

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033023\
 Data File : BG056931.D
 Acq On : 30 Mar 2023 20:12
 Operator : CG/JU
 Sample : PB151743BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB151743BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/31/2023
 Supervised By : Jagrut Upadhyay 03/31/2023

Quant Time: Mar 31 04:04:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 03:23:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.415	152	16129	20.000	ng	# 0.00
21) Naphthalene-d8	11.258	136	66695	20.000	ng	# 0.00
39) Acenaphthene-d10	15.029	164	52845	20.000	ng	0.00
64) Phenanthrene-d10	17.767	188	138050	20.000	ng	0.00
76) Chrysene-d12	22.096	240	133182	20.000	ng	0.00
86) Perylene-d12	25.639	264	149670	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.918	112	121674	120.735	ng	0.00
7) Phenol-d6	7.539	99	174560	115.813	ng	0.00
23) Nitrobenzene-d5	9.590	82	106786	65.514	ng	0.00
42) 2,4,6-Tribromophenol	16.510	330	88161	104.429	ng	0.00
45) 2-Fluorobiphenyl	13.655	172	256610	65.847	ng	0.00
79) Terphenyl-d14	20.340	244	512856	65.162	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.721	88	18851	42.671	ng	98
3) Pyridine	4.144	79	51820	36.418	ng	97
4) n-Nitrosodimethylamine	4.050	42	27642	42.253	ng	97
6) Aniline	7.722	93	64459	33.452	ng	99
8) 2-Chlorophenol	7.968	128	48115	47.933	ng	94
9) Benzaldehyde	7.534	77	38090	40.290	ng	97
10) Phenol	7.569	94	72405	48.480	ng	96
11) bis(2-Chloroethyl)ether	7.810	93	45798	43.049	ng	97
12) 1,3-Dichlorobenzene	8.303	146	48407	43.643	ng	96
13) 1,4-Dichlorobenzene	8.450	146	49077	43.841	ng	95
14) 1,2-Dichlorobenzene	8.779	146	48309	44.668	ng	93
15) Benzyl Alcohol	8.644	79	57078	45.574	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.926	45	55318m	43.146	ng	
17) 2-Methylphenol	8.844	107	47874	44.930	ng	93
18) Hexachloroethane	9.519	117	18206	44.496	ng	95
19) n-Nitroso-di-n-propyla...	9.214	70	43653	40.491	ng	# 96
20) 3+4-Methylphenols	9.173	107	65828	44.181	ng	95
22) Acetophenone	9.243	105	81627	41.130	ng	# 98
24) Nitrobenzene	9.631	77	68053	40.836	ng	98
25) Isophorone	10.154	82	122282	39.396	ng	99
26) 2-Nitrophenol	10.347	139	26155	40.661	ng	96
27) 2,4-Dimethylphenol	10.389	122	50621	44.572	ng	98
28) bis(2-Chloroethoxy)met...	10.629	93	62405	40.159	ng	97
29) 2,4-Dichlorophenol	10.888	162	52920	43.328	ng	92
30) 1,2,4-Trichlorobenzene	11.111	180	56049	43.189	ng	98
31) Naphthalene	11.305	128	148136	40.749	ng	99
32) Benzoic acid	10.512	122	33191	42.545	ng	92
33) 4-Chloroaniline	11.405	127	37653	22.933	ng	99
34) Hexachlorobutadiene	11.581	225	39145	40.155	ng	93
35) Caprolactam	12.151	113	18512	43.949	ng	95
36) 4-Chloro-3-methylphenol	12.492	107	60913	44.595	ng	95
37) 2-Methylnaphthalene	12.885	142	112602	39.027	ng	97
38) 1-Methylnaphthalene	13.097	142	105353	38.887	ng	100
40) 1,2,4,5-Tetrachloroben...	13.244	216	76366	41.673	ng	98
41) Hexachlorocyclopentadiene	13.220	237	108400	107.362	ng	95
43) 2,4,6-Trichlorophenol	13.467	196	50230	42.954	ng	95

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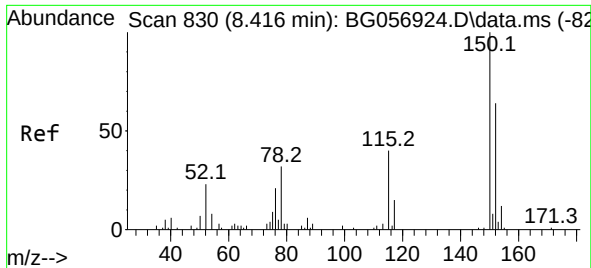
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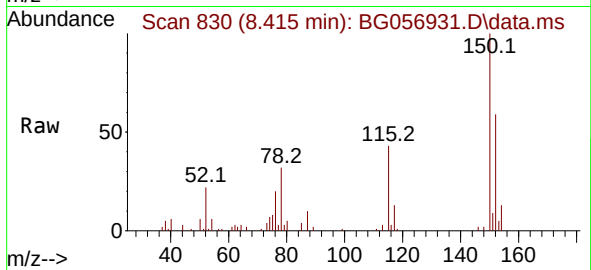
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.543	196	55304	39.921	ng	97
46) 1,1'-Biphenyl	13.866	154	161524	41.755	ng	97
47) 2-Chloronaphthalene	13.919	162	121451	42.450	ng	98
48) 2-Nitroaniline	14.107	65	42484	41.527	ng	96
49) Acenaphthylene	14.759	152	193064	41.071	ng	97
50) Dimethylphthalate	14.465	163	169474	40.702	ng	# 99
51) 2,6-Dinitrotoluene	14.589	165	36724	40.821	ng	93
52) Acenaphthene	15.094	154	152108	46.918	ng	98
53) 3-Nitroaniline	14.918	138	23158	26.006	ng	96
54) 2,4-Dinitrophenol	15.123	184	48151	95.090	ng	92
55) Dibenzofuran	15.423	168	199899	41.082	ng	96
56) 4-Nitrophenol	15.211	139	61234	92.994	ng	97
57) 2,4-Dinitrotoluene	15.376	165	53449	42.124	ng	# 88
58) Fluorene	16.069	166	165622	41.133	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.640	232	54481	43.193	ng	# 98
60) Diethylphthalate	15.811	149	171251	41.026	ng	98
61) 4-Chlorophenyl-phenyle...	16.051	204	97425	41.211	ng	99
62) 4-Nitroaniline	16.081	138	36645	39.719	ng	96
63) Azobenzene	16.345	77	171617	41.255	ng	99
65) 4,6-Dinitro-2-methylph...	16.134	198	35277	42.193	ng	99
66) n-Nitrosodiphenylamine	16.263	169	145479	39.257	ng	99
67) 4-Bromophenyl-phenylether	16.944	248	65348	38.257	ng	98
68) Hexachlorobenzene	17.074	284	69672	41.257	ng	99
69) Atrazine	17.197	200	66206	43.038	ng	97
70) Pentachlorophenol	17.414	266	90028	74.309	ng	97
71) Phenanthrene	17.814	178	284437	40.412	ng	99
72) Anthracene	17.902	178	290687	40.287	ng	99
73) Carbazole	18.166	167	256782	40.818	ng	97
74) Di-n-butylphthalate	18.689	149	295488	40.563	ng	98
75) Fluoranthene	19.799	202	365419	40.956	ng	98
77) Benzidine	19.964	184	181800	49.941	ng	98
78) Pyrene	20.164	202	364809	39.603	ng	99
80) Butylbenzylphthalate	21.021	149	131337	41.433	ng	99
81) Benzo(a)anthracene	22.073	228	375656	40.761	ng	100
82) 3,3'-Dichlorobenzidine	21.967	252	85116	27.350	ng	# 98
83) Chrysene	22.143	228	346085	40.106	ng	98
84) Bis(2-ethylhexyl)phtha...	21.926	149	188966	41.168	ng	94
85) Di-n-octyl phthalate	23.248	149	325468	42.077	ng	100
87) Indeno(1,2,3-cd)pyrene	29.739	276	460330	41.616	ng	# 98
88) Benzo(b)fluoranthene	24.505	252	398092	42.534	ng	100
89) Benzo(k)fluoranthene	24.581	252	388475	41.576	ng	98
90) Benzo(a)pyrene	25.474	252	352955	38.377	ng	99
91) Dibenzo(a,h)anthracene	29.809	278	375810	41.333	ng	98
92) Benzo(g,h,i)perylene	31.031	276	366507	41.167	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.415 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG056931.D
Acq: 30 Mar 2023 20:12

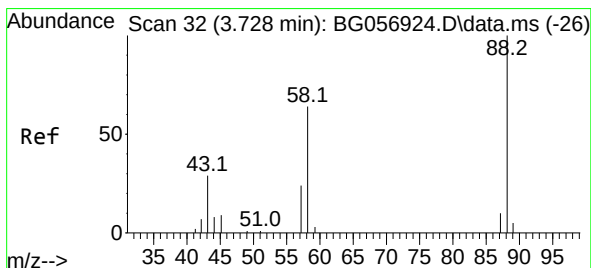
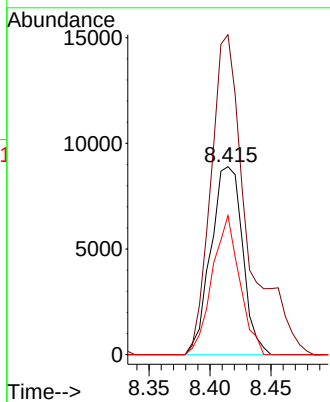
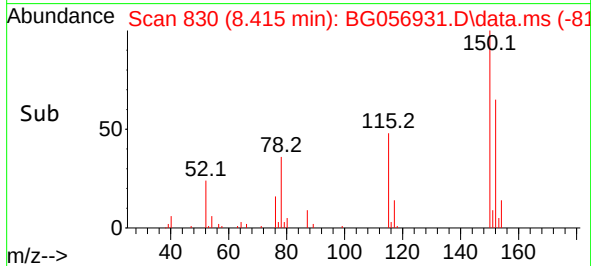
Instrument :
BNA_G
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PB151743BS



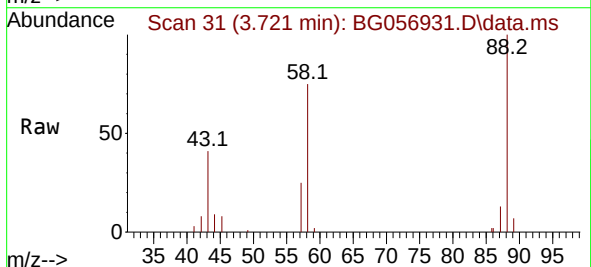
Tgt Ion:152 Resp: 16129
Ion Ratio Lower Upper
152 100
150 170.2 124.1 186.1
115 74.0 49.1 73.7

Manual Integrations
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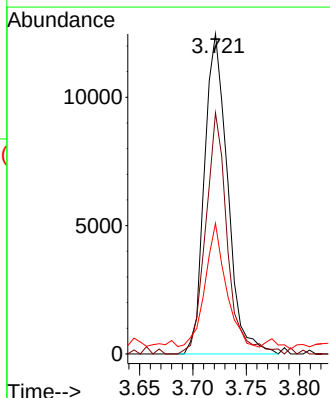
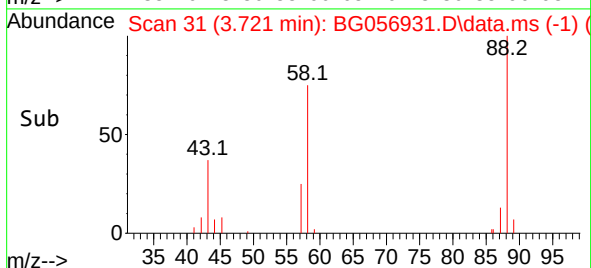
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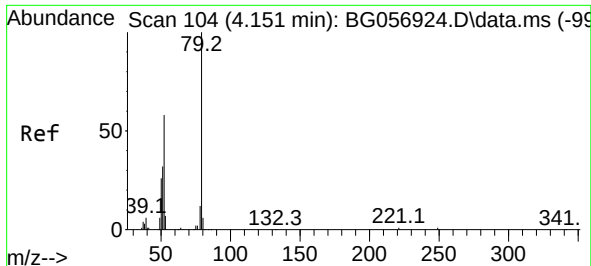


#2
1,4-Dioxane
Concen: 42.671 ng
RT: 3.721 min Scan# 31
Delta R.T. -0.007 min
Lab File: BG056931.D
Acq: 30 Mar 2023 20:12



Tgt Ion: 88 Resp: 18851
Ion Ratio Lower Upper
88 100
58 70.5 55.9 83.9
43 34.8 25.7 38.5





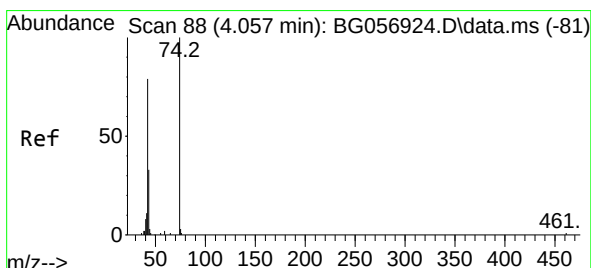
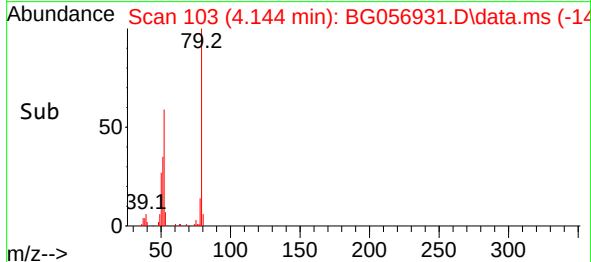
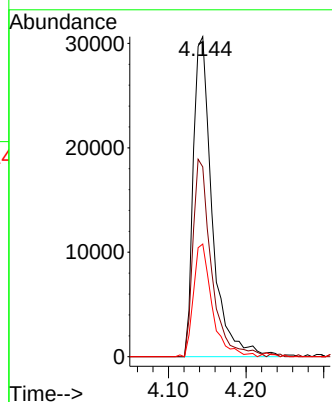
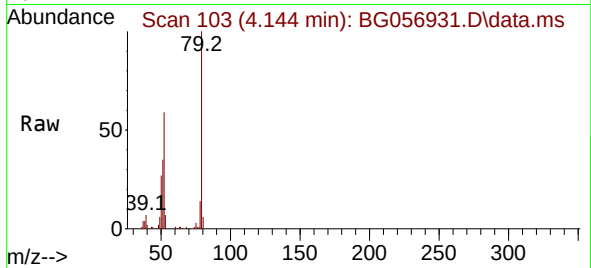
#3
Pyridine
Concen: 36.418 ng
RT: 4.144 min Scan# 104
Delta R.T. -0.007 min
Lab File: BG056931.D
Acq: 30 Mar 2023 20:12

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion: 79 Resp: 51820
Ion Ratio Lower Upper
79 100
52 59.3 46.1 69.1
51 35.2 26.1 39.1

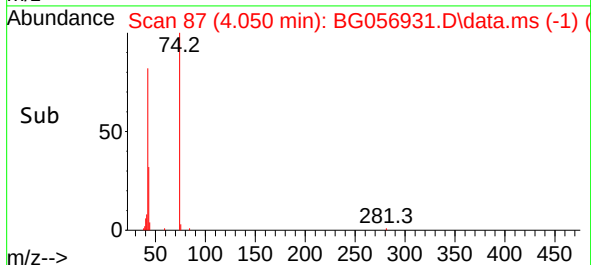
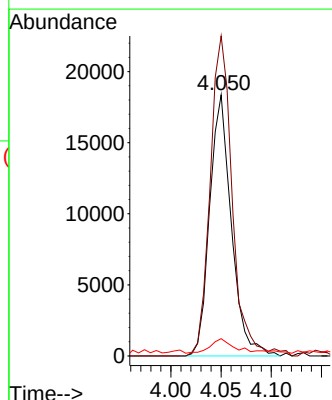
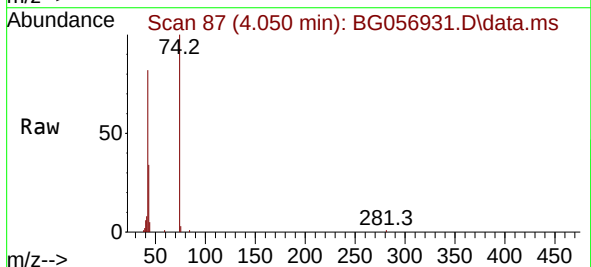
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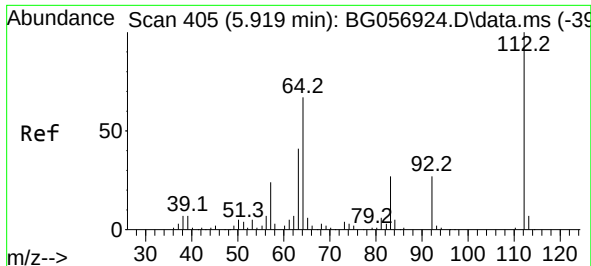
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023



#4
n-Nitrosodimethylamine
Concen: 42.253 ng
RT: 4.050 min Scan# 87
Delta R.T. -0.007 min
Lab File: BG056931.D
Acq: 30 Mar 2023 20:12

Tgt Ion: 42 Resp: 27642
Ion Ratio Lower Upper
42 100
74 122.6 100.6 151.0
44 6.6 4.6 7.0





#5
2-Fluorophenol
Concen: 120.735 ng
RT: 5.918 min Scan# 405
Delta R.T. -0.001 min
Lab File: BG056931.D
Acq: 30 Mar 2023 20:12

Instrument :

BNA_G

ClientSampleId :

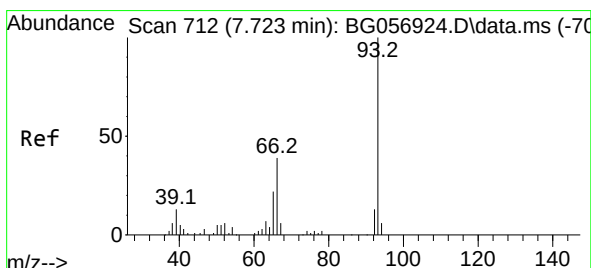
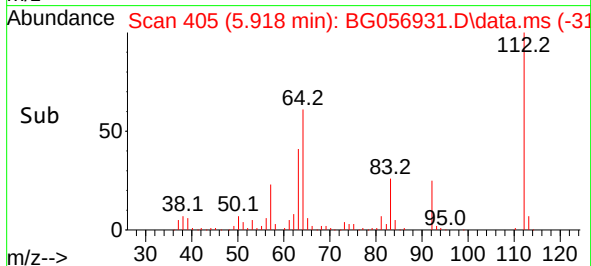
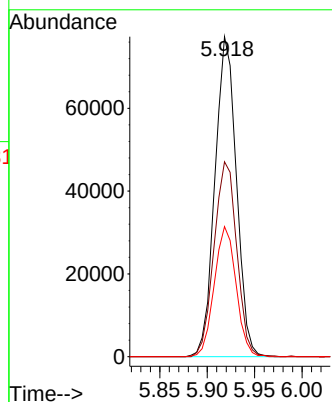
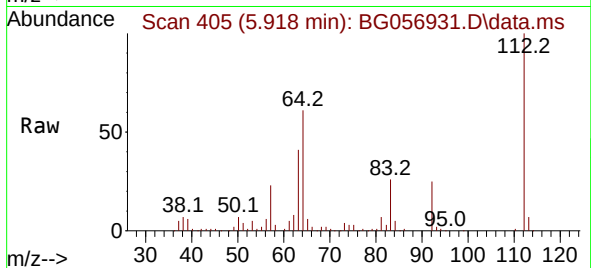
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Tgt Ion:112 Resp: 121674
Ion Ratio Lower Upper
112 100
64 60.9 53.2 79.8
63 40.7 32.6 48.8

Manual Integrations

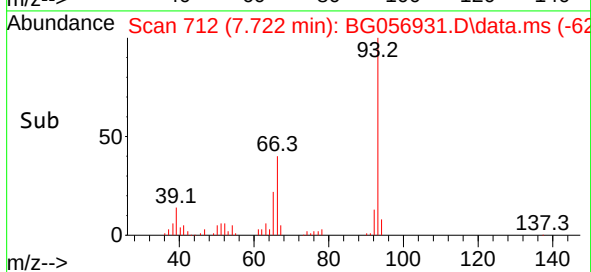
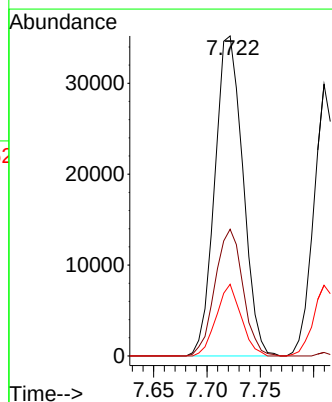
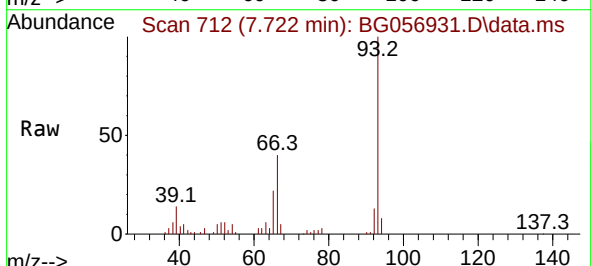
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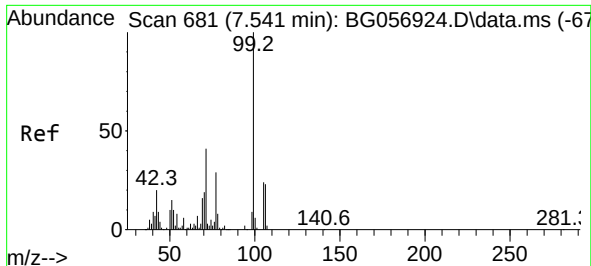
Reviewed By :Christian Giraldo 03/31/2023
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#6
Aniline
Concen: 33.452 ng
RT: 7.722 min Scan# 712
Delta R.T. -0.001 min
Lab File: BG056931.D
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Tgt Ion: 93 Resp: 64459
Ion Ratio Lower Upper
93 100
66 39.6 31.4 47.0
65 22.4 17.3 25.9





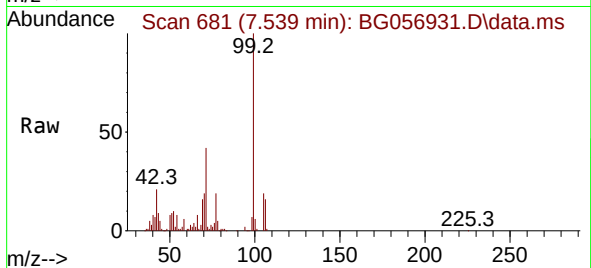
#7
Phenol-d6
Concen: 115.813 ng
RT: 7.539 min Scan# 681
Delta R.T. -0.001 min
Lab File: BG056931.D
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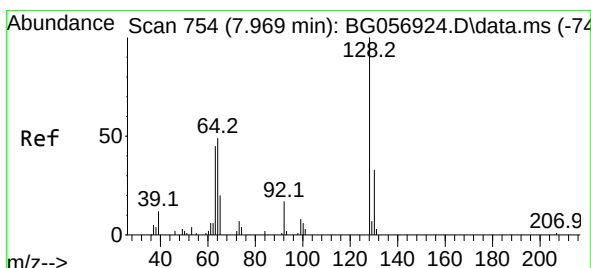
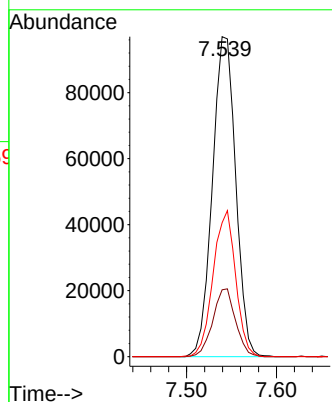
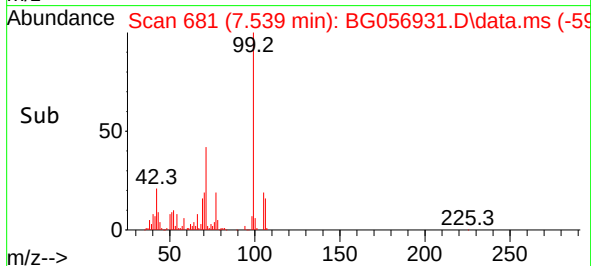


Tgt Ion: 99 Resp: 174560
Ion Ratio Lower Upper
99 100
42 20.9 15.7 23.5
71 41.9 32.5 48.7

Manual Integrations

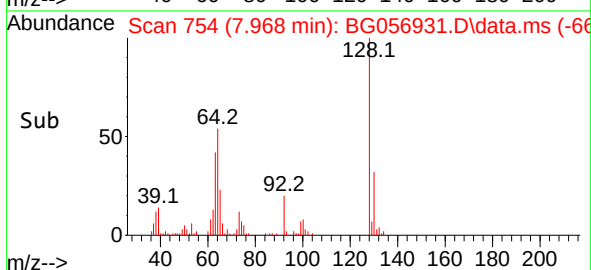
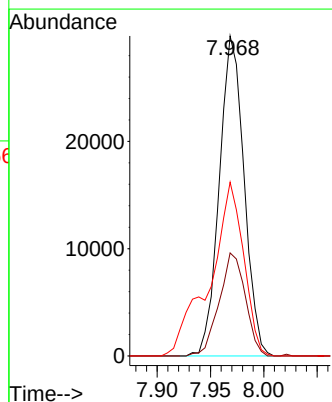
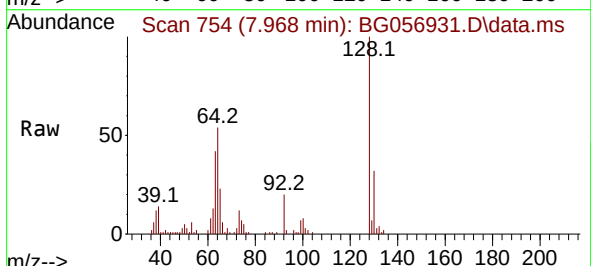
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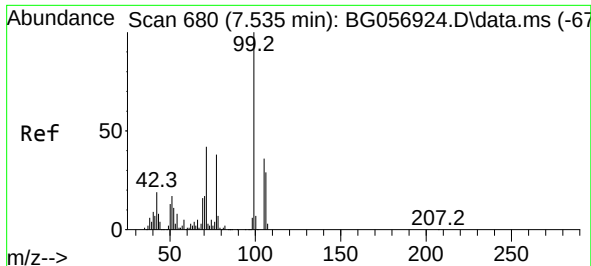
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#8
2-Chlorophenol
Concen: 47.933 ng
RT: 7.968 min Scan# 754
Delta R.T. -0.001 min
Lab File: BG056931.D
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Tgt Ion:128 Resp: 48115
Ion Ratio Lower Upper
128 100
130 32.2 12.6 52.6
64 54.3 40.6 80.6





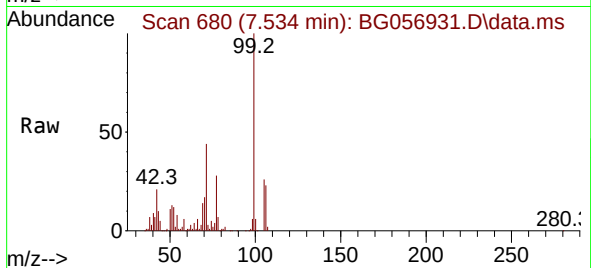
#9
Benzaldehyde
Concen: 40.290 ng
RT: 7.534 min Scan# 680
Delta R.T. -0.001 min
Lab File: BG056931.D
Acq: 30 Mar 2023 20:12

Instrument :

BNA_G

ClientSampleId :

PB151743BS

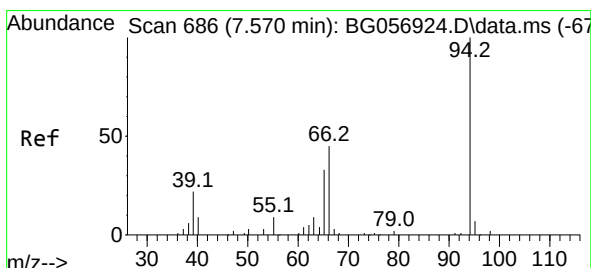
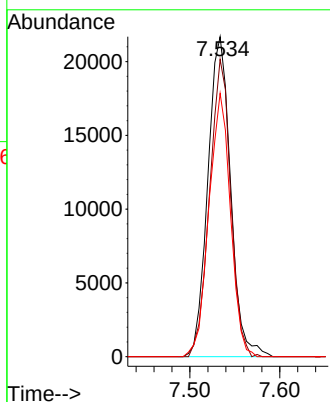
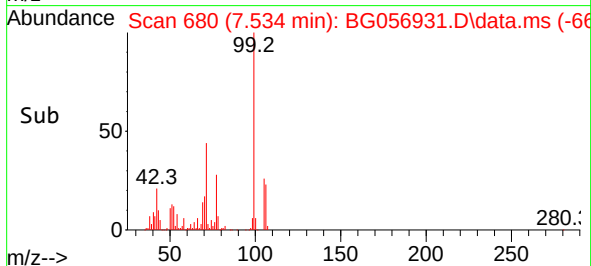


Tgt Ion: 77 Resp: 38090
Ion Ratio Lower Upper
77 100
105 92.9 73.6 113.6
106 82.3 56.7 96.7

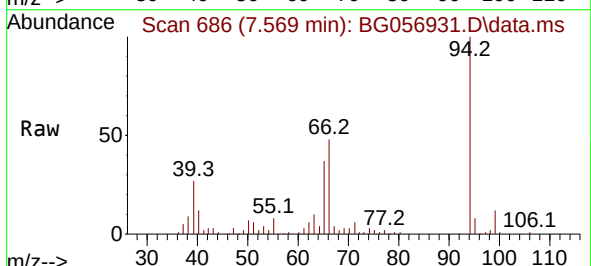
Manual Integrations

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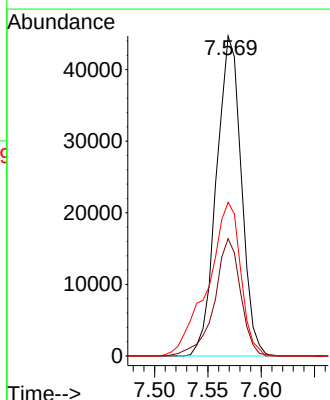
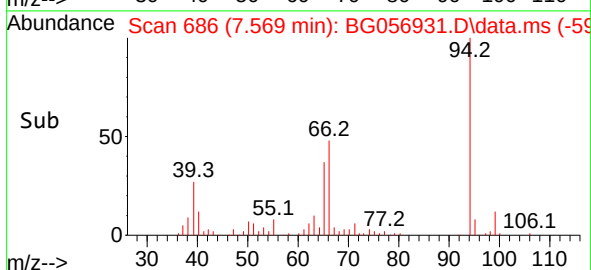
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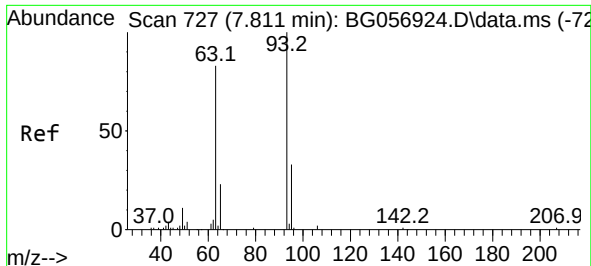


#10
Phenol
Concen: 48.480 ng
RT: 7.569 min Scan# 686
Delta R.T. -0.001 min
Lab File: BG056931.D
Acq: 30 Mar 2023 20:12



Tgt Ion: 94 Resp: 72405
Ion Ratio Lower Upper
94 100
65 36.7 13.3 53.3
66 48.0 26.7 66.7





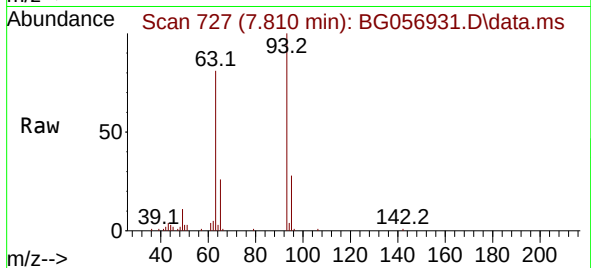
#11
bis(2-Chloroethyl)ether
Concen: 43.049 ng
RT: 7.810 min Scan# 727
Delta R.T. -0.001 min
Lab File: BG056931.D
Acq: 30 Mar 2023 20:12

Instrument :

BNA_G

ClientSampleId :

PB151743BS

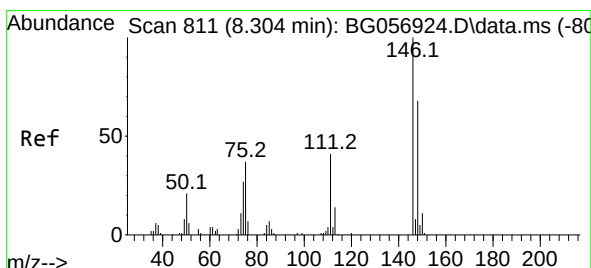
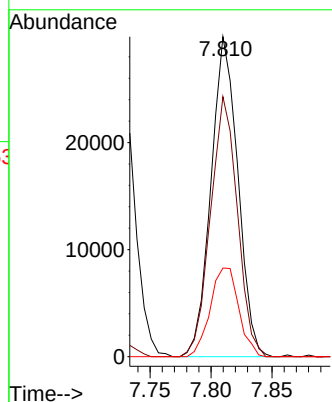
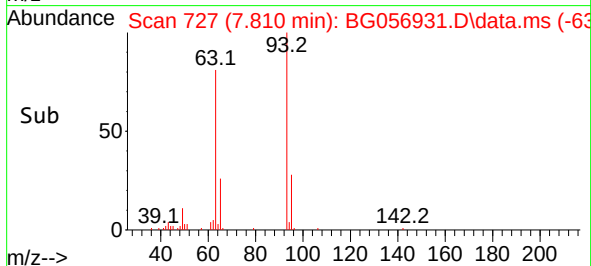


Tgt Ion: 93 Resp: 45798
Ion Ratio Lower Upper
93 100
63 81.3 62.7 102.7
95 27.7 12.3 52.3

Manual Integrations

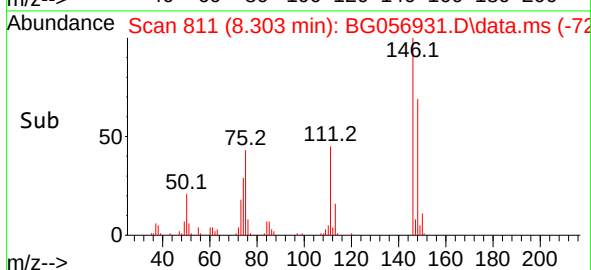
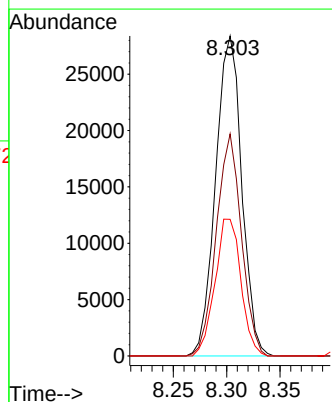
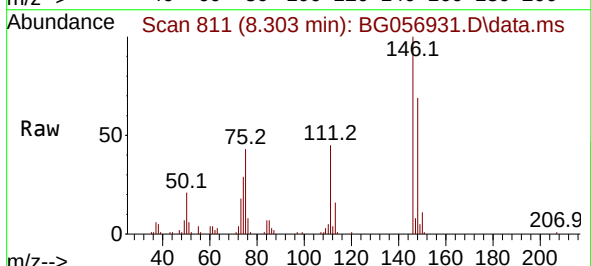
APPROVED

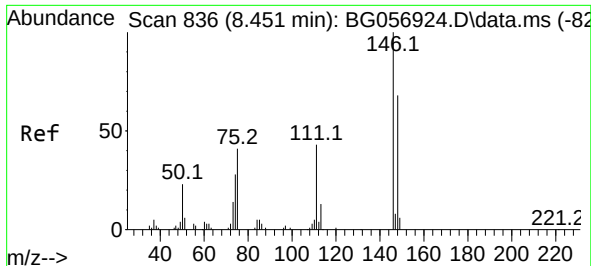
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023



#12
1,3-Dichlorobenzene
Concen: 43.643 ng
RT: 8.303 min Scan# 811
Delta R.T. -0.001 min
Lab File: BG056931.D
Acq: 30 Mar 2023 20:12

Tgt Ion:146 Resp: 48407
Ion Ratio Lower Upper
146 100
148 69.4 54.2 81.4
75 42.7 29.8 44.8





#13

1,4-Dichlorobenzene

Concen: 43.841 ng

RT: 8.450 min Scan# 81

Delta R.T. -0.001 min

Lab File: BG056931.D

Acq: 30 Mar 2023 20:12

Instrument :

BNA_G

ClientSampleId :

PB151743BS

Tgt Ion:146 Resp: 4907

Ion Ratio Lower Upper

146 100

148 65.1 54.8 82.2

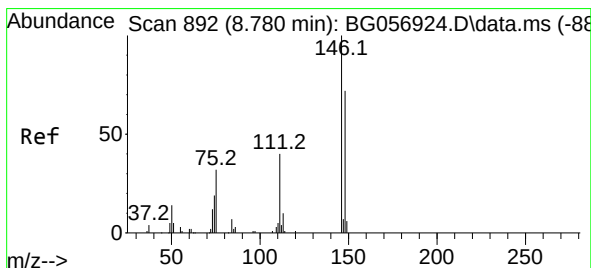
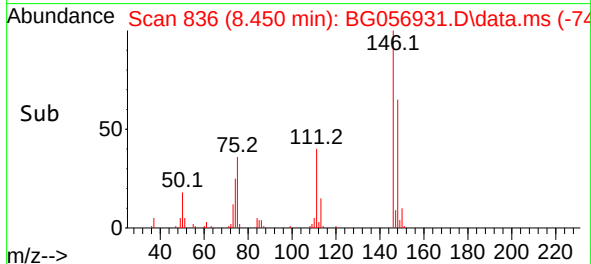
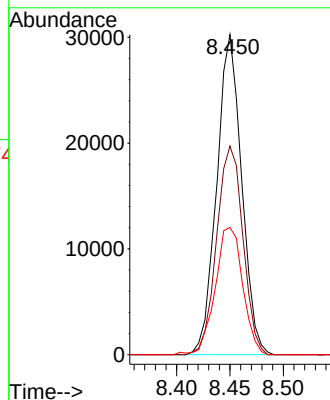
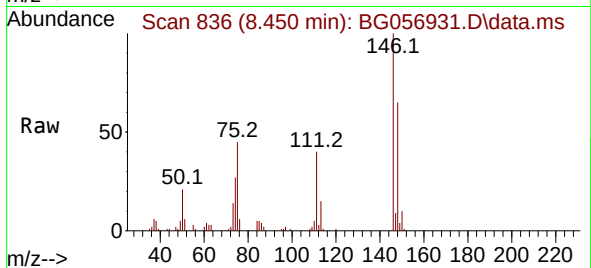
111 39.7 34.6 52.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/31/2023

Supervised By :Jagrut Upadhyay 03/31/2023



#14

1,2-Dichlorobenzene

Concen: 44.668 ng

RT: 8.779 min Scan# 892

Delta R.T. -0.001 min

Lab File: BG056931.D

Acq: 30 Mar 2023 20:12

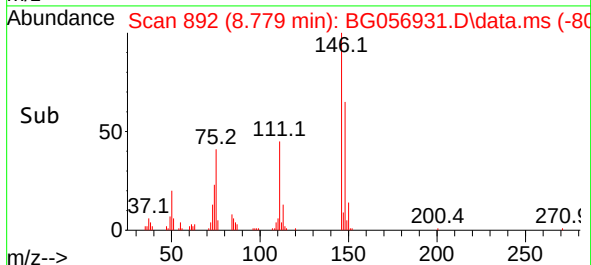
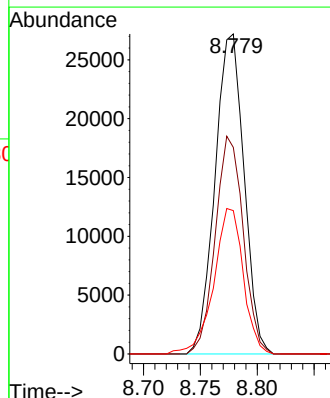
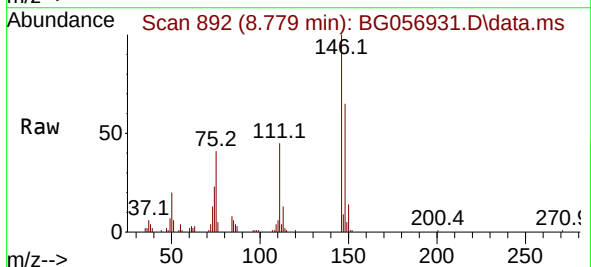
Tgt Ion:146 Resp: 48309

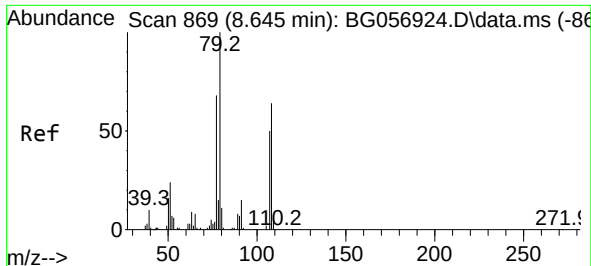
Ion Ratio Lower Upper

146 100

148 64.5 57.4 86.0

111 44.8 33.2 49.8





#15
Benzyl Alcohol
Concen: 45.574 ng
RT: 8.644 min Scan# 869
Delta R.T. -0.001 min
Lab File: BG056931.D
Acq: 30 Mar 2023 20:12

Instrument :

BNA_G

ClientSampleId :

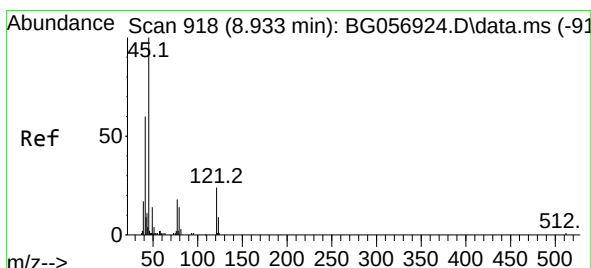
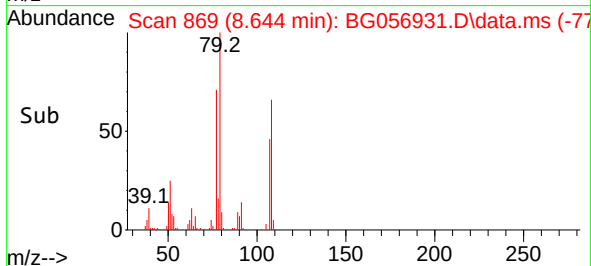
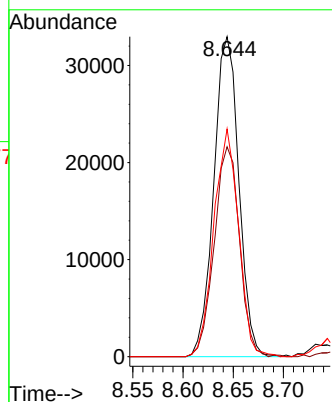
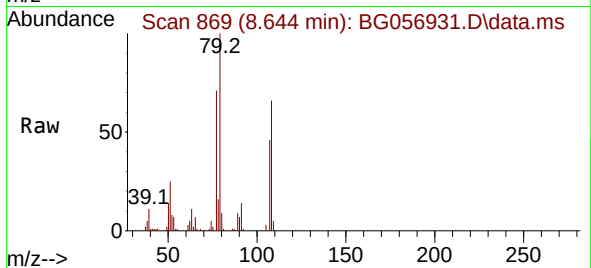
PB151743BS

Tgt Ion: 79 Resp: 57078
Ion Ratio Lower Upper
79 100
108 65.6 51.2 76.8
77 71.2 54.4 81.6

Manual Integrations

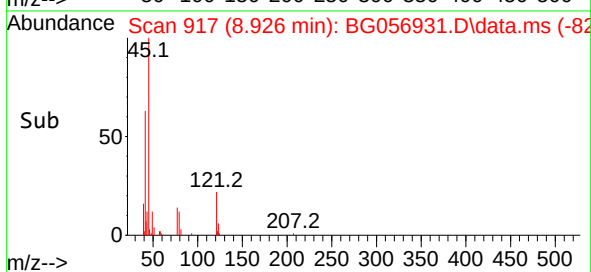
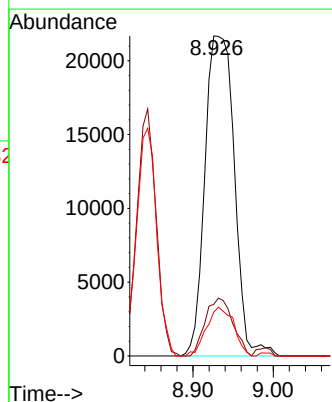
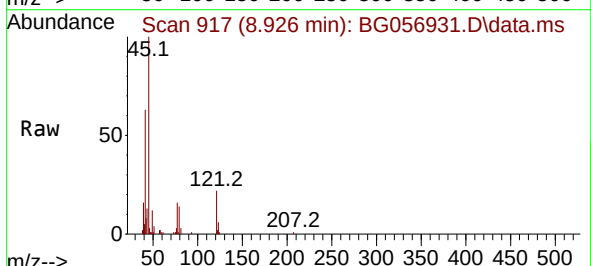
APPROVED

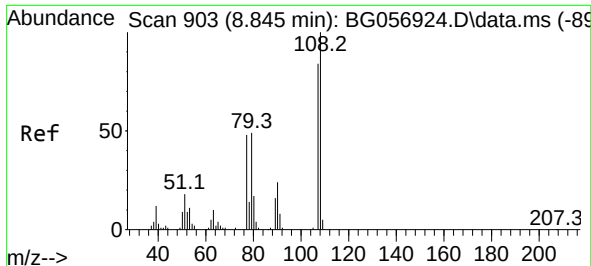
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.146 ng m
RT: 8.926 min Scan# 917
Delta R.T. -0.007 min
Lab File: BG056931.D
Acq: 30 Mar 2023 20:12

Tgt Ion: 45 Resp: 55318
Ion Ratio Lower Upper
45 100
77 16.1 0.0 38.7
79 13.7 0.0 35.1





#17

2-Methylphenol

Concen: 44.930 ng

RT: 8.844 min Scan# 903

Delta R.T. -0.001 min

Lab File: BG056931.D

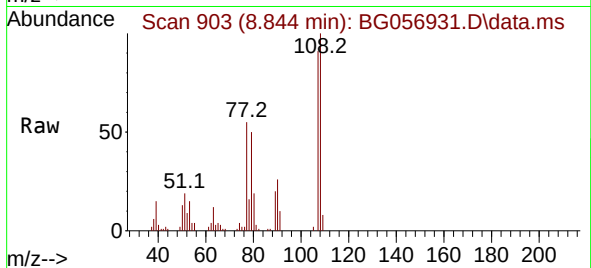
Acq: 30 Mar 2023 20:12

Instrument :

BNA_G

ClientSampleId :

PB151743BS



Tgt Ion:107 Resp: 47874

Ion Ratio Lower Upper

107 100

108 109.4 96.0 144.0

77 59.9 45.6 68.4

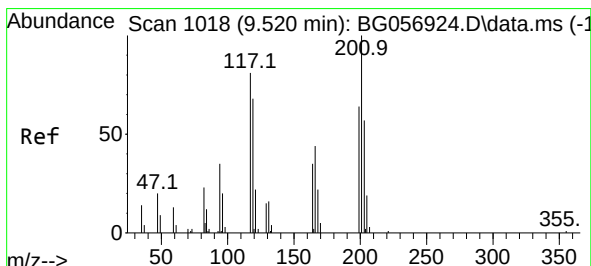
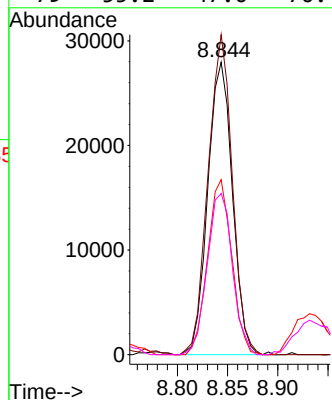
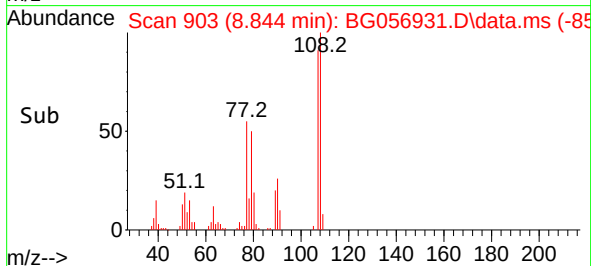
79 55.2 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/31/2023

Supervised By :Jagrut Upadhyay 03/31/2023



#18

Hexachloroethane

Concen: 44.496 ng

RT: 9.519 min Scan# 1018

Delta R.T. -0.001 min

Lab File: BG056931.D

Acq: 30 Mar 2023 20:12

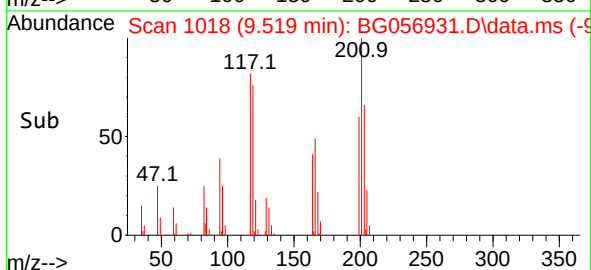
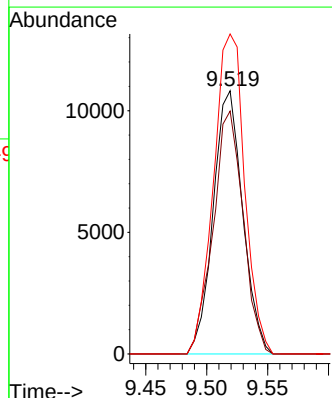
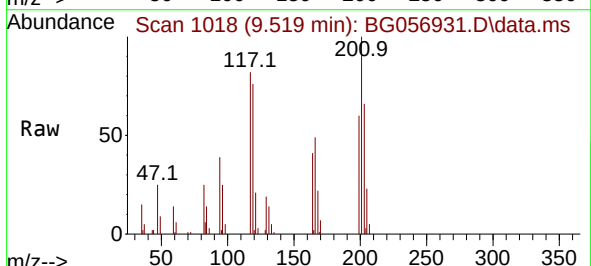
Tgt Ion:117 Resp: 18206

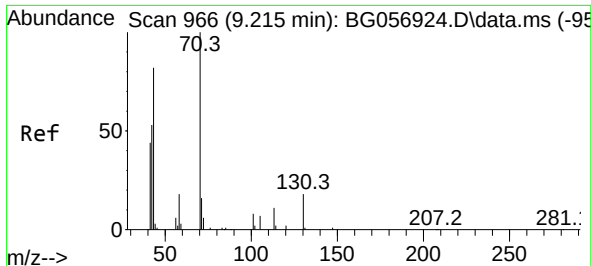
Ion Ratio Lower Upper

117 100

119 92.3 67.0 100.6

201 121.6 98.7 148.1





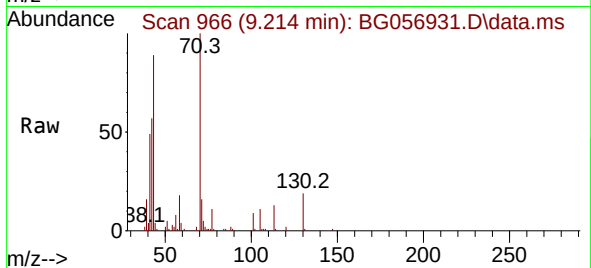
#19
n-Nitroso-di-n-propylamine
Concen: 40.491 ng
RT: 9.214 min Scan# 90
Delta R.T. -0.001 min
Lab File: BG056931.D
Acq: 30 Mar 2023 20:12

Instrument :

BNA_G

ClientSampleId :

PB151743BS

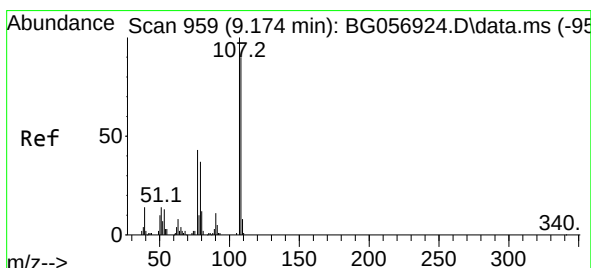
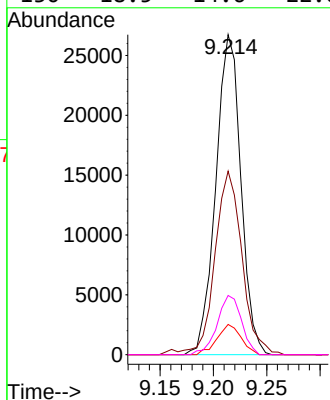
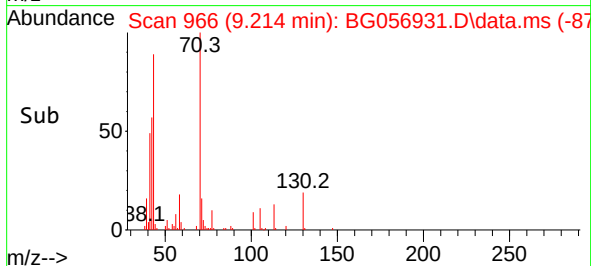


Tgt Ion: 70 Resp: 4365
Ion Ratio Lower Upper
70 100
42 57.3 43.4 65.0
101 9.5 6.2 9.2
130 18.5 14.6 22.0

Manual Integrations

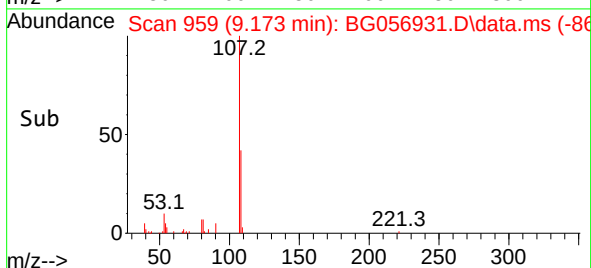
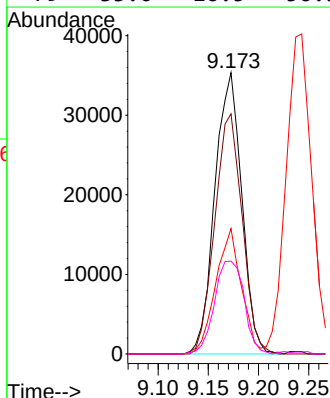
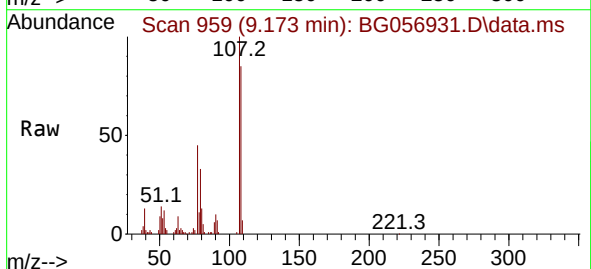
APPROVED

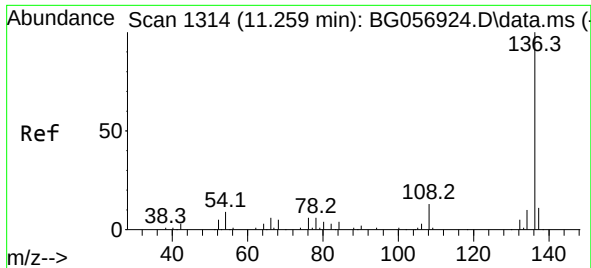
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023



#20
3+4-Methylphenols
Concen: 44.181 ng
RT: 9.173 min Scan# 959
Delta R.T. -0.001 min
Lab File: BG056931.D
Acq: 30 Mar 2023 20:12

Tgt Ion:107 Resp: 65828
Ion Ratio Lower Upper
107 100
108 85.3 69.9 109.9
77 44.6 22.7 62.7
79 33.0 16.5 56.5





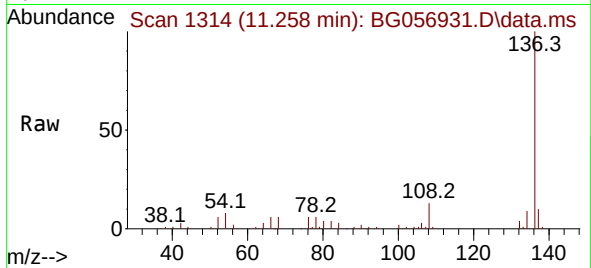
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.258 min Scan# 1314
Delta R.T. -0.001 min
Lab File: BG056931.D
Acq: 30 Mar 2023 20:12

Instrument :

BNA_G

ClientSampleId :

PB151743BS

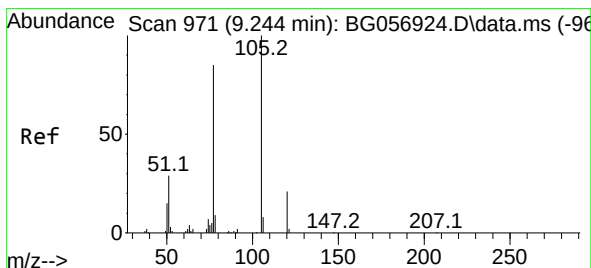
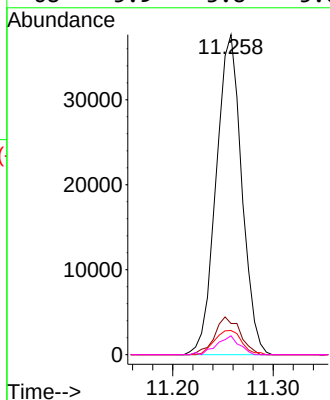
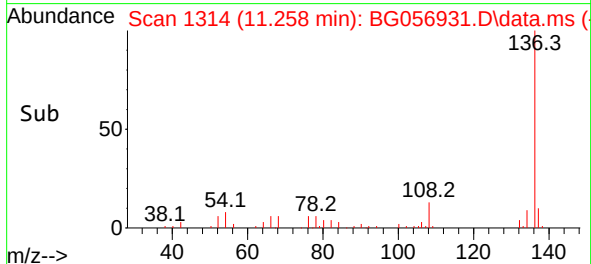


Tgt Ion:136 Resp: 66695
Ion Ratio Lower Upper
136 100
137 9.7 8.6 13.0
54 7.6 6.9 10.3
68 5.9 3.8 5.6#

Manual Integrations

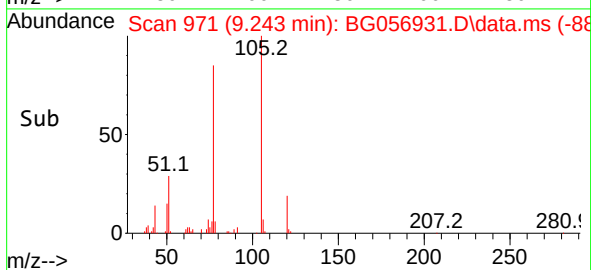
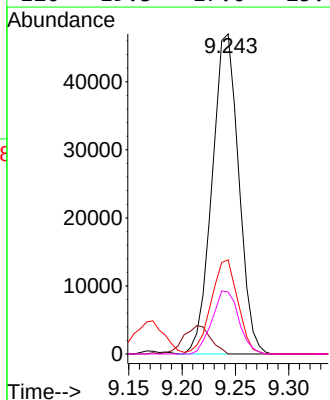
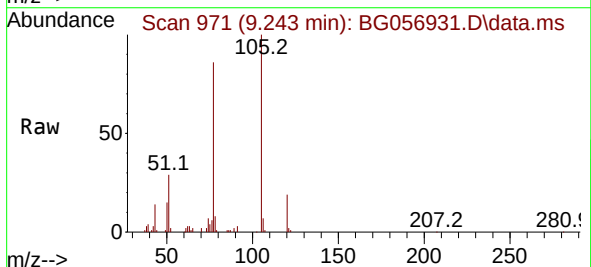
APPROVED

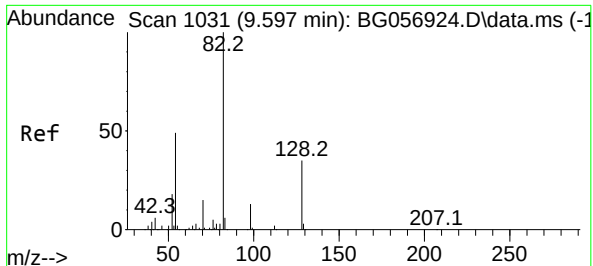
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023



#22
Acetophenone
Concen: 41.130 ng
RT: 9.243 min Scan# 971
Delta R.T. -0.001 min
Lab File: BG056931.D
Acq: 30 Mar 2023 20:12

Tgt Ion:105 Resp: 81627
Ion Ratio Lower Upper
105 100
71 0.0 0.7 1.1#
51 29.4 23.8 35.8
120 19.3 17.0 25.4





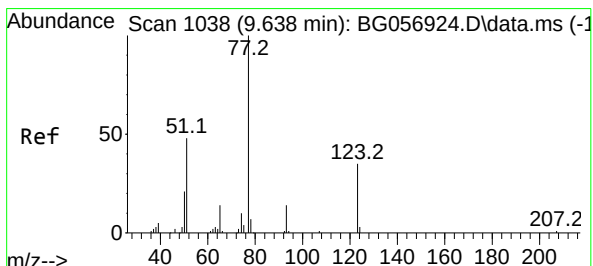
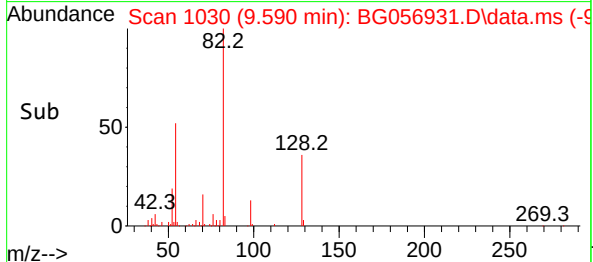
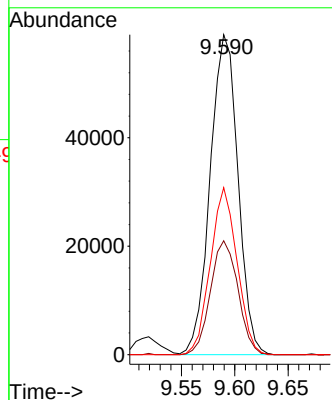
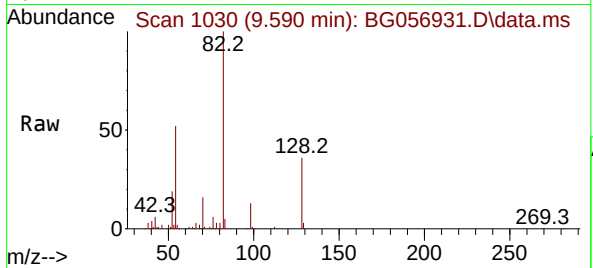
#23
Nitrobenzene-d5
Concen: 65.514 ng
RT: 9.590 min Scan# 1030
Delta R.T. -0.007 min
Lab File: BG056931.D
Acq: 30 Mar 2023 20:12

Instrument :
BNA_G
ClientSampleId :
PB151743BS

Tgt Ion: 82 Resp: 106780
Ion Ratio Lower Upper
82 100
128 35.6 27.9 41.9
54 52.2 39.4 59.2

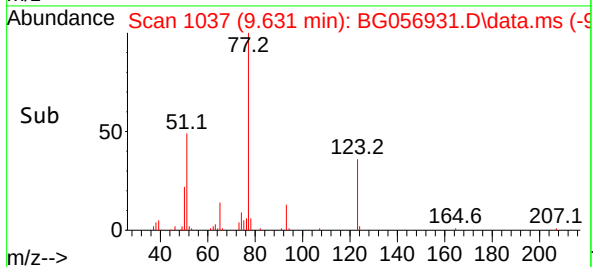
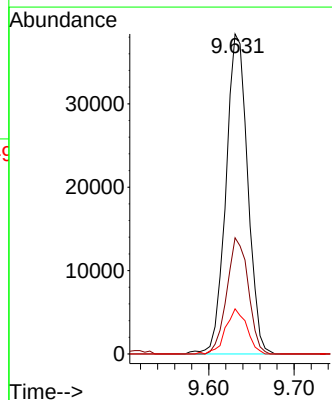
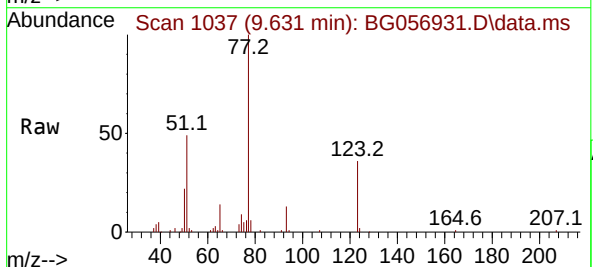
Manual Integrations
APPROVED

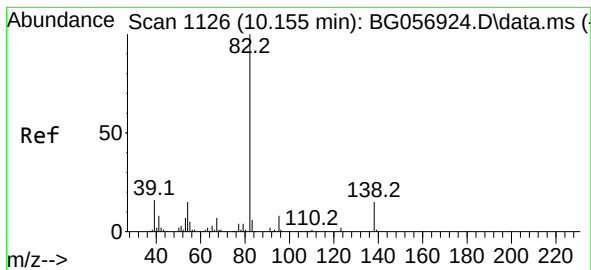
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023



#24
Nitrobenzene
Concen: 40.836 ng
RT: 9.631 min Scan# 1037
Delta R.T. -0.007 min
Lab File: BG056931.D
Acq: 30 Mar 2023 20:12

Tgt Ion: 77 Resp: 68053
Ion Ratio Lower Upper
77 100
123 36.3 27.6 41.4
65 14.1 11.5 17.3





#25

Isophorone

Concen: 39.396 ng

RT: 10.154 min Scan# 1126

Delta R.T. -0.001 min

Lab File: BG056931.D

Acq: 30 Mar 2023 20:12

Instrument :

BNA_G

ClientSampleId :

PB151743BS

Tgt Ion: 82 Resp: 12228

Ion Ratio Lower Upper

82 100

95 8.2 6.3 9.5

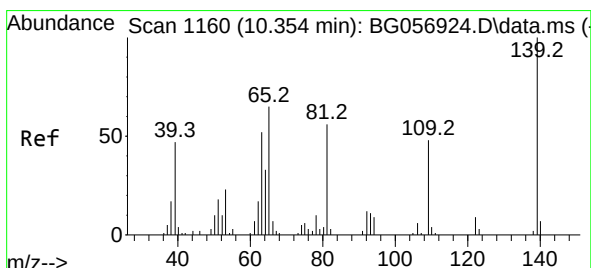
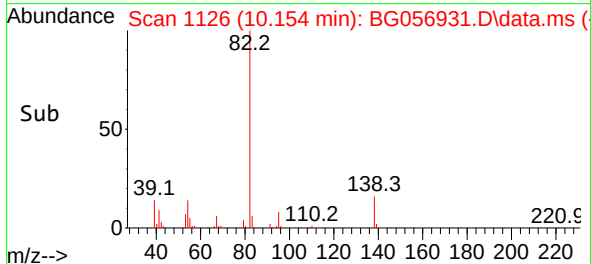
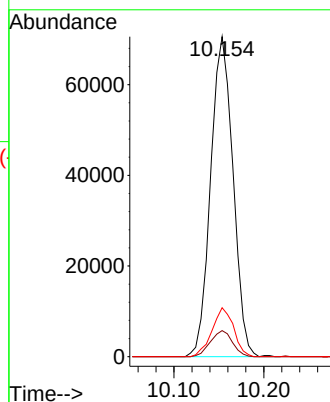
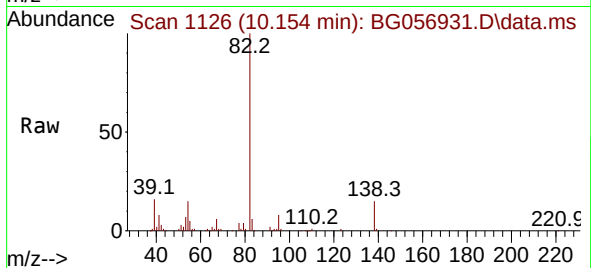
138 15.3 11.8 17.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/31/2023

Supervised By :Jagrut Upadhyay 03/31/2023



#26

2-Nitrophenol

Concen: 40.661 ng

RT: 10.347 min Scan# 1159

Delta R.T. -0.007 min

Lab File: BG056931.D

Acq: 30 Mar 2023 20:12

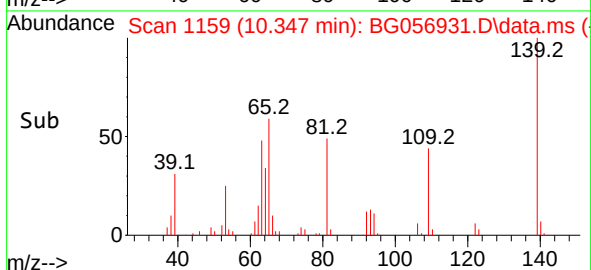
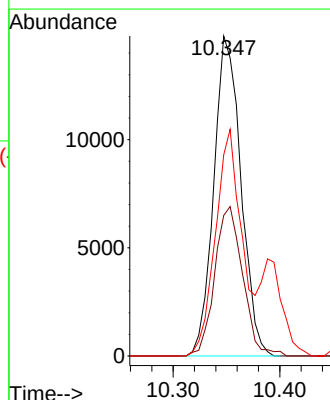
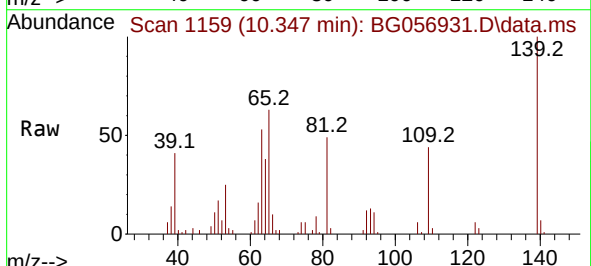
Tgt Ion:139 Resp: 26155

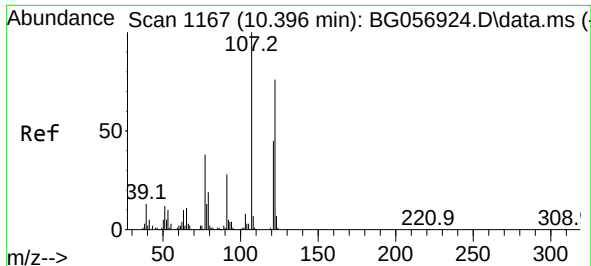
Ion Ratio Lower Upper

139 100

109 43.9 38.2 57.4

65 62.8 51.8 77.8





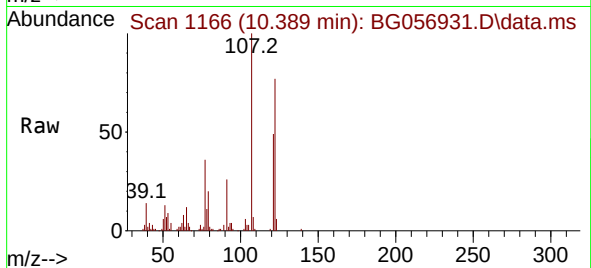
#27
2,4-Dimethylphenol
Concen: 44.572 ng
RT: 10.389 min Scan# 1166
Delta R.T. -0.007 min
Lab File: BG056931.D
Acq: 30 Mar 2023 20:12

Instrument :

BNA_G

ClientSampleId :

PB151743BS

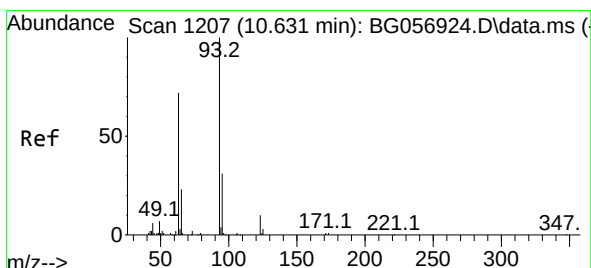
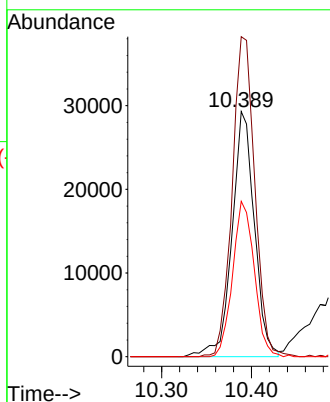
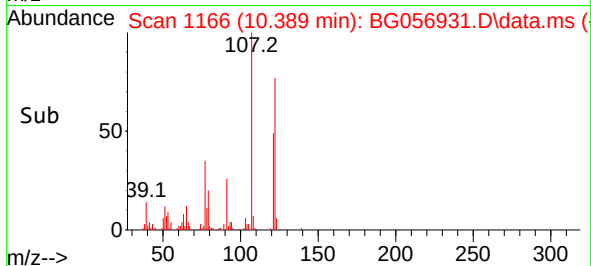


Tgt Ion:122 Resp: 5062
Ion Ratio Lower Upper
122 100
107 130.6 105.7 158.5
121 63.4 48.0 72.0

Manual Integrations

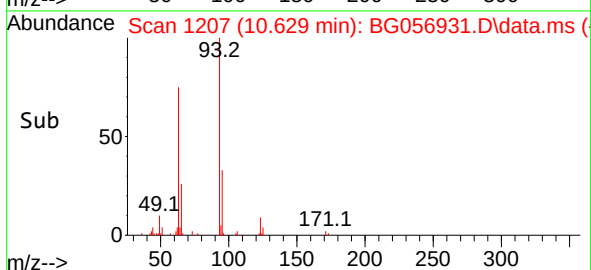
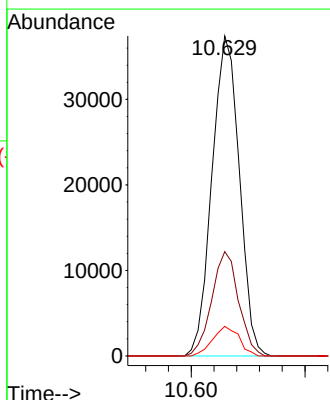
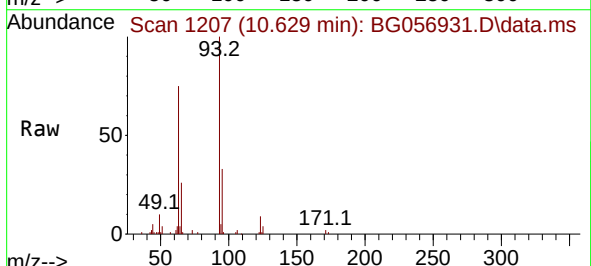
APPROVED

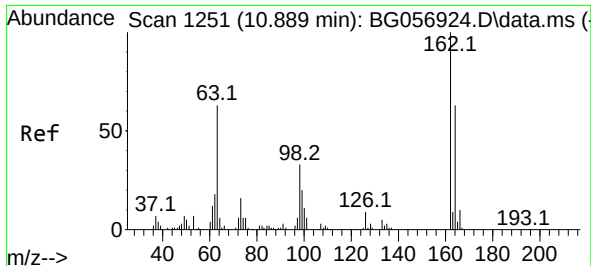
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023



#28
bis(2-Chloroethoxy)methane
Concen: 40.159 ng
RT: 10.629 min Scan# 1207
Delta R.T. -0.001 min
Lab File: BG056931.D
Acq: 30 Mar 2023 20:12

Tgt Ion: 93 Resp: 62405
Ion Ratio Lower Upper
93 100
95 32.6 24.6 37.0
123 9.2 7.8 11.6





#29

2,4-Dichlorophenol

Concen: 43.328 ng

RT: 10.888 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG056931.D

Acq: 30 Mar 2023 20:12

Instrument :

BNA_G

ClientSampleId :

PB151743BS

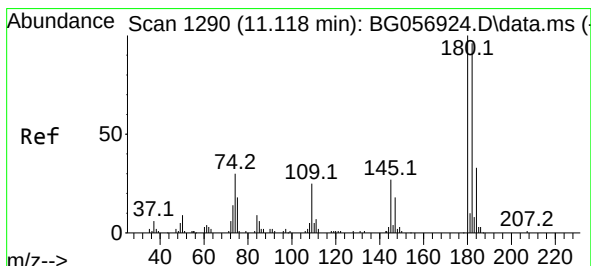
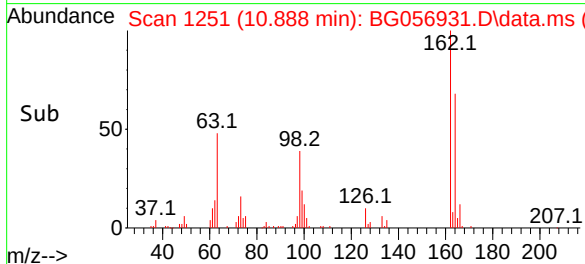
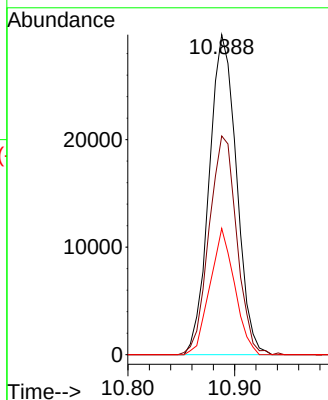
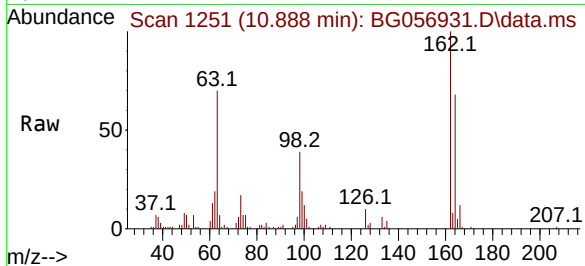
Tgt Ion:	162	Resp:	52920
Ion Ratio	Lower	Upper	
162	100		
164	68.3	43.4	83.4
98	39.4	12.5	52.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/31/2023

Supervised By :Jagrut Upadhyay 03/31/2023



#30

1,2,4-Trichlorobenzene

Concen: 43.189 ng

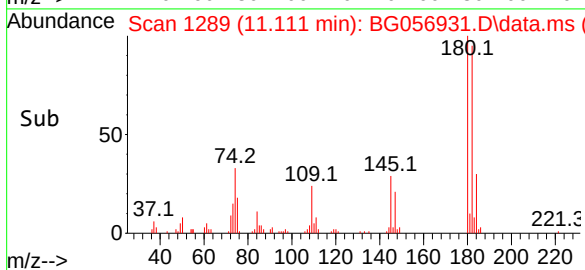
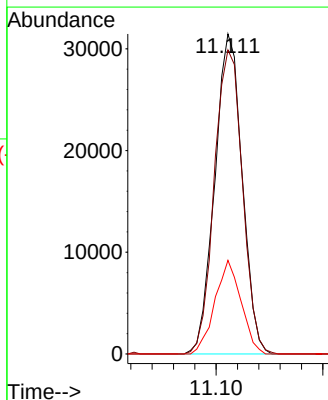
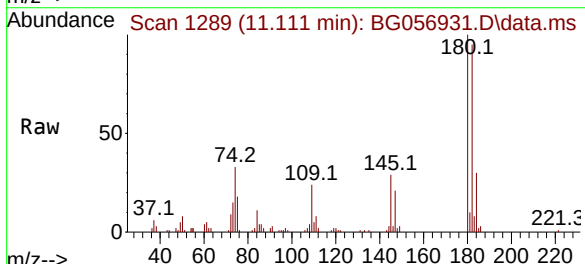
RT: 11.111 min Scan# 1289

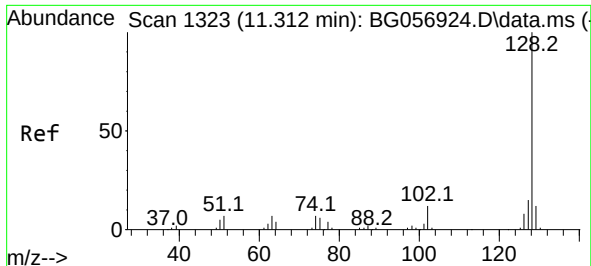
Delta R.T. -0.007 min

Lab File: BG056931.D

Acq: 30 Mar 2023 20:12

Tgt Ion:	180	Resp:	56049
Ion Ratio	Lower	Upper	
180	100		
182	95.0	77.1	115.7
145	29.3	21.3	31.9





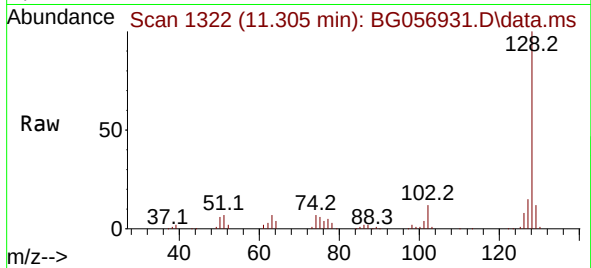
#31
Naphthalene
Concen: 40.749 ng
RT: 11.305 min Scan# 1130
Delta R.T. -0.007 min
Lab File: BG056931.D
Acq: 30 Mar 2023 20:12

Instrument :

BNA_G

ClientSampleId :

PB151743BS

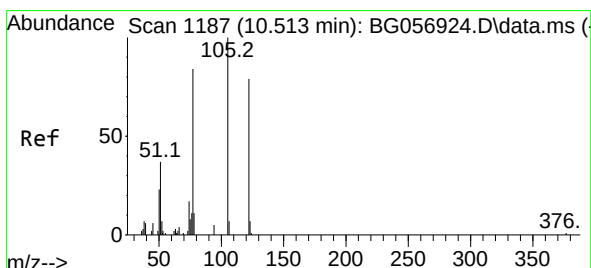
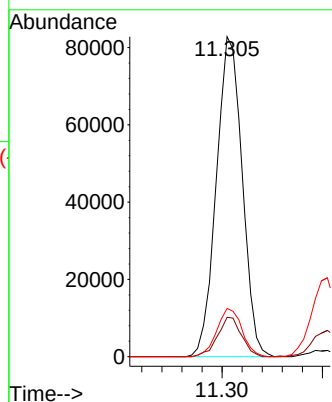
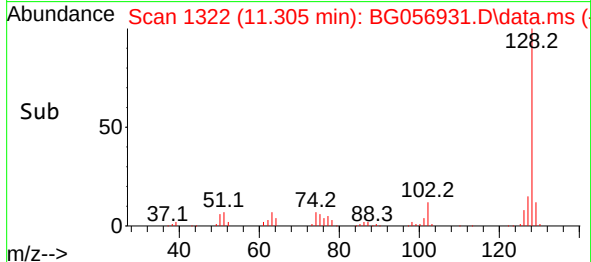


Tgt Ion:128 Resp: 148130
Ion Ratio Lower Upper
128 100
129 12.3 9.4 14.2
127 15.0 12.2 18.4

Manual Integrations

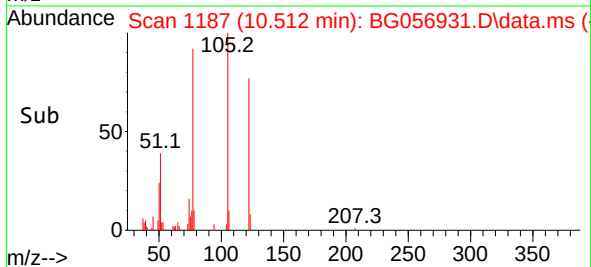
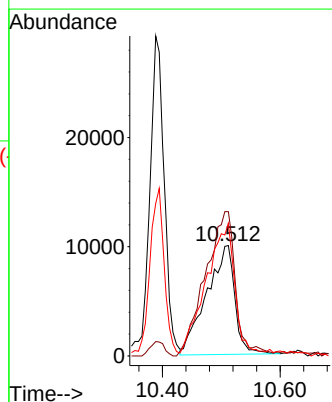
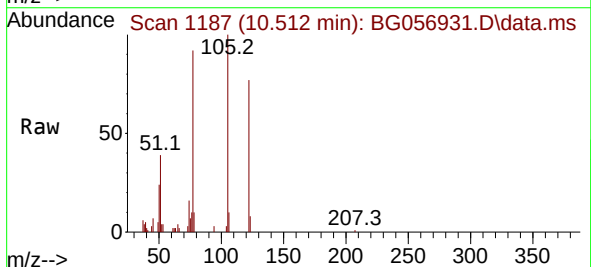
APPROVED

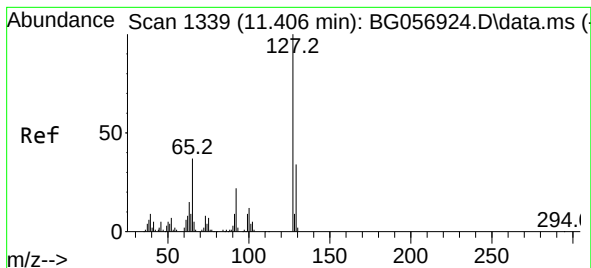
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023



#32
Benzoic acid
Concen: 42.545 ng
RT: 10.512 min Scan# 1187
Delta R.T. -0.001 min
Lab File: BG056931.D
Acq: 30 Mar 2023 20:12

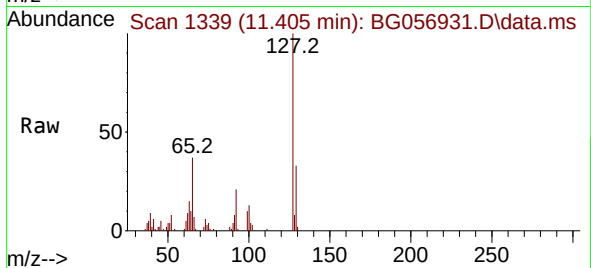
Tgt Ion:122 Resp: 33191
Ion Ratio Lower Upper
122 100
105 130.6 105.4 145.4
77 120.1 87.4 127.4





#33
4-Chloroaniline
Concen: 22.933 ng
RT: 11.405 min Scan# 1339
Delta R.T. -0.001 min
Lab File: BG056931.D
Acq: 30 Mar 2023 20:12

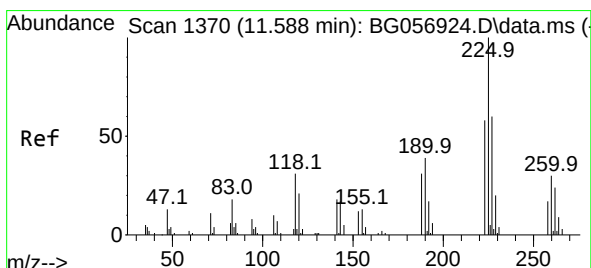
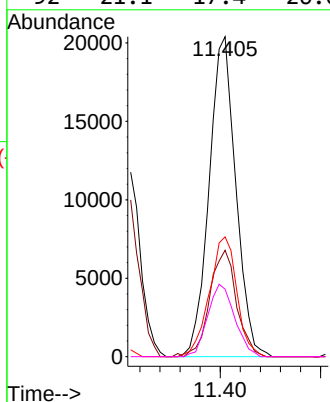
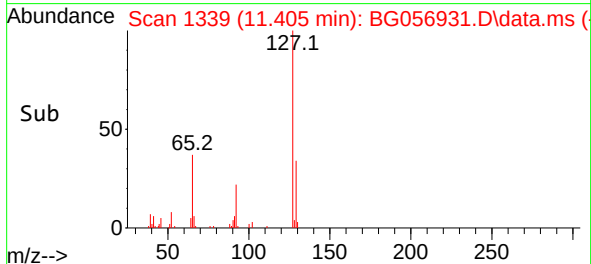
Instrument :
BNA_G
ClientSampleId :
PB151743BS



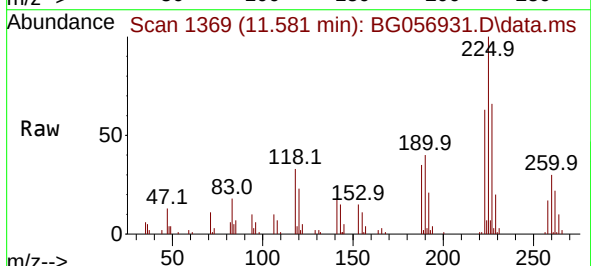
Tgt Ion:	127	Resp:	3765
Ion Ratio	Lower	Upper	
127	100		
129	33.2	27.6	41.4
65	37.5	29.8	44.8
92	21.1	17.4	26.0

Manual Integrations
APPROVED

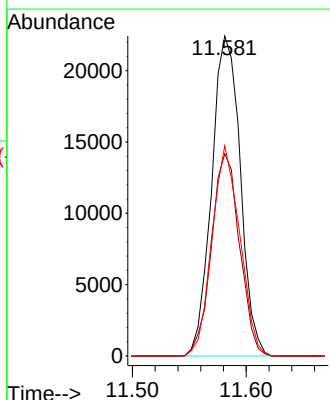
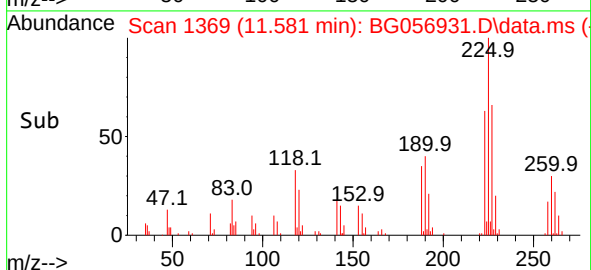
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023

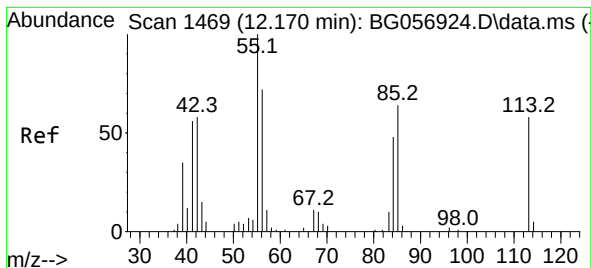


#34
Hexachlorobutadiene
Concen: 40.155 ng
RT: 11.581 min Scan# 1369
Delta R.T. -0.007 min
Lab File: BG056931.D
Acq: 30 Mar 2023 20:12



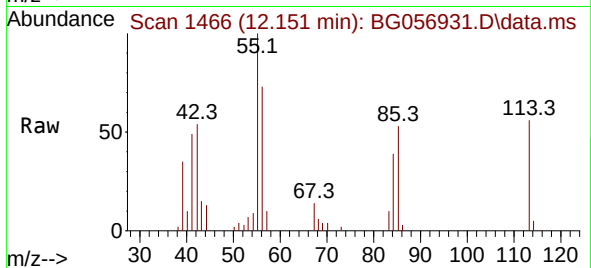
Tgt Ion:	225	Resp:	39145
Ion Ratio	Lower	Upper	
225	100		
223	63.2	46.4	69.6
227	65.6	48.0	72.0





#35
 Caprolactam
 Concen: 43.949 ng
 RT: 12.151 min Scan# 1466
 Delta R.T. -0.019 min
 Lab File: BG056931.D
 Acq: 30 Mar 2023 20:12

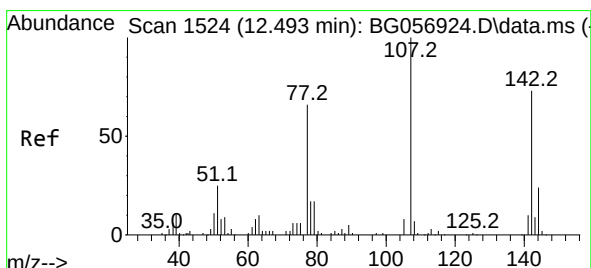
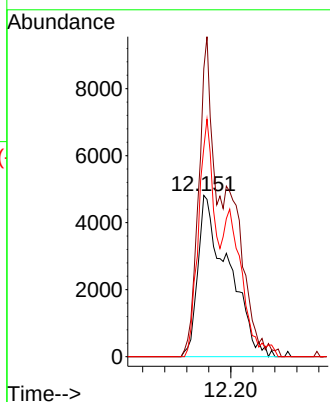
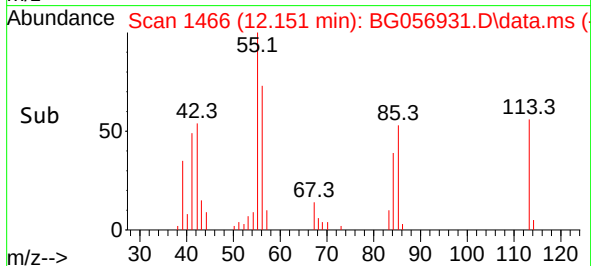
Instrument :
 BNA_G
 ClientSampleId :
 PB151743BS



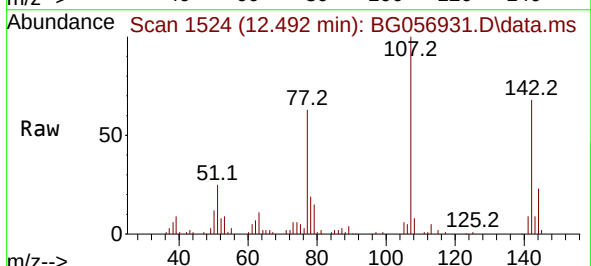
Tgt Ion:113 Resp: 1851
 Ion Ratio Lower Upper
 113 100
 55 178.7 151.6 191.6
 56 129.6 103.7 143.7

Manual Integrations
 APPROVED

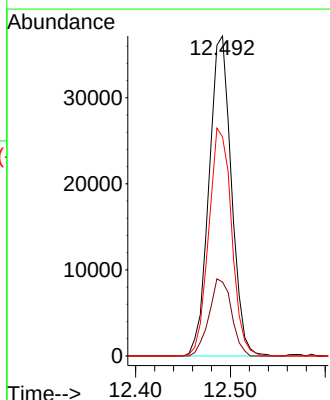
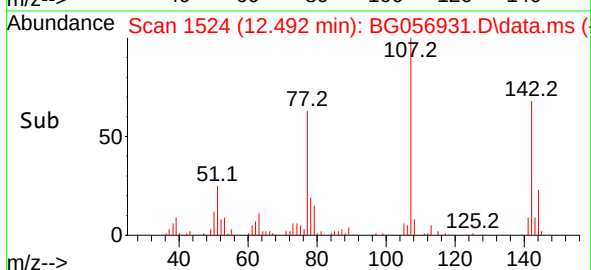
Reviewed By :Christian Giraldo 03/31/2023
 Supervised By :Jagrut Upadhyay 03/31/2023

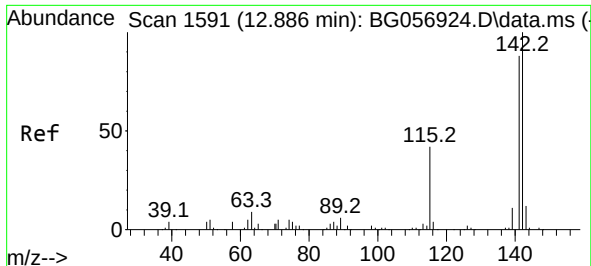


#36
 4-Chloro-3-methylphenol
 Concen: 44.595 ng
 RT: 12.492 min Scan# 1524
 Delta R.T. -0.001 min
 Lab File: BG056931.D
 Acq: 30 Mar 2023 20:12



Tgt Ion:107 Resp: 60913
 Ion Ratio Lower Upper
 107 100
 144 23.1 19.0 28.4
 142 68.4 58.6 88.0





#37
2-Methylnaphthalene
Concen: 39.027 ng
RT: 12.885 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG056931.D
Acq: 30 Mar 2023 20:12

Instrument :

BNA_G

ClientSampleId :

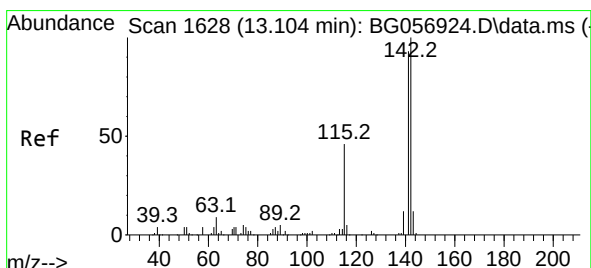
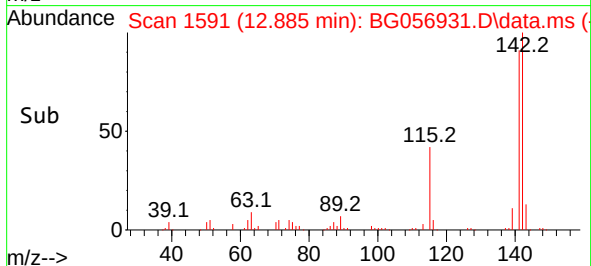
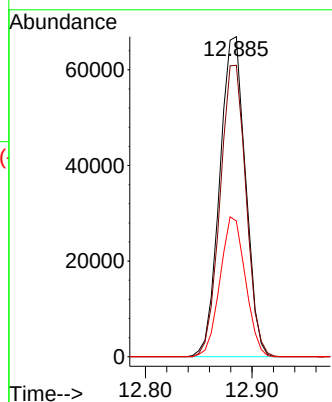
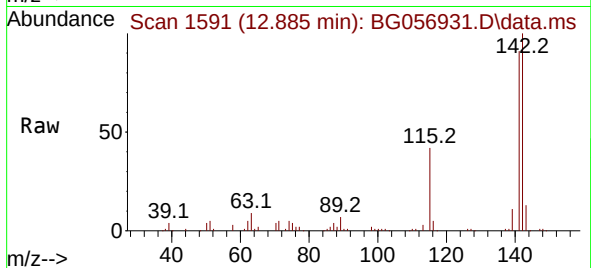
PB151743BS

Tgt Ion:142 Resp: 11260
Ion Ratio Lower Upper
142 100
141 91.0 70.3 105.5
115 42.4 33.5 50.3

Manual Integrations

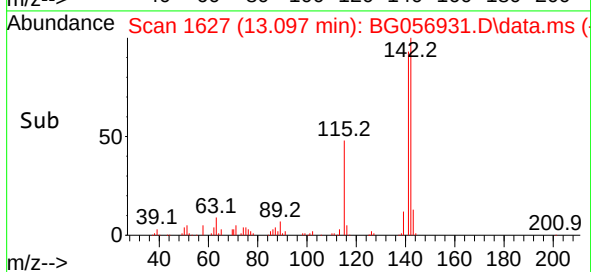
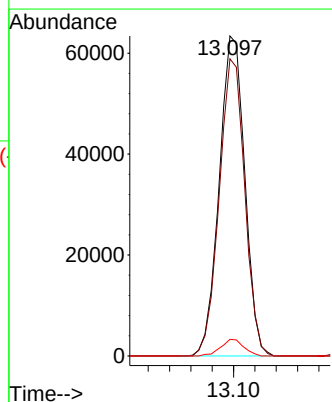
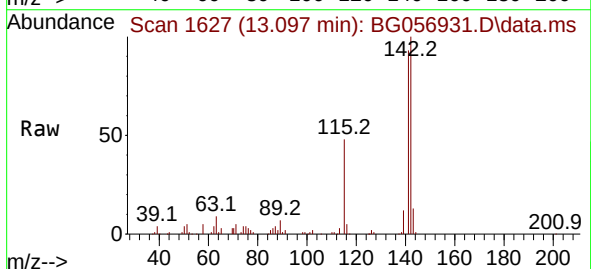
APPROVED

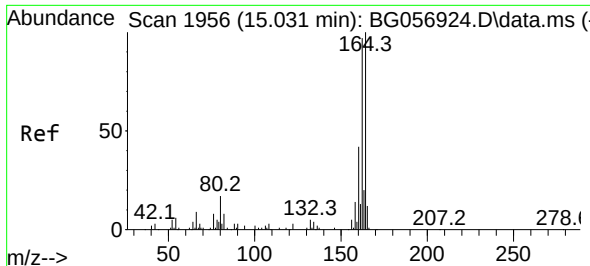
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023



#38
1-Methylnaphthalene
Concen: 38.887 ng
RT: 13.097 min Scan# 1627
Delta R.T. -0.007 min
Lab File: BG056931.D
Acq: 30 Mar 2023 20:12

Tgt Ion:142 Resp: 105353
Ion Ratio Lower Upper
142 100
141 92.8 74.0 111.0
116 5.2 3.7 5.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.029 min Scan# 1956
Delta R.T. -0.001 min
Lab File: BG056931.D
Acq: 30 Mar 2023 20:12

Instrument :

BNA_G

ClientSampleId :

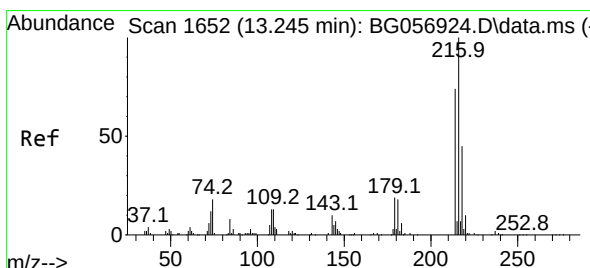
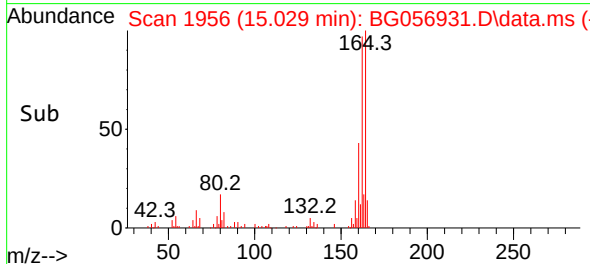
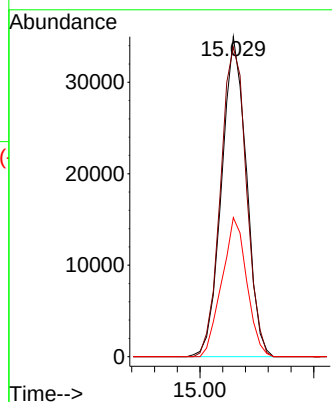
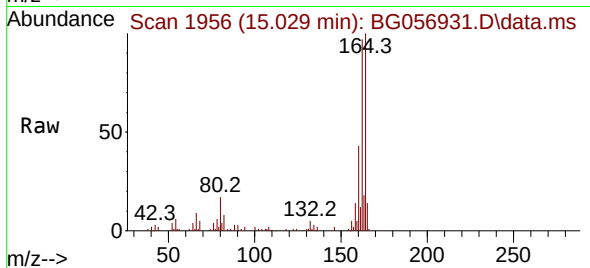
PB151743BS

Tgt Ion:164 Resp: 52849
Ion Ratio Lower Upper
164 100
162 96.8 77.8 116.8
160 43.5 33.5 50.3

Manual Integrations

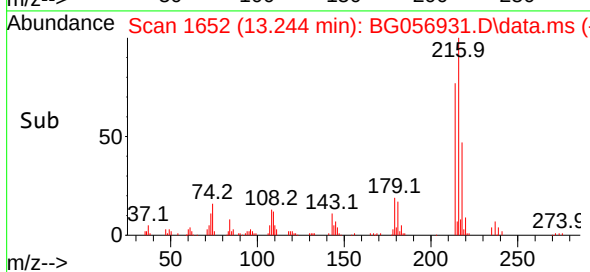
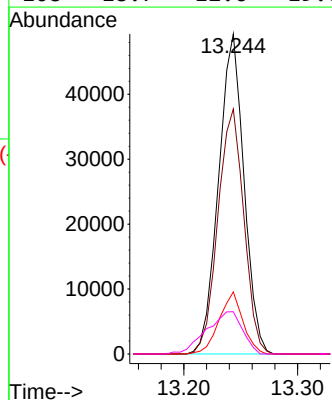
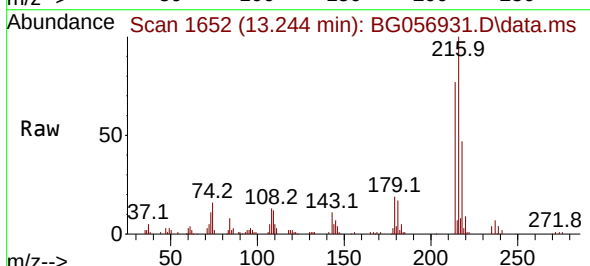
APPROVED

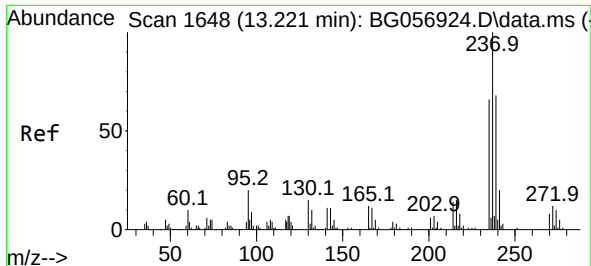
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.673 ng
RT: 13.244 min Scan# 1652
Delta R.T. -0.001 min
Lab File: BG056931.D
Acq: 30 Mar 2023 20:12

Tgt Ion:216 Resp: 76366
Ion Ratio Lower Upper
216 100
214 78.1 63.3 94.9
179 18.2 15.0 22.6
108 18.7 12.6 19.0





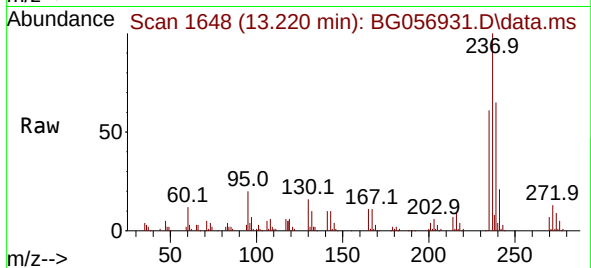
#41
Hexachlorocyclopentadiene
Concen: 107.362 ng
RT: 13.220 min Scan# 1648
Delta R.T. -0.001 min
Lab File: BG056931.D
Acq: 30 Mar 2023 20:12

Instrument :

BNA_G

ClientSampleId :

PB151743BS

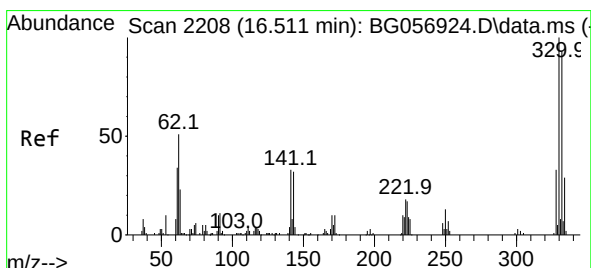
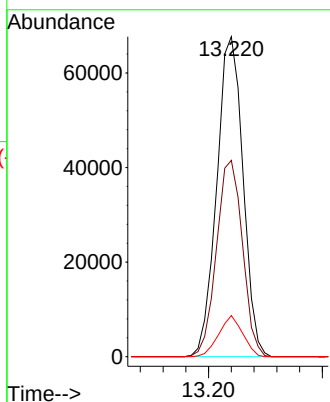
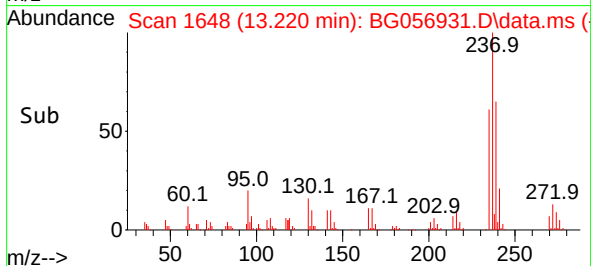


Tgt Ion:237 Resp: 108400
Ion Ratio Lower Upper
237 100
235 61.4 45.9 85.9
272 12.8 0.0 32.3

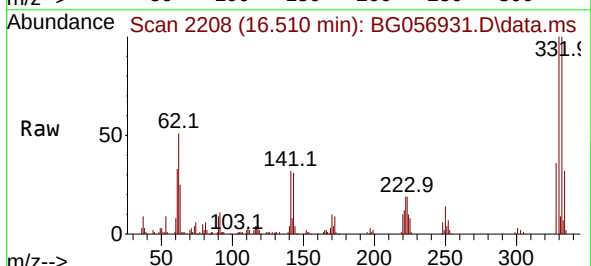
Manual Integrations

APPROVED

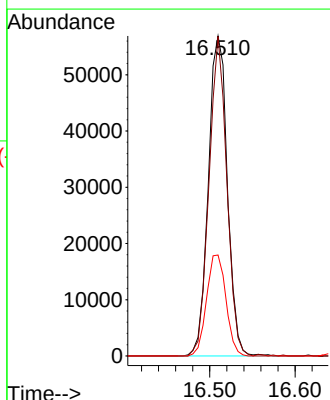
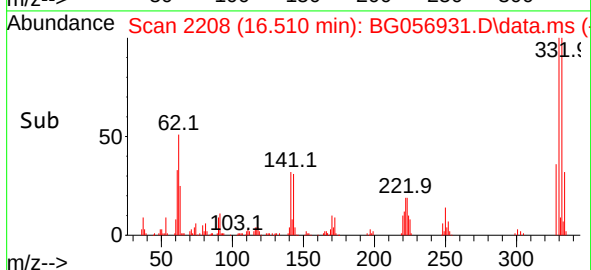
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023

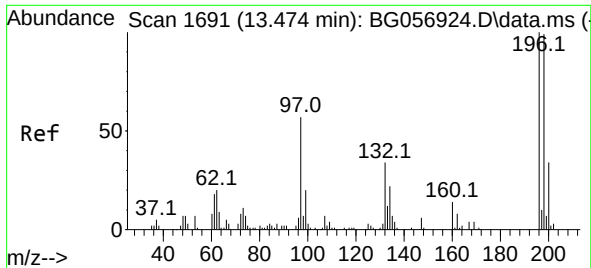


#42
2,4,6-Tribromophenol
Concen: 104.429 ng
RT: 16.510 min Scan# 2208
Delta R.T. -0.001 min
Lab File: BG056931.D
Acq: 30 Mar 2023 20:12



Tgt Ion:330 Resp: 88161
Ion Ratio Lower Upper
330 100
332 93.2 76.1 114.1
141 32.1 25.8 38.6





#43
2,4,6-Trichlorophenol
Concen: 42.954 ng
RT: 13.467 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG056931.D
Acq: 30 Mar 2023 20:12

Instrument :

BNA_G

ClientSampleId :

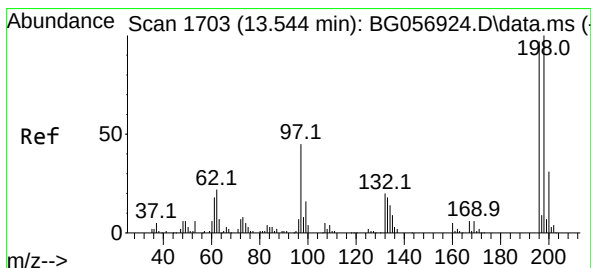
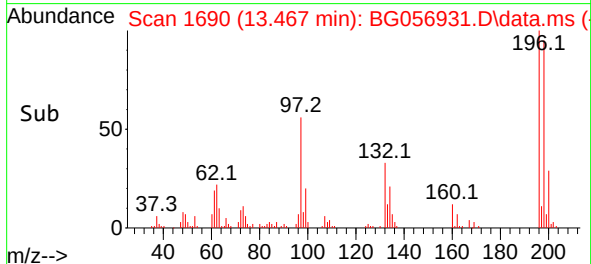
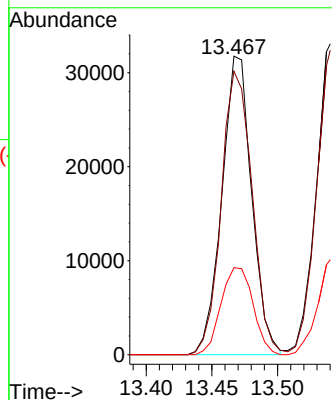
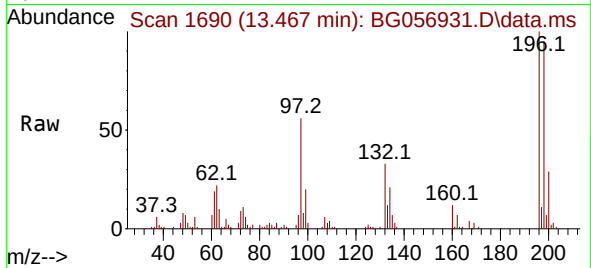
PB151743BS

Tgt Ion:196 Resp: 50230
Ion Ratio Lower Upper
196 100
198 94.9 79.1 118.7
200 29.2 27.2 40.8

Manual Integrations

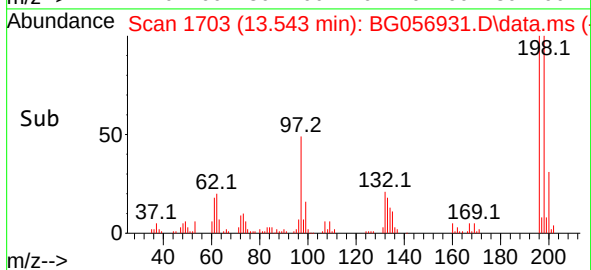
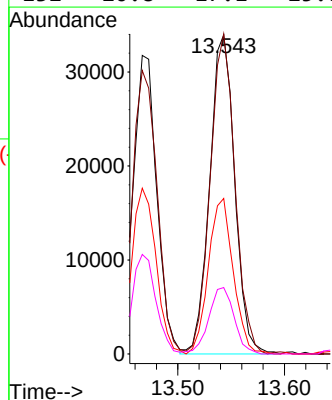
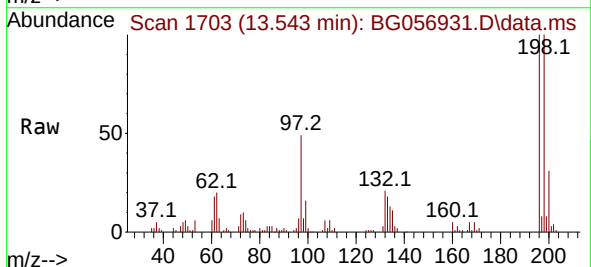
APPROVED

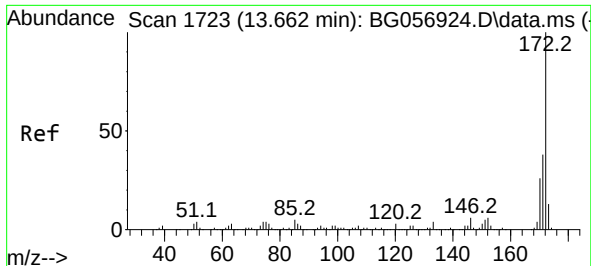
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023



#44
2,4,5-Trichlorophenol
Concen: 39.921 ng
RT: 13.543 min Scan# 1703
Delta R.T. -0.001 min
Lab File: BG056931.D
Acq: 30 Mar 2023 20:12

Tgt Ion:196 Resp: 55304
Ion Ratio Lower Upper
196 100
198 100.3 82.5 123.7
97 48.7 37.0 55.6
132 20.8 17.1 25.7





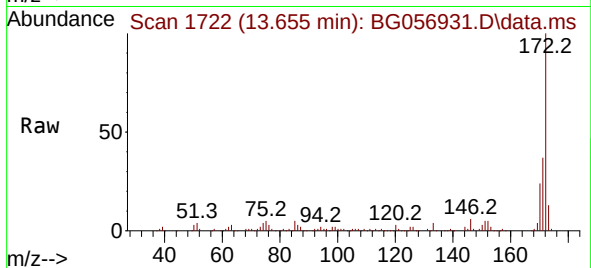
#45
2-Fluorobiphenyl
Concen: 65.847 ng
RT: 13.655 min Scan# 1722
Delta R.T. -0.007 min
Lab File: BG056931.D
Acq: 30 Mar 2023 20:12

Instrument :

BNA_G

ClientSampleId :

PB151743BS

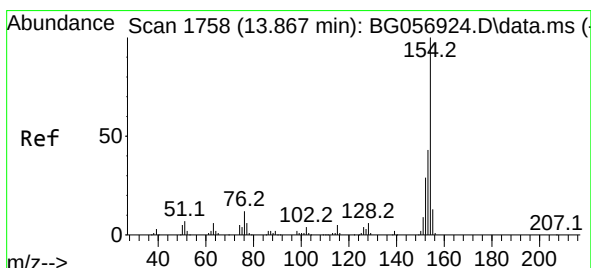
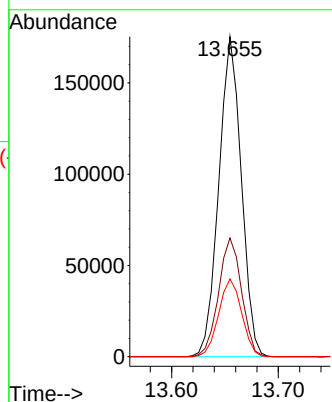
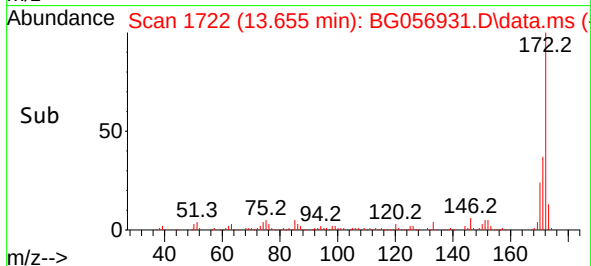


Tgt Ion:172 Resp: 256610
Ion Ratio Lower Upper
172 100
171 37.1 30.6 46.0
170 24.3 20.6 30.8

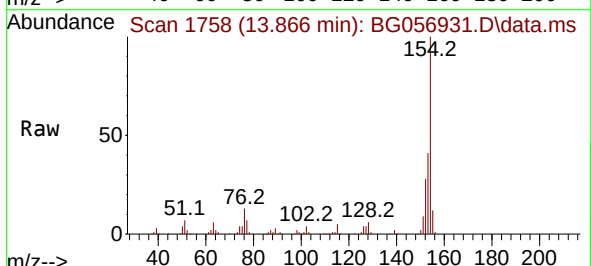
Manual Integrations

APPROVED

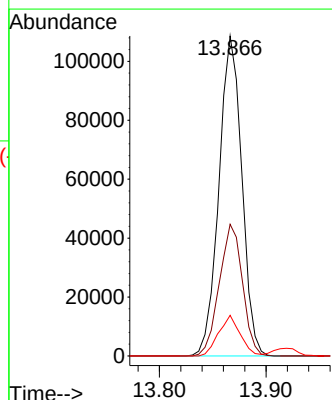
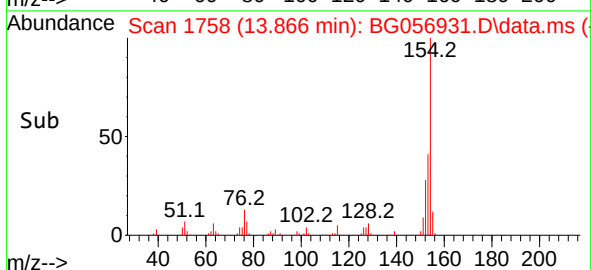
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023

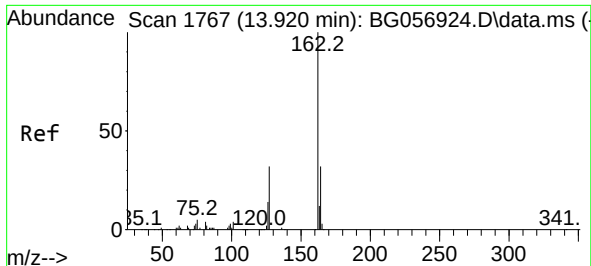


#46
1,1'-Biphenyl
Concen: 41.755 ng
RT: 13.866 min Scan# 1758
Delta R.T. -0.001 min
Lab File: BG056931.D
Acq: 30 Mar 2023 20:12



Tgt Ion:154 Resp: 161524
Ion Ratio Lower Upper
154 100
153 41.1 23.4 63.4
76 12.7 0.0 31.6





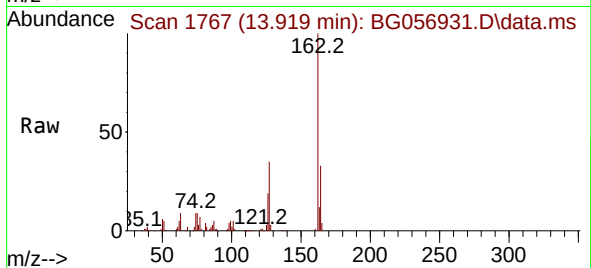
#47
2-Chloronaphthalene
Concen: 42.450 ng
RT: 13.919 min Scan# 1767
Delta R.T. -0.001 min
Lab File: BG056931.D
Acq: 30 Mar 2023 20:12

Instrument :

BNA_G

ClientSampleId :

PB151743BS

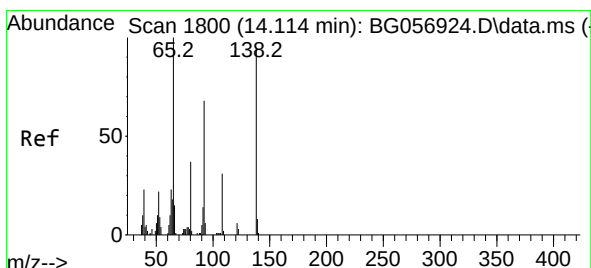
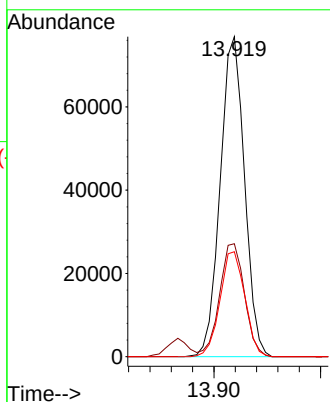
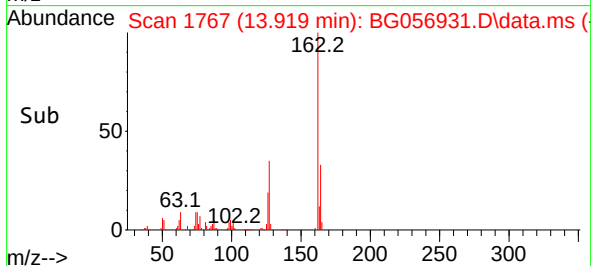


Tgt Ion:162 Resp: 12145
Ion Ratio Lower Upper
162 100
127 35.3 29.5 44.3
164 32.8 25.5 38.3

Manual Integrations

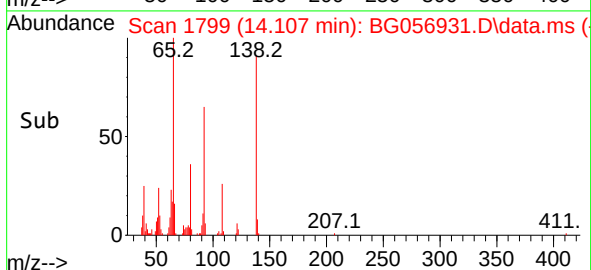
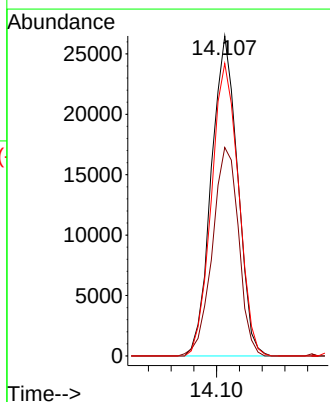
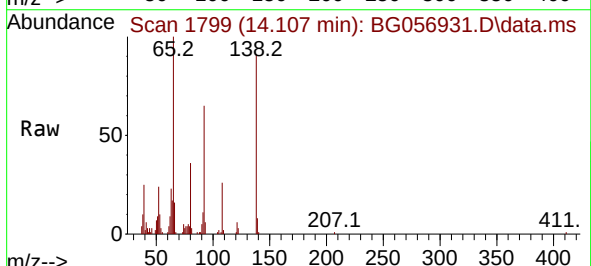
APPROVED

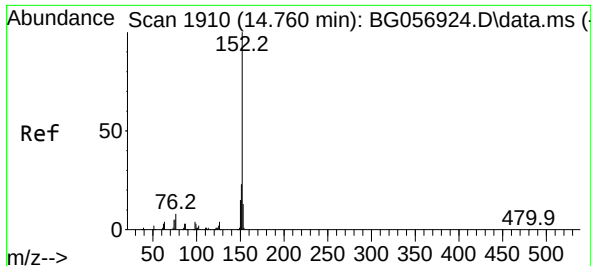
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023



#48
2-Nitroaniline
Concen: 41.527 ng
RT: 14.107 min Scan# 1799
Delta R.T. -0.007 min
Lab File: BG056931.D
Acq: 30 Mar 2023 20:12

Tgt Ion: 65 Resp: 42484
Ion Ratio Lower Upper
65 100
92 65.1 54.3 81.5
138 91.4 76.0 114.0





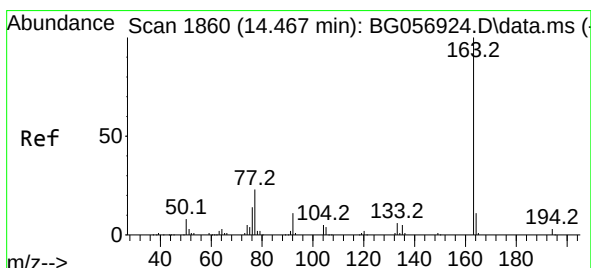
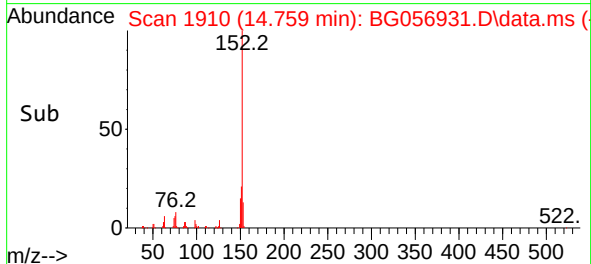
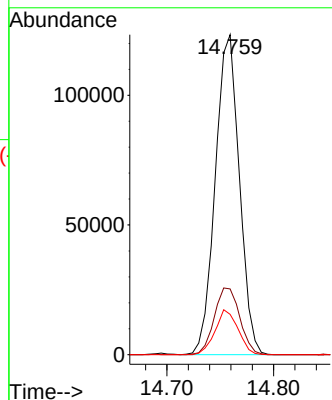
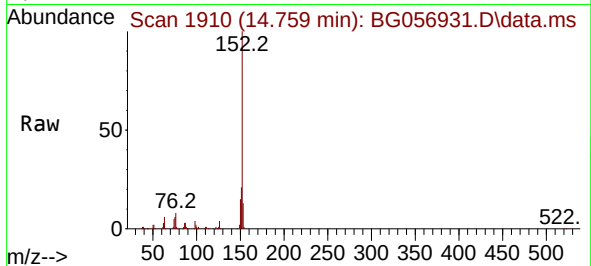
#49
Acenaphthylene
Concen: 41.071 ng
RT: 14.759 min Scan# 1910
Delta R.T. -0.001 min
Lab File: BG056931.D
Acq: 30 Mar 2023 20:12

Instrument :
BNA_G
ClientSampleId :
PB151743BS

Tgt Ion:152 Resp: 193064
Ion Ratio Lower Upper
152 100
151 20.5 18.2 27.2
153 12.6 10.5 15.7

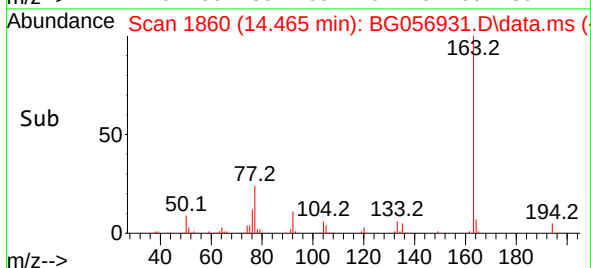
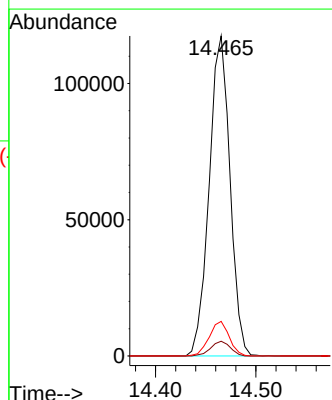
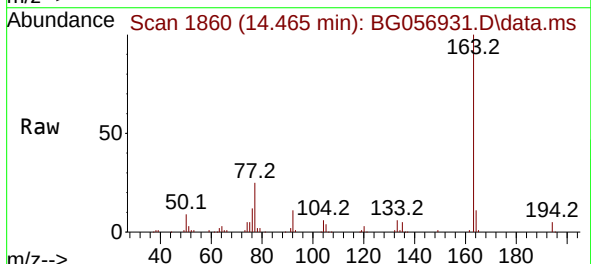
Manual Integrations
APPROVED

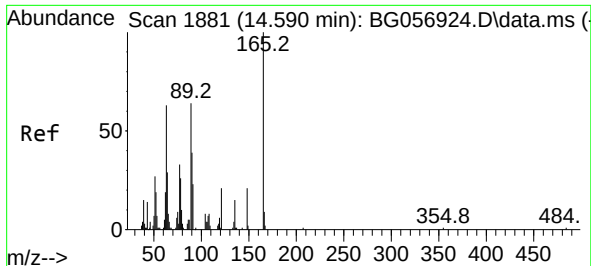
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023



#50
Dimethylphthalate
Concen: 40.702 ng
RT: 14.465 min Scan# 1860
Delta R.T. -0.001 min
Lab File: BG056931.D
Acq: 30 Mar 2023 20:12

Tgt Ion:163 Resp: 169474
Ion Ratio Lower Upper
163 100
194 4.6 2.8 4.2#
164 10.8 8.8 13.2





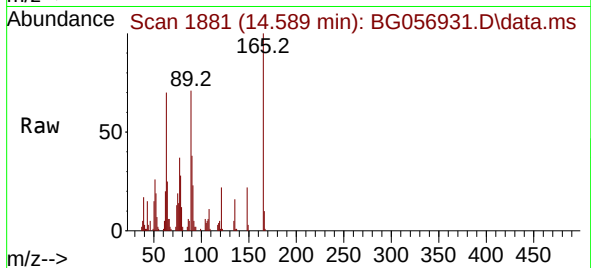
#51
2,6-Dinitrotoluene
Concen: 40.821 ng
RT: 14.589 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG056931.D
Acq: 30 Mar 2023 20:12

Instrument :

BNA_G

ClientSampleId :

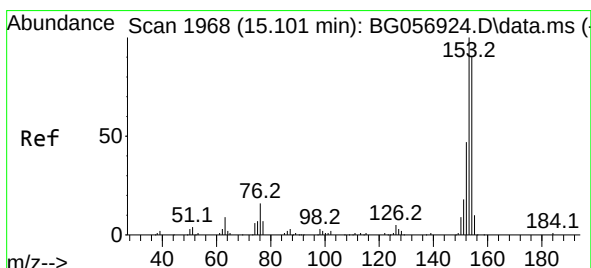
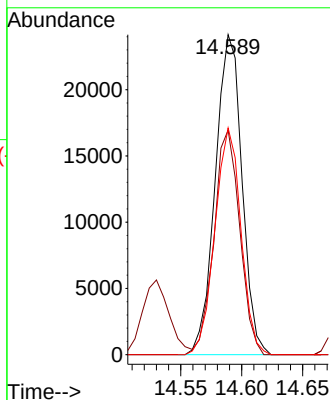
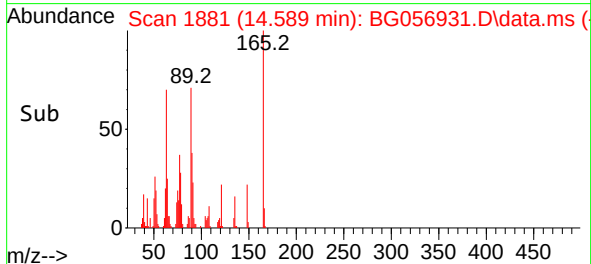
PB151743BS



Tgt Ion:165 Resp: 36724
Ion Ratio Lower Upper
165 100
63 70.2 53.0 79.6
89 70.9 51.0 76.4

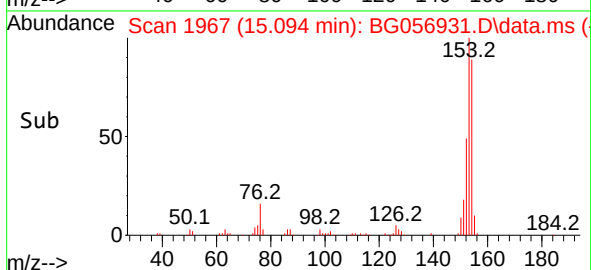
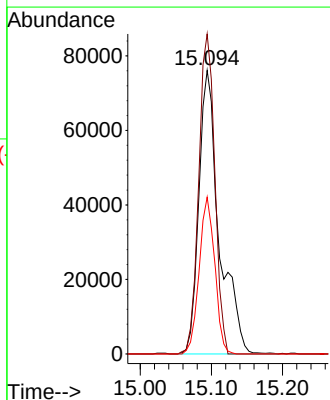
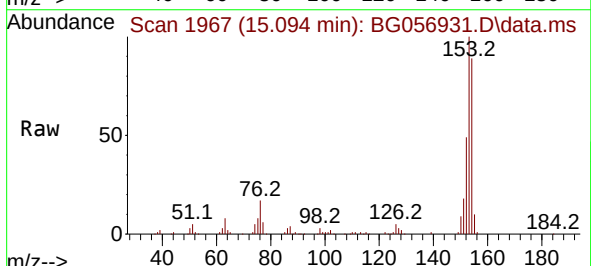
Manual Integrations
APPROVED

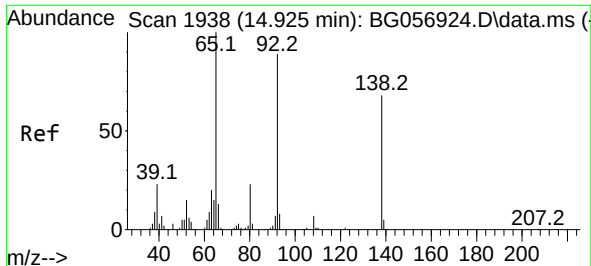
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023



#52
Acenaphthene
Concen: 46.918 ng
RT: 15.094 min Scan# 1967
Delta R.T. -0.007 min
Lab File: BG056931.D
Acq: 30 Mar 2023 20:12

Tgt Ion:154 Resp: 152108
Ion Ratio Lower Upper
154 100
153 112.8 88.9 133.3
152 55.3 41.8 62.8





#53
3-Nitroaniline
Concen: 26.006 ng
RT: 14.918 min Scan# 1937
Delta R.T. -0.007 min
Lab File: BG056931.D
Acq: 30 Mar 2023 20:12

Instrument :

BNA_G

ClientSampleId :

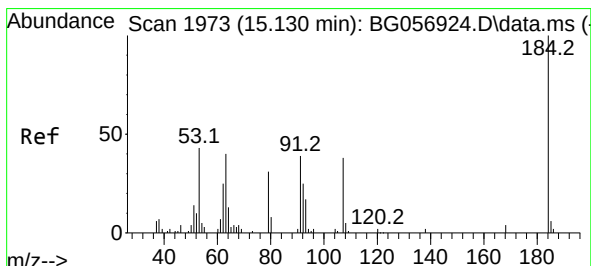
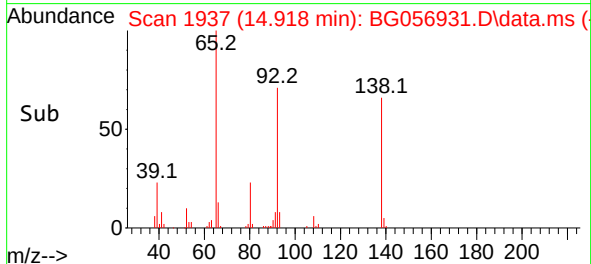
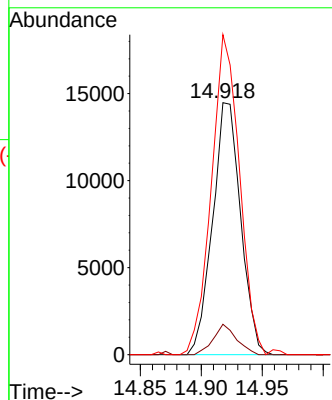
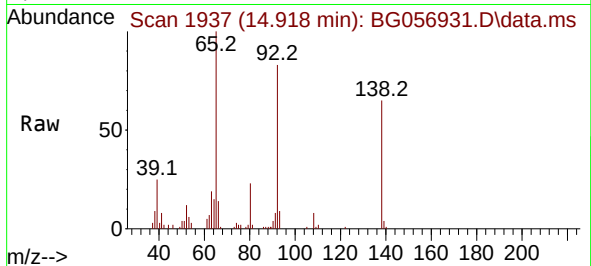
PB151743BS

Tgt Ion:138 Resp: 2315
Ion Ratio Lower Upper
138 100
108 12.1 8.2 12.2
92 127.0 105.2 157.8

Manual Integrations

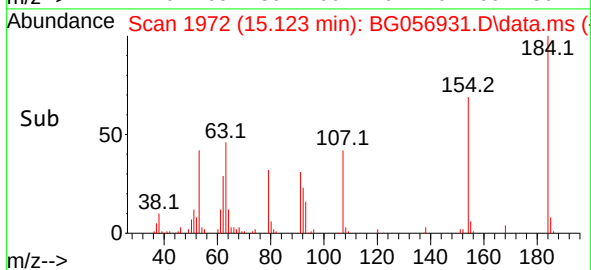
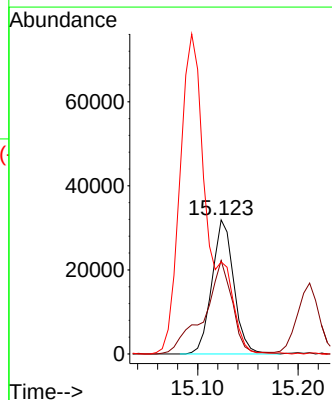
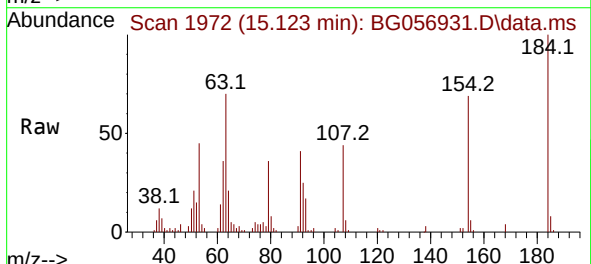
APPROVED

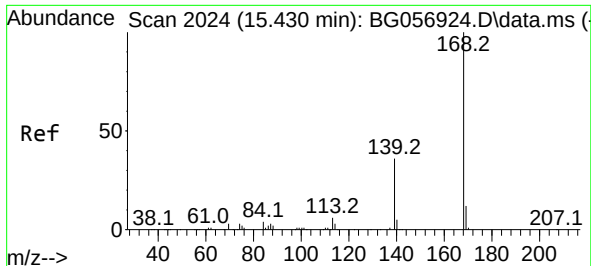
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023



#54
2,4-Dinitrophenol
Concen: 95.090 ng
RT: 15.123 min Scan# 1972
Delta R.T. -0.007 min
Lab File: BG056931.D
Acq: 30 Mar 2023 20:12

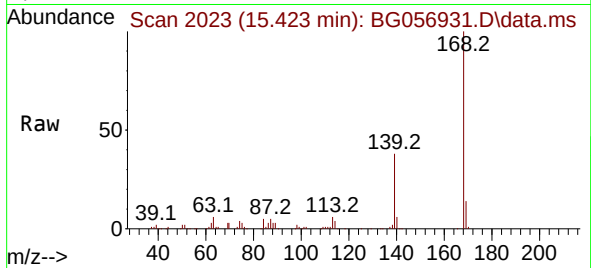
Tgt Ion:184 Resp: 48151
Ion Ratio Lower Upper
184 100
63 69.7 46.5 69.7
154 68.6 53.5 80.3





#55
Dibenzo(furan)
Concen: 41.082 ng
RT: 15.423 min Scan# 20
Delta R.T. -0.007 min
Lab File: BG056931.D
Acq: 30 Mar 2023 20:12

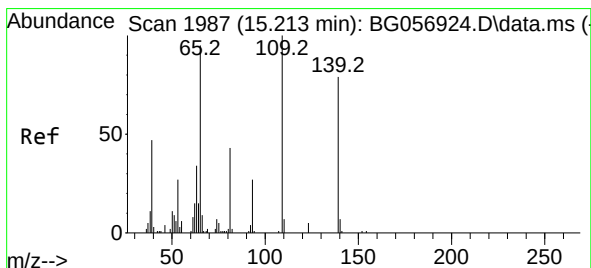
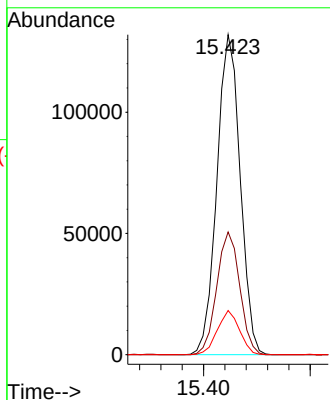
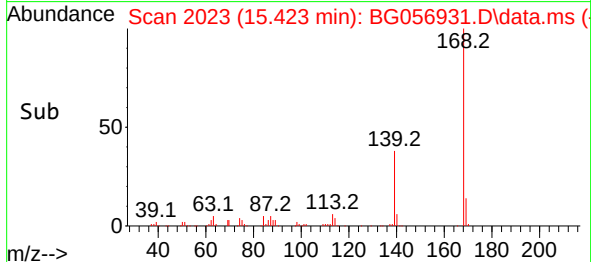
Instrument :
BNA_G
ClientSampleId :
PB151743BS



Tgt Ion:168 Resp: 19989
Ion Ratio Lower Upper
168 100
139 38.4 28.9 43.3
169 13.8 9.8 14.6

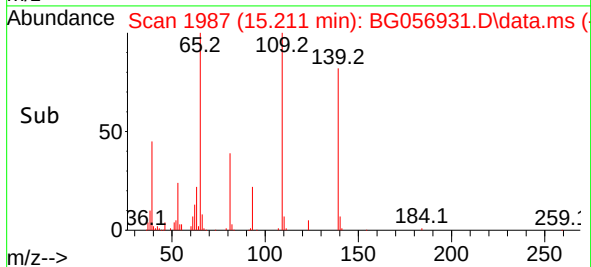
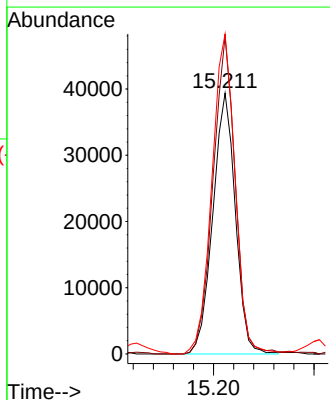
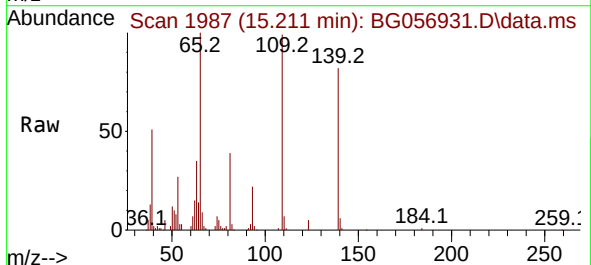
Manual Integrations
APPROVED

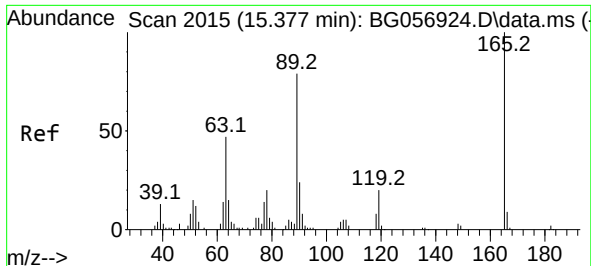
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023



#56
4-Nitrophenol
Concen: 92.994 ng
RT: 15.211 min Scan# 1987
Delta R.T. -0.001 min
Lab File: BG056931.D
Acq: 30 Mar 2023 20:12

Tgt Ion:139 Resp: 61234
Ion Ratio Lower Upper
139 100
109 121.8 106.7 146.7
65 122.7 100.5 140.5





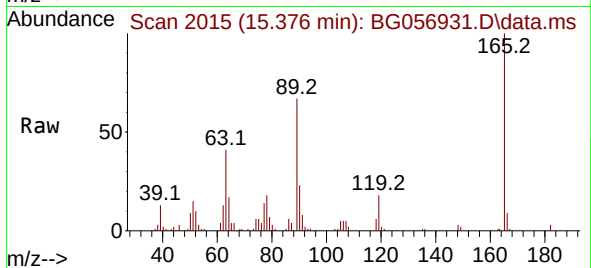
#57
2,4-Dinitrotoluene
Concen: 42.124 ng
RT: 15.376 min Scan# 2015
Delta R.T. -0.001 min
Lab File: BG056931.D
Acq: 30 Mar 2023 20:12

Instrument :

BNA_G

ClientSampleId :

PB151743BS

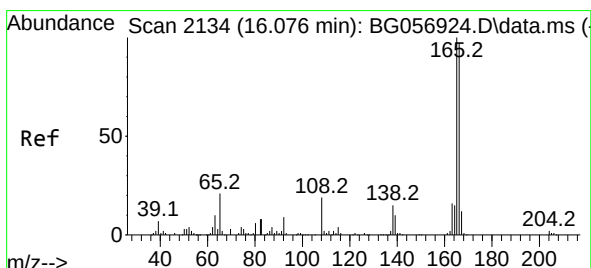
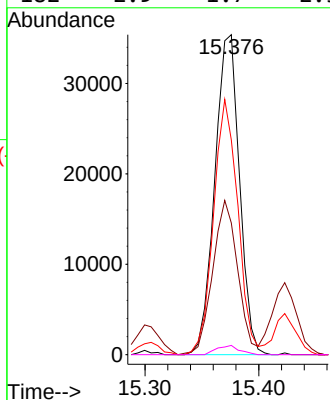
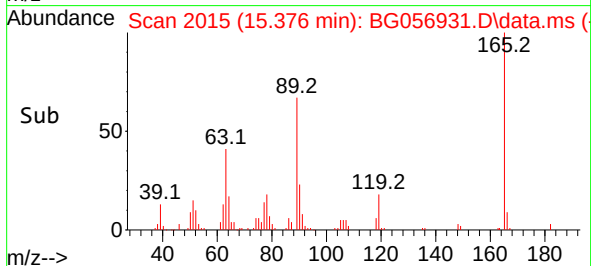


Tgt Ion:165 Resp: 53449
Ion Ratio Lower Upper
165 100
63 41.2 37.7 56.5
89 67.1 63.2 94.8
182 2.9 1.7 2.5#

Manual Integrations

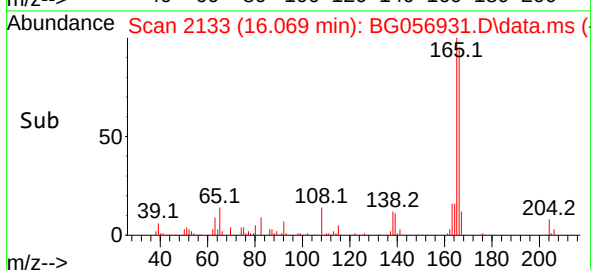
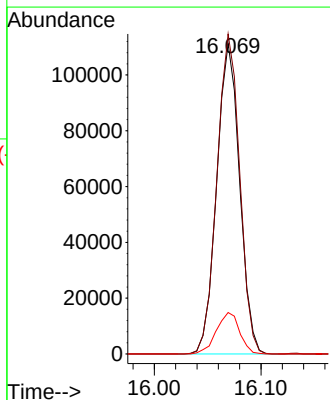
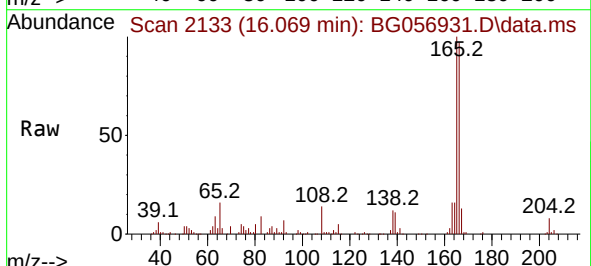
APPROVED

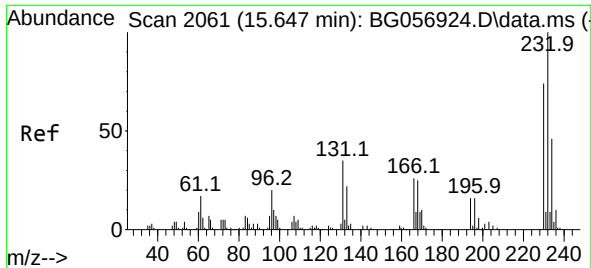
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023



#58
Fluorene
Concen: 41.133 ng
RT: 16.069 min Scan# 2133
Delta R.T. -0.007 min
Lab File: BG056931.D
Acq: 30 Mar 2023 20:12

Tgt Ion:166 Resp: 165622
Ion Ratio Lower Upper
166 100
165 103.1 82.6 123.8
167 13.4 10.2 15.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.193 ng
RT: 15.640 min Scan# 2061
Delta R.T. -0.007 min
Lab File: BG056931.D
Acq: 30 Mar 2023 20:12

Instrument :

BNA_G

ClientSampleId :

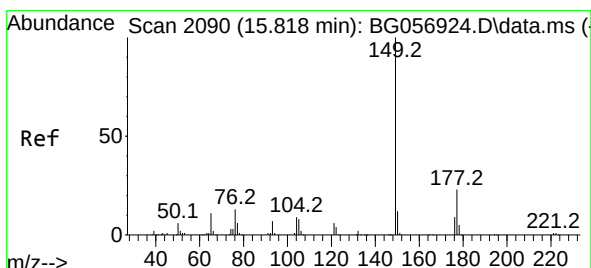
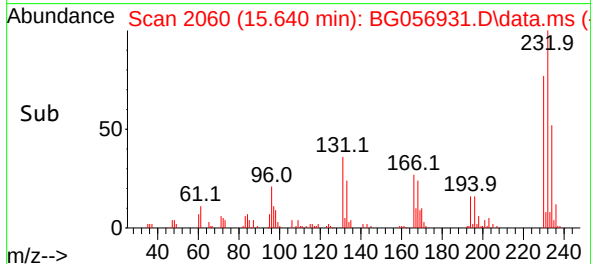
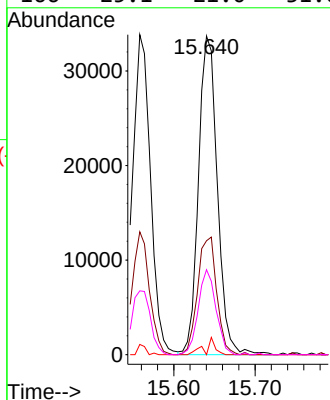
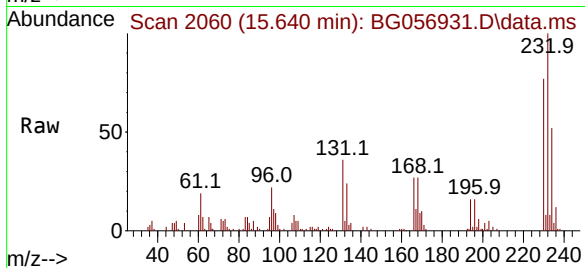
PB151743BS

Tgt Ion:232 Resp: 5448
Ion Ratio Lower Upper
232 100
131 37.3 29.3 43.9
130 2.8 1.7 2.5
166 25.1 21.0 31.6

Manual Integrations

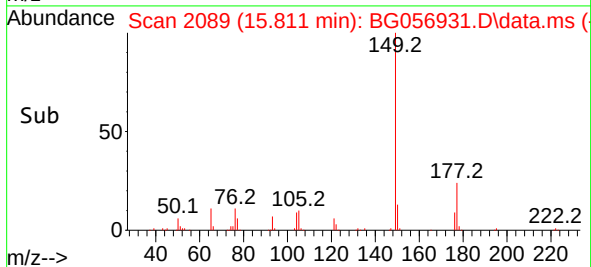
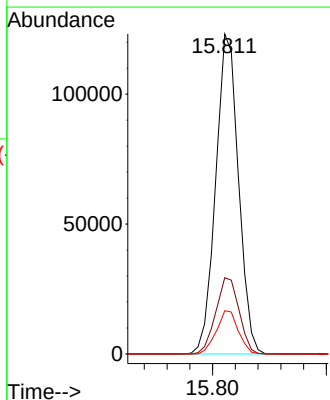
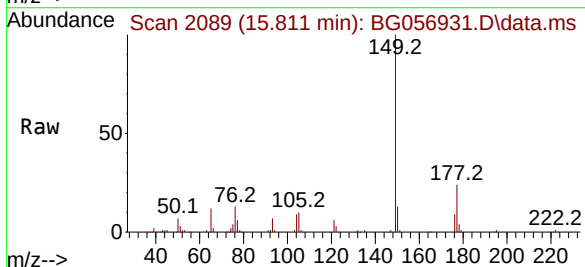
APPROVED

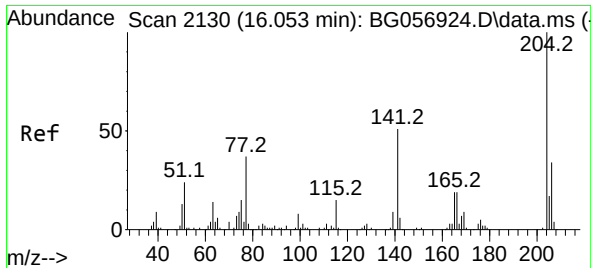
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023



#60
Diethylphthalate
Concen: 41.026 ng
RT: 15.811 min Scan# 2089
Delta R.T. -0.007 min
Lab File: BG056931.D
Acq: 30 Mar 2023 20:12

Tgt Ion:149 Resp: 171251
Ion Ratio Lower Upper
149 100
177 23.8 18.8 28.2
150 13.5 9.4 14.2





#61
4-Chlorophenyl-phenylether
Concen: 41.211 ng
RT: 16.051 min Scan# 2130
Delta R.T. -0.001 min
Lab File: BG056931.D
Acq: 30 Mar 2023 20:12

Instrument :

BNA_G

ClientSampleId :

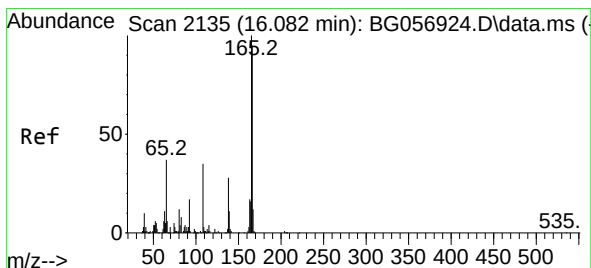
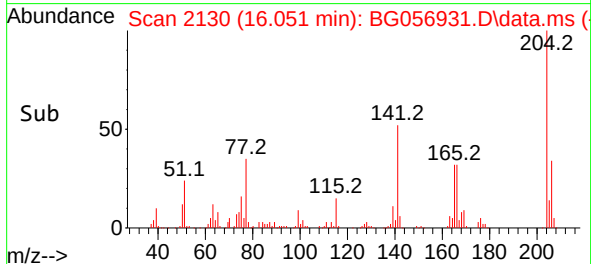
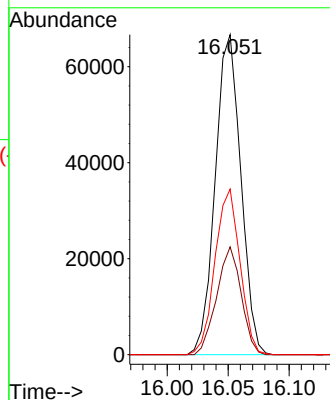
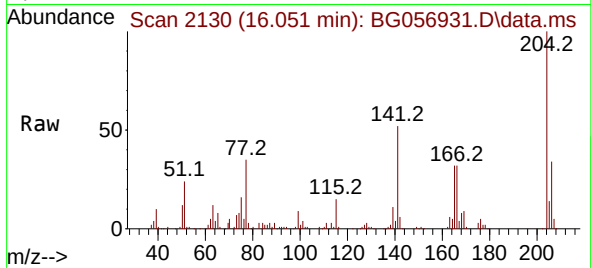
PB151743BS

Tgt Ion:204 Resp: 97425
Ion Ratio Lower Upper
204 100
206 33.7 27.2 40.8
141 51.7 40.7 61.1

Manual Integrations

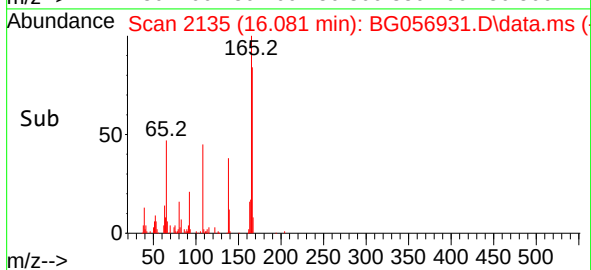
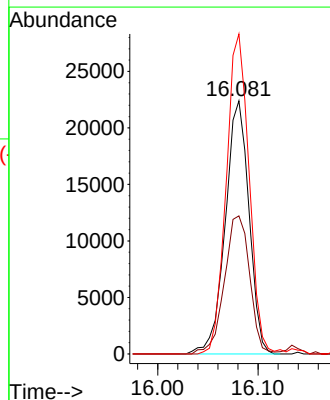
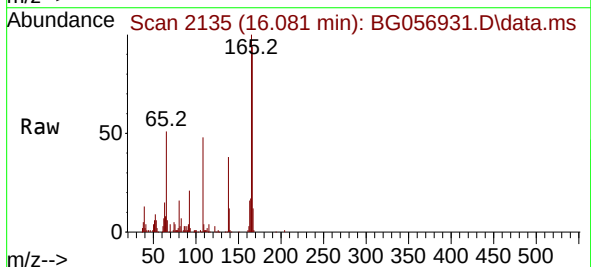
APPROVED

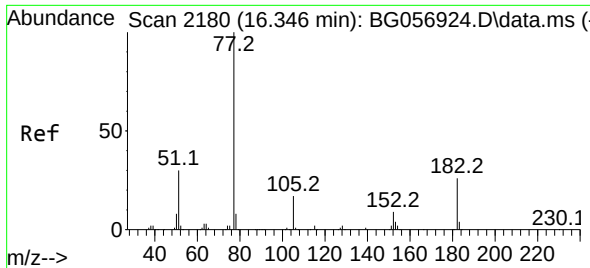
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023



#62
4-Nitroaniline
Concen: 39.719 ng
RT: 16.081 min Scan# 2135
Delta R.T. -0.001 min
Lab File: BG056931.D
Acq: 30 Mar 2023 20:12

Tgt Ion:138 Resp: 36645
Ion Ratio Lower Upper
138 100
92 54.5 40.9 80.9
108 126.4 104.3 144.3





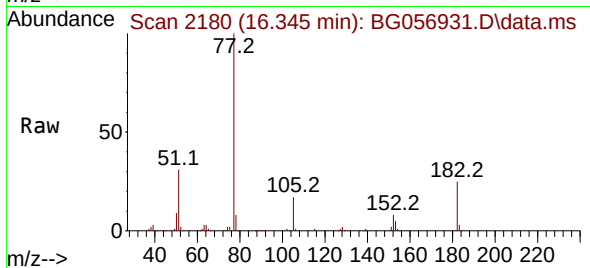
#63
Azobenzene
Concen: 41.255 ng
RT: 16.345 min Scan# 2180
Delta R.T. -0.001 min
Lab File: BG056931.D
Acq: 30 Mar 2023 20:12

Instrument :

BNA_G

ClientSampleId :

PB151743BS

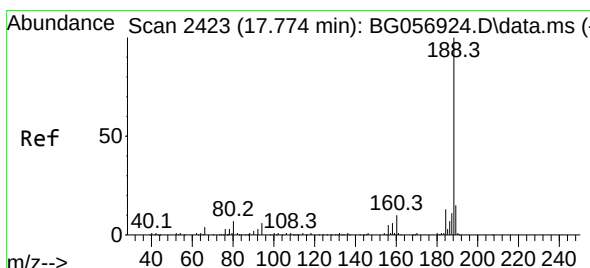
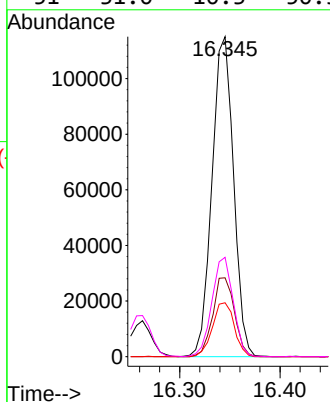
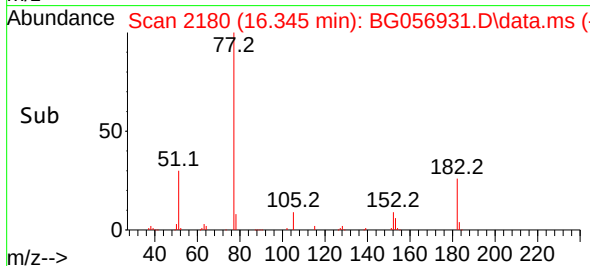


Tgt Ion: 77 Resp: 17161
Ion Ratio Lower Upper
77 100
182 24.7 5.9 45.9
105 16.9 0.0 36.8
51 31.0 10.3 50.3

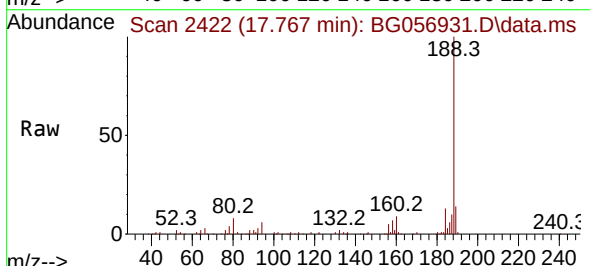
Manual Integrations

APPROVED

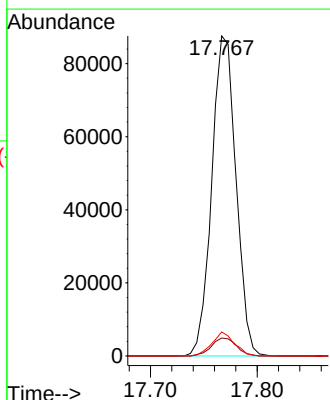
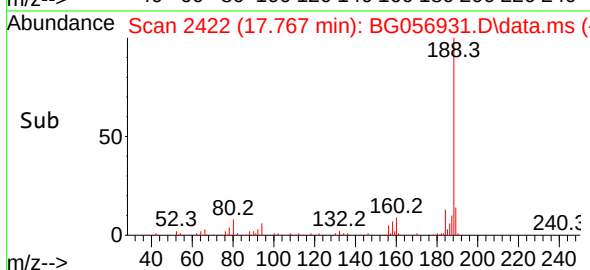
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023

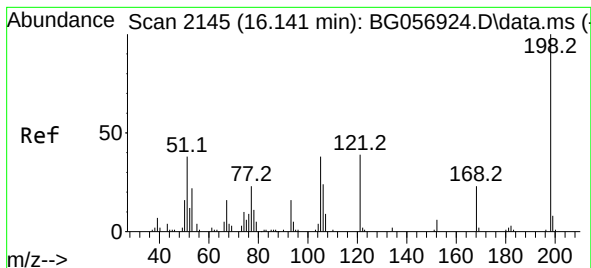


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.767 min Scan# 2422
Delta R.T. -0.007 min
Lab File: BG056931.D
Acq: 30 Mar 2023 20:12



Tgt Ion:188 Resp: 138050
Ion Ratio Lower Upper
188 100
94 5.6 4.6 6.8
80 7.5 5.5 8.3





#65
4,6-Dinitro-2-methylphenol
Concen: 42.193 ng
RT: 16.134 min Scan# 2144
Delta R.T. -0.007 min
Lab File: BG056931.D
Acq: 30 Mar 2023 20:12

Instrument :

BNA_G

ClientSampleId :

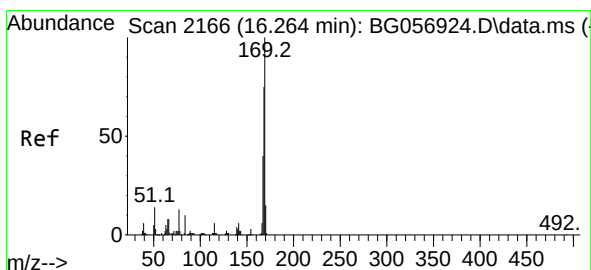
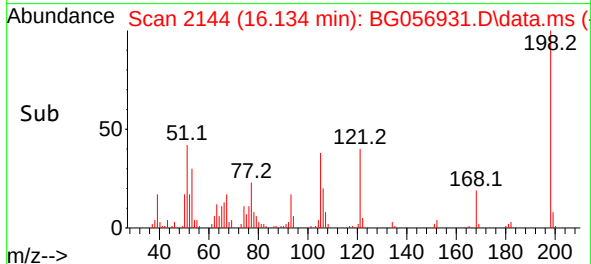
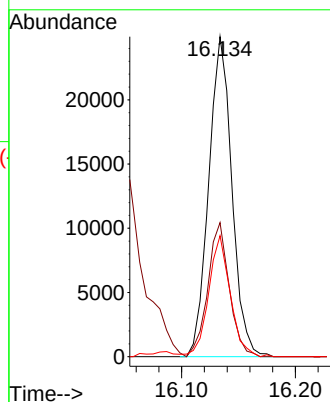
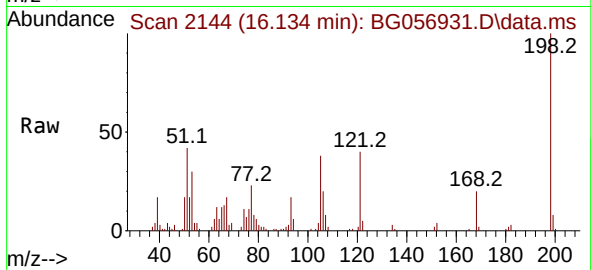
PB151743BS

Tgt Ion:198 Resp: 3527
Ion Ratio Lower Upper
198 100
51 41.9 20.5 60.5
105 37.8 18.1 58.1

Manual Integrations

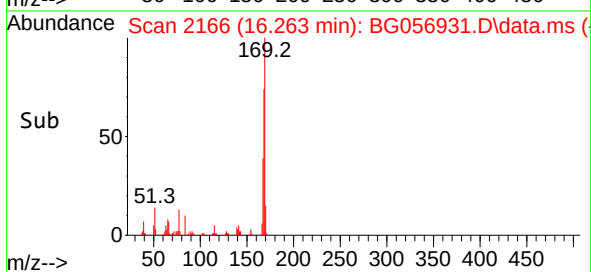
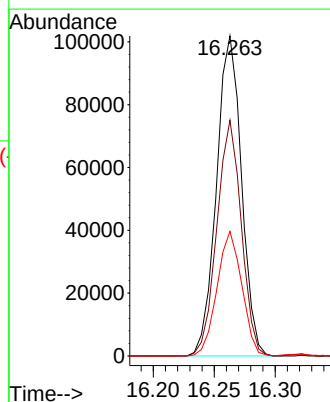
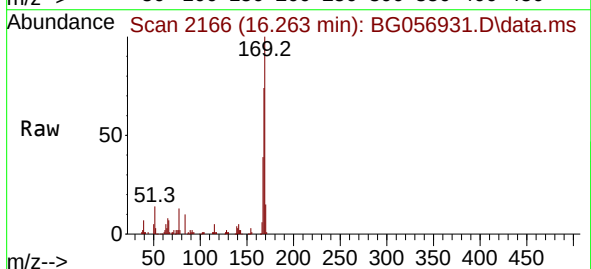
APPROVED

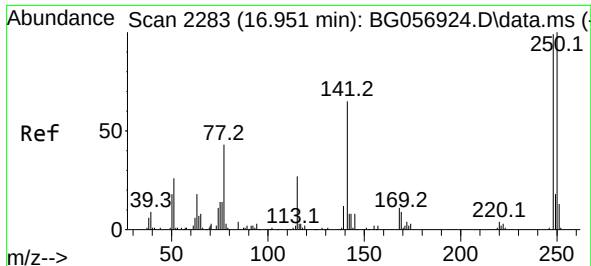
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023



#66
n-Nitrosodiphenylamine
Concen: 39.257 ng
RT: 16.263 min Scan# 2166
Delta R.T. -0.001 min
Lab File: BG056931.D
Acq: 30 Mar 2023 20:12

Tgt Ion:169 Resp: 145479
Ion Ratio Lower Upper
169 100
168 73.6 59.6 89.4
167 38.9 31.8 47.8





#67
4-Bromophenyl-phenylether
Concen: 38.257 ng
RT: 16.944 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG056931.D
Acq: 30 Mar 2023 20:12

Instrument :

BNA_G

ClientSampleId :

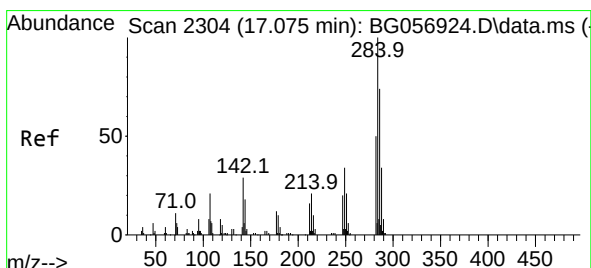
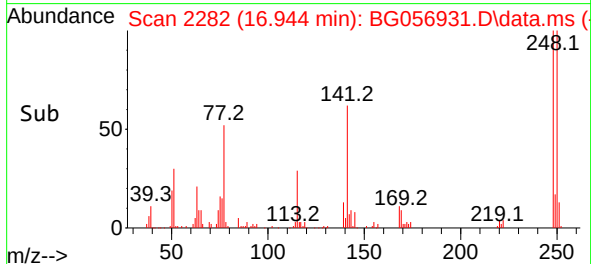
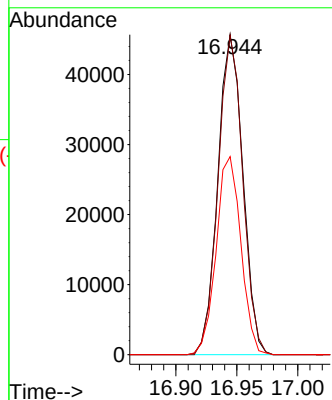
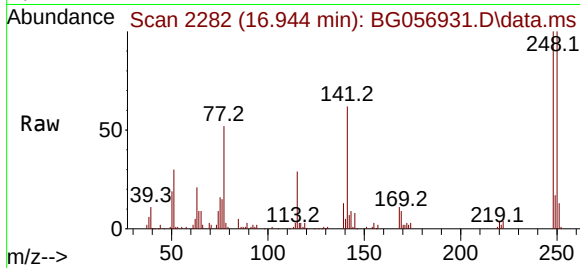
PB151743BS

Tgt Ion:248 Resp: 65348
Ion Ratio Lower Upper
248 100
250 99.8 80.5 120.7
141 61.9 52.0 78.0

Manual Integrations

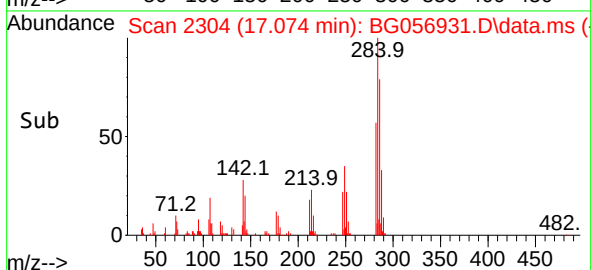
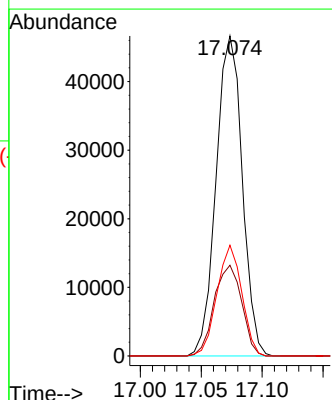
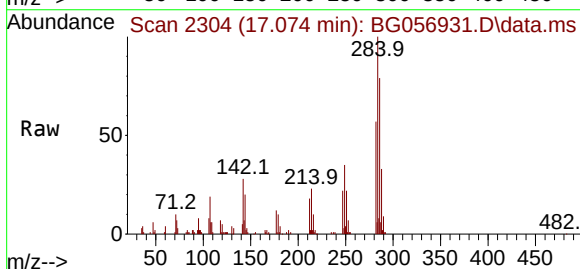
APPROVED

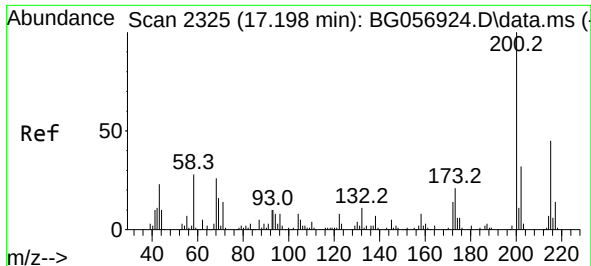
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023



#68
Hexachlorobenzene
Concen: 41.257 ng
RT: 17.074 min Scan# 2304
Delta R.T. -0.001 min
Lab File: BG056931.D
Acq: 30 Mar 2023 20:12

Tgt Ion:284 Resp: 69672
Ion Ratio Lower Upper
284 100
142 28.4 23.0 34.4
249 34.6 27.1 40.7





#69
 Atrazine
 Concen: 43.038 ng
 RT: 17.197 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG056931.D
 Acq: 30 Mar 2023 20:12

Instrument :

BNA_G

ClientSampleId :

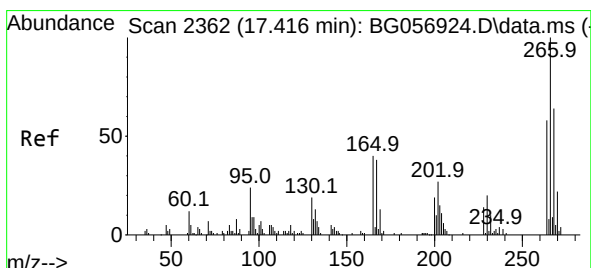
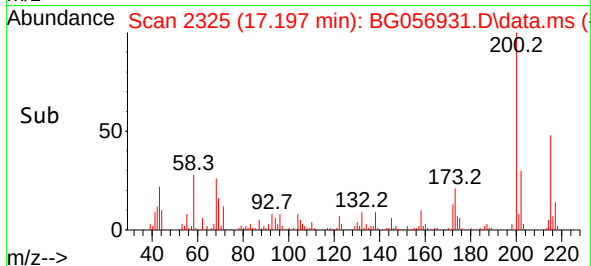
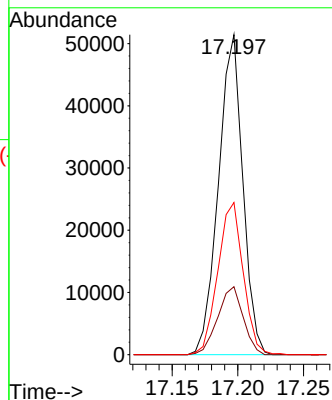
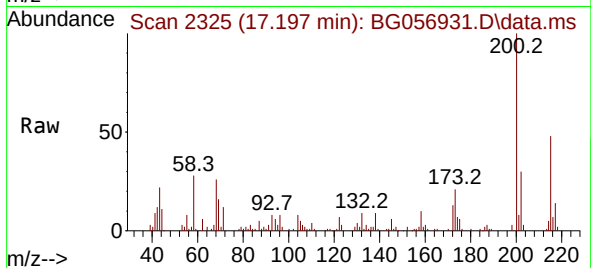
PB151743BS

Tgt Ion:200 Resp: 66200
 Ion Ratio Lower Upper
 200 100
 173 21.2 1.0 41.0
 215 47.5 25.0 65.0

Manual Integrations

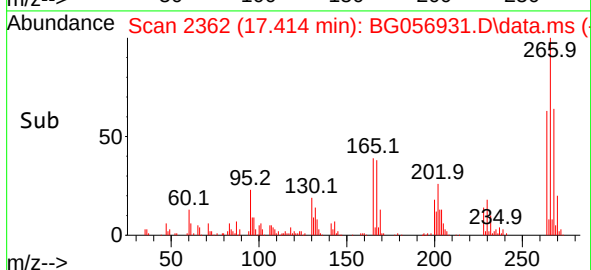
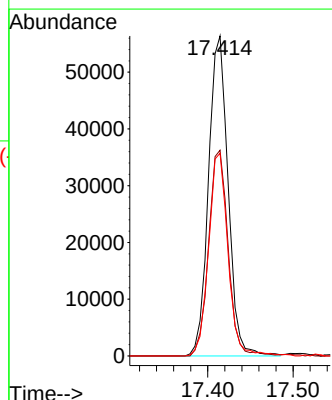
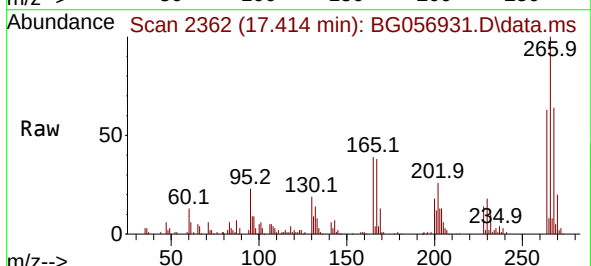
APPROVED

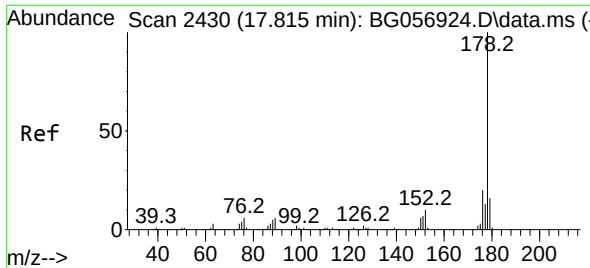
Reviewed By :Christian Giraldo 03/31/2023
 Supervised By :Jagrut Upadhyay 03/31/2023



#70
 Pentachlorophenol
 Concen: 74.309 ng
 RT: 17.414 min Scan# 2362
 Delta R.T. -0.001 min
 Lab File: BG056931.D
 Acq: 30 Mar 2023 20:12

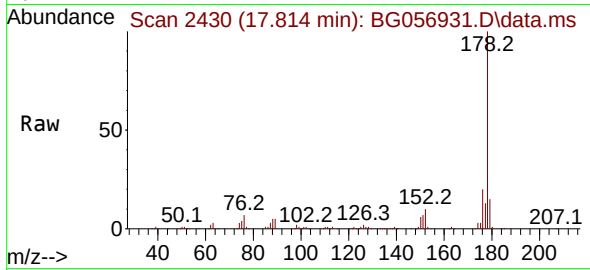
Tgt Ion:266 Resp: 90028
 Ion Ratio Lower Upper
 266 100
 268 64.3 51.0 76.6
 264 63.3 46.8 70.2





#71
Phenanthrene
Concen: 40.412 ng
RT: 17.814 min Scan# 2430
Delta R.T. -0.001 min
Lab File: BG056931.D
Acq: 30 Mar 2023 20:12

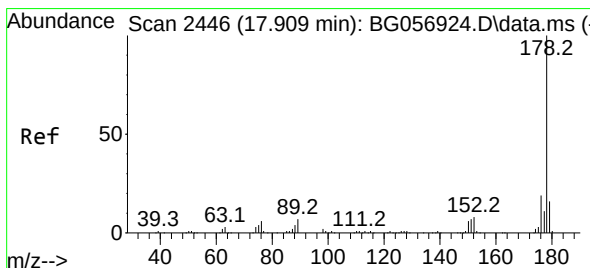
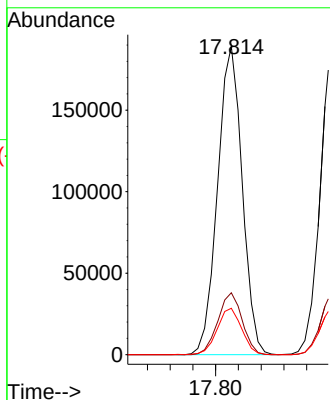
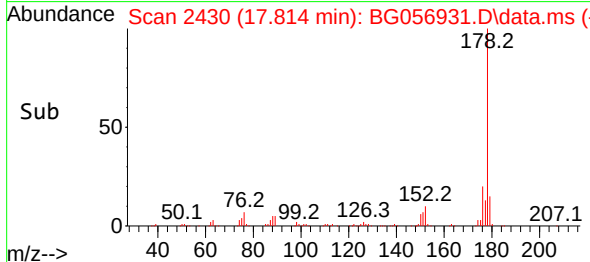
Instrument :
BNA_G
ClientSampleId :
PB151743BS



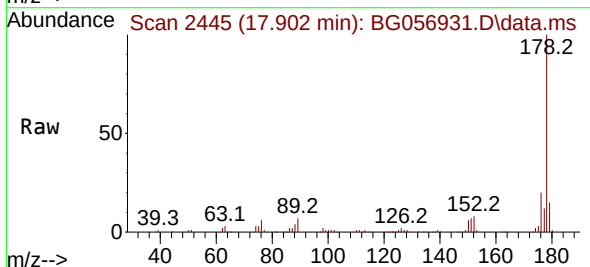
Tgt Ion:178 Resp: 28443
Ion Ratio Lower Upper
178 100
176 20.1 16.2 24.2
179 15.0 12.5 18.7

Manual Integrations
APPROVED

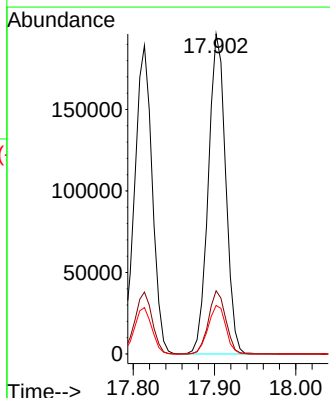
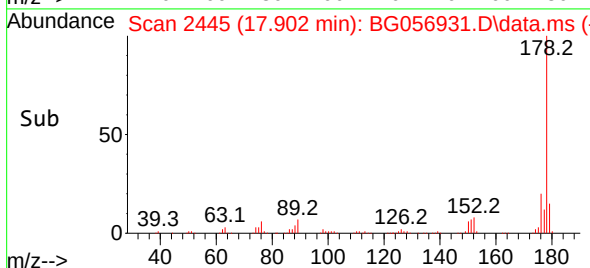
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023

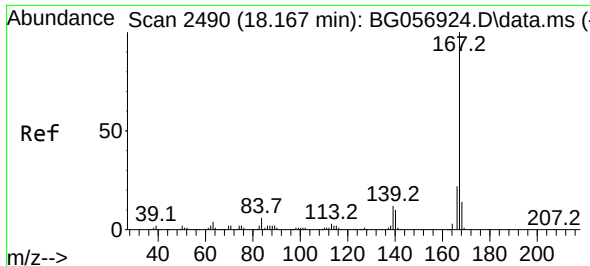


#72
Anthracene
Concen: 40.287 ng
RT: 17.902 min Scan# 2445
Delta R.T. -0.007 min
Lab File: BG056931.D
Acq: 30 Mar 2023 20:12



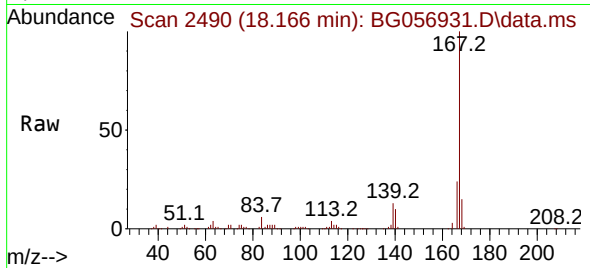
Tgt Ion:178 Resp: 290687
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.2
179 15.2 12.4 18.6





#73
 Carbazole
 Concen: 40.818 ng
 RT: 18.166 min Scan# 2490
 Delta R.T. -0.001 min
 Lab File: BG056931.D
 Acq: 30 Mar 2023 20:12

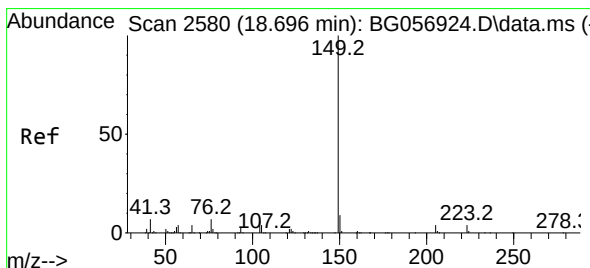
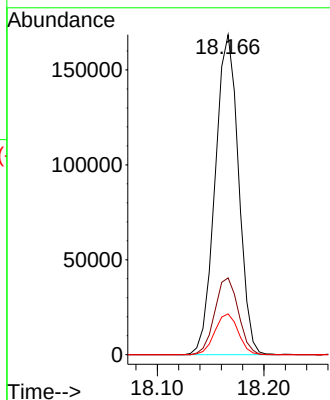
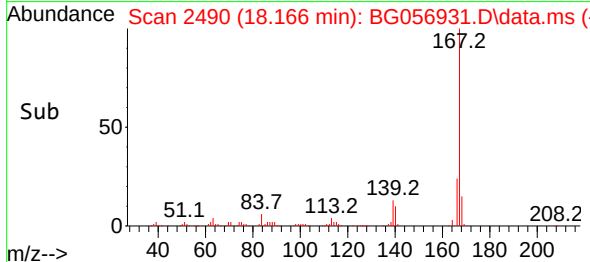
Instrument :
 BNA_G
 ClientSampleId :
 PB151743BS



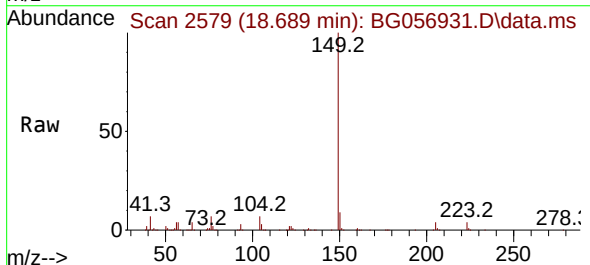
Tgt Ion:167 Resp: 25678
 Ion Ratio Lower Upper
 167 100
 166 24.0 17.9 26.9
 139 12.7 9.5 14.3

Manual Integrations
 APPROVED

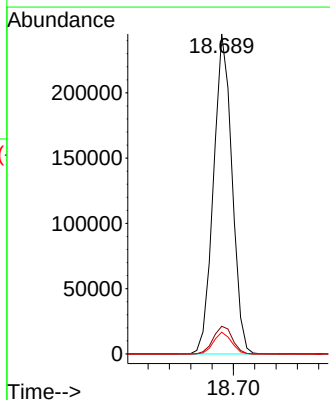
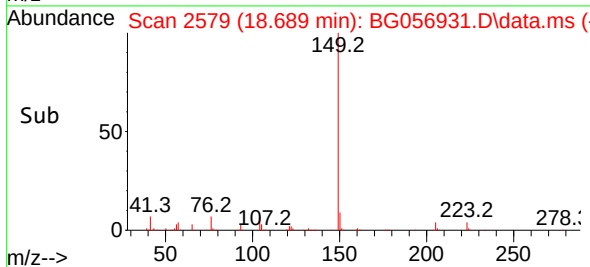
Reviewed By :Christian Giraldo 03/31/2023
 Supervised By :Jagrut Upadhyay 03/31/2023

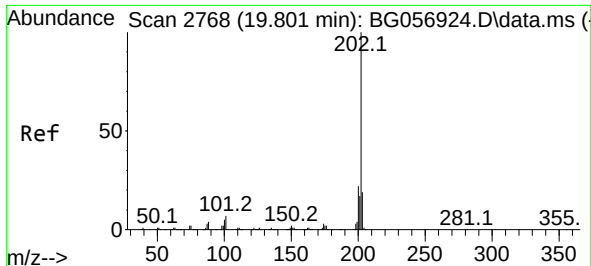


#74
 Di-n-butylphthalate
 Concen: 40.563 ng
 RT: 18.689 min Scan# 2579
 Delta R.T. -0.007 min
 Lab File: BG056931.D
 Acq: 30 Mar 2023 20:12



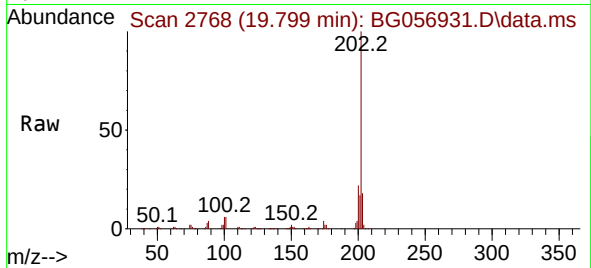
Tgt Ion:149 Resp: 295488
 Ion Ratio Lower Upper
 149 100
 150 8.6 7.4 11.0
 104 6.8 4.9 7.3





#75
Fluoranthene
Concen: 40.956 ng
RT: 19.799 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG056931.D
Acq: 30 Mar 2023 20:12

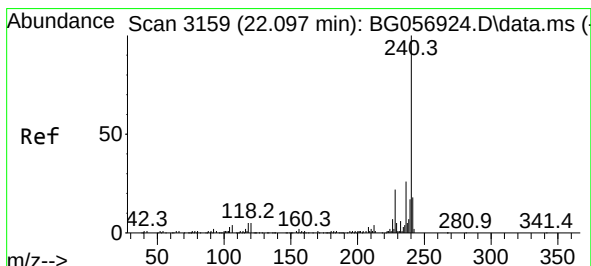
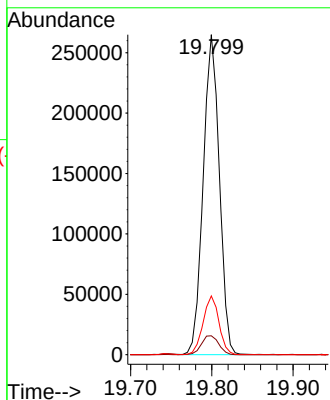
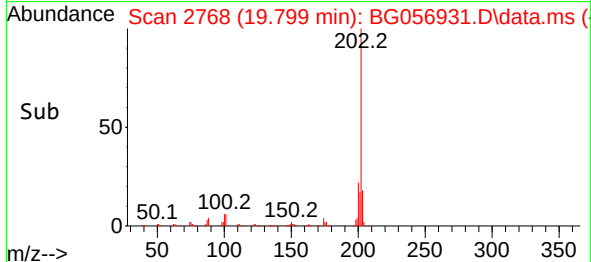
Instrument :
BNA_G
ClientSampleId :
PB151743BS



Tgt Ion:202 Resp: 365419
Ion Ratio Lower Upper
202 100
101 5.9 0.0 26.7
203 18.4 0.0 39.0

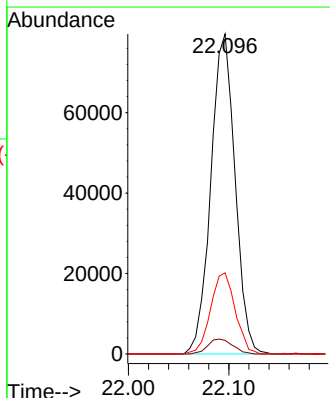
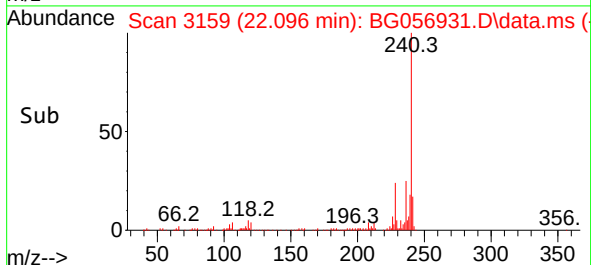
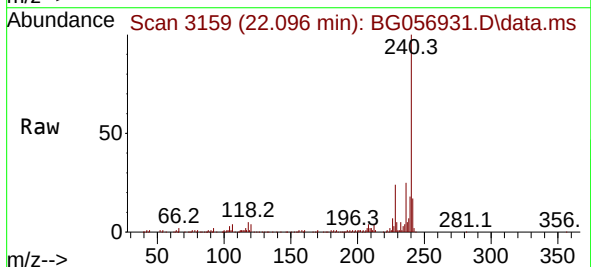
Manual Integrations
APPROVED

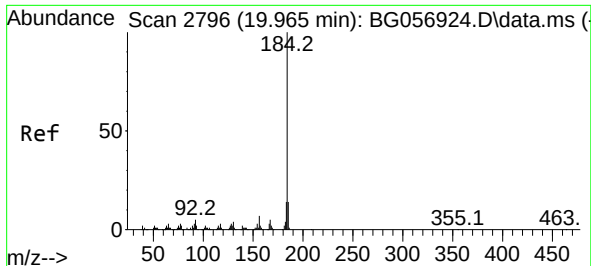
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.096 min Scan# 3159
Delta R.T. -0.001 min
Lab File: BG056931.D
Acq: 30 Mar 2023 20:12

Tgt Ion:240 Resp: 133182
Ion Ratio Lower Upper
240 100
120 4.3 3.8 5.6
236 25.3 21.0 31.6





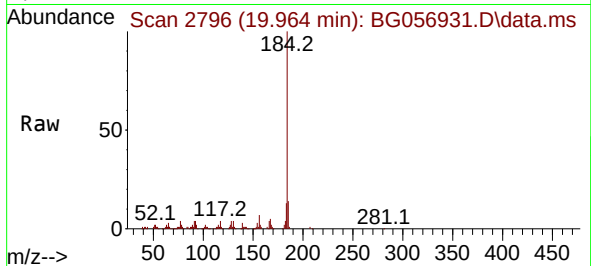
#77
Benzidine
Concen: 49.941 ng
RT: 19.964 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG056931.D
Acq: 30 Mar 2023 20:12

Instrument :

BNA_G

ClientSampleId :

PB151743BS

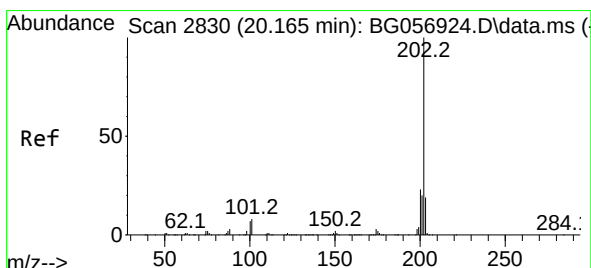
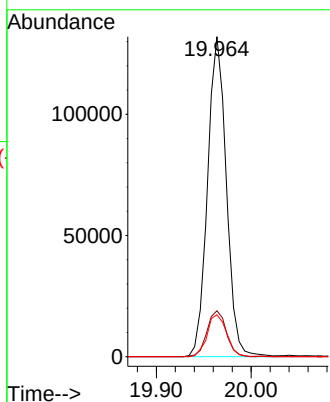
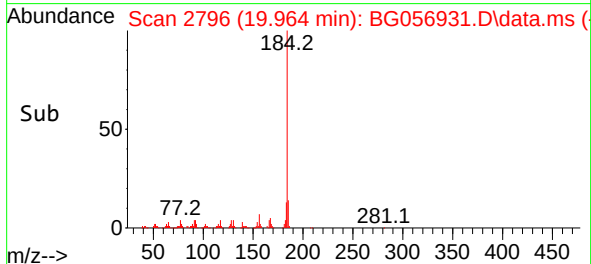


Tgt Ion:184 Resp: 181800
Ion Ratio Lower Upper
184 100
185 14.3 11.0 16.4
183 13.1 11.4 17.0

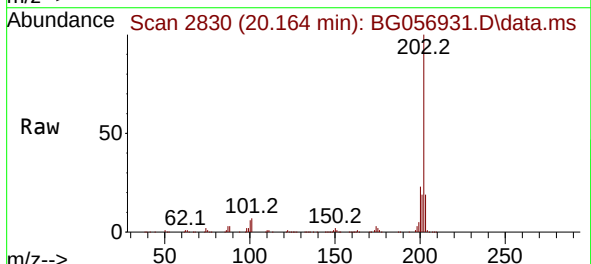
Manual Integrations

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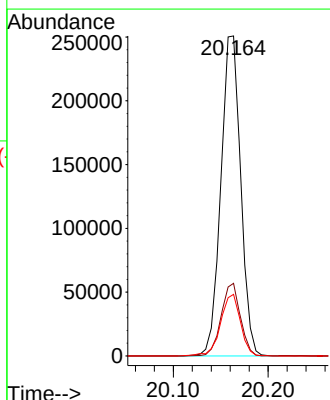
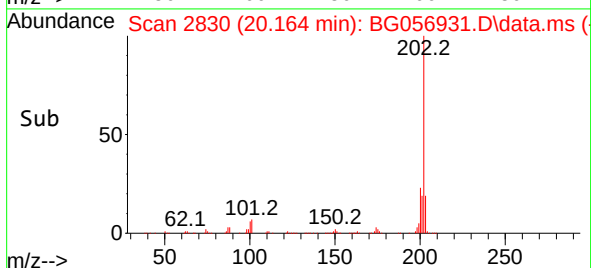
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023

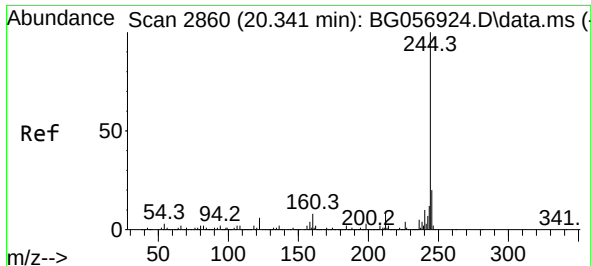


#78
Pyrene
Concen: 39.603 ng
RT: 20.164 min Scan# 2830
Delta R.T. -0.001 min
Lab File: BG056931.D
Acq: 30 Mar 2023 20:12



Tgt Ion:202 Resp: 364809
Ion Ratio Lower Upper
202 100
200 22.7 18.7 28.1
203 19.3 15.4 23.2





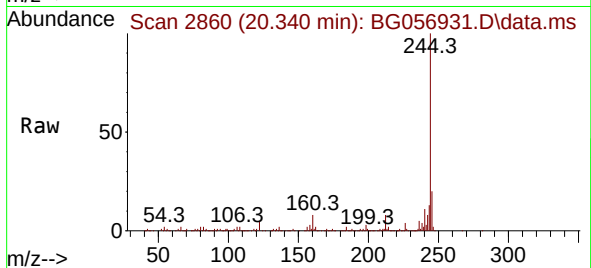
#79
 Terphenyl-d14
 Concen: 65.162 ng
 RT: 20.340 min Scan# 2860
 Delta R.T. -0.001 min
 Lab File: BG056931.D
 Acq: 30 Mar 2023 20:12

Instrument :

BNA_G

ClientSampleId :

PB151743BS

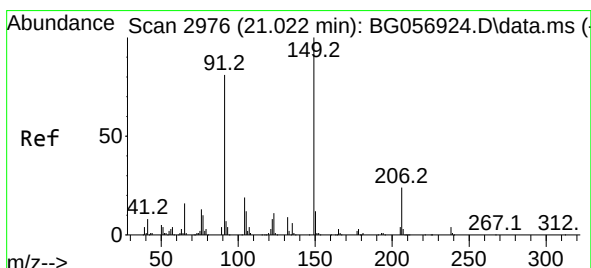
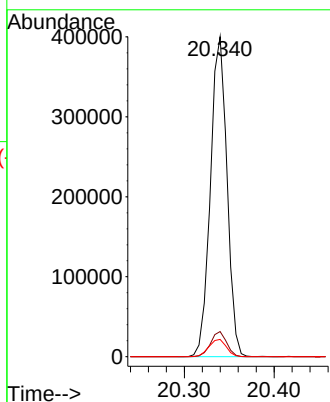
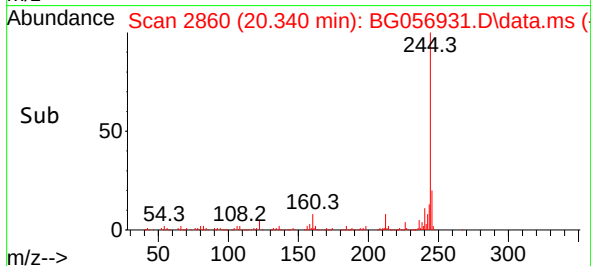


Tgt Ion:244 Resp: 512850
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.1 9.1
 122 5.4 5.0 7.4

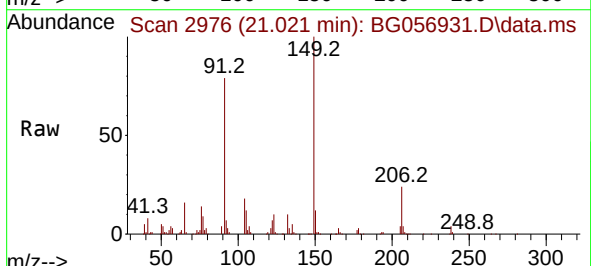
Manual Integrations

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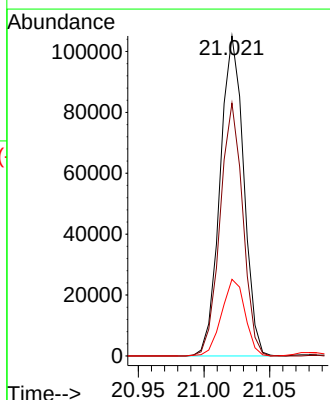
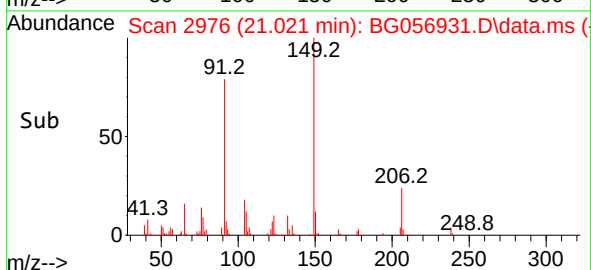
Reviewed By :Christian Giraldo 03/31/2023
 Supervised By :Jagrut Upadhyay 03/31/2023

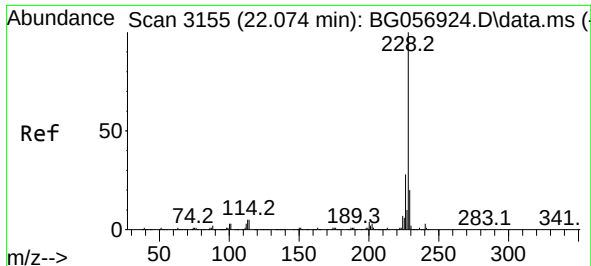


#80
 Butylbenzylphthalate
 Concen: 41.433 ng
 RT: 21.021 min Scan# 2976
 Delta R.T. -0.001 min
 Lab File: BG056931.D
 Acq: 30 Mar 2023 20:12



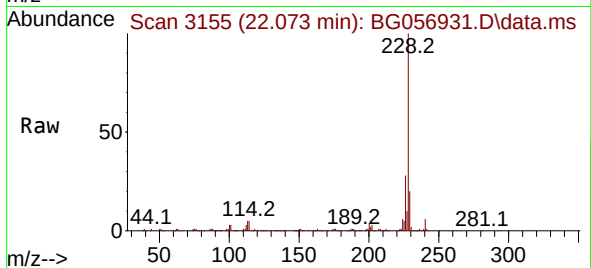
Tgt Ion:149 Resp: 131337
 Ion Ratio Lower Upper
 149 100
 91 79.0 64.4 96.6
 206 24.0 18.9 28.3





#81
Benzo(a)anthracene
Concen: 40.761 ng
RT: 22.073 min Scan# 3155
Delta R.T. -0.001 min
Lab File: BG056931.D
Acq: 30 Mar 2023 20:12

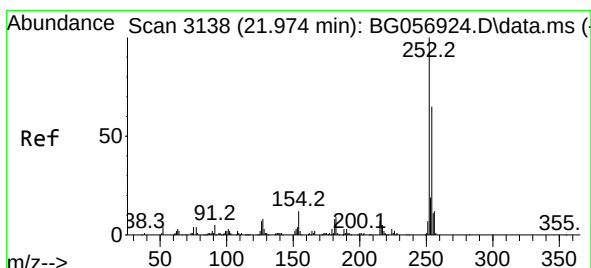
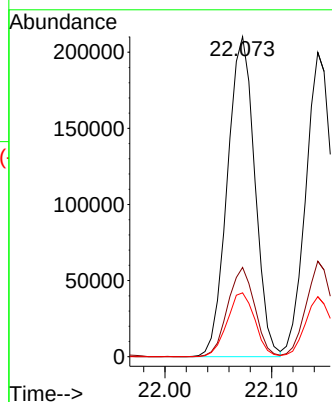
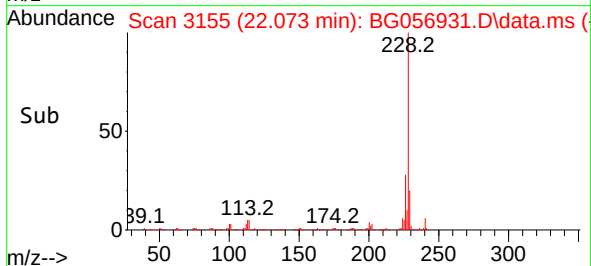
Instrument :
BNA_G
ClientSampleId :
PB151743BS



Tgt Ion:228 Resp: 375650
Ion Ratio Lower Upper
228 100
226 27.9 22.1 33.1
229 20.0 16.1 24.1

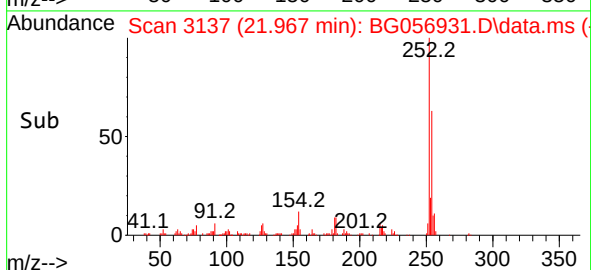
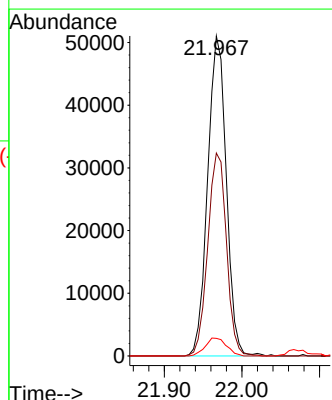
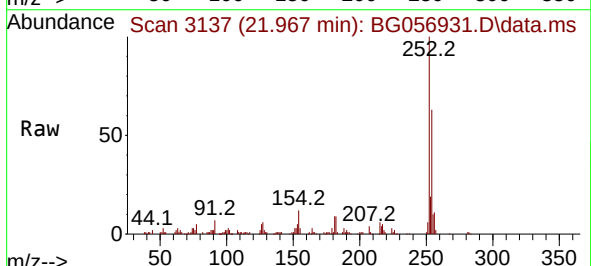
Manual Integrations
APPROVED

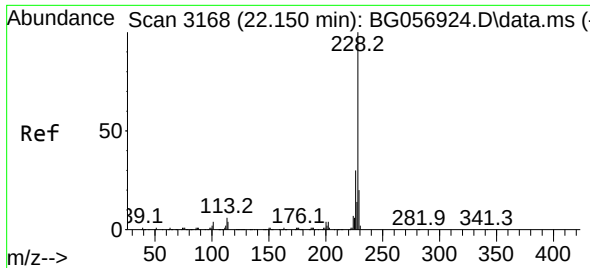
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023



#82
3,3'-Dichlorobenzidine
Concen: 27.350 ng
RT: 21.967 min Scan# 3137
Delta R.T. -0.007 min
Lab File: BG056931.D
Acq: 30 Mar 2023 20:12

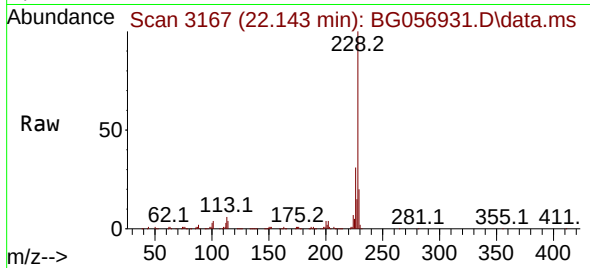
Tgt Ion:252 Resp: 85116
Ion Ratio Lower Upper
252 100
254 63.4 51.7 77.5
126 5.5 5.6 8.4#





#83
Chrysene
Concen: 40.106 ng
RT: 22.143 min Scan# 3167
Delta R.T. -0.007 min
Lab File: BG056931.D
Acq: 30 Mar 2023 20:12

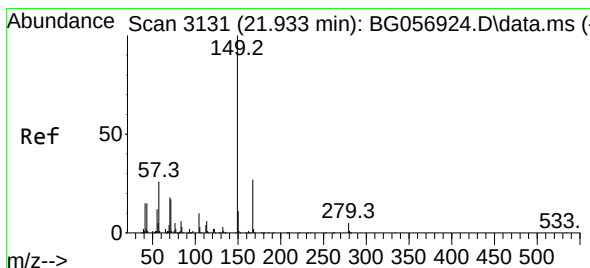
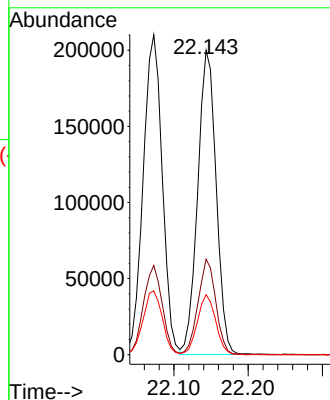
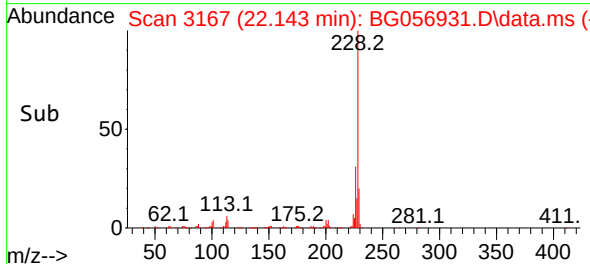
Instrument :
BNA_G
ClientSampleId :
PB151743BS



Tgt Ion:228 Resp: 346085
Ion Ratio Lower Upper
228 100
226 31.4 24.1 36.1
229 19.7 15.6 23.4

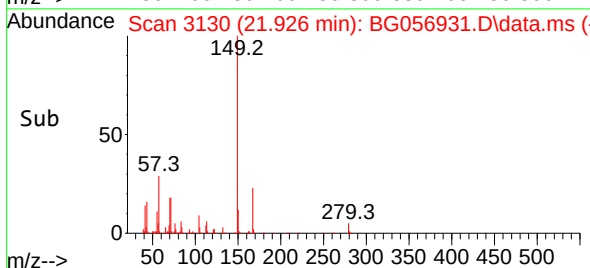
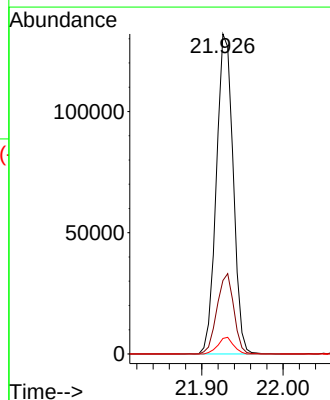
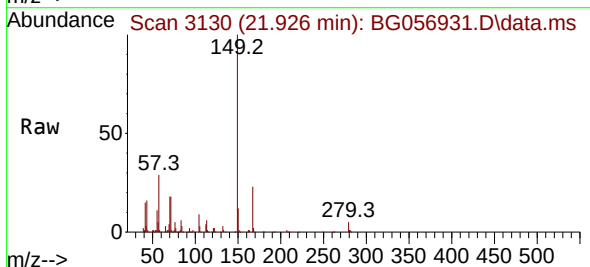
Manual Integrations
APPROVED

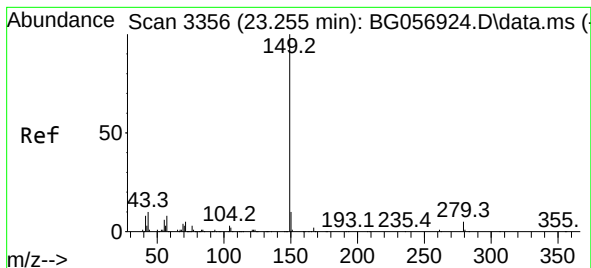
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 41.168 ng
RT: 21.926 min Scan# 3130
Delta R.T. -0.007 min
Lab File: BG056931.D
Acq: 30 Mar 2023 20:12

Tgt Ion:149 Resp: 188966
Ion Ratio Lower Upper
149 100
167 22.9 21.4 32.2
279 4.8 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 42.077 ng

RT: 23.248 min Scan# 31

Delta R.T. -0.007 min

Lab File: BG056931.D

Acq: 30 Mar 2023 20:12

Instrument :

BNA_G

ClientSampleId :

PB151743BS

Tgt Ion:149 Resp: 32546

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

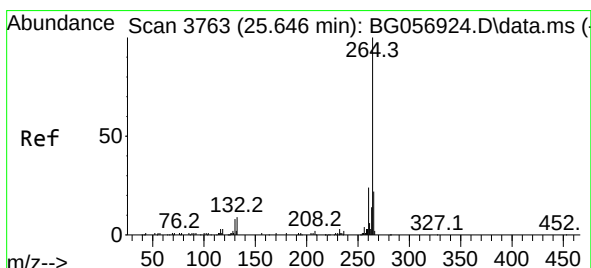
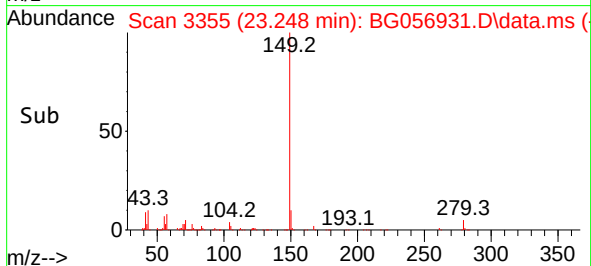
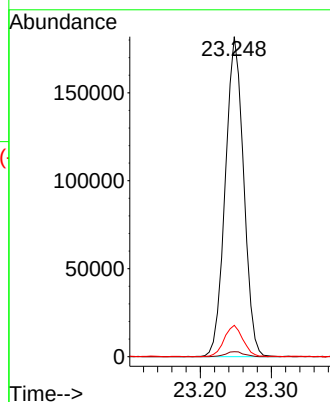
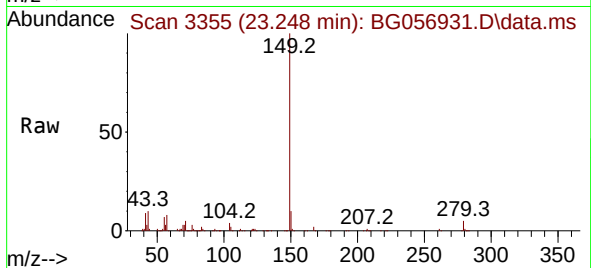
43 10.1 7.9 11.9

Manual Integrations

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Reviewed By :Christian Giraldo 03/31/2023

Supervised By :Jagrut Upadhyay 03/31/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.639 min Scan# 3762

Delta R.T. -0.007 min

Lab File: BG056931.D

Acq: 30 Mar 2023 20:12

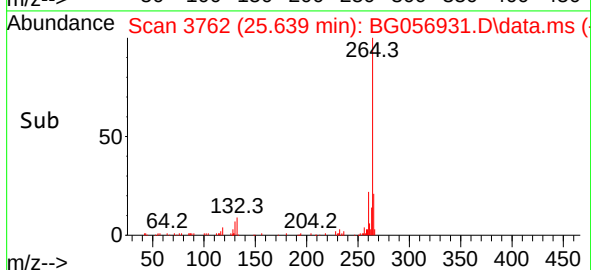
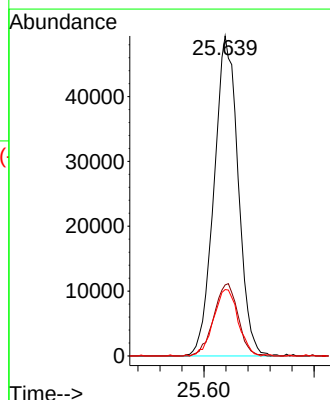
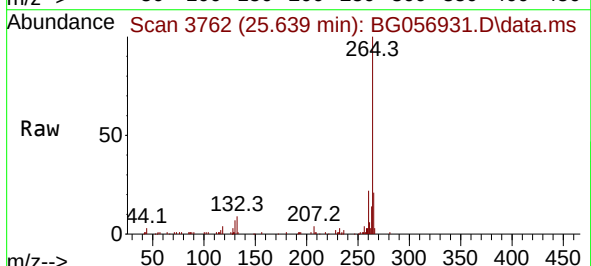
Tgt Ion:264 Resp: 149670

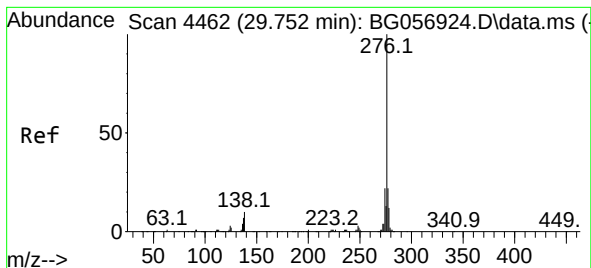
Ion Ratio Lower Upper

264 100

260 22.2 19.0 28.4

265 20.7 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.616 ng

RT: 29.739 min Scan# 4460

Delta R.T. -0.013 min

Lab File: BG056931.D

Acq: 30 Mar 2023 20:12

Instrument :

BNA_G

ClientSampleId :

PB151743BS

Tgt Ion:276 Resp: 460330

Ion Ratio Lower Upper

276 100

138 12.6 7.7 11.5

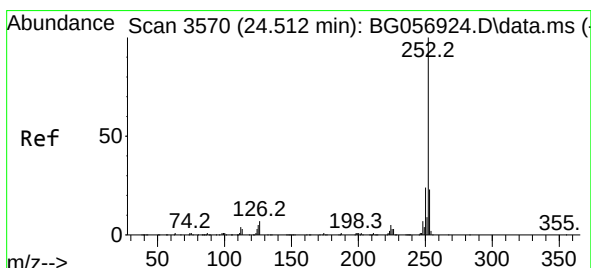
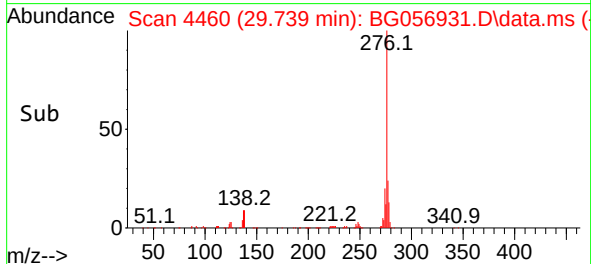
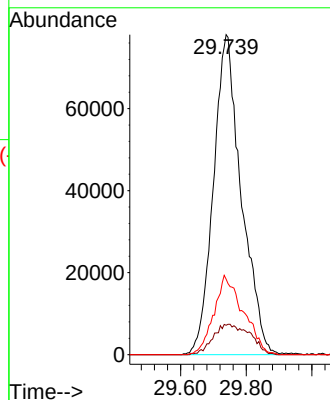
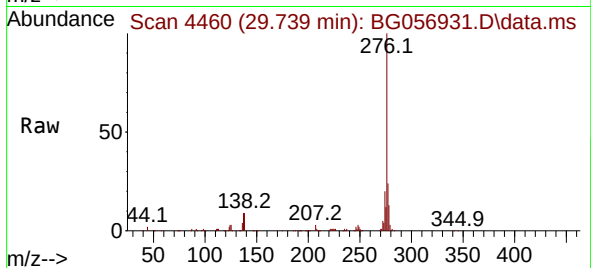
277 26.1 21.0 31.4

Manual Integrations

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Reviewed By :Christian Giraldo 03/31/2023

Supervised By :Jagrut Upadhyay 03/31/2023



#88

Benzo(b)fluoranthene

Concen: 42.534 ng

RT: 24.505 min Scan# 3569

Delta R.T. -0.007 min

Lab File: BG056931.D

Acq: 30 Mar 2023 20:12

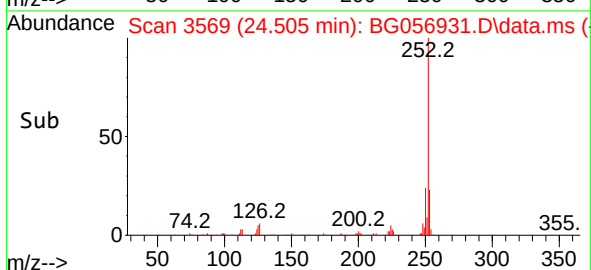
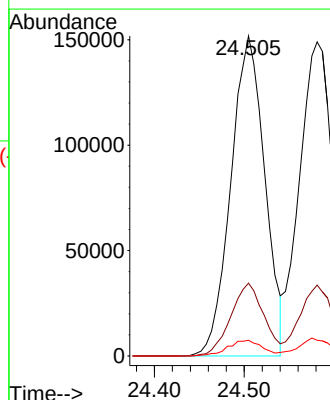
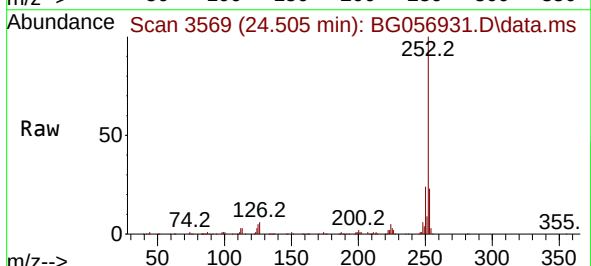
Tgt Ion:252 Resp: 398092

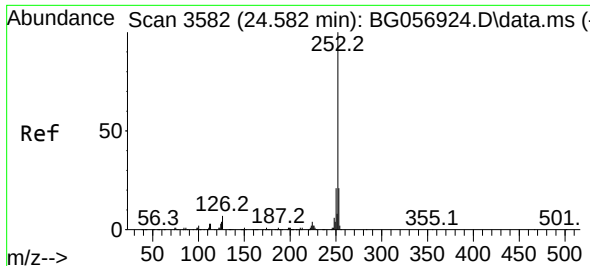
Ion Ratio Lower Upper

252 100

253 22.7 18.1 27.1

125 4.9 4.2 6.4





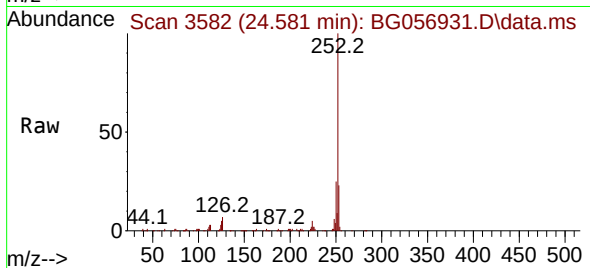
#89
Benzo(k)fluoranthene
Concen: 41.576 ng
RT: 24.581 min Scan# 31
Delta R.T. -0.001 min
Lab File: BG056931.D
Acq: 30 Mar 2023 20:12

Instrument :

BNA_G

ClientSampleId :

PB151743BS

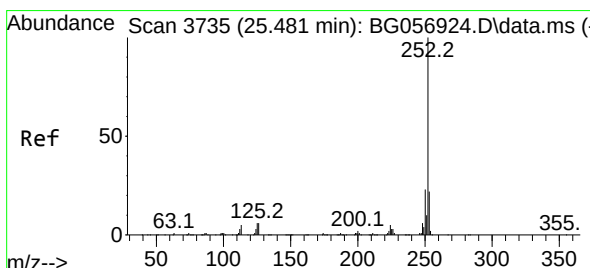
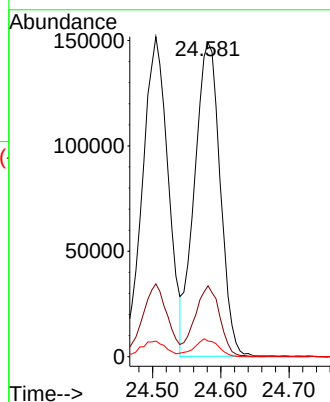
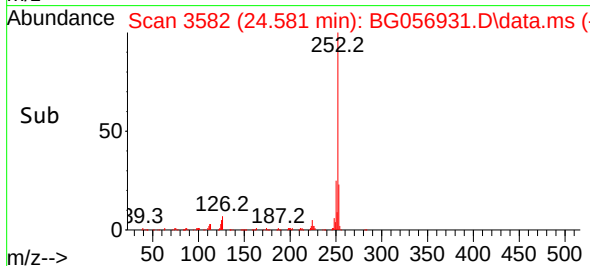


Tgt Ion:252 Resp: 38847
Ion Ratio Lower Upper
252 100
253 22.6 17.1 25.7
125 5.0 3.8 5.6

Manual Integrations

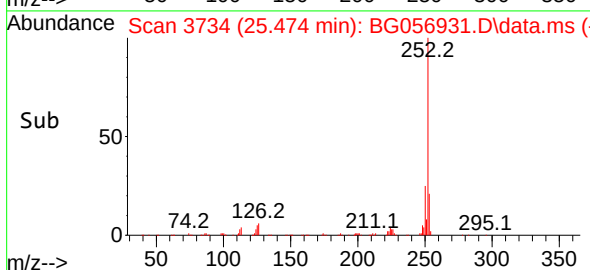
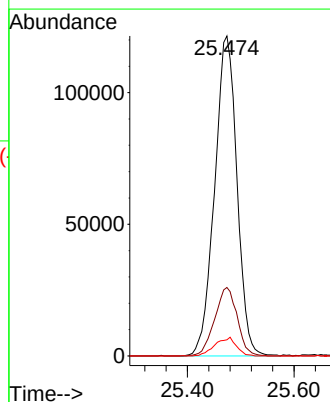
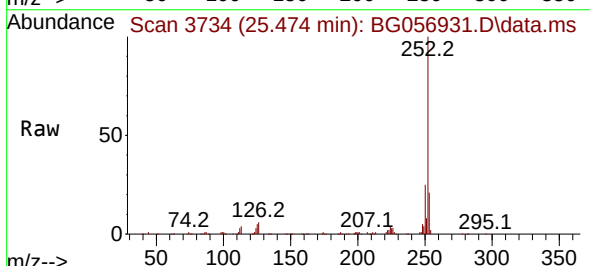
APPROVED

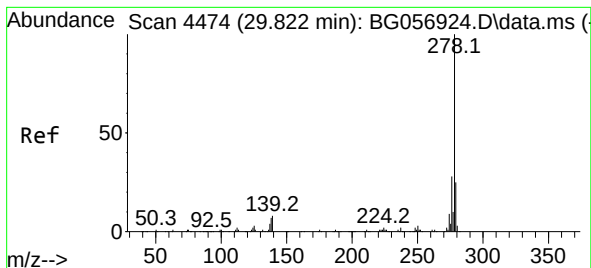
Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023



#90
Benzo(a)pyrene
Concen: 38.377 ng
RT: 25.474 min Scan# 3734
Delta R.T. -0.007 min
Lab File: BG056931.D
Acq: 30 Mar 2023 20:12

Tgt Ion:252 Resp: 352955
Ion Ratio Lower Upper
252 100
253 21.4 17.6 26.4
125 5.1 4.5 6.7





#91
Dibenzo(a,h)anthracene
Concen: 41.333 ng
RT: 29.809 min Scan# 4474
Delta R.T. -0.013 min
Lab File: BG056931.D
Acq: 30 Mar 2023 20:12

Instrument :

BNA_G

ClientSampleId :

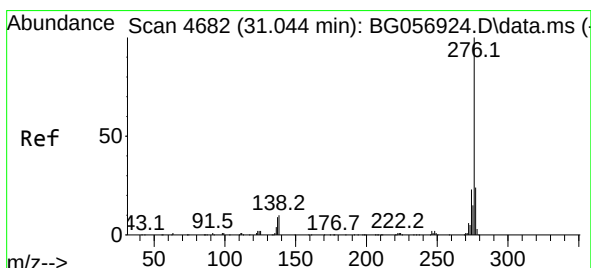
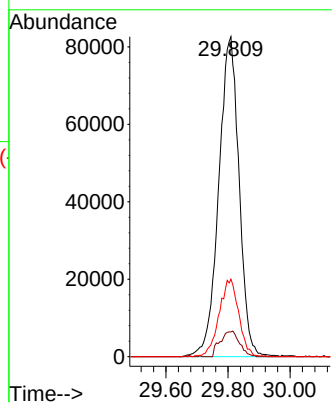
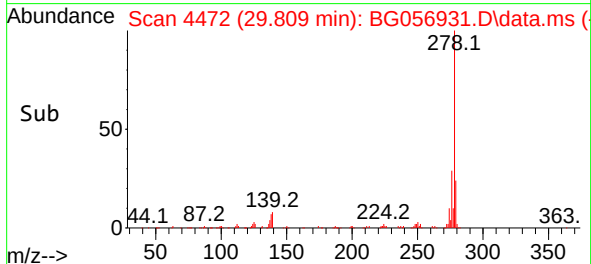
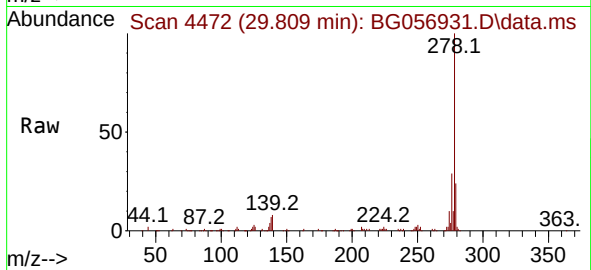
PB151743BS

Tgt Ion:278 Resp: 375810
Ion Ratio Lower Upper
278 100
139 7.8 6.4 9.6
279 24.2 20.2 30.2

Manual Integrations

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Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023



#92
Benzo(g,h,i)perylene
Concen: 41.167 ng
RT: 31.031 min Scan# 4680
Delta R.T. -0.013 min
Lab File: BG056931.D
Acq: 30 Mar 2023 20:12

Tgt Ion:276 Resp: 366507
Ion Ratio Lower Upper
276 100
277 24.3 19.1 28.7
138 10.8 8.2 12.2

