 min
 Lab File: BG057794.D
 Acq: 21 Jun 2023 21:30



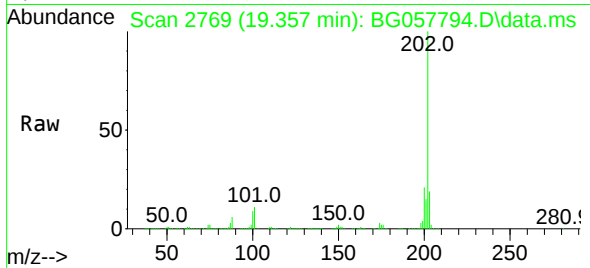
Tgt Ion:149 Resp: 663362
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.5 11.3
 104 5.1 4.1 6.1





#75
Fluoranthene
Concen: 37.866 ng
RT: 19.357 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG057794.D
Acq: 21 Jun 2023 21:30

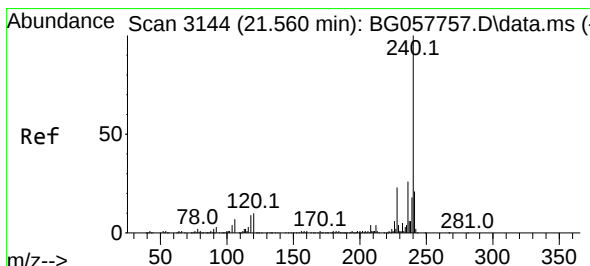
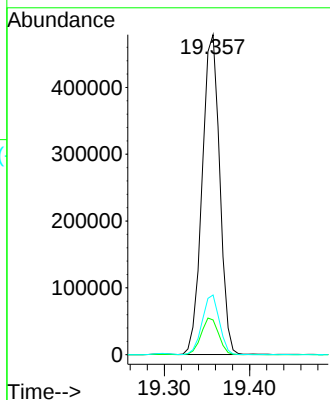
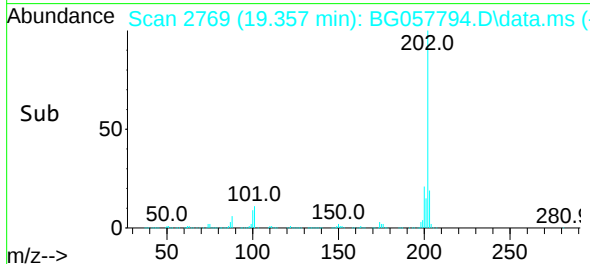
Instrument :
BNA_G
ClientSampleId :
GP-01MSD



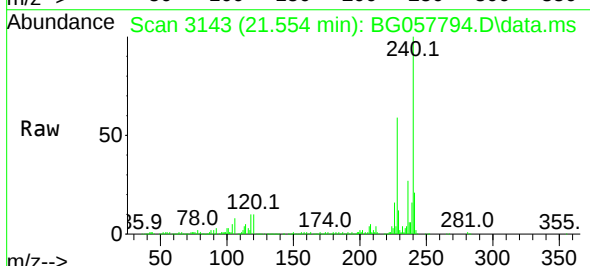
Tgt Ion:202 Resp: 684040
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.3
203 18.7 0.0 38.7

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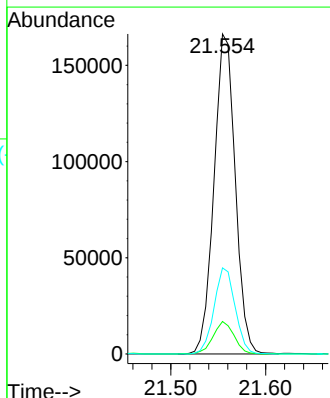
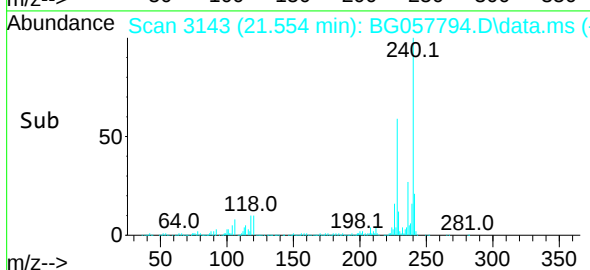
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023

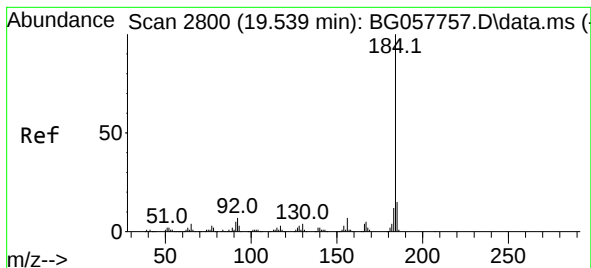


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.554 min Scan# 3143
Delta R.T. -0.006 min
Lab File: BG057794.D
Acq: 21 Jun 2023 21:30



Tgt Ion:240 Resp: 259039
Ion Ratio Lower Upper
240 100
120 10.2 8.1 12.1
236 26.9 20.6 30.8





#77

Benzidine

Concen: 37.050 ng

RT: 19.533 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG057794.D

Acq: 21 Jun 2023 21:30

Instrument :

BNA_G

ClientSampleId :

GP-01MSD

Tgt Ion:184 Resp: 224975

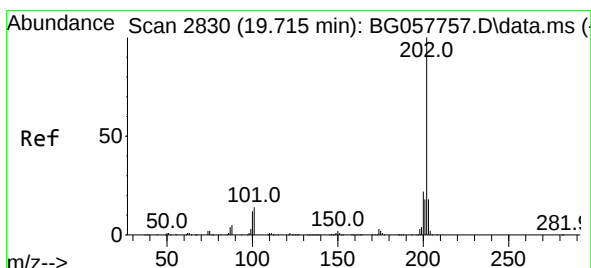
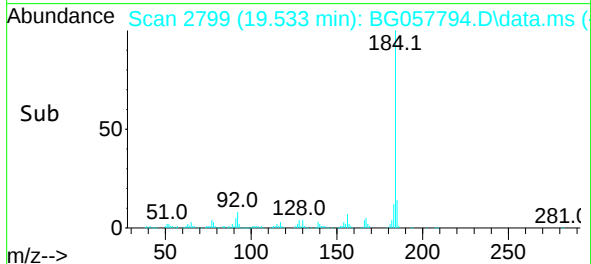
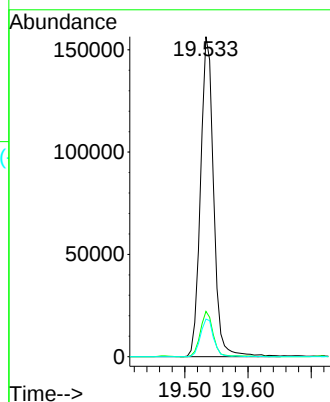
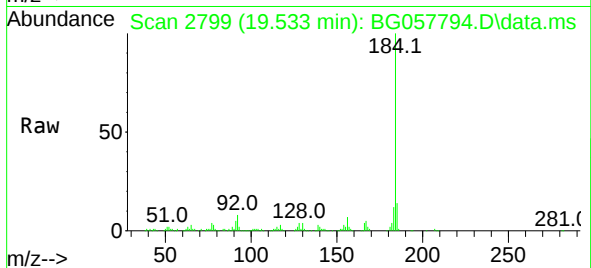
Ion	Ratio	Lower	Upper
184	100		
185	14.2	12.0	18.0
183	11.7	9.4	14.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/27/2023



#78

Pyrene

Concen: 38.434 ng

RT: 19.715 min Scan# 2830

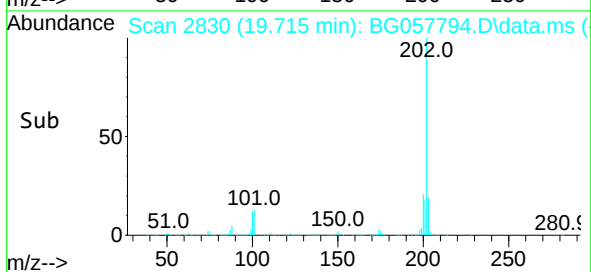
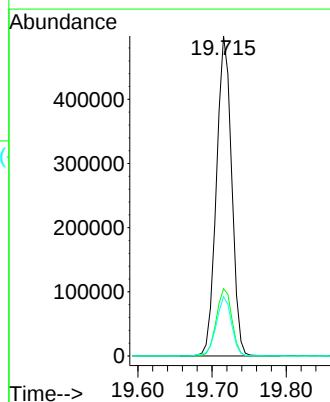
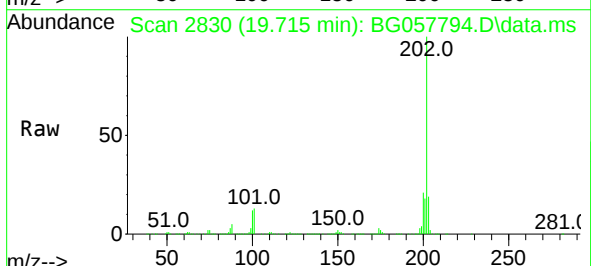
Delta R.T. 0.000 min

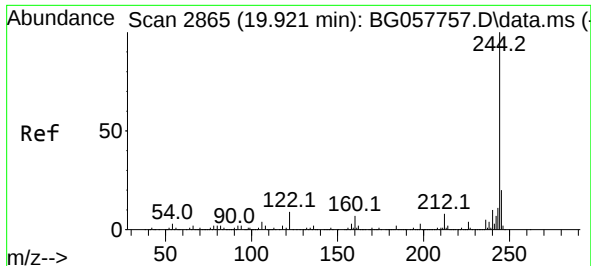
Lab File: BG057794.D

Acq: 21 Jun 2023 21:30

Tgt Ion:202 Resp: 710211

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.4	26.0
203	18.5	14.6	22.0





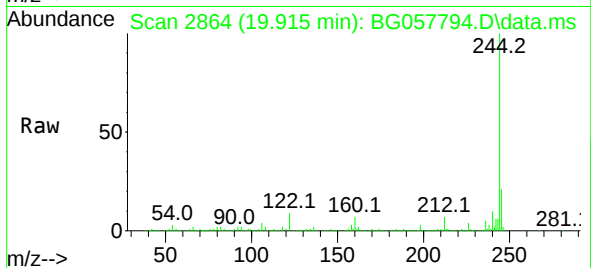
#79
 Terphenyl-d14
 Concen: 74.166 ng
 RT: 19.915 min Scan# 2864
 Delta R.T. -0.006 min
 Lab File: BG057794.D
 Acq: 21 Jun 2023 21:30

Instrument :

BNA_G

ClientSampleId :

GP-01MSD

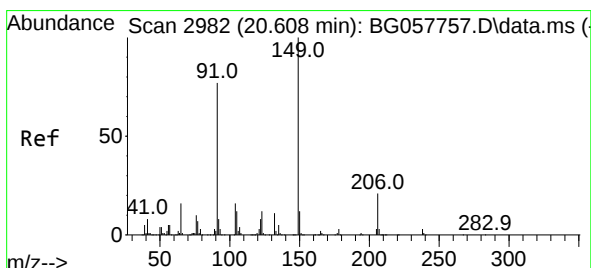
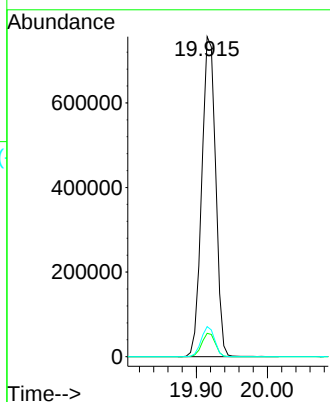
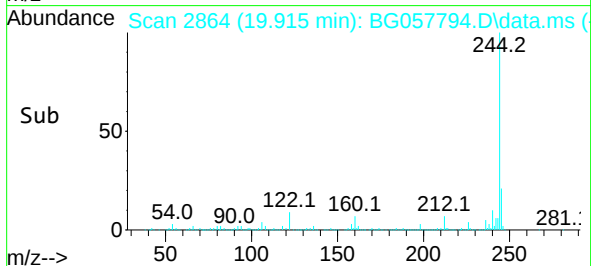


Tgt Ion:244 Resp: 1030310
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 9.4 7.6 11.4

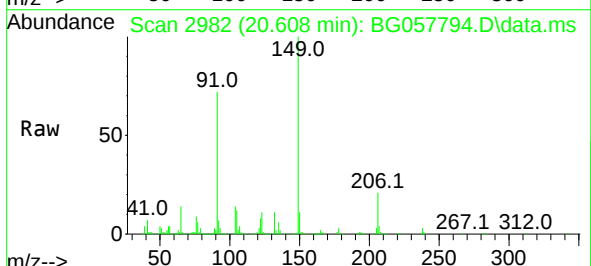
Manual Integrations

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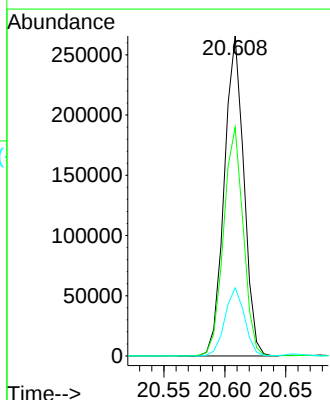
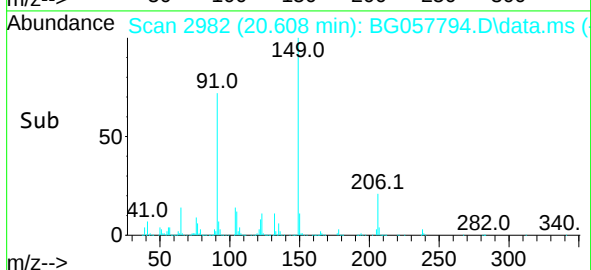
Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/27/2023

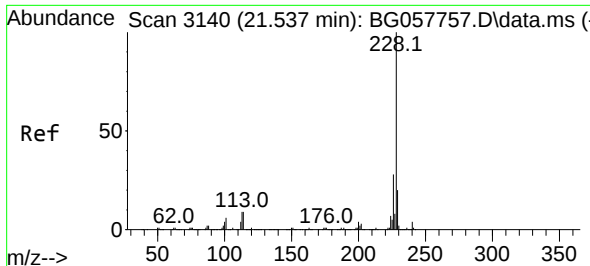


#80
 Butylbenzylphthalate
 Concen: 42.314 ng
 RT: 20.608 min Scan# 2982
 Delta R.T. 0.000 min
 Lab File: BG057794.D
 Acq: 21 Jun 2023 21:30



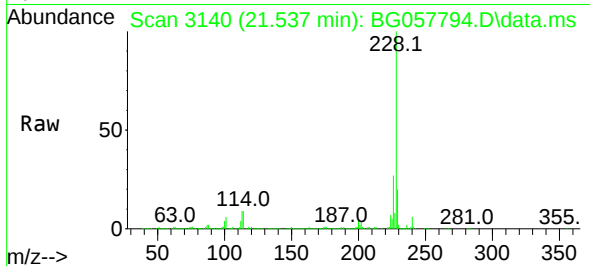
Tgt Ion:149 Resp: 297442
 Ion Ratio Lower Upper
 149 100
 91 71.5 61.7 92.5
 206 21.3 16.6 24.8





#81
Benzo(a)anthracene
Concen: 39.462 ng
RT: 21.537 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BG057794.D
Acq: 21 Jun 2023 21:30

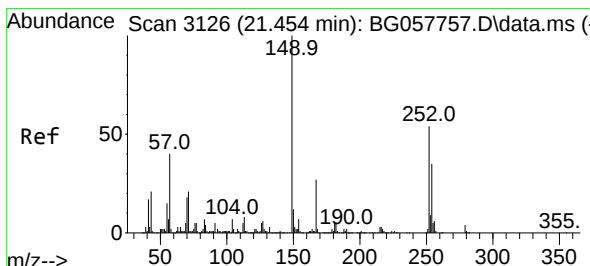
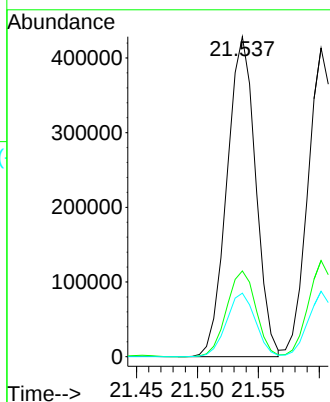
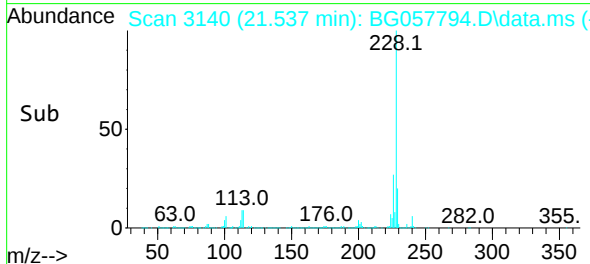
Instrument :
BNA_G
ClientSampleId :
GP-01MSD



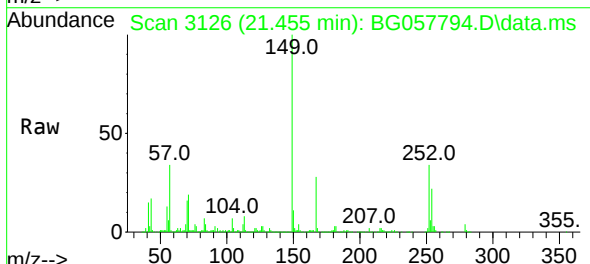
Tgt Ion:228 Resp: 701335
Ion Ratio Lower Upper
228 100
226 26.8 22.3 33.5
229 19.8 16.3 24.5

Manual Integrations
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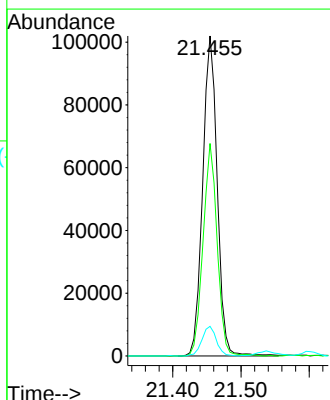
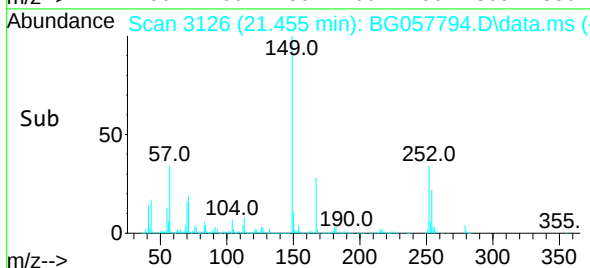
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023

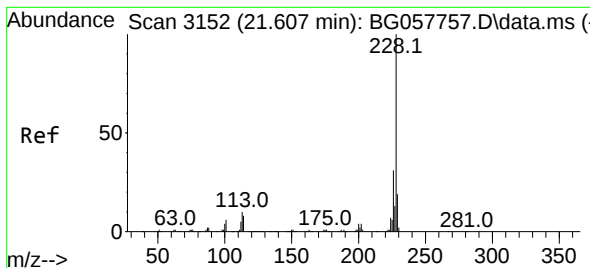


#82
3,3'-Dichlorobenzidine
Concen: 24.992 ng
RT: 21.455 min Scan# 3126
Delta R.T. 0.000 min
Lab File: BG057794.D
Acq: 21 Jun 2023 21:30



Tgt Ion:252 Resp: 151070
Ion Ratio Lower Upper
252 100
254 66.4 51.0 76.6
126 9.2 7.0 10.6





#83

Chrysene

Concen: 37.809 ng

RT: 21.601 min Scan# 3151

Delta R.T. -0.006 min

Lab File: BG057794.D

Acq: 21 Jun 2023 21:30

Instrument :

BNA_G

ClientSampleId :

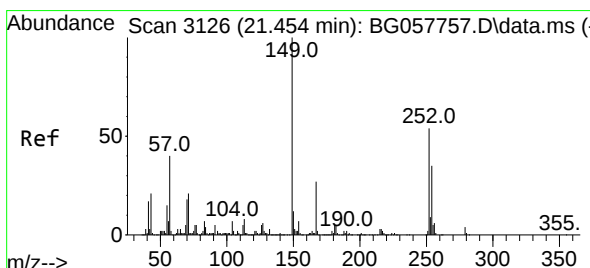
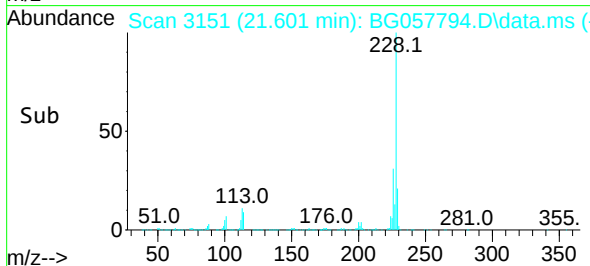
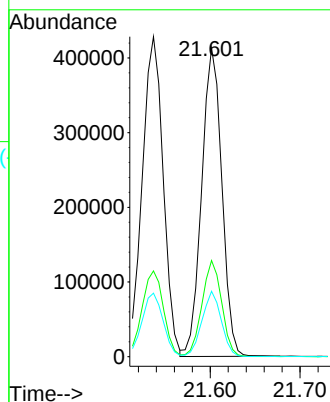
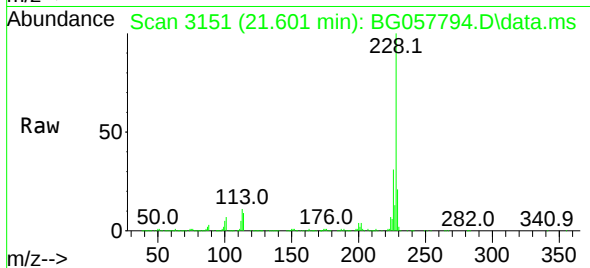
GP-01MSD

Tgt Ion:228 Resp: 644870
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.8 37.2
 229 21.2 15.6 23.4

Manual Integrations

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Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/27/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.056 ng

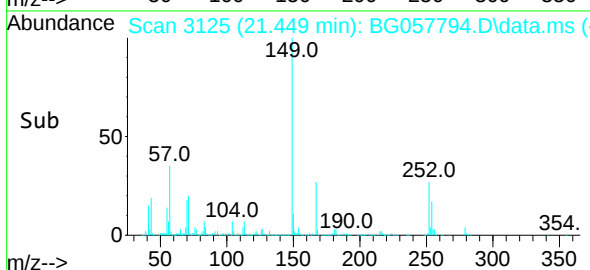
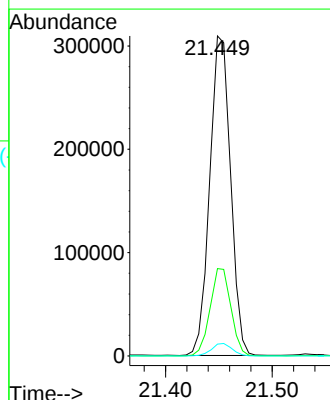
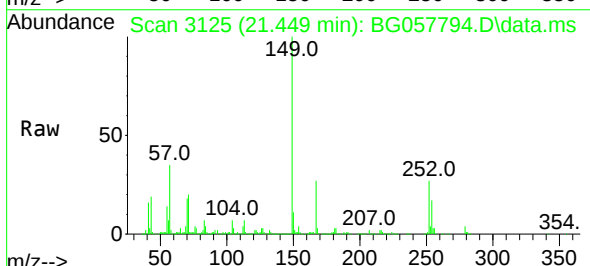
RT: 21.449 min Scan# 3125

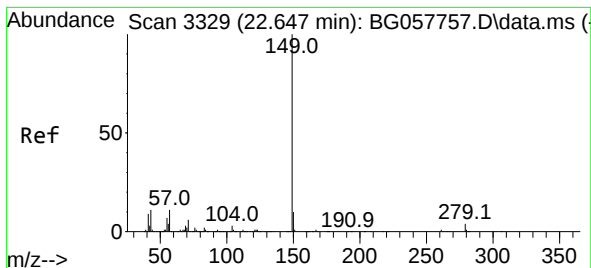
Delta R.T. -0.006 min

Lab File: BG057794.D

Acq: 21 Jun 2023 21:30

Tgt Ion:149 Resp: 419009
 Ion Ratio Lower Upper
 149 100
 167 27.3 21.8 32.8
 279 3.7 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 42.084 ng

RT: 22.641 min Scan# 31

Delta R.T. -0.006 min

Lab File: BG057794.D

Acq: 21 Jun 2023 21:30

Instrument :

BNA_G

ClientSampleId :

GP-01MSD

Tgt Ion:149 Resp: 753334

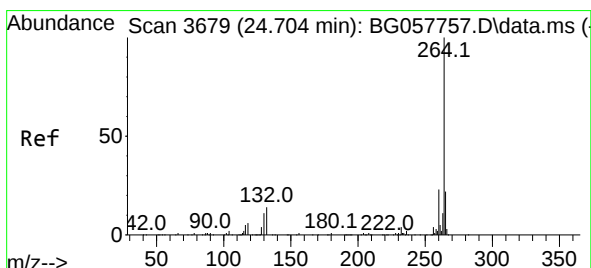
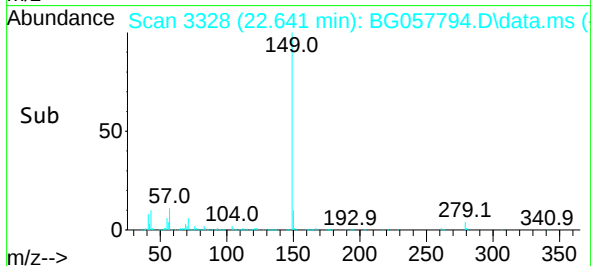
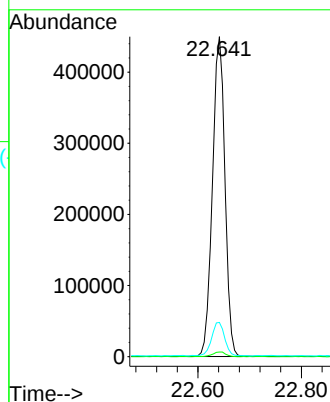
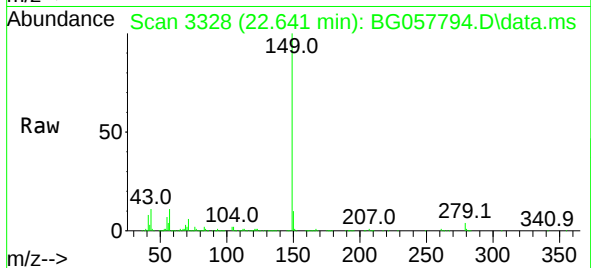
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	10.9	9.6	14.4

Manual Integrations

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Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/27/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.710 min Scan# 3680

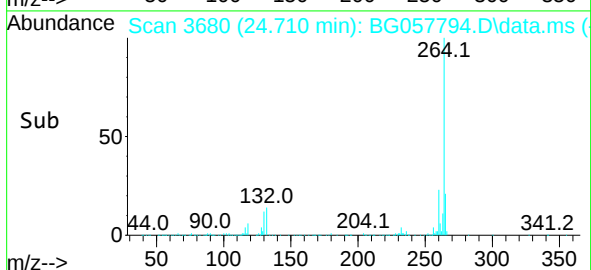
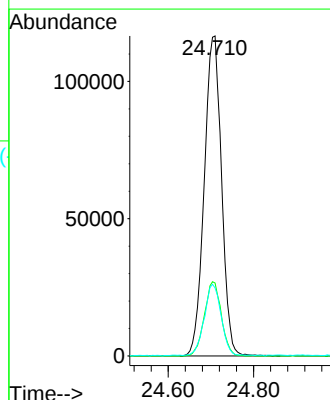
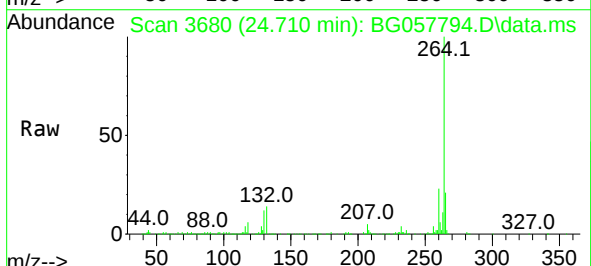
Delta R.T. 0.006 min

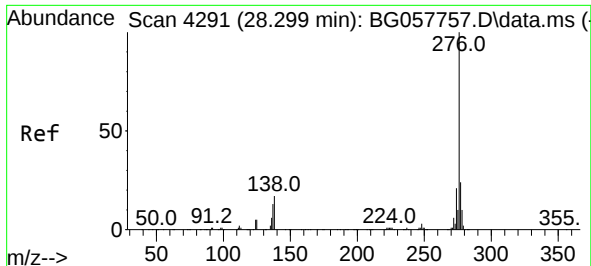
Lab File: BG057794.D

Acq: 21 Jun 2023 21:30

Tgt Ion:264 Resp: 328033

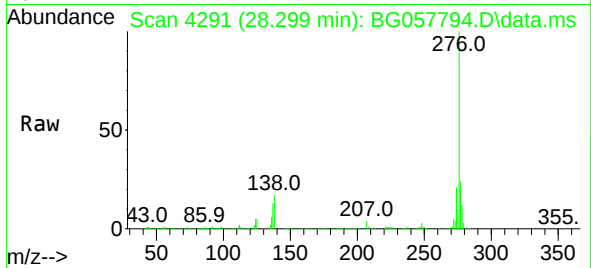
Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.5	27.7
265	21.2	17.4	26.2





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.929 ng
 RT: 28.299 min Scan# 4291
 Delta R.T. 0.000 min
 Lab File: BG057794.D
 Acq: 21 Jun 2023 21:30

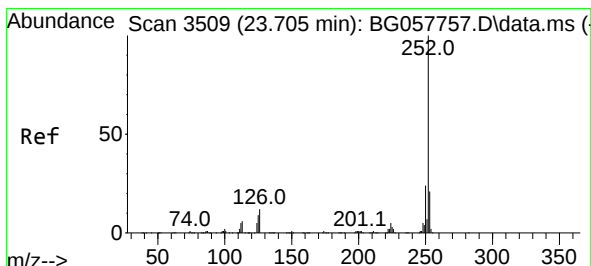
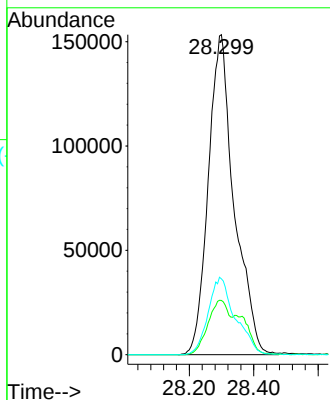
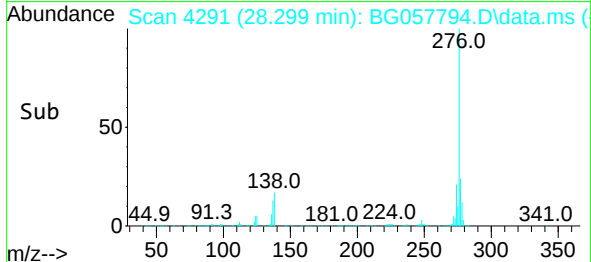
Instrument :
 BNA_G
 ClientSampleId :
 GP-01MSD



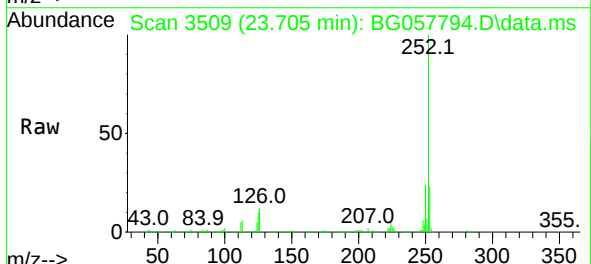
Tgt Ion:276 Resp: 856370
 Ion Ratio Lower Upper
 276 100
 138 14.4 11.3 16.9
 277 25.3 20.4 30.6

Manual Integrations
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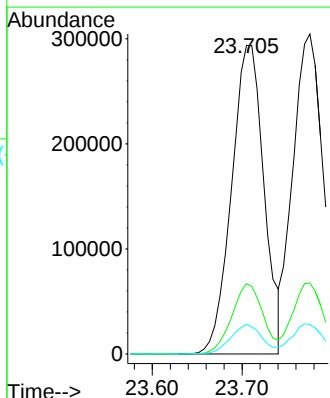
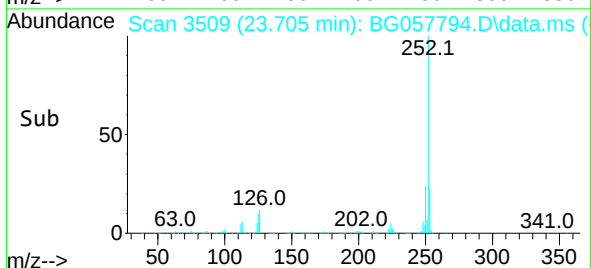
Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/27/2023

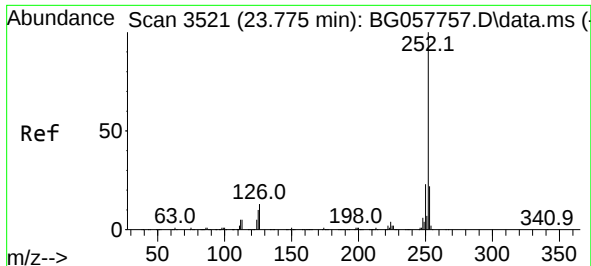


#88
 Benzo(b)fluoranthene
 Concen: 40.983 ng
 RT: 23.705 min Scan# 3509
 Delta R.T. 0.000 min
 Lab File: BG057794.D
 Acq: 21 Jun 2023 21:30



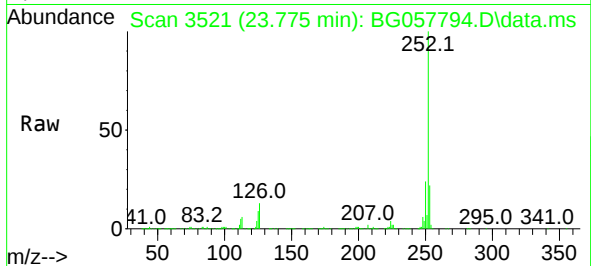
Tgt Ion:252 Resp: 736700
 Ion Ratio Lower Upper
 252 100
 253 22.7 17.1 25.7
 125 9.6 7.4 11.0





#89
Benzo(k)fluoranthene
Concen: 38.748 ng
RT: 23.775 min Scan# 3521
Delta R.T. 0.000 min
Lab File: BG057794.D
Acq: 21 Jun 2023 21:30

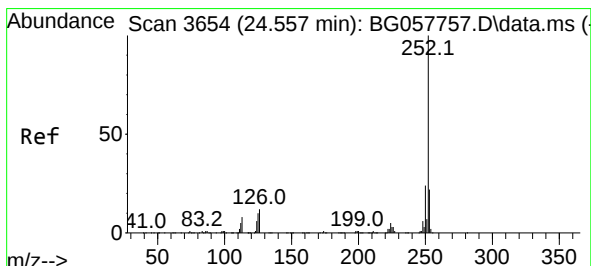
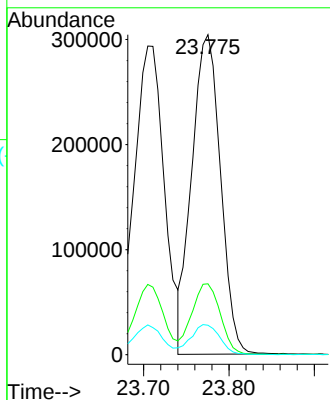
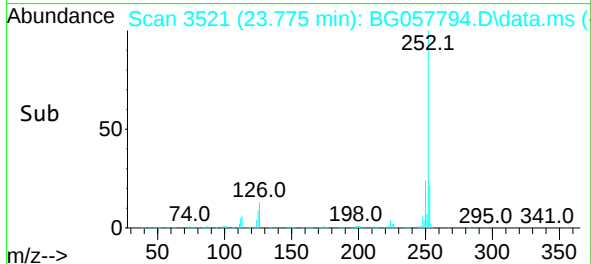
Instrument :
BNA_G
ClientSampleId :
GP-01MSD



Tgt Ion:252 Resp: 70939
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 9.2 7.6 11.4

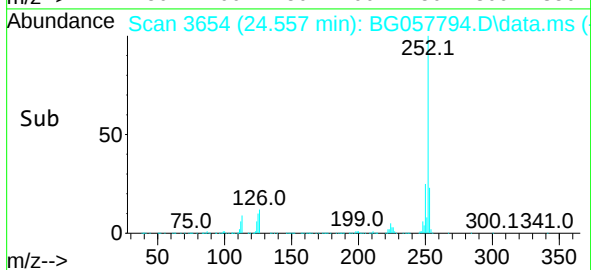
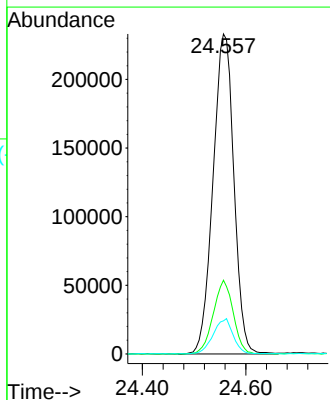
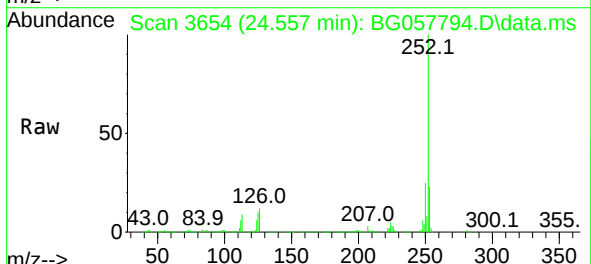
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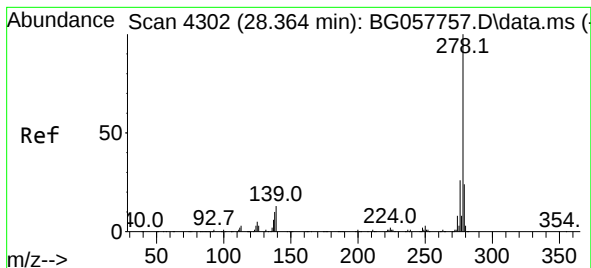
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/27/2023



#90
Benzo(a)pyrene
Concen: 36.962 ng
RT: 24.557 min Scan# 3654
Delta R.T. 0.000 min
Lab File: BG057794.D
Acq: 21 Jun 2023 21:30

Tgt Ion:252 Resp: 652524
Ion Ratio Lower Upper
252 100
253 23.1 17.4 26.2
125 10.4 8.0 12.0





#91

Dibenzo(a,h)anthracene

Concen: 40.040 ng

RT: 28.364 min Scan# 41

Delta R.T. 0.000 min

Lab File: BG057794.D

Acq: 21 Jun 2023 21:30

Instrument :

BNA_G

ClientSampleId :

GP-01MSD

Tgt Ion:278 Resp: 71251

Ion Ratio Lower Upper

278 100

139 14.2 10.8 16.2

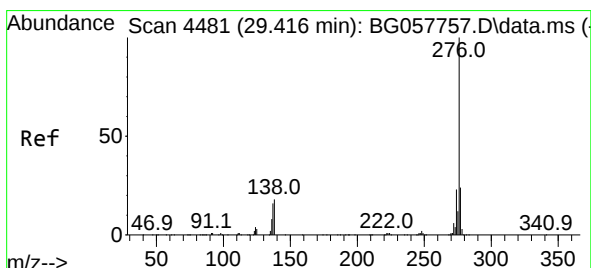
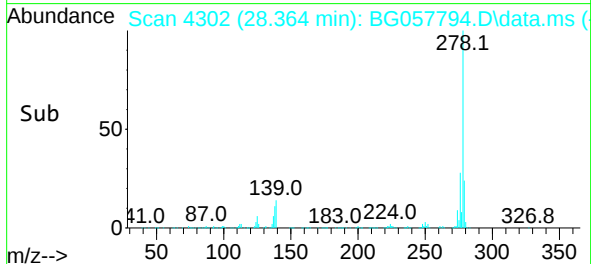
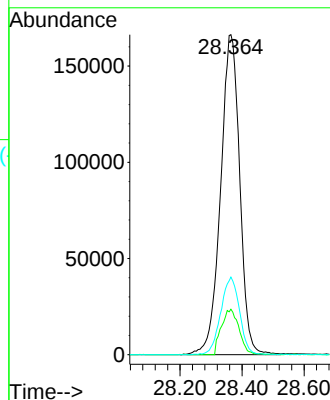
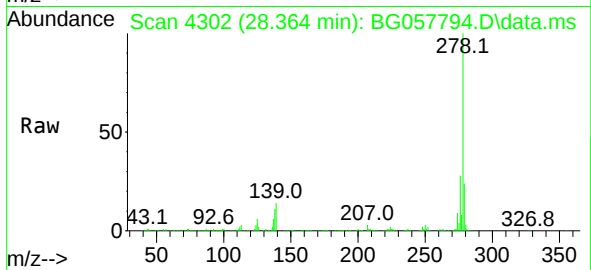
279 24.3 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/27/2023



#92

Benzo(g,h,i)perylene

Concen: 39.523 ng

RT: 29.422 min Scan# 4482

Delta R.T. 0.006 min

Lab File: BG057794.D

Acq: 21 Jun 2023 21:30

Tgt Ion:276 Resp: 704226

Ion Ratio Lower Upper

276 100

277 23.8 19.4 29.0

138 19.1 14.2 21.4

