

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042523\
 Data File : BG057171.D
 Acq On : 25 Apr 2023 11:10
 Operator : CG/JU
 Sample : PB152259BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB152259BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/26/2023
 Supervised By : Jagrut Upadhyay 04/26/2023

Quant Time: Apr 25 23:56:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 25 04:59:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.381	152	18353	20.000	ng	0.00
21) Naphthalene-d8	11.225	136	77369	20.000	ng	0.00
39) Acenaphthene-d10	14.996	164	58941	20.000	ng	0.00
64) Phenanthrene-d10	17.733	188	144884	20.000	ng	0.00
76) Chrysene-d12	22.051	240	130763	20.000	ng	0.00
86) Perylene-d12	25.564	264	137343	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.896	112	167547	165.436	ng	0.00
7) Phenol-d6	7.524	99	243869	166.426	ng	0.00
23) Nitrobenzene-d5	9.562	82	157194	100.442	ng	0.00
42) 2,4,6-Tribromophenol	16.482	330	104436	134.292	ng	0.00
45) 2-Fluorobiphenyl	13.621	172	373569	85.178	ng	0.00
79) Terphenyl-d14	20.306	244	724633	96.928	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.699	88	17578	38.733	ng	91
3) Pyridine	4.122	79	51201	37.184	ng	89
4) n-Nitrosodimethylamine	4.028	42	30512	61.429	ng	96
6) Aniline	7.694	93	84324	44.065	ng	95
8) 2-Chlorophenol	7.941	128	57654	54.342	ng	97
9) Benzaldehyde	7.506	77	38375	43.723	ng	88
10) Phenol	7.547	94	82216	56.506	ng	96
11) bis(2-Chloroethyl)ether	7.782	93	55918	48.975	ng	92
12) 1,3-Dichlorobenzene	8.270	146	58800	46.785	ng	94
13) 1,4-Dichlorobenzene	8.417	146	60821	48.018	ng	97
14) 1,2-Dichlorobenzene	8.745	146	59133	48.353	ng	97
15) Benzyl Alcohol	8.616	79	62905	58.260	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.904	45	73173	48.600	ng	92
17) 2-Methylphenol	8.816	107	54589	51.271	ng	96
18) Hexachloroethane	9.486	117	21804	50.743	ng	91
19) n-Nitroso-di-n-propyla...	9.186	70	54124	59.384	ng	94
20) 3+4-Methylphenols	9.145	107	73779	50.634	ng	97
22) Acetophenone	9.210	105	97173	46.299	ng	# 92
24) Nitrobenzene	9.603	77	79791	50.780	ng	94
25) Isophorone	10.126	82	142372	47.428	ng	98
26) 2-Nitrophenol	10.320	139	29919	50.966	ng	# 87
27) 2,4-Dimethylphenol	10.361	122	57978	51.387	ng	96
28) bis(2-Chloroethoxy)met...	10.596	93	74817	47.545	ng	100
29) 2,4-Dichlorophenol	10.860	162	61774	49.149	ng	99
30) 1,2,4-Trichlorobenzene	11.078	180	66894	43.524	ng	92
31) Naphthalene	11.272	128	180879	44.016	ng	100
32) Benzoic acid	10.508	122	24850m	47.083	ng	
33) 4-Chloroaniline	11.371	127	56774	31.423	ng	96
34) Hexachlorobutadiene	11.548	225	46644	41.158	ng	96
35) Caprolactam	12.135	113	18853m	54.171	ng	
36) 4-Chloro-3-methylphenol	12.464	107	67220	49.715	ng	96
37) 2-Methylnaphthalene	12.846	142	134871	41.706	ng	96
38) 1-Methylnaphthalene	13.063	142	126234	42.281	ng	99
40) 1,2,4,5-Tetrachloroben...	13.210	216	91778	42.555	ng	# 99
41) Hexachlorocyclopentadiene	13.187	237	97457	104.141	ng	94
43) 2,4,6-Trichlorophenol	13.439	196	55657	47.668	ng	97

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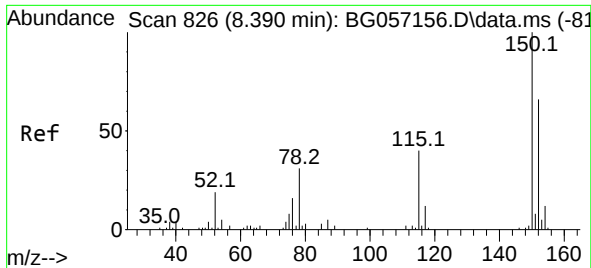
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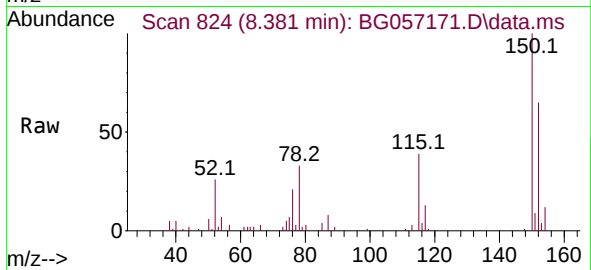
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.516	196	59932	42.517	ng	95
46) 1,1'-Biphenyl	13.833	154	193784	44.108	ng	99
47) 2-Chloronaphthalene	13.886	162	143775	43.360	ng	98
48) 2-Nitroaniline	14.079	65	43410	51.968	ng	90
49) Acenaphthylene	14.726	152	229446	43.589	ng	99
50) Dimethylphthalate	14.432	163	192544	46.546	ng	98
51) 2,6-Dinitrotoluene	14.561	165	40951	47.427	ng	94
52) Acenaphthene	15.060	154	170987m	49.718	ng	
53) 3-Nitroaniline	14.896	138	29724	34.667	ng	96
54) 2,4-Dinitrophenol	15.102	184	47090	94.905	ng	87
55) Dibenzofuran	15.389	168	231992	41.632	ng	97
56) 4-Nitrophenol	15.190	139	63553	105.305	ng	# 78
57) 2,4-Dinitrotoluene	15.348	165	59035	50.205	ng	# 93
58) Fluorene	16.036	166	194759	43.411	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.613	232	58201	48.202	ng	97
60) Diethylphthalate	15.777	149	192141	48.187	ng	99
61) 4-Chlorophenyl-phenyle...	16.018	204	113436	42.127	ng	99
62) 4-Nitroaniline	16.053	138	40149	46.503	ng	# 82
63) Azobenzene	16.306	77	204345	48.175	ng	96
65) 4,6-Dinitro-2-methylph...	16.112	198	35147	46.868	ng	95
66) n-Nitrosodiphenylamine	16.229	169	169917	44.946	ng	99
67) 4-Bromophenyl-phenylether	16.911	248	73198	42.011	ng	96
68) Hexachlorobenzene	17.040	284	77550	43.394	ng	96
69) Atrazine	17.164	200	68914	57.073	ng	93
70) Pentachlorophenol	17.381	266	77914	92.770	ng	97
71) Phenanthrene	17.780	178	326545	44.149	ng	100
72) Anthracene	17.868	178	329345	44.037	ng	99
73) Carbazole	18.133	167	291630	46.196	ng	99
74) Di-n-butylphthalate	18.656	149	298677	50.863	ng	98
75) Fluoranthene	19.766	202	402369	43.787	ng	99
77) Benzidine	19.930	184	144605	73.388	ng	97
78) Pyrene	20.130	202	412613	46.475	ng	100
80) Butylbenzylphthalate	20.982	149	115171	49.683	ng	93
81) Benzo(a)anthracene	22.028	228	411503	45.770	ng	99
82) 3,3'-Dichlorobenzidine	21.928	252	106309	45.178	ng	98
83) Chrysene	22.098	228	382550	44.122	ng	99
84) Bis(2-ethylhexyl)phtha...	21.875	149	172391	47.124	ng	98
85) Di-n-octyl phthalate	23.179	149	294742	50.257	ng	97
87) Indeno(1,2,3-cd)pyrene	29.635	276	456237	46.375	ng	# 91
88) Benzo(b)fluoranthene	24.442	252	425063	49.372	ng	99
89) Benzo(k)fluoranthene	24.512	252	411321	46.188	ng	98
90) Benzo(a)pyrene	25.399	252	371715	43.836	ng	98
91) Dibenzo(a,h)anthracene	29.694	278	378644	46.353	ng	97
92) Benzo(g,h,i)perylene	30.915	276	367921	45.522	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.381 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

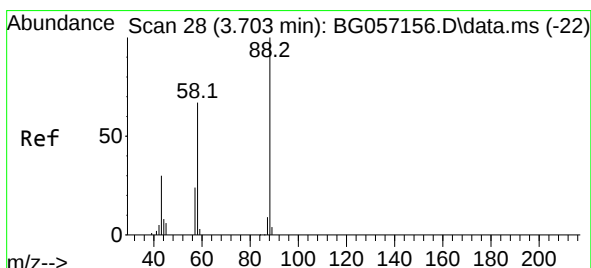
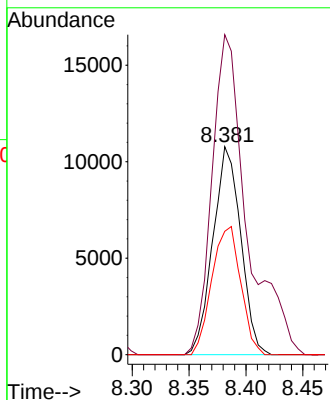
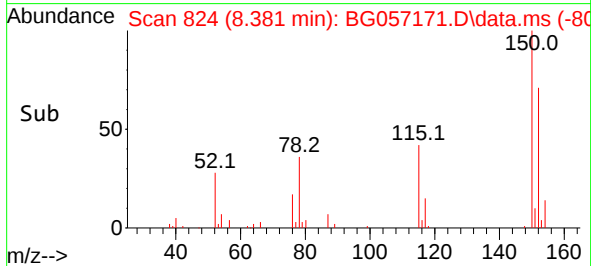
Instrument :
BNA_G
ClientSampleId :
PB152259BS



Tgt Ion:152 Resp: 1835
Ion Ratio Lower Upper
152 100
150 153.9 121.4 182.2
115 59.3 48.1 72.1

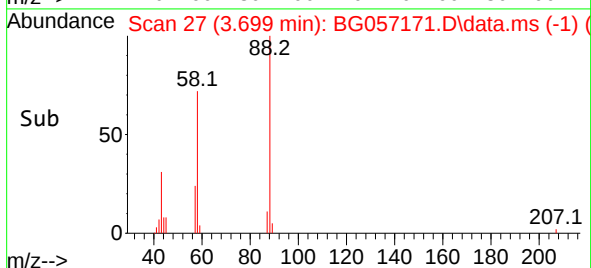
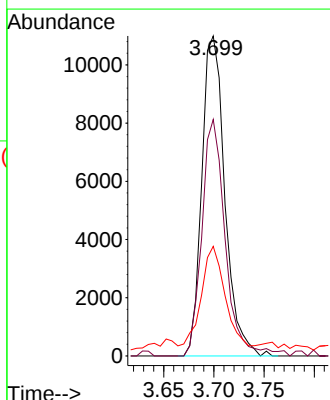
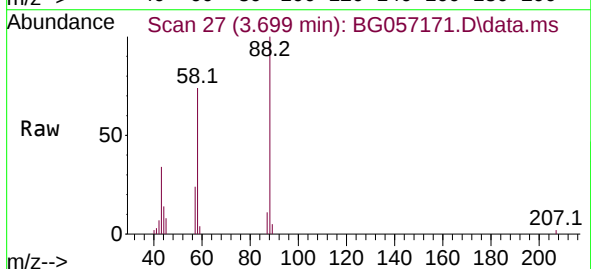
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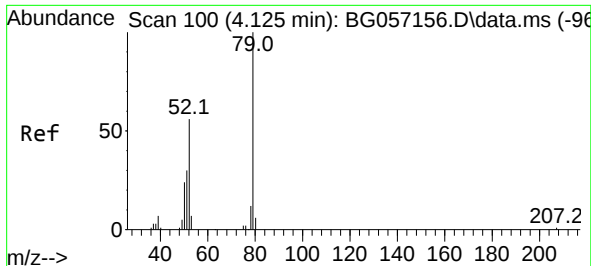
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#2
1,4-Dioxane
Concen: 38.733 ng
RT: 3.699 min Scan# 27
Delta R.T. -0.003 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

Tgt Ion: 88 Resp: 17578
Ion Ratio Lower Upper
88 100
58 75.1 54.2 81.4
43 32.8 23.0 34.6





#3
Pyridine
Concen: 37.184 ng
RT: 4.122 min Scan# 91
Delta R.T. -0.003 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

Instrument :

BNA_G

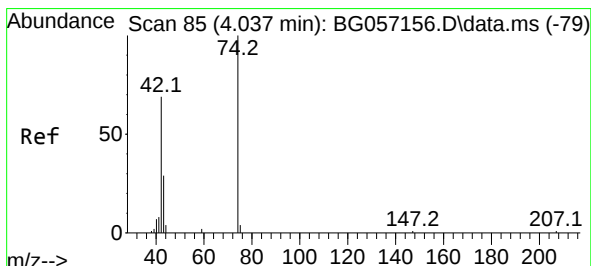
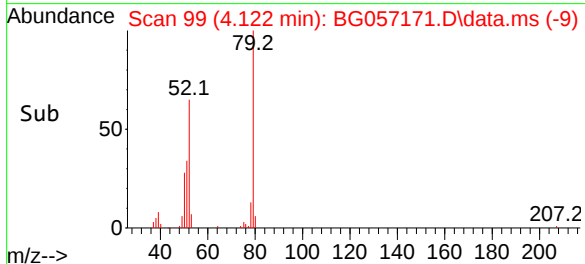
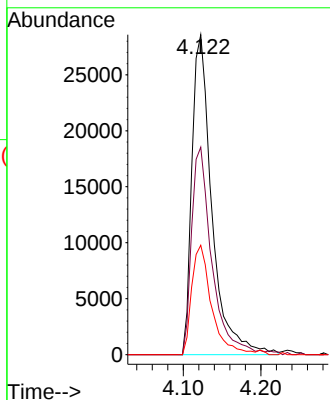
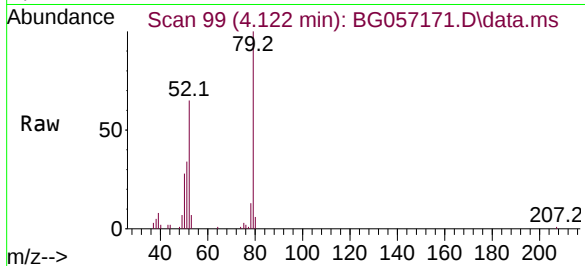
ClientSampleId :

PB152259BS

Tgt Ion: 79 Resp: 5120
Ion Ratio Lower Upper
79 100
52 64.9 44.5 66.7
51 34.2 24.3 36.5

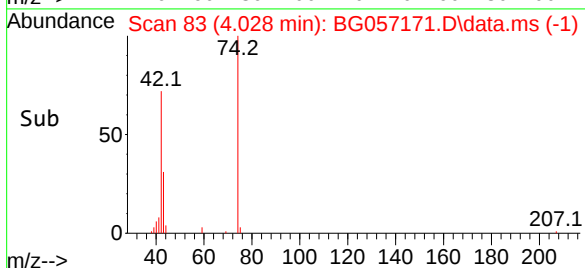
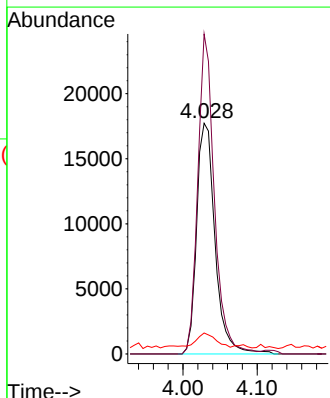
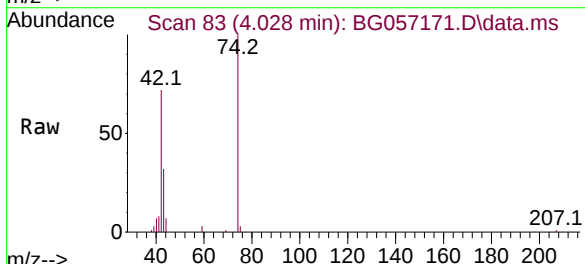
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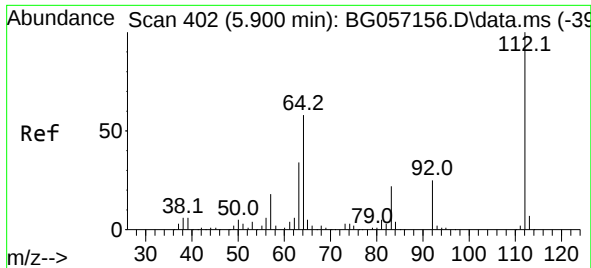
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#4
n-Nitrosodimethylamine
Concen: 61.429 ng
RT: 4.028 min Scan# 83
Delta R.T. -0.009 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

Tgt Ion: 42 Resp: 30512
Ion Ratio Lower Upper
42 100
74 138.7 115.6 173.4
44 9.1 7.1 10.7





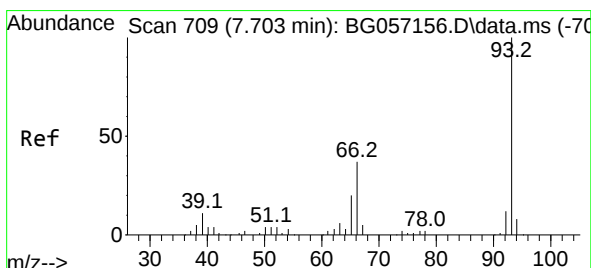
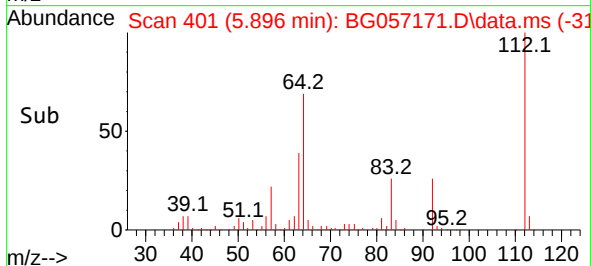
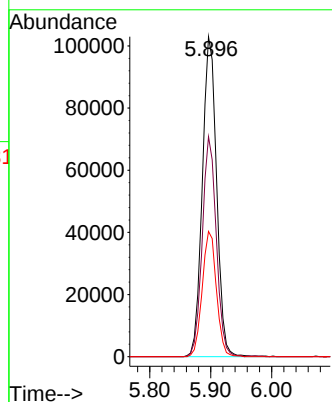
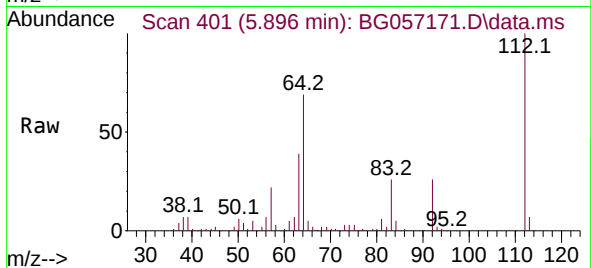
#5
2-Fluorophenol
Concen: 165.436 ng
RT: 5.896 min Scan# 401
Delta R.T. -0.003 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

Instrument :
BNA_G
ClientSampleId :
PB152259BS

Tgt Ion:112 Resp: 16754
Ion Ratio Lower Upper
112 100
64 68.7 46.7 70.1
63 39.2 26.9 40.3

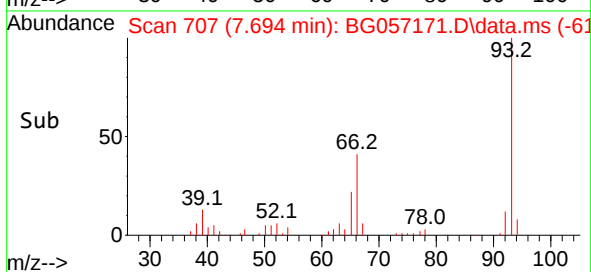
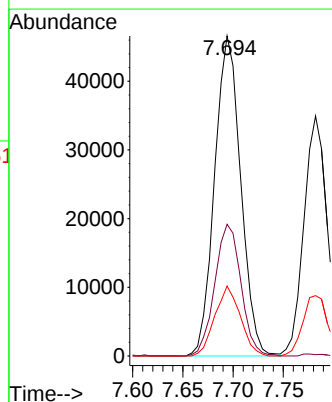
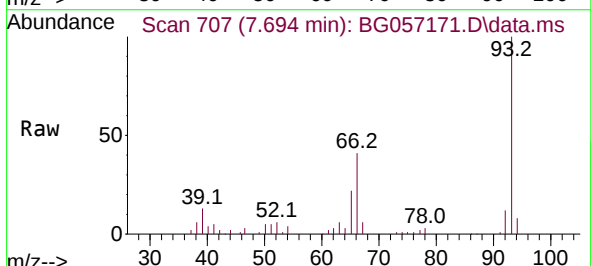
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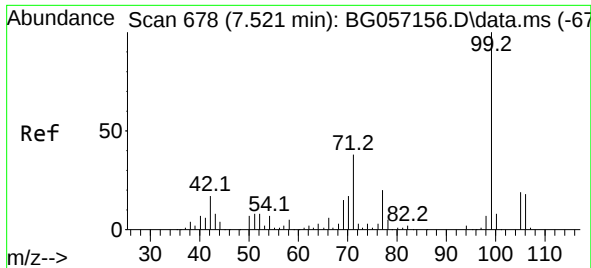
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#6
Aniline
Concen: 44.065 ng
RT: 7.694 min Scan# 707
Delta R.T. -0.009 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

Tgt Ion: 93 Resp: 84324
Ion Ratio Lower Upper
93 100
66 41.2 29.8 44.8
65 21.8 16.4 24.6





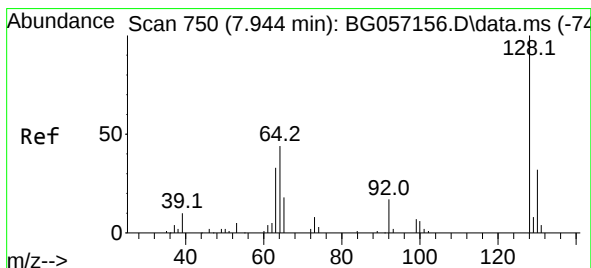
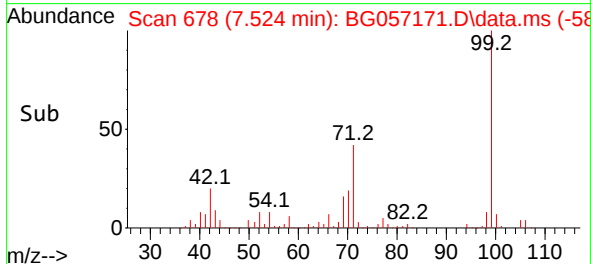
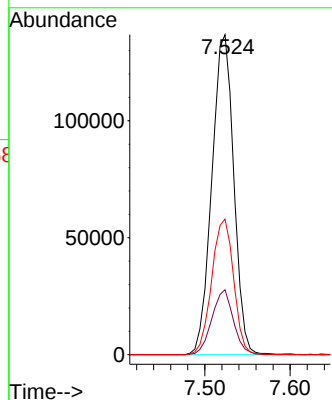
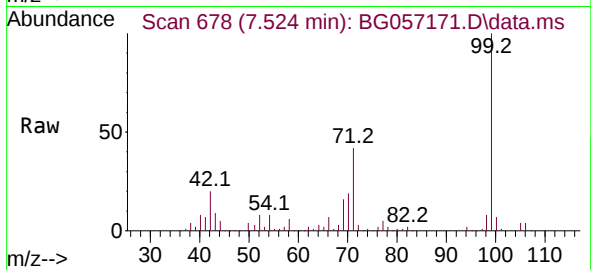
#7
Phenol-d6
Concen: 166.426 ng
RT: 7.524 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 24386
Ion Ratio Lower Upper
99 100
42 20.3 13.4 20.0
71 42.4 30.2 45.2

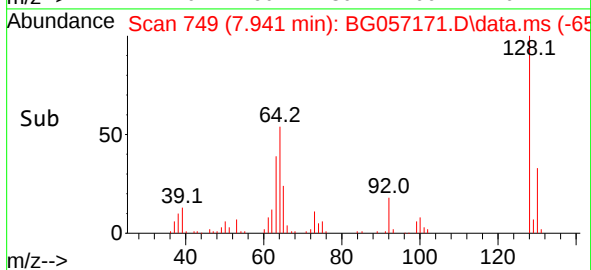
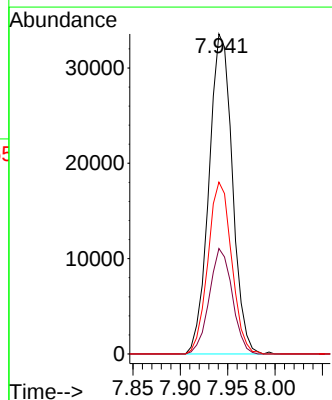
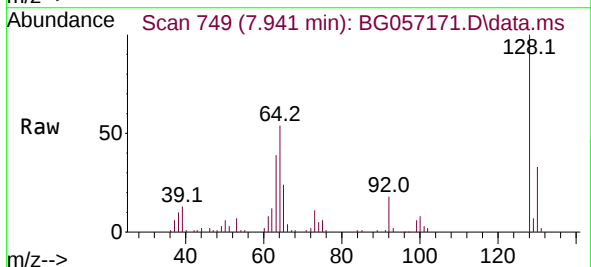
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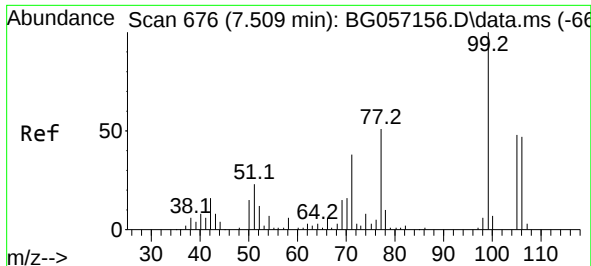
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#8
2-Chlorophenol
Concen: 54.342 ng
RT: 7.941 min Scan# 749
Delta R.T. -0.003 min
Lab File: BG057171.D
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Tgt Ion:128 Resp: 57654
Ion Ratio Lower Upper
128 100
130 32.9 11.6 51.6
64 53.7 31.4 71.4





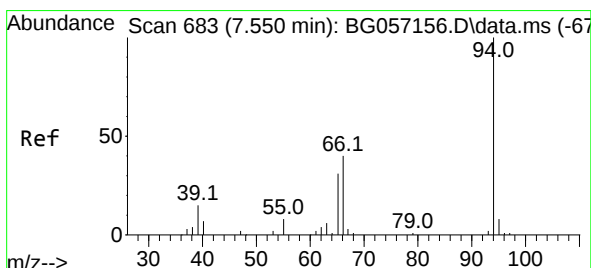
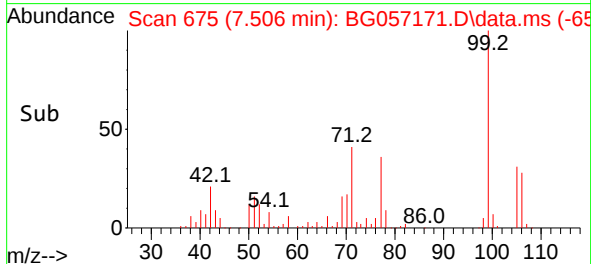
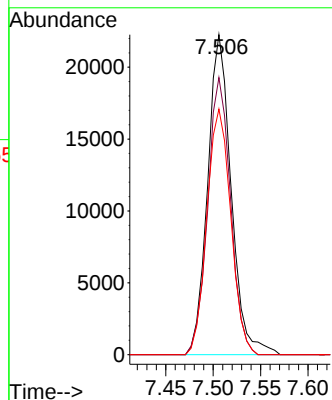
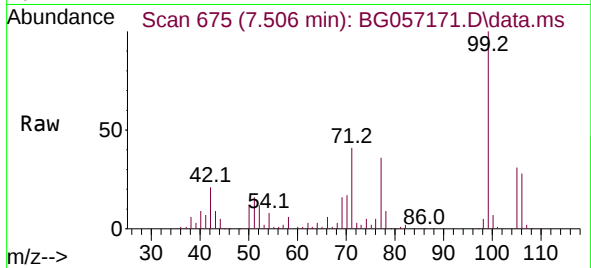
#9
Benzaldehyde
Concen: 43.723 ng
RT: 7.506 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

Instrument :
BNA_G
ClientSampleId :
PB152259BS

Tgt Ion: 77 Resp: 3837
Ion Ratio Lower Upper
77 100
105 86.6 73.5 113.5
106 76.8 72.7 112.7

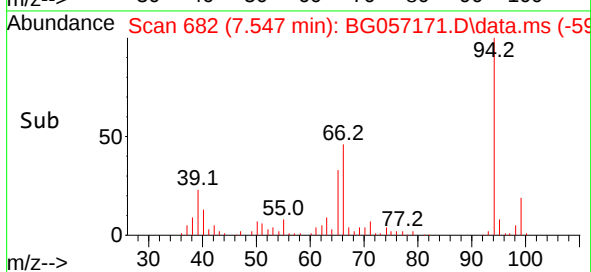
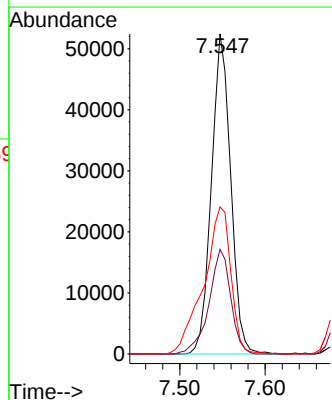
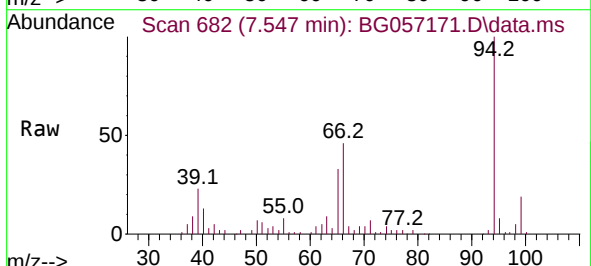
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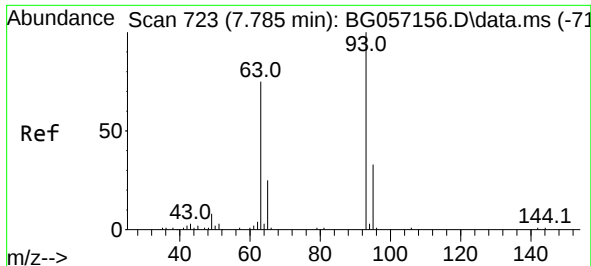
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#10
Phenol
Concen: 56.506 ng
RT: 7.547 min Scan# 682
Delta R.T. -0.003 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

Tgt Ion: 94 Resp: 82216
Ion Ratio Lower Upper
94 100
65 32.6 11.6 51.6
66 45.9 22.7 62.7





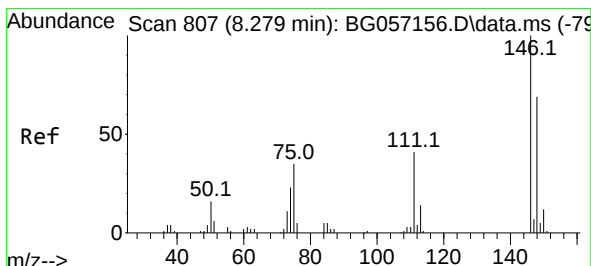
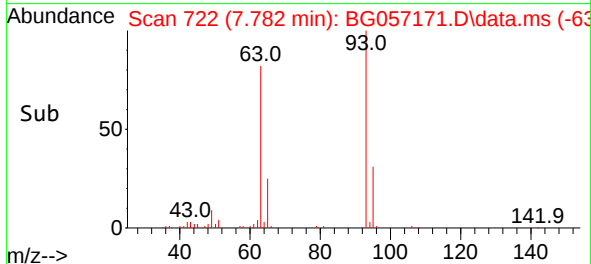
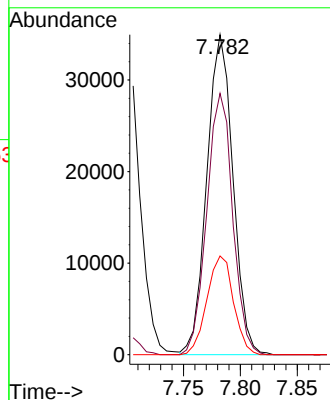
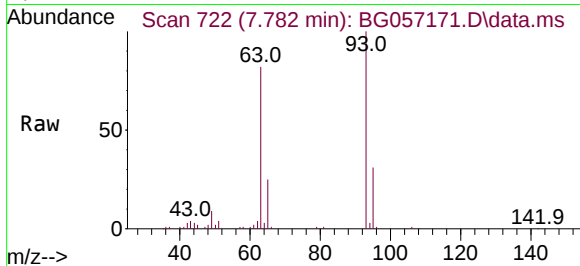
#11
bis(2-Chloroethyl)ether
Concen: 48.975 ng
RT: 7.782 min Scan# 71
Delta R.T. -0.003 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

Instrument :
BNA_G
ClientSampleId :
PB152259BS

Tgt Ion: 93 Resp: 55918
Ion Ratio Lower Upper
93 100
63 81.6 53.9 93.9
95 30.9 13.1 53.1

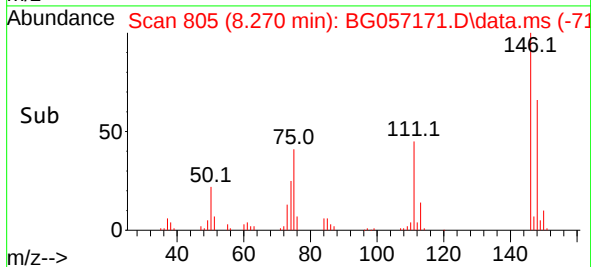
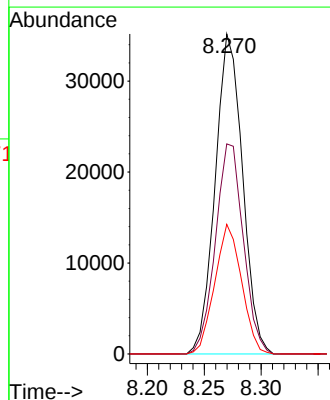
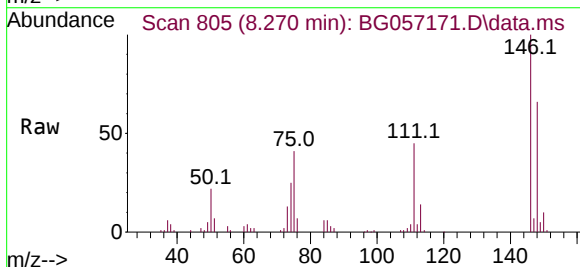
Manual Integrations
APPROVED

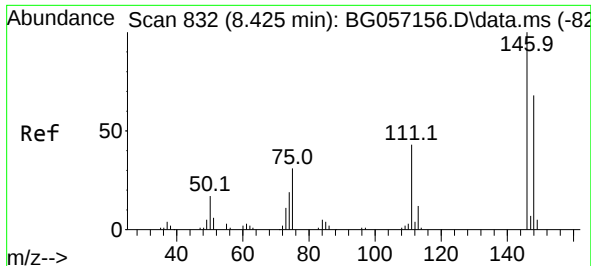
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#12
1,3-Dichlorobenzene
Concen: 46.785 ng
RT: 8.270 min Scan# 805
Delta R.T. -0.009 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

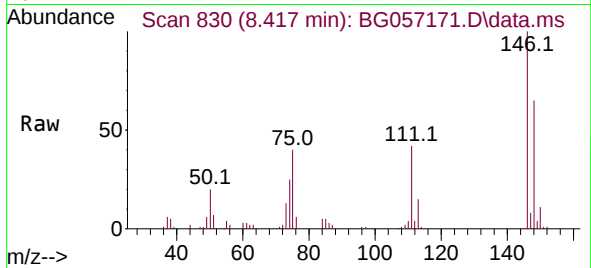
Tgt Ion:146 Resp: 58800
Ion Ratio Lower Upper
146 100
148 65.7 55.4 83.2
75 40.5 28.2 42.4





#13
1,4-Dichlorobenzene
Concen: 48.018 ng
RT: 8.417 min Scan# 811
Delta R.T. -0.008 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

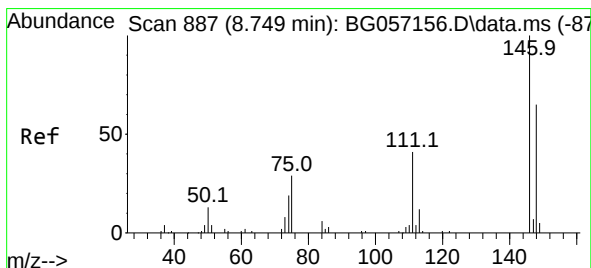
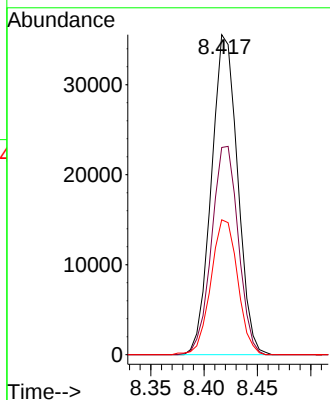
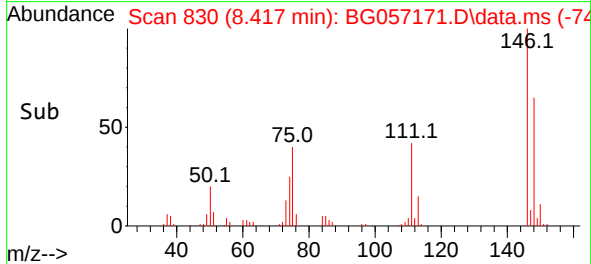
Instrument :
BNA_G
ClientSampleId :
PB152259BS



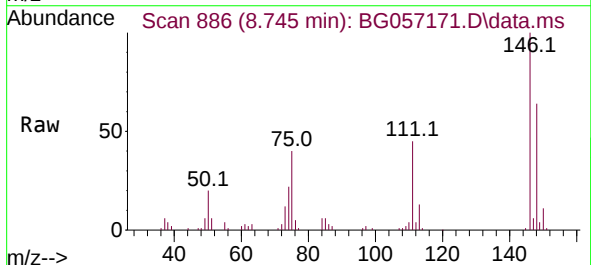
Tgt Ion:146 Resp: 6082
Ion Ratio Lower Upper
146 100
148 64.7 54.3 81.5
111 42.2 34.2 51.4

Manual Integrations
APPROVED

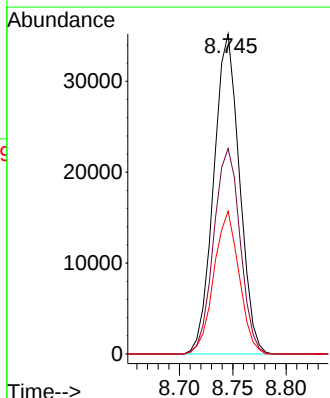
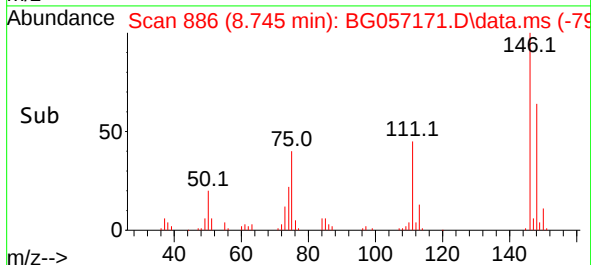
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

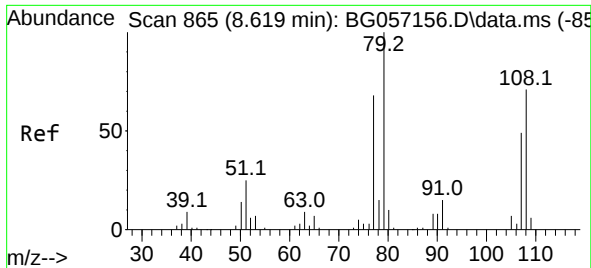


#14
1,2-Dichlorobenzene
Concen: 48.353 ng
RT: 8.745 min Scan# 886
Delta R.T. -0.003 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10



Tgt Ion:146 Resp: 59133
Ion Ratio Lower Upper
146 100
148 64.2 52.3 78.5
111 44.6 33.1 49.7





#15
Benzyl Alcohol
Concen: 58.260 ng
RT: 8.616 min Scan# 80
Delta R.T. -0.003 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

Instrument :

BNA_G

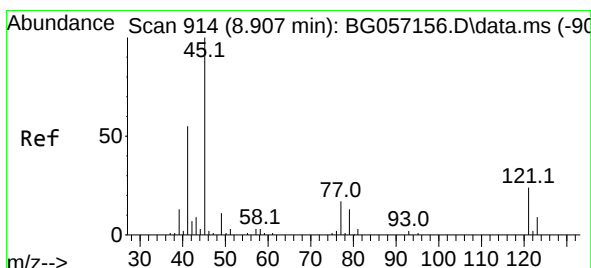
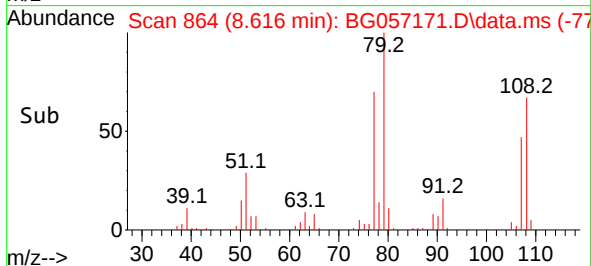
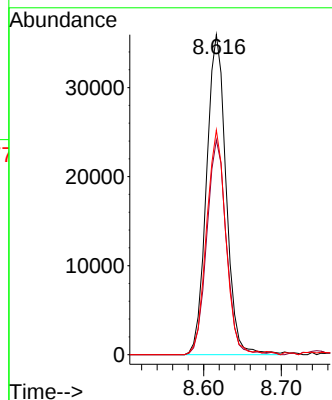
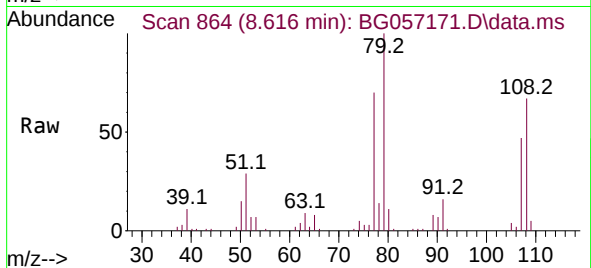
ClientSampleId :

PB152259BS

Tgt Ion: 79 Resp: 6290
Ion Ratio Lower Upper
79 100
108 67.1 56.8 85.2
77 70.2 54.2 81.2

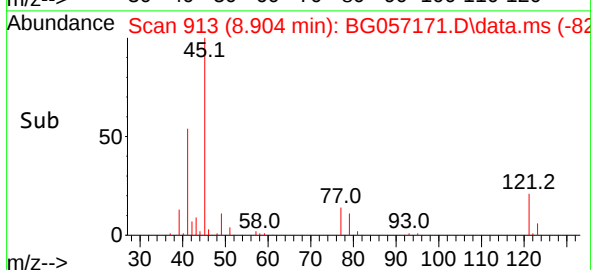
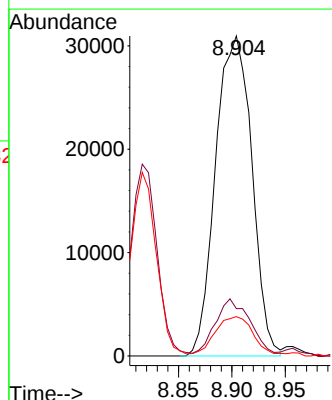
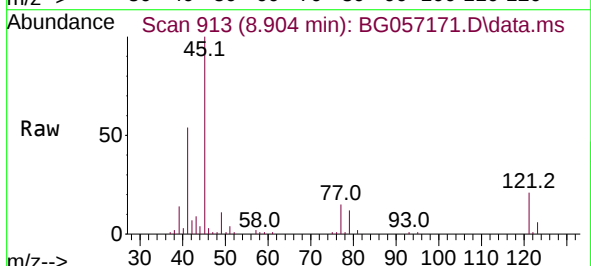
Manual Integrations
APPROVED

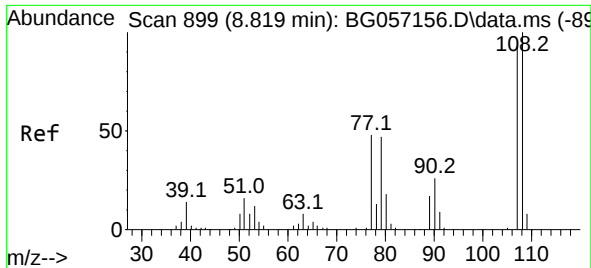
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.600 ng
RT: 8.904 min Scan# 913
Delta R.T. -0.003 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

Tgt Ion: 45 Resp: 73173
Ion Ratio Lower Upper
45 100
77 14.8 0.0 38.7
79 12.3 0.0 34.9





#17
2-Methylphenol
Concen: 51.271 ng
RT: 8.816 min Scan# 899
Delta R.T. -0.003 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

Instrument :

BNA_G

ClientSampleId :

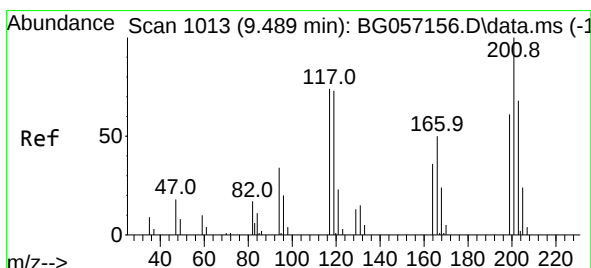
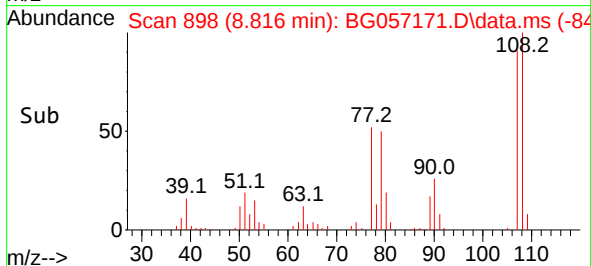
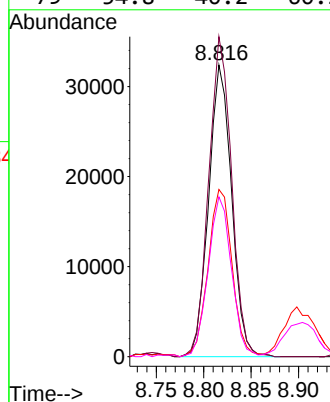
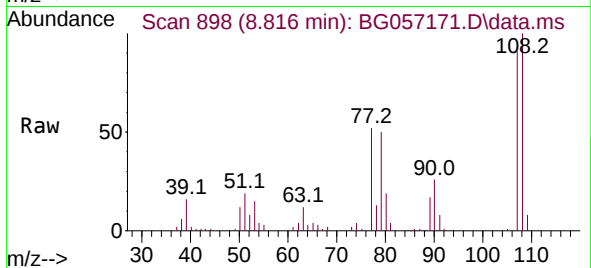
PB152259BS

Tgt Ion:107 Resp: 54589
Ion Ratio Lower Upper
107 100
108 109.7 86.2 129.4
77 57.3 41.8 62.8
79 54.8 40.2 60.2

Manual Integrations

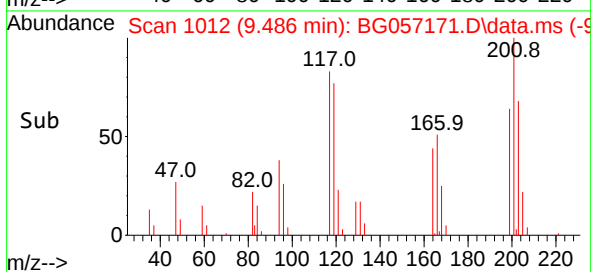
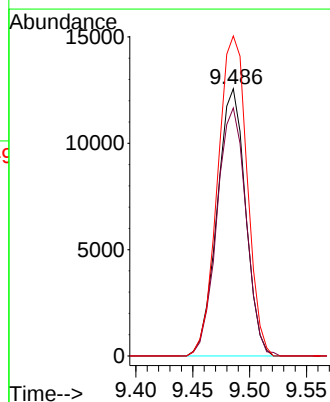
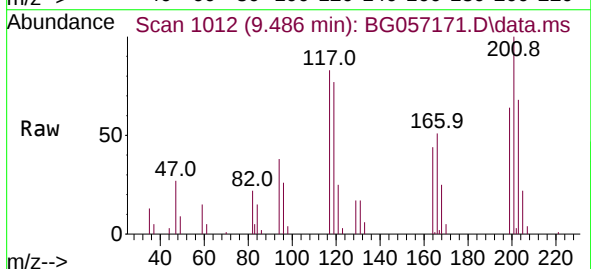
APPROVED

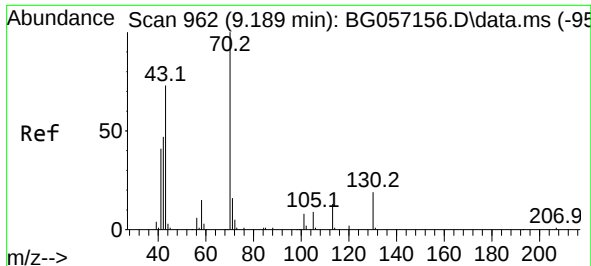
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#18
Hexachloroethane
Concen: 50.743 ng
RT: 9.486 min Scan# 1012
Delta R.T. -0.003 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

Tgt Ion:117 Resp: 21804
Ion Ratio Lower Upper
117 100
119 92.8 78.3 117.5
201 119.8 107.6 161.4





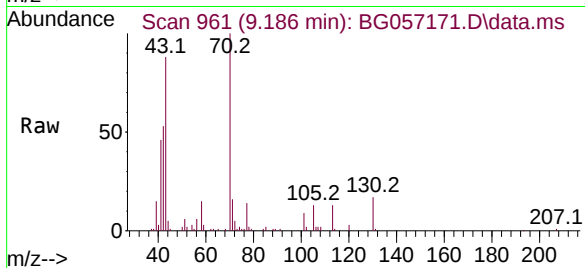
#19
n-Nitroso-di-n-propylamine
Concen: 59.384 ng
RT: 9.186 min Scan# 90
Delta R.T. -0.003 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

Instrument :

BNA_G

ClientSampleId :

PB152259BS

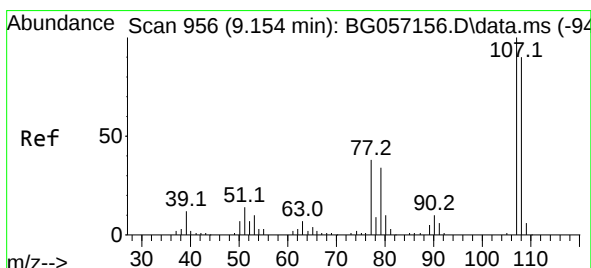
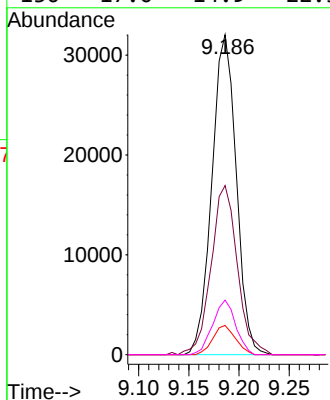
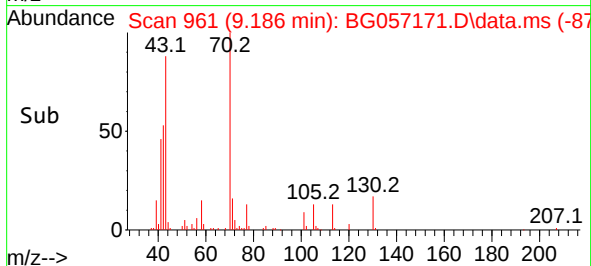


Tgt Ion: 70 Resp: 54124
Ion Ratio Lower Upper
70 100
42 52.9 38.0 57.0
101 9.2 6.6 9.8
130 17.0 14.9 22.3

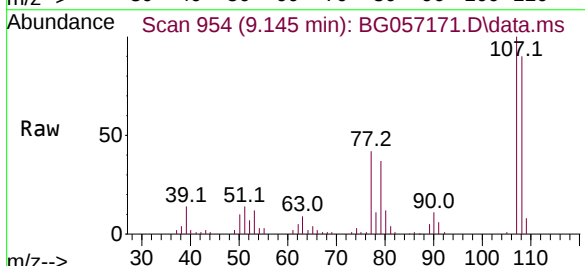
Manual Integrations

APPROVED

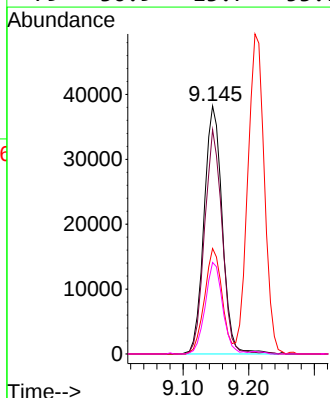
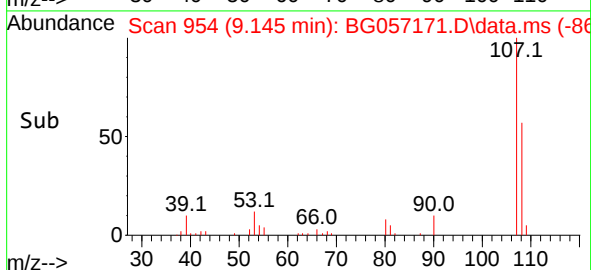
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

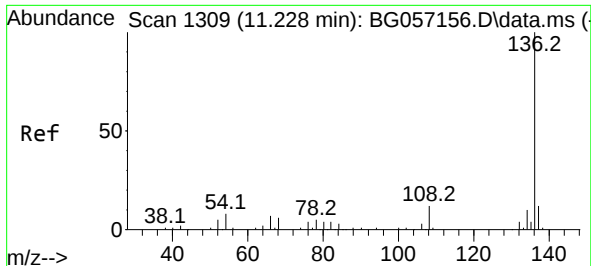


#20
3+4-Methylphenols
Concen: 50.634 ng
RT: 9.145 min Scan# 954
Delta R.T. -0.009 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10



Tgt Ion:107 Resp: 73779
Ion Ratio Lower Upper
107 100
108 90.4 70.2 110.2
77 42.5 17.8 57.8
79 36.9 13.7 53.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.225 min Scan# 1309
Delta R.T. -0.003 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

Instrument :

BNA_G

ClientSampleId :

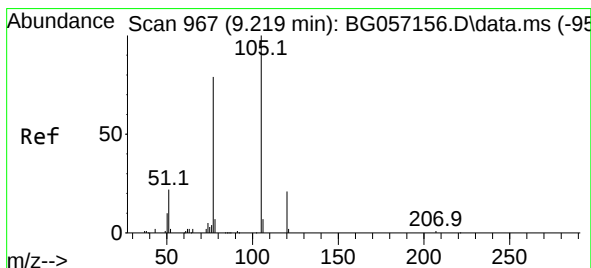
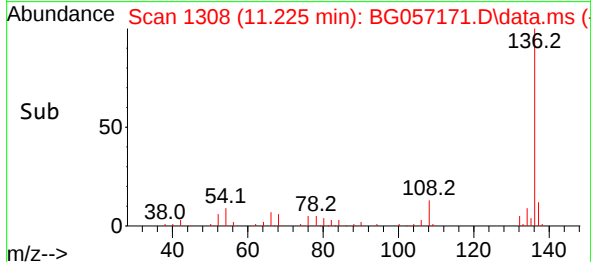
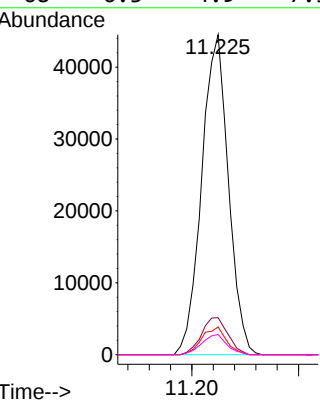
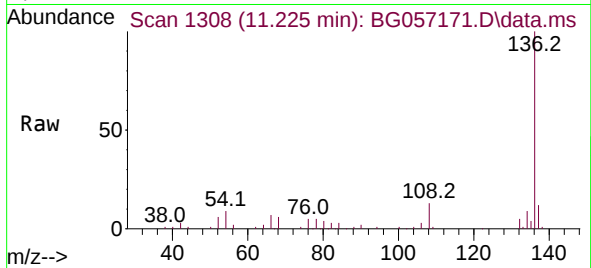
PB152259BS

Tgt Ion:136 Resp: 77369
Ion Ratio Lower Upper
136 100
137 11.6 9.5 14.3
54 8.7 6.4 9.6
68 6.3 4.9 7.3

Manual Integrations

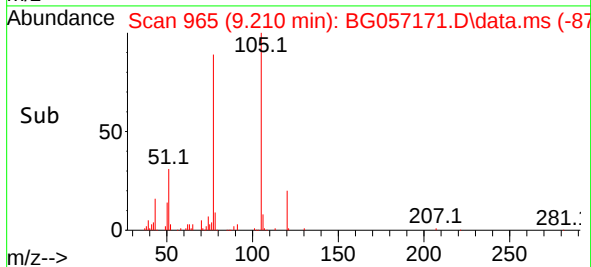
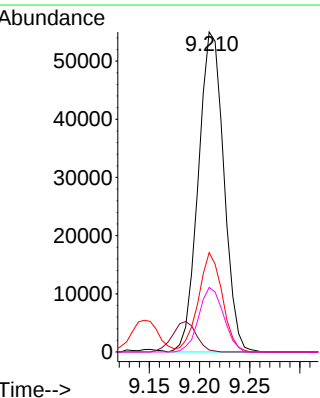
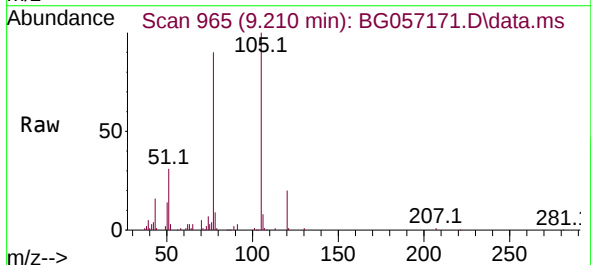
APPROVED

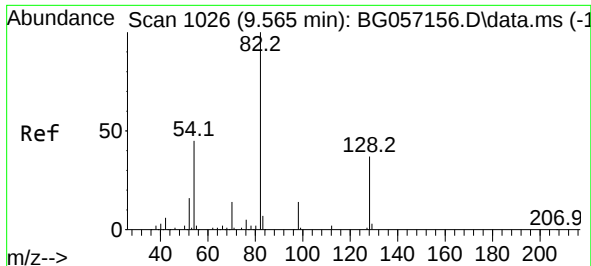
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#22
Acetophenone
Concen: 46.299 ng
RT: 9.210 min Scan# 965
Delta R.T. -0.009 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

Tgt Ion:105 Resp: 97173
Ion Ratio Lower Upper
105 100
71 0.6 0.2 0.4#
51 31.1 19.4 29.0#
120 20.2 17.0 25.6





#23
Nitrobenzene-d5
Concen: 100.442 ng
RT: 9.562 min Scan# 1025
Delta R.T. -0.003 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

Instrument :

BNA_G

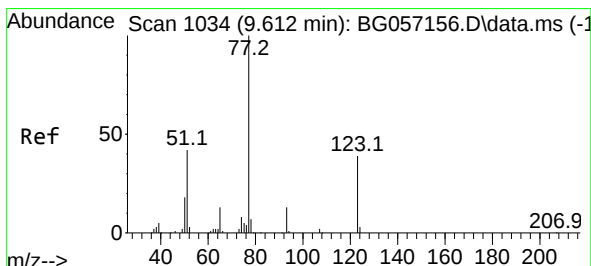
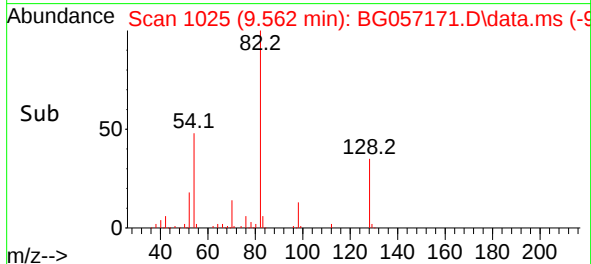
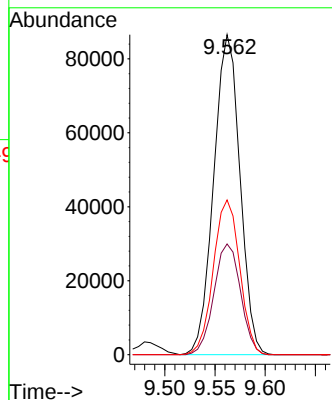
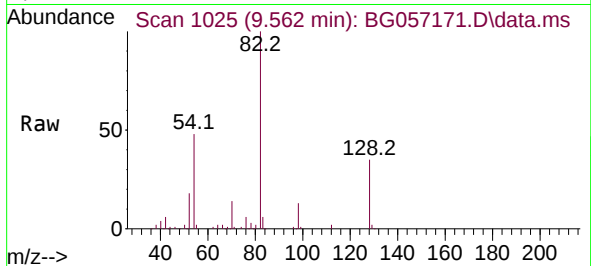
ClientSampleId :

PB152259BS

Tgt Ion: 82 Resp: 157194
Ion Ratio Lower Upper
82 100
128 34.6 29.4 44.2
54 48.4 36.2 54.2

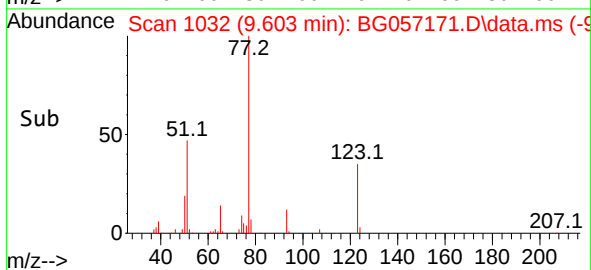
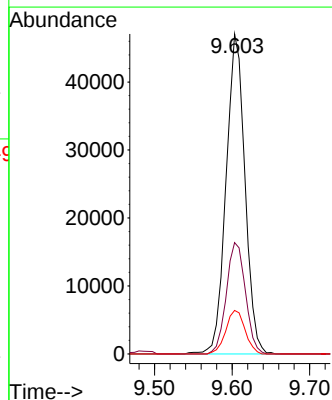
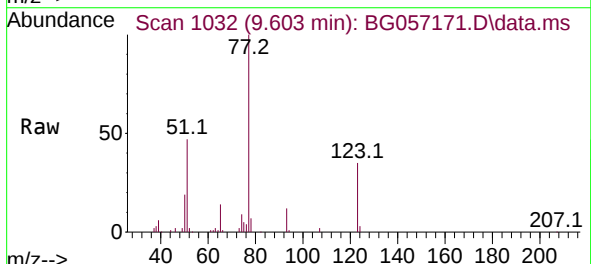
Manual Integrations
APPROVED

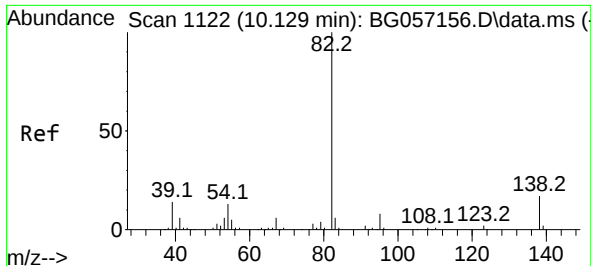
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#24
Nitrobenzene
Concen: 50.780 ng
RT: 9.603 min Scan# 1032
Delta R.T. -0.009 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

Tgt Ion: 77 Resp: 79791
Ion Ratio Lower Upper
77 100
123 34.8 31.3 46.9
65 13.6 10.5 15.7





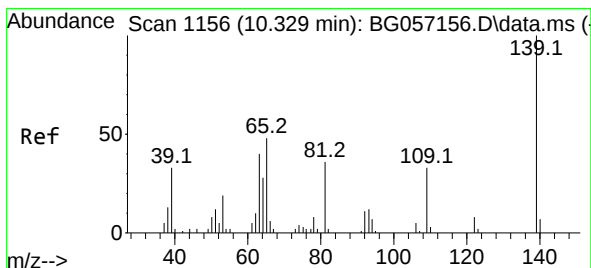
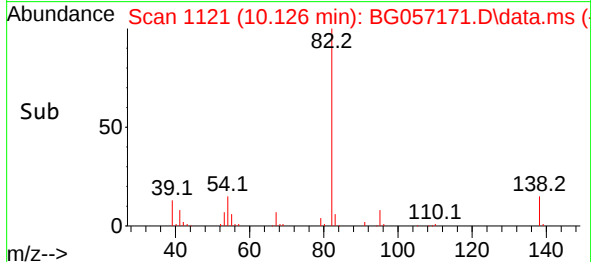
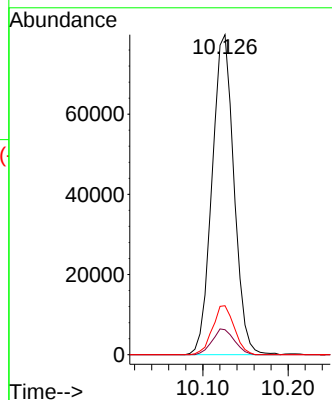
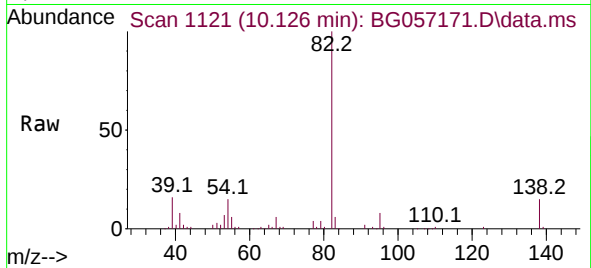
#25
Isophorone
Concen: 47.428 ng
RT: 10.126 min Scan# 1121
Delta R.T. -0.003 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

Instrument :
BNA_G
ClientSampleId :
PB152259BS

Tgt Ion: 82 Resp: 142372
Ion Ratio Lower Upper
82 100
95 7.8 6.2 9.2
138 15.3 13.4 20.0

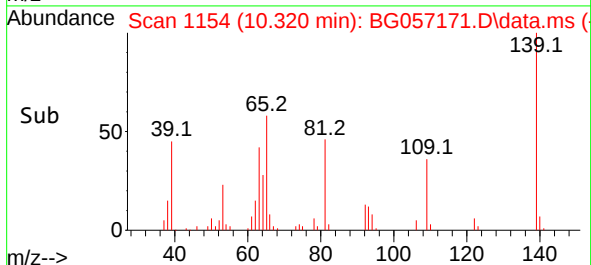
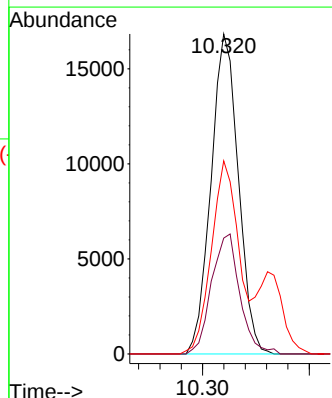
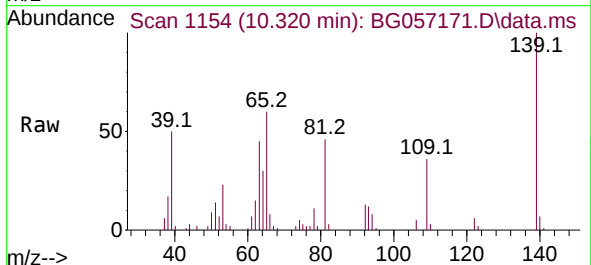
Manual Integrations
APPROVED

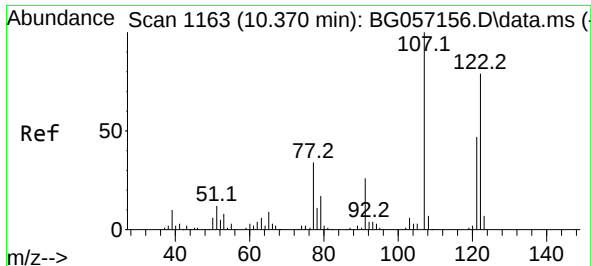
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#26
2-Nitrophenol
Concen: 50.966 ng
RT: 10.320 min Scan# 1154
Delta R.T. -0.009 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

Tgt Ion:139 Resp: 29919
Ion Ratio Lower Upper
139 100
109 36.2 26.6 39.8
65 60.3 38.6 58.0#





#27

2,4-Dimethylphenol

Concen: 51.387 ng

RT: 10.361 min Scan# 1161

Delta R.T. -0.009 min

Lab File: BG057171.D

Acq: 25 Apr 2023 11:10

Instrument :

BNA_G

ClientSampleId :

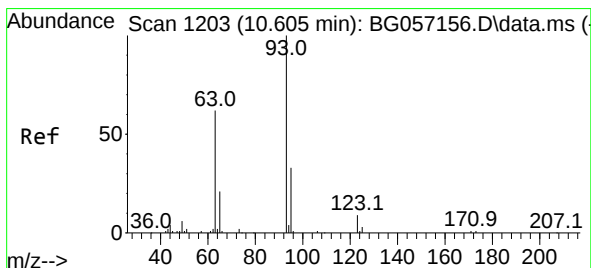
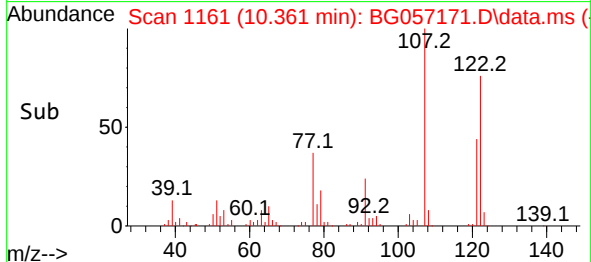
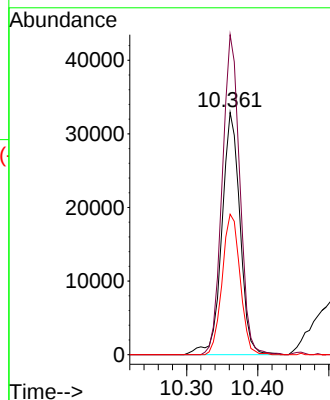
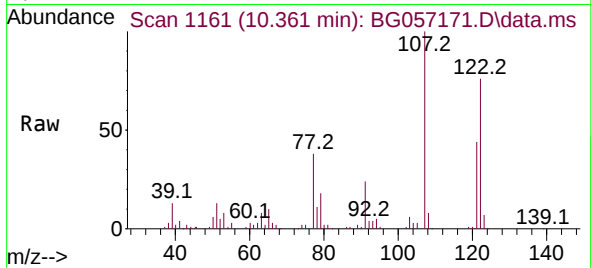
PB152259BS

Tgt Ion:122 Resp: 57978
 Ion Ratio Lower Upper
 122 100
 107 132.1 101.5 152.3
 121 58.0 48.0 72.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/26/2023
 Supervised By :Jagrut Upadhyay 04/26/2023



#28

bis(2-Chloroethoxy)methane

Concen: 47.545 ng

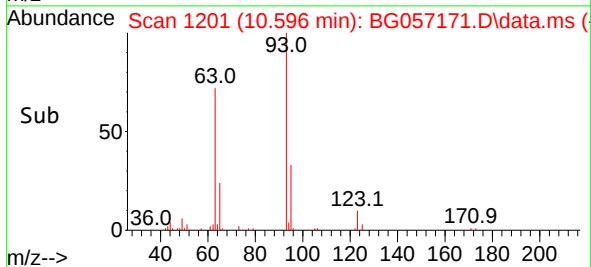
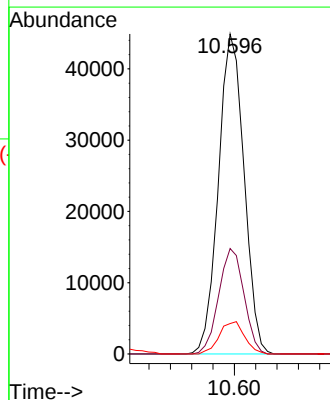
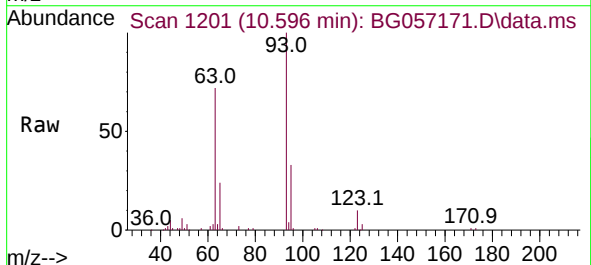
RT: 10.596 min Scan# 1201

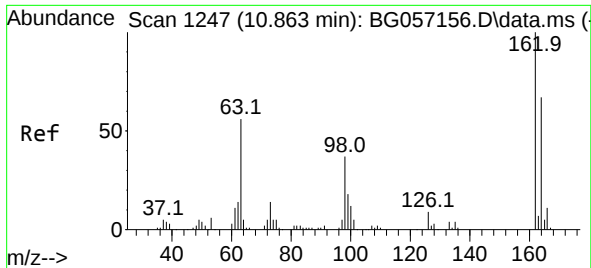
Delta R.T. -0.009 min

Lab File: BG057171.D

Acq: 25 Apr 2023 11:10

Tgt Ion: 93 Resp: 74817
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.5 39.7
 123 9.5 7.4 11.0





#29

2,4-Dichlorophenol

Concen: 49.149 ng

RT: 10.860 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG057171.D

Acq: 25 Apr 2023 11:10

Instrument :

BNA_G

ClientSampleId :

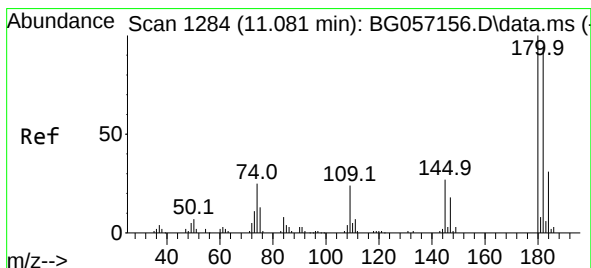
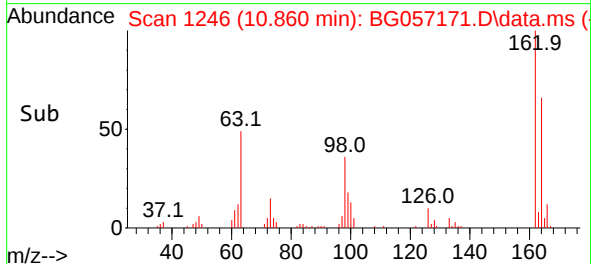
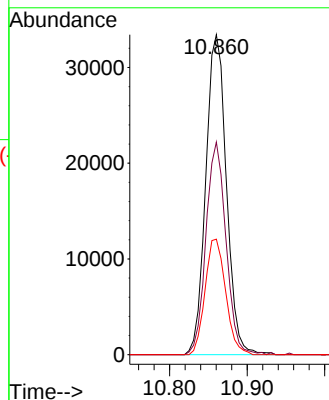
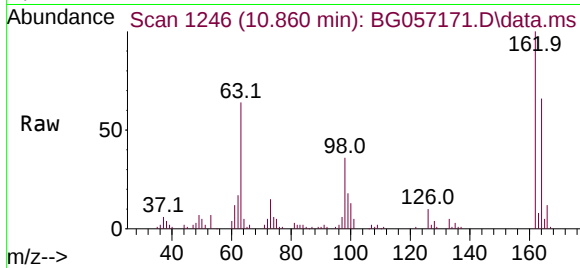
PB152259BS

Tgt Ion:162	Resp:	61774
Ion Ratio	Lower	Upper
162	100	
164	66.4	47.2 87.2
98	36.1	16.8 56.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#30

1,2,4-Trichlorobenzene

Concen: 43.524 ng

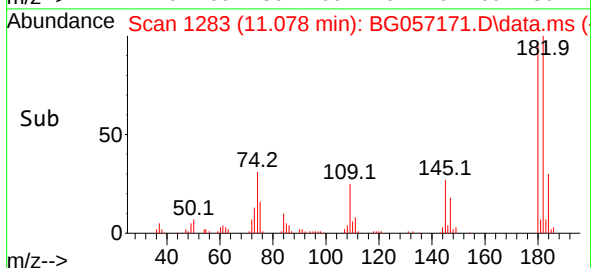
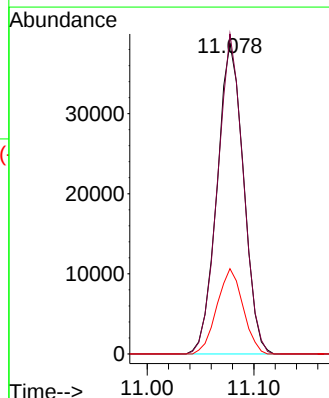
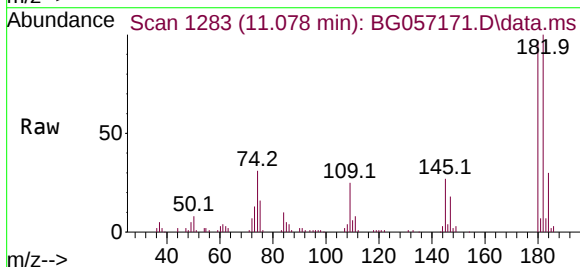
RT: 11.078 min Scan# 1283

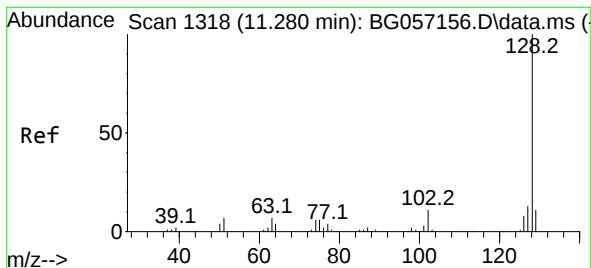
Delta R.T. -0.003 min

Lab File: BG057171.D

Acq: 25 Apr 2023 11:10

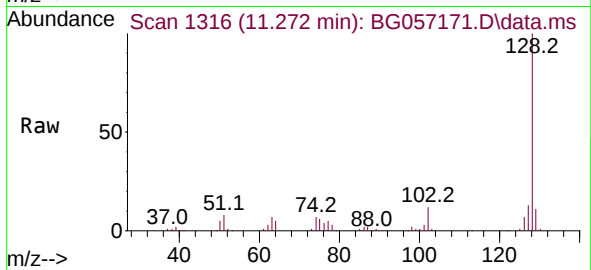
Tgt Ion:180	Resp:	66894
Ion Ratio	Lower	Upper
180	100	
182	103.0	75.0 112.6
145	27.4	21.4 32.2





#31
Naphthalene
Concen: 44.016 ng
RT: 11.272 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

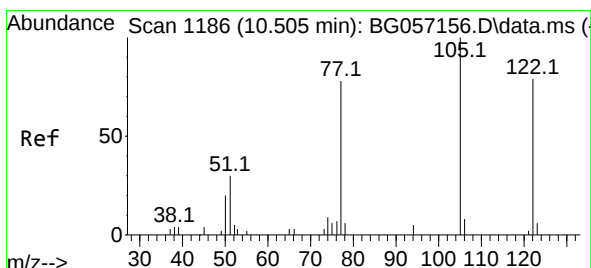
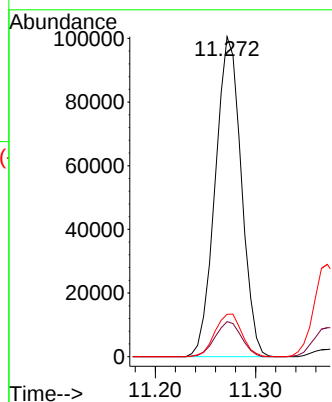
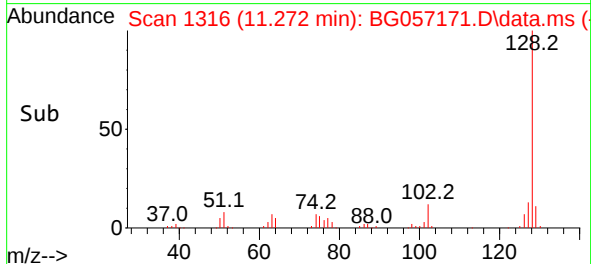
Instrument :
BNA_G
ClientSampleId :
PB152259BS



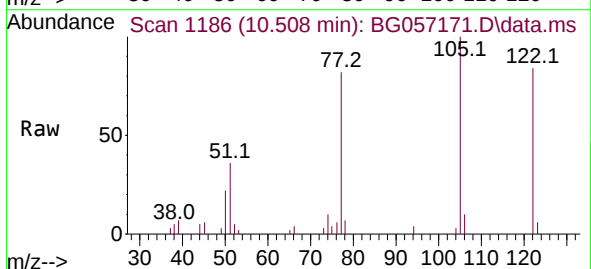
Tgt Ion:128 Resp: 180879
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.3 10.6 16.0

Manual Integrations
APPROVED

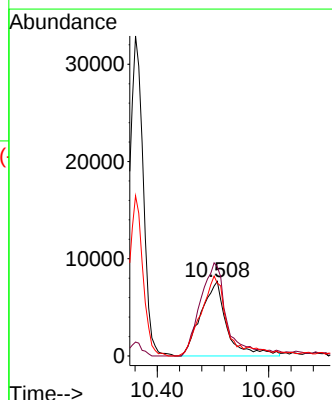
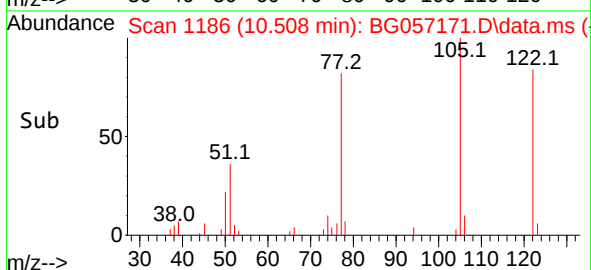
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

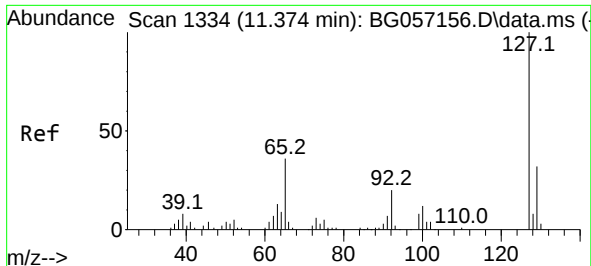


#32
Benzoic acid
Concen: 47.083 ng m
RT: 10.508 min Scan# 1186
Delta R.T. 0.003 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10



Tgt Ion:122 Resp: 24850
Ion Ratio Lower Upper
122 100
105 119.4 104.3 144.3
77 97.8 79.5 119.5





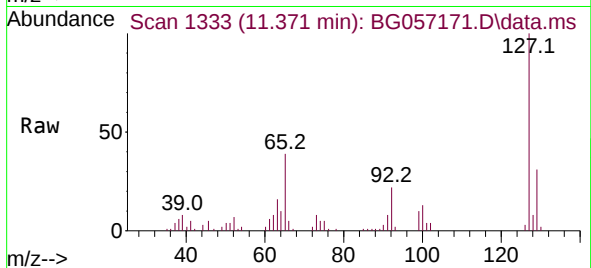
#33
4-Chloroaniline
Concen: 31.423 ng
RT: 11.371 min Scan# 1133
Delta R.T. -0.003 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

Instrument :

BNA_G

ClientSampleId :

PB152259BS

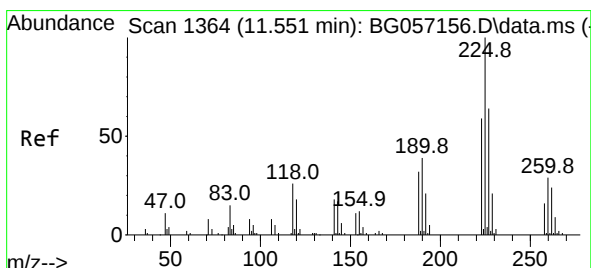
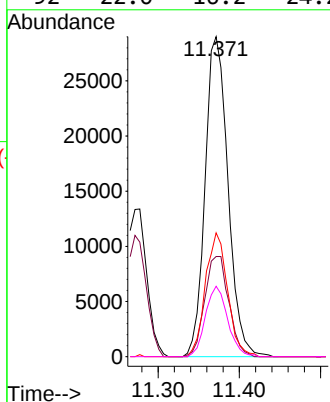
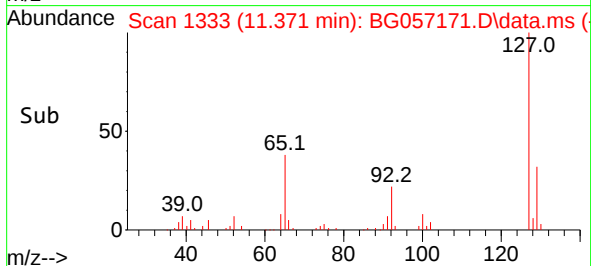


Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.9	38.9
65	38.7	28.6	42.8
92	22.0	16.2	24.2

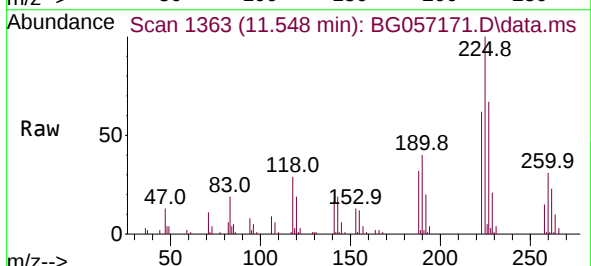
Manual Integrations

APPROVED

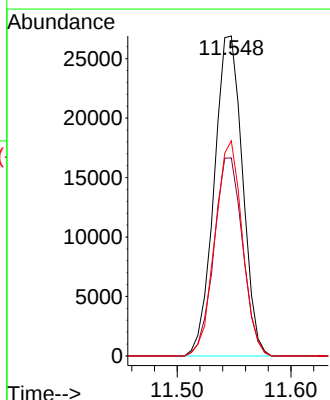
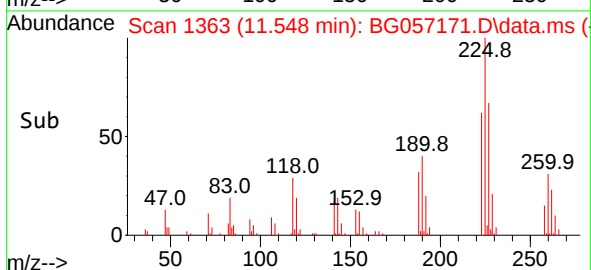
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

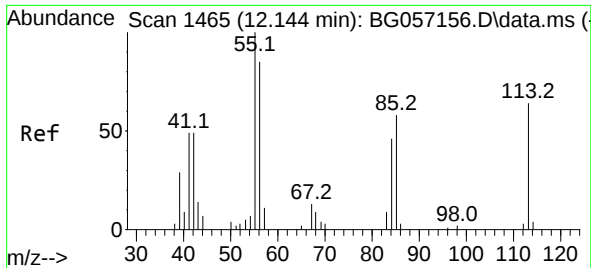


#34
Hexachlorobutadiene
Concen: 41.158 ng
RT: 11.548 min Scan# 1363
Delta R.T. -0.003 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10



Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	47.4	71.0
227	67.2	51.1	76.7





#35
Caprolactam
Concen: 54.171 ng m
RT: 12.135 min Scan# 1465
Delta R.T. -0.009 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

Instrument :

BNA_G

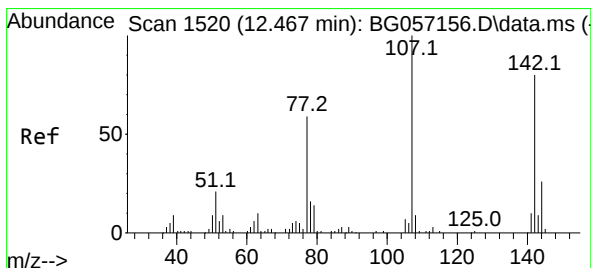
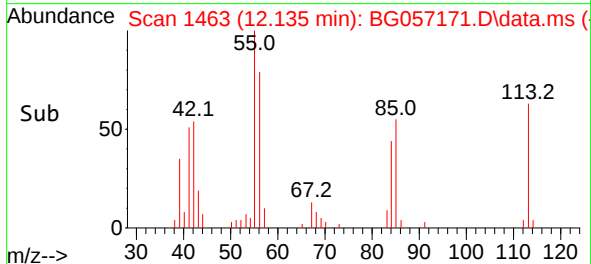
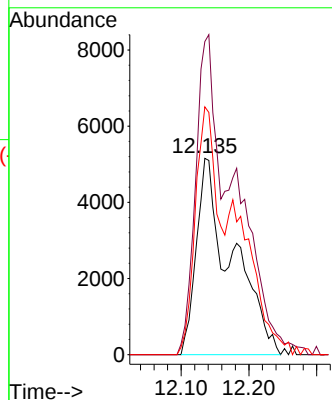
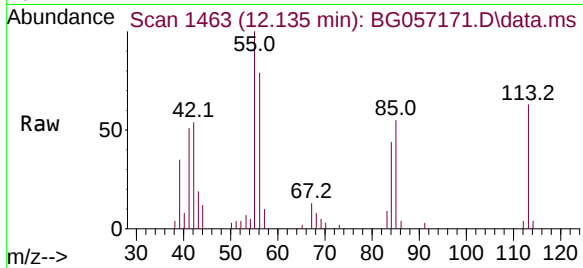
ClientSampleId :

PB152259BS

Tgt Ion:113 Resp: 1885
Ion Ratio Lower Upper
113 100
55 159.4 135.8 175.8
56 126.2 111.8 151.8

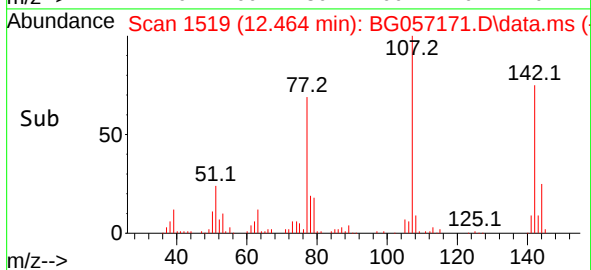
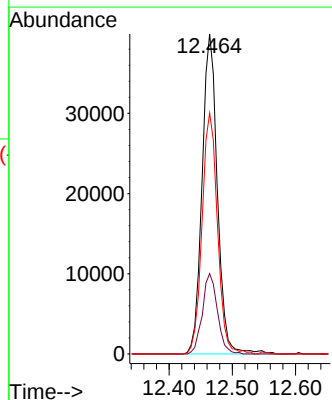
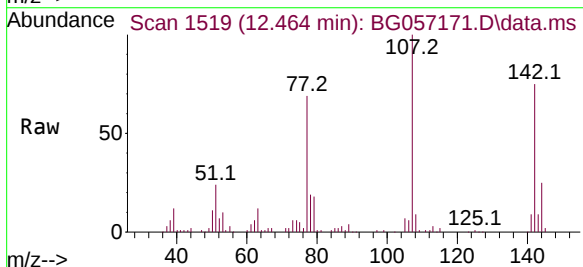
Manual Integrations
APPROVED

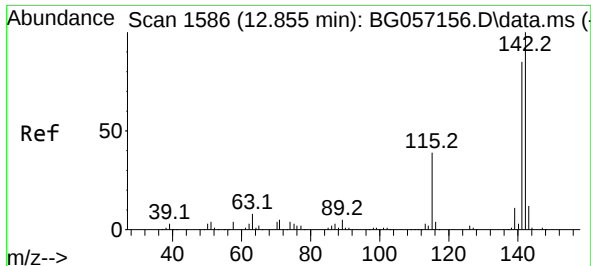
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#36
4-Chloro-3-methylphenol
Concen: 49.715 ng
RT: 12.464 min Scan# 1519
Delta R.T. -0.003 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

Tgt Ion:107 Resp: 67220
Ion Ratio Lower Upper
107 100
144 25.1 21.0 31.6
142 75.3 63.8 95.8





#37
2-Methylnaphthalene
Concen: 41.706 ng
RT: 12.846 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

Instrument :

BNA_G

ClientSampleId :

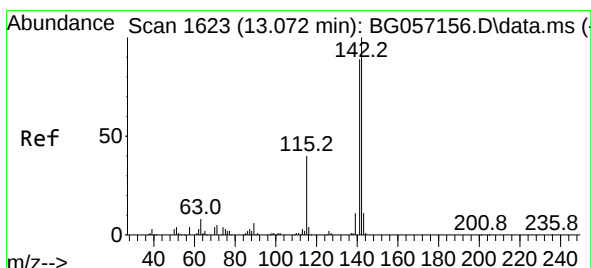
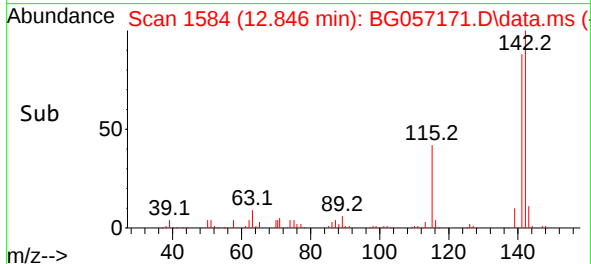
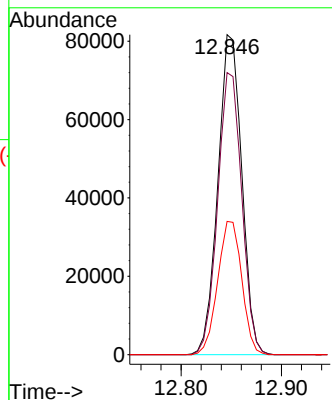
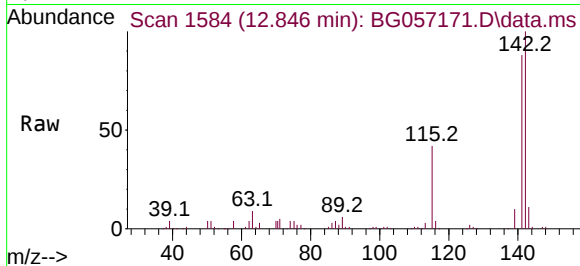
PB152259BS

Tgt Ion:142 Resp: 13487
Ion Ratio Lower Upper
142 100
141 88.1 68.1 102.1
115 41.7 31.0 46.4

Manual Integrations

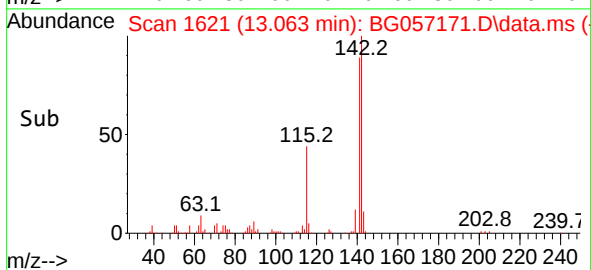
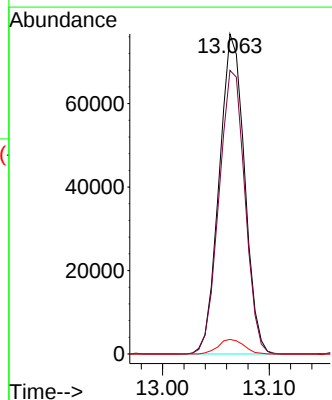
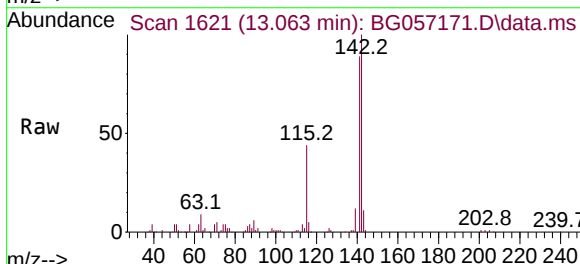
APPROVED

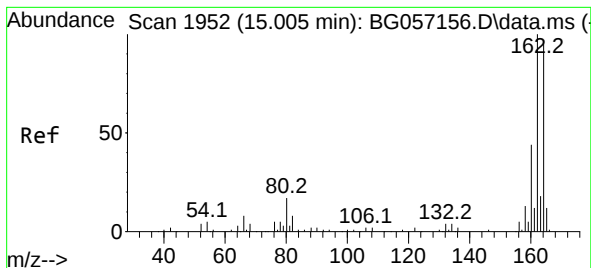
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#38
1-Methylnaphthalene
Concen: 42.281 ng
RT: 13.063 min Scan# 1621
Delta R.T. -0.009 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

Tgt Ion:142 Resp: 126234
Ion Ratio Lower Upper
142 100
141 88.6 71.6 107.4
116 4.5 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.996 min Scan# 1950

Delta R.T. -0.009 min

Lab File: BG057171.D

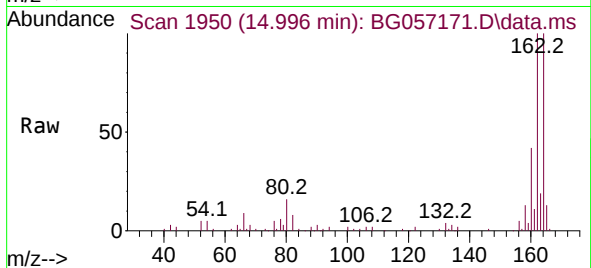
Acq: 25 Apr 2023 11:10

Instrument :

BNA_G

ClientSampleId :

PB152259BS



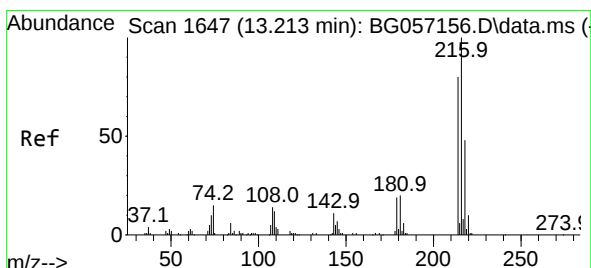
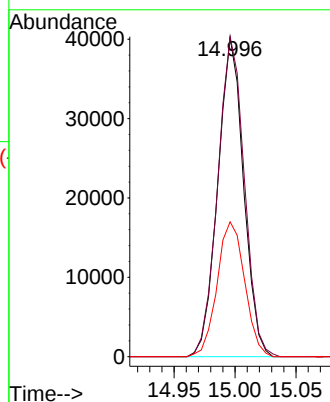
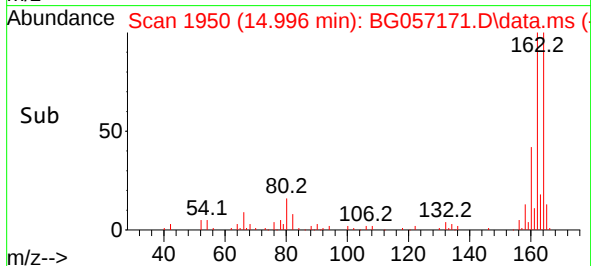
Tgt Ion:	164	Resp:	5894
Ion Ratio	Lower	Upper	
164	100		
162	100.3	82.4	123.6
160	42.3	36.2	54.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/26/2023

Supervised By :Jagrut Upadhyay 04/26/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.555 ng

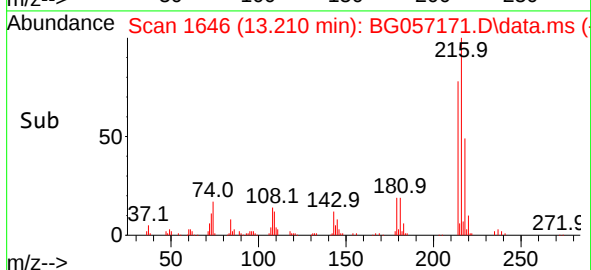
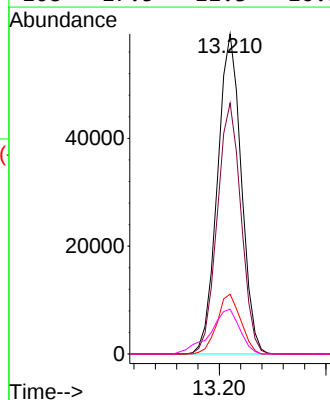
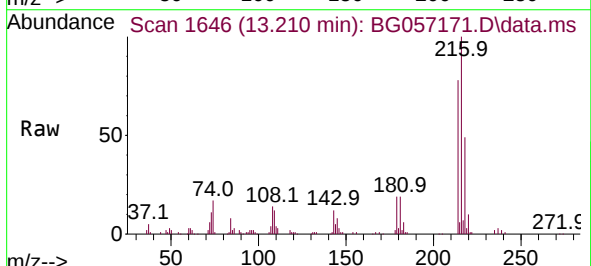
RT: 13.210 min Scan# 1646

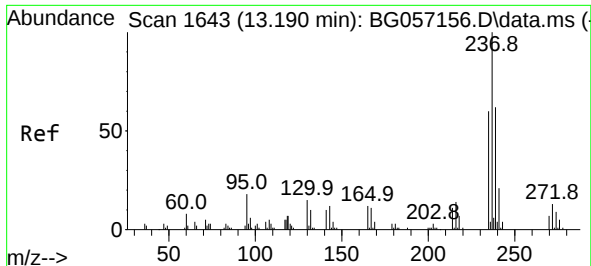
Delta R.T. -0.003 min

Lab File: BG057171.D

Acq: 25 Apr 2023 11:10

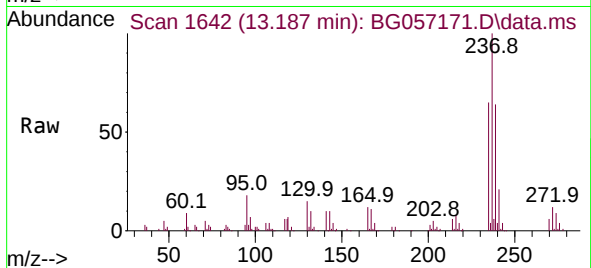
Tgt Ion:	216	Resp:	91778
Ion Ratio	Lower	Upper	
216	100		
214	78.4	62.3	93.5
179	18.5	14.8	22.2
108	17.5	11.3	16.9





#41
Hexachlorocyclopentadiene
Concen: 104.141 ng
RT: 13.187 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

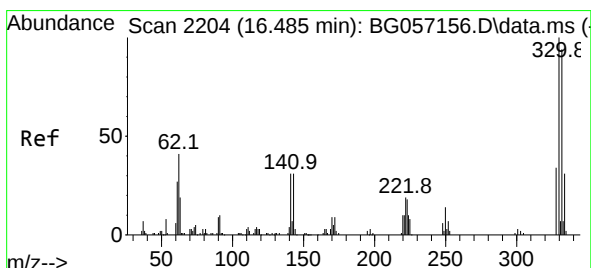
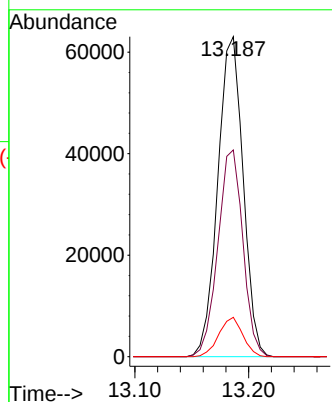
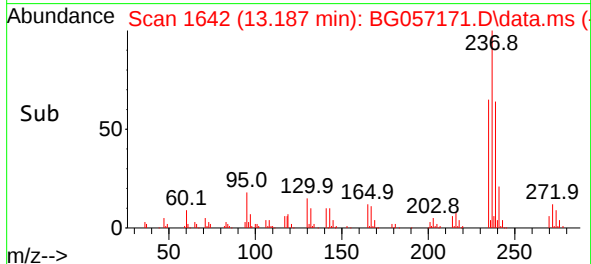
Instrument :
BNA_G
ClientSampleId :
PB152259BS



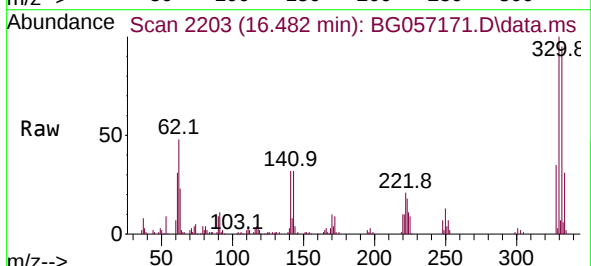
Tgt Ion:237 Resp: 9745
Ion Ratio Lower Upper
237 100
235 64.6 39.7 79.7
272 12.3 0.0 32.6

Manual Integrations
APPROVED

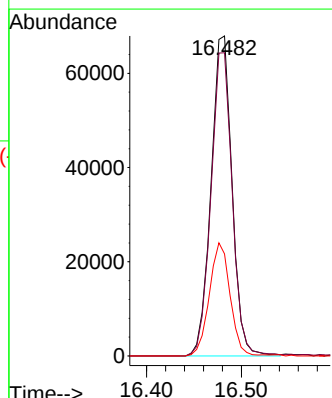
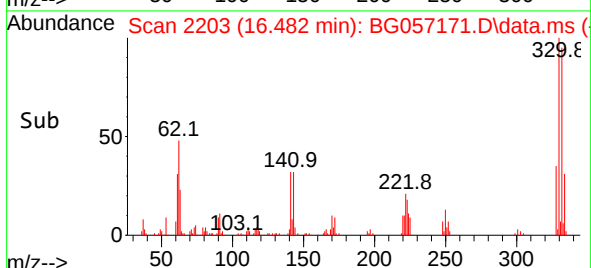
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

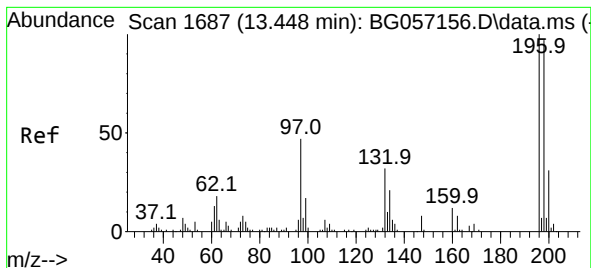


#42
2,4,6-Tribromophenol
Concen: 134.292 ng
RT: 16.482 min Scan# 2203
Delta R.T. -0.003 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10



Tgt Ion:330 Resp: 104436
Ion Ratio Lower Upper
330 100
332 96.0 77.6 116.4
141 35.2 26.0 39.0





#43

2,4,6-Trichlorophenol

Concen: 47.668 ng

RT: 13.439 min Scan# 1

Delta R.T. -0.009 min

Lab File: BG057171.D

Acq: 25 Apr 2023 11:10

Instrument :

BNA_G

ClientSampleId :

PB152259BS

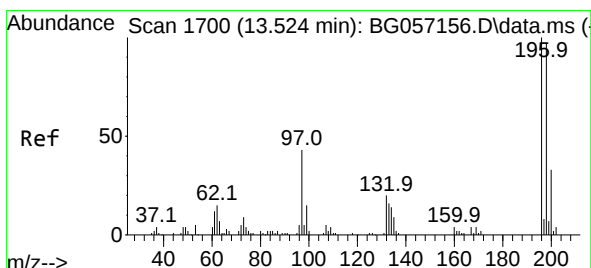
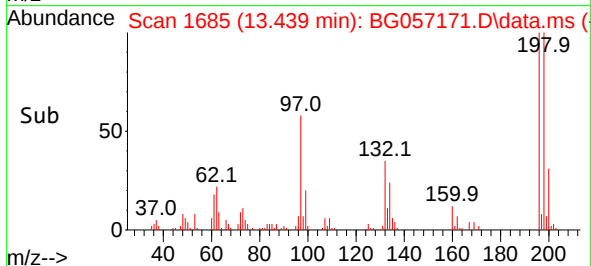
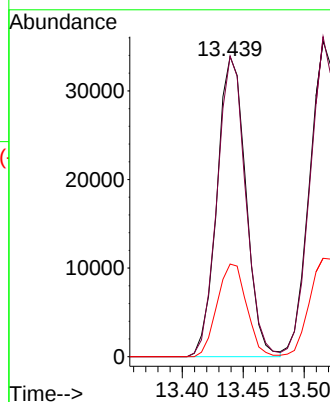
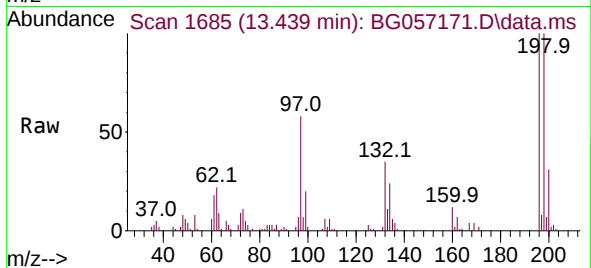
Tgt Ion:196 Resp: 5565
 Ion Ratio Lower Upper
 196 100
 198 100.1 77.5 116.3
 200 30.9 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/26/2023

Supervised By :Jagrut Upadhyay 04/26/2023



#44

2,4,5-Trichlorophenol

Concen: 42.517 ng

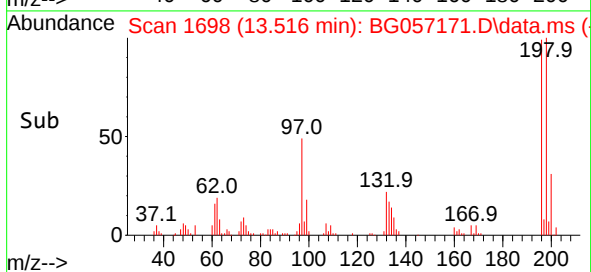
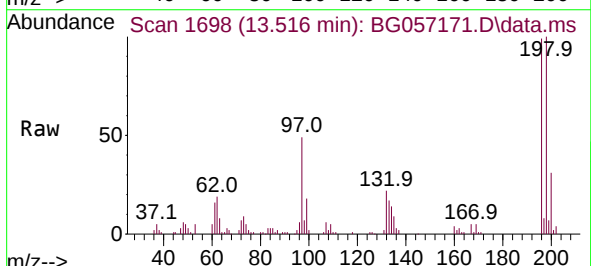
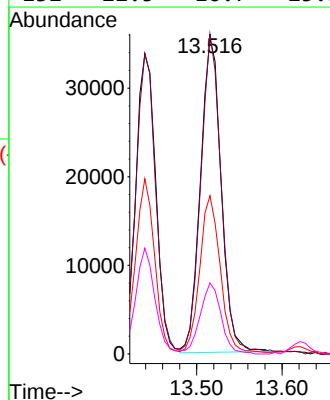
RT: 13.516 min Scan# 1698

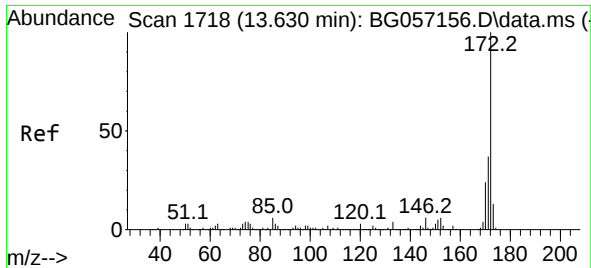
Delta R.T. -0.009 min

Lab File: BG057171.D

Acq: 25 Apr 2023 11:10

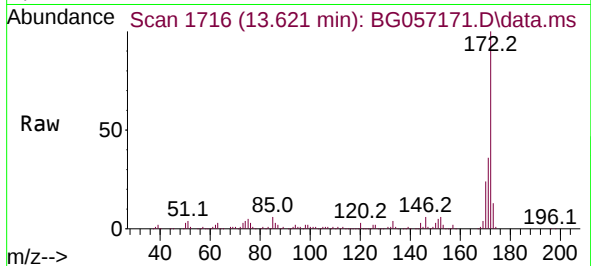
Tgt Ion:196 Resp: 59932
 Ion Ratio Lower Upper
 196 100
 198 101.4 78.4 117.6
 97 50.1 34.6 51.8
 132 22.5 16.7 25.1





#45
2-Fluorobiphenyl
Concen: 85.178 ng
RT: 13.621 min Scan# 1716
Delta R.T. -0.009 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

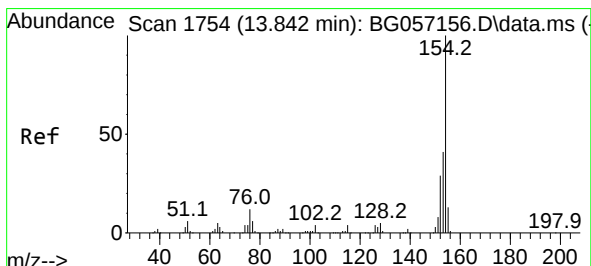
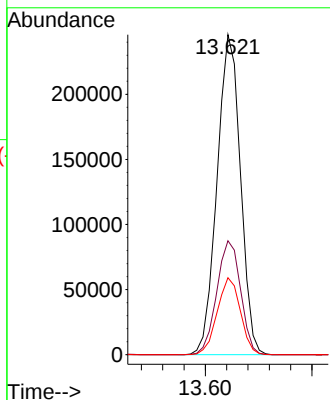
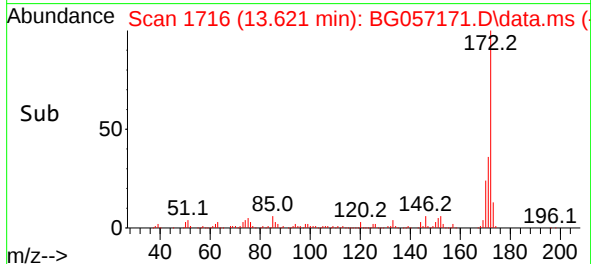
Instrument :
BNA_G
ClientSampleId :
PB152259BS



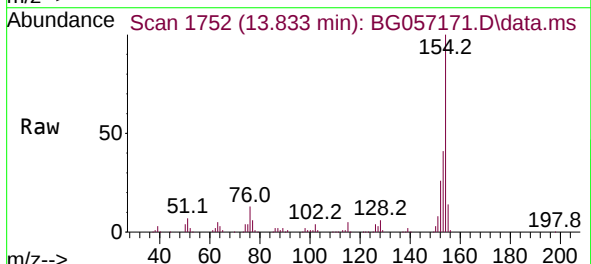
Tgt Ion:172 Resp: 373569
Ion Ratio Lower Upper
172 100
171 35.6 29.2 43.8
170 24.1 19.4 29.2

Manual Integrations
APPROVED

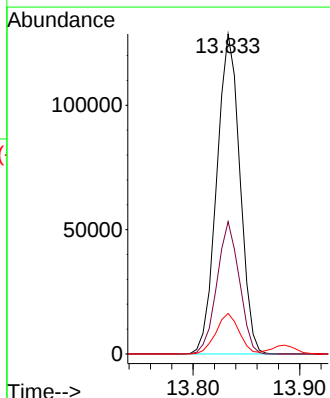
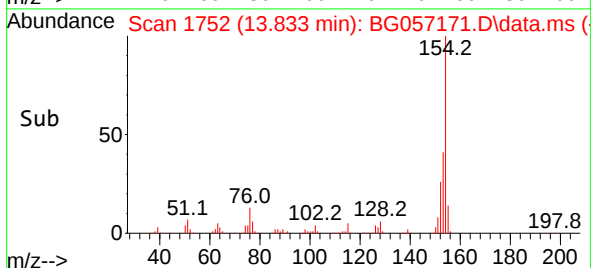
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

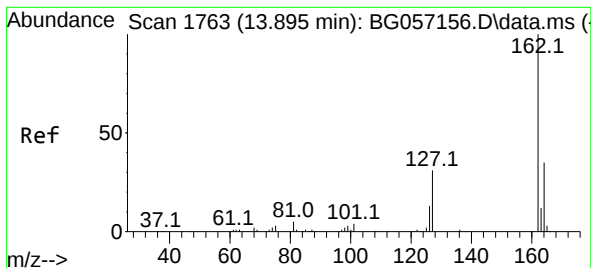


#46
1,1'-Biphenyl
Concen: 44.108 ng
RT: 13.833 min Scan# 1752
Delta R.T. -0.009 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10



Tgt Ion:154 Resp: 193784
Ion Ratio Lower Upper
154 100
153 41.3 20.9 60.9
76 12.7 0.0 32.3





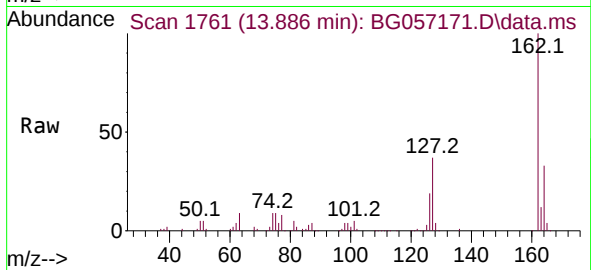
#47
2-Chloronaphthalene
Concen: 43.360 ng
RT: 13.886 min Scan# 1761
Delta R.T. -0.009 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

Instrument :

BNA_G

ClientSampleId :

PB152259BS

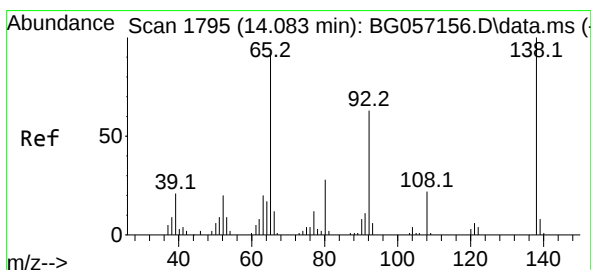
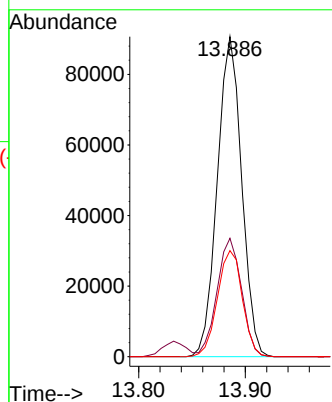
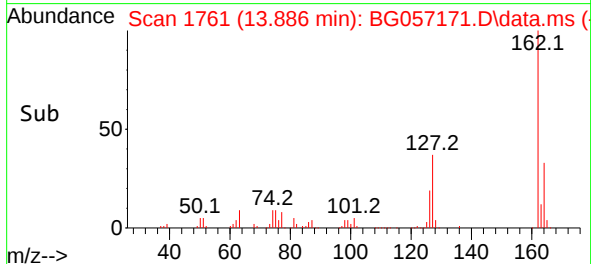


Tgt Ion:162 Resp: 143775
Ion Ratio Lower Upper
162 100
127 37.0 28.7 43.1
164 33.2 27.8 41.6

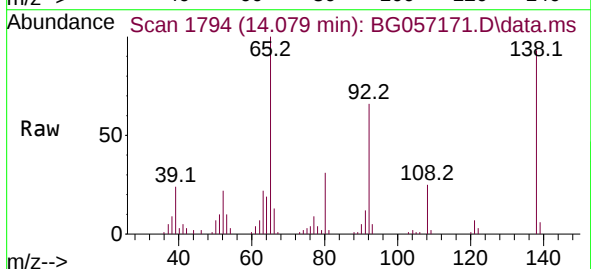
Manual Integrations

APPROVED

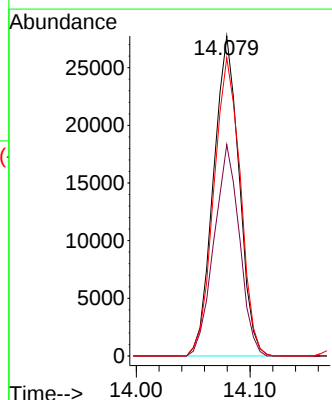
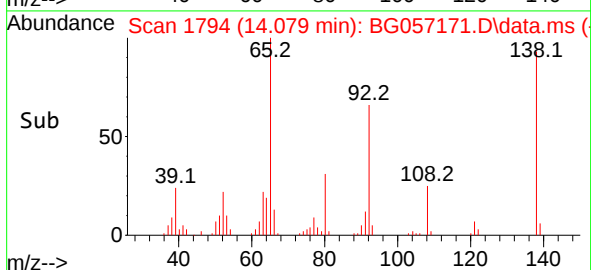
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

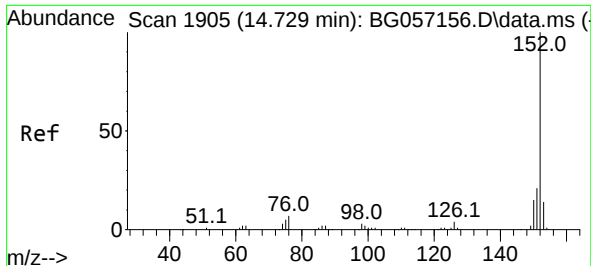


#48
2-Nitroaniline
Concen: 51.968 ng
RT: 14.079 min Scan# 1794
Delta R.T. -0.004 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10



Tgt Ion: 65 Resp: 43410
Ion Ratio Lower Upper
65 100
92 66.1 54.9 82.3
138 93.2 86.6 129.8





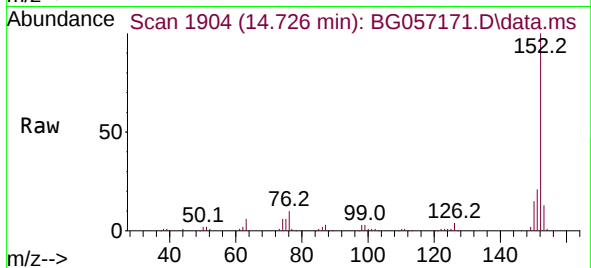
#49
Acenaphthylene
Concen: 43.589 ng
RT: 14.726 min Scan# 1904
Delta R.T. -0.003 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

Instrument :

BNA_G

ClientSampleId :

PB152259BS

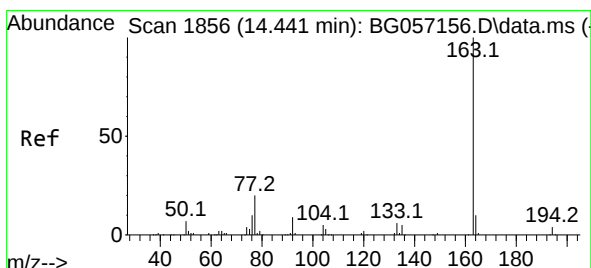
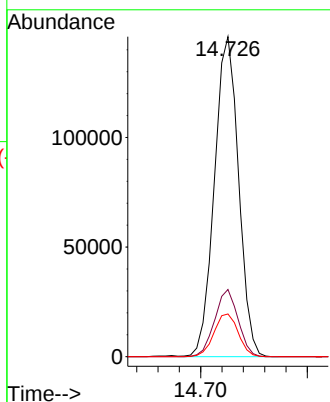
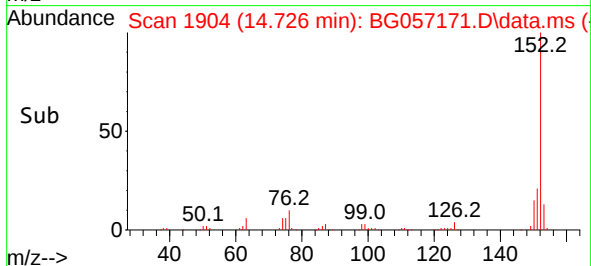


Tgt Ion:152 Resp: 229440
Ion Ratio Lower Upper
152 100
151 21.0 16.9 25.3
153 13.3 11.0 16.6

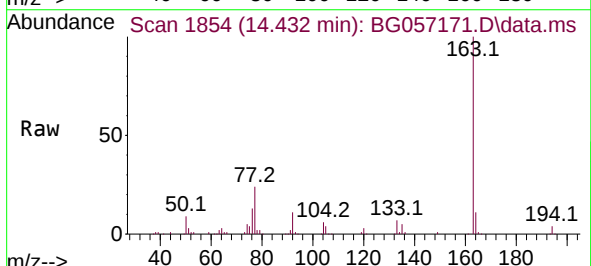
Manual Integrations

APPROVED

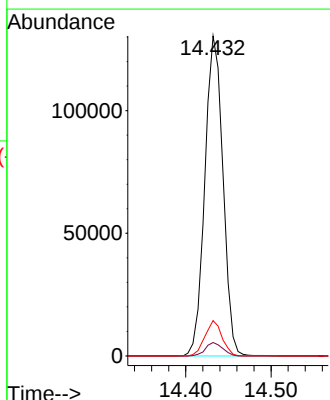
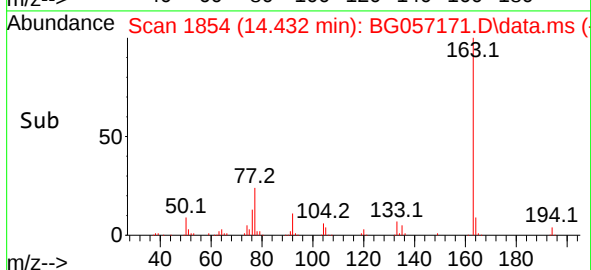
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

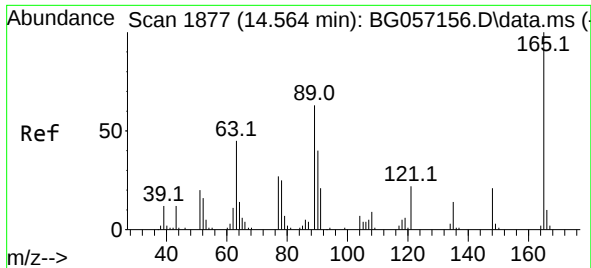


#50
Dimethylphthalate
Concen: 46.546 ng
RT: 14.432 min Scan# 1854
Delta R.T. -0.009 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10



Tgt Ion:163 Resp: 192544
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 11.1 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 47.427 ng
RT: 14.561 min Scan# 1877
Delta R.T. -0.003 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

Instrument :

BNA_G

ClientSampleId :

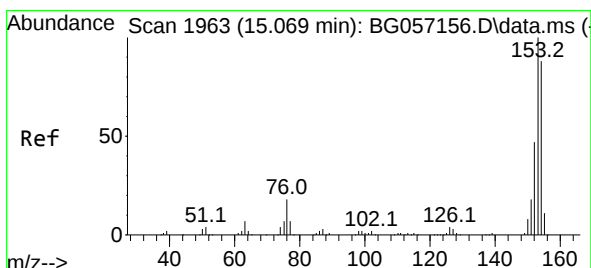
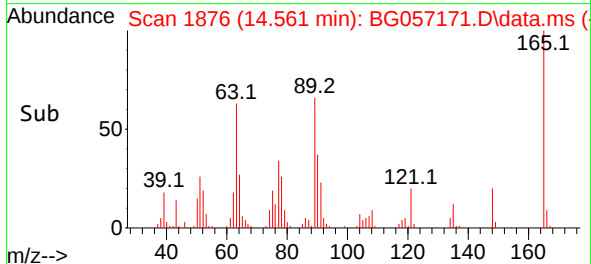
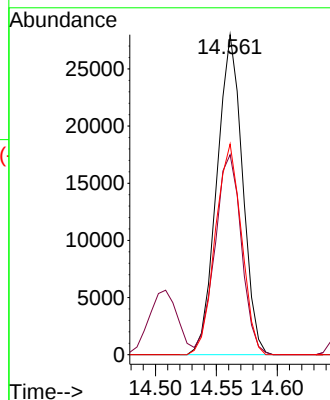
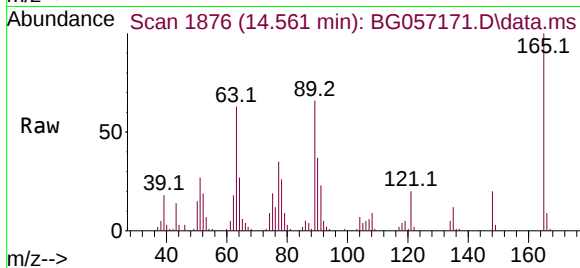
PB152259BS

Tgt Ion:165 Resp: 4095
Ion Ratio Lower Upper
165 100
63 62.5 45.5 68.3
89 65.8 50.1 75.1

Manual Integrations

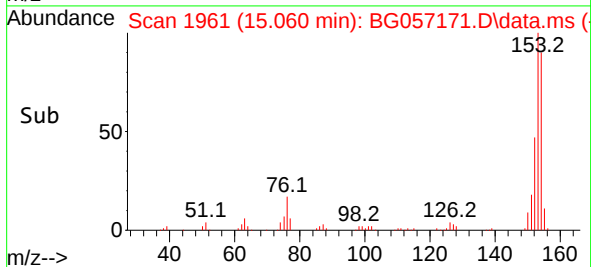
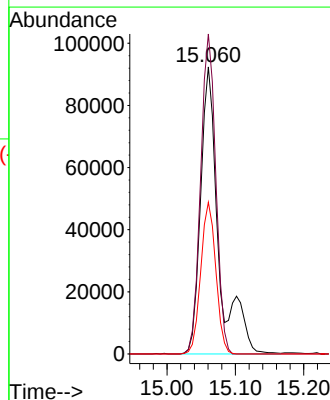
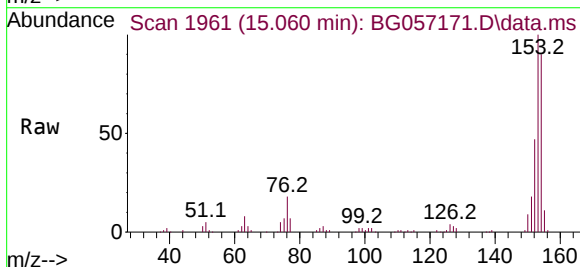
APPROVED

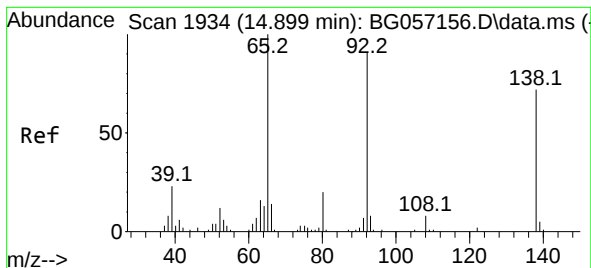
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#52
Acenaphthene
Concen: 49.718 ng m
RT: 15.060 min Scan# 1961
Delta R.T. -0.009 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

Tgt Ion:154 Resp: 170987
Ion Ratio Lower Upper
154 100
153 111.5 91.0 136.4
152 52.8 43.0 64.6





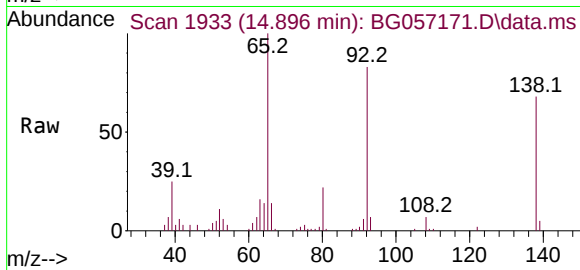
#53
3-Nitroaniline
Concen: 34.667 ng
RT: 14.896 min Scan# 1933
Delta R.T. -0.003 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

Instrument :

BNA_G

ClientSampleId :

PB152259BS

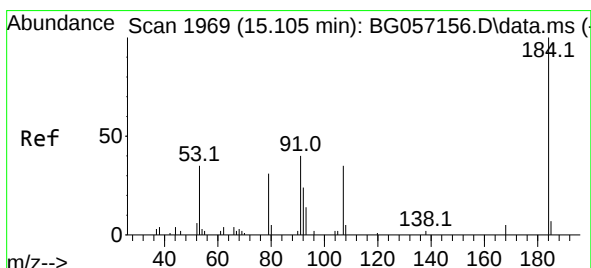
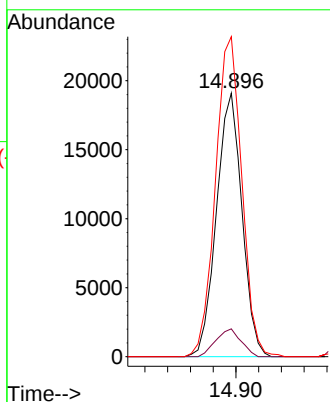
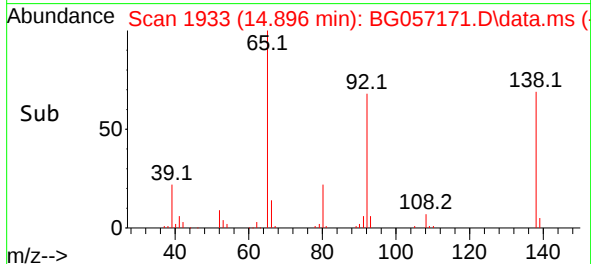


Tgt Ion:138 Resp: 29724
Ion Ratio Lower Upper
138 100
108 10.6 8.8 13.2
92 121.4 101.4 152.2

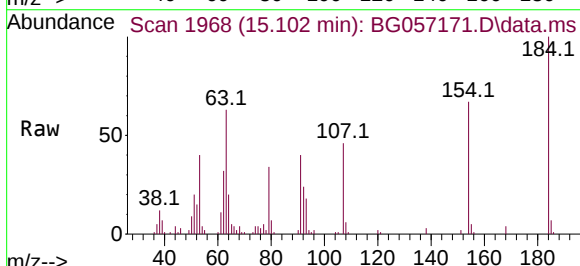
Manual Integrations

APPROVED

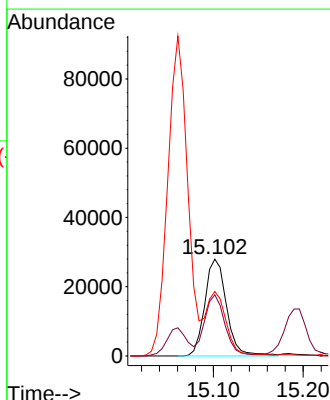
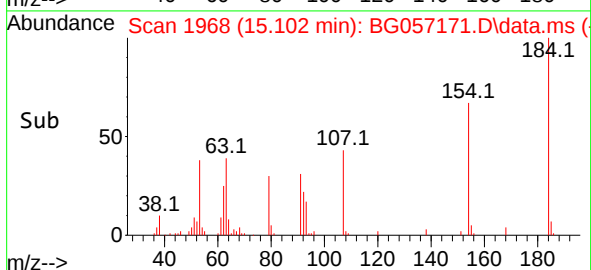
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

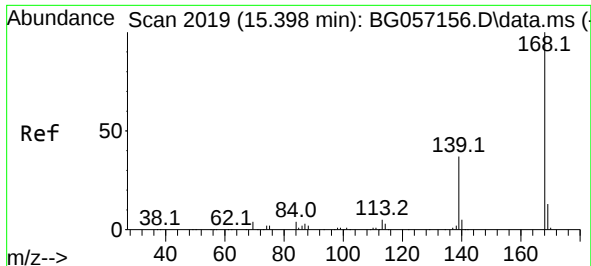


#54
2,4-Dinitrophenol
Concen: 94.905 ng
RT: 15.102 min Scan# 1968
Delta R.T. -0.003 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10



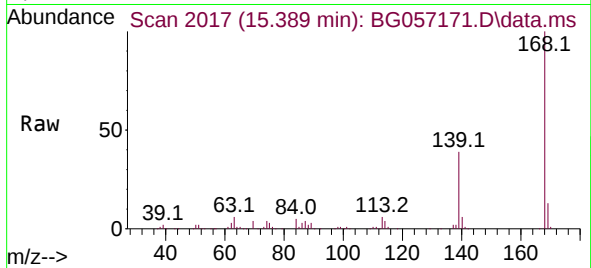
Tgt Ion:184 Resp: 47090
Ion Ratio Lower Upper
184 100
63 63.2 43.4 65.0
154 66.5 45.2 67.8





#55
Dibenzofuran
Concen: 41.632 ng
RT: 15.389 min Scan# 2019
Delta R.T. -0.009 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

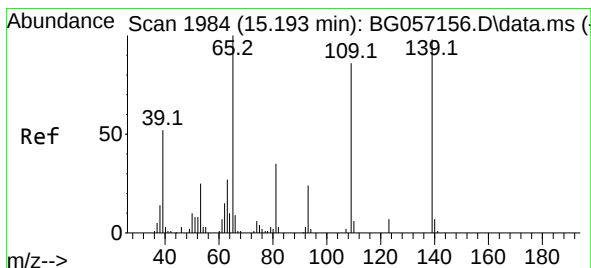
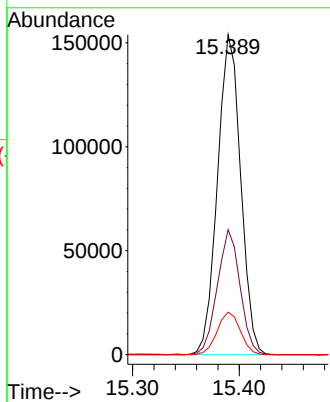
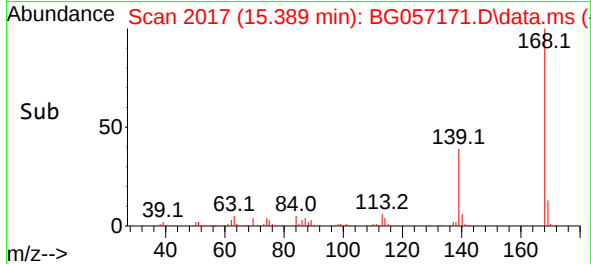
Instrument :
BNA_G
ClientSampleId :
PB152259BS



Tgt Ion:168 Resp: 231992
Ion Ratio Lower Upper
168 100
139 39.0 29.2 43.8
169 13.3 10.6 15.8

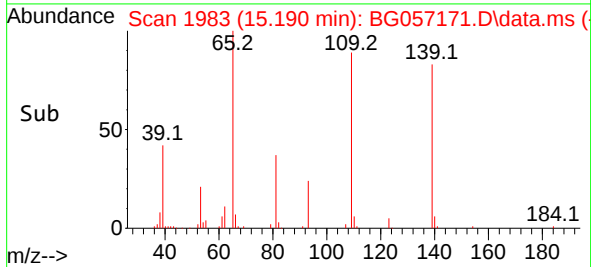
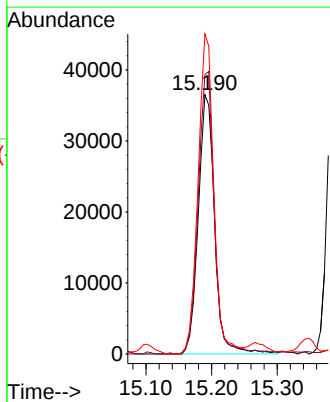
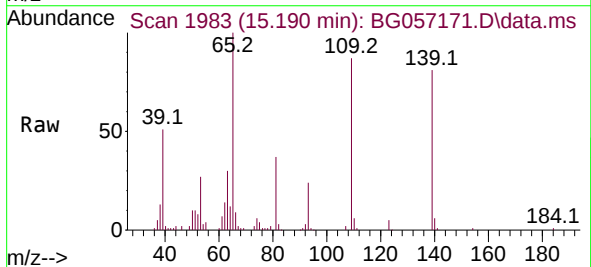
Manual Integrations
APPROVED

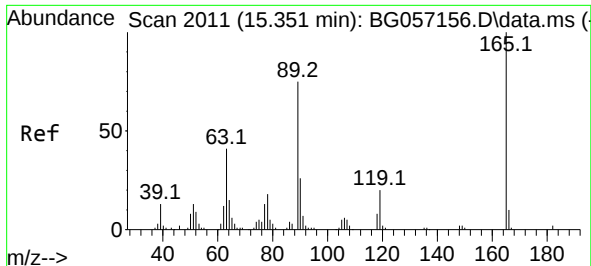
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#56
4-Nitrophenol
Concen: 105.305 ng
RT: 15.190 min Scan# 1983
Delta R.T. -0.003 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

Tgt Ion:139 Resp: 63553
Ion Ratio Lower Upper
139 100
109 107.8 67.3 107.3#
65 123.4 82.0 122.0#





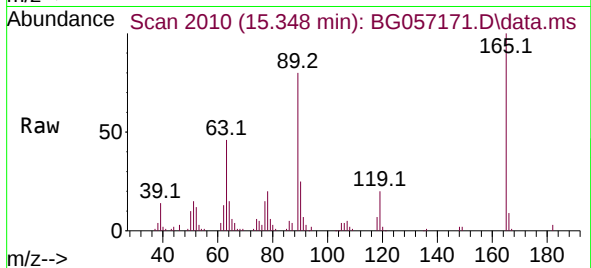
#57
2,4-Dinitrotoluene
Concen: 50.205 ng
RT: 15.348 min Scan# 2011
Delta R.T. -0.003 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

Instrument :

BNA_G

ClientSampleId :

PB152259BS

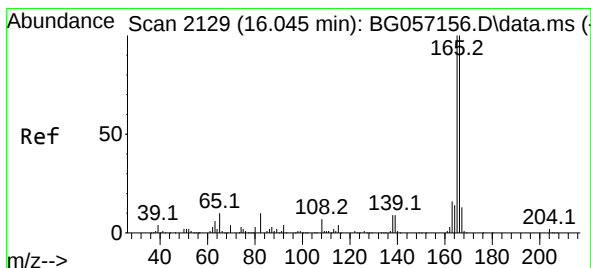
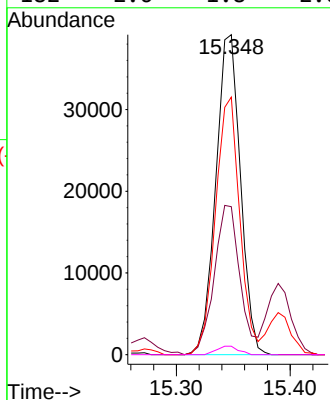
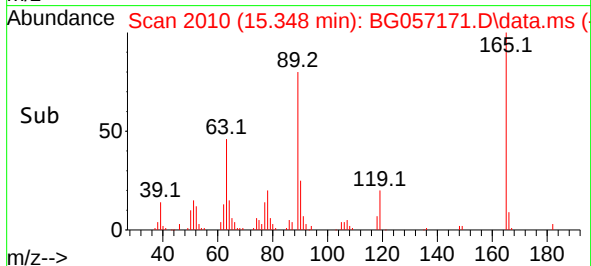


Tgt Ion:165 Resp: 59039
Ion Ratio Lower Upper
165 100
63 46.3 33.0 49.4
89 80.5 60.0 90.0
182 2.6 1.8 2.6#

Manual Integrations

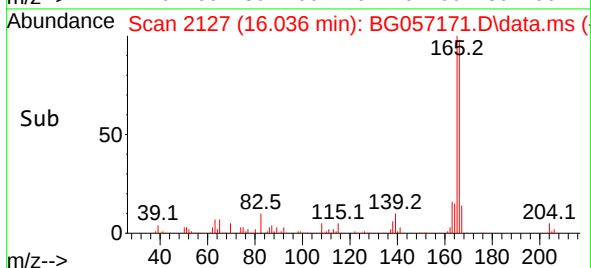
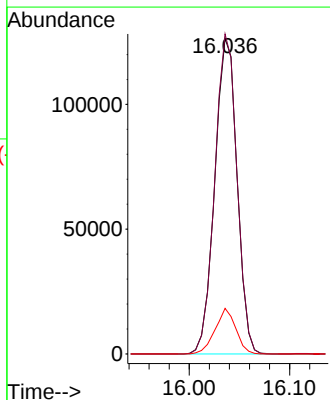
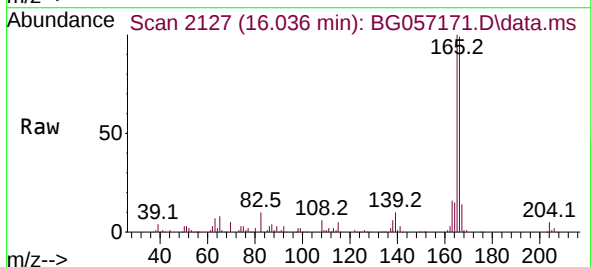
APPROVED

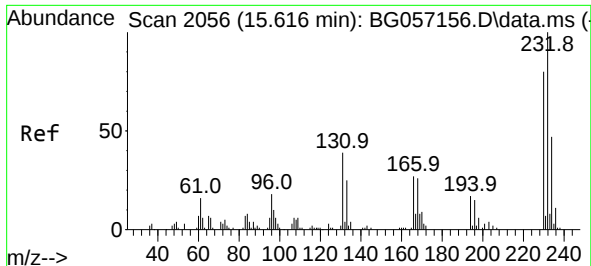
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#58
Fluorene
Concen: 43.411 ng
RT: 16.036 min Scan# 2127
Delta R.T. -0.009 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

Tgt Ion:166 Resp: 194759
Ion Ratio Lower Upper
166 100
165 101.4 79.8 119.6
167 14.5 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.202 ng
RT: 15.613 min Scan# 2055
Delta R.T. -0.003 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

Instrument :

BNA_G

ClientSampleId :

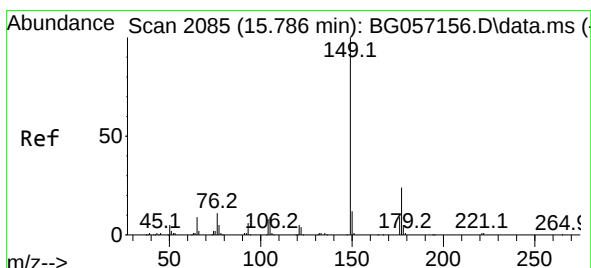
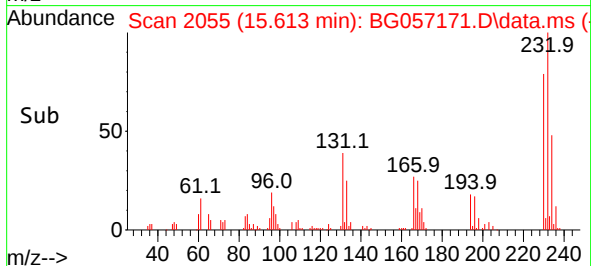
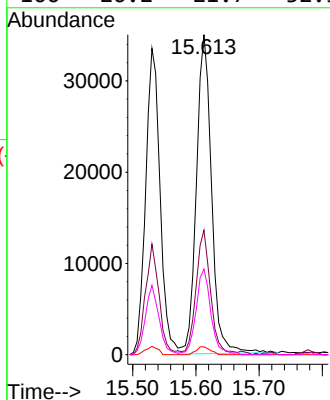
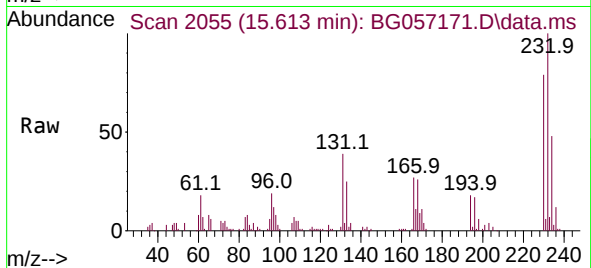
PB152259BS

Tgt Ion:232 Resp: 5820
Ion Ratio Lower Upper
232 100
131 35.6 30.8 46.2
130 2.3 1.6 2.4
166 26.2 21.7 32.5

Manual Integrations

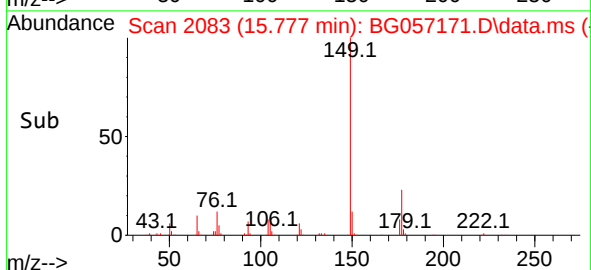
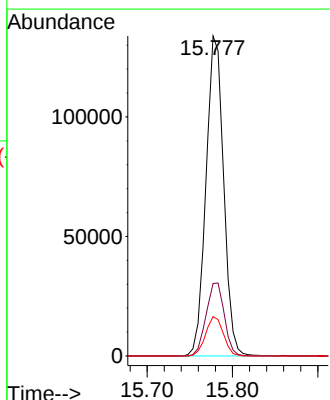
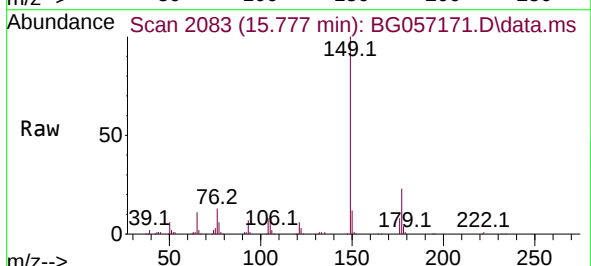
APPROVED

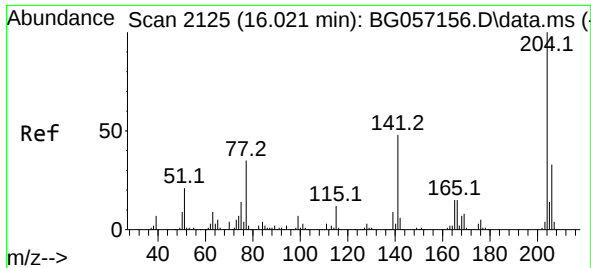
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#60
Diethylphthalate
Concen: 48.187 ng
RT: 15.777 min Scan# 2083
Delta R.T. -0.009 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

Tgt Ion:149 Resp: 192141
Ion Ratio Lower Upper
149 100
177 22.6 19.0 28.4
150 12.3 9.8 14.8





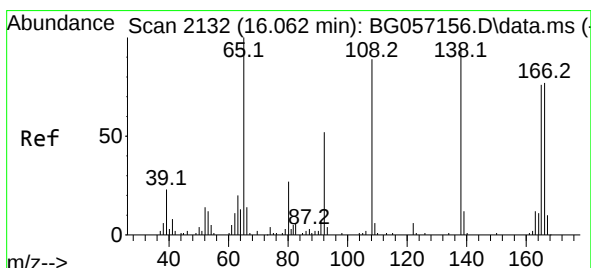
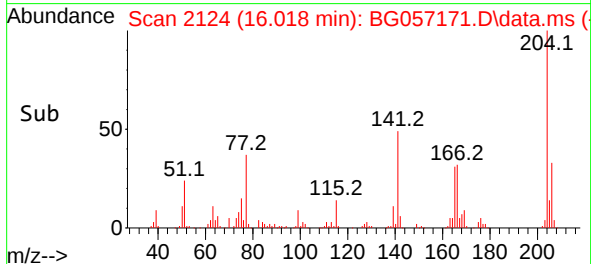
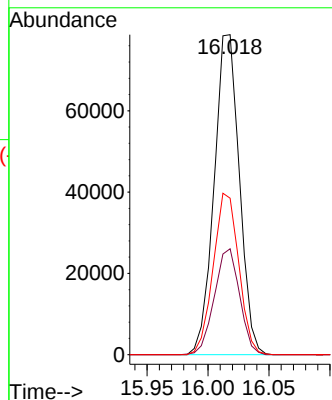
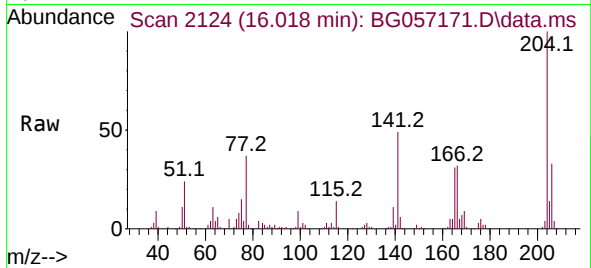
#61
4-Chlorophenyl-phenylether
Concen: 42.127 ng
RT: 16.018 min Scan# 2118
Delta R.T. -0.003 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

Instrument :
BNA_G
ClientSampleId :
PB152259BS

Tgt Ion:204 Resp: 113430
Ion Ratio Lower Upper
204 100
206 33.1 26.3 39.5
141 48.9 38.6 57.8

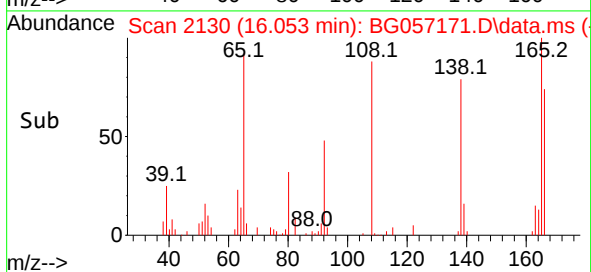
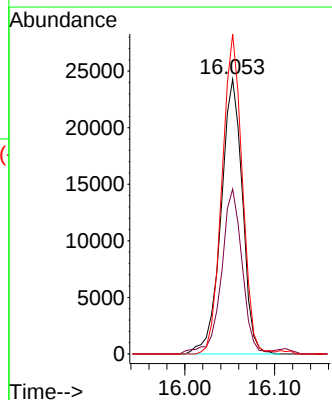
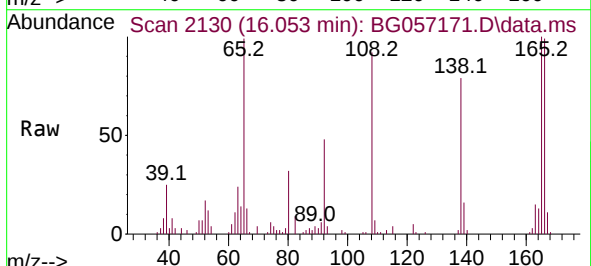
Manual Integrations
APPROVED

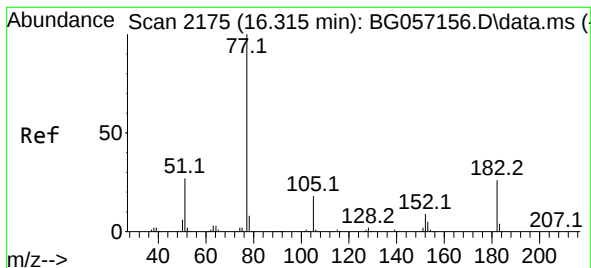
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#62
4-Nitroaniline
Concen: 46.503 ng
RT: 16.053 min Scan# 2130
Delta R.T. -0.009 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

Tgt Ion:138 Resp: 40149
Ion Ratio Lower Upper
138 100
92 60.1 34.9 74.9
108 116.5 73.0 113.0#





#63

Azobenzene

Concen: 48.175 ng

RT: 16.306 min Scan# 2175

Delta R.T. -0.009 min

Lab File: BG057171.D

Acq: 25 Apr 2023 11:10

Instrument :

BNA_G

ClientSampleId :

PB152259BS

Tgt Ion: 77 Resp: 20434

Ion Ratio Lower Upper

77 100

182 24.1 6.1 46.1

105 16.8 0.0 38.4

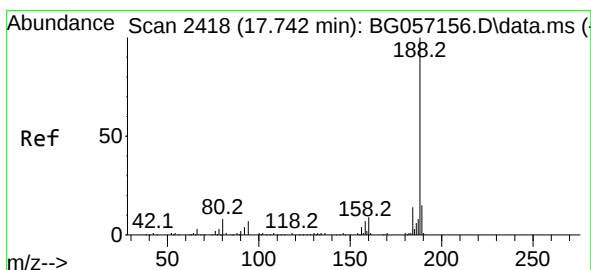
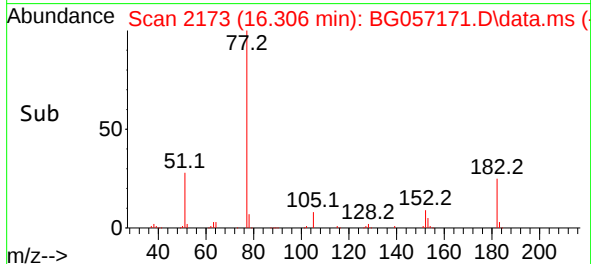
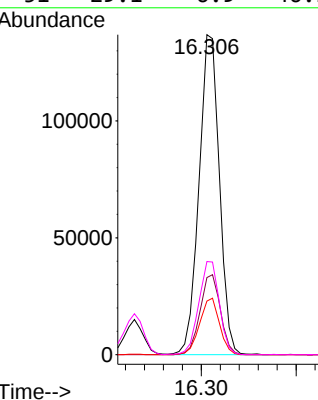
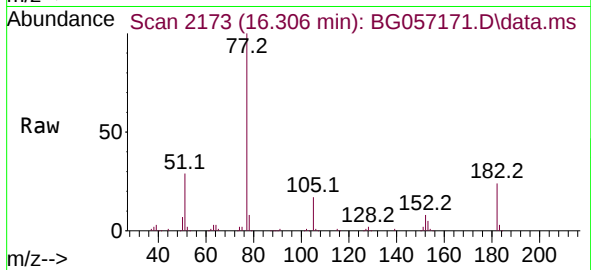
51 29.1 6.9 46.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/26/2023

Supervised By :Jagrut Upadhyay 04/26/2023



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.733 min Scan# 2416

Delta R.T. -0.009 min

Lab File: BG057171.D

Acq: 25 Apr 2023 11:10

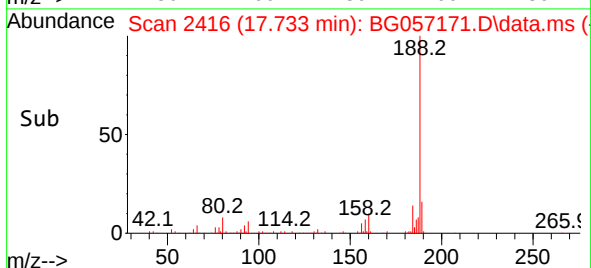
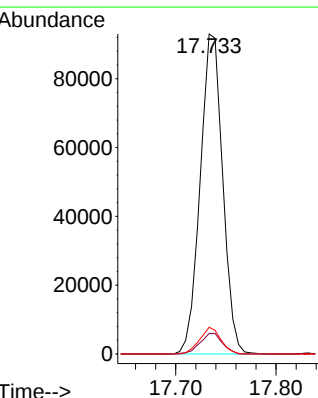
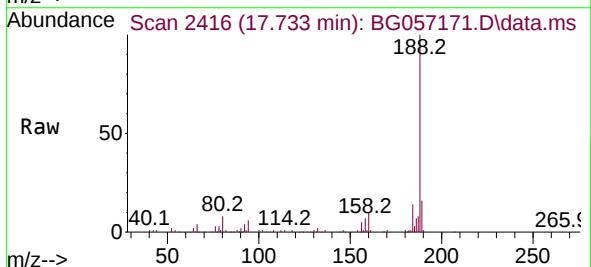
Tgt Ion:188 Resp: 144884

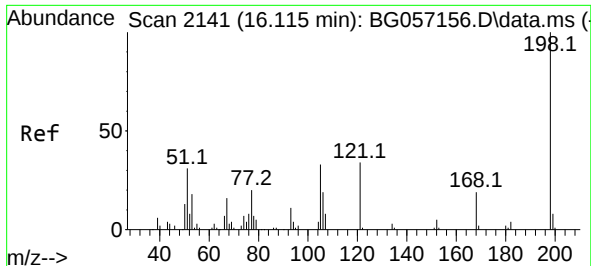
Ion Ratio Lower Upper

188 100

94 6.4 5.4 8.0

80 8.4 6.2 9.2





#65

4,6-Dinitro-2-methylphenol

Concen: 46.868 ng

RT: 16.112 min Scan# 2141

Delta R.T. -0.003 min

Lab File: BG057171.D

Acq: 25 Apr 2023 11:10

Instrument :

BNA_G

ClientSampleId :

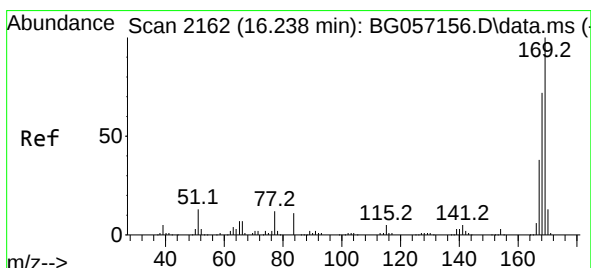
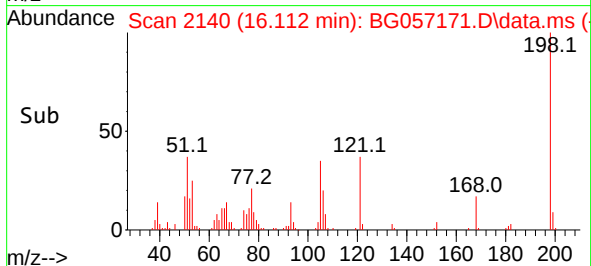
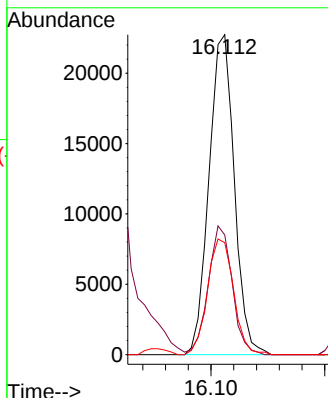
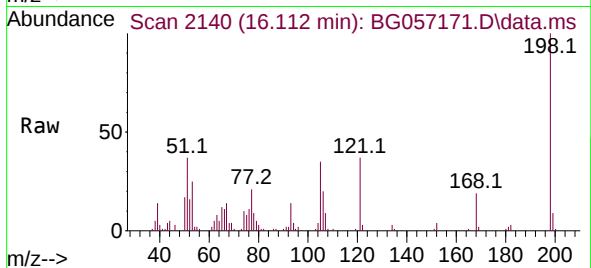
PB152259BS

Tgt Ion:198 Resp: 3514
 Ion Ratio Lower Upper
 198 100
 51 37.4 13.1 53.1
 105 35.0 14.1 54.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/26/2023
 Supervised By :Jagrut Upadhyay 04/26/2023



#66

n-Nitrosodiphenylamine

Concen: 44.946 ng

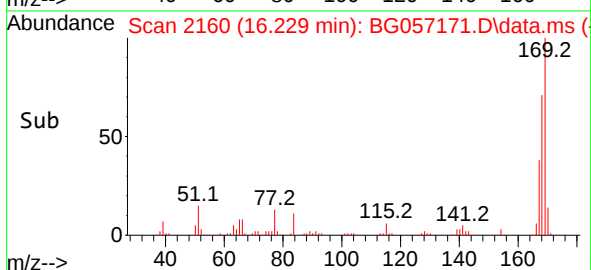
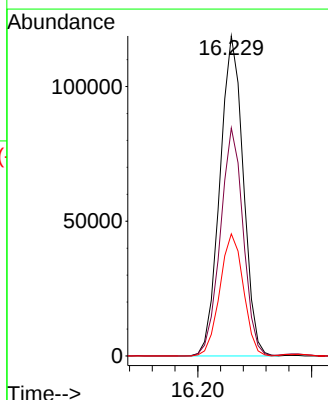
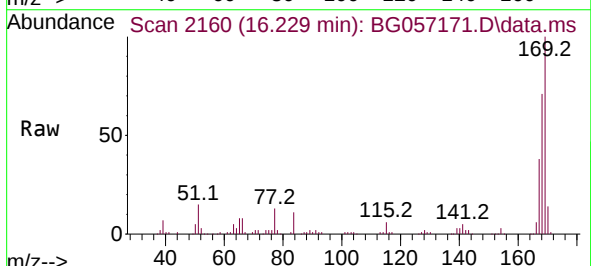
RT: 16.229 min Scan# 2160

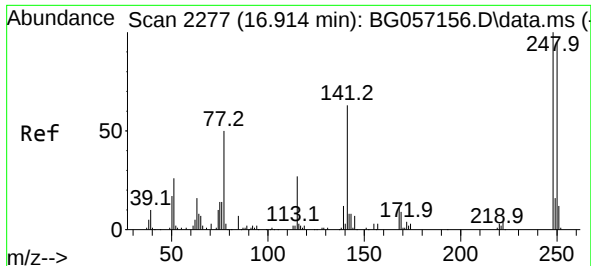
Delta R.T. -0.009 min

Lab File: BG057171.D

Acq: 25 Apr 2023 11:10

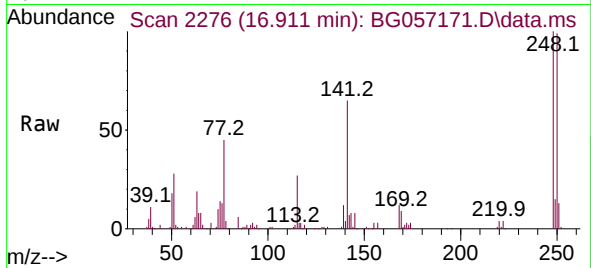
Tgt Ion:169 Resp: 169917
 Ion Ratio Lower Upper
 169 100
 168 71.3 57.8 86.6
 167 38.1 30.5 45.7





#67
4-Bromophenyl-phenylether
Concen: 42.011 ng
RT: 16.911 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

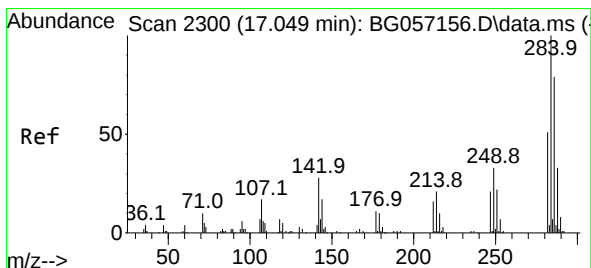
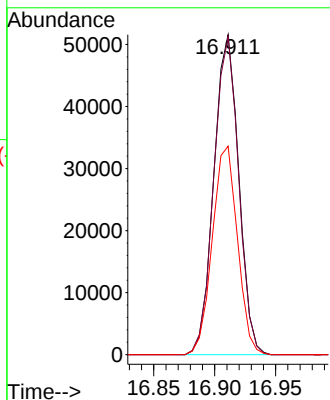
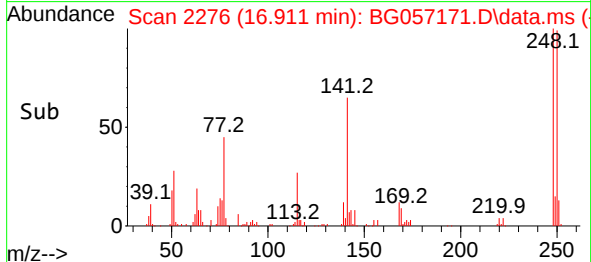
Instrument :
BNA_G
ClientSampleId :
PB152259BS



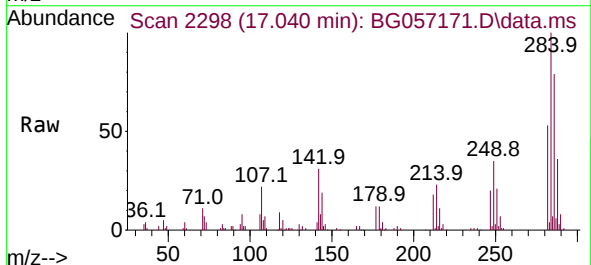
Tgt Ion:248 Resp: 73198
Ion Ratio Lower Upper
248 100
250 99.4 75.8 113.8
141 65.2 50.1 75.1

Manual Integrations
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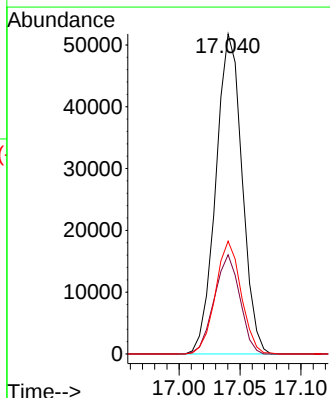
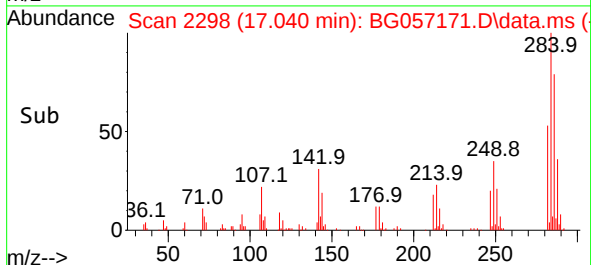
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

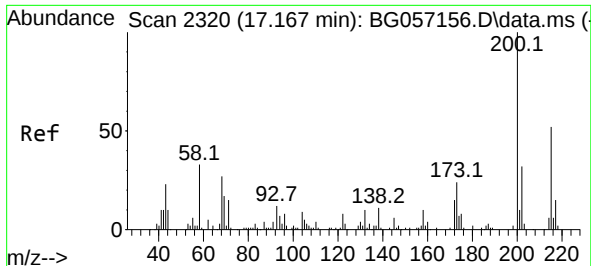


#68
Hexachlorobenzene
Concen: 43.394 ng
RT: 17.040 min Scan# 2298
Delta R.T. -0.009 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10



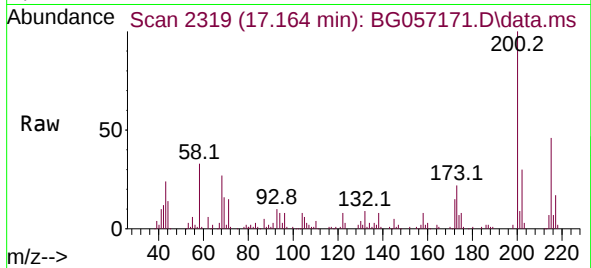
Tgt Ion:284 Resp: 77550
Ion Ratio Lower Upper
284 100
142 31.0 22.6 33.8
249 35.2 26.6 40.0





#69
Atrazine
Concen: 57.073 ng
RT: 17.164 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

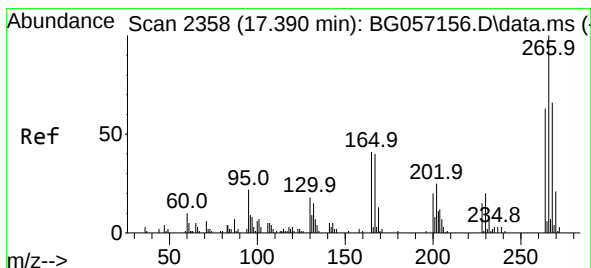
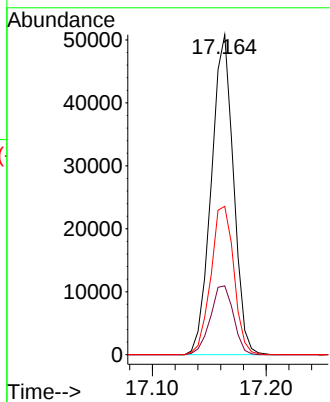
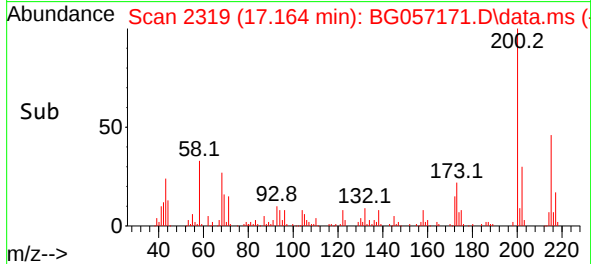
Instrument :
BNA_G
ClientSampleId :
PB152259BS



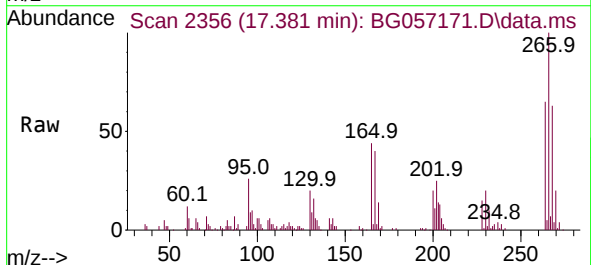
Tgt Ion:200 Resp: 68914
Ion Ratio Lower Upper
200 100
173 21.5 4.2 44.2
215 46.4 31.8 71.8

Manual Integrations
APPROVED

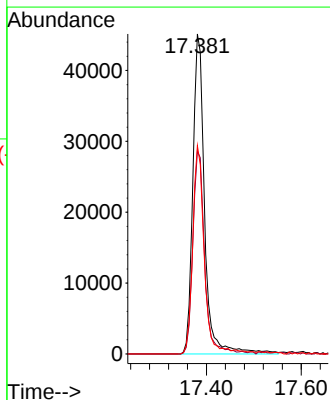
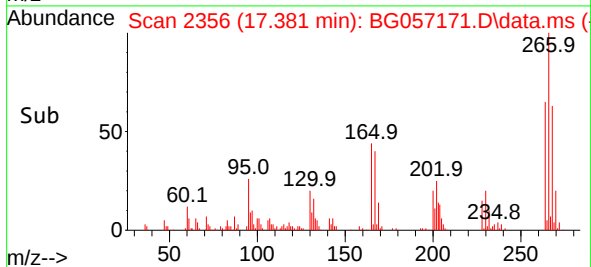
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

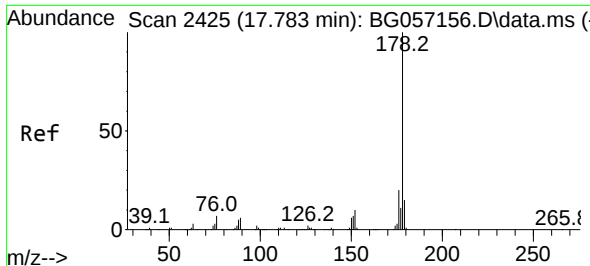


#70
Pentachlorophenol
Concen: 92.770 ng
RT: 17.381 min Scan# 2356
Delta R.T. -0.009 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10



Tgt Ion:266 Resp: 77914
Ion Ratio Lower Upper
266 100
268 63.4 52.5 78.7
264 65.1 50.7 76.1





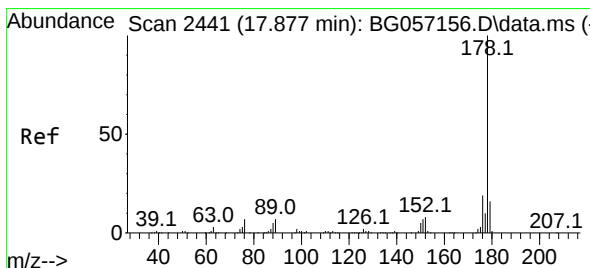
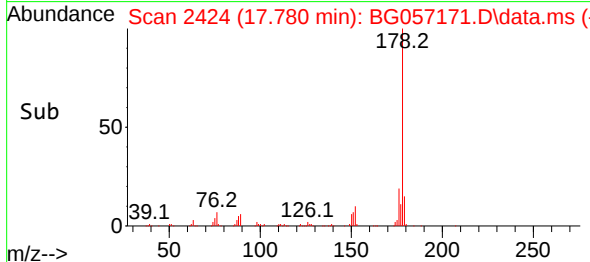
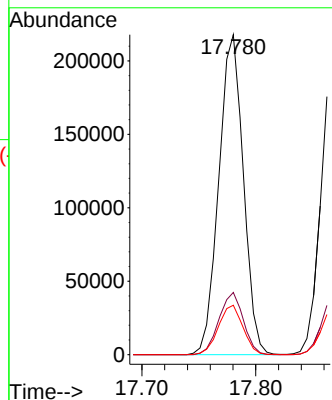
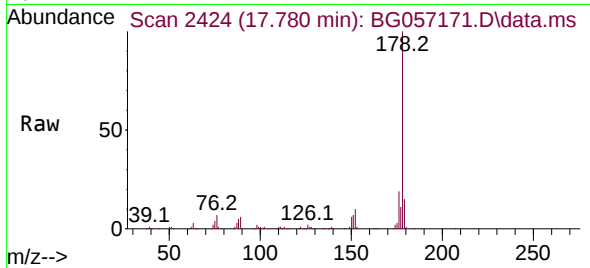
#71
Phenanthrene
Concen: 44.149 ng
RT: 17.780 min Scan# 2425
Delta R.T. -0.003 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

Instrument :
BNA_G
ClientSampleId :
PB152259BS

Tgt Ion:178 Resp: 326545
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 15.5 12.4 18.6

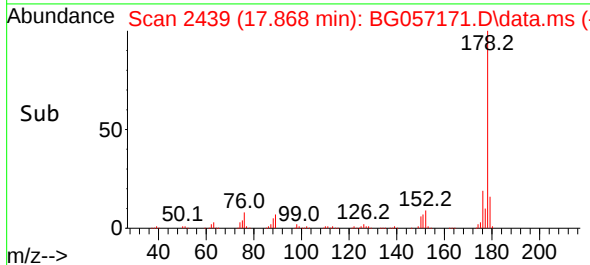
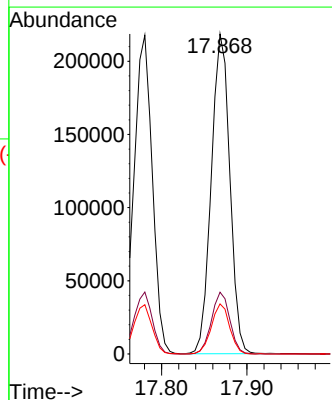
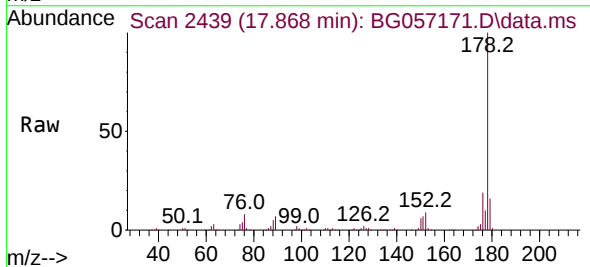
Manual Integrations
APPROVED

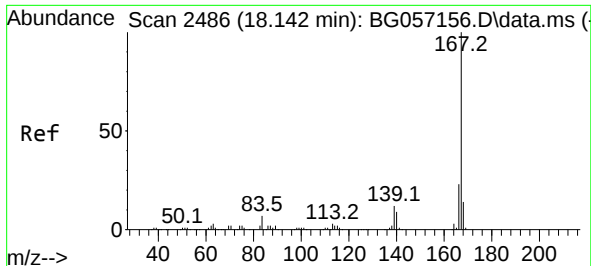
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#72
Anthracene
Concen: 44.037 ng
RT: 17.868 min Scan# 2439
Delta R.T. -0.009 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

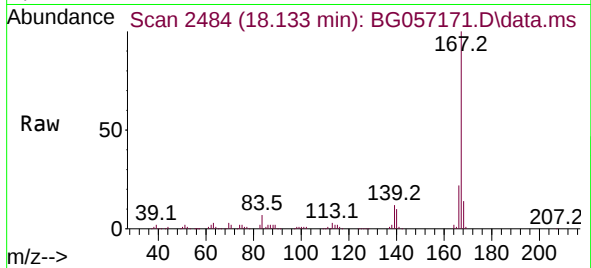
Tgt Ion:178 Resp: 329345
Ion Ratio Lower Upper
178 100
176 19.3 14.9 22.3
179 15.6 12.5 18.7





#73
Carbazole
Concen: 46.196 ng
RT: 18.133 min Scan# 2484
Delta R.T. -0.009 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

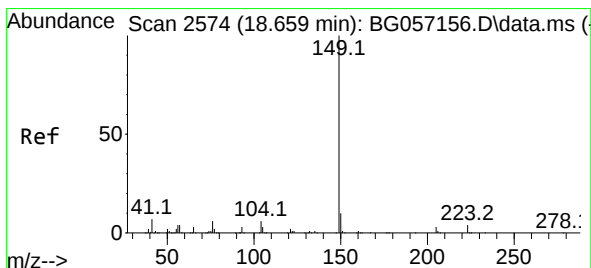
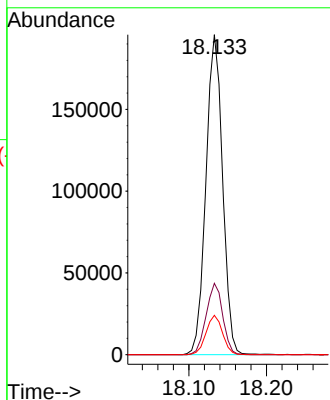
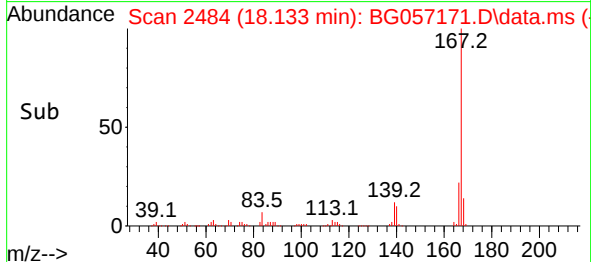
Instrument :
BNA_G
ClientSampleId :
PB152259BS



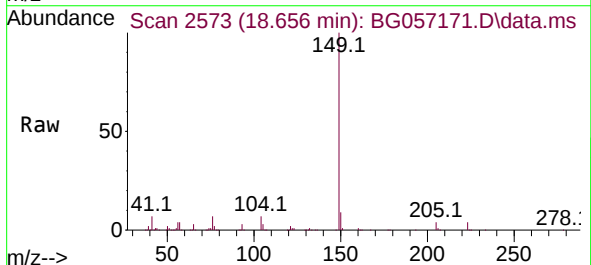
Tgt Ion:167 Resp: 291630
Ion Ratio Lower Upper
167 100
166 22.3 18.3 27.5
139 12.3 9.6 14.4

Manual Integrations
APPROVED

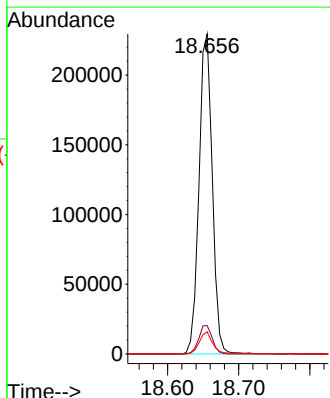
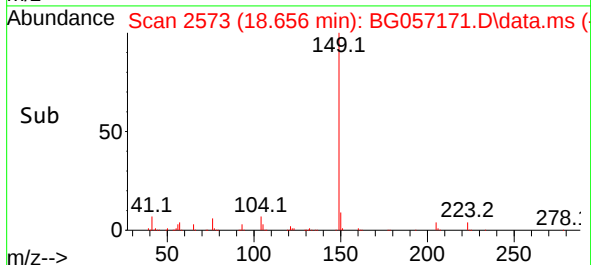
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

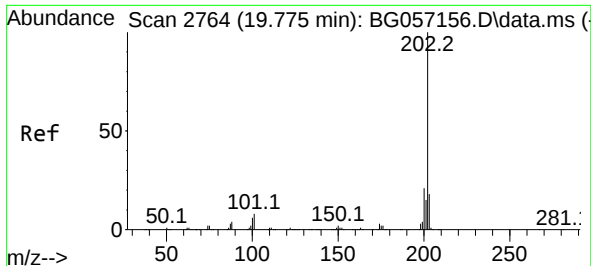


#74
Di-n-butylphthalate
Concen: 50.863 ng
RT: 18.656 min Scan# 2573
Delta R.T. -0.003 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10



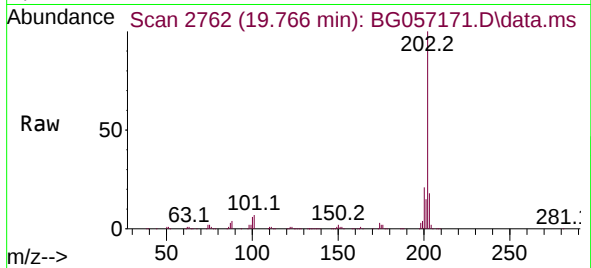
Tgt Ion:149 Resp: 298677
Ion Ratio Lower Upper
149 100
150 8.8 7.6 11.4
104 6.9 4.7 7.1





#75
Fluoranthene
Concen: 43.787 ng
RT: 19.766 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

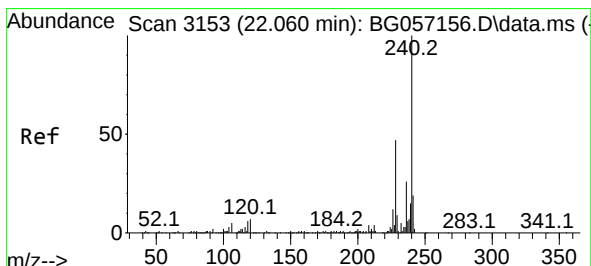
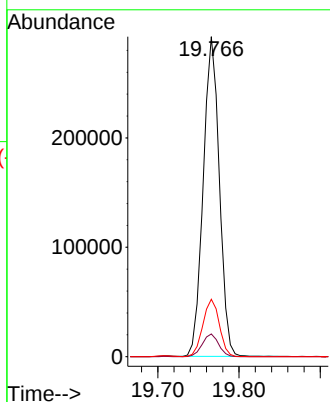
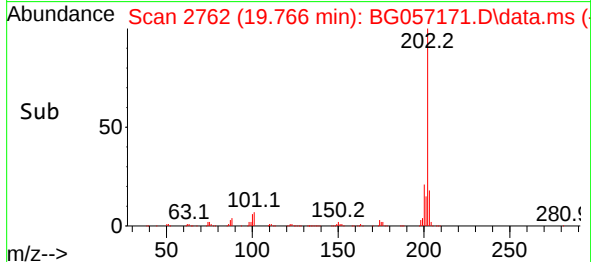
Instrument :
BNA_G
ClientSampleId :
PB152259BS



Tgt Ion:202 Resp: 402369
Ion Ratio Lower Upper
202 100
101 7.1 0.0 27.6
203 18.0 0.0 38.3

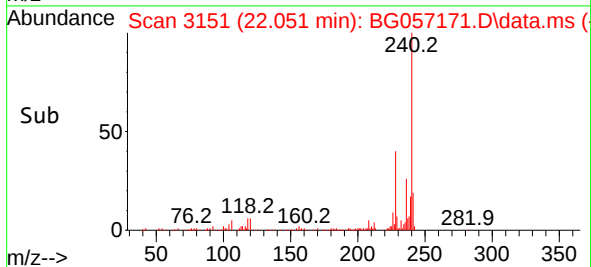
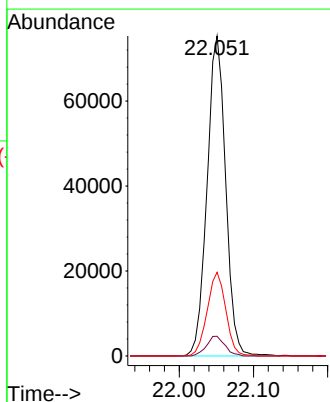
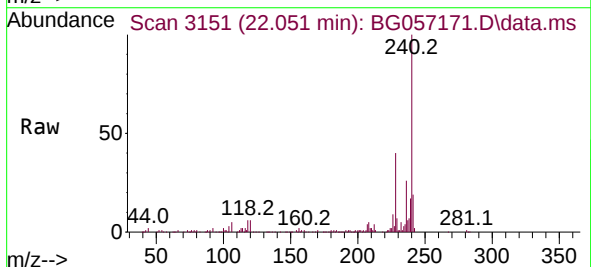
Manual Integrations
APPROVED

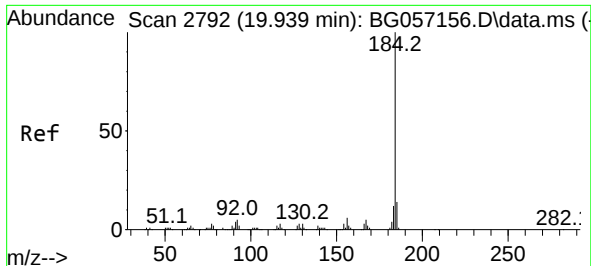
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.051 min Scan# 3151
Delta R.T. -0.009 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

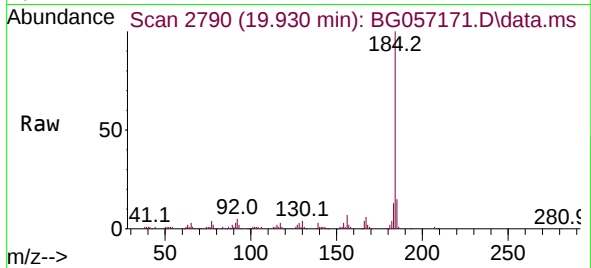
Tgt Ion:240 Resp: 130763
Ion Ratio Lower Upper
240 100
120 6.2 5.5 8.3
236 26.2 20.8 31.2





#77
Benzidine
Concen: 73.388 ng
RT: 19.930 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

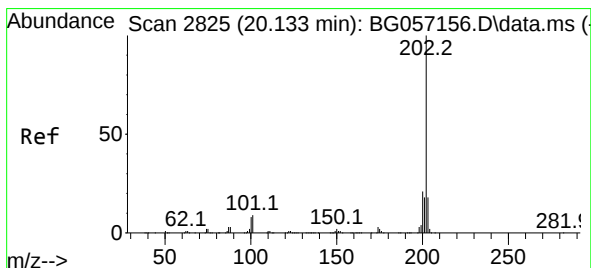
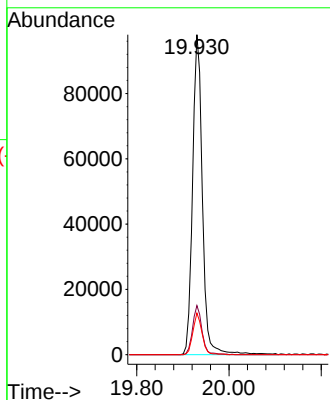
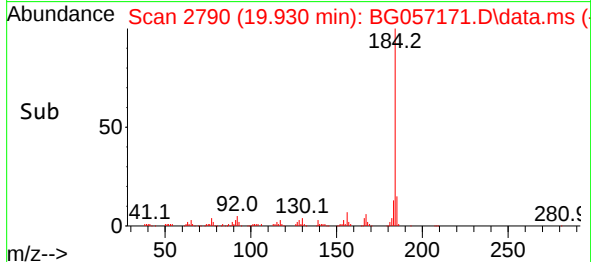
Instrument :
BNA_G
ClientSampleId :
PB152259BS



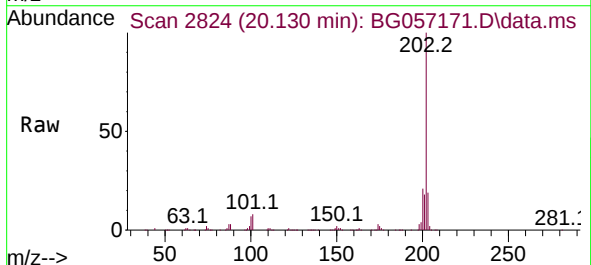
Tgt Ion:184 Resp: 144609
Ion Ratio Lower Upper
184 100
185 15.3 11.3 16.9
183 13.0 9.4 14.0

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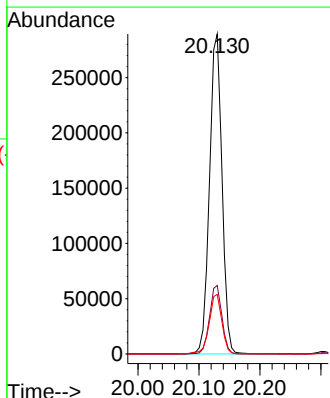
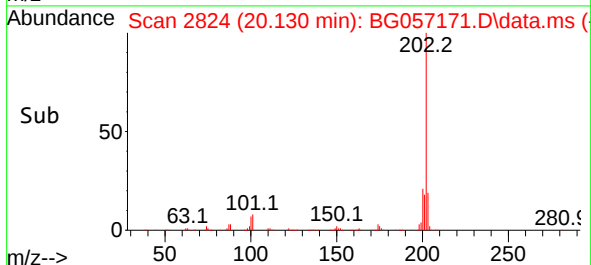
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

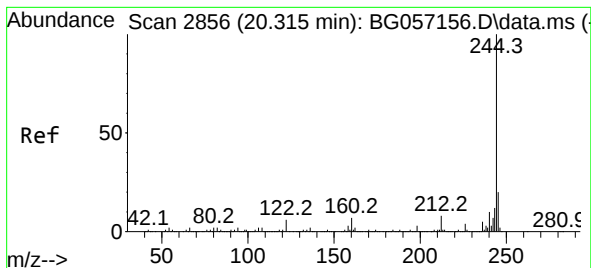


#78
Pyrene
Concen: 46.475 ng
RT: 20.130 min Scan# 2824
Delta R.T. -0.003 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10



Tgt Ion:202 Resp: 412613
Ion Ratio Lower Upper
202 100
200 21.4 17.0 25.4
203 18.6 14.7 22.1





#79

Terphenyl-d14

Concen: 96.928 ng

RT: 20.306 min Scan# 21

Delta R.T. -0.009 min

Lab File: BG057171.D

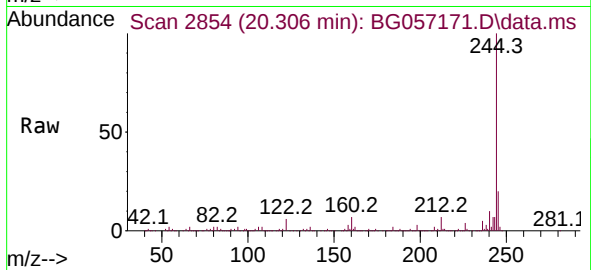
Acq: 25 Apr 2023 11:10

Instrument :

BNA_G

ClientSampleId :

PB152259BS



Tgt Ion:244 Resp: 72463

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

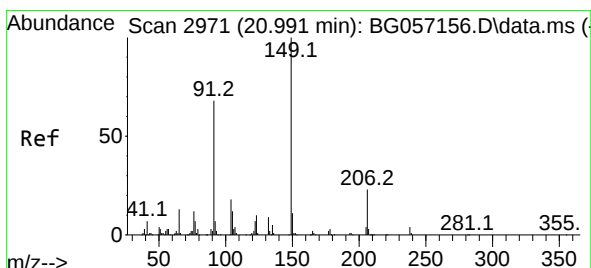
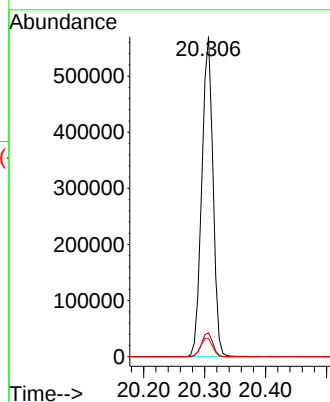
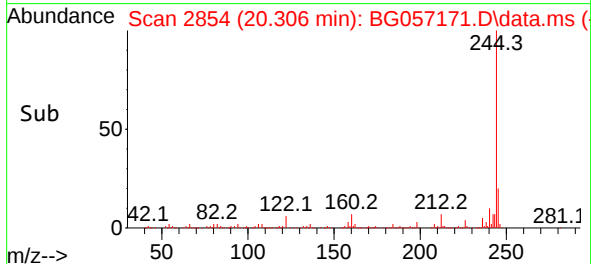
122 5.8 5.0 7.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/26/2023

Supervised By :Jagrut Upadhyay 04/26/2023



#80

Butylbenzylphthalate

Concen: 49.683 ng

RT: 20.982 min Scan# 2969

Delta R.T. -0.009 min

Lab File: BG057171.D

Acq: 25 Apr 2023 11:10

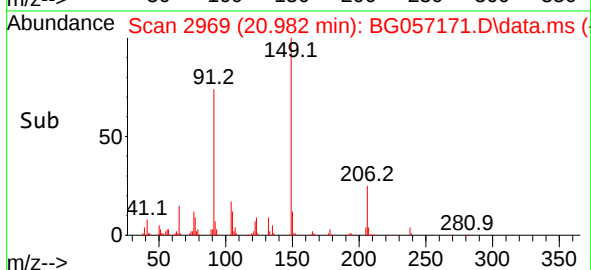
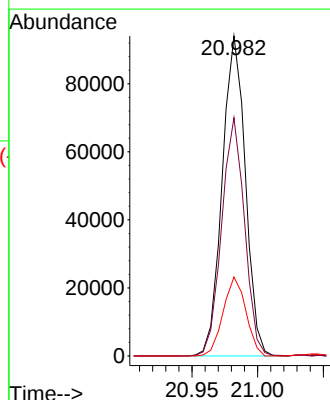
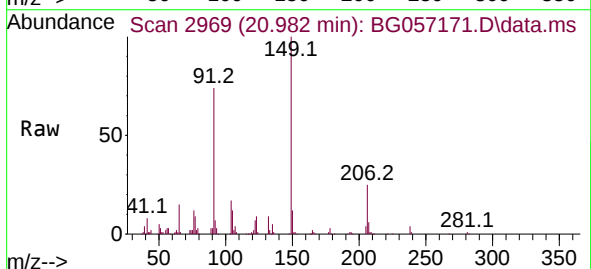
Tgt Ion:149 Resp: 115171

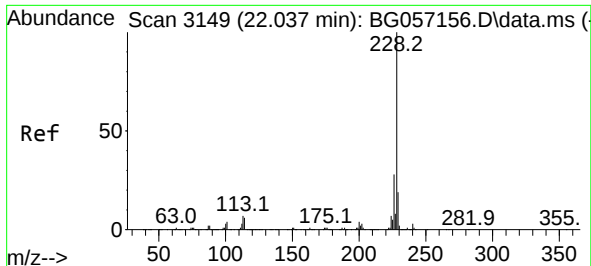
Ion Ratio Lower Upper

149 100

91 74.4 54.1 81.1

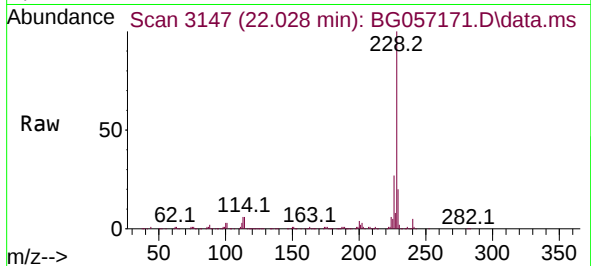
206 24.7 18.2 27.2





#81
Benzo(a)anthracene
Concen: 45.770 ng
RT: 22.028 min Scan# 3149
Delta R.T. -0.009 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

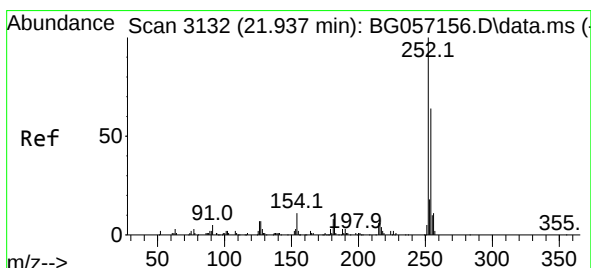
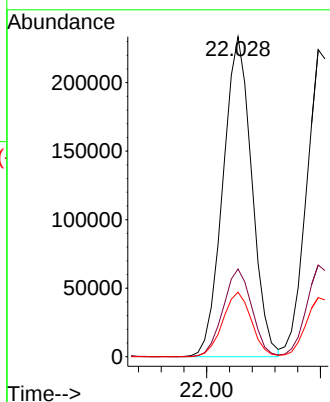
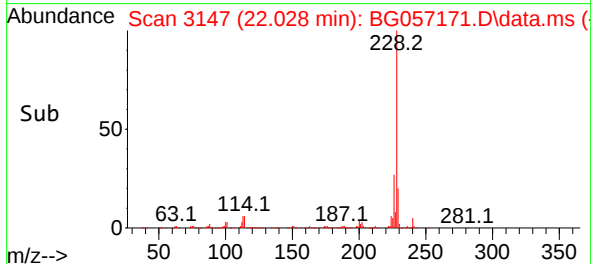
Instrument :
BNA_G
ClientSampleId :
PB152259BS



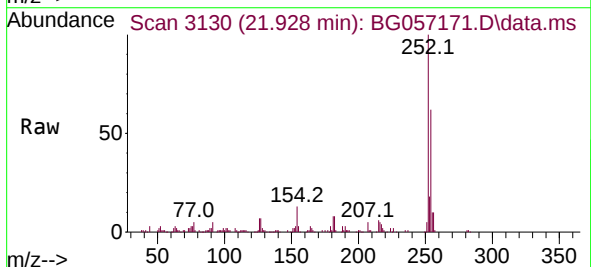
Tgt Ion:228 Resp: 411500
Ion Ratio Lower Upper
228 100
226 27.4 22.2 33.4
229 20.1 15.6 23.4

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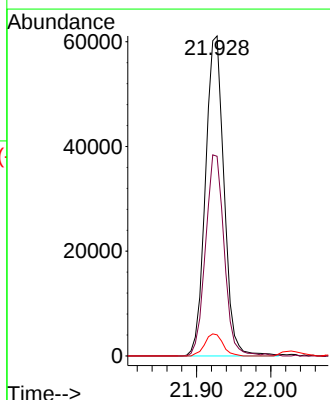
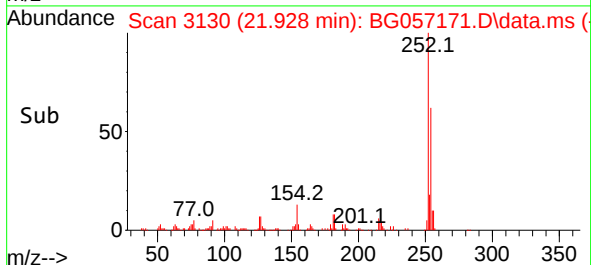
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

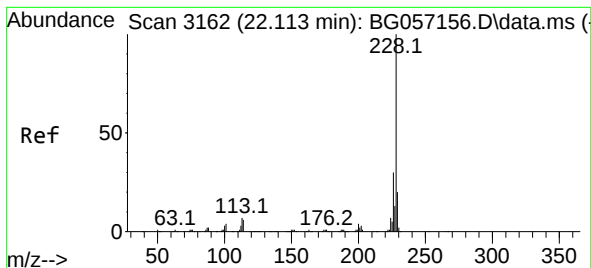


#82
3,3'-Dichlorobenzidine
Concen: 45.178 ng
RT: 21.928 min Scan# 3130
Delta R.T. -0.009 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10



Tgt Ion:252 Resp: 106309
Ion Ratio Lower Upper
252 100
254 62.4 50.9 76.3
126 6.6 5.9 8.9





#83

Chrysene

Concen: 44.122 ng

RT: 22.098 min Scan# 3159

Delta R.T. -0.015 min

Lab File: BG057171.D

Acq: 25 Apr 2023 11:10

Instrument :

BNA_G

ClientSampleId :

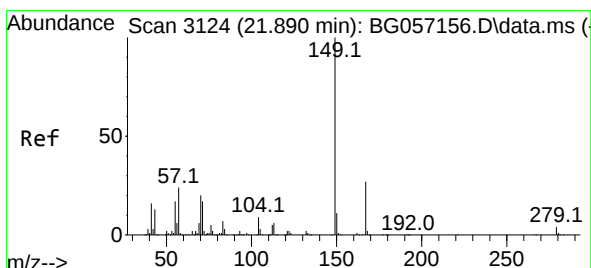
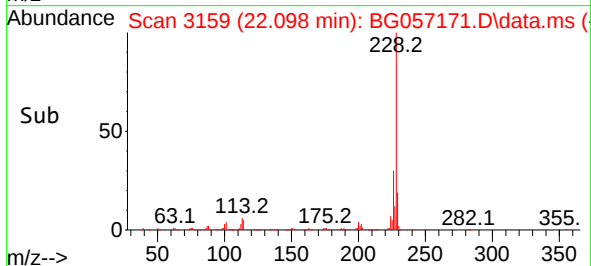
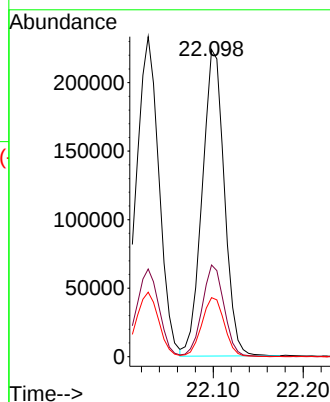
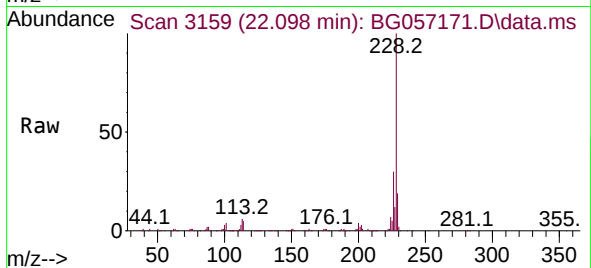
PB152259BS

Tgt Ion:228 Resp: 382550
 Ion Ratio Lower Upper
 228 100
 226 29.9 24.0 36.0
 229 19.2 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/26/2023
 Supervised By :Jagrut Upadhyay 04/26/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.124 ng

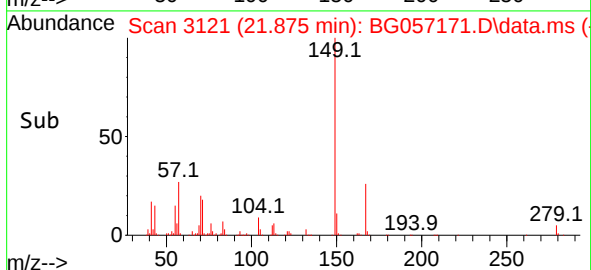
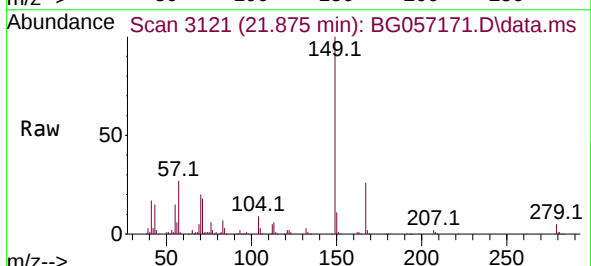
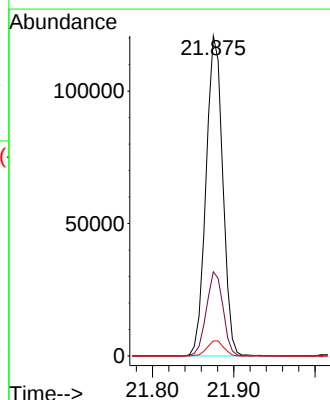
RT: 21.875 min Scan# 3121

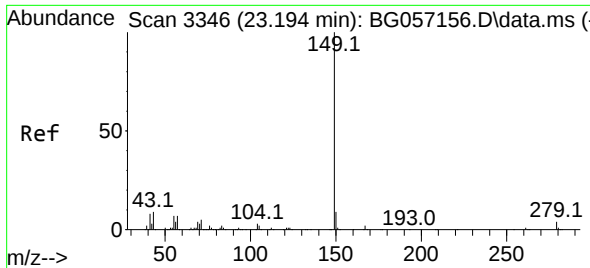
Delta R.T. -0.015 min

Lab File: BG057171.D

Acq: 25 Apr 2023 11:10

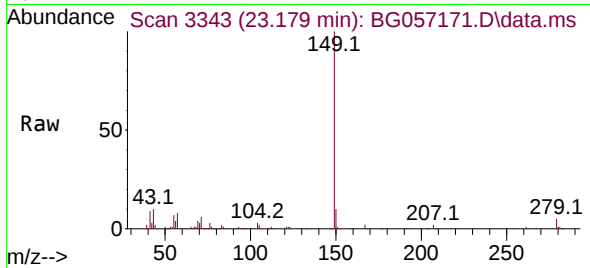
Tgt Ion:149 Resp: 172391
 Ion Ratio Lower Upper
 149 100
 167 26.3 21.9 32.9
 279 4.7 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 50.257 ng
RT: 23.179 min Scan# 31
Delta R.T. -0.015 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

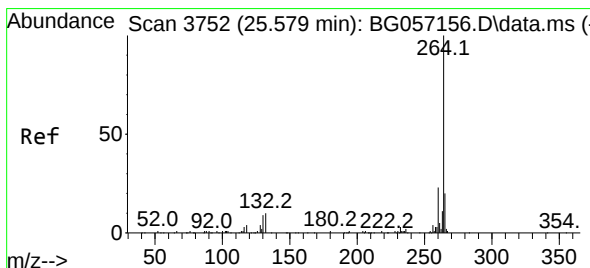
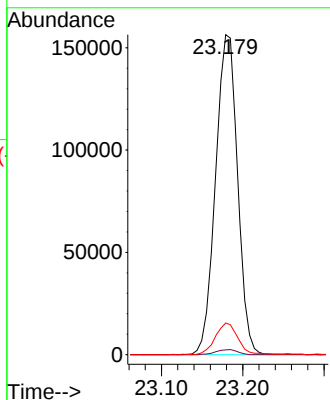
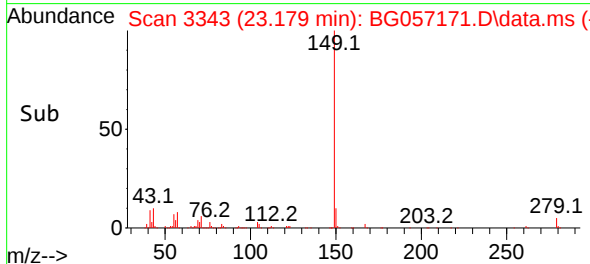
Instrument :
BNA_G
ClientSampleId :
PB152259BS



Tgt Ion:149 Resp: 29474
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.3 7.4 11.0

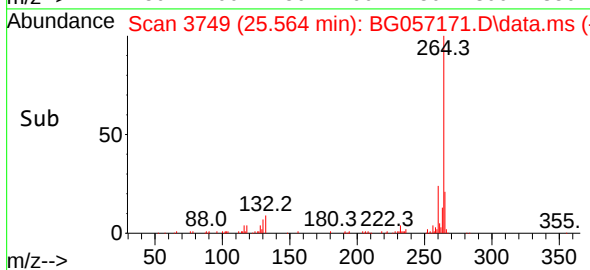
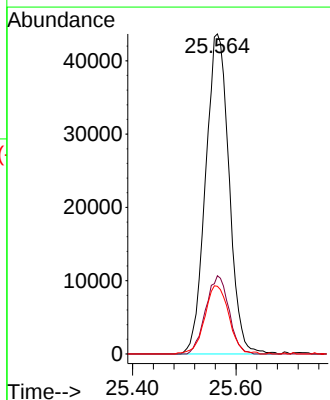
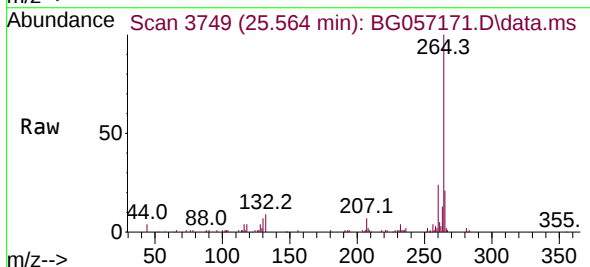
Manual Integrations
APPROVED

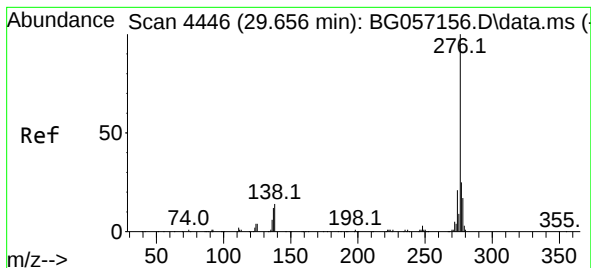
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.564 min Scan# 3749
Delta R.T. -0.015 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

Tgt Ion:264 Resp: 137343
Ion Ratio Lower Upper
264 100
260 24.4 18.8 28.2
265 21.1 16.4 24.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.375 ng

RT: 29.635 min Scan# 4442

Delta R.T. -0.021 min

Lab File: BG057171.D

Acq: 25 Apr 2023 11:10

Instrument :

BNA_G

ClientSampleId :

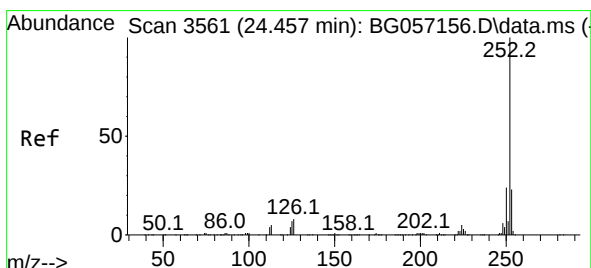
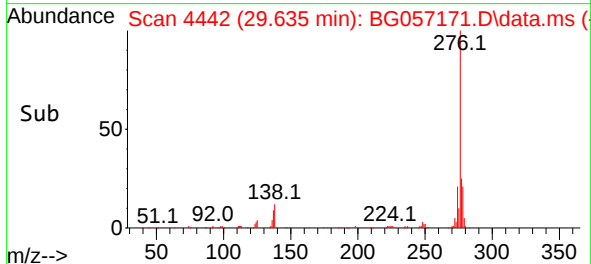
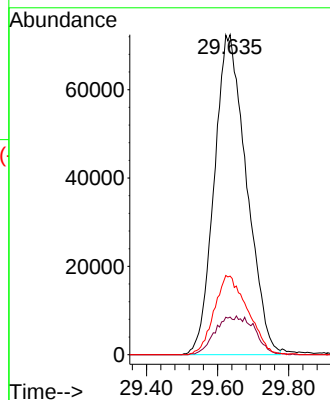
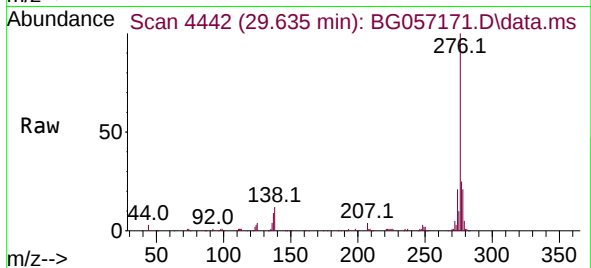
PB152259BS

Tgt Ion:276 Resp: 45623
 Ion Ratio Lower Upper
 276 100
 138 7.3 13.8 20.6
 277 25.7 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/26/2023
 Supervised By :Jagrut Upadhyay 04/26/2023



#88

Benzo(b)fluoranthene

Concen: 49.372 ng

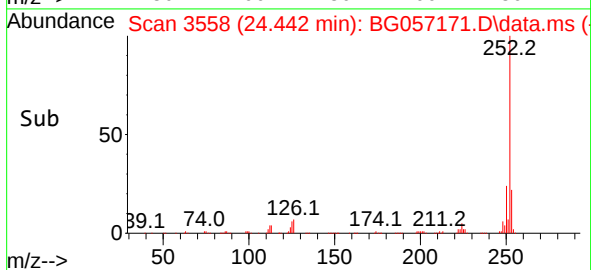
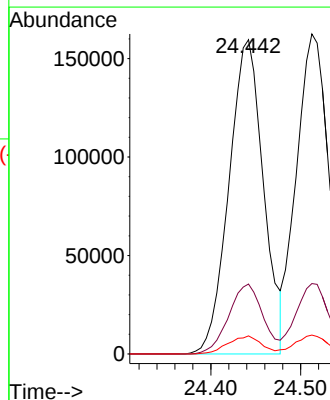
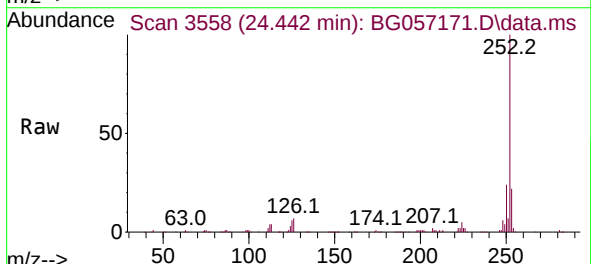
RT: 24.442 min Scan# 3558

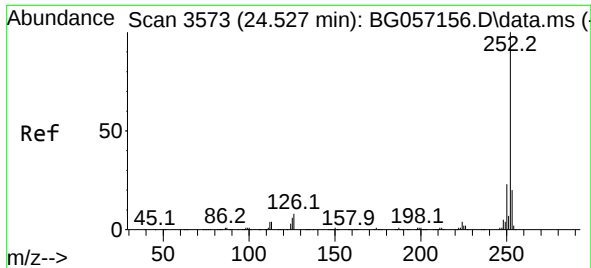
Delta R.T. -0.015 min

Lab File: BG057171.D

Acq: 25 Apr 2023 11:10

Tgt Ion:252 Resp: 425063
 Ion Ratio Lower Upper
 252 100
 253 22.3 18.2 27.2
 125 5.8 5.3 7.9





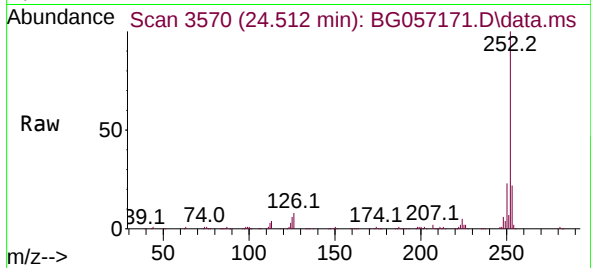
#89
Benzo(k)fluoranthene
Concen: 46.188 ng
RT: 24.512 min Scan# 31
Delta R.T. -0.015 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10

Instrument :

BNA_G

ClientSampleId :

PB152259BS

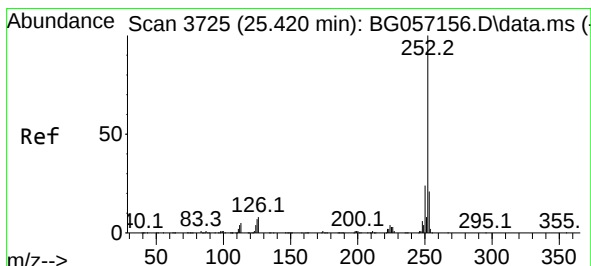
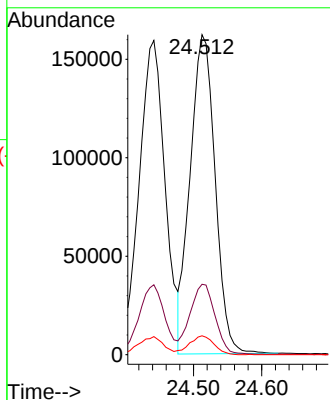
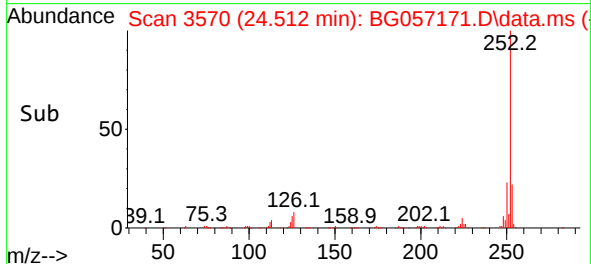


Tgt Ion:252 Resp: 41132
Ion Ratio Lower Upper
252 100
253 22.0 16.7 25.1
125 5.9 5.0 7.6

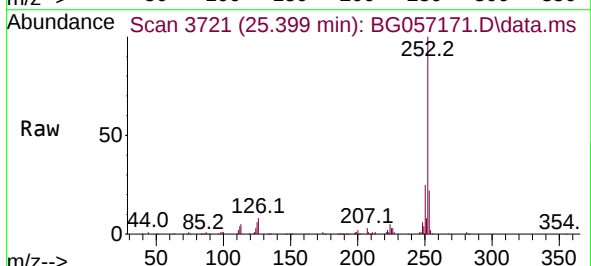
Manual Integrations

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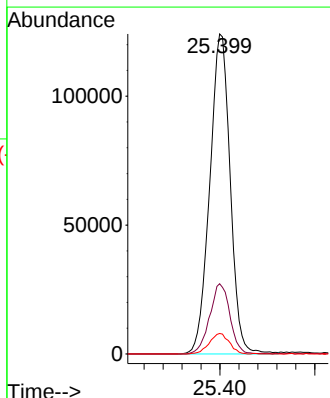
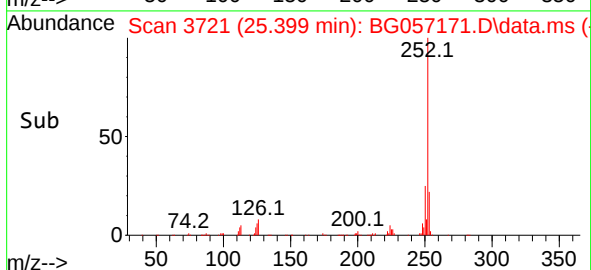
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

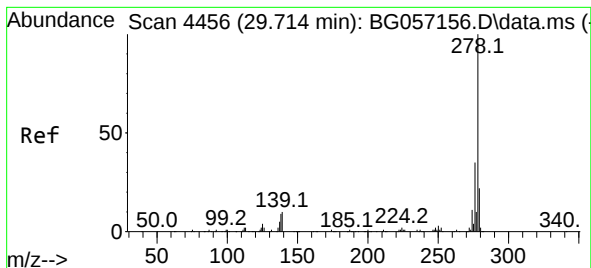


#90
Benzo(a)pyrene
Concen: 43.836 ng
RT: 25.399 min Scan# 3721
Delta R.T. -0.021 min
Lab File: BG057171.D
Acq: 25 Apr 2023 11:10



Tgt Ion:252 Resp: 371715
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 6.4 5.8 8.8





#91

Dibenzo(a,h)anthracene

Concen: 46.353 ng

RT: 29.694 min Scan# 4456

Delta R.T. -0.021 min

Lab File: BG057171.D

Acq: 25 Apr 2023 11:10

Instrument :

BNA_G

ClientSampleId :

PB152259BS

Tgt Ion:278 Resp: 37864

Ion Ratio Lower Upper

278 100

139 8.6 7.9 11.9

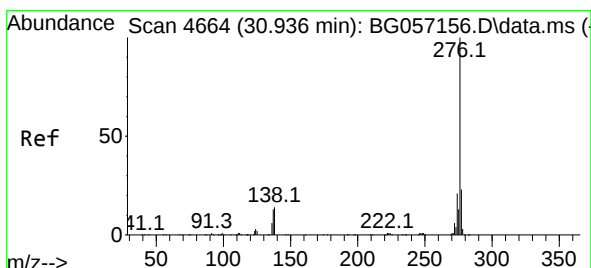
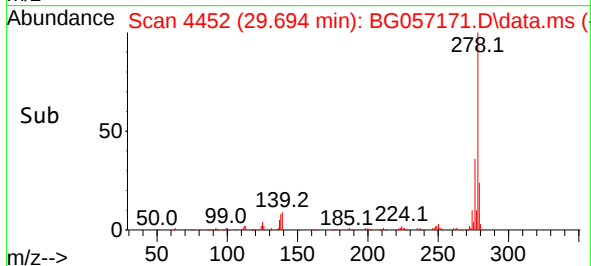
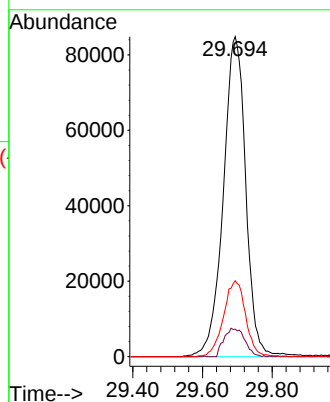
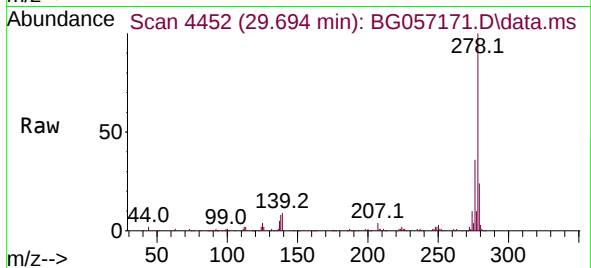
279 23.8 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/26/2023

Supervised By :Jagrut Upadhyay 04/26/2023



#92

Benzo(g,h,i)perylene

Concen: 45.522 ng

RT: 30.915 min Scan# 4660

Delta R.T. -0.021 min

Lab File: BG057171.D

Acq: 25 Apr 2023 11:10

Tgt Ion:276 Resp: 367921

Ion Ratio Lower Upper

276 100

277 23.1 18.5 27.7

138 12.7 11.5 17.3

