

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040723\
 Data File : BG057024.D
 Acq On : 7 Apr 2023 13:11
 Operator : CG/JU
 Sample : PB151961BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB151961BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/10/2023
 Supervised By : Jagrut Upadhyay 04/10/2023

Quant Time: Apr 08 04:48:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 08 04:45:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.407	152	14496	20.000	ng	0.00
21) Naphthalene-d8	11.250	136	61526	20.000	ng	0.00
39) Acenaphthene-d10	15.022	164	49253	20.000	ng	0.00
64) Phenanthrene-d10	17.765	188	120537	20.000	ng	0.00
76) Chrysene-d12	22.089	240	103612	20.000	ng	0.00
86) Perylene-d12	25.631	264	107642	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.916	112	106515	117.599	ng	0.00
7) Phenol-d6	7.543	99	154514	114.061	ng	0.00
23) Nitrobenzene-d5	9.588	82	94977	63.164	ng	0.00
42) 2,4,6-Tribromophenol	16.508	330	84088	106.869	ng	0.00
45) 2-Fluorobiphenyl	13.653	172	237252	65.319	ng	0.00
79) Terphenyl-d14	20.332	244	440161	71.886	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.719	88	13730	34.580	ng	96
3) Pyridine	4.136	79	36759	28.744	ng	96
4) n-Nitrosodimethylamine	4.048	42	21033	35.772	ng	100
6) Aniline	7.720	93	60706	35.054	ng	96
8) 2-Chlorophenol	7.966	128	44777	49.632	ng	93
9) Benzaldehyde	7.526	77	31522	37.099	ng	93
10) Phenol	7.573	94	64428	47.999	ng	96
11) bis(2-Chloroethyl)ether	7.808	93	40932	42.809	ng	92
12) 1,3-Dichlorobenzene	8.295	146	44511	44.651	ng	97
13) 1,4-Dichlorobenzene	8.442	146	46386	46.105	ng	99
14) 1,2-Dichlorobenzene	8.771	146	44482	45.763	ng	95
15) Benzyl Alcohol	8.642	79	49787	44.231	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.930	45	49595m	43.039	ng	
17) 2-Methylphenol	8.842	107	43663	45.594	ng	93
18) Hexachloroethane	9.511	117	16921	46.015	ng	# 79
19) n-Nitroso-di-n-propyla...	9.212	70	39052	40.304	ng	98
20) 3+4-Methylphenols	9.171	107	59311	44.292	ng	93
22) Acetophenone	9.235	105	73880	40.354	ng	98
24) Nitrobenzene	9.629	77	61080	39.731	ng	95
25) Isophorone	10.152	82	108313	37.827	ng	98
26) 2-Nitrophenol	10.351	139	25634	43.200	ng	86
27) 2,4-Dimethylphenol	10.387	122	47468	45.307	ng	91
28) bis(2-Chloroethoxy)met...	10.628	93	57487	40.102	ng	95
29) 2,4-Dichlorophenol	10.886	162	49294	43.749	ng	97
30) 1,2,4-Trichlorobenzene	11.109	180	52182	43.587	ng	96
31) Naphthalene	11.303	128	136540	40.715	ng	98
32) Benzoic acid	10.516	122	29067m	40.389	ng	
33) 4-Chloroaniline	11.403	127	45202	29.844	ng	95
34) Hexachlorobutadiene	11.579	225	38771	43.112	ng	96
35) Caprolactam	12.167	113	16316m	41.990	ng	
36) 4-Chloro-3-methylphenol	12.490	107	54056	42.900	ng	98
37) 2-Methylnaphthalene	12.877	142	104386	39.219	ng	98
38) 1-Methylnaphthalene	13.095	142	95639	38.267	ng	98
40) 1,2,4,5-Tetrachloroben...	13.242	216	71337	41.767	ng	98
41) Hexachlorocyclopentadiene	13.212	237	101014	107.343	ng	100
43) 2,4,6-Trichlorophenol	13.465	196	46880	43.013	ng	96

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.541	196	51596	39.961	ng	97
46) 1,1'-Biphenyl	13.864	154	152385	42.265	ng	99
47) 2-Chloronaphthalene	13.911	162	115840	43.441	ng	97
48) 2-Nitroaniline	14.105	65	38381	40.253	ng	93
49) Acenaphthylene	14.751	152	182074	41.558	ng	99
50) Dimethylphthalate	14.464	163	157045	40.467	ng	98
51) 2,6-Dinitrotoluene	14.587	165	35398	42.217	ng	92
52) Acenaphthene	15.092	154	141583m	46.856	ng	
53) 3-Nitroaniline	14.922	138	24891	29.991	ng	87
54) 2,4-Dinitrophenol	15.127	184	46893	99.360	ng	92
55) Dibenzofuran	15.421	168	184108	40.596	ng	98
56) 4-Nitrophenol	15.215	139	53699	87.498	ng	91
57) 2,4-Dinitrotoluene	15.374	165	49351	41.731	ng	95
58) Fluorene	16.067	166	154345	41.128	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.638	232	50587	43.030	ng	# 99
60) Diethylphthalate	15.809	149	159164	40.911	ng	99
61) 4-Chlorophenyl-phenyle...	16.044	204	89167	40.469	ng	98
62) 4-Nitroaniline	16.079	138	35976	41.838	ng	87
63) Azobenzene	16.337	77	153021	39.467	ng	99
65) 4,6-Dinitro-2-methylph...	16.138	198	32434	44.429	ng	99
66) n-Nitrosodiphenylamine	16.261	169	133344	41.210	ng	97
67) 4-Bromophenyl-phenylether	16.937	248	60758	40.738	ng	97
68) Hexachlorobenzene	17.072	284	66690	45.229	ng	97
69) Atrazine	17.189	200	57639	42.913	ng	93
70) Pentachlorophenol	17.412	266	79738	75.379	ng	97
71) Phenanthrene	17.806	178	252817	41.138	ng	99
72) Anthracene	17.900	178	259252	41.151	ng	100
73) Carbazole	18.164	167	228707	41.638	ng	96
74) Di-n-butylphthalate	18.681	149	261181	41.063	ng	99
75) Fluoranthene	19.792	202	303648	38.977	ng	98
77) Benzidine	19.956	184	146746	51.816	ng	98
78) Pyrene	20.156	202	302338	42.189	ng	97
80) Butylbenzylphthalate	21.013	149	107219	43.478	ng	90
81) Benzo(a)anthracene	22.065	228	293932	40.995	ng	99
82) 3,3'-Dichlorobenzidine	21.959	252	75839	31.324	ng	100
83) Chrysene	22.136	228	268991	40.068	ng	99
84) Bis(2-ethylhexyl)phtha...	21.912	149	149427	41.845	ng	97
85) Di-n-octyl phthalate	23.228	149	253013	42.045	ng	98
87) Indeno(1,2,3-cd)pyrene	29.725	276	339302	42.651	ng	98
88) Benzo(b)fluoranthene	24.491	252	303839	45.139	ng	98
89) Benzo(k)fluoranthene	24.573	252	287580	42.795	ng	98
90) Benzo(a)pyrene	25.460	252	262482	39.683	ng	100
91) Dibenzo(a,h)anthracene	29.790	278	288794	44.164	ng	96
92) Benzo(g,h,i)perylene	31.012	276	270866	42.303	ng	98

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

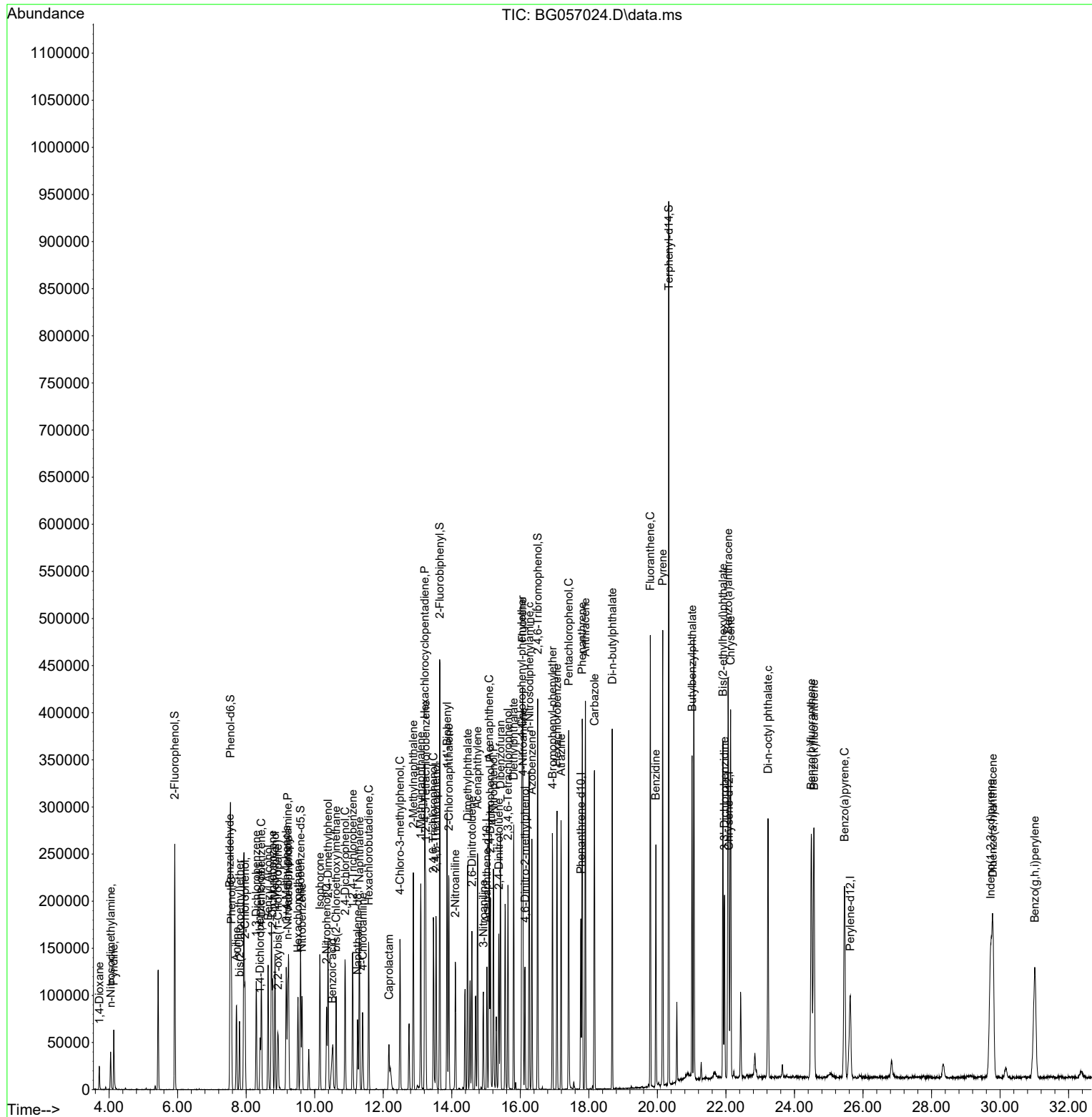
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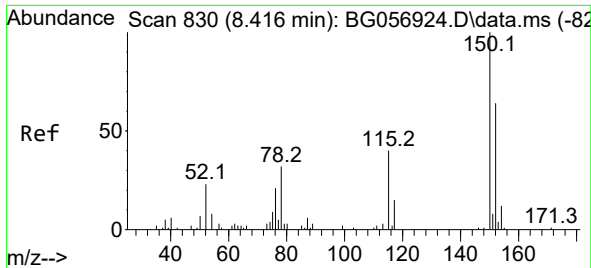
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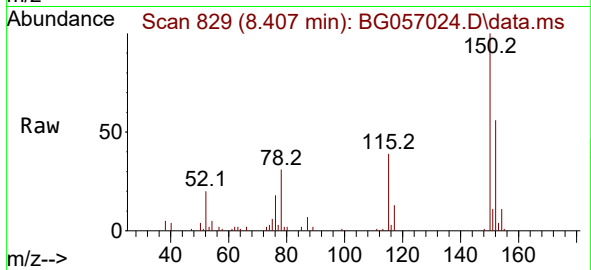
Reviewed By : Christian Giraldo 04/10/2023
Supervised By : Jagrut Upadhyay 04/10/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.407 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

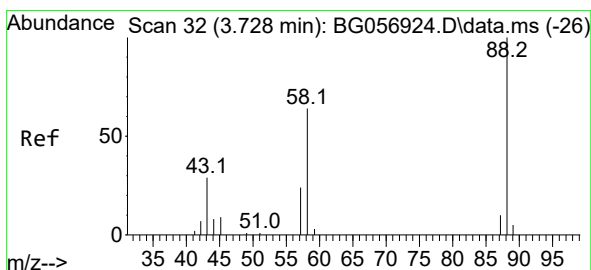
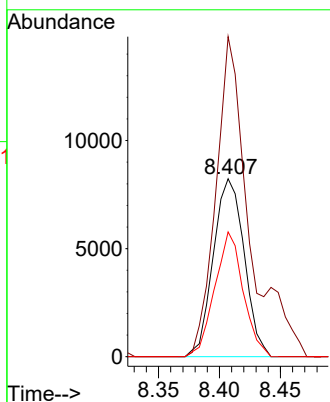
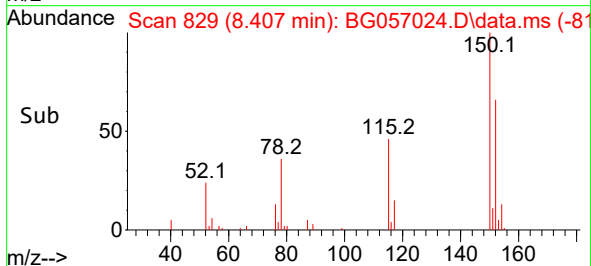
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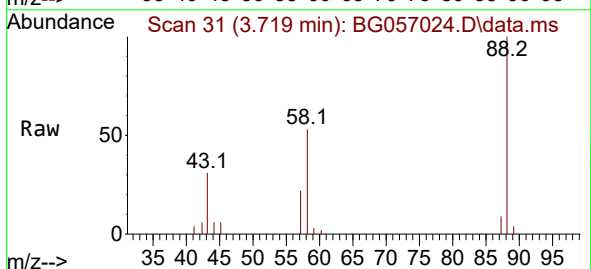
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Ion Ratio Lower Upper
152 100
150 179.9 124.1 186.1
115 70.2 49.1 73.7

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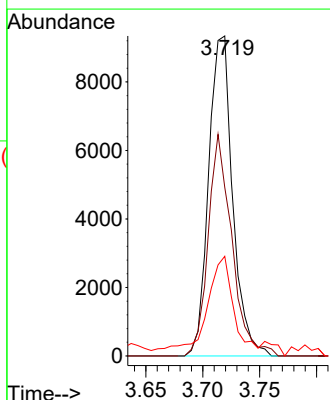
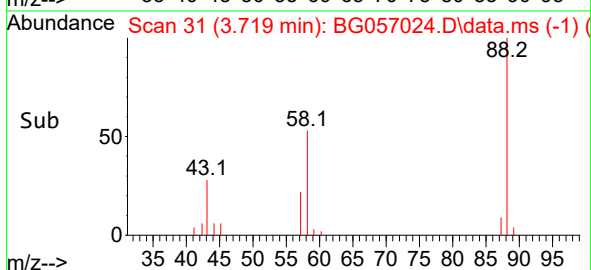
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023



#2
1,4-Dioxane
Concen: 34.580 ng
RT: 3.719 min Scan# 31
Delta R.T. -0.001 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11



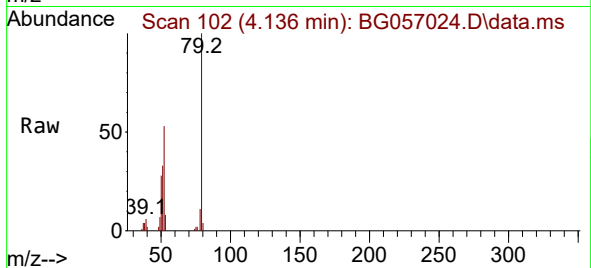
Tgt Ion: 88 Resp: 13730
Ion Ratio Lower Upper
88 100
58 68.3 55.9 83.9
43 36.8 25.7 38.5





#3
Pyridine
Concen: 28.744 ng
RT: 4.136 min Scan# 104
Delta R.T. -0.007 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

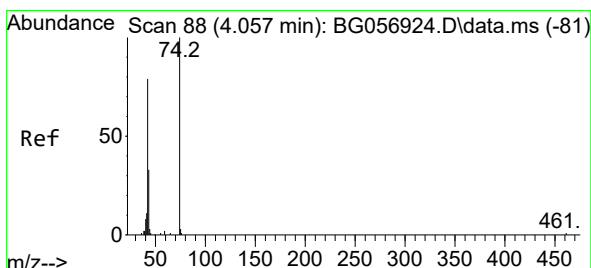
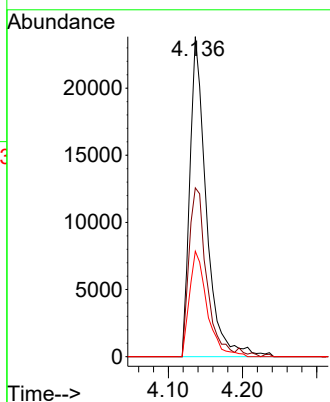
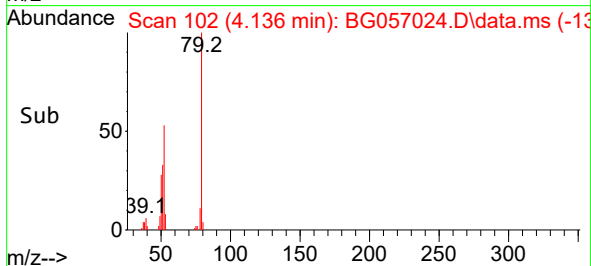
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion: 79 Resp: 3675
Ion Ratio Lower Upper
79 100
52 52.8 46.1 69.1
51 32.9 26.1 39.1

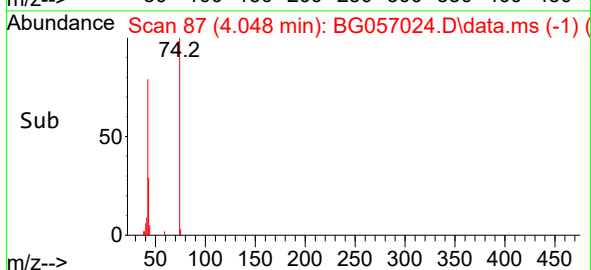
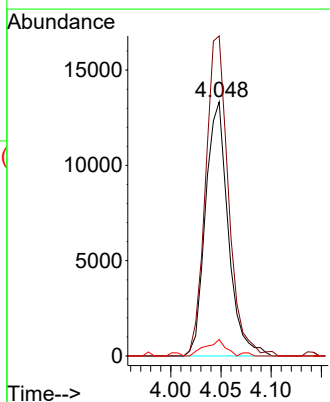
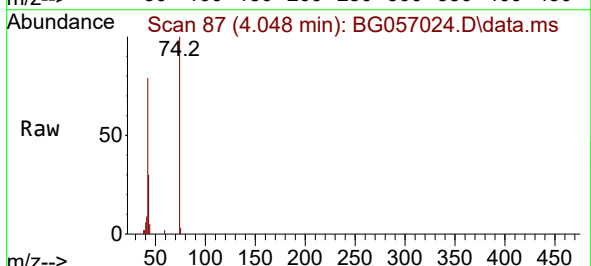
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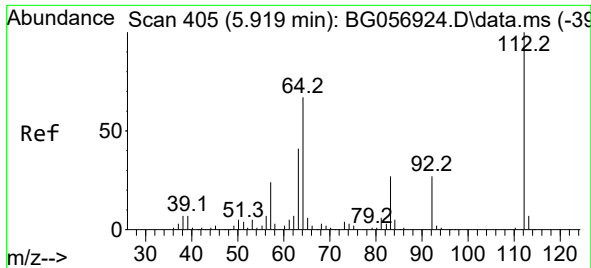
Reviewed By :Christian Giraldo 04/10/2023
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#4
n-Nitrosodimethylamine
Concen: 35.772 ng
RT: 4.048 min Scan# 87
Delta R.T. -0.001 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

Tgt Ion: 42 Resp: 21033
Ion Ratio Lower Upper
42 100
74 125.9 100.6 151.0
44 6.5 4.6 7.0





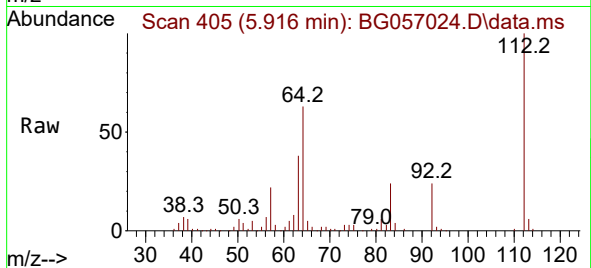
#5
2-Fluorophenol
Concen: 117.599 ng
RT: 5.916 min Scan# 405
Delta R.T. -0.001 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

Instrument :

BNA_G

ClientSampleId :

PB151961BS

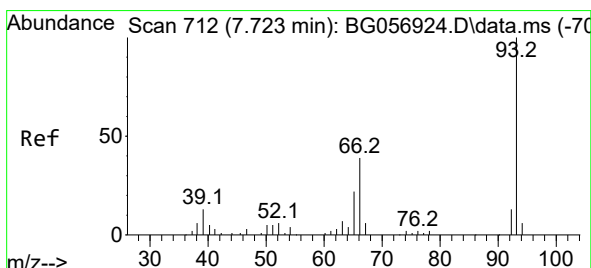
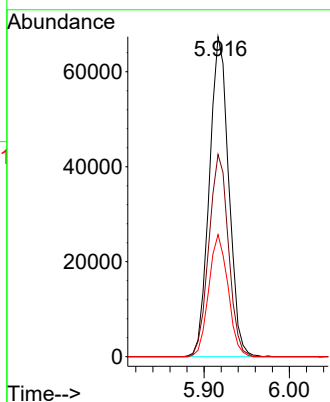
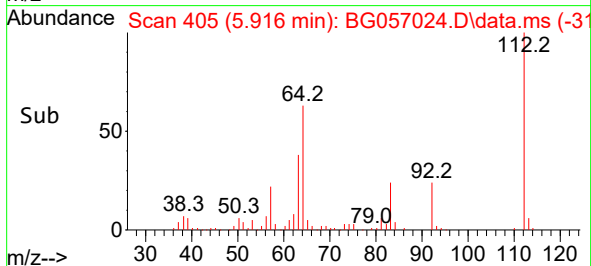


Tgt Ion:112 Resp: 106515
Ion Ratio Lower Upper
112 100
64 63.2 53.2 79.8
63 38.1 32.6 48.8

Manual Integrations

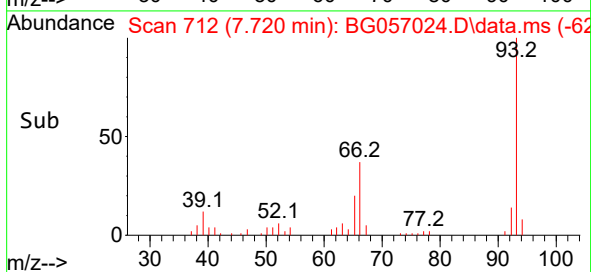
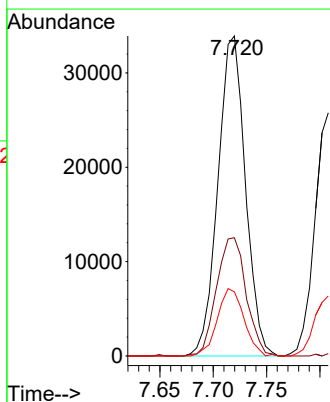
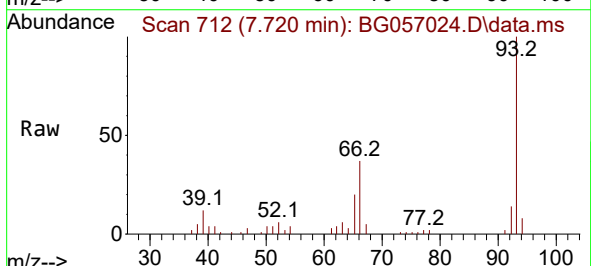
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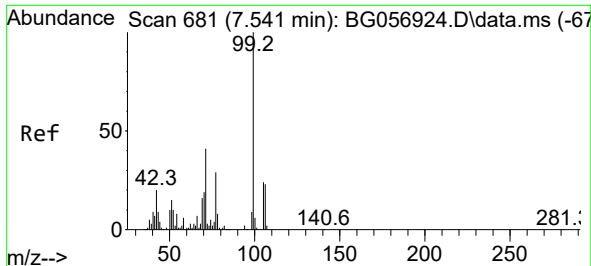
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#6
Aniline
Concen: 35.054 ng
RT: 7.720 min Scan# 712
Delta R.T. -0.001 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

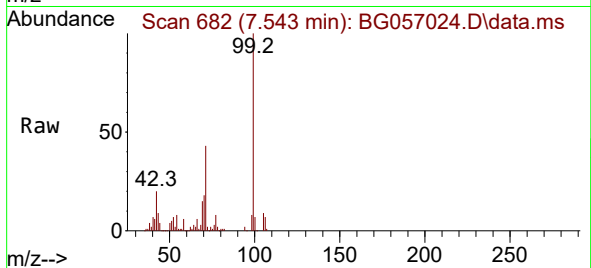
Tgt Ion: 93 Resp: 60706
Ion Ratio Lower Upper
93 100
66 36.9 31.4 47.0
65 20.0 17.3 25.9





#7
Phenol-d6
Concen: 114.061 ng
RT: 7.543 min Scan# 681
Delta R.T. 0.005 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

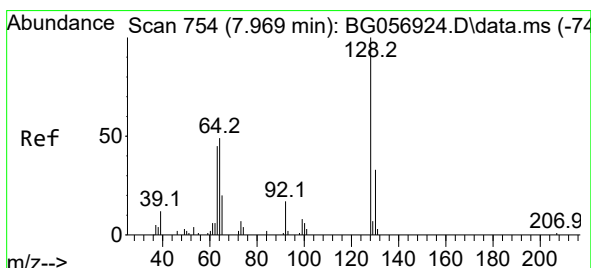
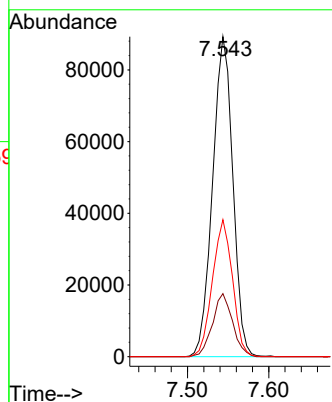
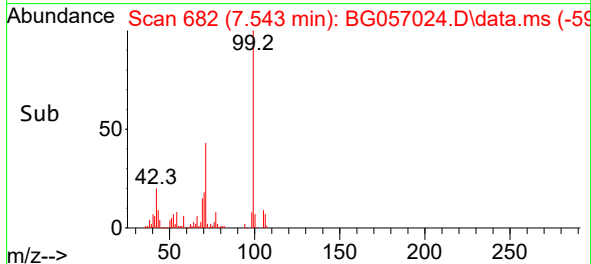
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Tgt Ion: 99 Resp: 154514
Ion Ratio Lower Upper
99 100
42 19.7 15.7 23.5
71 42.8 32.5 48.7

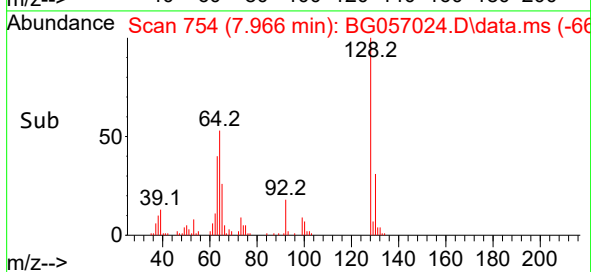
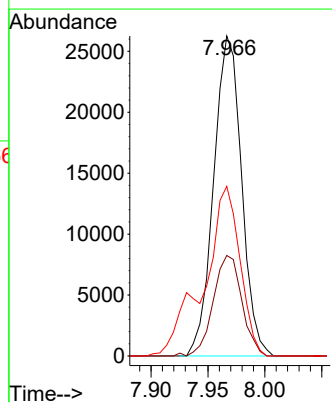
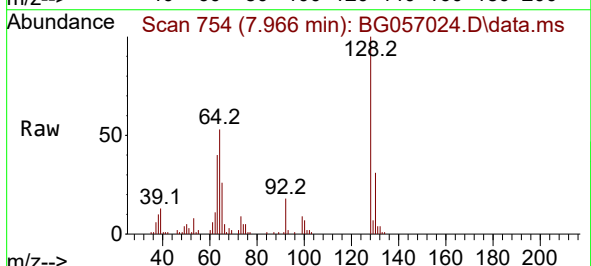
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#8
2-Chlorophenol
Concen: 49.632 ng
RT: 7.966 min Scan# 754
Delta R.T. -0.001 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

Tgt Ion:128 Resp: 44777
Ion Ratio Lower Upper
128 100
130 31.4 12.6 52.6
64 53.0 40.6 80.6





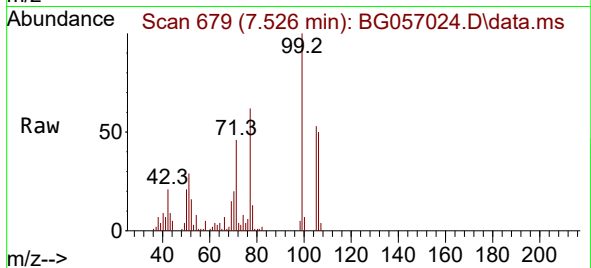
#9
Benzaldehyde
Concen: 37.099 ng
RT: 7.526 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG057024.D
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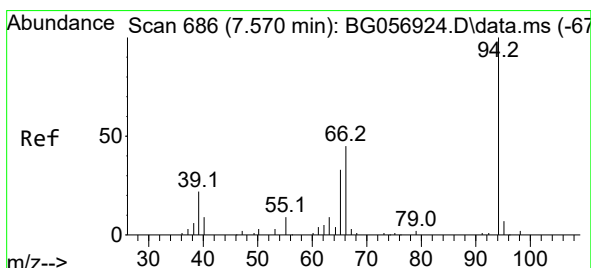
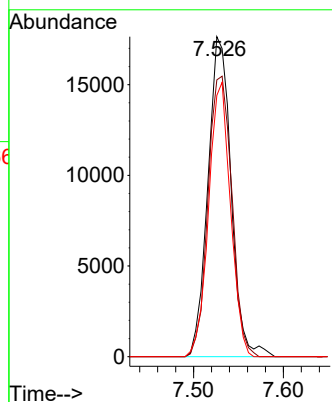


Tgt Ion: 77 Resp: 3152
Ion Ratio Lower Upper
77 100
105 86.5 73.6 113.6
106 81.7 56.7 96.7

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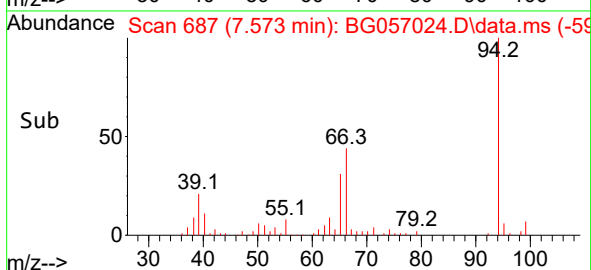
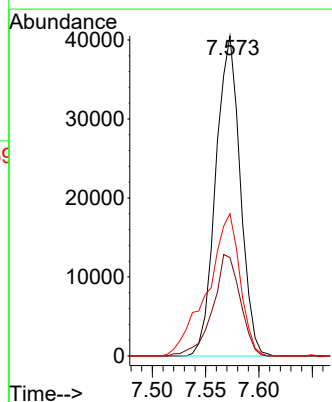
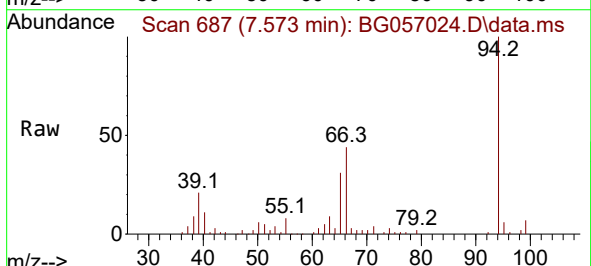
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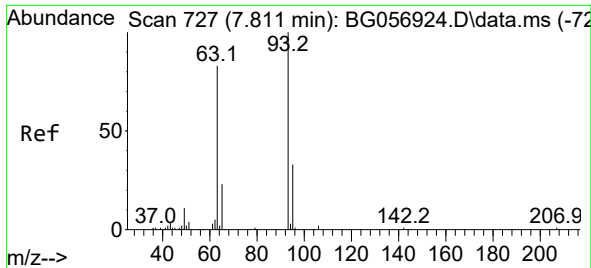
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023



#10
Phenol
Concen: 47.999 ng
RT: 7.573 min Scan# 687
Delta R.T. 0.005 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

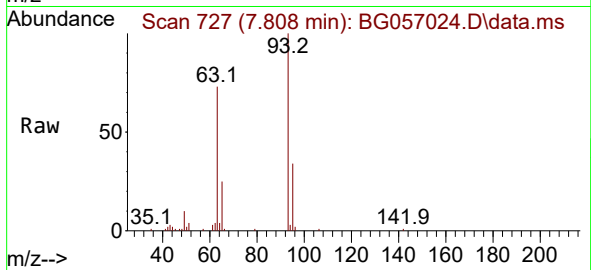
Tgt Ion: 94 Resp: 64428
Ion Ratio Lower Upper
94 100
65 30.8 13.3 53.3
66 44.4 26.7 66.7





#11
bis(2-Chloroethyl)ether
Concen: 42.809 ng
RT: 7.808 min Scan# 71
Delta R.T. -0.001 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

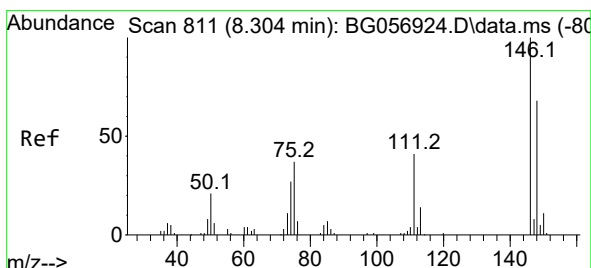
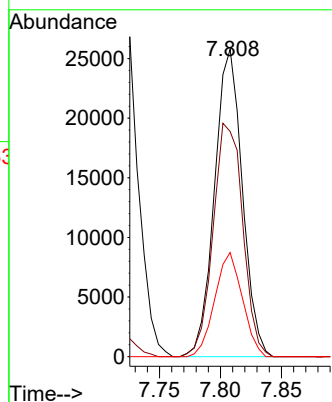
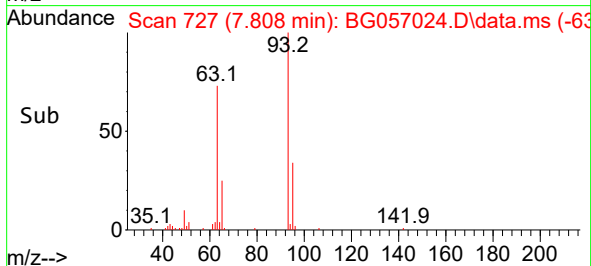
Instrument :
BNA_G
ClientSampleId :
PB151961BS



Tgt Ion: 93 Resp: 40932
Ion Ratio Lower Upper
93 100
63 73.3 62.7 102.7
95 33.9 12.3 52.3

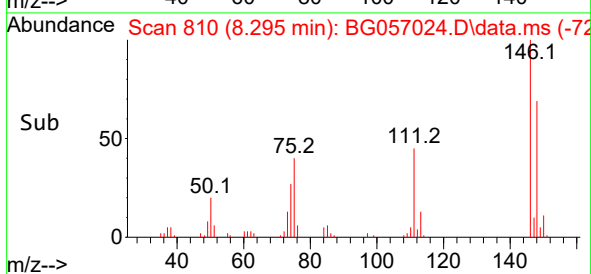
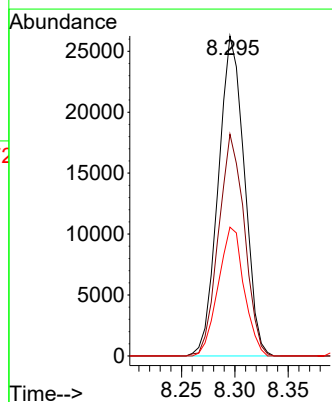
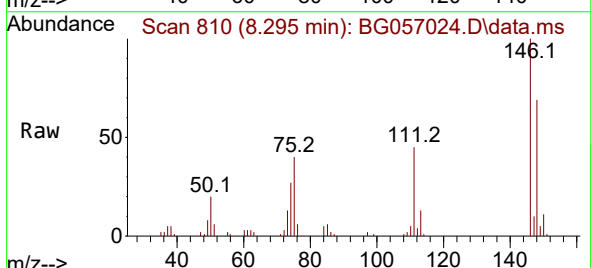
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023



#12
1,3-Dichlorobenzene
Concen: 44.651 ng
RT: 8.295 min Scan# 810
Delta R.T. -0.001 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

Tgt Ion:146 Resp: 44511
Ion Ratio Lower Upper
146 100
148 69.3 54.2 81.4
75 40.3 29.8 44.8





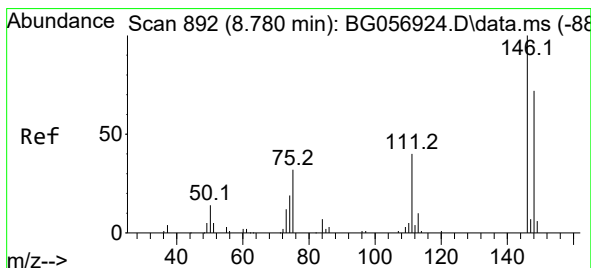
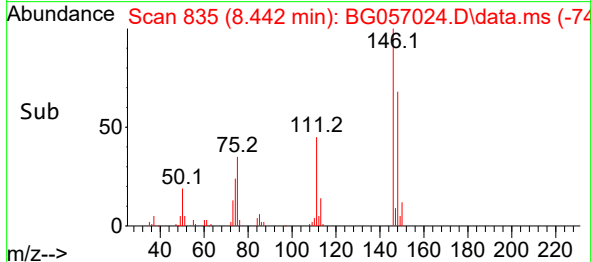
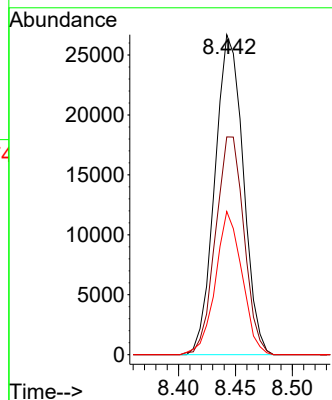
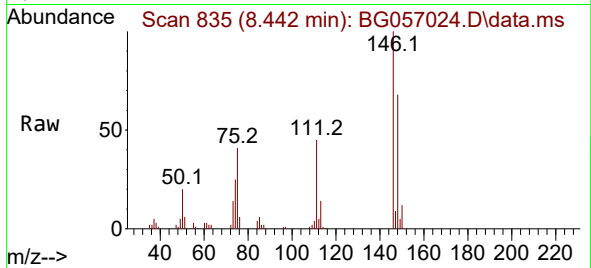
#13
1,4-Dichlorobenzene
Concen: 46.105 ng
RT: 8.442 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

Instrument :
BNA_G
ClientSampleId :
PB151961BS

Tgt Ion:146 Resp: 46380
Ion Ratio Lower Upper
146 100
148 68.1 54.8 82.2
111 44.7 34.6 52.0

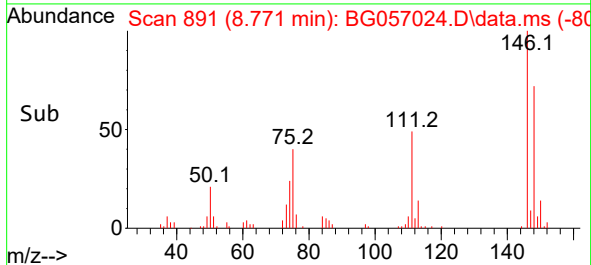
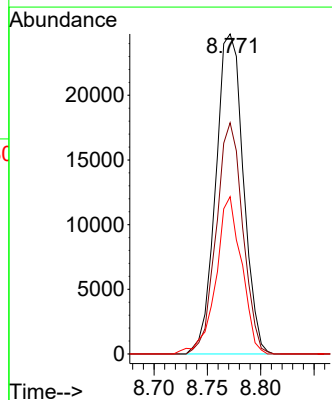
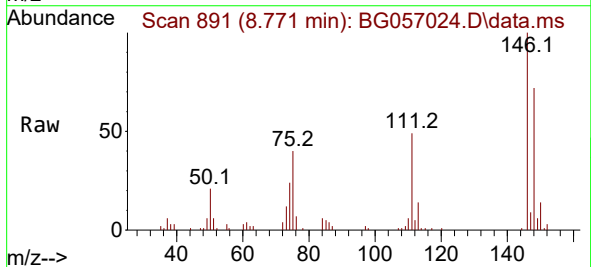
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023



#14
1,2-Dichlorobenzene
Concen: 45.763 ng
RT: 8.771 min Scan# 891
Delta R.T. -0.001 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

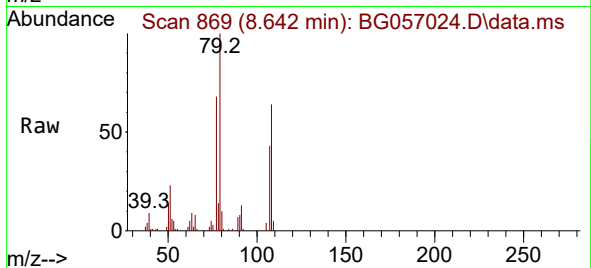
Tgt Ion:146 Resp: 44482
Ion Ratio Lower Upper
146 100
148 72.3 57.4 86.0
111 49.2 33.2 49.8





#15
Benzyl Alcohol
Concen: 44.231 ng
RT: 8.642 min Scan# 869
Delta R.T. 0.005 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

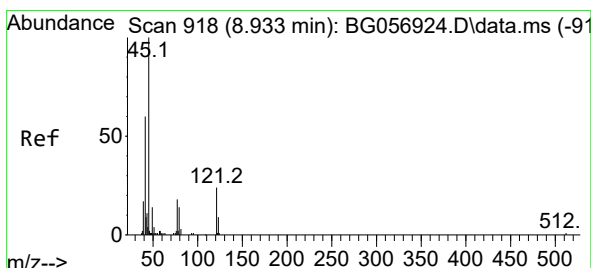
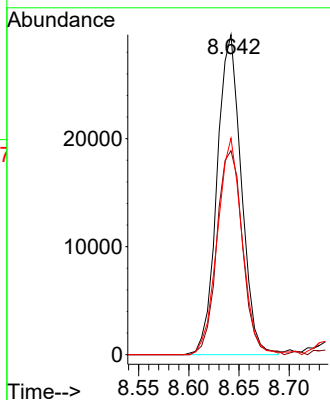
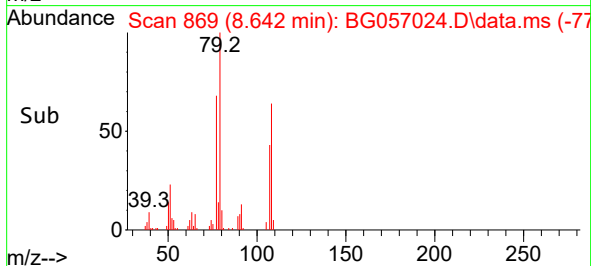
Instrument :
BNA_G
ClientSampleId :
PB151961BS



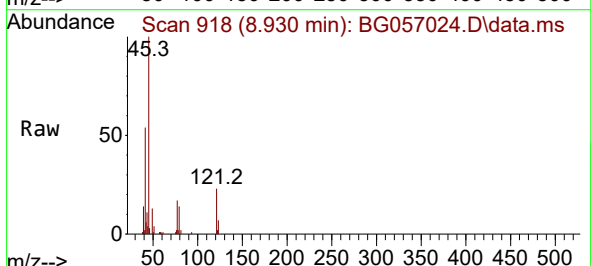
Tgt Ion: 79 Resp: 4978
Ion Ratio Lower Upper
79 100
108 63.8 51.2 76.8
77 67.6 54.4 81.6

Manual Integrations
APPROVED

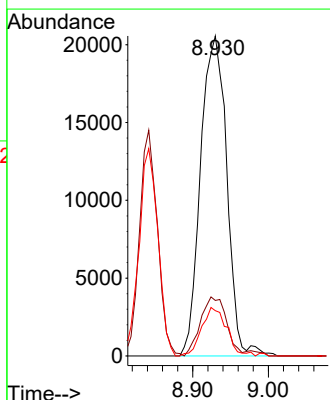
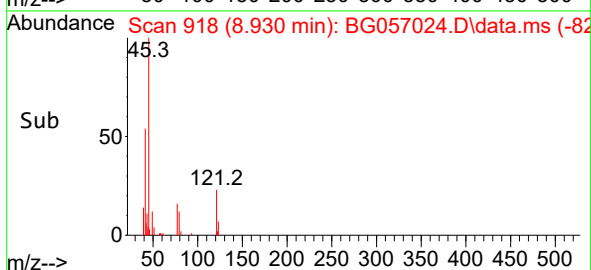
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.039 ng m
RT: 8.930 min Scan# 918
Delta R.T. -0.001 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11



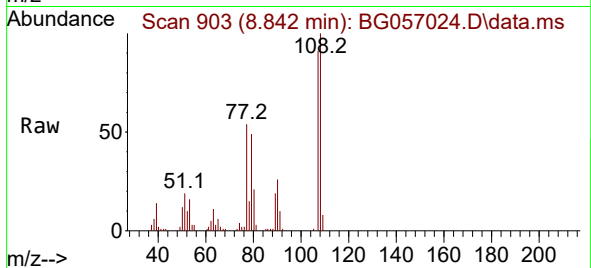
Tgt Ion: 45 Resp: 49595
Ion Ratio Lower Upper
45 100
77 17.3 0.0 38.7
79 14.1 0.0 35.1





#17
2-Methylphenol
Concen: 45.594 ng
RT: 8.842 min Scan# 903
Delta R.T. -0.001 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

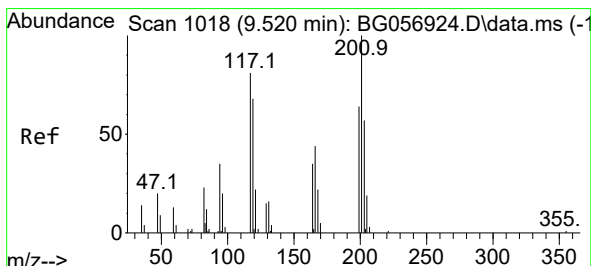
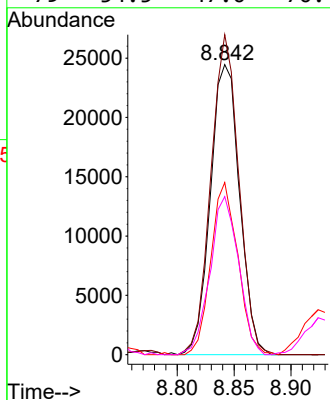
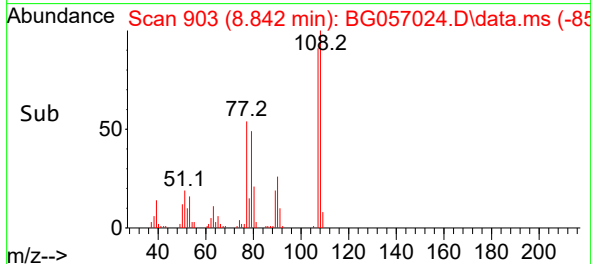
Instrument :
BNA_G
ClientSampleId :
PB151961BS



Tgt Ion:107 Resp: 4366
Ion Ratio Lower Upper
107 100
108 110.3 96.0 144.0
77 59.3 45.6 68.4
79 54.5 47.0 70.4

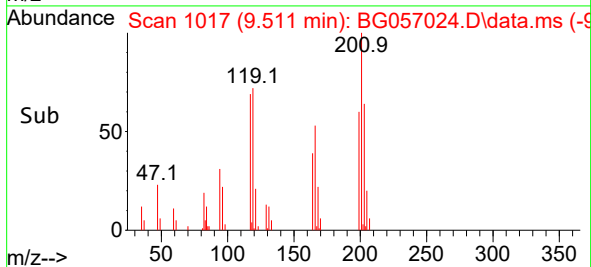
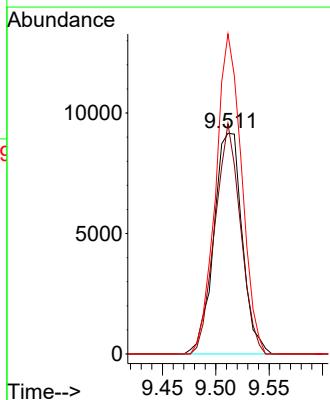
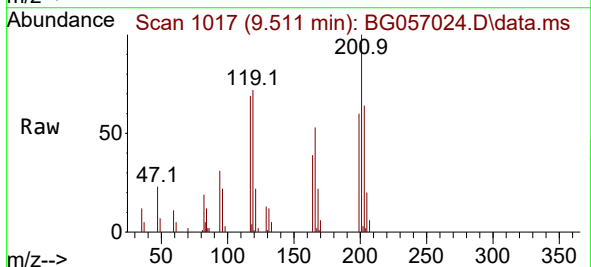
Manual Integrations
APPROVED

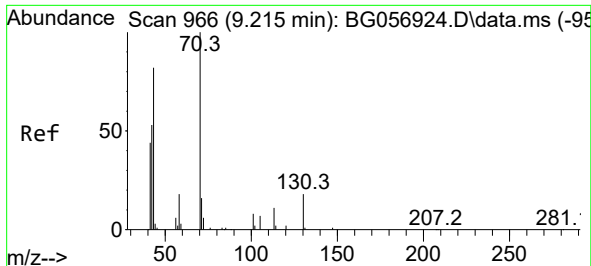
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023



#18
Hexachloroethane
Concen: 46.015 ng
RT: 9.511 min Scan# 1017
Delta R.T. -0.001 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

Tgt Ion:117 Resp: 16921
Ion Ratio Lower Upper
117 100
119 104.4 67.0 100.6#
201 145.0 98.7 148.1





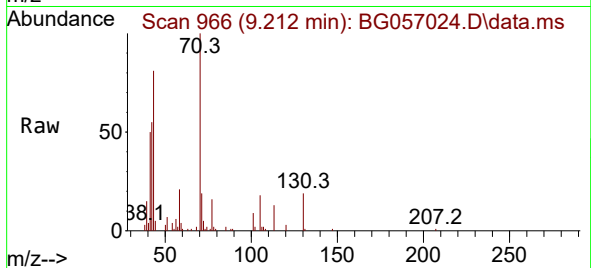
#19
n-Nitroso-di-n-propylamine
Concen: 40.304 ng
RT: 9.212 min Scan# 90
Delta R.T. -0.001 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

Instrument :

BNA_G

ClientSampleId :

PB151961BS

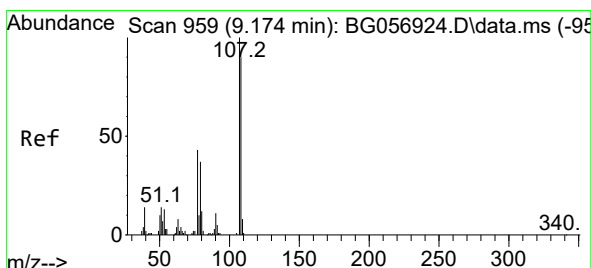
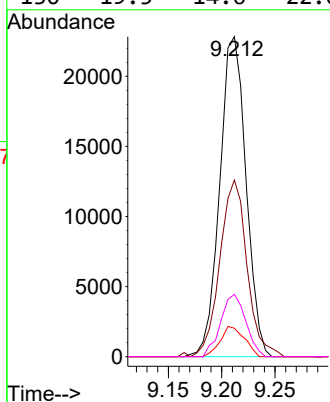
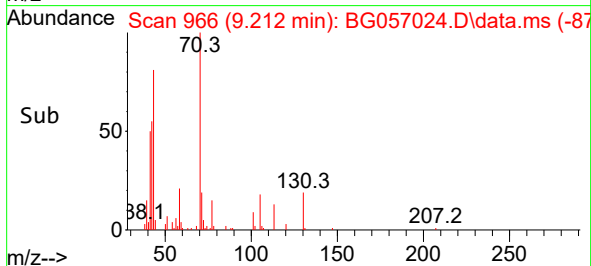


Tgt Ion: 70 Resp: 39052
Ion Ratio Lower Upper
70 100
42 55.2 43.4 65.0
101 8.9 6.2 9.2
130 19.5 14.6 22.0

Manual Integrations

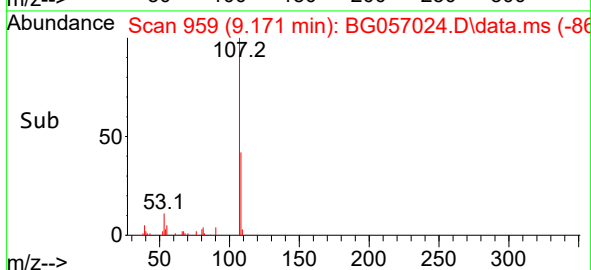
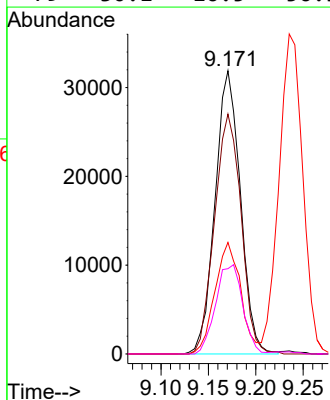
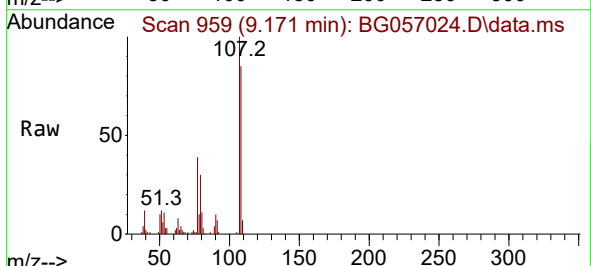
APPROVED

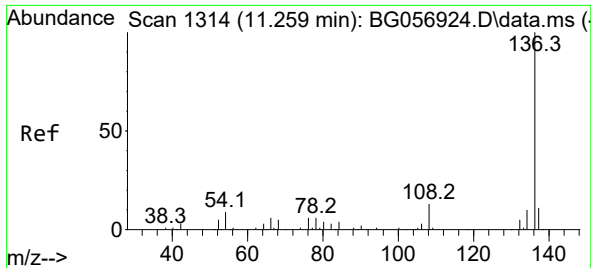
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023



#20
3+4-Methylphenols
Concen: 44.292 ng
RT: 9.171 min Scan# 959
Delta R.T. -0.001 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

Tgt Ion:107 Resp: 59311
Ion Ratio Lower Upper
107 100
108 84.7 69.9 109.9
77 39.4 22.7 62.7
79 30.1 16.5 56.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.250 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

Instrument :

BNA_G

ClientSampleId :

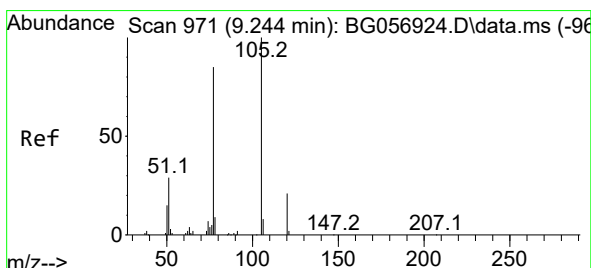
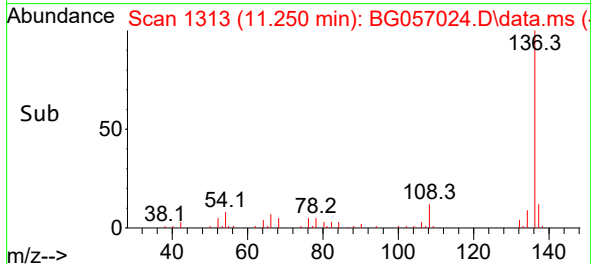
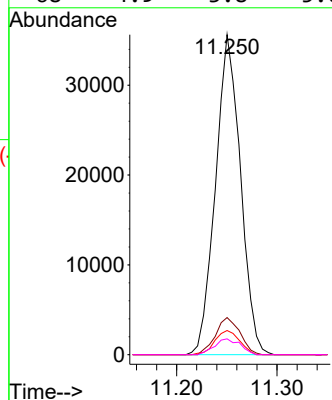
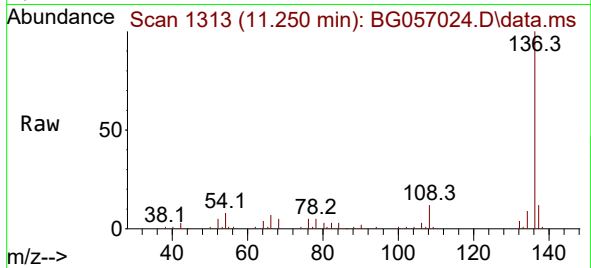
PB151961BS

Tgt Ion:136 Resp: 61520
Ion Ratio Lower Upper
136 100
137 11.6 8.6 13.0
54 7.6 6.9 10.3
68 4.9 3.8 5.6

Manual Integrations

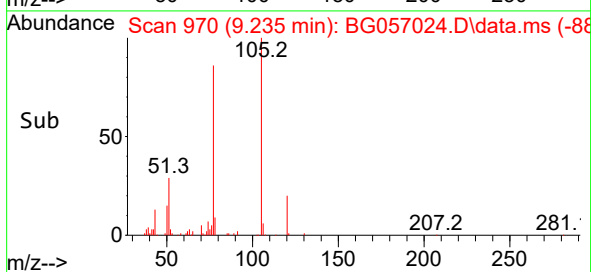
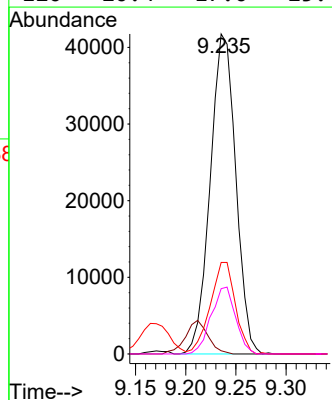
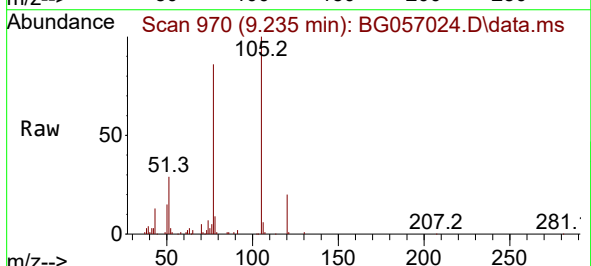
APPROVED

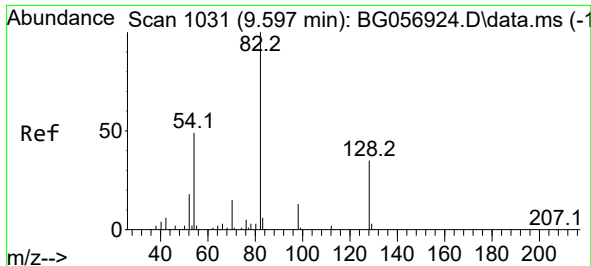
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023



#22
Acetophenone
Concen: 40.354 ng
RT: 9.235 min Scan# 970
Delta R.T. -0.001 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

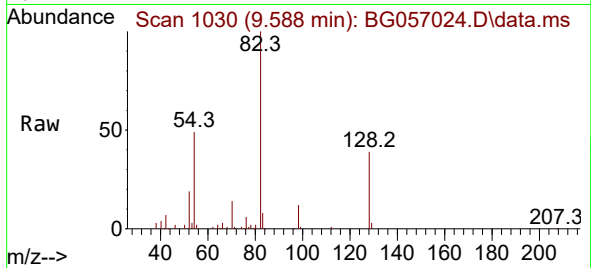
Tgt Ion:105 Resp: 73880
Ion Ratio Lower Upper
105 100
71 1.0 0.7 1.1
51 28.6 23.8 35.8
120 20.4 17.0 25.4





#23
Nitrobenzene-d5
Concen: 63.164 ng
RT: 9.588 min Scan# 1030
Delta R.T. -0.001 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

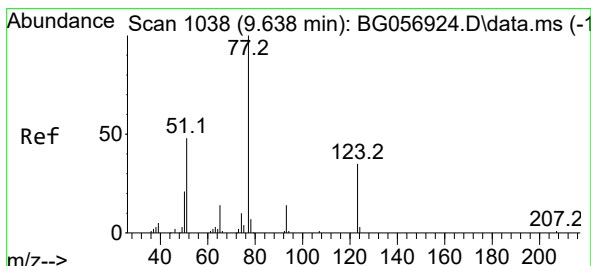
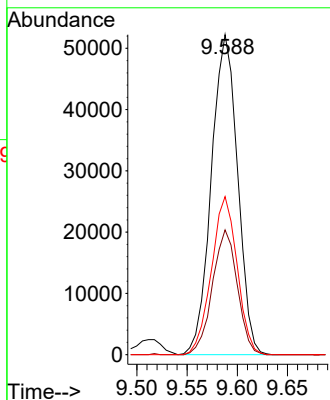
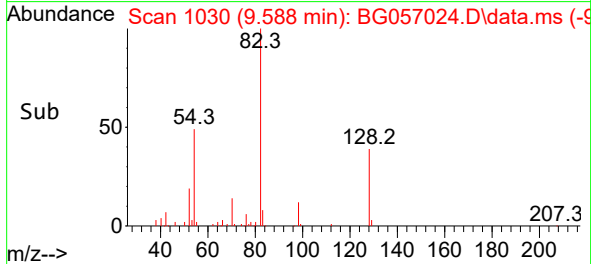
Instrument :
BNA_G
ClientSampleId :
PB151961BS



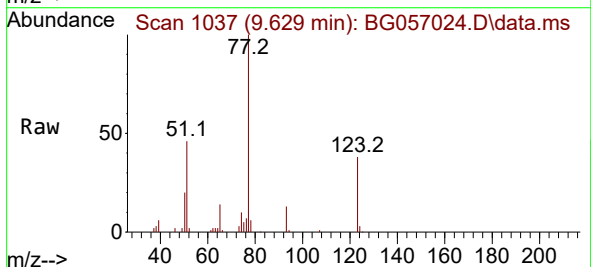
Tgt Ion: 82 Resp: 9497
Ion Ratio Lower Upper
82 100
128 39.0 27.9 41.9
54 49.4 39.4 59.2

Manual Integrations
APPROVED

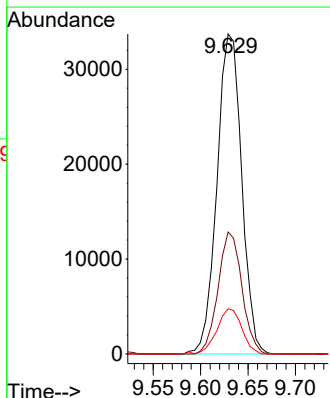
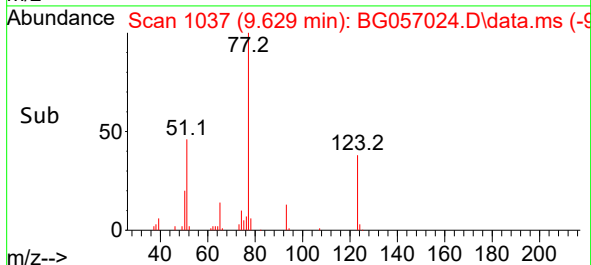
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023

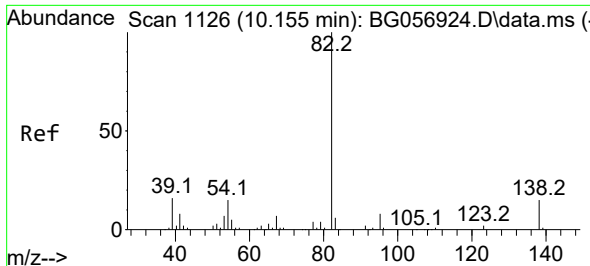


#24
Nitrobenzene
Concen: 39.731 ng
RT: 9.629 min Scan# 1037
Delta R.T. -0.001 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11



Tgt Ion: 77 Resp: 61080
Ion Ratio Lower Upper
77 100
123 38.1 27.6 41.4
65 14.1 11.5 17.3





#25
Isophorone
Concen: 37.827 ng
RT: 10.152 min Scan# 1126
Delta R.T. -0.001 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

Instrument :

BNA_G

ClientSampleId :

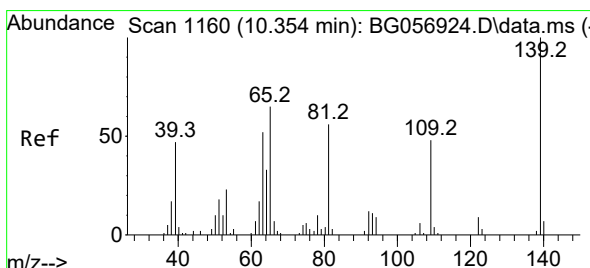
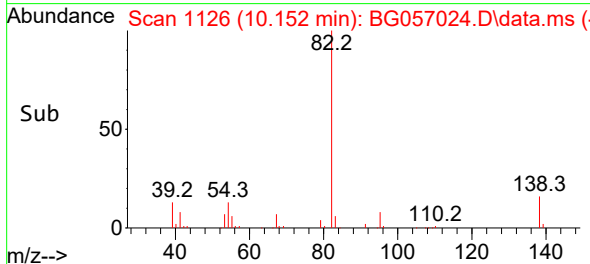
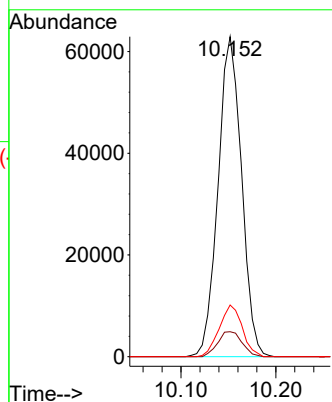
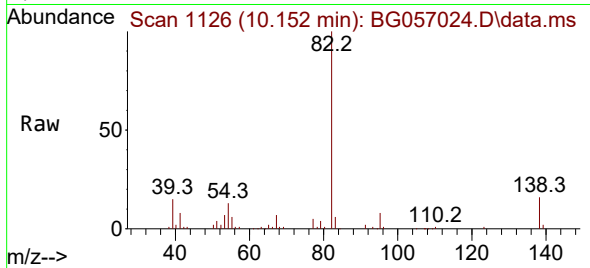
PB151961BS

Tgt Ion: 82 Resp: 10831
Ion Ratio Lower Upper
82 100
95 7.8 6.3 9.5
138 16.2 11.8 17.8

Manual Integrations

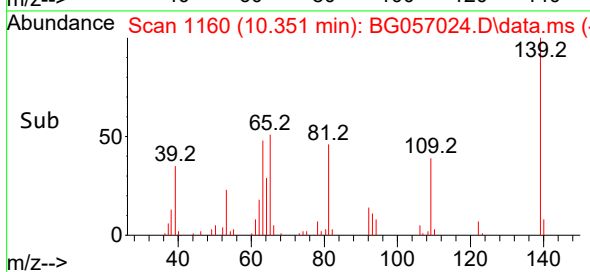
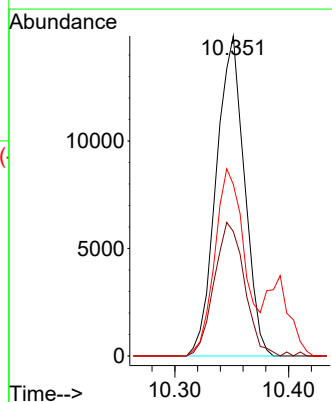
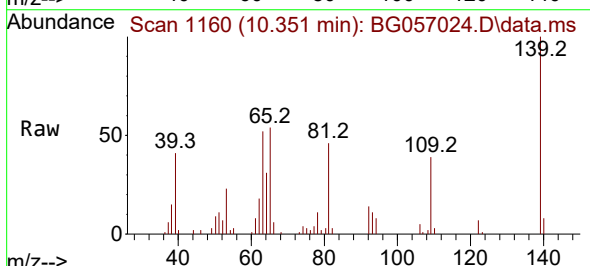
APPROVED

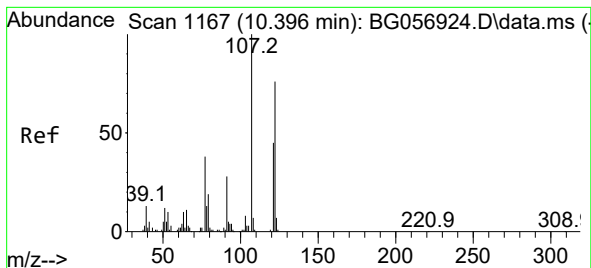
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023



#26
2-Nitrophenol
Concen: 43.200 ng
RT: 10.351 min Scan# 1160
Delta R.T. 0.005 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

Tgt Ion:139 Resp: 25634
Ion Ratio Lower Upper
139 100
109 38.9 38.2 57.4
65 53.6 51.8 77.8





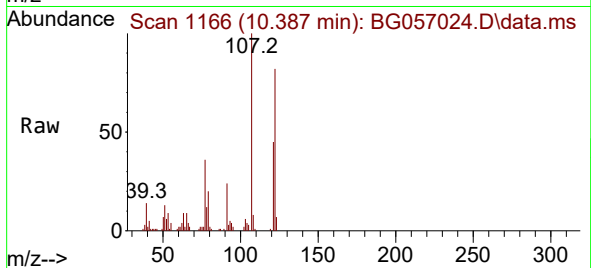
#27
2,4-Dimethylphenol
Concen: 45.307 ng
RT: 10.387 min Scan# 1166
Delta R.T. -0.001 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

Instrument :

BNA_G

ClientSampleId :

PB151961BS

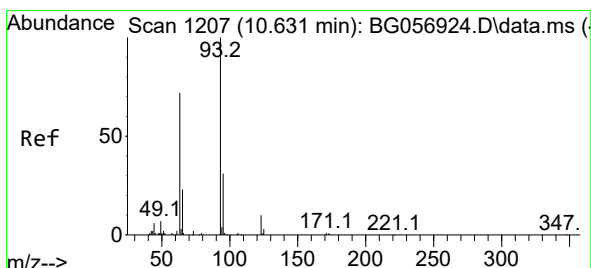
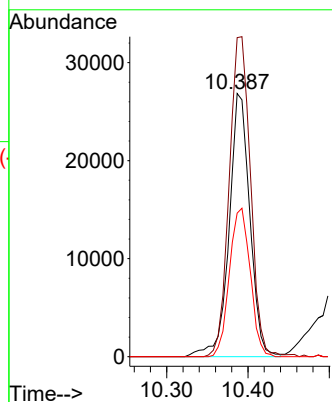
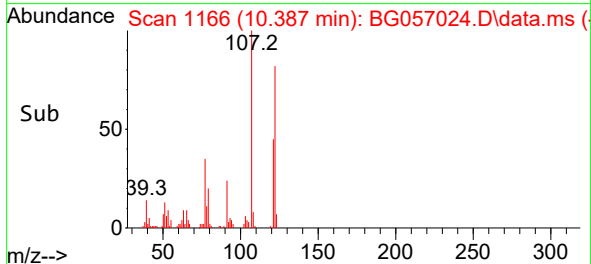


Tgt Ion:122 Resp: 47468
Ion Ratio Lower Upper
122 100
107 121.2 105.7 158.5
121 54.5 48.0 72.0

Manual Integrations

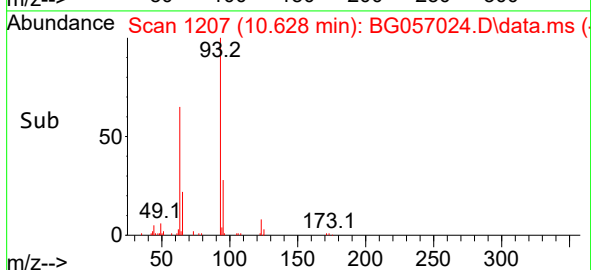
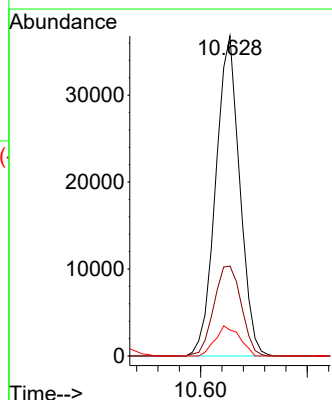
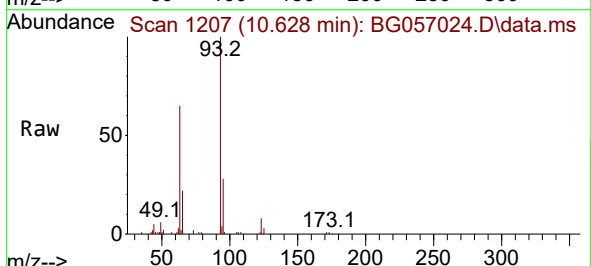
APPROVED

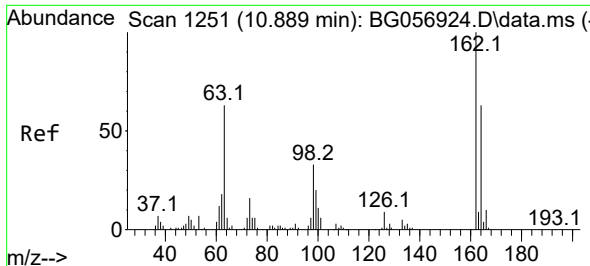
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023



#28
bis(2-Chloroethoxy)methane
Concen: 40.102 ng
RT: 10.628 min Scan# 1207
Delta R.T. 0.005 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

Tgt Ion: 93 Resp: 57487
Ion Ratio Lower Upper
93 100
95 28.1 24.6 37.0
123 8.1 7.8 11.6





#29

2,4-Dichlorophenol

Concen: 43.749 ng

RT: 10.886 min Scan# 1251

Delta R.T. -0.001 min

Lab File: BG057024.D

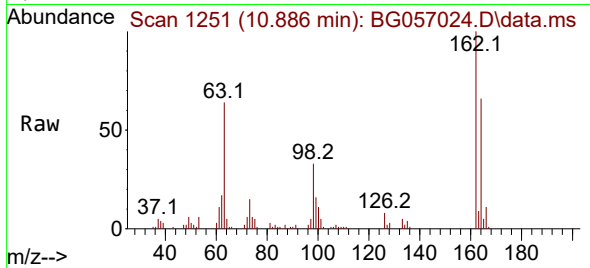
Acq: 7 Apr 2023 13:11

Instrument :

BNA_G

ClientSampleId :

PB151961BS



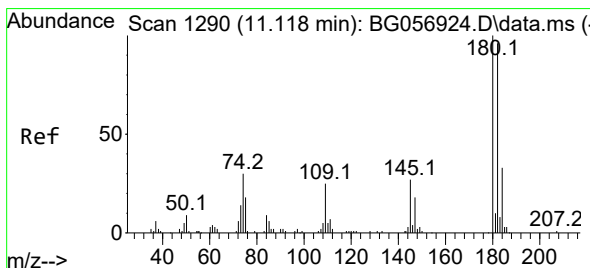
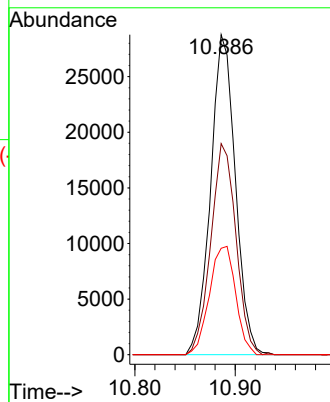
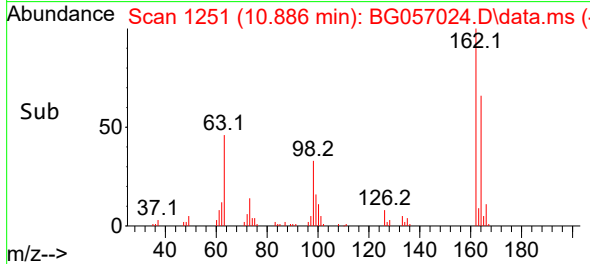
Tgt Ion:	162	Resp:	49294
Ion Ratio	Lower	Upper	
162	100		
164	66.0	43.4	83.4
98	33.2	12.5	52.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/10/2023

Supervised By :Jagrut Upadhyay 04/10/2023



#30

1,2,4-Trichlorobenzene

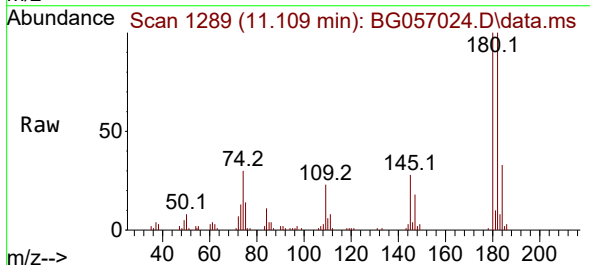
Concen: 43.587 ng

RT: 11.109 min Scan# 1289

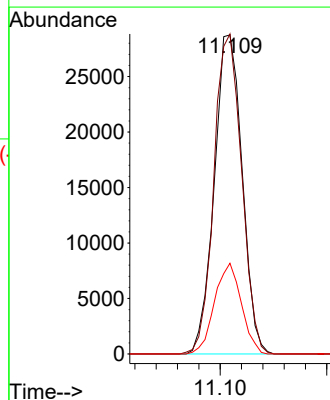
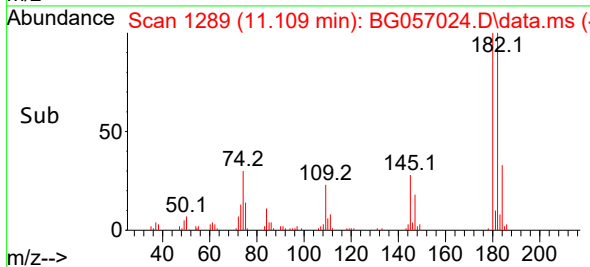
Delta R.T. -0.001 min

Lab File: BG057024.D

Acq: 7 Apr 2023 13:11



Tgt Ion:	180	Resp:	52182
Ion Ratio	Lower	Upper	
180	100		
182	100.3	77.1	115.7
145	28.4	21.3	31.9





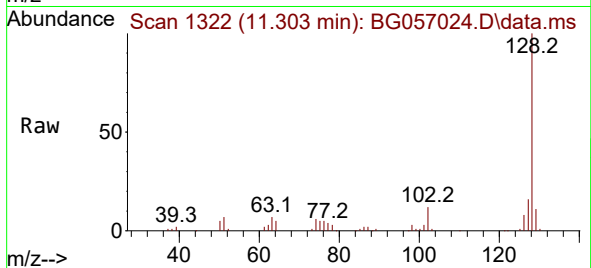
#31
Naphthalene
Concen: 40.715 ng
RT: 11.303 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

Instrument :

BNA_G

ClientSampleId :

PB151961BS

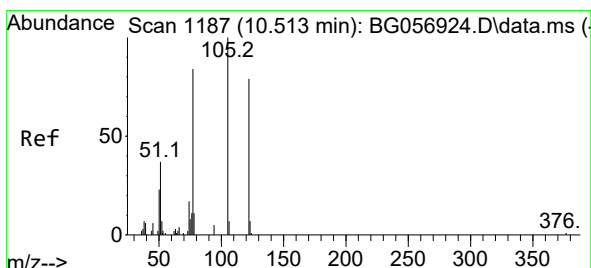
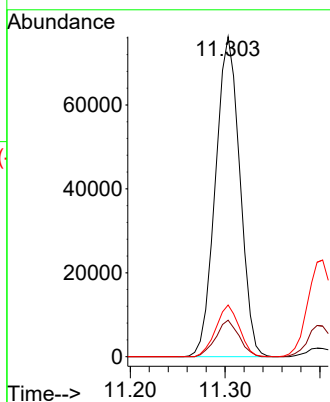
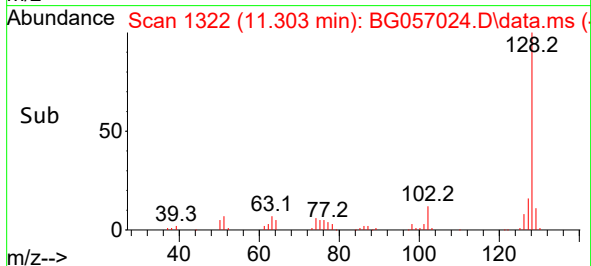


Tgt Ion:128 Resp: 136540
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.2
127 16.2 12.2 18.4

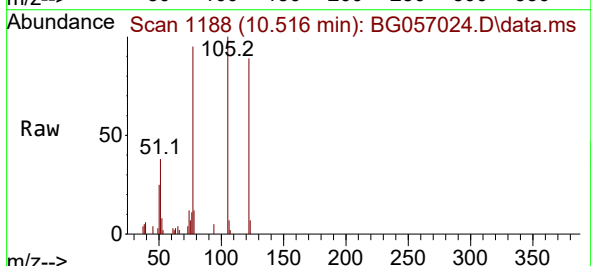
Manual Integrations

APPROVED

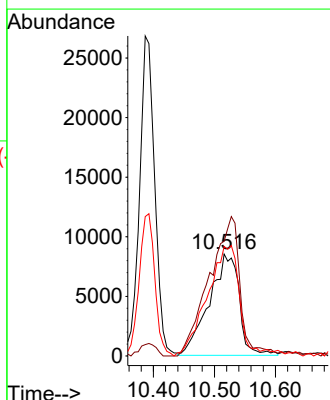
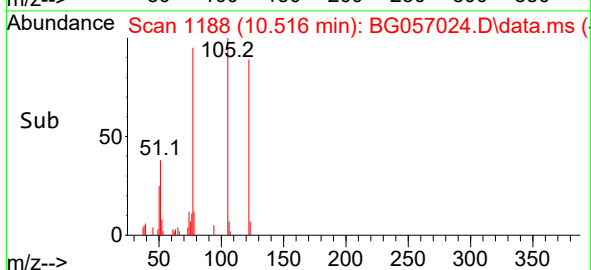
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023

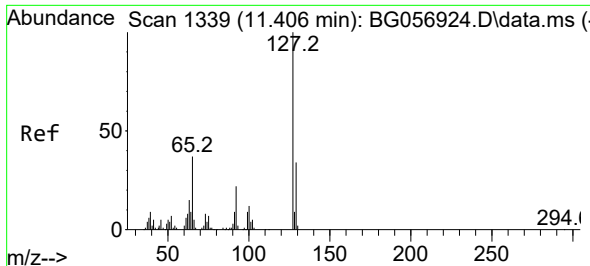


#32
Benzoic acid
Concen: 40.389 ng m
RT: 10.516 min Scan# 1188
Delta R.T. -0.007 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11



Tgt Ion:122 Resp: 29067
Ion Ratio Lower Upper
122 100
105 112.6 105.4 145.4
77 107.4 87.4 127.4





#33
4-Chloroaniline
Concen: 29.844 ng
RT: 11.403 min Scan# 1139
Delta R.T. 0.005 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

Instrument :

BNA_G

ClientSampleId :

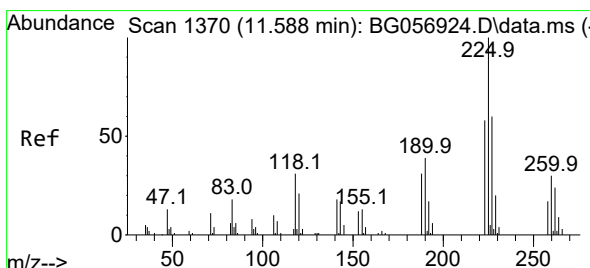
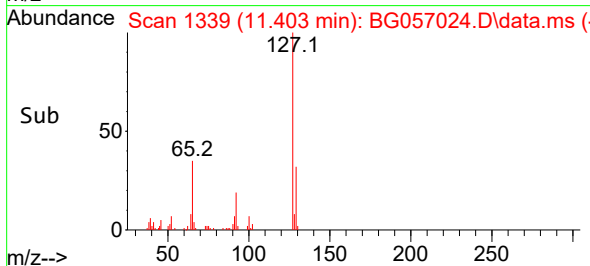
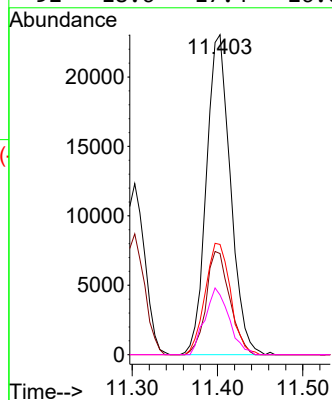
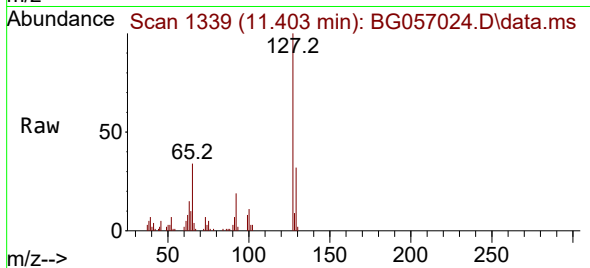
PB151961BS

Tgt Ion:127	Resp:	4520
Ion Ratio	Lower	Upper
127	100	
129	31.6	27.6 41.4
65	34.5	29.8 44.8
92	18.6	17.4 26.0

Manual Integrations

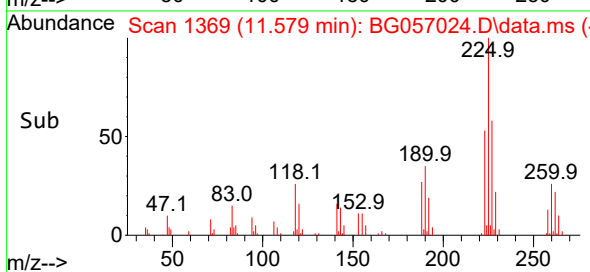
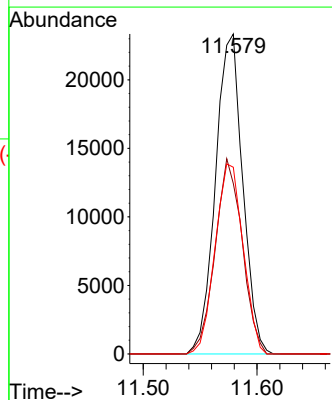
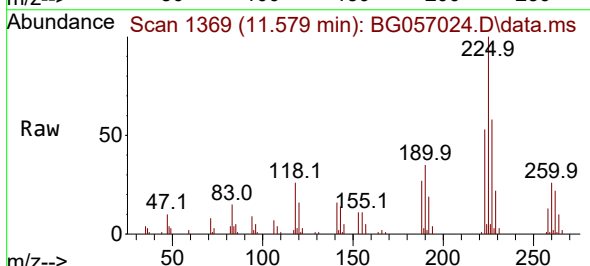
APPROVED

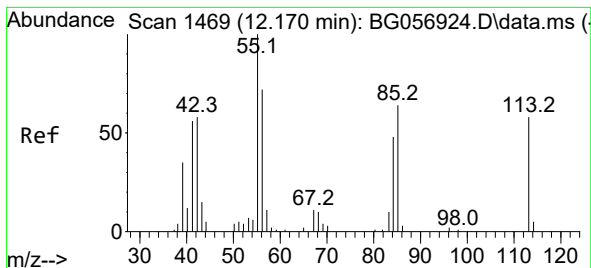
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023



#34
Hexachlorobutadiene
Concen: 43.112 ng
RT: 11.579 min Scan# 1369
Delta R.T. 0.005 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

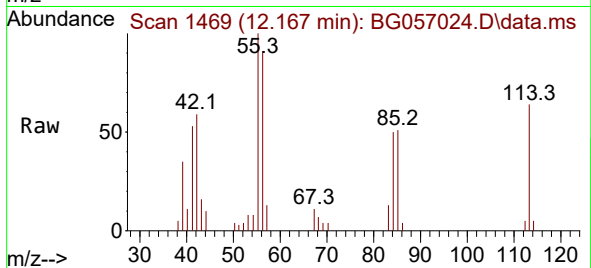
Tgt Ion:225	Resp:	38771
Ion Ratio	Lower	Upper
225	100	
223	53.3	46.4 69.6
227	58.3	48.0 72.0





#35
Caprolactam
Concen: 41.990 ng m
RT: 12.167 min Scan# 1469
Delta R.T. -0.007 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

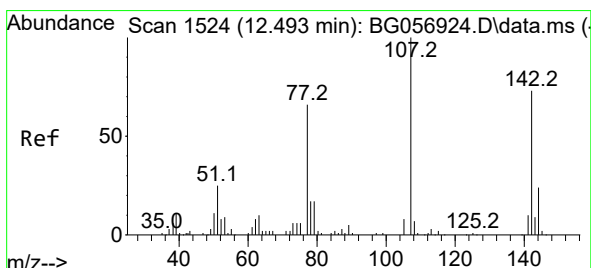
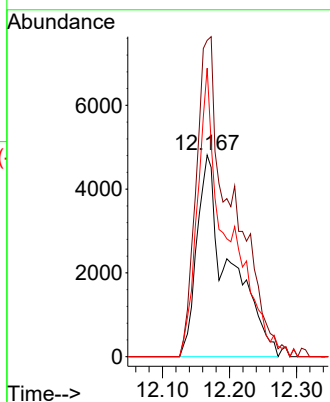
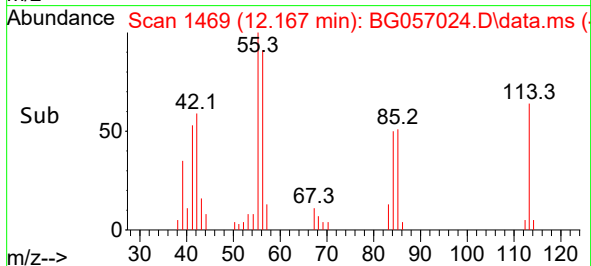
Instrument :
BNA_G
ClientSampleId :
PB151961BS



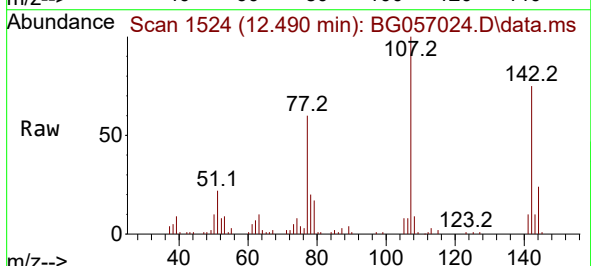
Tgt Ion:113 Resp: 16310
Ion Ratio Lower Upper
113 100
55 156.9 151.6 191.6
56 143.1 103.7 143.7

Manual Integrations
APPROVED

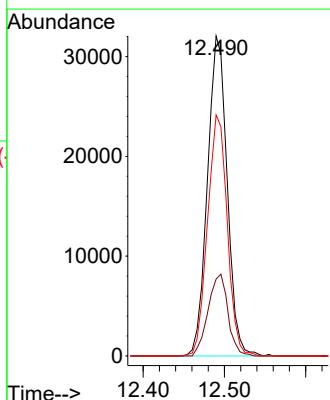
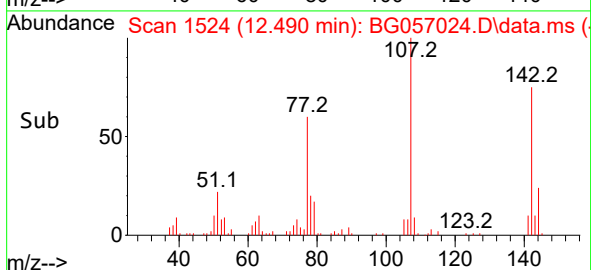
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023

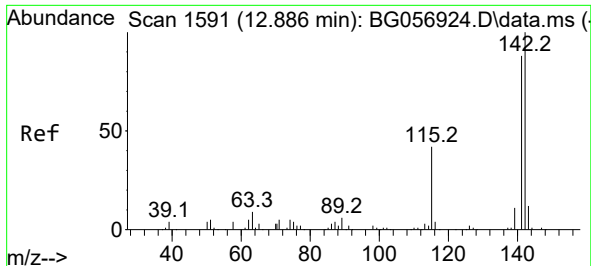


#36
4-Chloro-3-methylphenol
Concen: 42.900 ng
RT: 12.490 min Scan# 1524
Delta R.T. -0.001 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11



Tgt Ion:107 Resp: 54056
Ion Ratio Lower Upper
107 100
144 24.1 19.0 28.4
142 75.3 58.6 88.0





#37

2-Methylnaphthalene

Concen: 39.219 ng

RT: 12.877 min Scan# 1590

Delta R.T. -0.001 min

Lab File: BG057024.D

Acq: 7 Apr 2023 13:11

Instrument :

BNA_G

ClientSampleId :

PB151961BS

Tgt Ion:142 Resp: 104380

Ion Ratio Lower Upper

142 100

141 87.9 70.3 105.5

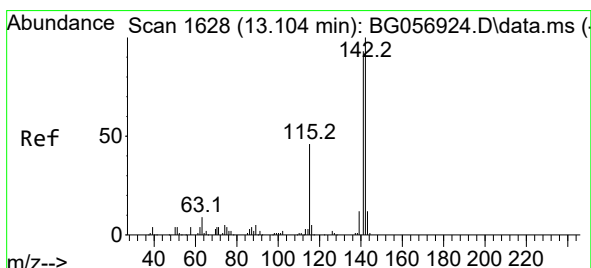
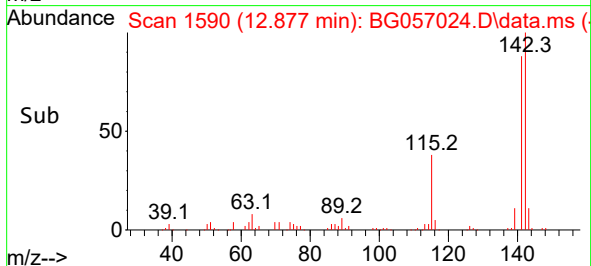
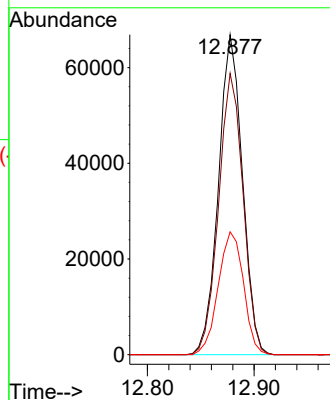
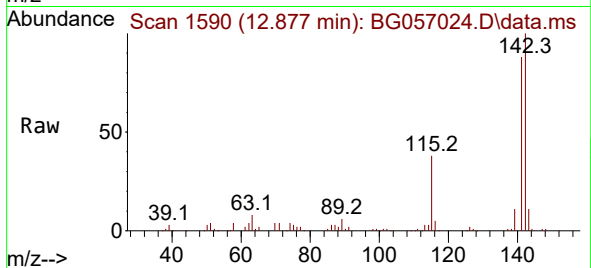
115 38.4 33.5 50.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/10/2023

Supervised By :Jagrut Upadhyay 04/10/2023



#38

1-Methylnaphthalene

Concen: 38.267 ng

RT: 13.095 min Scan# 1627

Delta R.T. -0.001 min

Lab File: BG057024.D

Acq: 7 Apr 2023 13:11

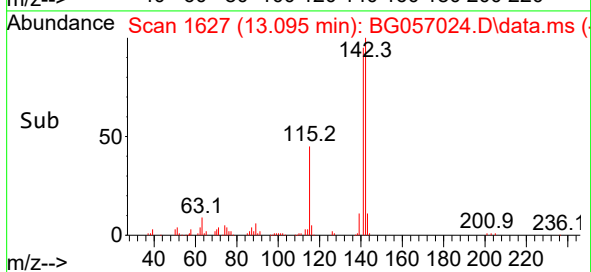
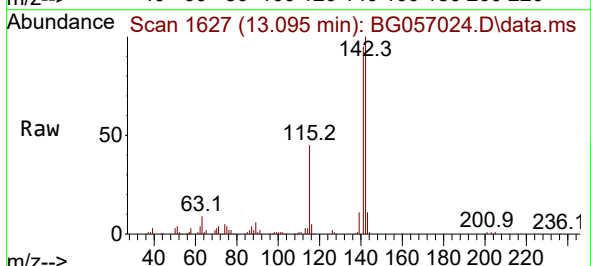
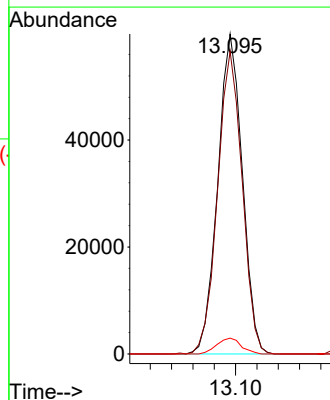
Tgt Ion:142 Resp: 95639

Ion Ratio Lower Upper

142 100

141 94.5 74.0 111.0

116 5.0 3.7 5.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.022 min Scan# 1955
Delta R.T. -0.001 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

Instrument :

BNA_G

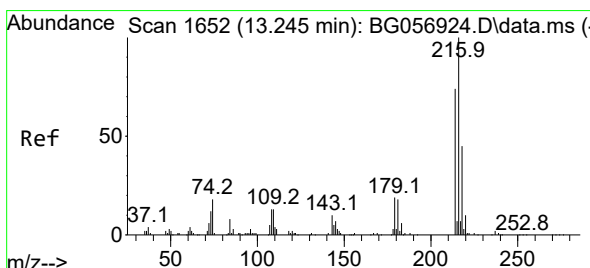
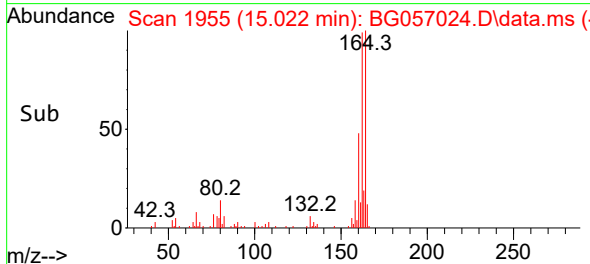
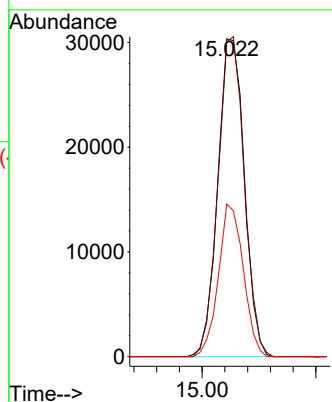
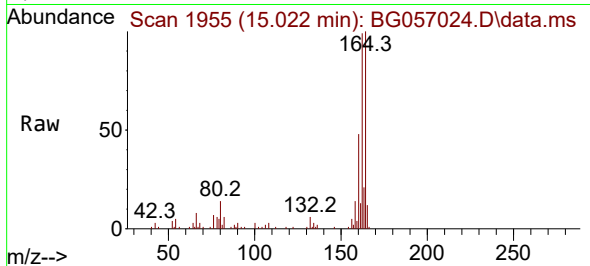
ClientSampleId :

PB151961BS

Tgt Ion:164 Resp: 4925
Ion Ratio Lower Upper
164 100
162 99.0 77.8 116.8
160 48.0 33.5 50.3

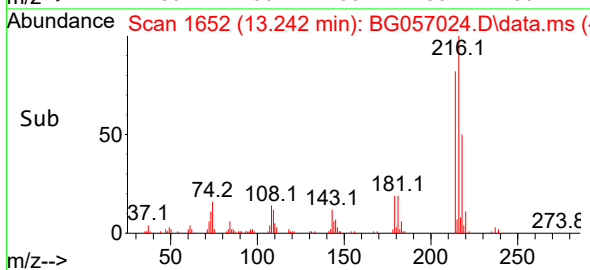
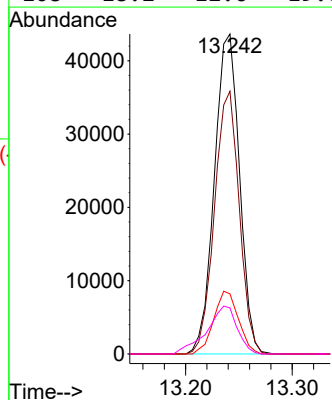
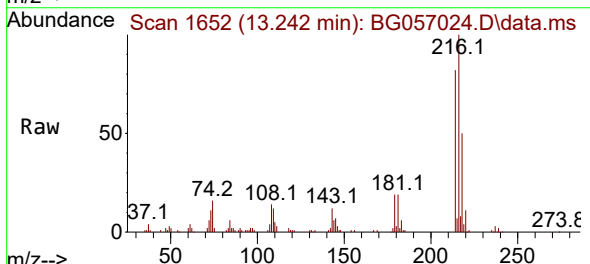
Manual Integrations
APPROVED

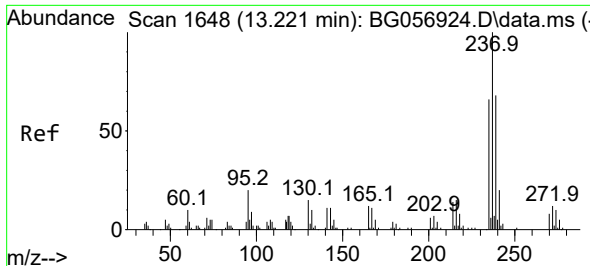
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.767 ng
RT: 13.242 min Scan# 1652
Delta R.T. 0.005 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

Tgt Ion:216 Resp: 71337
Ion Ratio Lower Upper
216 100
214 80.9 63.3 94.9
179 19.3 15.0 22.6
108 18.2 12.6 19.0





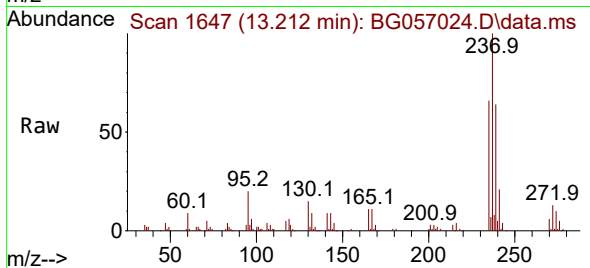
#41
Hexachlorocyclopentadiene
Concen: 107.343 ng
RT: 13.212 min Scan# 1647
Delta R.T. -0.001 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

Instrument :

BNA_G

ClientSampleId :

PB151961BS

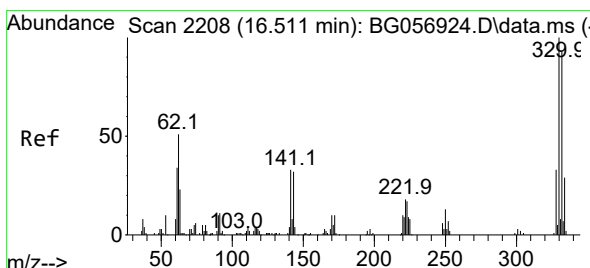
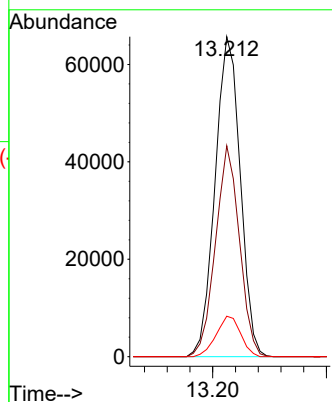
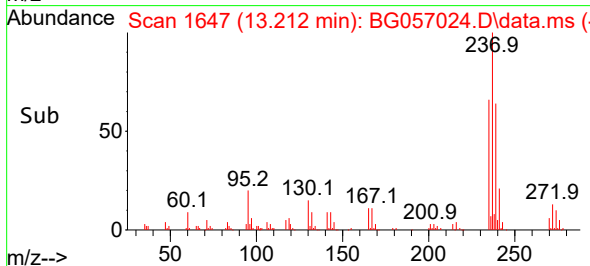


Tgt Ion:237 Resp: 101014
Ion Ratio Lower Upper
237 100
235 65.9 45.9 85.9
272 12.7 0.0 32.3

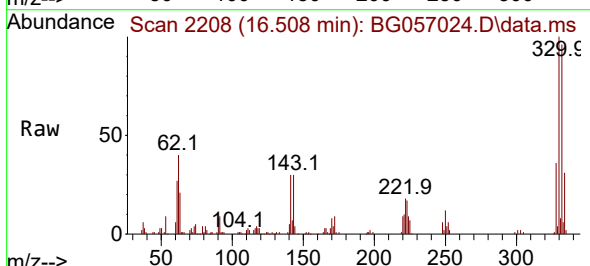
Manual Integrations

APPROVED

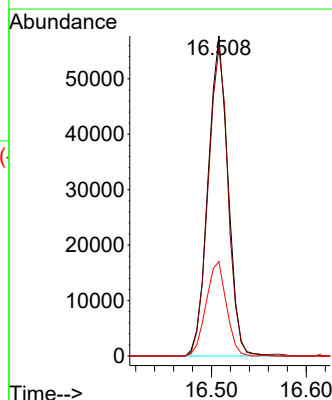
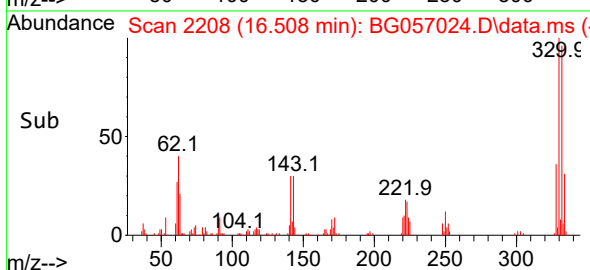
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023

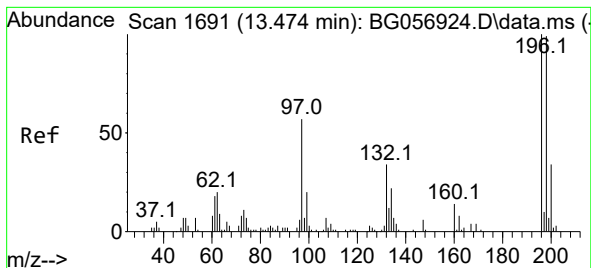


#42
2,4,6-Tribromophenol
Concen: 106.869 ng
RT: 16.508 min Scan# 2208
Delta R.T. 0.005 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11



Tgt Ion:330 Resp: 84088
Ion Ratio Lower Upper
330 100
332 96.7 76.1 114.1
141 30.0 25.8 38.6





#43

2,4,6-Trichlorophenol

Concen: 43.013 ng

RT: 13.465 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG057024.D

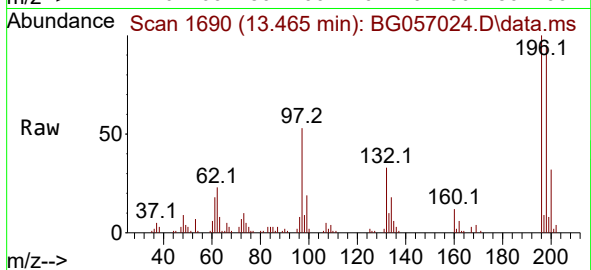
Acq: 7 Apr 2023 13:11

Instrument :

BNA_G

ClientSampleId :

PB151961BS



Tgt Ion:196 Resp: 46880

Ion Ratio Lower Upper

196 100

198 95.4 79.1 118.7

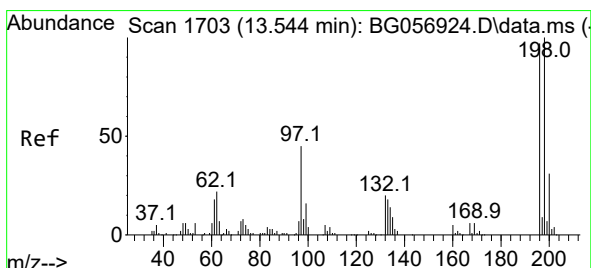
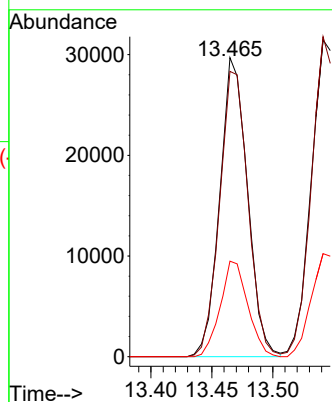
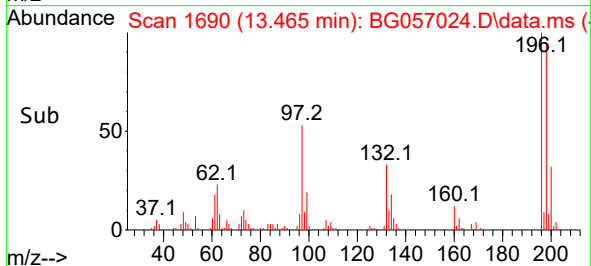
200 31.9 27.2 40.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/10/2023

Supervised By :Jagrut Upadhyay 04/10/2023



#44

2,4,5-Trichlorophenol

Concen: 39.961 ng

RT: 13.541 min Scan# 1703

Delta R.T. -0.001 min

Lab File: BG057024.D

Acq: 7 Apr 2023 13:11

Tgt Ion:196 Resp: 51596

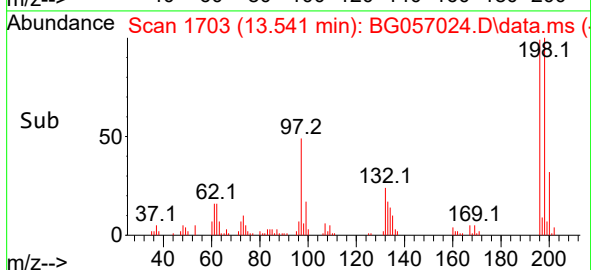
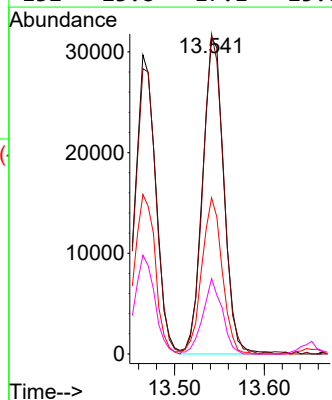
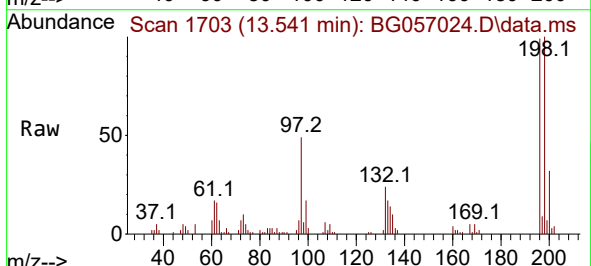
Ion Ratio Lower Upper

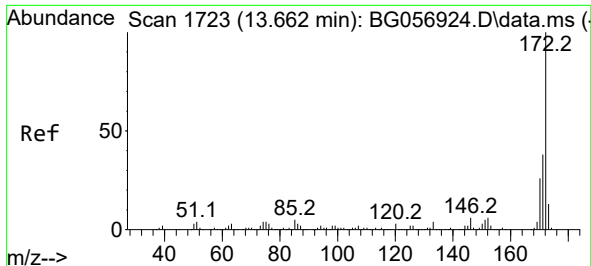
196 100

198 101.0 82.5 123.7

97 49.3 37.0 55.6

132 23.8 17.1 25.7





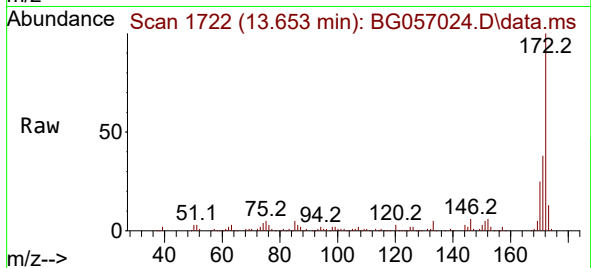
#45
2-Fluorobiphenyl
Concen: 65.319 ng
RT: 13.653 min Scan# 1722
Delta R.T. 0.005 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

Instrument :

BNA_G

ClientSampleId :

PB151961BS

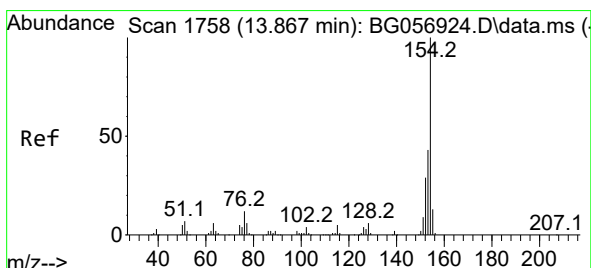
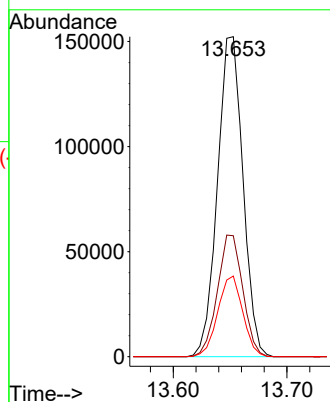
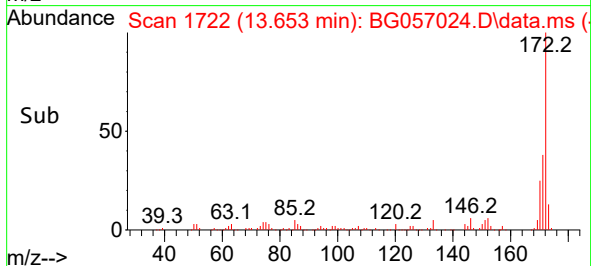


Tgt Ion:172 Resp: 237252
Ion Ratio Lower Upper
172 100
171 37.8 30.6 46.0
170 25.2 20.6 30.8

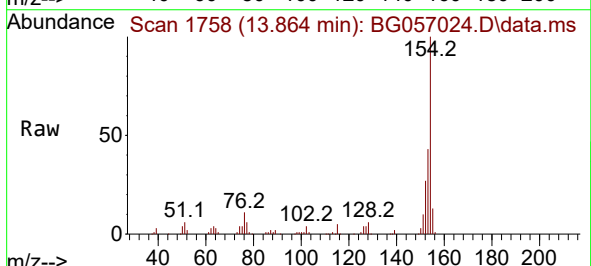
Manual Integrations

APPROVED

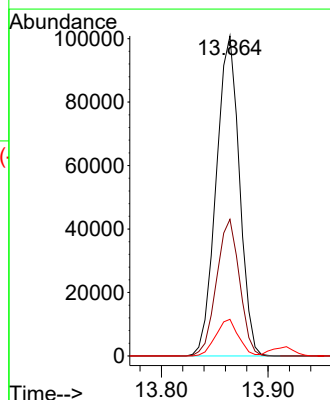
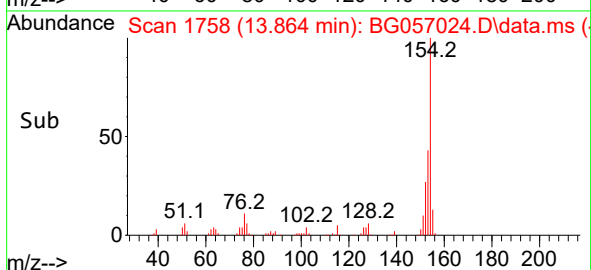
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023

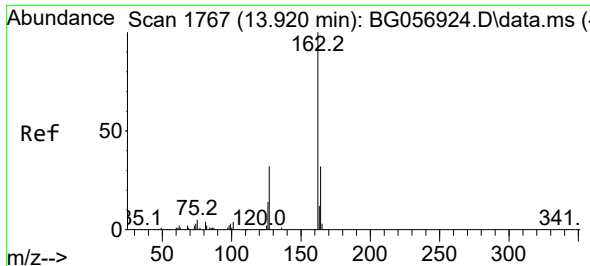


#46
1,1'-Biphenyl
Concen: 42.265 ng
RT: 13.864 min Scan# 1758
Delta R.T. 0.005 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11



Tgt Ion:154 Resp: 152385
Ion Ratio Lower Upper
154 100
153 42.7 23.4 63.4
76 11.5 0.0 31.6





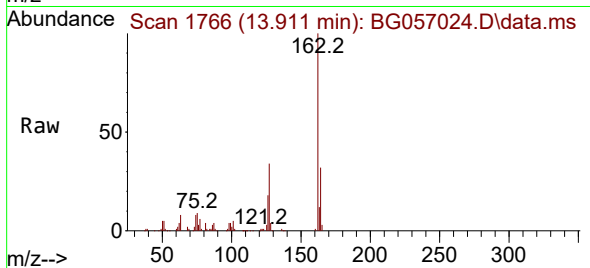
#47
2-Chloronaphthalene
Concen: 43.441 ng
RT: 13.911 min Scan# 1766
Delta R.T. -0.001 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

Instrument :

BNA_G

ClientSampleId :

PB151961BS

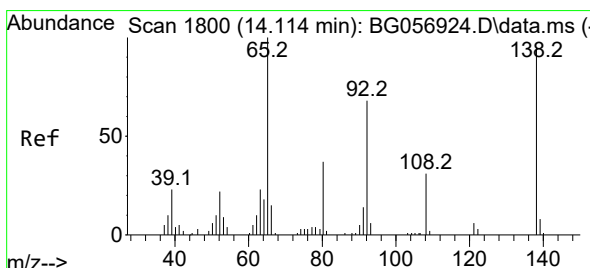
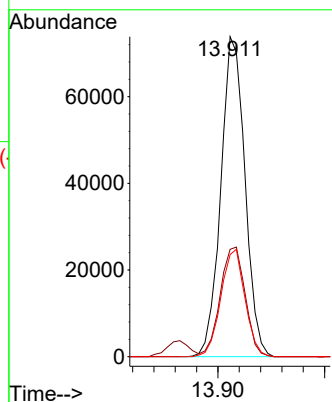
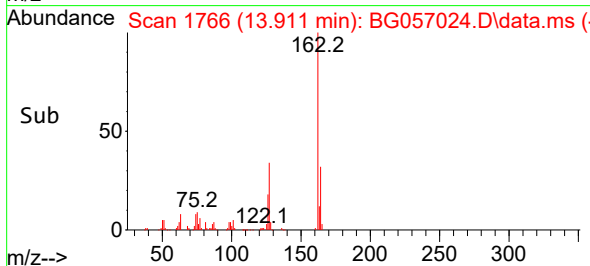


Tgt Ion:162 Resp: 115840
Ion Ratio Lower Upper
162 100
127 33.5 29.5 44.3
164 31.9 25.5 38.3

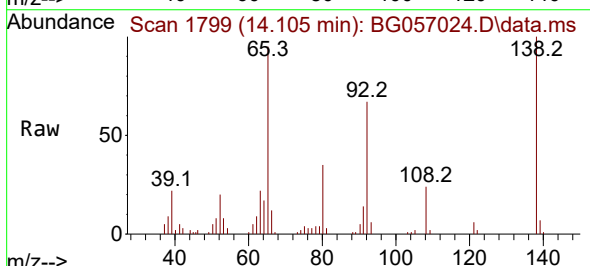
Manual Integrations

APPROVED

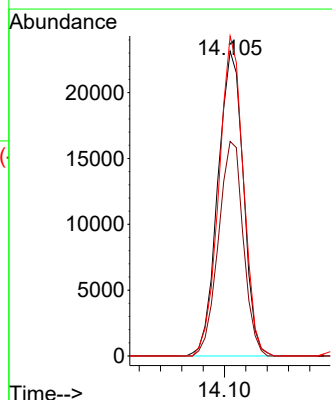
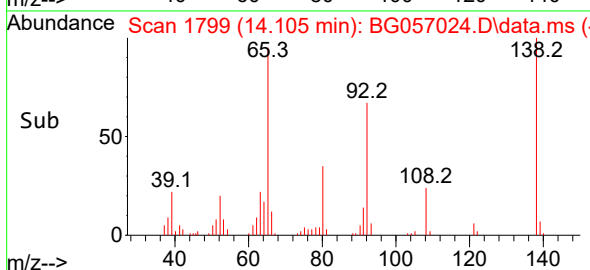
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023

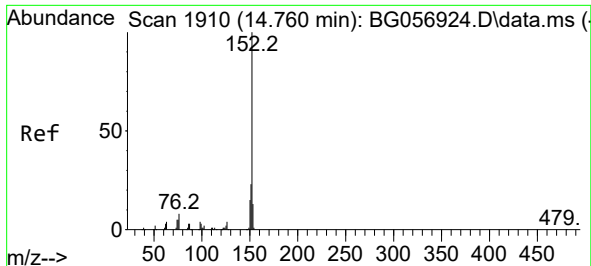


#48
2-Nitroaniline
Concen: 40.253 ng
RT: 14.105 min Scan# 1799
Delta R.T. -0.001 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11



Tgt Ion: 65 Resp: 38381
Ion Ratio Lower Upper
65 100
92 70.4 54.3 81.5
138 105.0 76.0 114.0





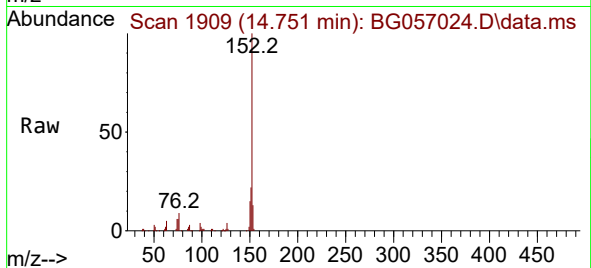
#49
Acenaphthylene
Concen: 41.558 ng
RT: 14.751 min Scan# 1910
Delta R.T. -0.001 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

Instrument :

BNA_G

ClientSampleId :

PB151961BS

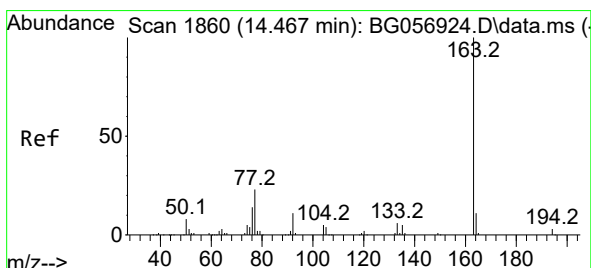
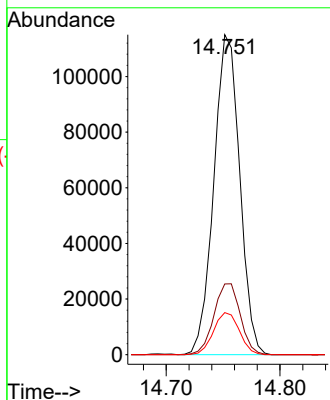
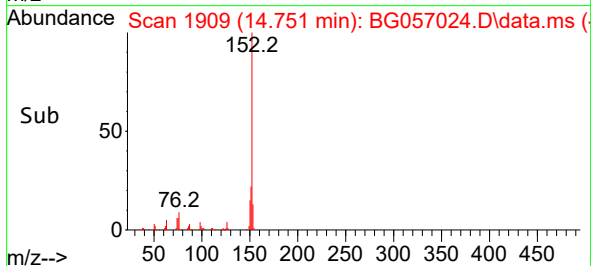


Tgt Ion:152 Resp: 182074
Ion Ratio Lower Upper
152 100
151 22.1 18.2 27.2
153 13.2 10.5 15.7

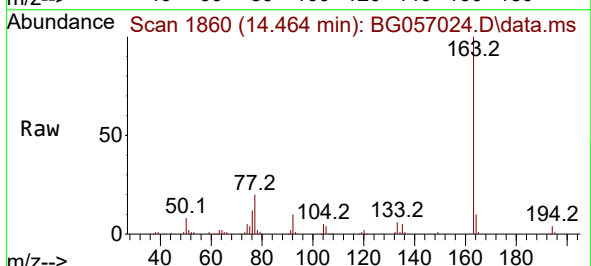
Manual Integrations

APPROVED

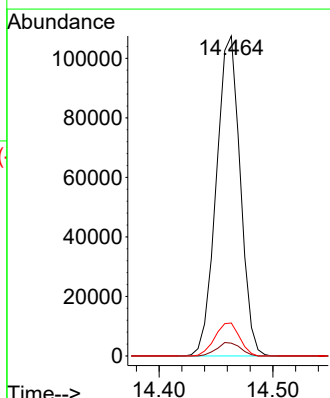
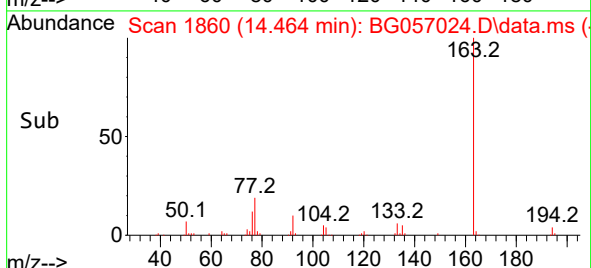
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023

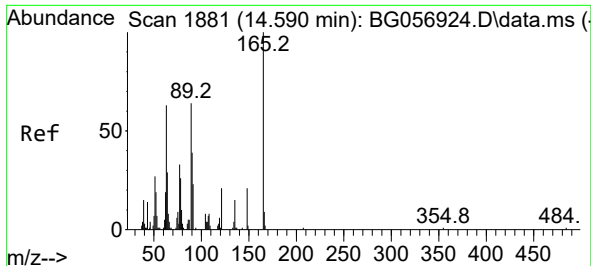


#50
Dimethylphthalate
Concen: 40.467 ng
RT: 14.464 min Scan# 1860
Delta R.T. 0.005 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11



Tgt Ion:163 Resp: 157045
Ion Ratio Lower Upper
163 100
194 4.0 2.8 4.2
164 10.3 8.8 13.2





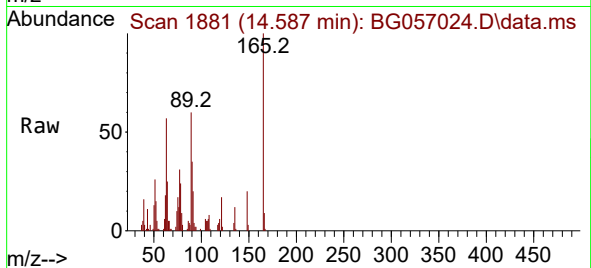
#51
2,6-Dinitrotoluene
Concen: 42.217 ng
RT: 14.587 min Scan# 1881
Delta R.T. -0.001 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

Instrument :

BNA_G

ClientSampleId :

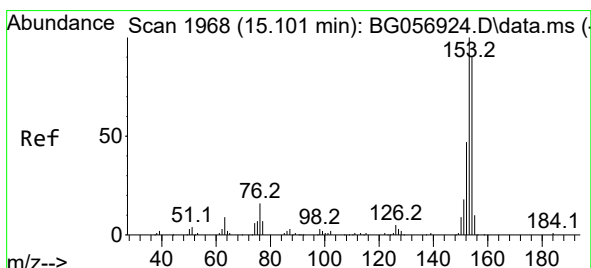
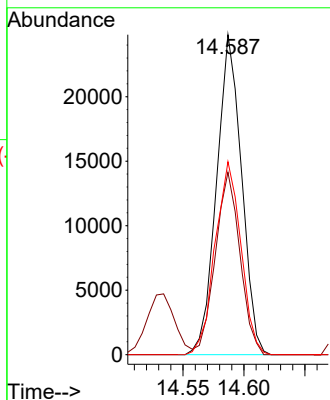
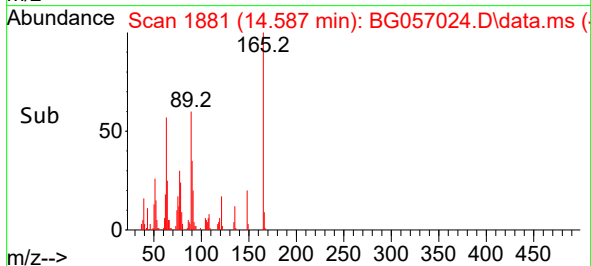
PB151961BS



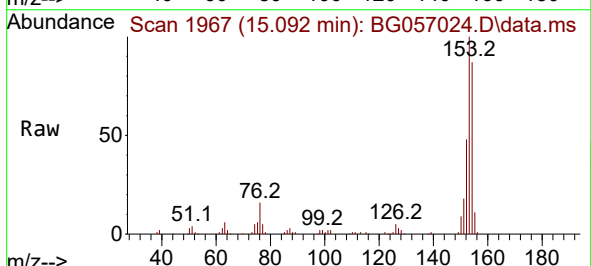
Tgt Ion:165 Resp: 35398
Ion Ratio Lower Upper
165 100
63 57.0 53.0 79.6
89 60.3 51.0 76.4

Manual Integrations
APPROVED

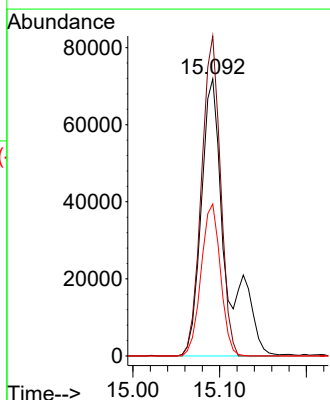
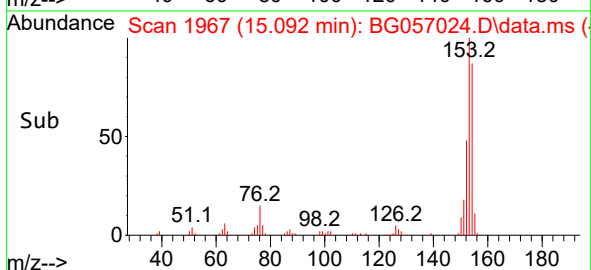
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023

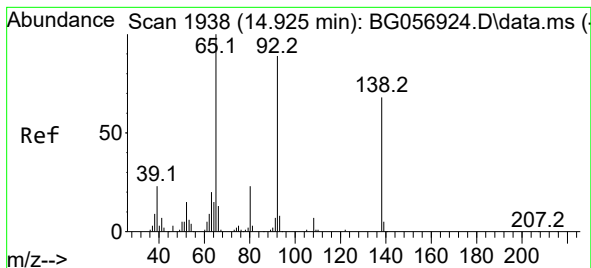


#52
Acenaphthene
Concen: 46.856 ng m
RT: 15.092 min Scan# 1967
Delta R.T. 0.005 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11



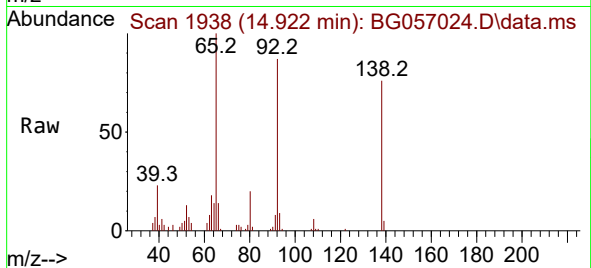
Tgt Ion:154 Resp: 141583
Ion Ratio Lower Upper
154 100
153 115.5 88.9 133.3
152 54.9 41.8 62.8





#53
3-Nitroaniline
Concen: 29.991 ng
RT: 14.922 min Scan# 1938
Delta R.T. 0.005 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

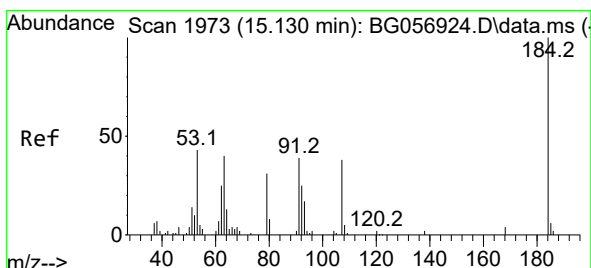
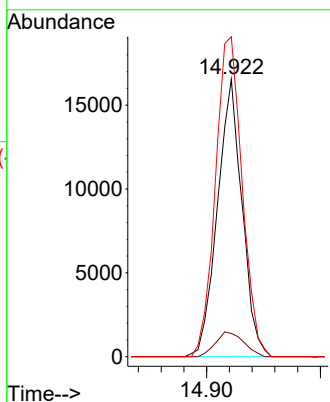
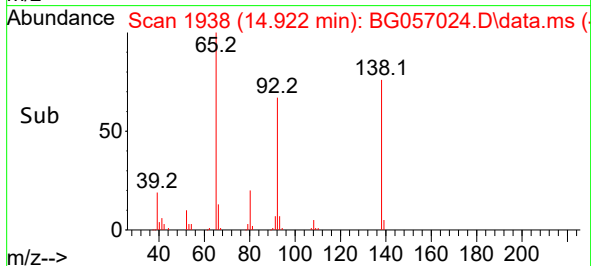
Instrument :
BNA_G
ClientSampleId :
PB151961BS



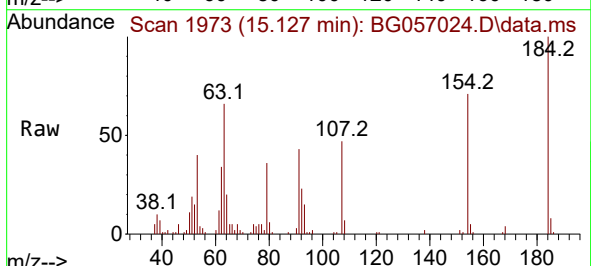
Tgt Ion:138 Resp: 2489
Ion Ratio Lower Upper
138 100
108 8.4 8.2 12.2
92 115.4 105.2 157.8

Manual Integrations
APPROVED

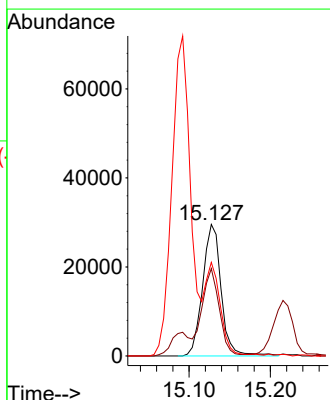
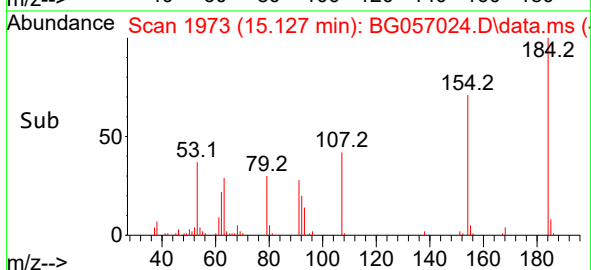
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023



#54
2,4-Dinitrophenol
Concen: 99.360 ng
RT: 15.127 min Scan# 1973
Delta R.T. 0.005 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11



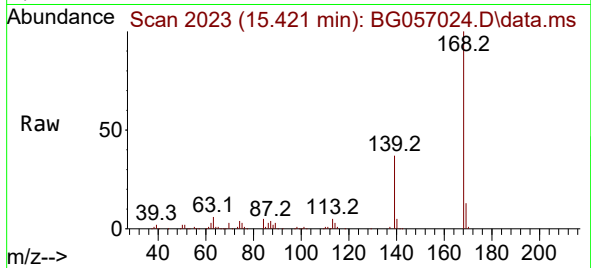
Tgt Ion:184 Resp: 46893
Ion Ratio Lower Upper
184 100
63 66.4 46.5 69.7
154 71.1 53.5 80.3





#55
Dibenzenofuran
Concen: 40.596 ng
RT: 15.421 min Scan# 2024
Delta R.T. 0.005 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

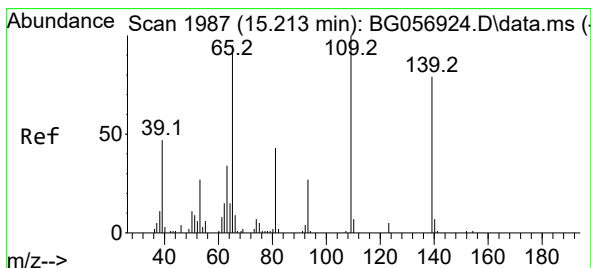
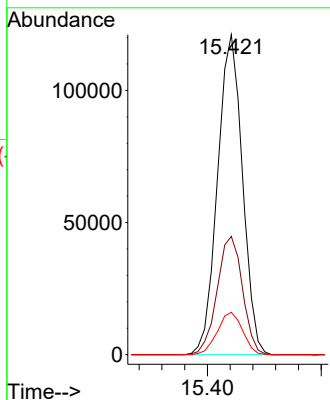
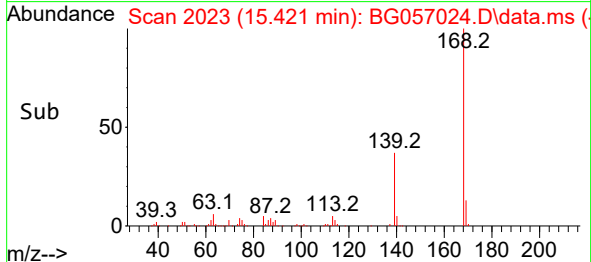
Instrument :
BNA_G
ClientSampleId :
PB151961BS



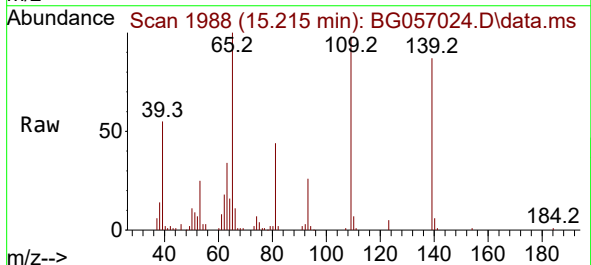
Tgt Ion:168 Resp: 184108
Ion Ratio Lower Upper
168 100
139 37.0 28.9 43.3
169 13.3 9.8 14.6

Manual Integrations
APPROVED

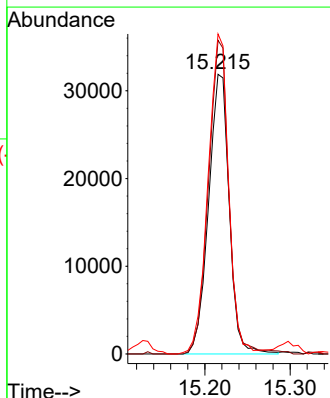
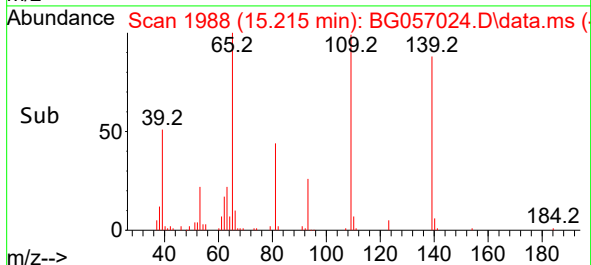
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023

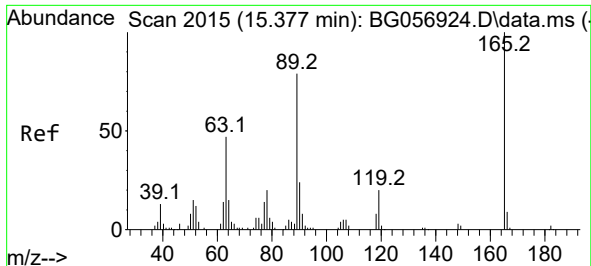


#56
4-Nitrophenol
Concen: 87.498 ng
RT: 15.215 min Scan# 1988
Delta R.T. 0.005 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11



Tgt Ion:139 Resp: 53699
Ion Ratio Lower Upper
139 100
109 112.1 106.7 146.7
65 114.4 100.5 140.5





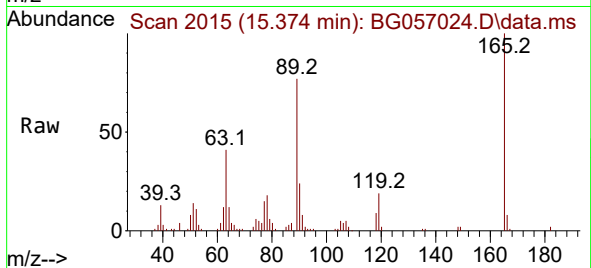
#57
2,4-Dinitrotoluene
Concen: 41.731 ng
RT: 15.374 min Scan# 2015
Delta R.T. 0.005 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

Instrument :

BNA_G

ClientSampleId :

PB151961BS

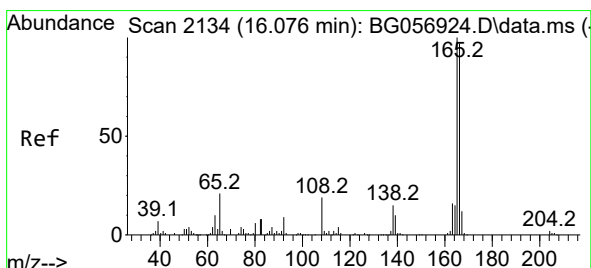
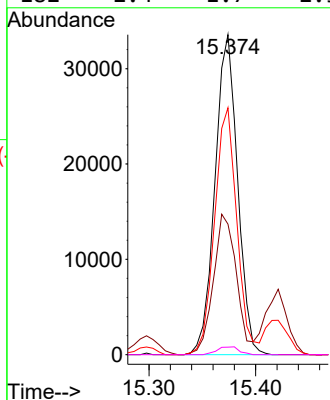
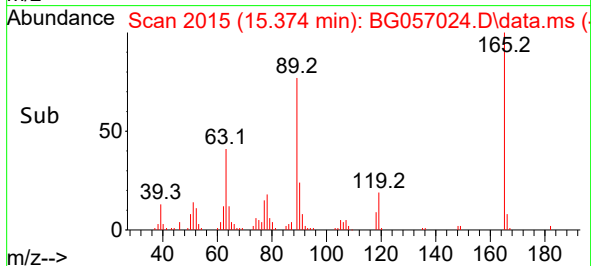


Tgt Ion:165 Resp: 4935
Ion Ratio Lower Upper
165 100
63 40.8 37.7 56.5
89 77.1 63.2 94.8
182 2.4 1.7 2.5

Manual Integrations

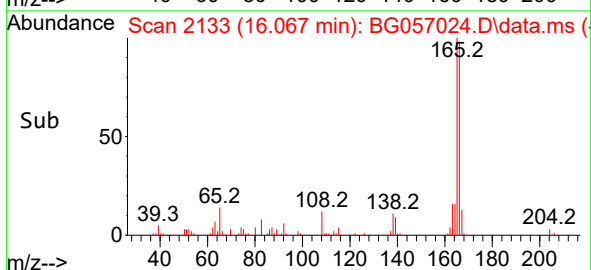
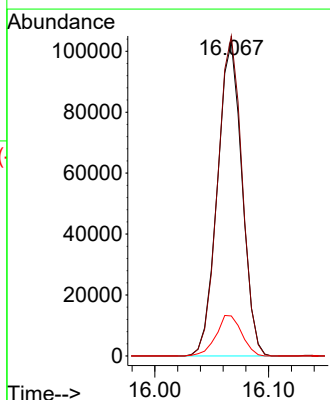
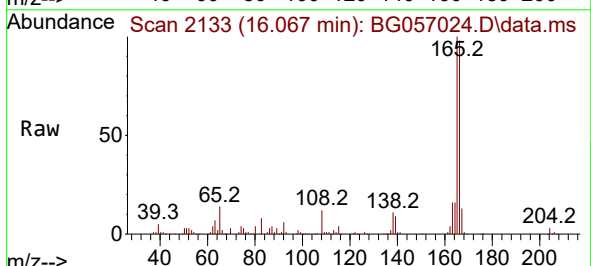
APPROVED

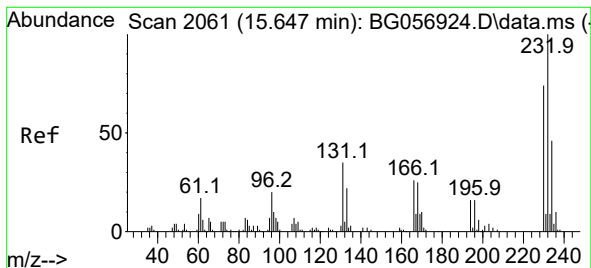
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023



#58
Fluorene
Concen: 41.128 ng
RT: 16.067 min Scan# 2133
Delta R.T. 0.005 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

Tgt Ion:166 Resp: 154345
Ion Ratio Lower Upper
166 100
165 102.0 82.6 123.8
167 12.8 10.2 15.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.030 ng
RT: 15.638 min Scan# 2060
Delta R.T. -0.001 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

Instrument :

BNA_G

ClientSampleId :

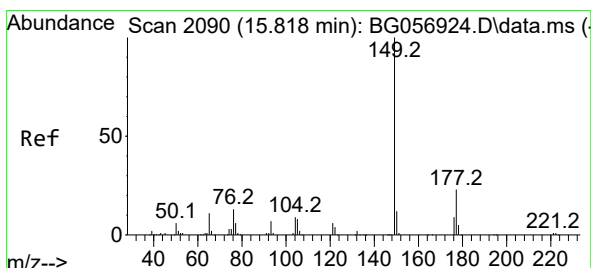
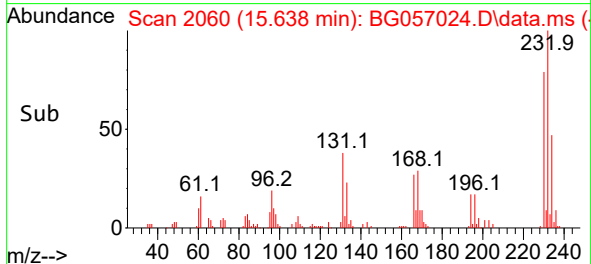
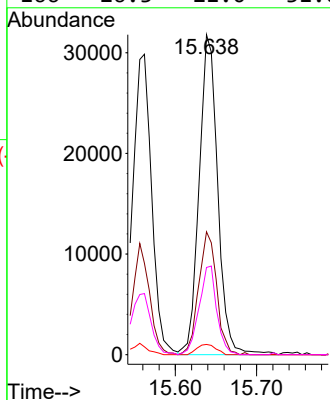
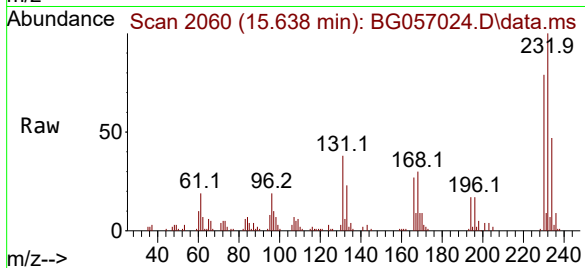
PB151961BS

Tgt Ion:232 Resp: 5058
Ion Ratio Lower Upper
232 100
131 37.3 29.3 43.9
130 3.3 1.7 2.5
166 26.3 21.0 31.6

Manual Integrations

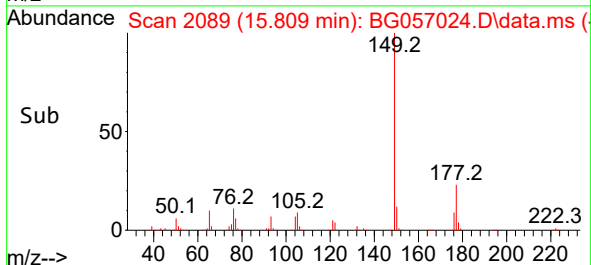
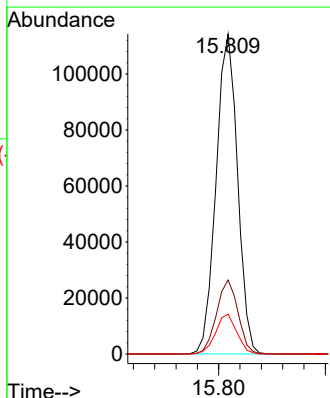
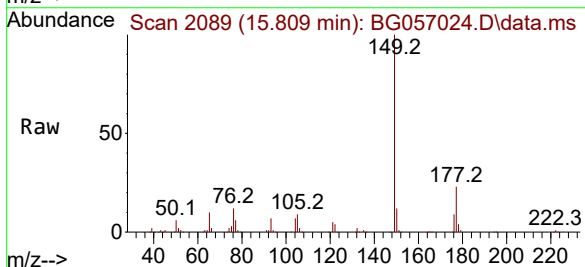
APPROVED

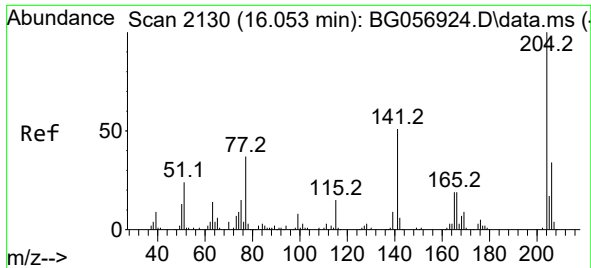
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023



#60
Diethylphthalate
Concen: 40.911 ng
RT: 15.809 min Scan# 2089
Delta R.T. 0.005 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

Tgt Ion:149 Resp: 159164
Ion Ratio Lower Upper
149 100
177 23.1 18.8 28.2
150 12.4 9.4 14.2





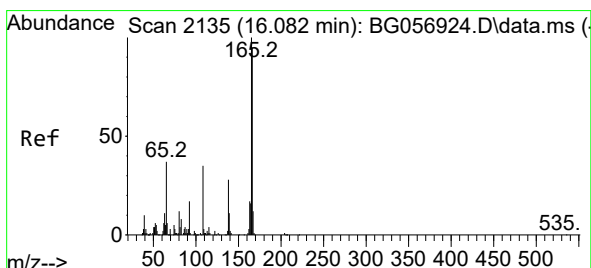
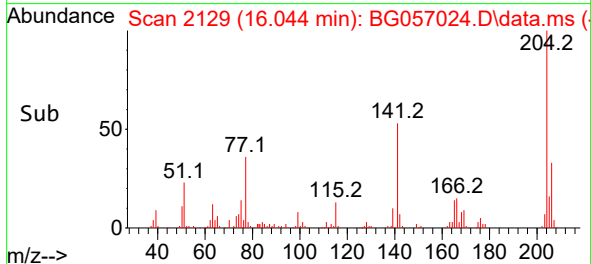
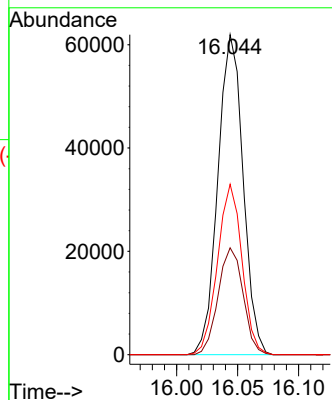
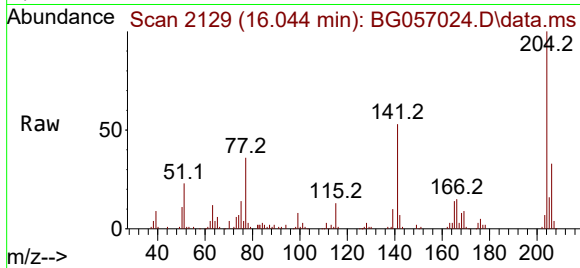
#61
4-Chlorophenyl-phenylether
Concen: 40.469 ng
RT: 16.044 min Scan# 2129
Delta R.T. -0.001 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

Instrument :
BNA_G
ClientSampleId :
PB151961BS

Tgt Ion:204 Resp: 8916
Ion Ratio Lower Upper
204 100
206 33.4 27.2 40.8
141 53.2 40.7 61.1

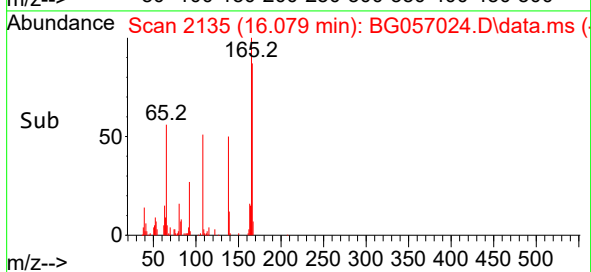
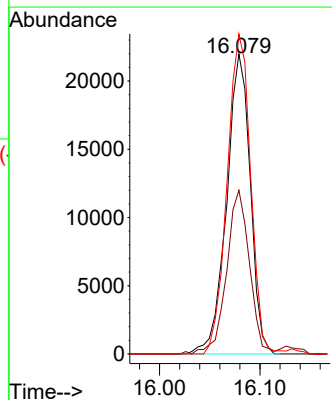
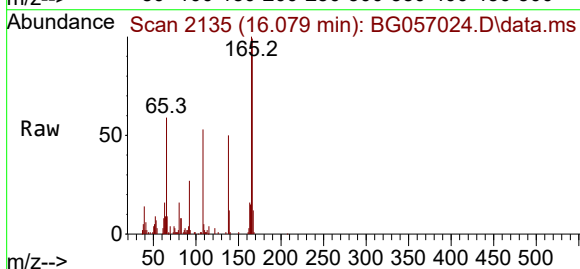
Manual Integrations
APPROVED

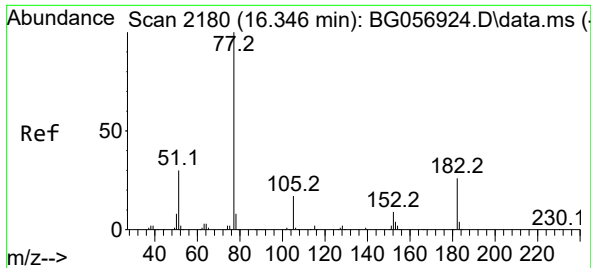
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023



#62
4-Nitroaniline
Concen: 41.838 ng
RT: 16.079 min Scan# 2135
Delta R.T. -0.001 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

Tgt Ion:138 Resp: 35976
Ion Ratio Lower Upper
138 100
92 54.5 40.9 80.9
108 106.7 104.3 144.3





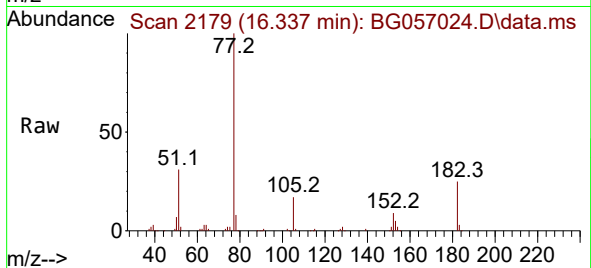
#63
Azobenzene
Concen: 39.467 ng
RT: 16.337 min Scan# 2180
Delta R.T. -0.001 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

Instrument :

BNA_G

ClientSampleId :

PB151961BS

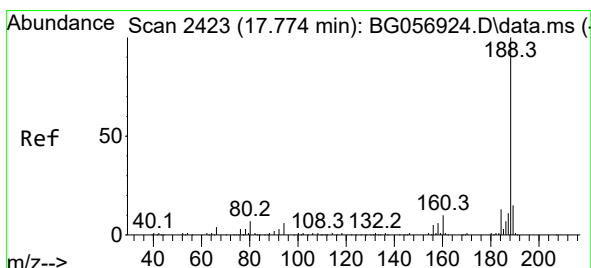
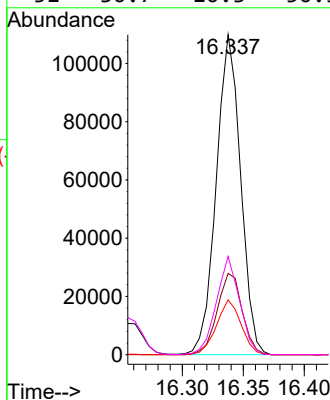
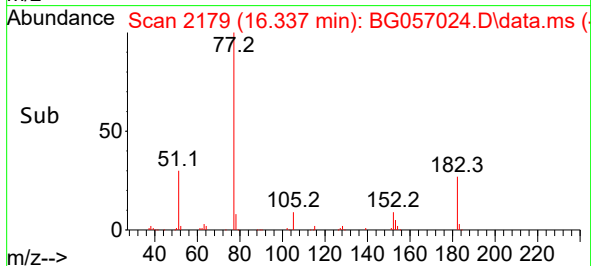


Tgt Ion: 77 Resp: 15302
Ion Ratio Lower Upper
77 100
182 25.4 5.9 45.9
105 17.1 0.0 36.8
51 30.7 10.3 50.3

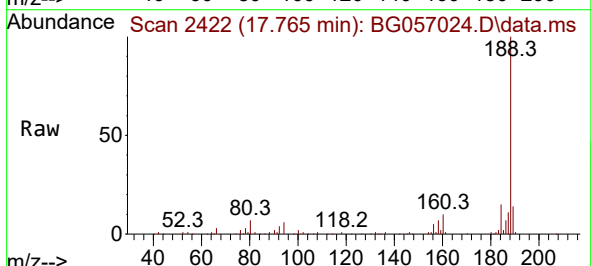
Manual Integrations

APPROVED

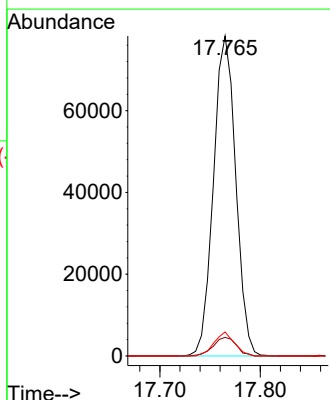
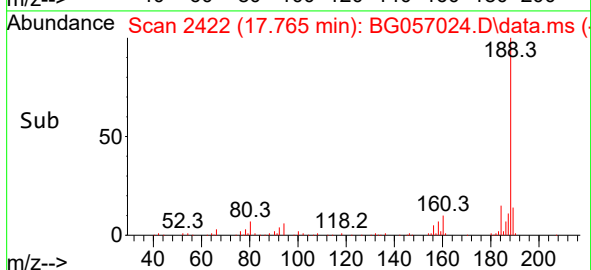
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023

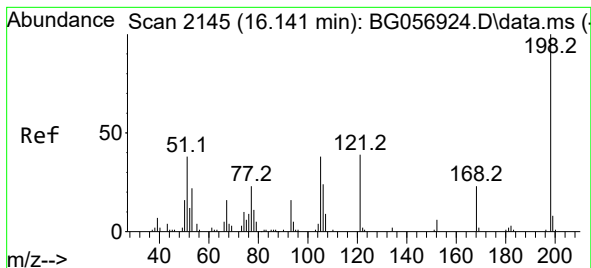


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.765 min Scan# 2422
Delta R.T. 0.005 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11



Tgt Ion:188 Resp: 120537
Ion Ratio Lower Upper
188 100
94 5.8 4.6 6.8
80 7.5 5.5 8.3





#65
4,6-Dinitro-2-methylphenol
Concen: 44.429 ng
RT: 16.138 min Scan# 2145
Delta R.T. 0.005 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

Instrument :

BNA_G

ClientSampleId :

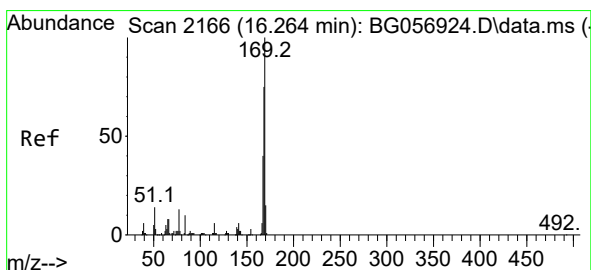
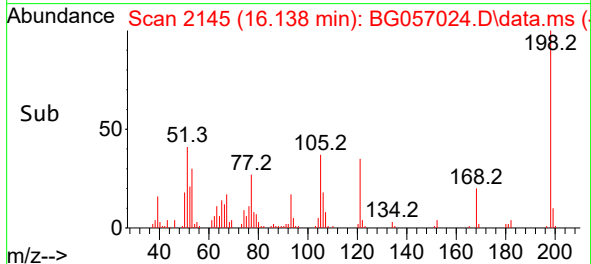
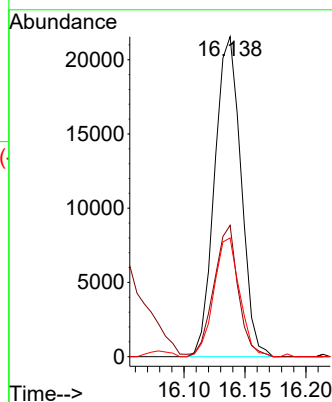
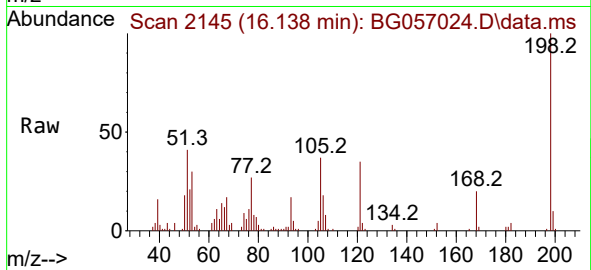
PB151961BS

Tgt Ion:198 Resp: 32434
Ion Ratio Lower Upper
198 100
51 41.0 20.5 60.5
105 37.1 18.1 58.1

Manual Integrations

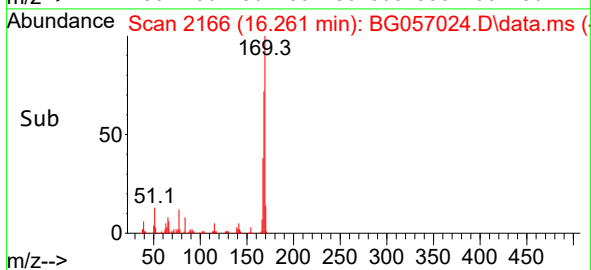
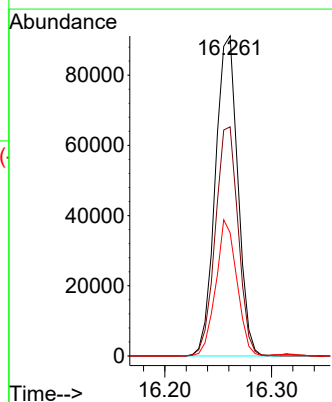
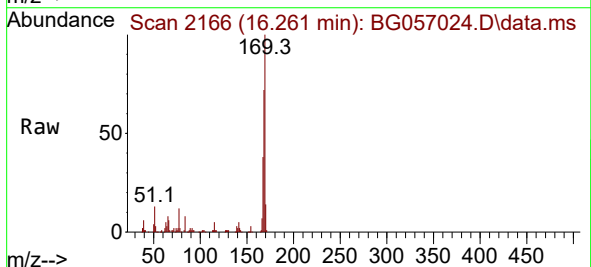
APPROVED

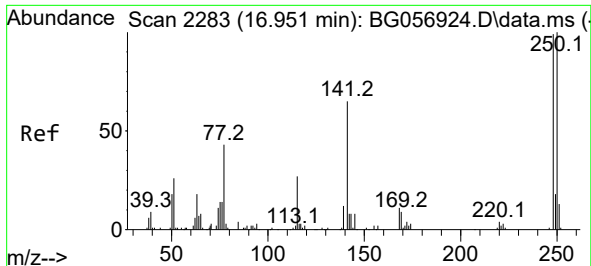
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023



#66
n-Nitrosodiphenylamine
Concen: 41.210 ng
RT: 16.261 min Scan# 2166
Delta R.T. 0.005 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

Tgt Ion:169 Resp: 133344
Ion Ratio Lower Upper
169 100
168 71.6 59.6 89.4
167 38.5 31.8 47.8





#67
4-Bromophenyl-phenylether
Concen: 40.738 ng
RT: 16.937 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

Instrument :

BNA_G

ClientSampleId :

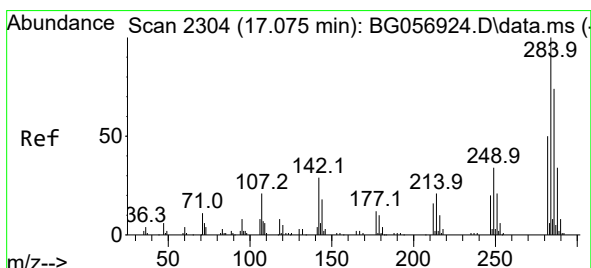
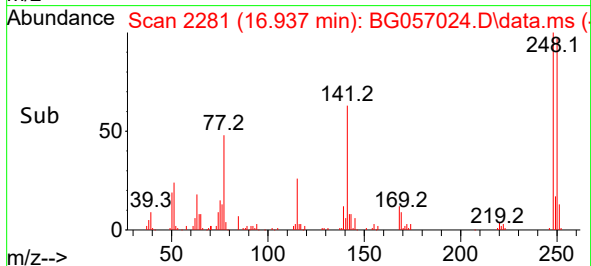
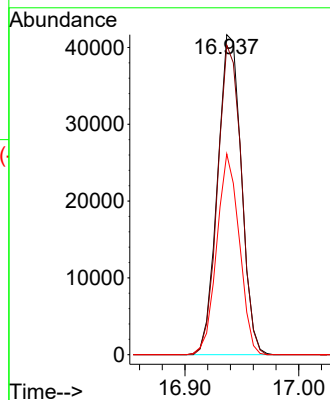
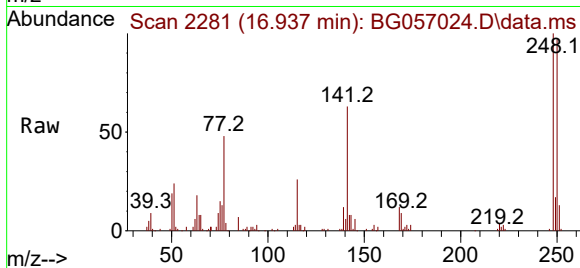
PB151961BS

Tgt Ion:248 Resp: 60758
Ion Ratio Lower Upper
248 100
250 96.8 80.5 120.7
141 62.8 52.0 78.0

Manual Integrations

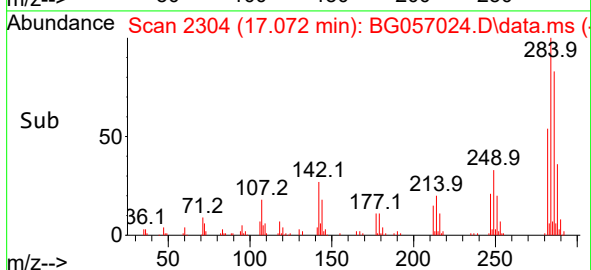
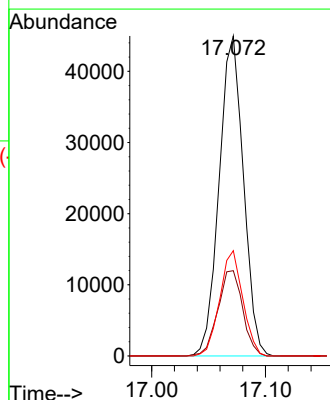
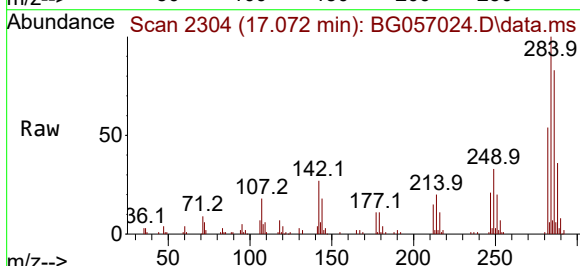
APPROVED

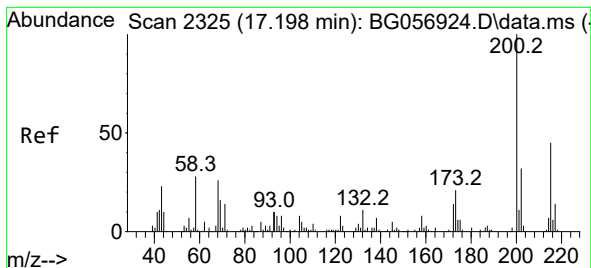
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023



#68
Hexachlorobenzene
Concen: 45.229 ng
RT: 17.072 min Scan# 2304
Delta R.T. 0.005 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

Tgt Ion:284 Resp: 66690
Ion Ratio Lower Upper
284 100
142 26.6 23.0 34.4
249 32.9 27.1 40.7





#69

Atrazine

Concen: 42.913 ng

RT: 17.189 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG057024.D

Acq: 7 Apr 2023 13:11

Instrument :

BNA_G

ClientSampleId :

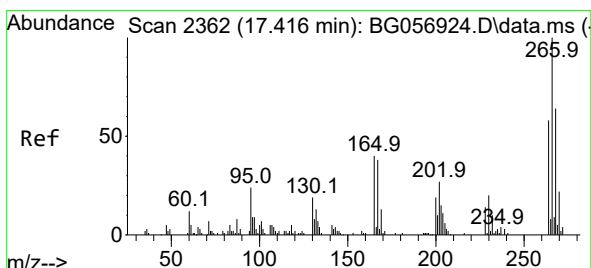
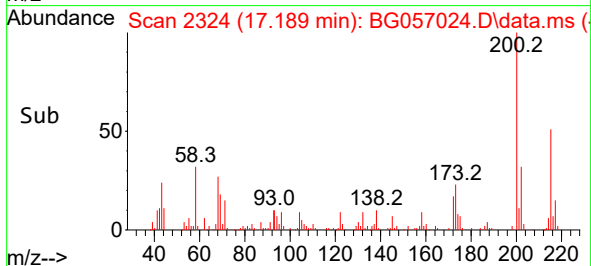
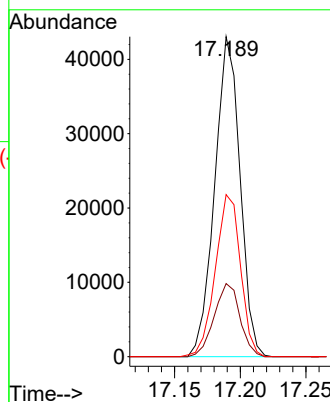
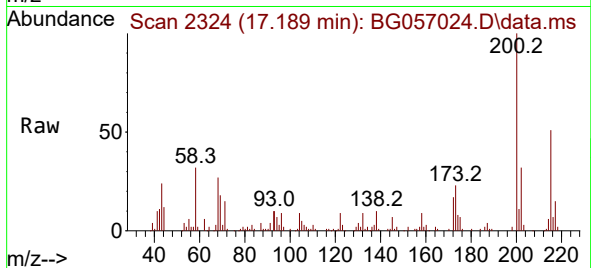
PB151961BS

Tgt Ion:200 Resp: 57639
 Ion Ratio Lower Upper
 200 100
 173 22.9 1.0 41.0
 215 50.7 25.0 65.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/10/2023
 Supervised By :Jagrut Upadhyay 04/10/2023



#70

Pentachlorophenol

Concen: 75.379 ng

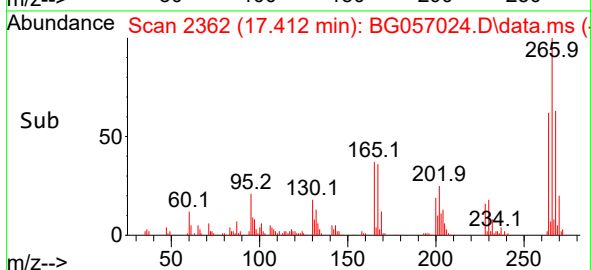
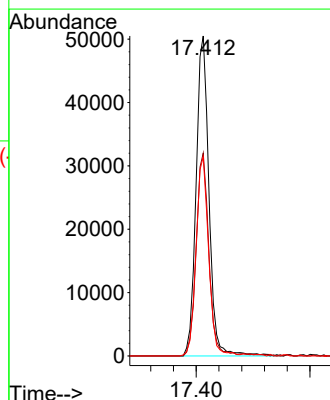
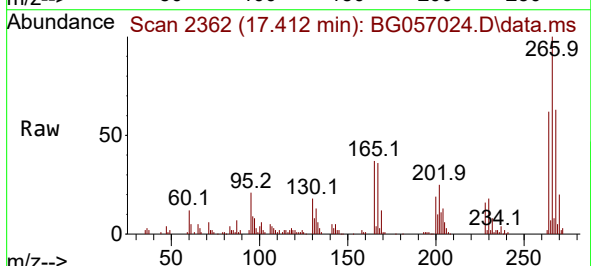
RT: 17.412 min Scan# 2362

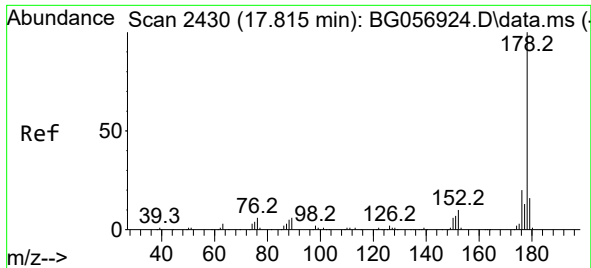
Delta R.T. 0.005 min

Lab File: BG057024.D

Acq: 7 Apr 2023 13:11

Tgt Ion:266 Resp: 79738
 Ion Ratio Lower Upper
 266 100
 268 63.4 51.0 76.6
 264 62.3 46.8 70.2





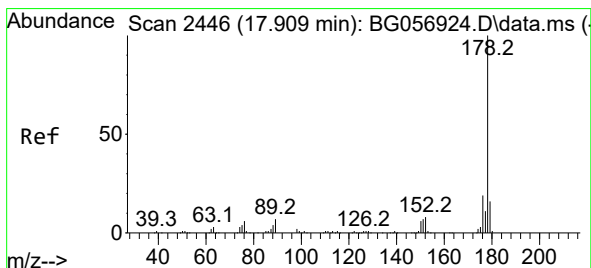
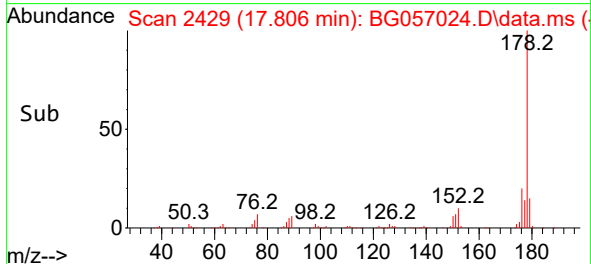
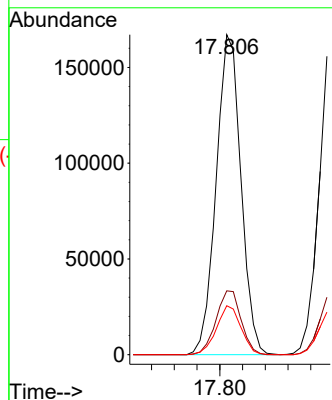
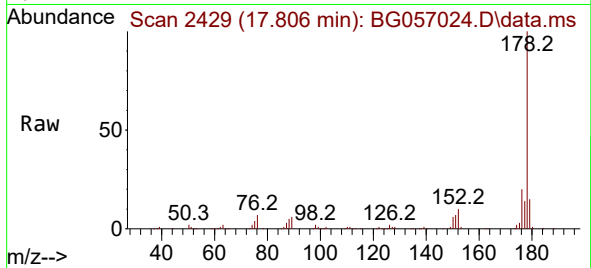
#71
Phenanthrene
Concen: 41.138 ng
RT: 17.806 min Scan# 2430
Delta R.T. -0.001 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

Instrument :
BNA_G
ClientSampleId :
PB151961BS

Tgt Ion:178 Resp: 25281
Ion Ratio Lower Upper
178 100
176 20.0 16.2 24.2
179 15.3 12.5 18.7

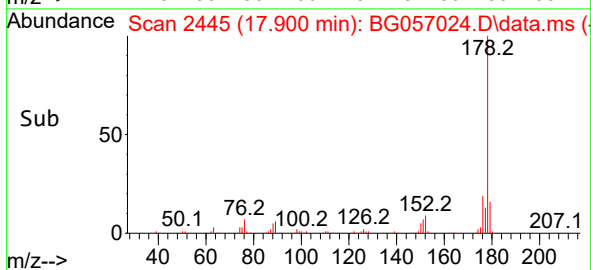
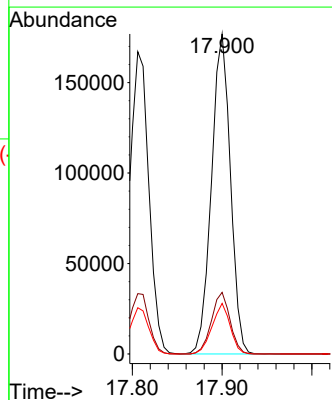
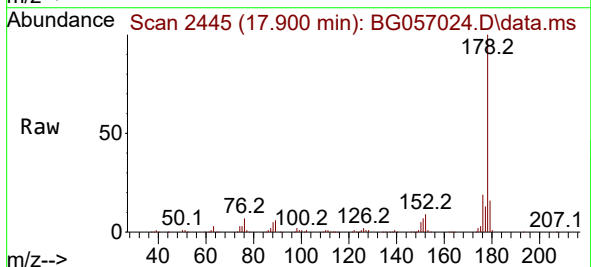
Manual Integrations
APPROVED

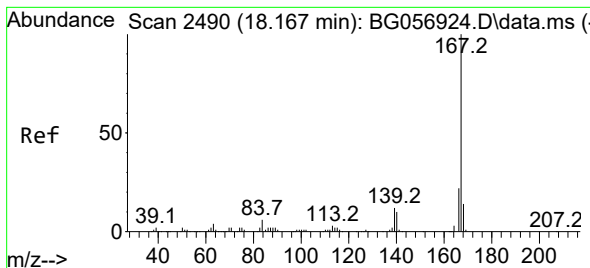
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023



#72
Anthracene
Concen: 41.151 ng
RT: 17.900 min Scan# 2445
Delta R.T. 0.005 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

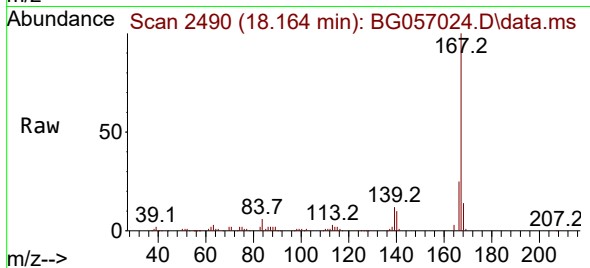
Tgt Ion:178 Resp: 259252
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.8 12.4 18.6





#73
 Carbazole
 Concen: 41.638 ng
 RT: 18.164 min Scan# 2490
 Delta R.T. 0.005 min
 Lab File: BG057024.D
 Acq: 7 Apr 2023 13:11

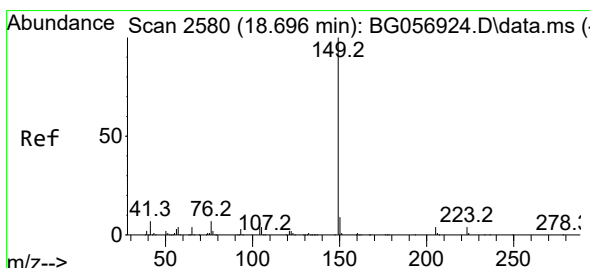
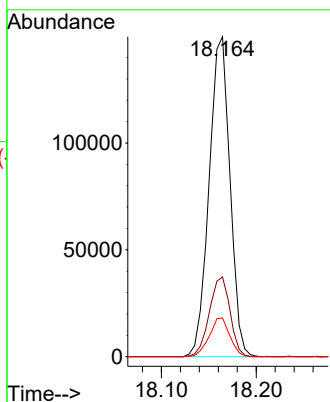
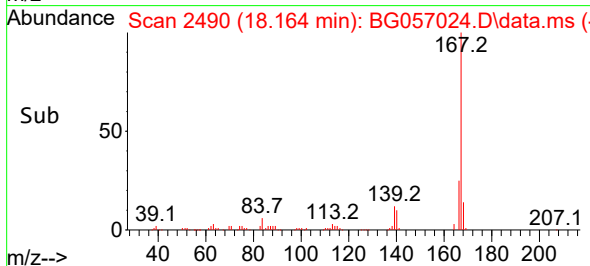
Instrument :
 BNA_G
 ClientSampleId :
 PB151961BS



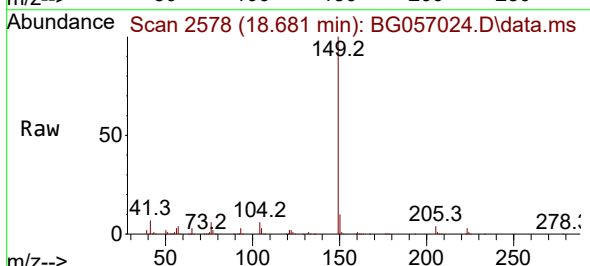
Tgt Ion:167 Resp: 22870
 Ion Ratio Lower Upper
 167 100
 166 24.9 17.9 26.9
 139 12.1 9.5 14.3

Manual Integrations
 APPROVED

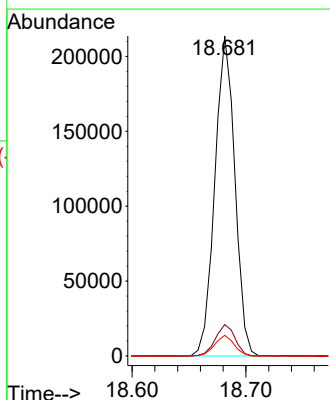
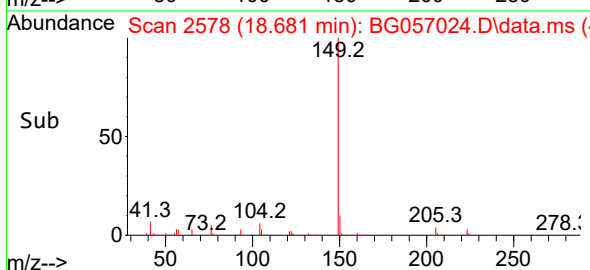
Reviewed By :Christian Giraldo 04/10/2023
 Supervised By :Jagrut Upadhyay 04/10/2023

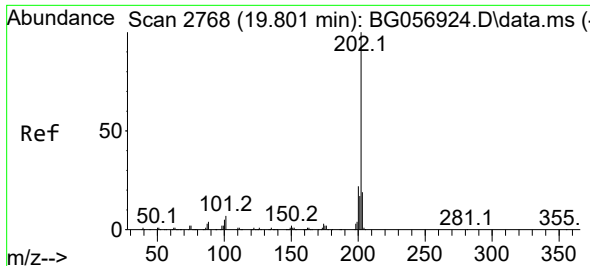


#74
 Di-n-butylphthalate
 Concen: 41.063 ng
 RT: 18.681 min Scan# 2578
 Delta R.T. -0.001 min
 Lab File: BG057024.D
 Acq: 7 Apr 2023 13:11



Tgt Ion:149 Resp: 261181
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.4 11.0
 104 6.4 4.9 7.3





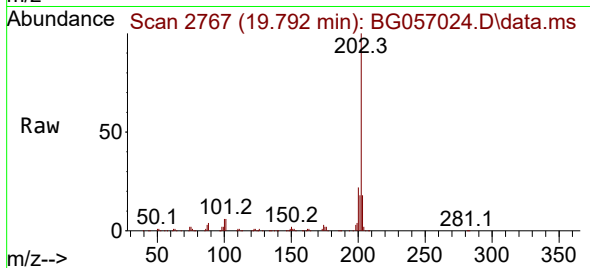
#75
Fluoranthene
Concen: 38.977 ng
RT: 19.792 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

Instrument :

BNA_G

ClientSampleId :

PB151961BS

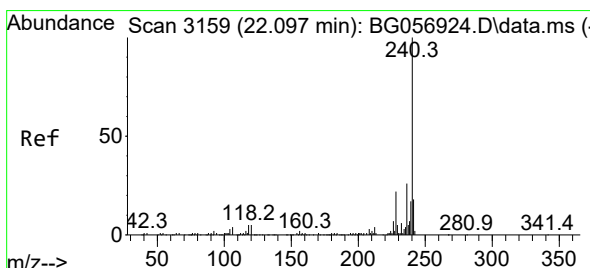
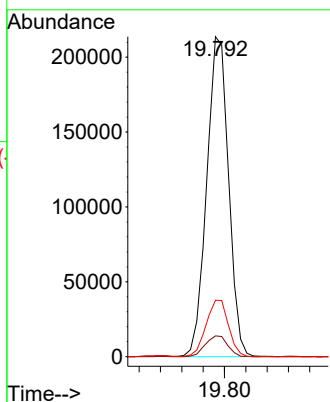
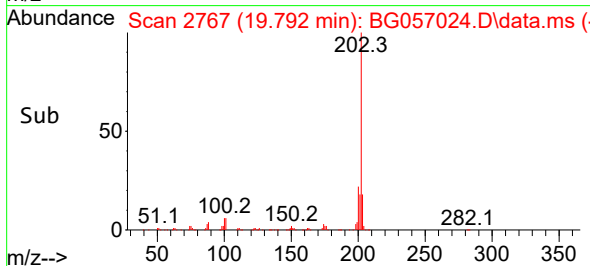


Tgt Ion:202 Resp: 30364
Ion Ratio Lower Upper
202 100
101 6.5 0.0 26.7
203 17.7 0.0 39.0

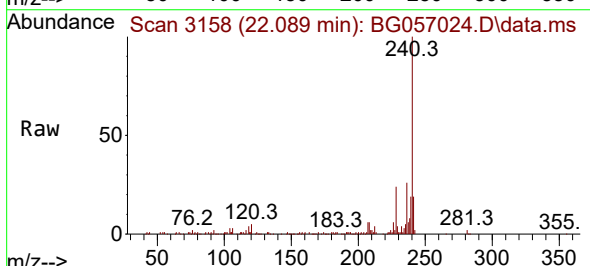
Manual Integrations

APPROVED

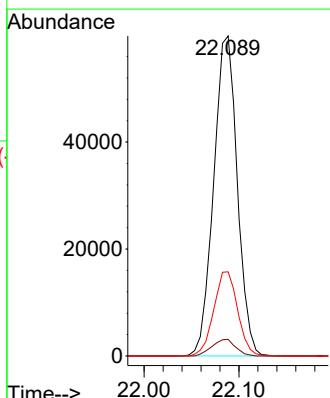
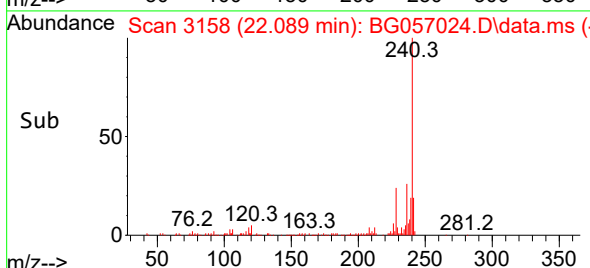
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023

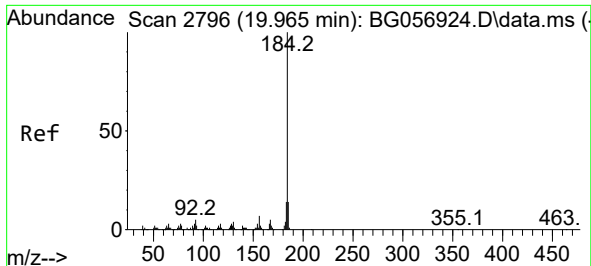


#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.089 min Scan# 3158
Delta R.T. 0.005 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11



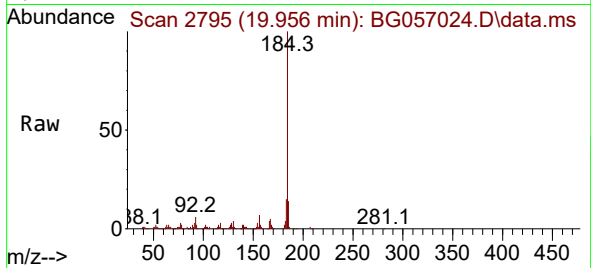
Tgt Ion:240 Resp: 103612
Ion Ratio Lower Upper
240 100
120 5.2 3.8 5.6
236 26.3 21.0 31.6





#77
Benzidine
Concen: 51.816 ng
RT: 19.956 min Scan# 2795
Delta R.T. 0.005 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

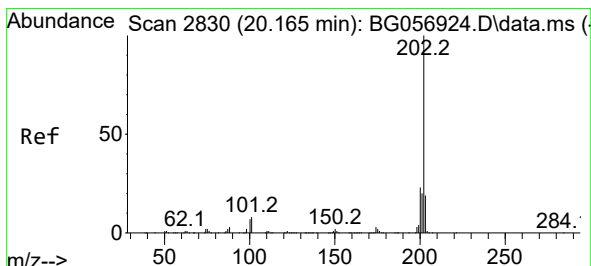
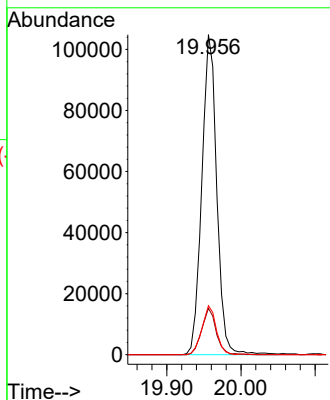
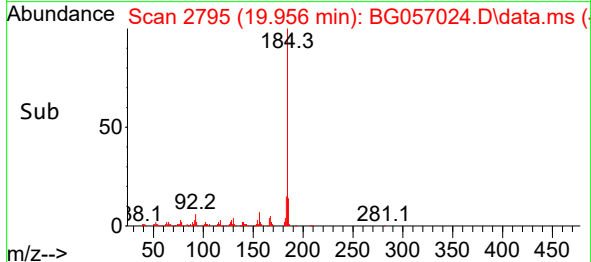
Instrument :
BNA_G
ClientSampleId :
PB151961BS



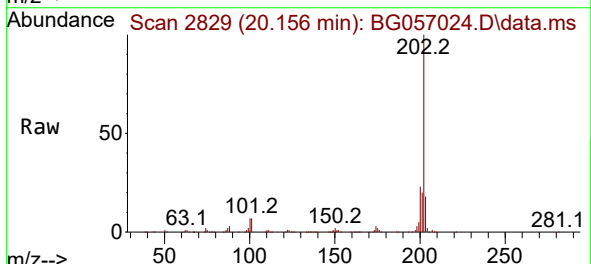
Tgt Ion:184 Resp: 146740
Ion Ratio Lower Upper
184 100
185 14.5 11.0 16.4
183 15.3 11.4 17.0

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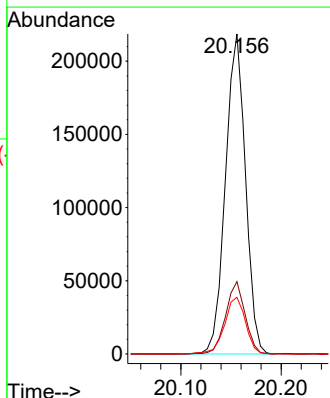
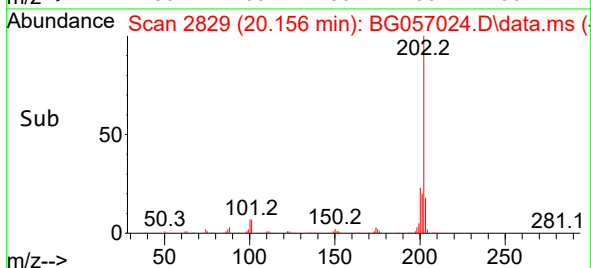
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023



#78
Pyrene
Concen: 42.189 ng
RT: 20.156 min Scan# 2829
Delta R.T. 0.005 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11



Tgt Ion:202 Resp: 302338
Ion Ratio Lower Upper
202 100
200 22.6 18.7 28.1
203 17.7 15.4 23.2





#79
 Terphenyl-d14
 Concen: 71.886 ng
 RT: 20.332 min Scan# 2859
 Delta R.T. 0.005 min
 Lab File: BG057024.D
 Acq: 7 Apr 2023 13:11

Instrument :

BNA_G

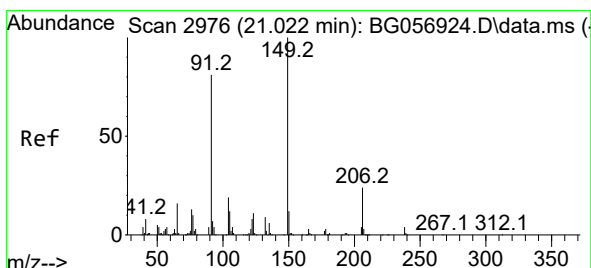
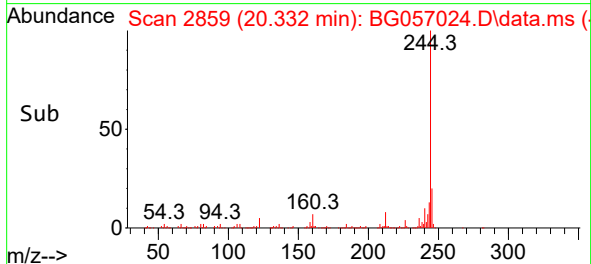
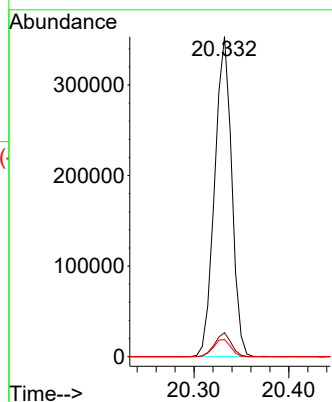
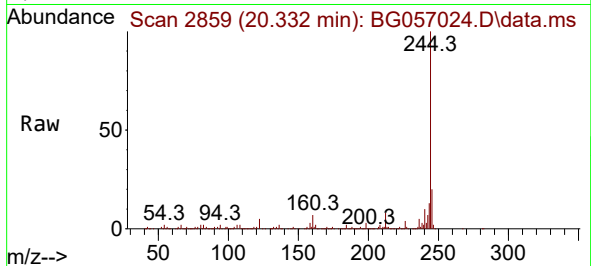
ClientSampleId :

PB151961BS

Tgt Ion:244 Resp: 44016
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 5.3 5.0 7.4

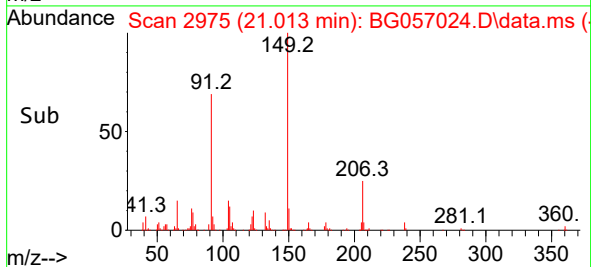
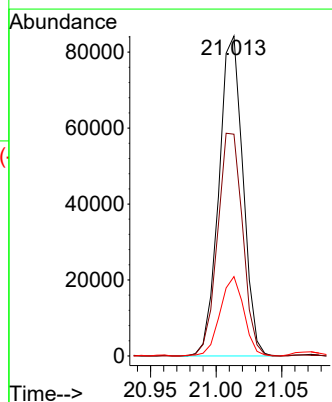
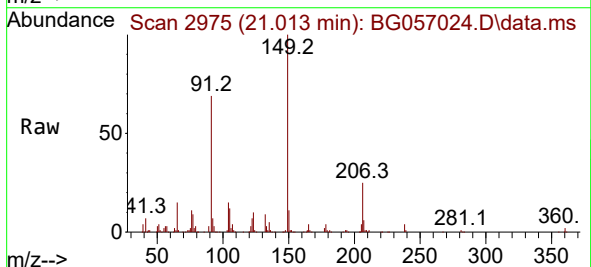
Manual Integrations
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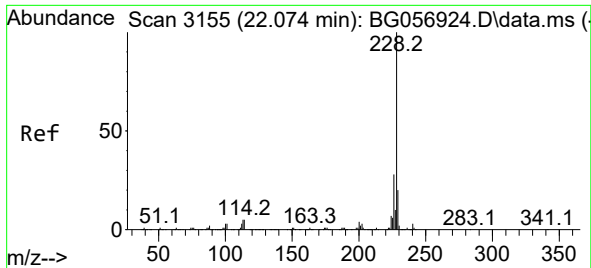
Reviewed By :Christian Giraldo 04/10/2023
 Supervised By :Jagrut Upadhyay 04/10/2023



#80
 Butylbenzylphthalate
 Concen: 43.478 ng
 RT: 21.013 min Scan# 2975
 Delta R.T. 0.005 min
 Lab File: BG057024.D
 Acq: 7 Apr 2023 13:11

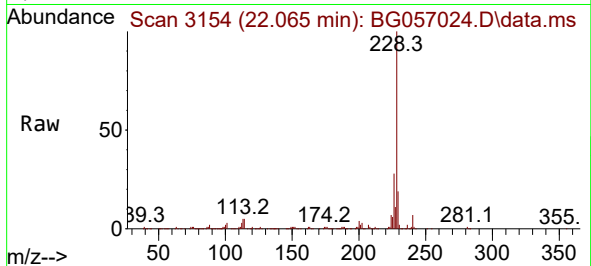
Tgt Ion:149 Resp: 107219
 Ion Ratio Lower Upper
 149 100
 91 69.3 64.4 96.6
 206 24.8 18.9 28.3





#81
Benzo(a)anthracene
Concen: 40.995 ng
RT: 22.065 min Scan# 3155
Delta R.T. 0.005 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

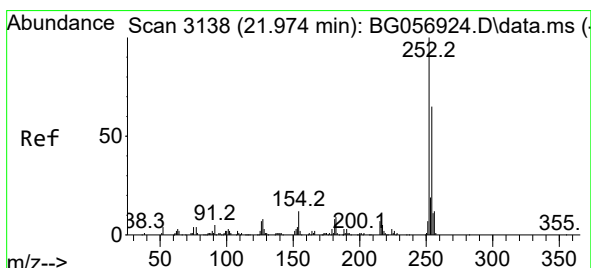
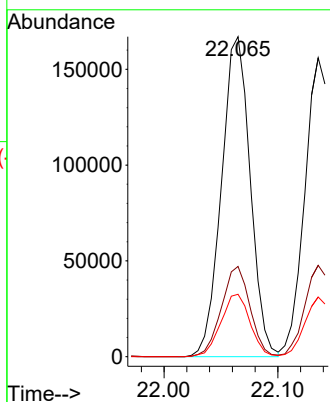
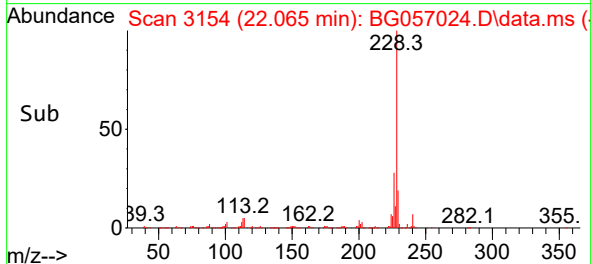
Instrument :
BNA_G
ClientSampleId :
PB151961BS



Tgt Ion:228 Resp: 293932
Ion Ratio Lower Upper
228 100
226 28.2 22.1 33.1
229 19.5 16.1 24.1

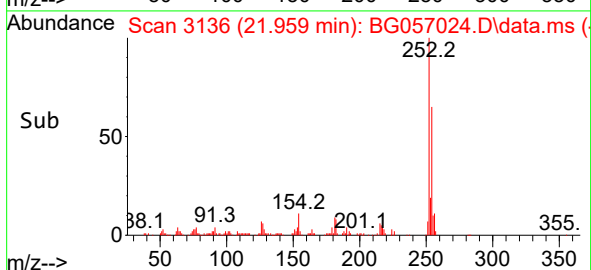
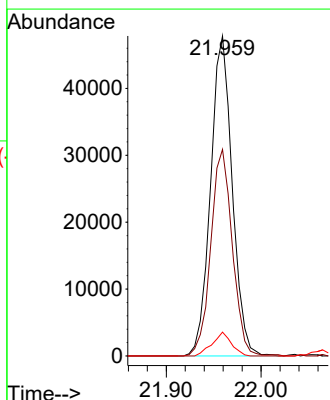
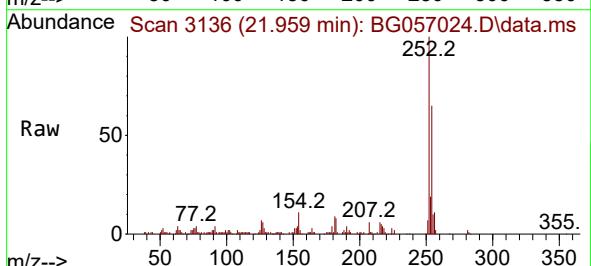
Manual Integrations
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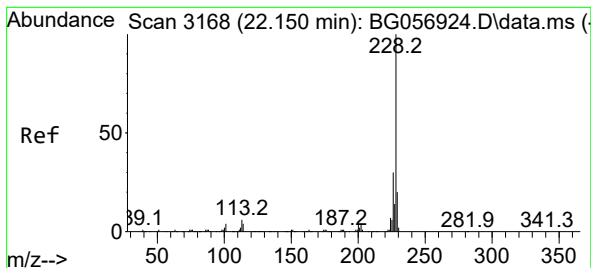
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023



#82
3,3'-Dichlorobenzidine
Concen: 31.324 ng
RT: 21.959 min Scan# 3136
Delta R.T. -0.001 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

Tgt Ion:252 Resp: 75839
Ion Ratio Lower Upper
252 100
254 64.6 51.7 77.5
126 7.5 5.6 8.4





#83

Chrysene

Concen: 40.068 ng

RT: 22.136 min Scan# 3166

Delta R.T. -0.001 min

Lab File: BG057024.D

Acq: 7 Apr 2023 13:11

Instrument :

BNA_G

ClientSampleId :

PB151961BS

Tgt Ion:228 Resp: 26899

Ion Ratio Lower Upper

228 100

226 30.5 24.1 36.1

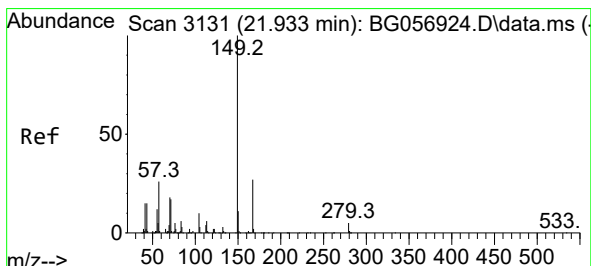
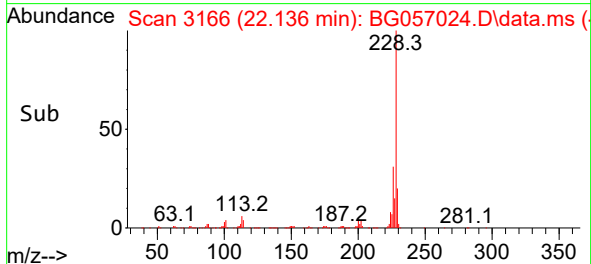
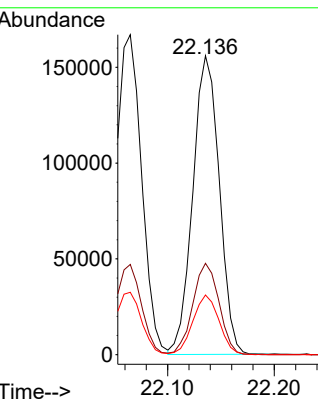
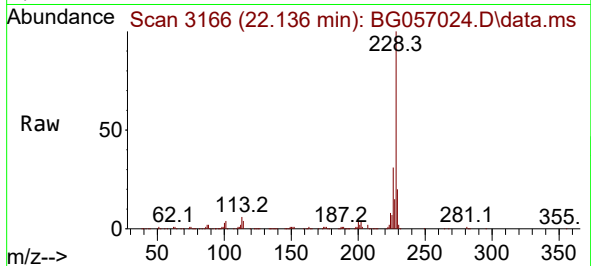
229 19.9 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/10/2023

Supervised By :Jagrut Upadhyay 04/10/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.845 ng

RT: 21.912 min Scan# 3128

Delta R.T. -0.001 min

Lab File: BG057024.D

Acq: 7 Apr 2023 13:11

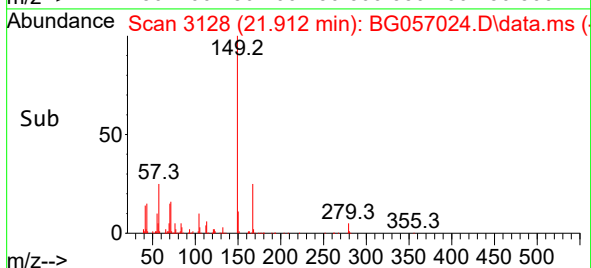
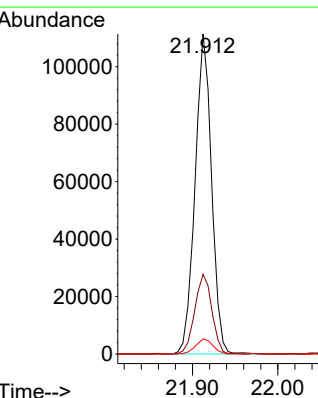
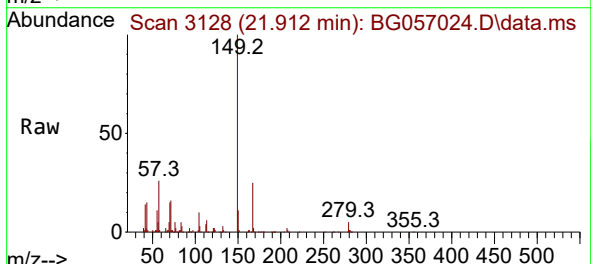
Tgt Ion:149 Resp: 149427

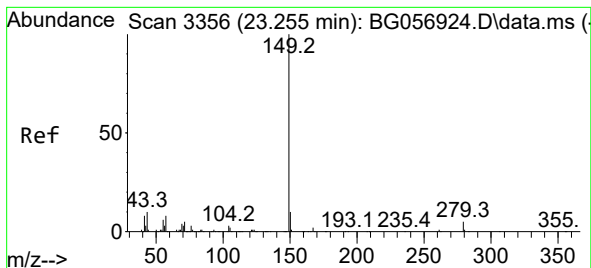
Ion Ratio Lower Upper

149 100

167 24.8 21.4 32.2

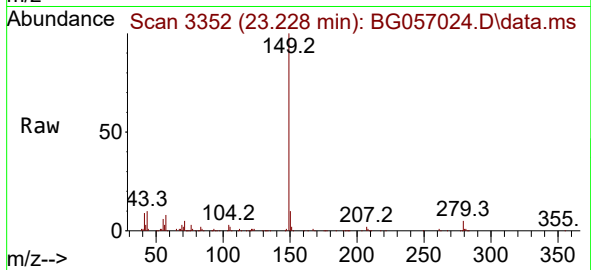
279 4.7 3.9 5.9





#85
Di-n-octyl phthalate
Concen: 42.045 ng
RT: 23.228 min Scan# 31
Delta R.T. -0.001 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11

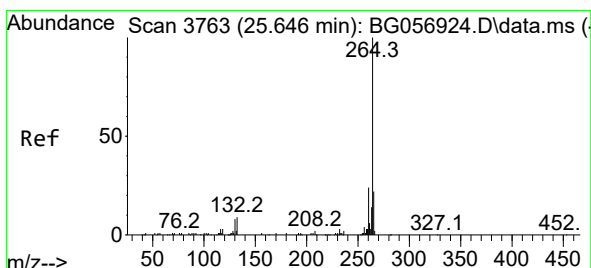
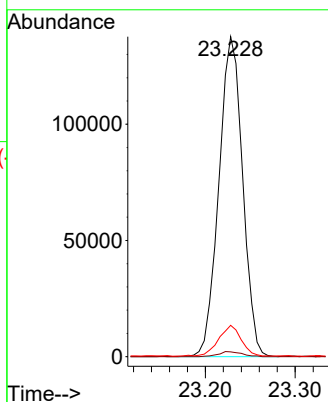
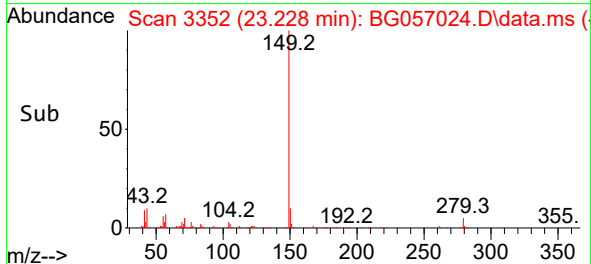
Instrument :
BNA_G
ClientSampleId :
PB151961BS



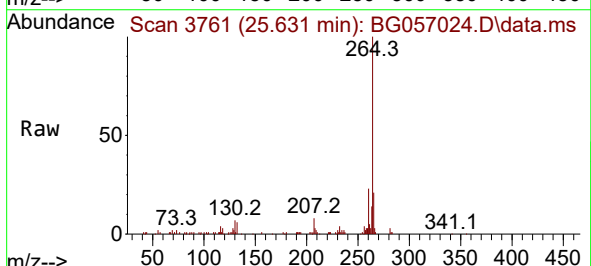
Tgt Ion:149 Resp: 25301
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.1 7.9 11.9

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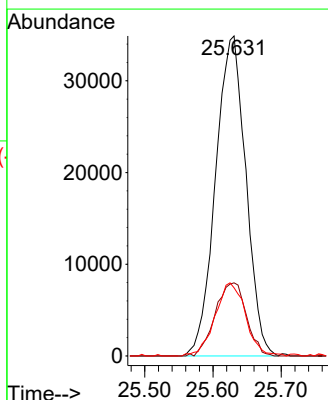
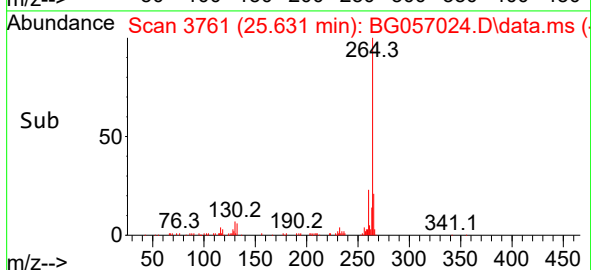
Reviewed By :Christian Giraldo 04/10/2023
Supervised By :Jagrut Upadhyay 04/10/2023

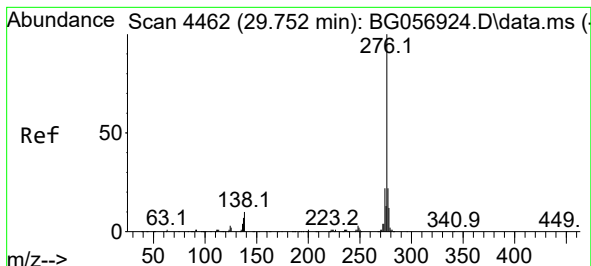


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.631 min Scan# 3761
Delta R.T. -0.001 min
Lab File: BG057024.D
Acq: 7 Apr 2023 13:11



Tgt Ion:264 Resp: 107642
Ion Ratio Lower Upper
264 100
260 22.9 19.0 28.4
265 21.3 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.651 ng

RT: 29.725 min Scan# 4462

Delta R.T. -0.001 min

Lab File: BG057024.D

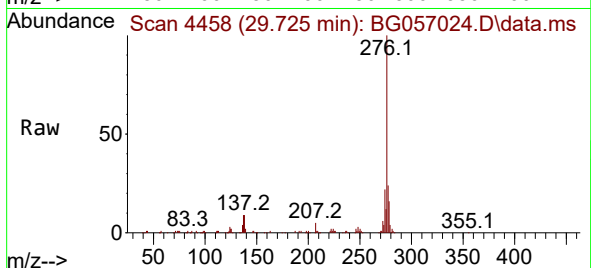
Acq: 7 Apr 2023 13:11

Instrument :

BNA_G

ClientSampleId :

PB151961BS



Tgt Ion:276 Resp: 339302

Ion Ratio Lower Upper

276 100

138 7.8 7.7 11.5

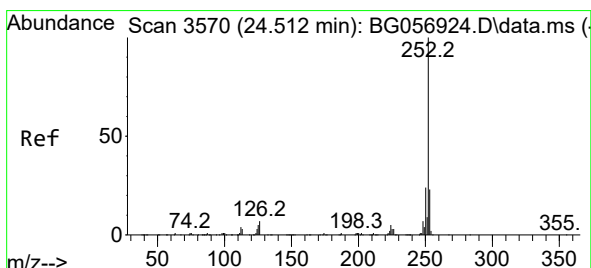
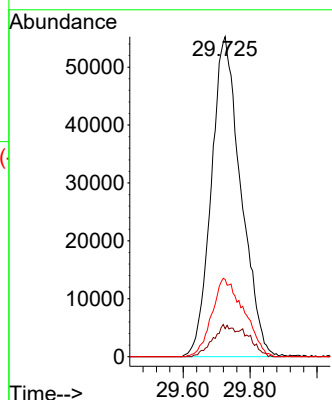
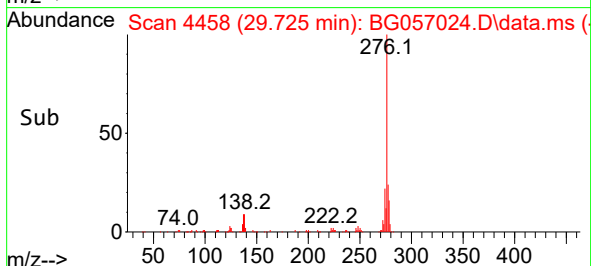
277 26.6 21.0 31.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/10/2023

Supervised By :Jagrut Upadhyay 04/10/2023



#88

Benzo(b)fluoranthene

Concen: 45.139 ng

RT: 24.491 min Scan# 3567

Delta R.T. -0.001 min

Lab File: BG057024.D

Acq: 7 Apr 2023 13:11

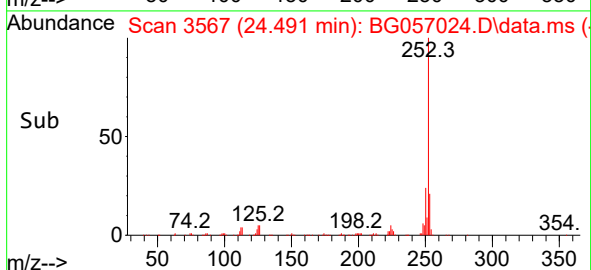
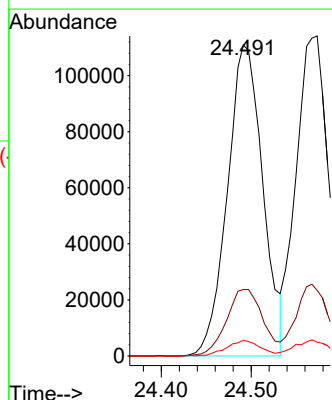
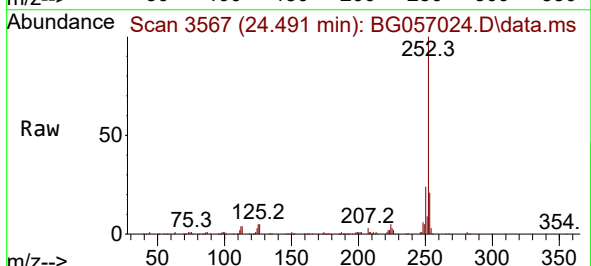
Tgt Ion:252 Resp: 303839

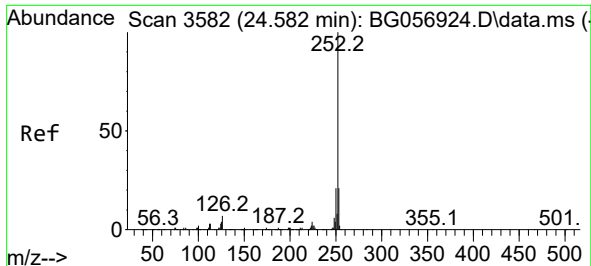
Ion Ratio Lower Upper

252 100

253 21.4 18.1 27.1

125 5.1 4.2 6.4





#89

Benzo(k)fluoranthene

Concen: 42.795 ng

RT: 24.573 min Scan# 3581

Delta R.T. 0.005 min

Lab File: BG057024.D

Acq: 7 Apr 2023 13:11

Instrument :

BNA_G

ClientSampleId :

PB151961BS

Tgt Ion:252 Resp: 287580

Ion Ratio Lower Upper

252 100

253 20.5 17.1 25.7

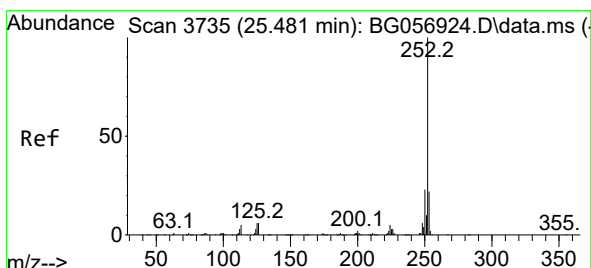
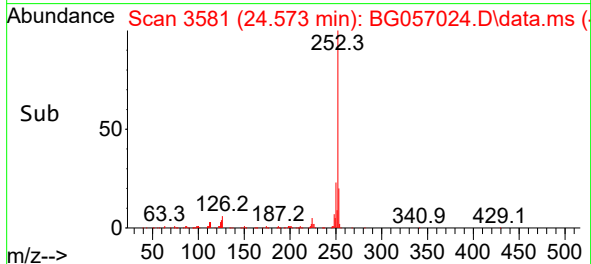
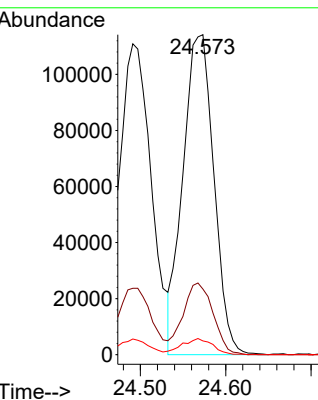
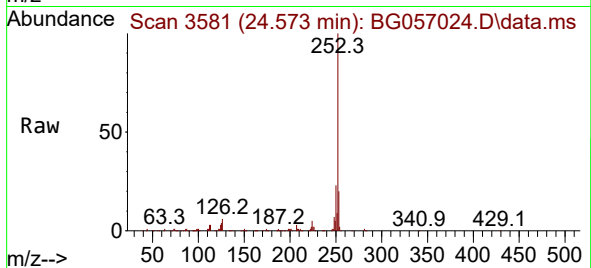
125 4.3 3.8 5.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/10/2023

Supervised By :Jagrut Upadhyay 04/10/2023



#90

Benzo(a)pyrene

Concen: 39.683 ng

RT: 25.460 min Scan# 3732

Delta R.T. -0.001 min

Lab File: BG057024.D

Acq: 7 Apr 2023 13:11

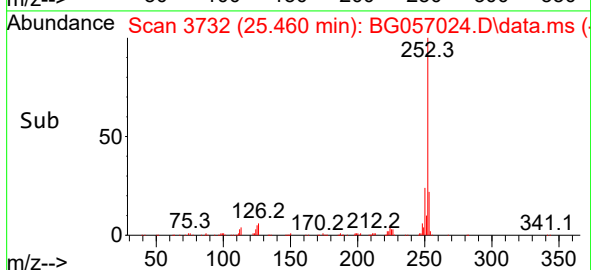
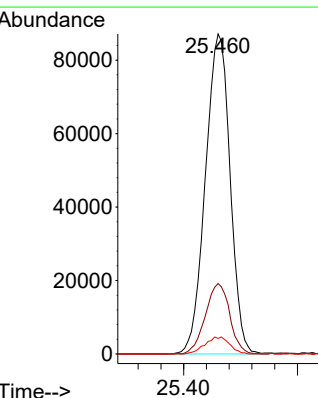
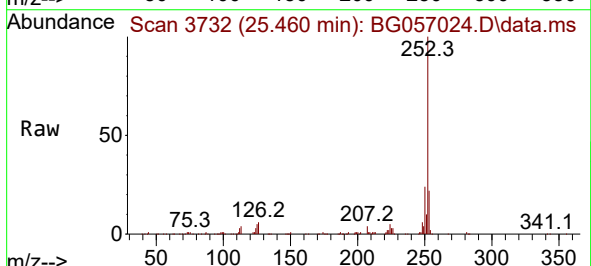
Tgt Ion:252 Resp: 262482

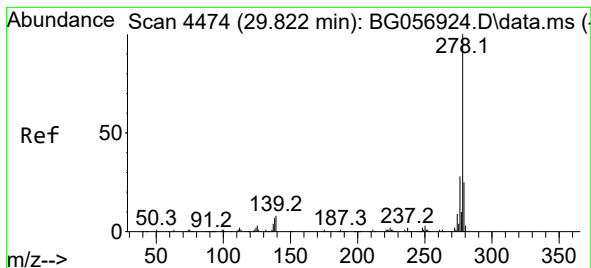
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 4.8 4.5 6.7





#91

Dibenzo(a,h)anthracene

Concen: 44.164 ng

RT: 29.790 min Scan# 44

Delta R.T. 0.005 min

Lab File: BG057024.D

Acq: 7 Apr 2023 13:11

Instrument :

BNA_G

ClientSampleId :

PB151961BS

Tgt Ion:278 Resp: 288794

Ion Ratio Lower Upper

278 100

139 6.5 6.4 9.6

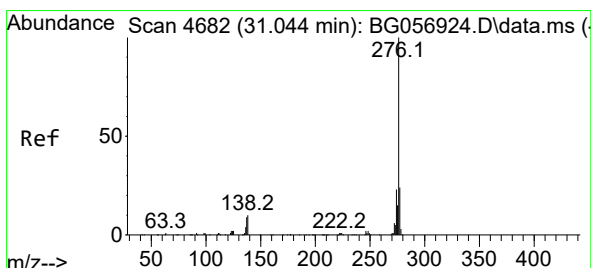
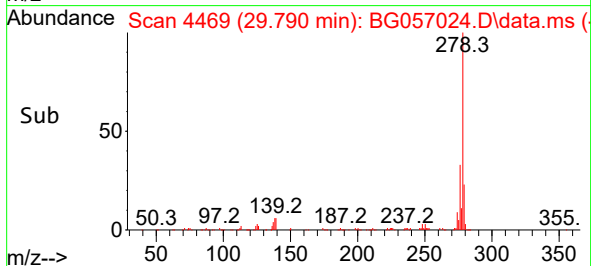
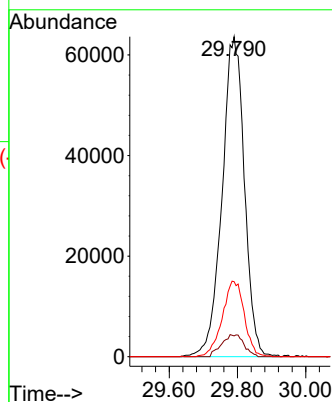
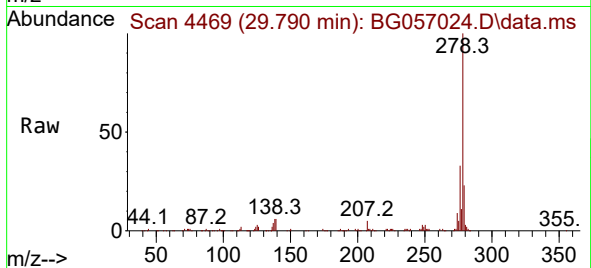
279 23.5 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/10/2023

Supervised By :Jagrut Upadhyay 04/10/2023



#92

Benzo(g,h,i)perylene

Concen: 42.303 ng

RT: 31.012 min Scan# 4677

Delta R.T. -0.007 min

Lab File: BG057024.D

Acq: 7 Apr 2023 13:11

Tgt Ion:276 Resp: 270866

Ion Ratio Lower Upper

276 100

277 24.6 19.1 28.7

138 8.7 8.2 12.2

