

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020623\
 Data File : BG056557.D
 Acq On : 6 Feb 2023 16:24
 Operator : CG/JU
 Sample : 01442-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-01-SB02MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/07/2023
 Supervised By : Jagrut Upadhyay 02/07/2023

Quant Time: Feb 07 04:34:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 07 04:30:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.276	152	36869	20.000	ng	0.00
21) Naphthalene-d8	11.108	136	135736	20.000	ng	0.00
39) Acenaphthene-d10	14.898	164	104555	20.000	ng	0.00
64) Phenanthrene-d10	17.636	188	264553	20.000	ng	0.00
76) Chrysene-d12	21.931	240	250528	20.000	ng	0.00
86) Perylene-d12	25.350	264	272784	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	269646	134.540	ng	0.00
7) Phenol-d6	7.424	99	368633	124.137	ng	0.00
23) Nitrobenzene-d5	9.451	82	187571	78.470	ng	0.00
42) 2,4,6-Tribromophenol	16.384	330	169726	122.105	ng	0.00
45) 2-Fluorobiphenyl	13.523	172	565667	75.009	ng	0.00
79) Terphenyl-d14	20.209	244	1055247	73.980	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.594	88	36436	43.660	ng	93
3) Pyridine	4.017	79	99433	39.970	ng	97
4) n-Nitrosodimethylamine	3.929	42	23579	44.570	ng	# 93
6) Aniline	7.589	93	103842	26.708	ng	95
8) 2-Chlorophenol	7.836	128	109830	49.884	ng	98
9) Benzaldehyde	7.401	77	62502	49.924	ng	96
10) Phenol	7.454	94	148621	49.242	ng	99
11) bis(2-Chloroethyl)ether	7.677	93	92754	44.710	ng	98
12) 1,3-Dichlorobenzene	8.165	146	123991	48.912	ng	98
13) 1,4-Dichlorobenzene	8.312	146	125870	49.029	ng	98
14) 1,2-Dichlorobenzene	8.635	146	122111	49.025	ng	99
15) Benzyl Alcohol	8.511	79	92011m	45.160	ng	
16) 2,2'-oxybis(1-Chloropr...	8.793	45	20712	47.119	ng	99
17) 2-Methylphenol	8.717	107	102794	44.768	ng	95
18) Hexachloroethane	9.369	117	38389	49.440	ng	92
19) n-Nitroso-di-n-propyla...	9.075	70	69770	40.770	ng	95
20) 3+4-Methylphenols	9.046	107	139486	43.348	ng	99
22) Acetophenone	9.105	105	165121	45.784	ng	# 99
24) Nitrobenzene	9.498	77	107524	46.635	ng	95
25) Isophorone	10.015	82	209639	42.511	ng	99
26) 2-Nitrophenol	10.209	139	64518	46.120	ng	99
27) 2,4-Dimethylphenol	10.262	122	116104	49.592	ng	96
28) bis(2-Chloroethoxy)met...	10.486	93	121739	44.687	ng	97
29) 2,4-Dichlorophenol	10.750	162	129437	49.116	ng	99
30) 1,2,4-Trichlorobenzene	10.967	180	139358	47.587	ng	96
31) Naphthalene	11.161	128	328364	45.834	ng	99
32) Benzoic acid	10.427	122	67342m	51.412	ng	
33) 4-Chloroaniline	11.267	127	54217	16.212	ng	97
34) Hexachlorobutadiene	11.431	225	97003	47.189	ng	99
35) Caprolactam	12.048	113	37780m	42.508	ng	
36) 4-Chloro-3-methylphenol	12.372	107	120083	47.184	ng	95
37) 2-Methylnaphthalene	12.742	142	251349	42.556	ng	99
38) 1-Methylnaphthalene	12.959	142	233137	42.265	ng	# 96
40) 1,2,4,5-Tetrachloroben...	13.106	216	185103	48.459	ng	100
41) Hexachlorocyclopentadiene	13.077	237	158256	78.303	ng	95
43) 2,4,6-Trichlorophenol	13.341	196	120576	48.984	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020623\
 Data File : BG056557.D
 Acq On : 6 Feb 2023 16:24
 Operator : CG/JU
 Sample : 01442-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-01-SB02MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/07/2023
 Supervised By : Jagrut Upadhyay 02/07/2023

Quant Time: Feb 07 04:34:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 07 04:30:04 2023
 Response via : Initial Calibration

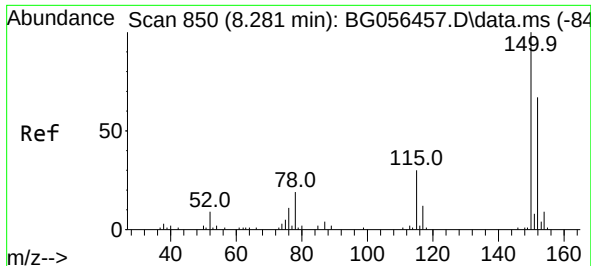
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.423	196	131281	45.552	ng	97
46) 1,1'-Biphenyl	13.735	154	358055	47.214	ng	99
47) 2-Chloronaphthalene	13.782	162	285743	48.205	ng	99
48) 2-Nitroaniline	13.981	65	56617	46.204	ng	96
49) Acenaphthylene	14.622	152	446797	46.329	ng	99
50) Dimethylphthalate	14.334	163	377044	44.574	ng	99
51) 2,6-Dinitrotoluene	14.469	165	81800	44.344	ng	97
52) Acenaphthene	14.963	154	263685	46.107	ng	99
53) 3-Nitroaniline	14.798	138	38276	21.403	ng	99
54) 2,4-Dinitrophenol	15.016	184	116301	100.567	ng	97
55) Dibenzofuran	15.292	168	467881	45.618	ng	99
56) 4-Nitrophenol	15.110	139	119650	97.915	ng	98
57) 2,4-Dinitrotoluene	15.256	165	118744	45.700	ng	99
58) Fluorene	15.938	166	372337	45.623	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.521	232	121963	47.596	ng	99
60) Diethylphthalate	15.685	149	348915	43.928	ng	98
61) 4-Chlorophenyl-phenylether	15.920	204	224859	45.153	ng	98
62) 4-Nitroaniline	15.961	138	77997	43.587	ng	98
63) Azobenzene	16.214	77	310415	56.796	ng	97
65) 4,6-Dinitro-2-methylph...	16.020	198	83731	45.018	ng	99
66) n-Nitrosodiphenylamine	16.132	169	344070	45.936	ng	99
67) 4-Bromophenyl-phenylether	16.813	248	154851	45.723	ng	99
68) Hexachlorobenzene	16.943	284	159156	47.981	ng	99
69) Atrazine	17.072	200	148948	51.545	ng	97
70) Pentachlorophenol	17.289	266	172735	86.062	ng	98
71) Phenanthrene	17.677	178	639760	46.205	ng	99
72) Anthracene	17.771	178	661670	46.552	ng	99
73) Carbazole	18.035	167	578906	47.821	ng	99
74) Di-n-butylphthalate	18.558	149	591708	46.552	ng	99
75) Fluoranthene	19.669	202	799089	45.726	ng	99
77) Benzidine	19.839	184	362149	53.418	ng	98
78) Pyrene	20.033	202	814475	45.711	ng	100
80) Butylbenzylphthalate	20.885	149	244727	44.972	ng	98
81) Benzo(a)anthracene	21.907	228	803038	45.849	ng	99
82) 3,3'-Dichlorobenzidine	21.808	252	167427	26.545	ng	98
83) Chrysene	21.978	228	747076	45.402	ng	100
84) Bis(2-ethylhexyl)phtha...	21.761	149	350642	44.943	ng	100
85) Di-n-octyl phthalate	23.030	149	593972	45.715	ng	99
87) Indeno(1,2,3-cd)pyrene	29.305	276	945947	47.373	ng	# 90
88) Benzo(b)fluoranthene	24.258	252	825302	48.744	ng	100
89) Benzo(k)fluoranthene	24.334	252	803068	46.978	ng	99
90) Benzo(a)pyrene	25.192	252	726299	43.547	ng	97
91) Dibenzo(a,h)anthracene	29.363	278	790688	47.174	ng	99
92) Benzo(g,h,i)perylene	30.550	276	760174	47.003	ng	98

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

Manual Integrations APPROVED

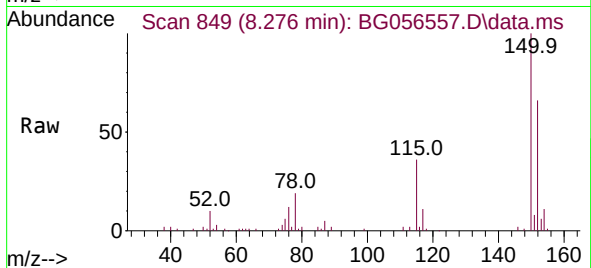
Quant Time: Feb 07 04:34:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 07 04:30:04 2023
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.276 min Scan# 84
 Delta R.T. 0.001 min
 Lab File: BG056557.D
 Acq: 6 Feb 2023 16:24

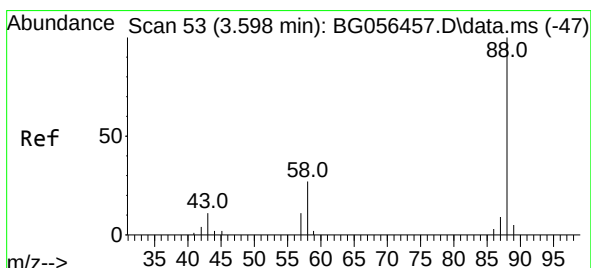
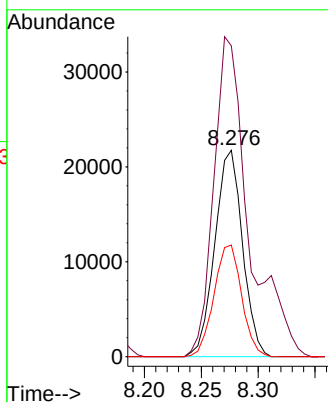
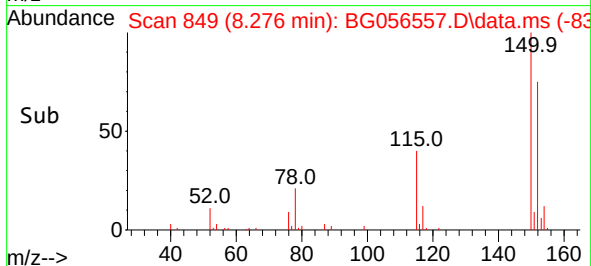
Instrument :
 BNA_G
 ClientSampleId :
 B-01-SB02MSD



Tgt Ion:152 Resp: 36869
 Ion Ratio Lower Upper
 152 100
 150 150.7 120.2 180.4
 115 54.1 36.3 54.5

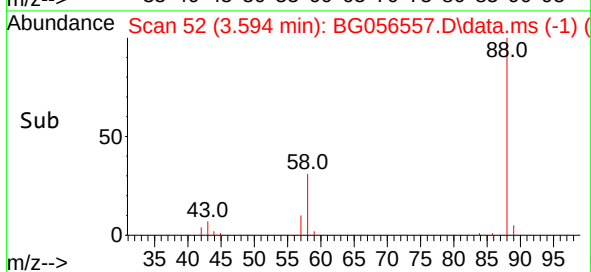
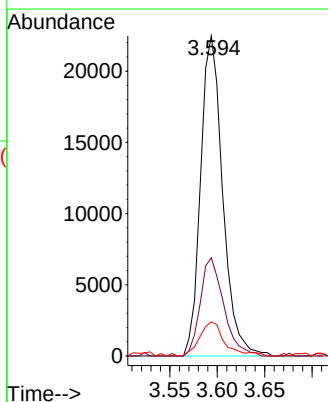
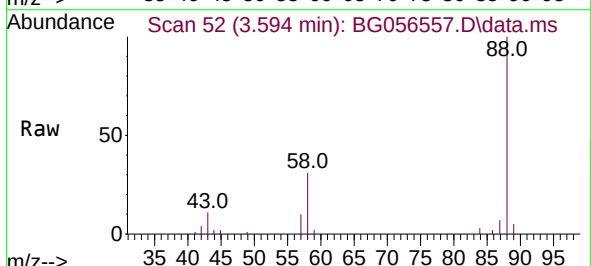
Manual Integrations
 APPROVED

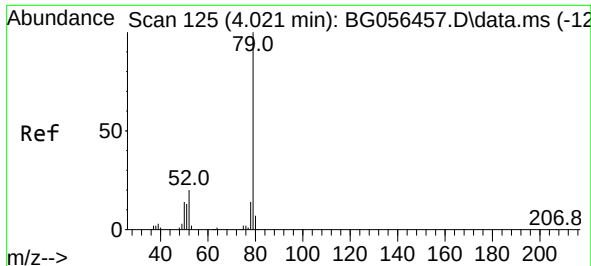
Reviewed By :Christian Giraldo 02/07/2023
 Supervised By :Jagrut Upadhyay 02/07/2023



#2
 1,4-Dioxane
 Concen: 43.660 ng
 RT: 3.594 min Scan# 52
 Delta R.T. 0.007 min
 Lab File: BG056557.D
 Acq: 6 Feb 2023 16:24

Tgt Ion: 88 Resp: 36436
 Ion Ratio Lower Upper
 88 100
 58 32.4 23.0 34.4
 43 11.9 8.0 12.0





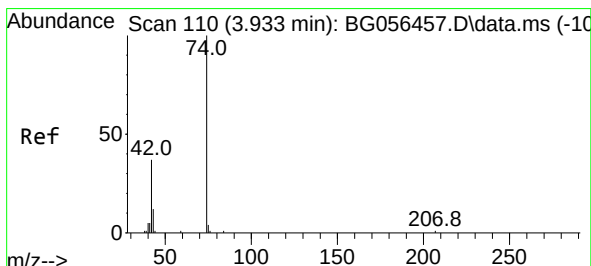
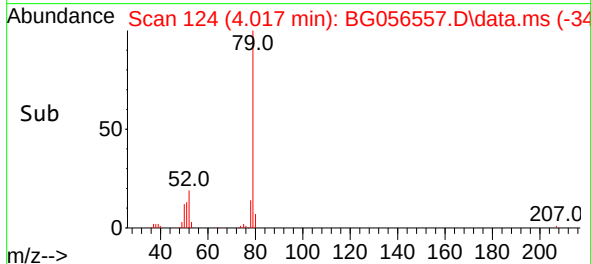
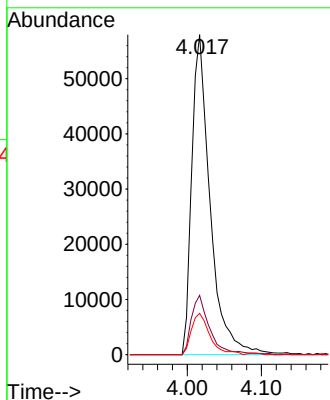
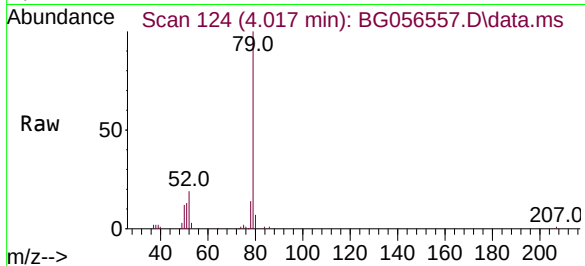
#3
Pyridine
Concen: 39.970 ng
RT: 4.017 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG056557.D
Acq: 6 Feb 2023 16:24

Instrument :
BNA_G
ClientSampleId :
B-01-SB02MSD

Tgt Ion: 79 Resp: 9943
Ion Ratio Lower Upper
79 100
52 18.5 16.1 24.1
51 12.9 10.7 16.1

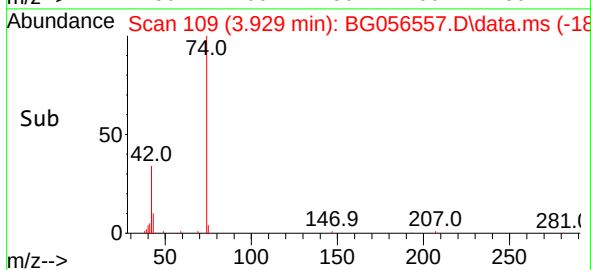
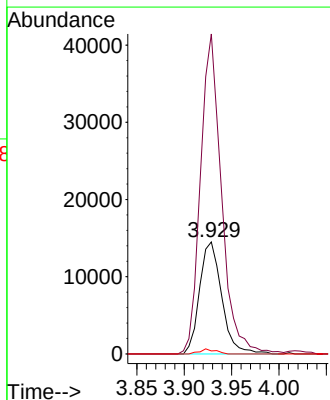
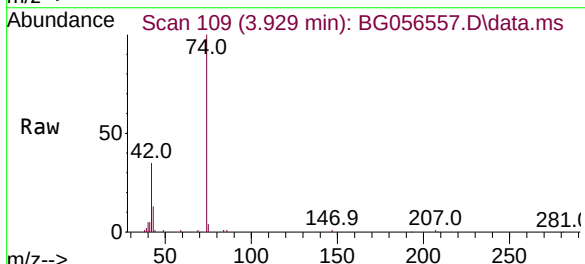
Manual Integrations
APPROVED

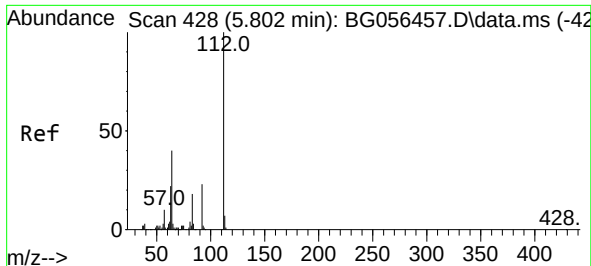
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023



#4
n-Nitrosodimethylamine
Concen: 44.570 ng
RT: 3.929 min Scan# 109
Delta R.T. 0.007 min
Lab File: BG056557.D
Acq: 6 Feb 2023 16:24

Tgt Ion: 42 Resp: 23579
Ion Ratio Lower Upper
42 100
74 286.1 217.9 326.9
44 2.6 3.0 4.6#





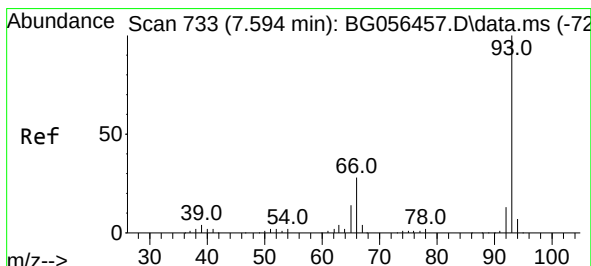
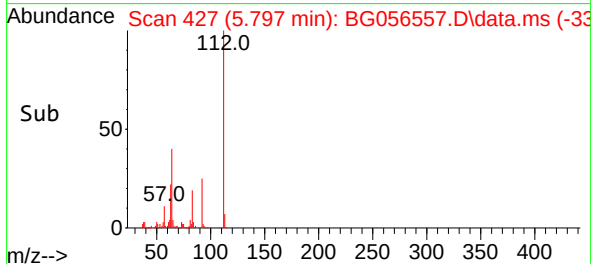
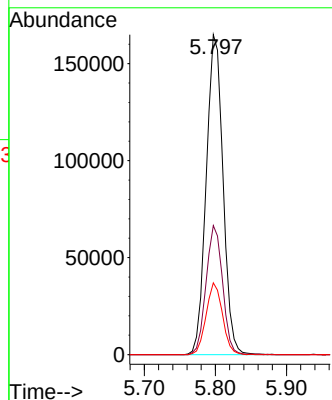
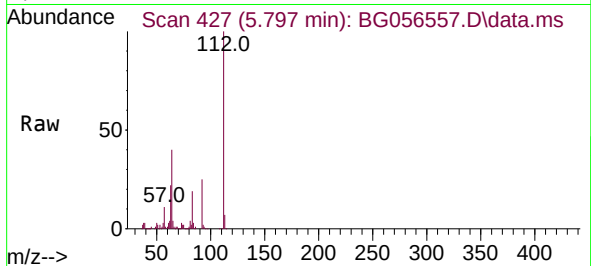
#5
2-Fluorophenol
Concen: 134.540 ng
RT: 5.797 min Scan# 428
Delta R.T. 0.007 min
Lab File: BG056557.D
Acq: 6 Feb 2023 16:24

Instrument :
BNA_G
ClientSampleId :
B-01-SB02MSD

Tgt Ion: 112 Resp: 269646
Ion Ratio Lower Upper
112 100
64 40.3 31.9 47.9
63 22.4 17.4 26.0

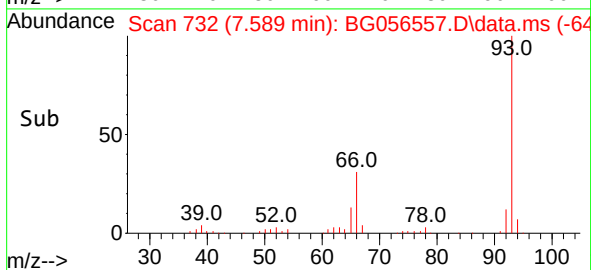
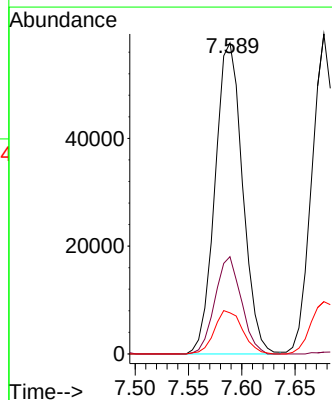
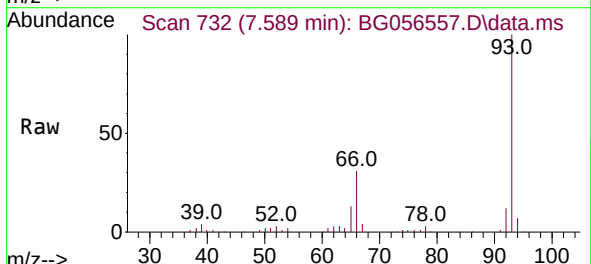
Manual Integrations
APPROVED

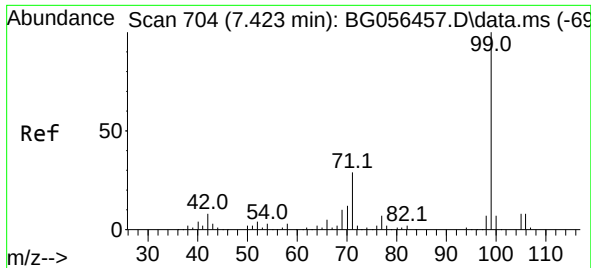
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023



#6
Aniline
Concen: 26.708 ng
RT: 7.589 min Scan# 732
Delta R.T. 0.001 min
Lab File: BG056557.D
Acq: 6 Feb 2023 16:24

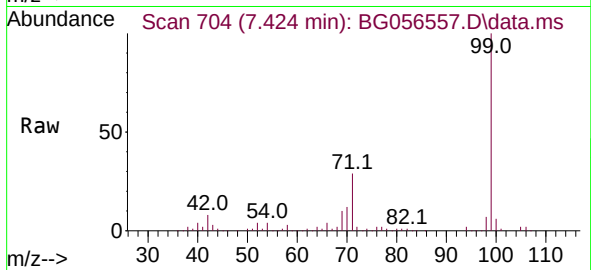
Tgt Ion: 93 Resp: 103842
Ion Ratio Lower Upper
93 100
66 31.3 22.2 33.2
65 13.2 11.3 16.9





#7
Phenol-d6
Concen: 124.137 ng
RT: 7.424 min Scan# 704
Delta R.T. 0.007 min
Lab File: BG056557.D
Acq: 6 Feb 2023 16:24

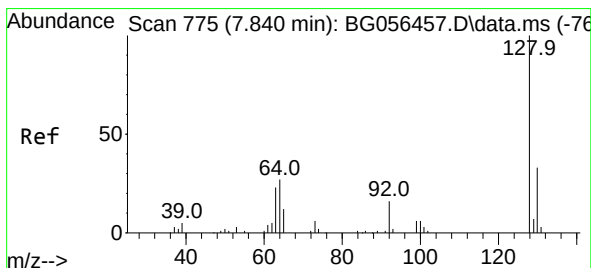
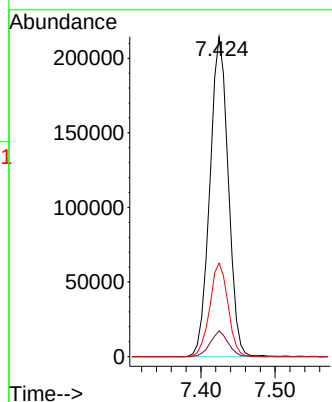
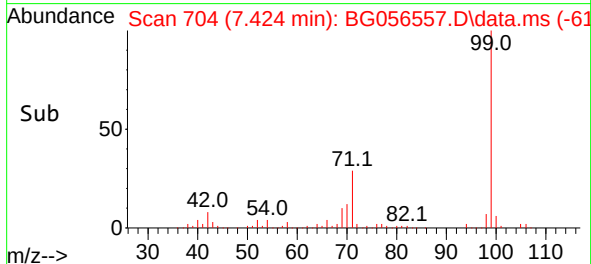
Instrument :
BNA_G
ClientSampleId :
B-01-SB02MSD



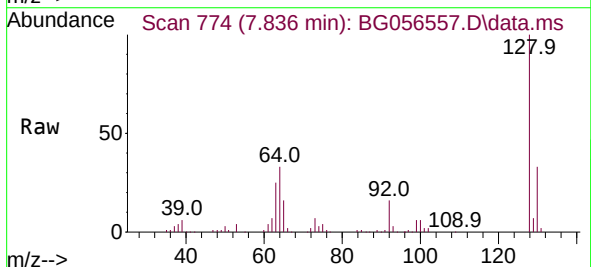
Tgt Ion: 99 Resp: 368633
Ion Ratio Lower Upper
99 100
42 8.0 6.6 10.0
71 29.2 23.4 35.0

Manual Integrations
APPROVED

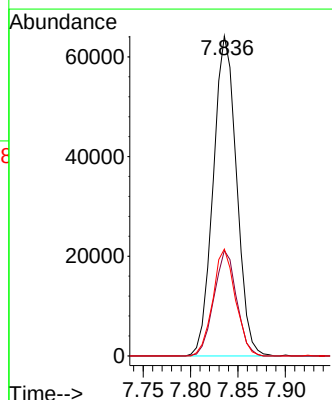
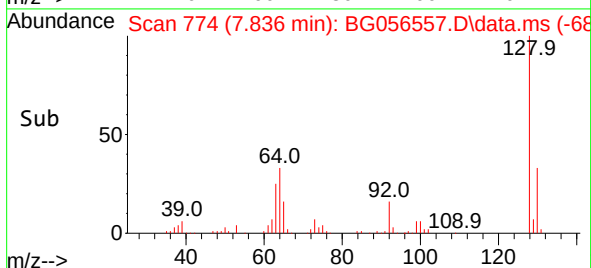
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023

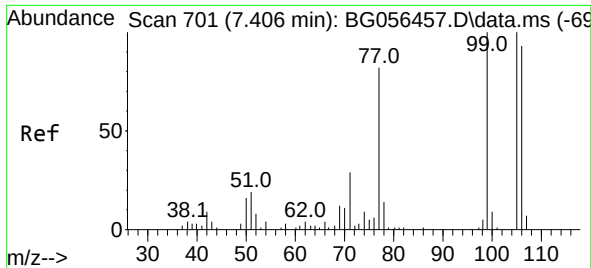


#8
2-Chlorophenol
Concen: 49.884 ng
RT: 7.836 min Scan# 774
Delta R.T. 0.001 min
Lab File: BG056557.D
Acq: 6 Feb 2023 16:24



Tgt Ion:128 Resp: 109830
Ion Ratio Lower Upper
128 100
130 32.9 12.8 52.8
64 33.4 11.3 51.3





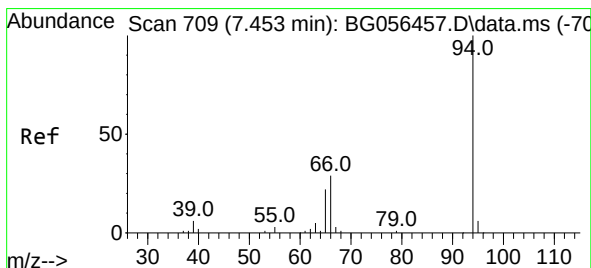
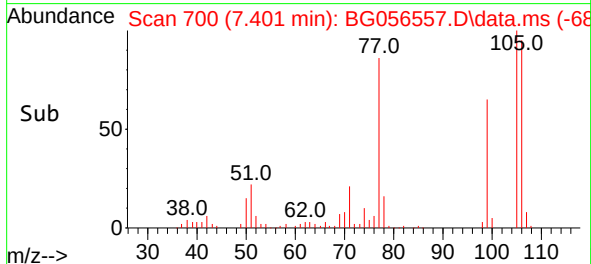
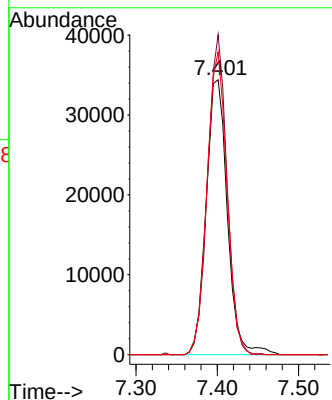
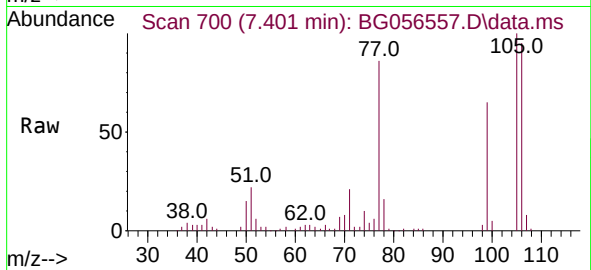
#9
Benzaldehyde
Concen: 49.924 ng
RT: 7.401 min Scan# 701
Delta R.T. 0.001 min
Lab File: BG056557.D
Acq: 6 Feb 2023 16:24

Instrument :
BNA_G
ClientSampleId :
B-01-SB02MSD

Tgt Ion: 77 Resp: 62502
Ion Ratio Lower Upper
77 100
105 116.5 101.8 141.8
106 110.1 93.0 133.0

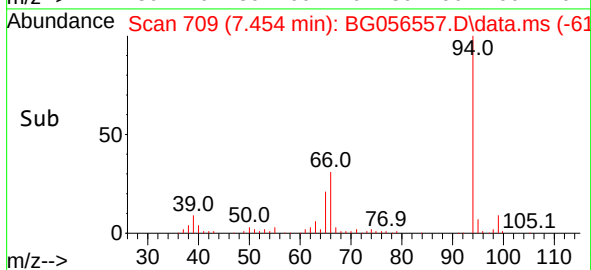
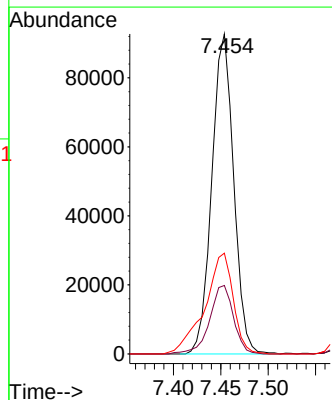
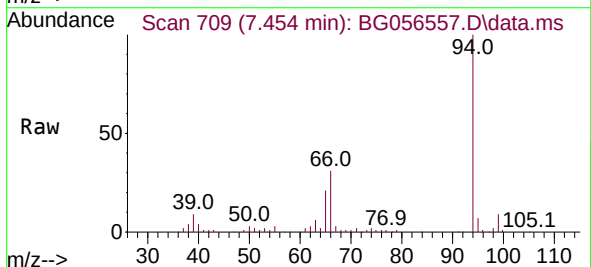
Manual Integrations
APPROVED

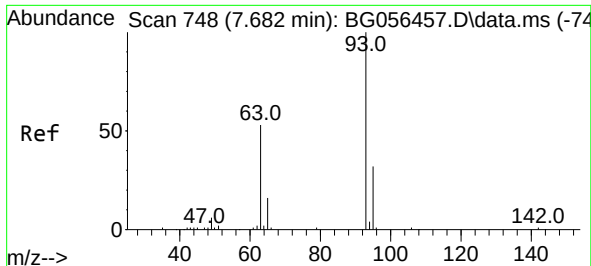
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023



#10
Phenol
Concen: 49.242 ng
RT: 7.454 min Scan# 709
Delta R.T. 0.007 min
Lab File: BG056557.D
Acq: 6 Feb 2023 16:24

Tgt Ion: 94 Resp: 148621
Ion Ratio Lower Upper
94 100
65 21.4 2.3 42.3
66 31.5 11.2 51.2





#11

bis(2-Chloroethyl)ether

Concen: 44.710 ng

RT: 7.677 min Scan# 74

Delta R.T. 0.001 min

Lab File: BG056557.D

Acq: 6 Feb 2023 16:24

Instrument :

BNA_G

ClientSampleId :

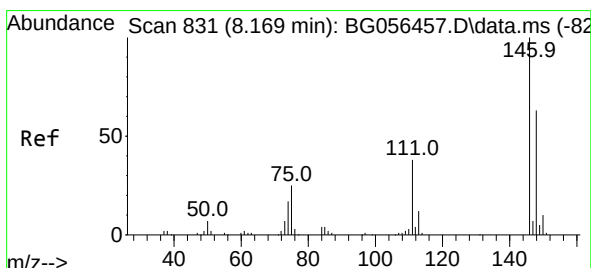
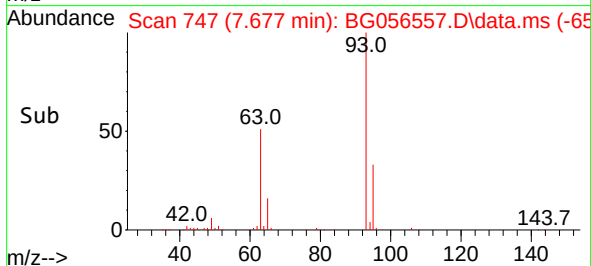
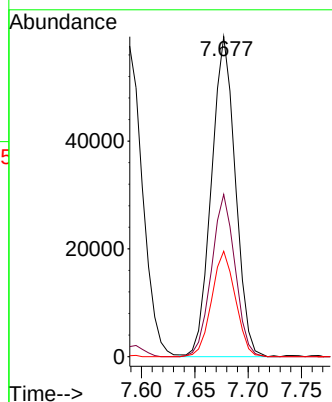
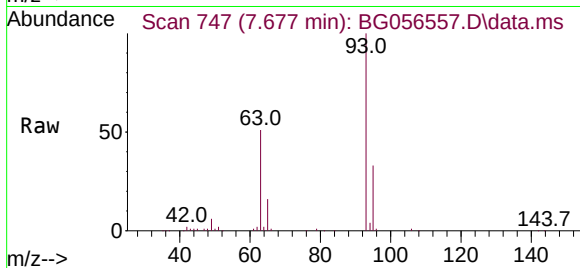
B-01-SB02MSD

Tgt Ion: 93	Resp: 92754
Ion Ratio	Lower Upper
93	100
63	50.7 32.4 72.4
95	32.9 11.8 51.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023



#12

1,3-Dichlorobenzene

Concen: 48.912 ng

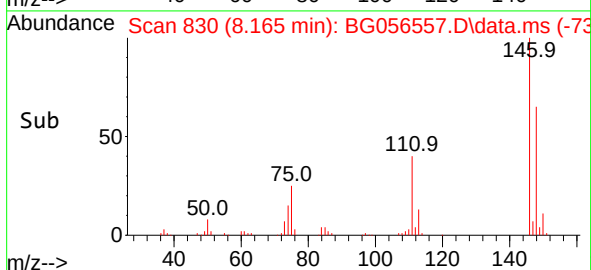
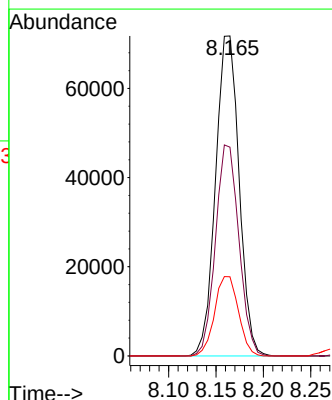
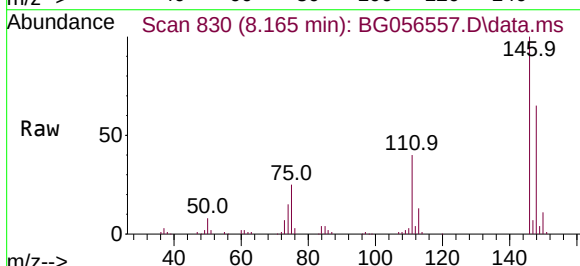
RT: 8.165 min Scan# 830

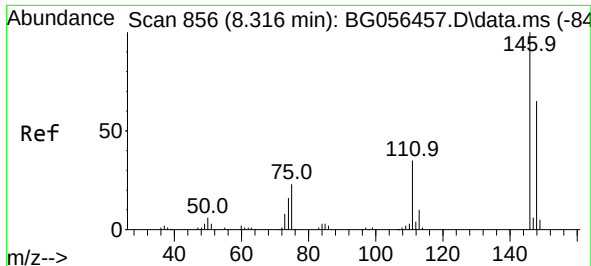
Delta R.T. 0.007 min

Lab File: BG056557.D

Acq: 6 Feb 2023 16:24

Tgt Ion:146	Resp: 123991
Ion Ratio	Lower Upper
146	100
148	65.2 50.6 75.8
75	24.7 19.6 29.4





#13

1,4-Dichlorobenzene

Concen: 49.029 ng

RT: 8.312 min Scan# 81

Delta R.T. 0.001 min

Lab File: BG056557.D

Acq: 6 Feb 2023 16:24

Instrument :

BNA_G

ClientSampleId :

B-01-SB02MSD

Tgt Ion:146 Resp: 125876

Ion Ratio Lower Upper

146 100

148 63.7 51.8 77.6

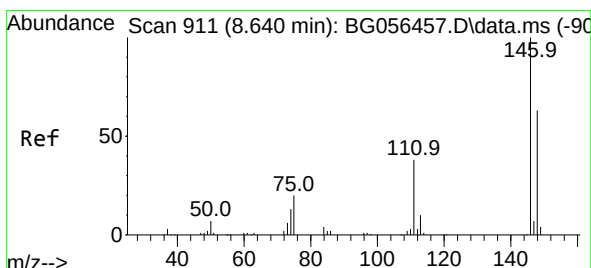
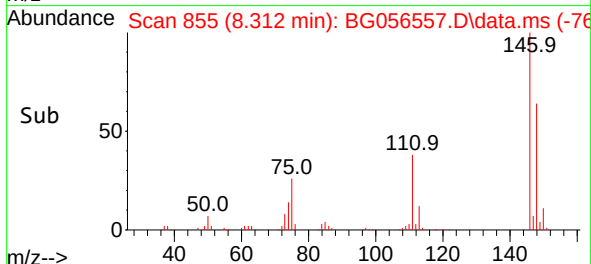
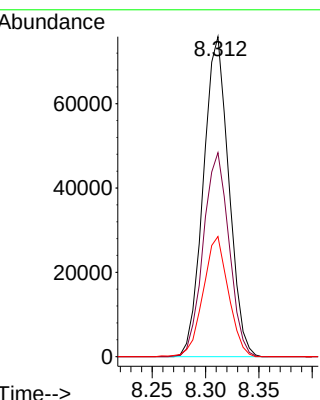
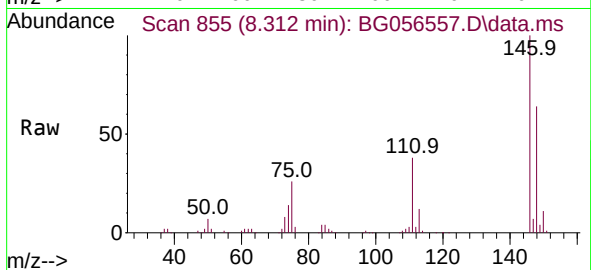
111 37.6 28.6 42.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/07/2023

Supervised By :Jagrut Upadhyay 02/07/2023



#14

1,2-Dichlorobenzene

Concen: 49.025 ng

RT: 8.635 min Scan# 910

Delta R.T. 0.001 min

Lab File: BG056557.D

Acq: 6 Feb 2023 16:24

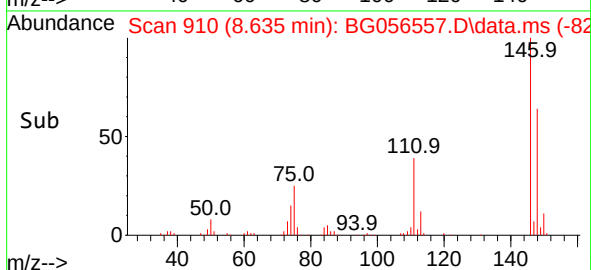
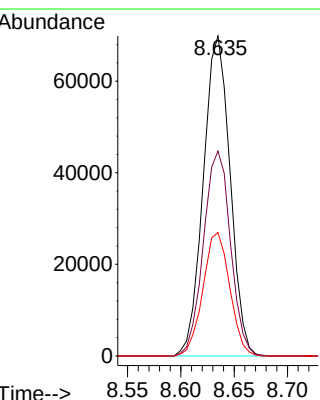
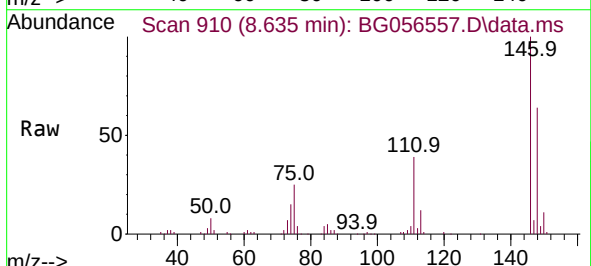
Tgt Ion:146 Resp: 122111

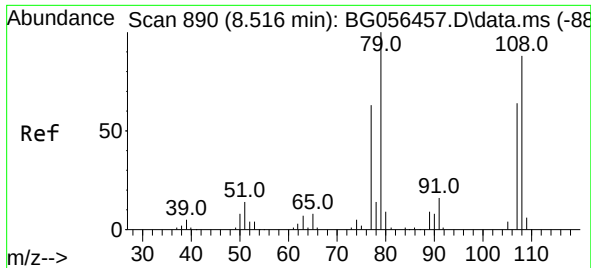
Ion Ratio Lower Upper

146 100

148 64.0 50.1 75.1

111 38.6 30.9 46.3





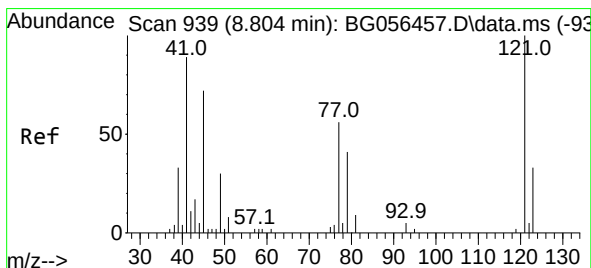
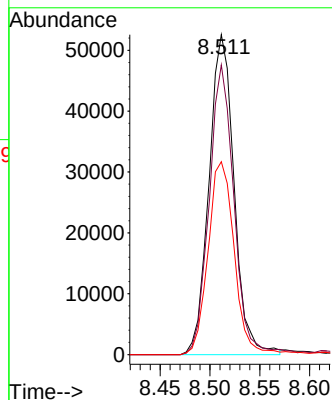
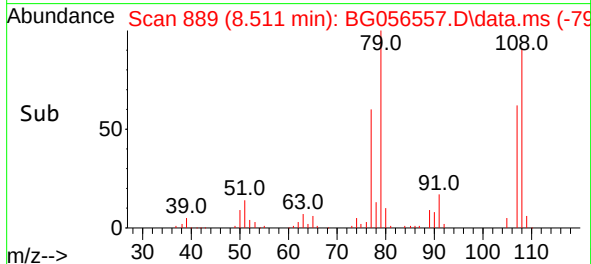
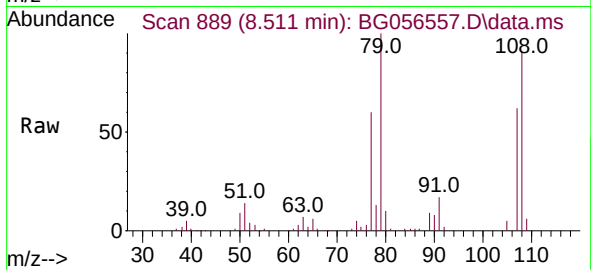
#15
Benzyl Alcohol
Concen: 45.160 ng m
RT: 8.511 min Scan# 890
Delta R.T. 0.001 min
Lab File: BG056557.D
Acq: 6 Feb 2023 16:24

Instrument :
BNA_G
ClientSampleId :
B-01-SB02MSD

Tgt Ion: 79 Resp: 9201
Ion Ratio Lower Upper
79 100
108 90.5 70.1 105.1
77 60.3 50.3 75.5

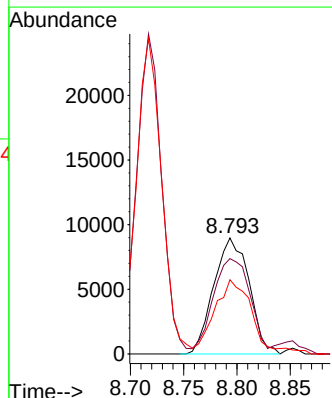
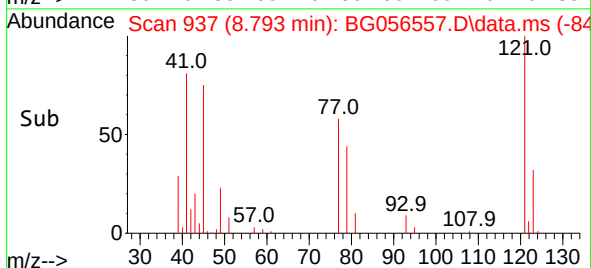
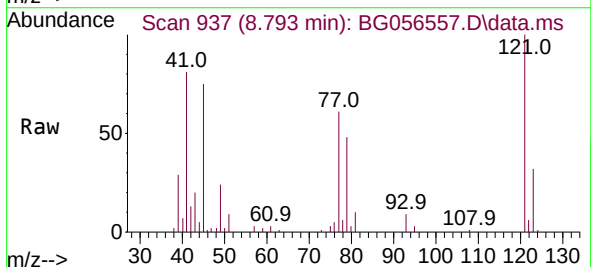
Manual Integrations
APPROVED

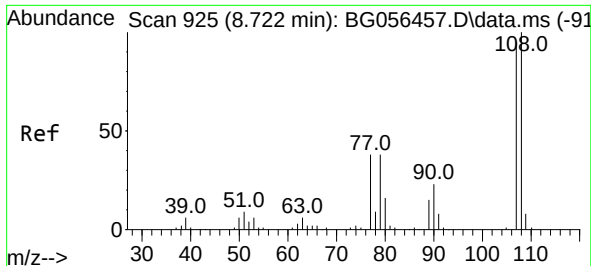
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.119 ng
RT: 8.793 min Scan# 937
Delta R.T. 0.001 min
Lab File: BG056557.D
Acq: 6 Feb 2023 16:24

Tgt Ion: 45 Resp: 20712
Ion Ratio Lower Upper
45 100
77 82.2 62.1 102.1
79 63.9 42.7 82.7





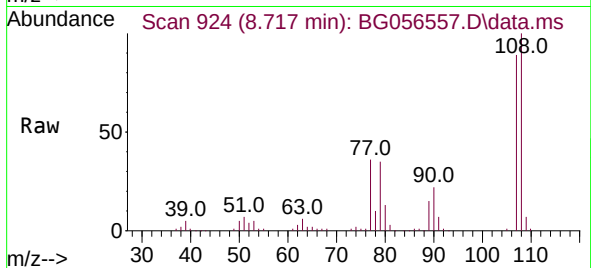
#17
2-Methylphenol
Concen: 44.768 ng
RT: 8.717 min Scan# 91
Delta R.T. 0.001 min
Lab File: BG056557.D
Acq: 6 Feb 2023 16:24

Instrument :

BNA_G

ClientSampleId :

B-01-SB02MSD

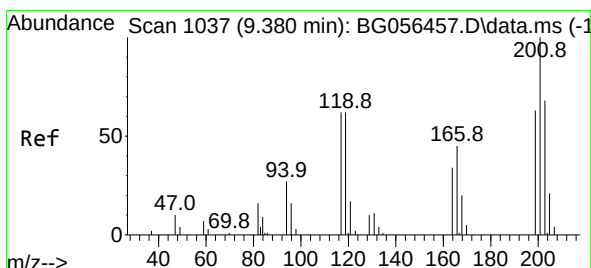
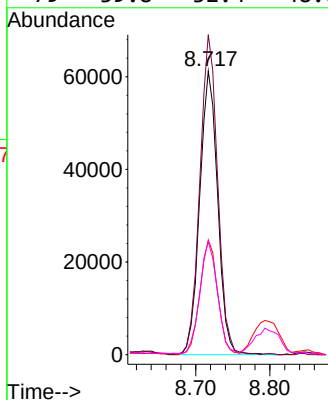
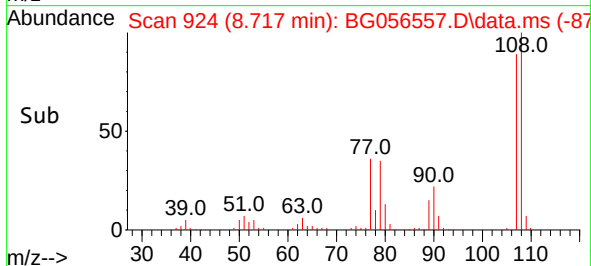


Tgt Ion:107 Resp: 102794
Ion Ratio Lower Upper
107 100
108 112.9 83.9 125.9
77 40.4 31.6 47.4
79 39.8 32.4 48.6

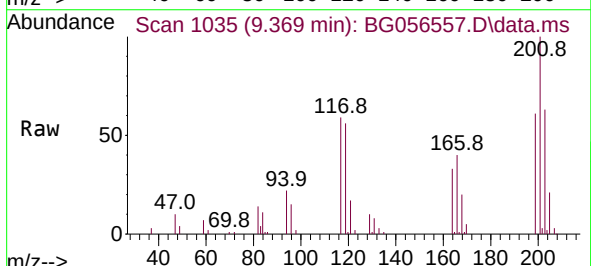
Manual Integrations

APPROVED

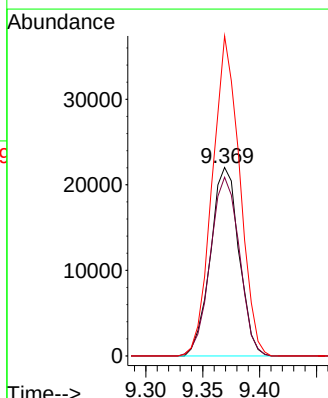
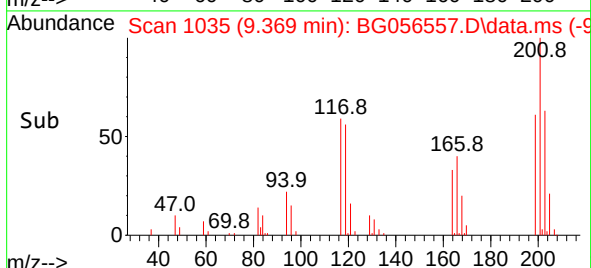
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023

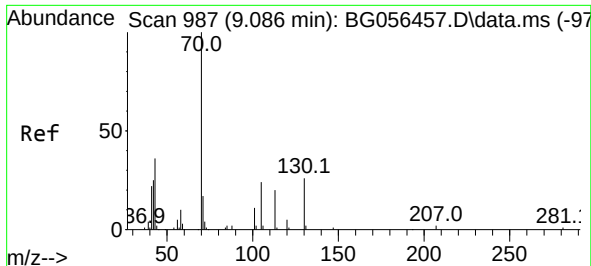


#18
Hexachloroethane
Concen: 49.440 ng
RT: 9.369 min Scan# 1035
Delta R.T. 0.001 min
Lab File: BG056557.D
Acq: 6 Feb 2023 16:24



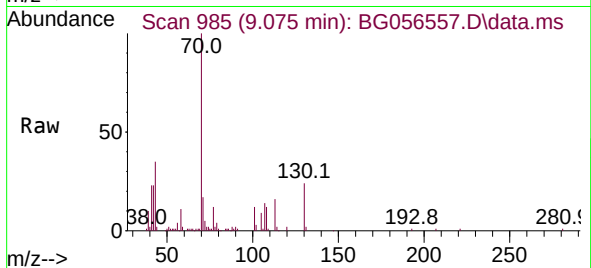
Tgt Ion:117 Resp: 38389
Ion Ratio Lower Upper
117 100
119 94.8 79.4 119.0
201 174.5 128.5 192.7





#19
n-Nitroso-di-n-propylamine
Concen: 40.770 ng
RT: 9.075 min Scan# 985
Delta R.T. 0.001 min
Lab File: BG056557.D
Acq: 6 Feb 2023 16:24

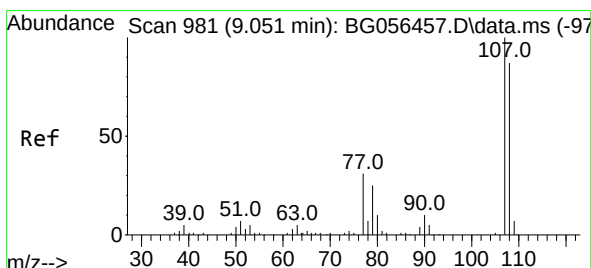
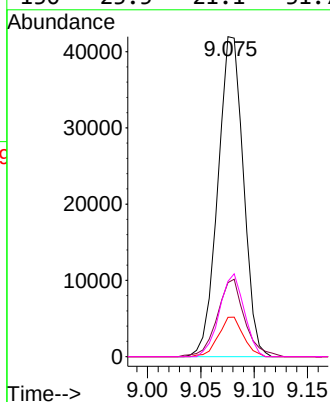
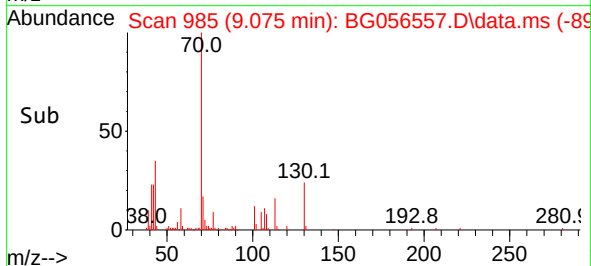
Instrument :
BNA_G
ClientSampleId :
B-01-SB02MSD



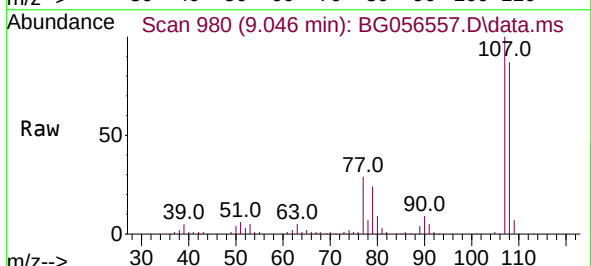
Tgt Ion: 70 Resp: 69770
Ion Ratio Lower Upper
70 100
42 23.1 20.2 30.4
101 12.3 9.1 13.7
130 23.5 21.1 31.7

Manual Integrations
APPROVED

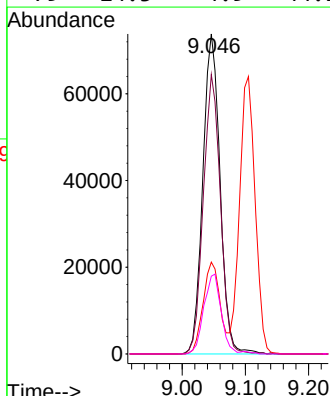
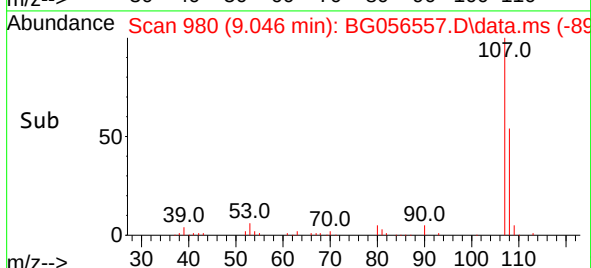
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023

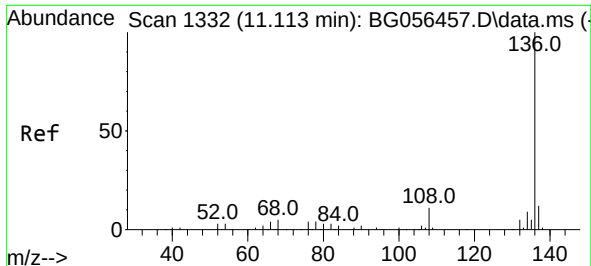


#20
3+4-Methylphenols
Concen: 43.348 ng
RT: 9.046 min Scan# 980
Delta R.T. 0.001 min
Lab File: BG056557.D
Acq: 6 Feb 2023 16:24



Tgt Ion:107 Resp: 139486
Ion Ratio Lower Upper
107 100
108 87.3 66.7 106.7
77 28.7 10.6 50.6
79 24.3 4.9 44.9





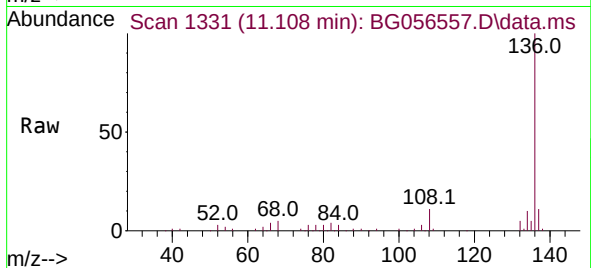
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.108 min Scan# 1331
Delta R.T. 0.001 min
Lab File: BG056557.D
Acq: 6 Feb 2023 16:24

Instrument :

BNA_G

ClientSampleId :

B-01-SB02MSD

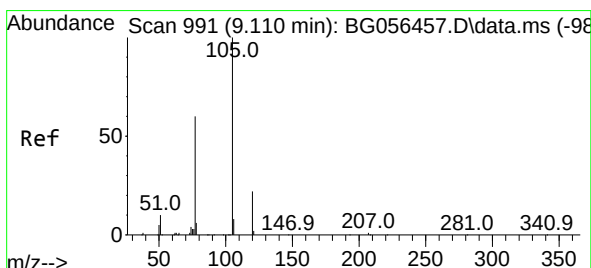
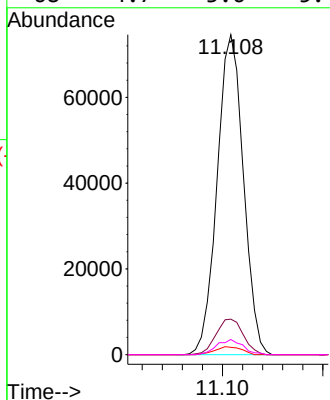
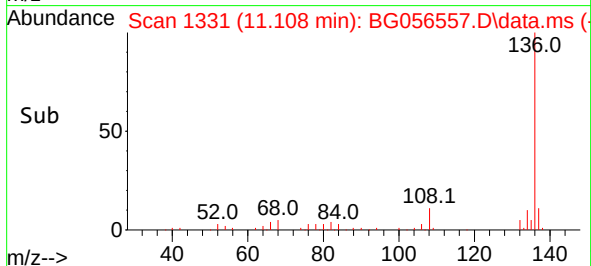


Tgt Ion:136 Resp: 135736
Ion Ratio Lower Upper
136 100
137 11.1 9.4 14.0
54 2.3 2.2 3.4
68 4.7 3.6 5.4

Manual Integrations

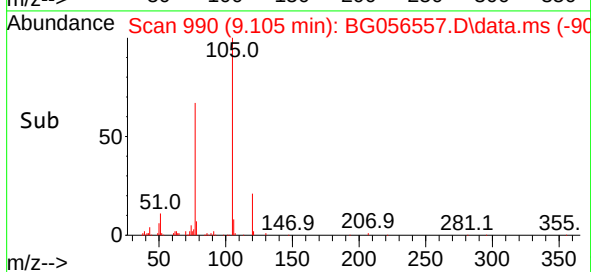
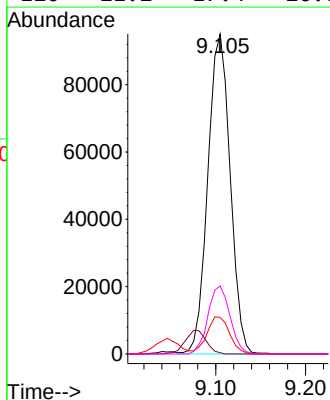
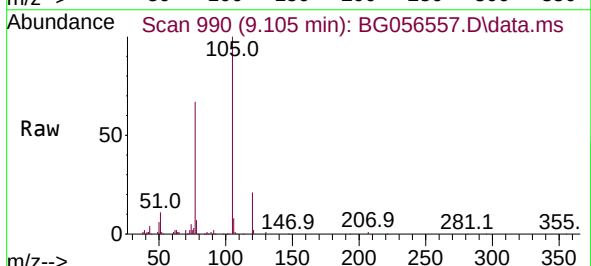
APPROVED

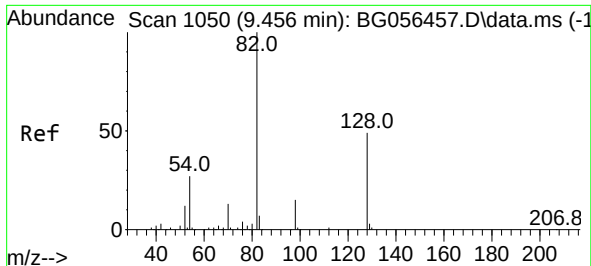
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023



#22
Acetophenone
Concen: 45.784 ng
RT: 9.105 min Scan# 990
Delta R.T. 0.001 min
Lab File: BG056557.D
Acq: 6 Feb 2023 16:24

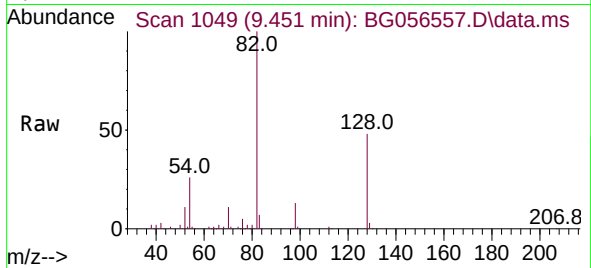
Tgt Ion:105 Resp: 165121
Ion Ratio Lower Upper
105 100
71 0.4 0.6 0.8
51 11.4 9.2 13.8
120 21.2 17.4 26.0





#23
Nitrobenzene-d5
Concen: 78.470 ng
RT: 9.451 min Scan# 1049
Delta R.T. 0.001 min
Lab File: BG056557.D
Acq: 6 Feb 2023 16:24

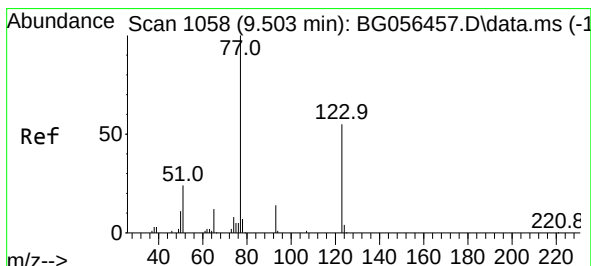
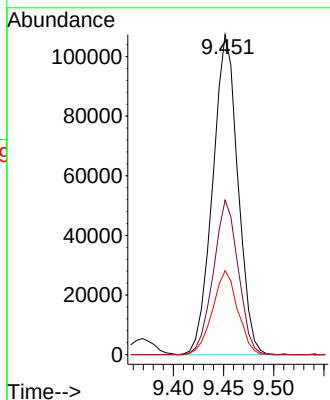
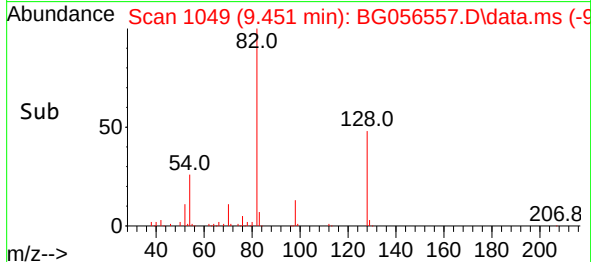
Instrument :
BNA_G
ClientSampleId :
B-01-SB02MSD



Tgt Ion: 82 Resp: 18757
Ion Ratio Lower Upper
82 100
128 48.3 39.4 59.2
54 26.2 21.4 32.2

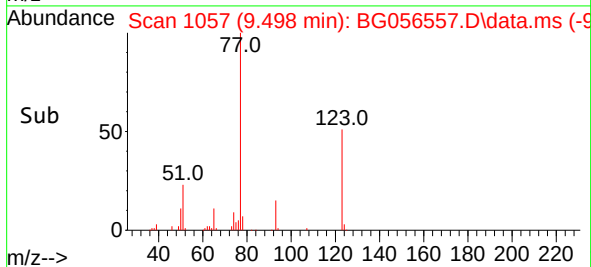
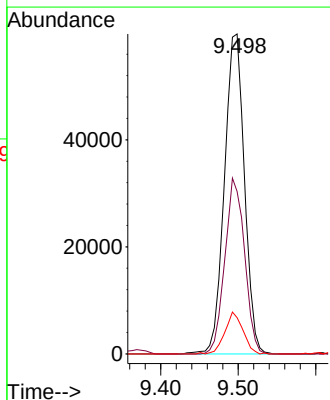
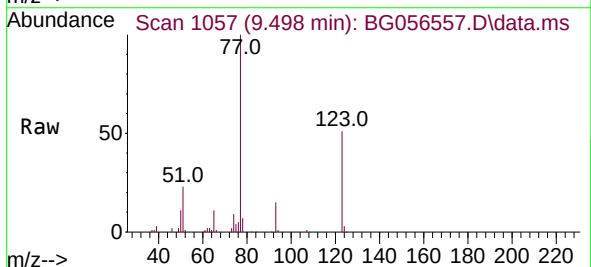
Manual Integrations
APPROVED

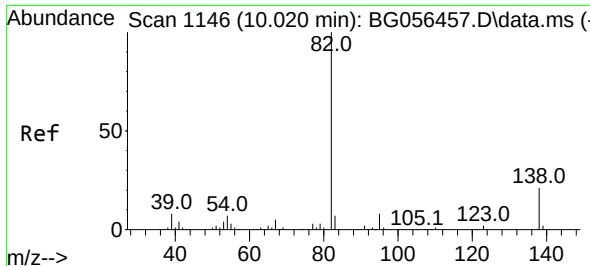
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023



#24
Nitrobenzene
Concen: 46.635 ng
RT: 9.498 min Scan# 1057
Delta R.T. 0.007 min
Lab File: BG056557.D
Acq: 6 Feb 2023 16:24

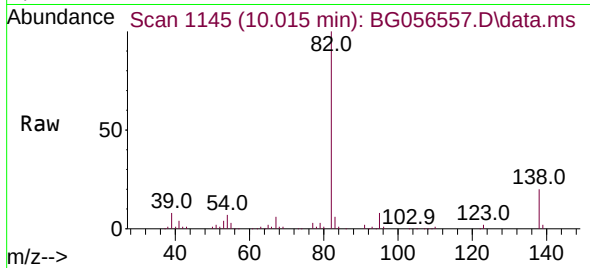
Tgt Ion: 77 Resp: 107524
Ion Ratio Lower Upper
77 100
123 50.8 44.0 66.0
65 11.3 9.7 14.5





#25
Isophorone
Concen: 42.511 ng
RT: 10.015 min Scan# 1145
Delta R.T. 0.001 min
Lab File: BG056557.D
Acq: 6 Feb 2023 16:24

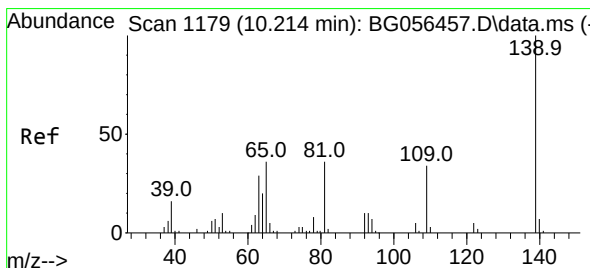
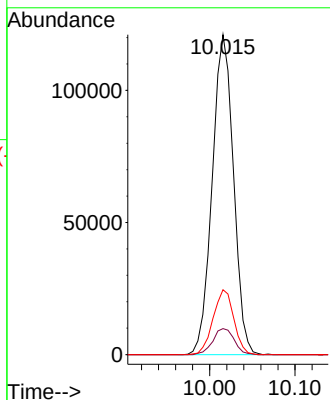
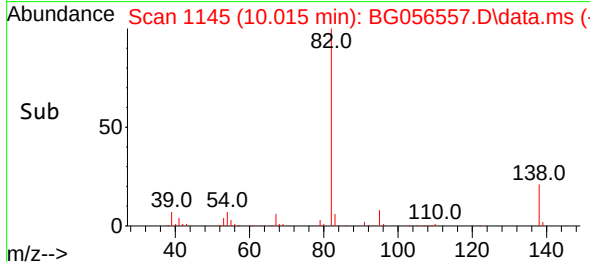
Instrument :
BNA_G
ClientSampleId :
B-01-SB02MSD



Tgt Ion: 82 Resp: 209639
Ion Ratio Lower Upper
82 100
95 8.1 6.3 9.5
138 20.3 16.6 25.0

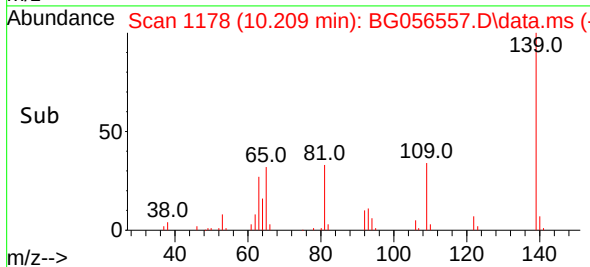
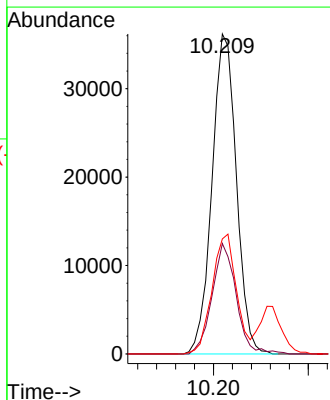
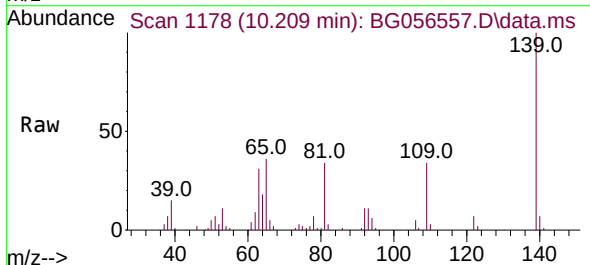
Manual Integrations
APPROVED

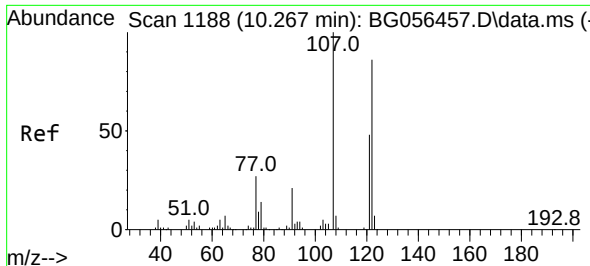
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023



#26
2-Nitrophenol
Concen: 46.120 ng
RT: 10.209 min Scan# 1178
Delta R.T. 0.001 min
Lab File: BG056557.D
Acq: 6 Feb 2023 16:24

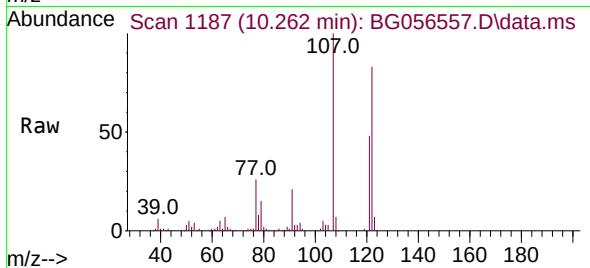
Tgt Ion:139 Resp: 64518
Ion Ratio Lower Upper
139 100
109 34.5 26.9 40.3
65 35.9 29.0 43.4





#27
2,4-Dimethylphenol
Concen: 49.592 ng
RT: 10.262 min Scan# 1188
Delta R.T. 0.007 min
Lab File: BG056557.D
Acq: 6 Feb 2023 16:24

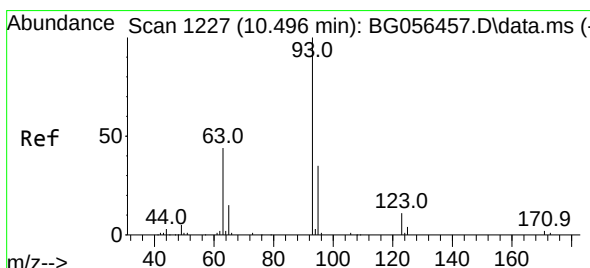
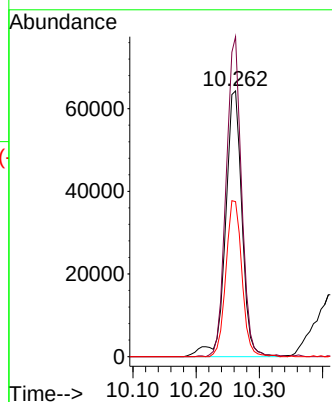
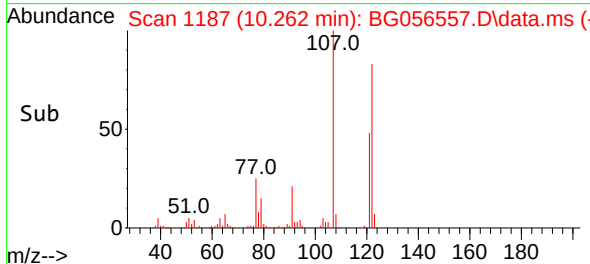
Instrument :
BNA_G
ClientSampleId :
B-01-SB02MSD



Tgt Ion:122 Resp: 116104
Ion Ratio Lower Upper
122 100
107 120.5 92.9 139.3
121 58.3 45.0 67.4

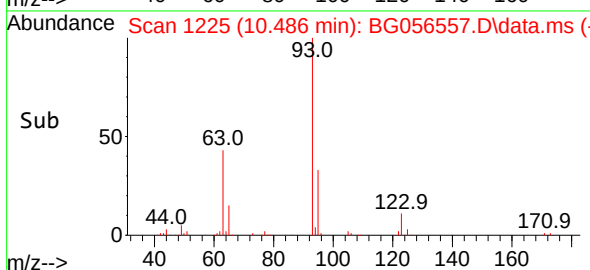
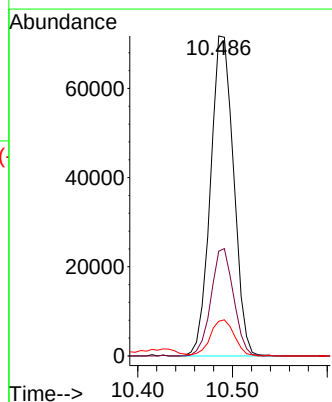
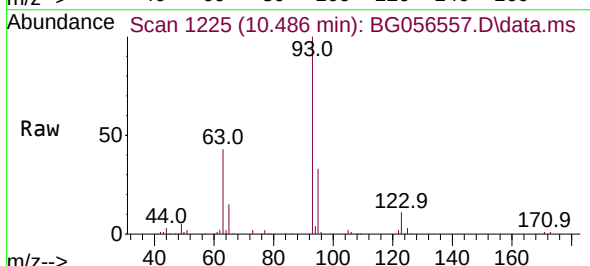
Manual Integrations
APPROVED

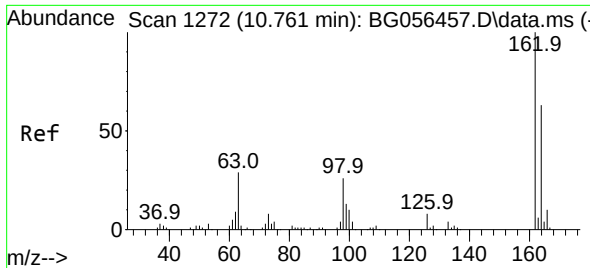
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023



#28
bis(2-Chloroethoxy)methane
Concen: 44.687 ng
RT: 10.486 min Scan# 1225
Delta R.T. -0.005 min
Lab File: BG056557.D
Acq: 6 Feb 2023 16:24

Tgt Ion: 93 Resp: 121739
Ion Ratio Lower Upper
93 100
95 32.7 27.9 41.9
123 10.8 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 49.116 ng

RT: 10.750 min Scan# 1270

Delta R.T. -0.005 min

Lab File: BG056557.D

Acq: 6 Feb 2023 16:24

Instrument :

BNA_G

ClientSampleId :

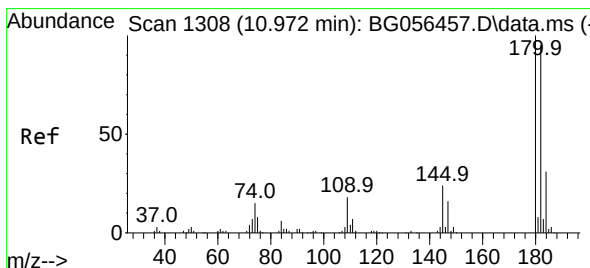
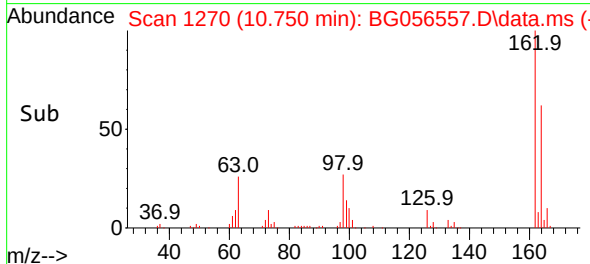
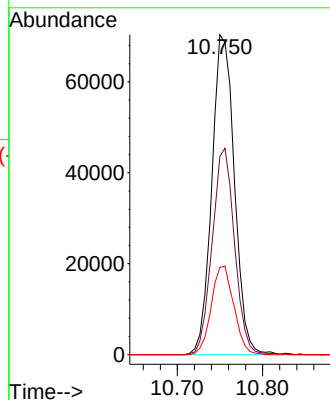
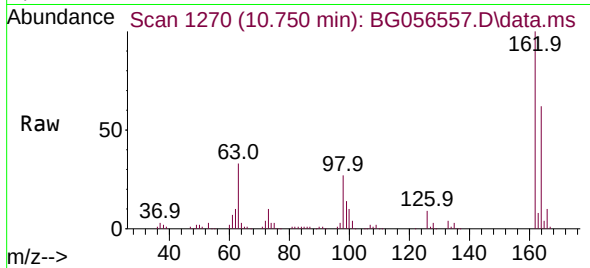
B-01-SB02MSD

Tgt Ion:162 Resp: 129437
 Ion Ratio Lower Upper
 162 100
 164 62.0 42.8 82.8
 98 27.2 6.5 46.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/07/2023
 Supervised By :Jagrut Upadhyay 02/07/2023



#30

1,2,4-Trichlorobenzene

Concen: 47.587 ng

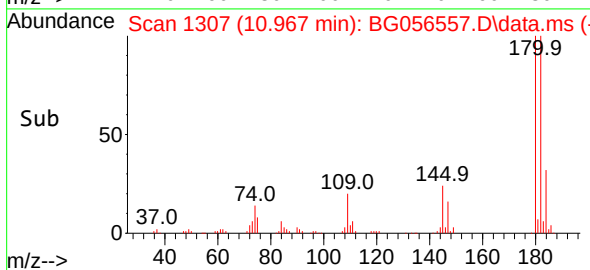
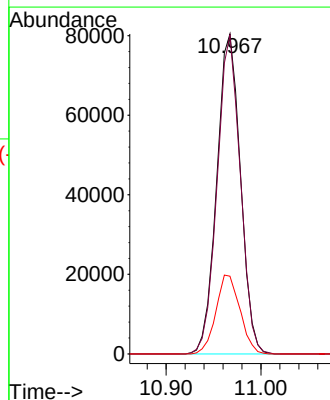
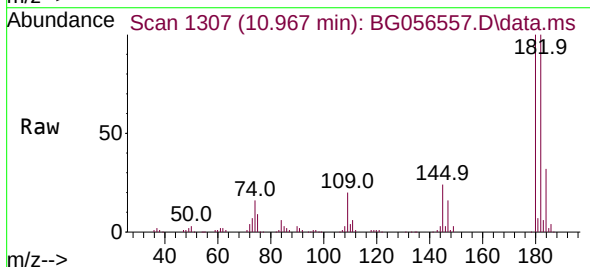
RT: 10.967 min Scan# 1307

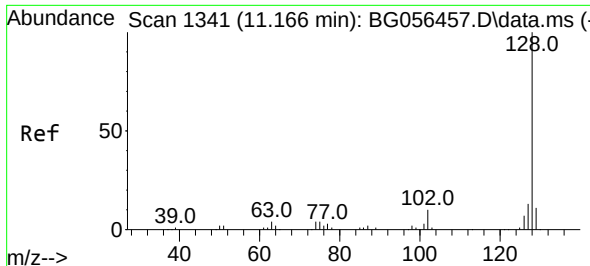
Delta R.T. 0.001 min

Lab File: BG056557.D

Acq: 6 Feb 2023 16:24

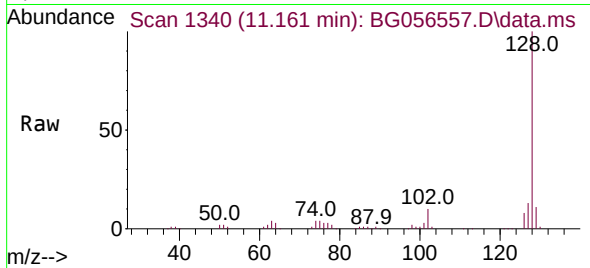
Tgt Ion:180 Resp: 139358
 Ion Ratio Lower Upper
 180 100
 182 99.6 75.9 113.9
 145 24.3 19.4 29.0





#31
Naphthalene
Concen: 45.834 ng
RT: 11.161 min Scan# 1341
Delta R.T. 0.001 min
Lab File: BG056557.D
Acq: 6 Feb 2023 16:24

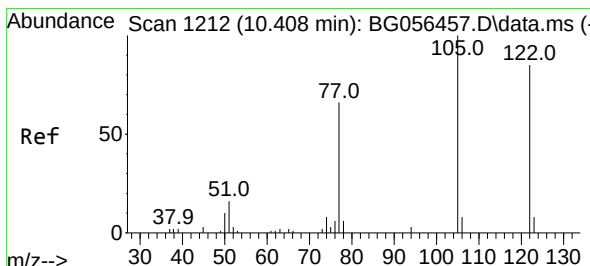
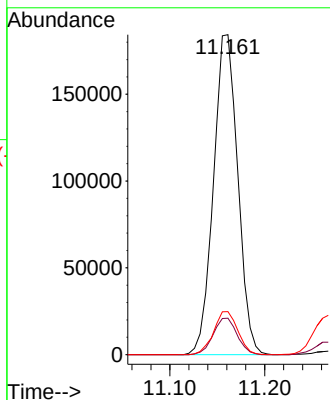
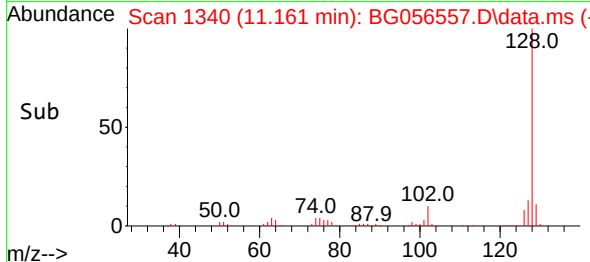
Instrument :
BNA_G
ClientSampleId :
B-01-SB02MSD



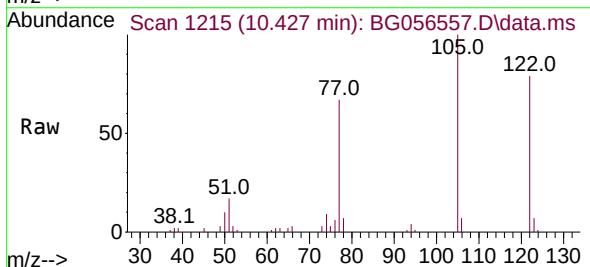
Tgt Ion:128 Resp: 328364
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 13.4 10.4 15.6

Manual Integrations
APPROVED

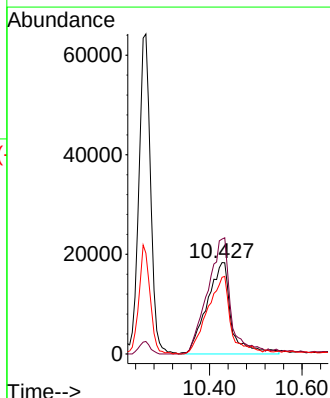
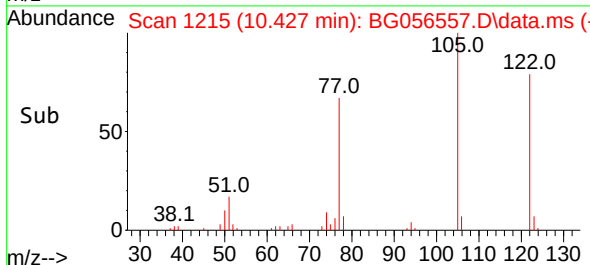
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023

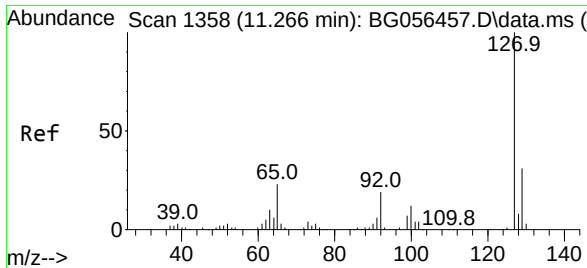


#32
Benzoic acid
Concen: 51.412 ng m
RT: 10.427 min Scan# 1215
Delta R.T. 0.019 min
Lab File: BG056557.D
Acq: 6 Feb 2023 16:24



Tgt Ion:122 Resp: 67342
Ion Ratio Lower Upper
122 100
105 125.9 96.5 136.5
77 83.8 57.3 97.3





#33
4-Chloroaniline
Concen: 16.212 ng
RT: 11.267 min Scan# 1358
Delta R.T. 0.007 min
Lab File: BG056557.D
Acq: 6 Feb 2023 16:24

Instrument :

BNA_G

ClientSampleId :

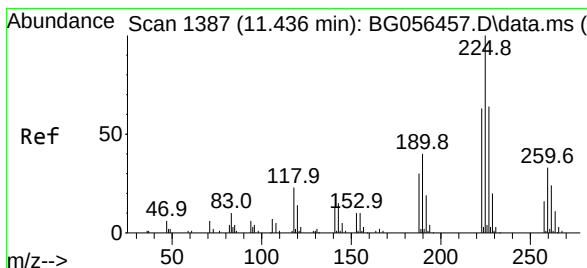
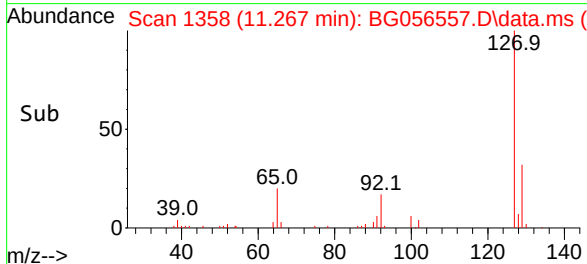
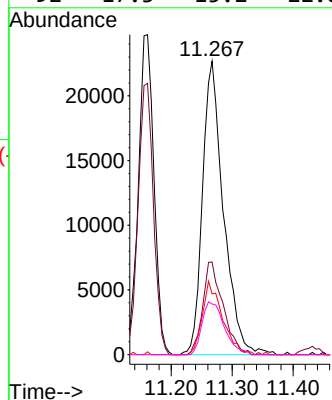
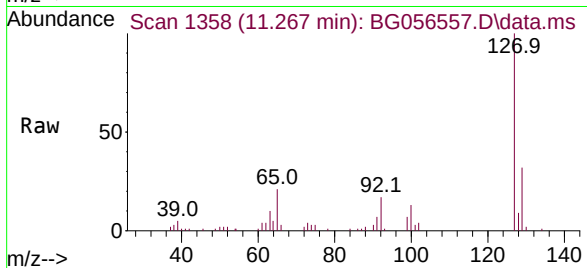
B-01-SB02MSD

Tgt Ion:127 Resp: 5421
Ion Ratio Lower Upper
127 100
129 31.6 25.0 37.6
65 20.8 18.5 27.7
92 17.3 15.2 22.8

Manual Integrations

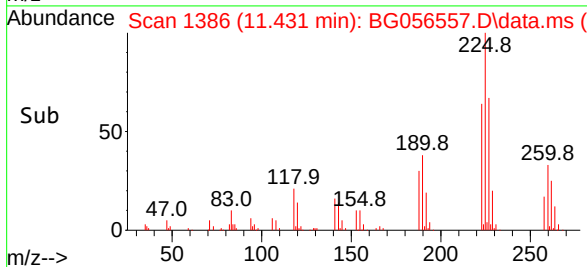
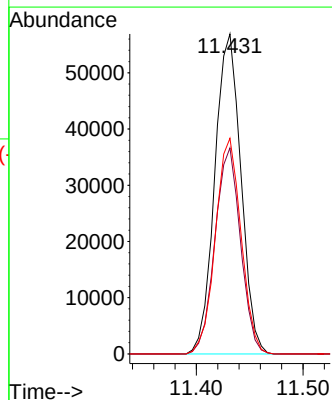
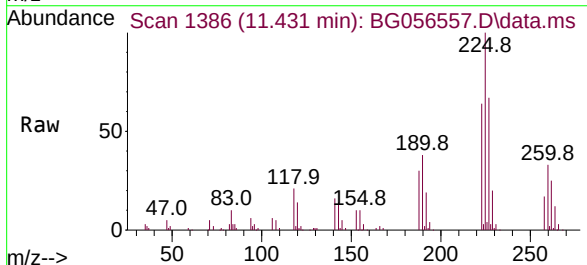
APPROVED

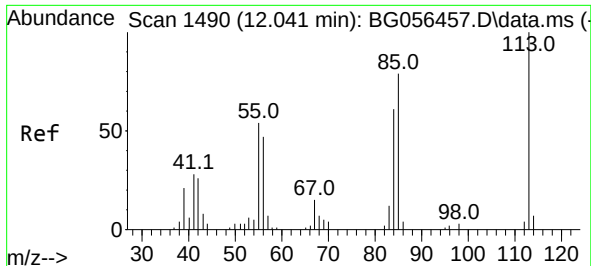
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023



#34
Hexachlorobutadiene
Concen: 47.189 ng
RT: 11.431 min Scan# 1386
Delta R.T. 0.001 min
Lab File: BG056557.D
Acq: 6 Feb 2023 16:24

Tgt Ion:225 Resp: 97003
Ion Ratio Lower Upper
225 100
223 64.4 50.6 75.8
227 67.4 53.7 80.5





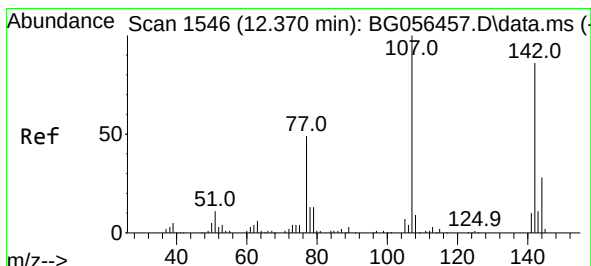
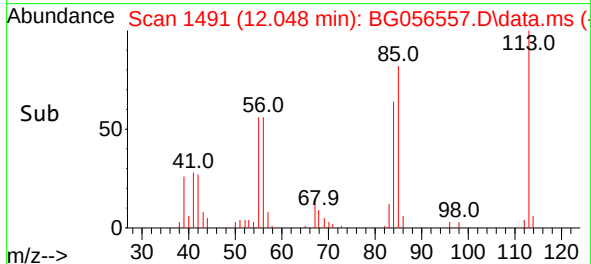
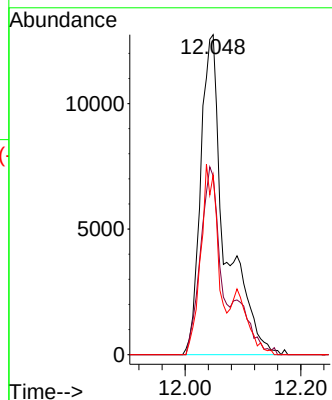
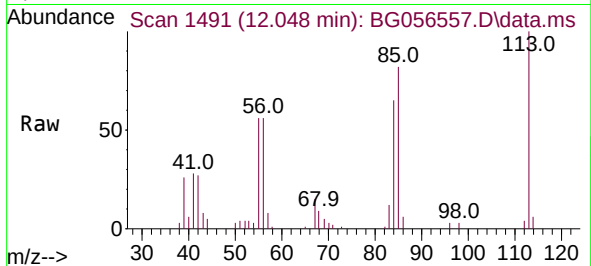
#35
Caprolactam
Concen: 42.508 ng m
RT: 12.048 min Scan# 1490
Delta R.T. 0.007 min
Lab File: BG056557.D
Acq: 6 Feb 2023 16:24

Instrument :
BNA_G
ClientSampleId :
B-01-SB02MSD

Tgt Ion:113 Resp: 37780
Ion Ratio Lower Upper
113 100
55 55.8 33.7 73.7
56 56.1 27.1 67.1

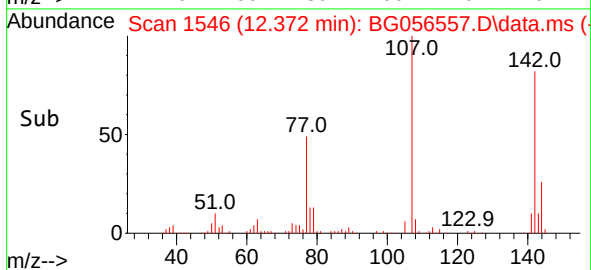
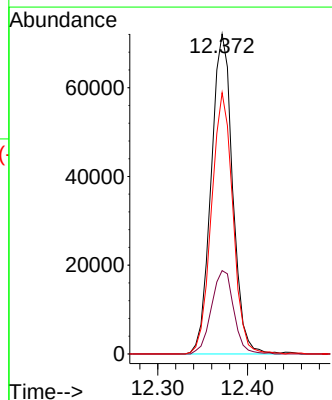
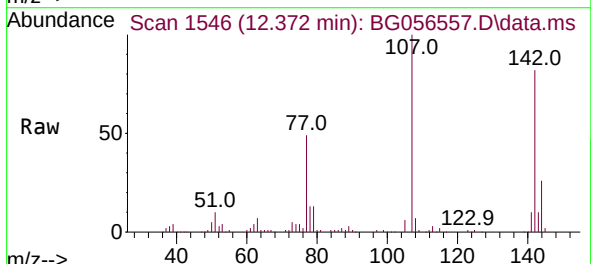
Manual Integrations
APPROVED

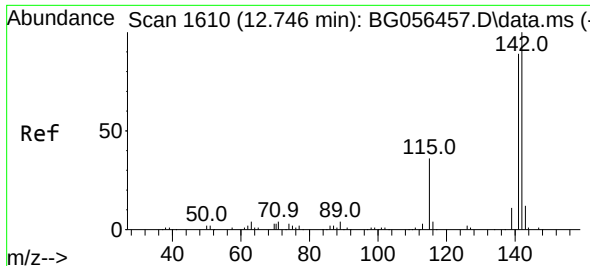
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023



#36
4-Chloro-3-methylphenol
Concen: 47.184 ng
RT: 12.372 min Scan# 1546
Delta R.T. 0.001 min
Lab File: BG056557.D
Acq: 6 Feb 2023 16:24

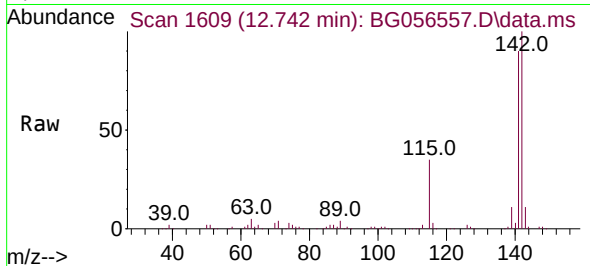
Tgt Ion:107 Resp: 120083
Ion Ratio Lower Upper
107 100
144 26.1 22.3 33.5
142 81.6 68.9 103.3





#37
2-Methylnaphthalene
Concen: 42.556 ng
RT: 12.742 min Scan# 1609
Delta R.T. -0.005 min
Lab File: BG056557.D
Acq: 6 Feb 2023 16:24

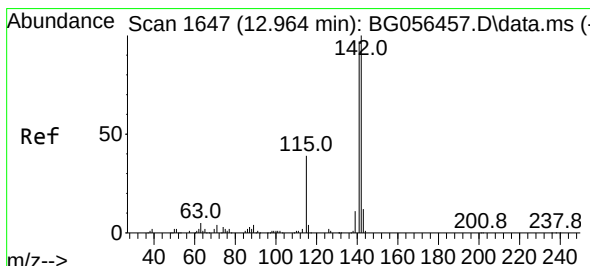
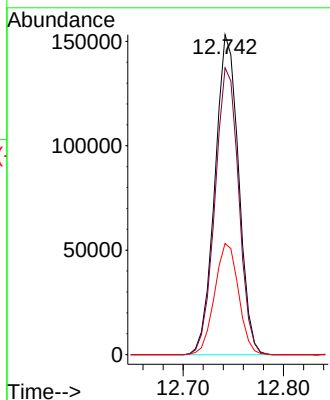
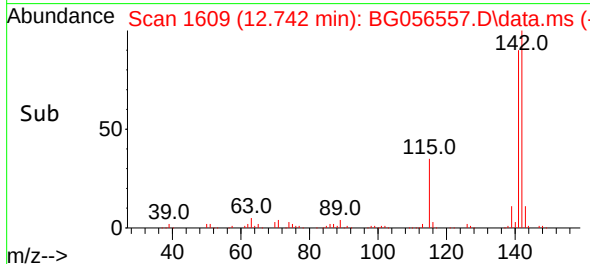
Instrument :
BNA_G
ClientSampleId :
B-01-SB02MSD



Tgt Ion:142 Resp: 251349
Ion Ratio Lower Upper
142 100
141 89.6 71.4 107.0
115 34.7 28.4 42.6

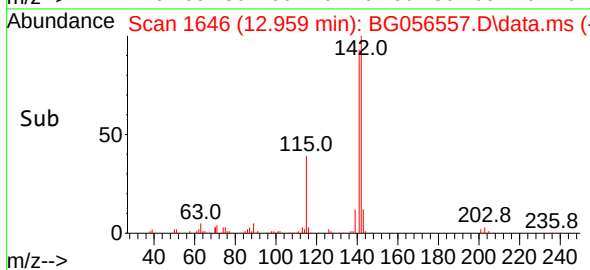
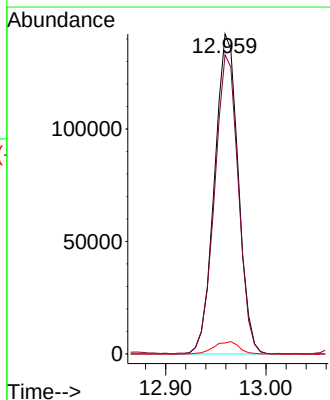
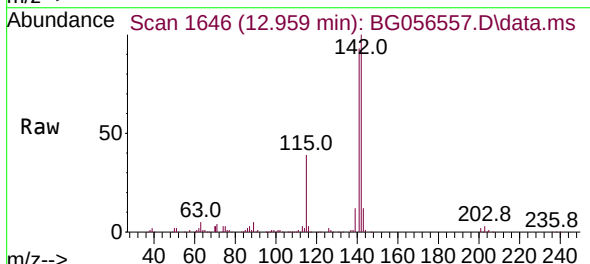
Manual Integrations
APPROVED

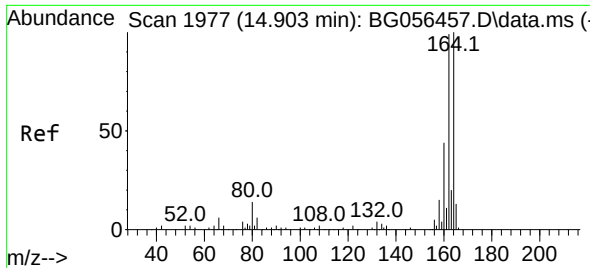
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023



#38
1-Methylnaphthalene
Concen: 42.265 ng
RT: 12.959 min Scan# 1646
Delta R.T. -0.005 min
Lab File: BG056557.D
Acq: 6 Feb 2023 16:24

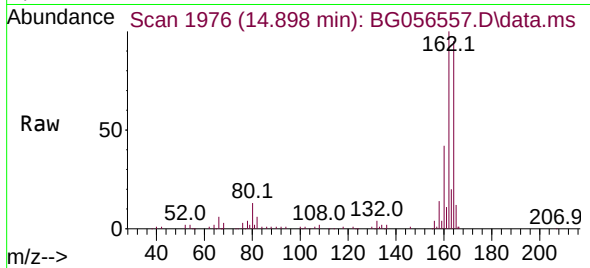
Tgt Ion:142 Resp: 233137
Ion Ratio Lower Upper
142 100
141 93.5 77.7 116.5
116 3.4 3.4 5.2#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.898 min Scan# 1977
Delta R.T. 0.001 min
Lab File: BG056557.D
Acq: 6 Feb 2023 16:24

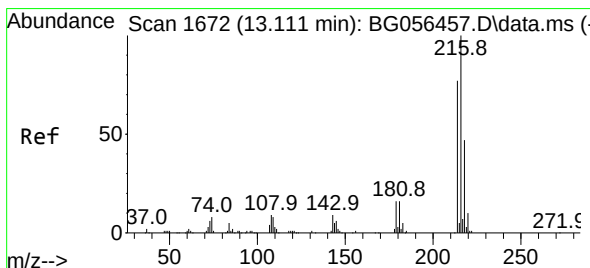
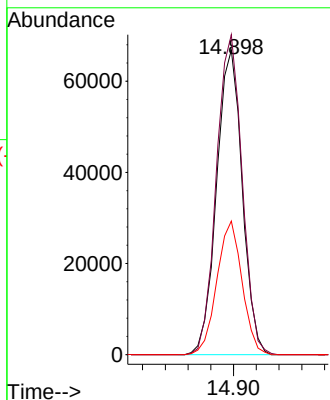
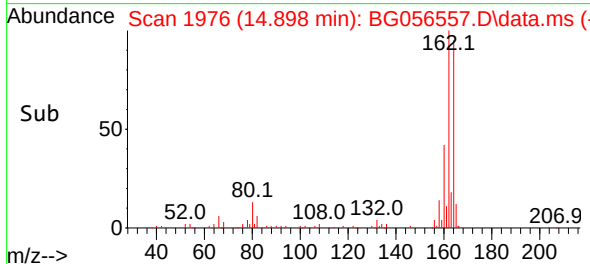
Instrument :
BNA_G
ClientSampleId :
B-01-SB02MSD



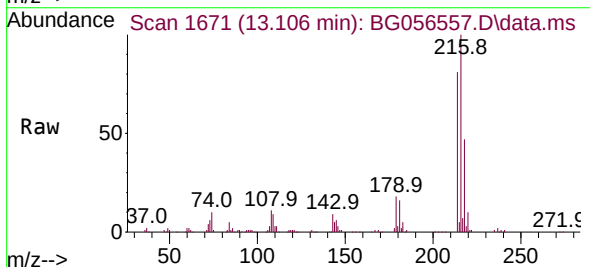
Tgt Ion:164 Resp: 10455
Ion Ratio Lower Upper
164 100
162 105.0 79.6 119.4
160 43.8 34.9 52.3

Manual Integrations
APPROVED

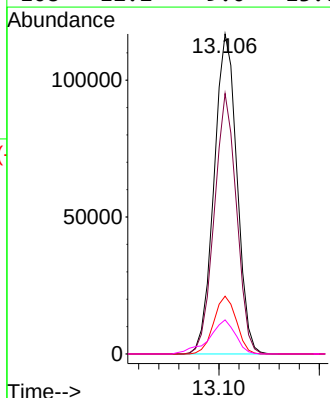
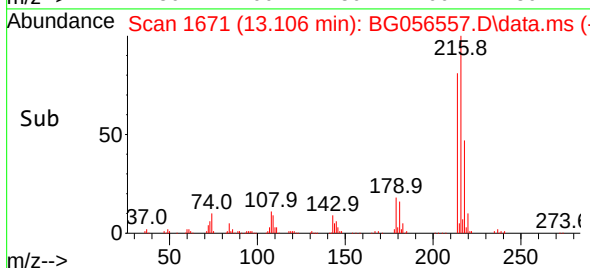
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023

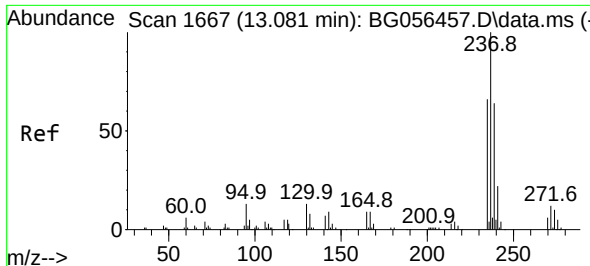


#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.459 ng
RT: 13.106 min Scan# 1671
Delta R.T. 0.001 min
Lab File: BG056557.D
Acq: 6 Feb 2023 16:24



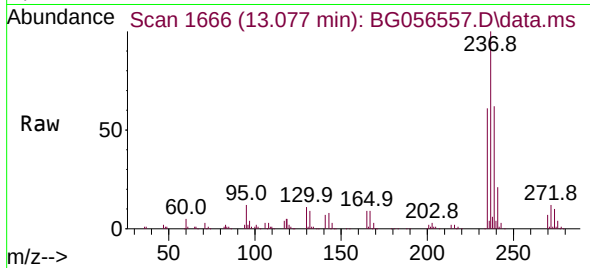
Tgt Ion:216 Resp: 185103
Ion Ratio Lower Upper
216 100
214 79.0 63.0 94.6
179 17.8 14.1 21.1
108 12.2 9.0 13.6





#41
Hexachlorocyclopentadiene
Concen: 78.303 ng
RT: 13.077 min Scan# 1666
Delta R.T. -0.005 min
Lab File: BG056557.D
Acq: 6 Feb 2023 16:24

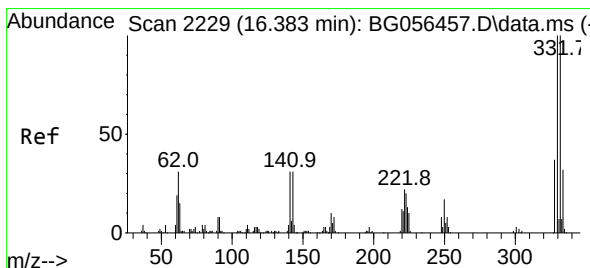
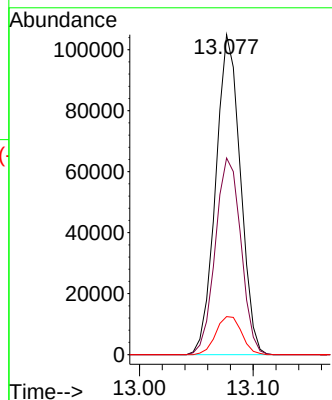
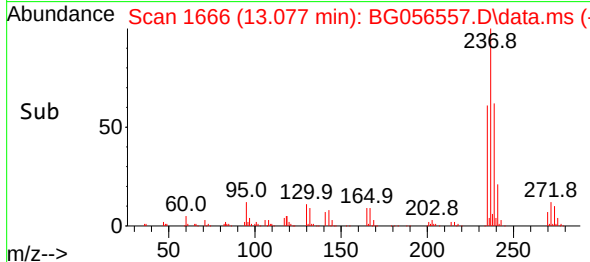
Instrument :
BNA_G
ClientSampleId :
B-01-SB02MSD



Tgt Ion:237 Resp: 158256
Ion Ratio Lower Upper
237 100
235 61.4 45.6 85.6
272 11.9 0.0 32.3

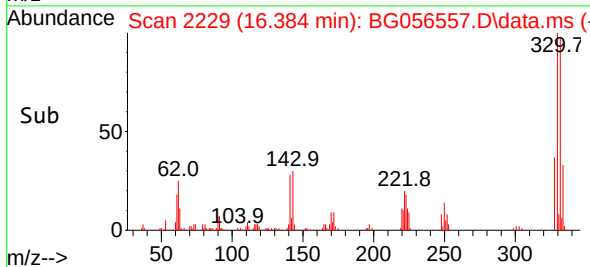
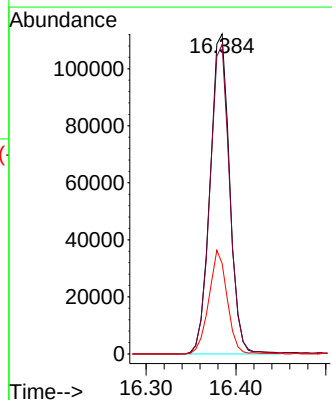
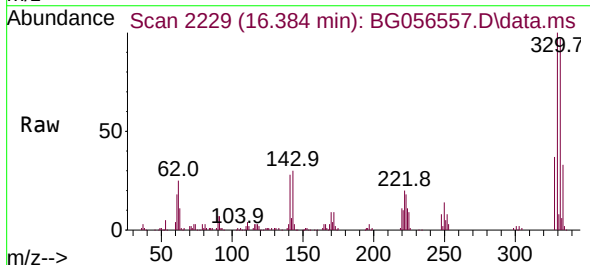
Manual Integrations
APPROVED

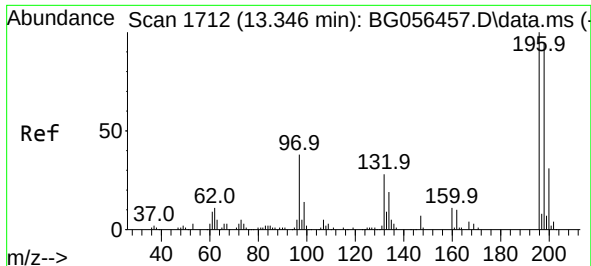
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023



#42
2,4,6-Tribromophenol
Concen: 122.105 ng
RT: 16.384 min Scan# 2229
Delta R.T. 0.001 min
Lab File: BG056557.D
Acq: 6 Feb 2023 16:24

Tgt Ion:330 Resp: 169726
Ion Ratio Lower Upper
330 100
332 97.5 79.0 118.6
141 30.4 24.2 36.4





#43

2,4,6-Trichlorophenol

Concen: 48.984 ng

RT: 13.341 min Scan# 1712

Delta R.T. -0.005 min

Lab File: BG056557.D

Acq: 6 Feb 2023 16:24

Instrument :

BNA_G

ClientSampleId :

B-01-SB02MSD

Tgt Ion:196 Resp: 120576

Ion Ratio Lower Upper

196 100

198 94.9 75.4 113.0

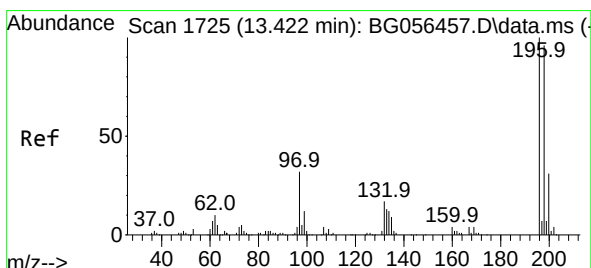
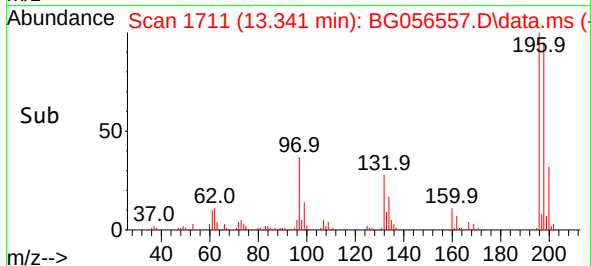
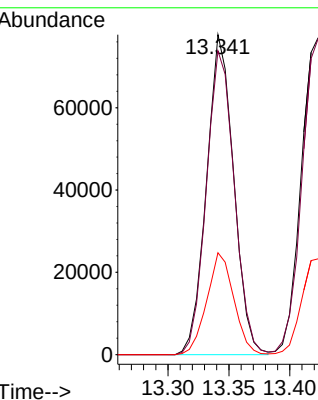
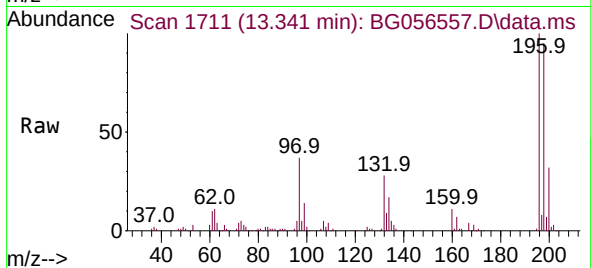
200 31.8 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/07/2023

Supervised By :Jagrut Upadhyay 02/07/2023



#44

2,4,5-Trichlorophenol

Concen: 45.552 ng

RT: 13.423 min Scan# 1725

Delta R.T. 0.001 min

Lab File: BG056557.D

Acq: 6 Feb 2023 16:24

Tgt Ion:196 Resp: 131281

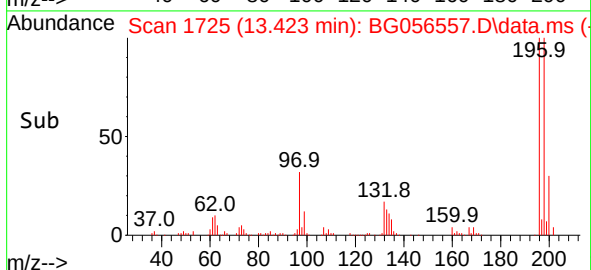
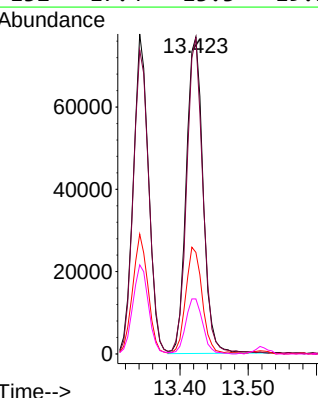
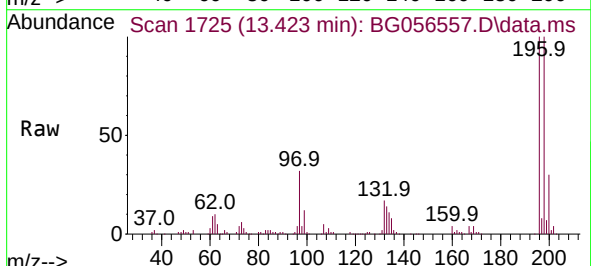
Ion Ratio Lower Upper

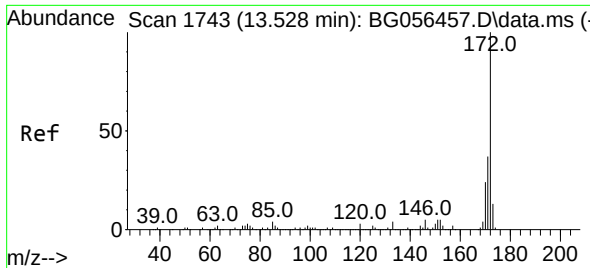
196 100

198 99.7 76.9 115.3

97 32.0 25.8 38.6

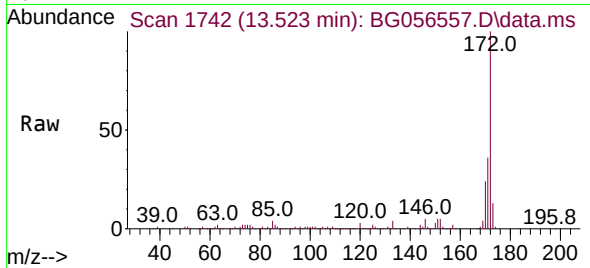
132 17.4 13.3 19.9





#45
2-Fluorobiphenyl
Concen: 75.009 ng
RT: 13.523 min Scan# 1742
Delta R.T. 0.001 min
Lab File: BG056557.D
Acq: 6 Feb 2023 16:24

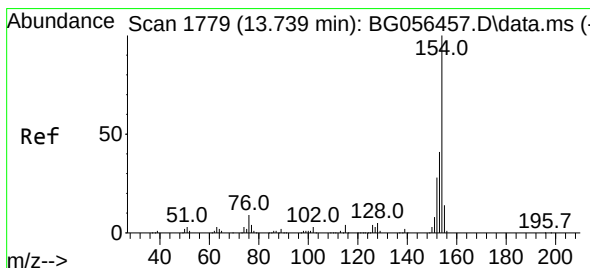
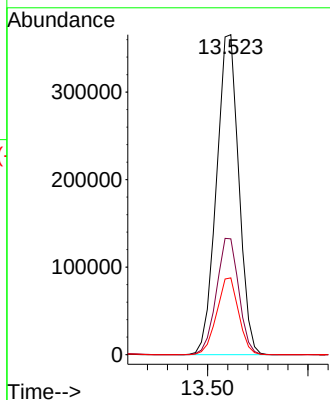
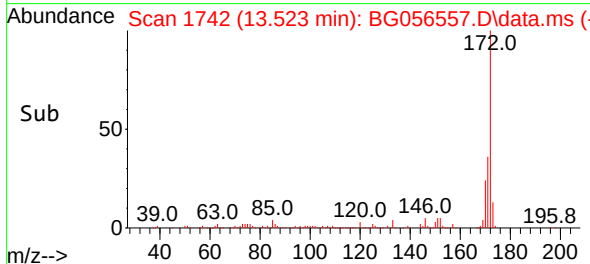
Instrument :
BNA_G
ClientSampleId :
B-01-SB02MSD



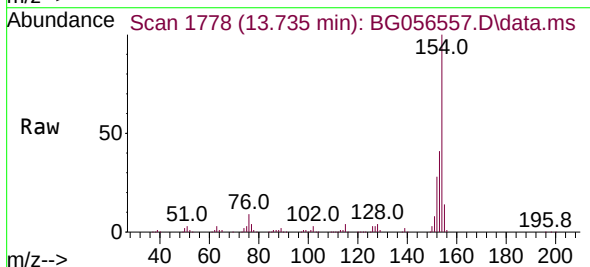
Tgt Ion:172 Resp: 565662
Ion Ratio Lower Upper
172 100
171 36.2 29.5 44.3
170 24.0 19.2 28.8

Manual Integrations
APPROVED

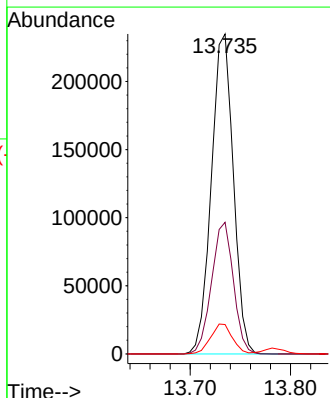
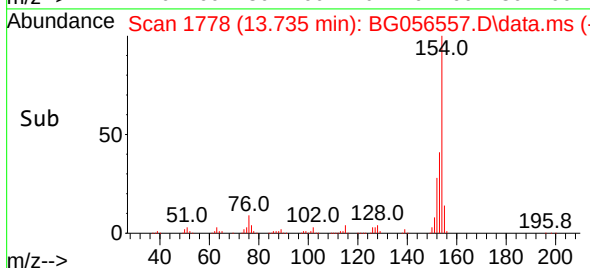
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023

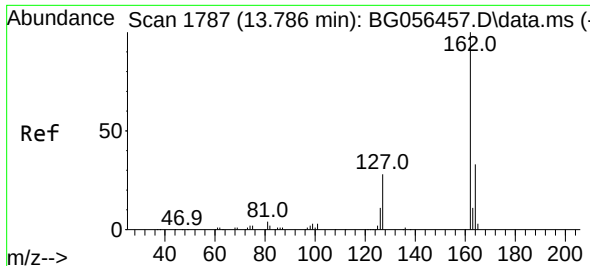


#46
1,1'-Biphenyl
Concen: 47.214 ng
RT: 13.735 min Scan# 1778
Delta R.T. 0.001 min
Lab File: BG056557.D
Acq: 6 Feb 2023 16:24



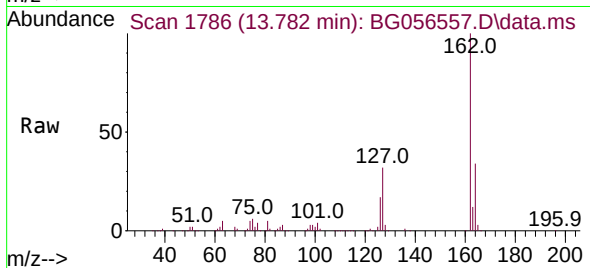
Tgt Ion:154 Resp: 358055
Ion Ratio Lower Upper
154 100
153 41.1 21.5 61.5
76 9.2 0.0 28.8





#47
2-Chloronaphthalene
Concen: 48.205 ng
RT: 13.782 min Scan# 1787
Delta R.T. -0.005 min
Lab File: BG056557.D
Acq: 6 Feb 2023 16:24

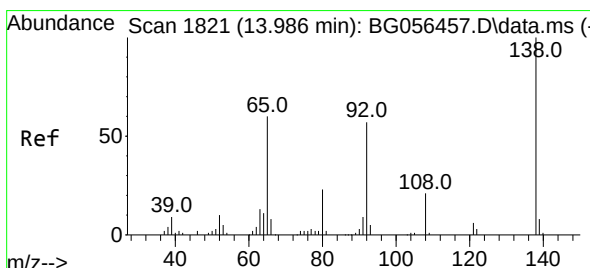
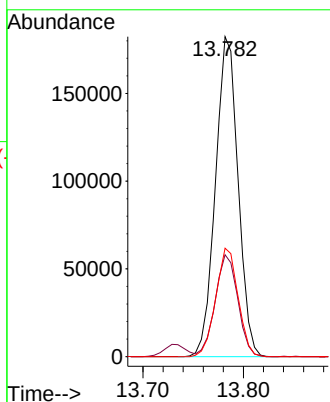
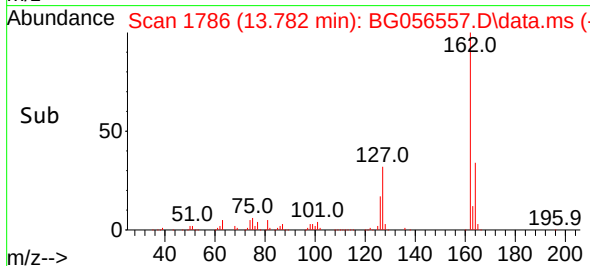
Instrument :
BNA_G
ClientSampleId :
B-01-SB02MSD



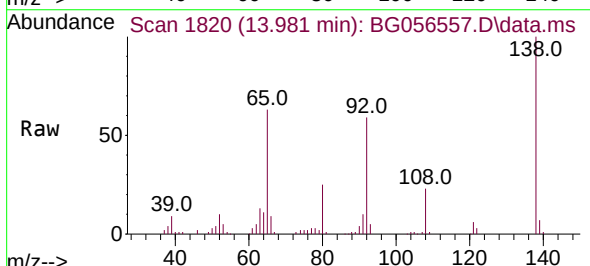
Tgt Ion:162 Resp: 285743
Ion Ratio Lower Upper
162 100
127 31.8 25.2 37.8
164 33.9 26.2 39.2

Manual Integrations
APPROVED

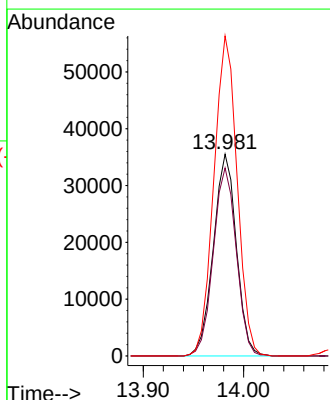
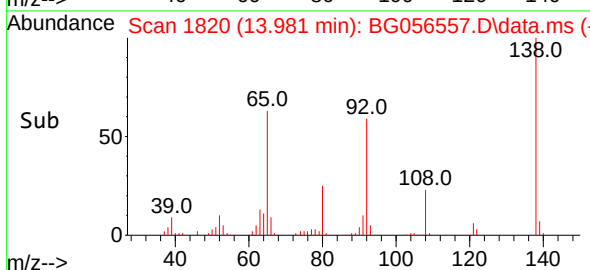
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023

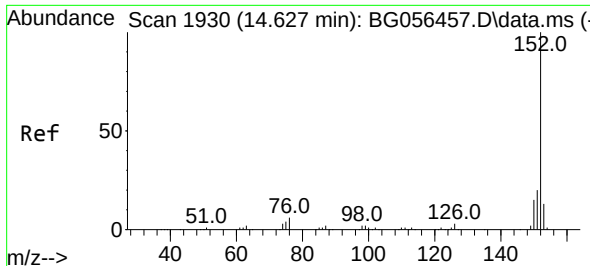


#48
2-Nitroaniline
Concen: 46.204 ng
RT: 13.981 min Scan# 1820
Delta R.T. 0.001 min
Lab File: BG056557.D
Acq: 6 Feb 2023 16:24



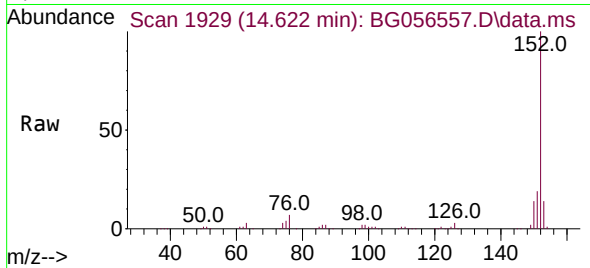
Tgt Ion: 65 Resp: 56617
Ion Ratio Lower Upper
65 100
92 93.2 75.8 113.6
138 158.7 133.2 199.8





#49
Acenaphthylene
Concen: 46.329 ng
RT: 14.622 min Scan# 1930
Delta R.T. -0.005 min
Lab File: BG056557.D
Acq: 6 Feb 2023 16:24

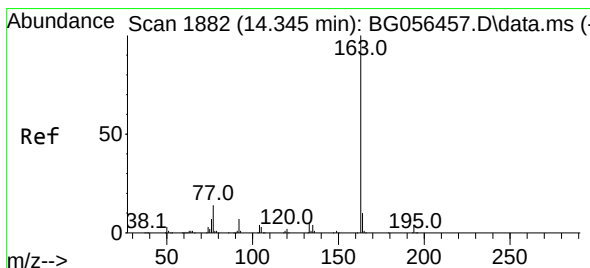
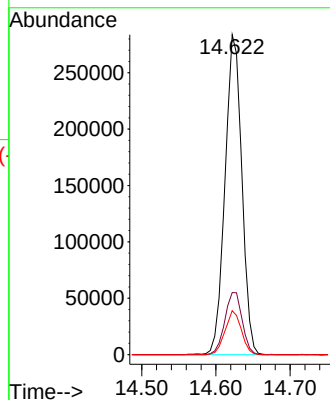
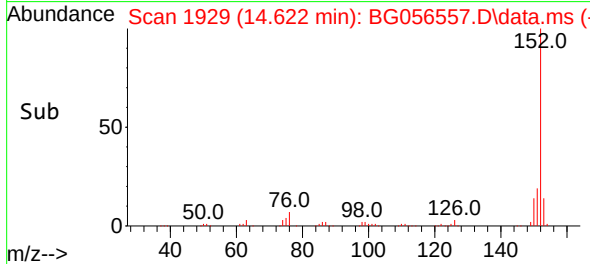
Instrument :
BNA_G
ClientSampleId :
B-01-SB02MSD



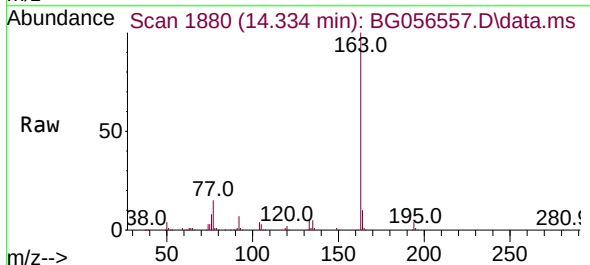
Tgt Ion:152 Resp: 446792
Ion Ratio Lower Upper
152 100
151 19.4 15.9 23.9
153 13.7 10.5 15.7

Manual Integrations
APPROVED

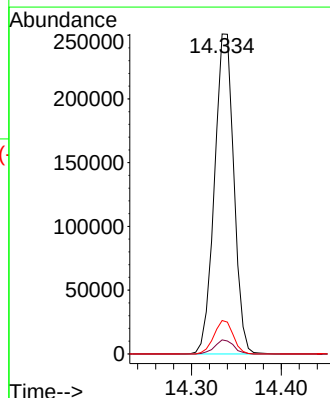
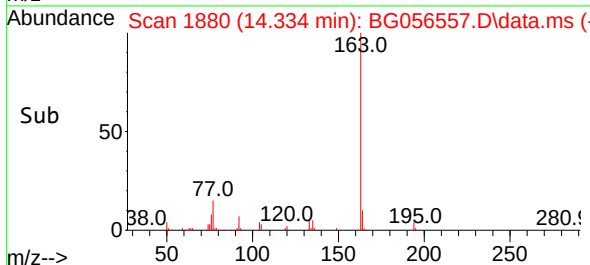
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023

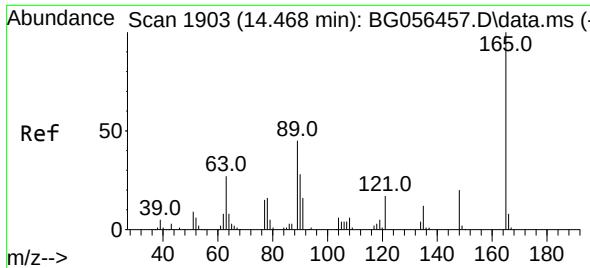


#50
Dimethylphthalate
Concen: 44.574 ng
RT: 14.334 min Scan# 1880
Delta R.T. -0.005 min
Lab File: BG056557.D
Acq: 6 Feb 2023 16:24



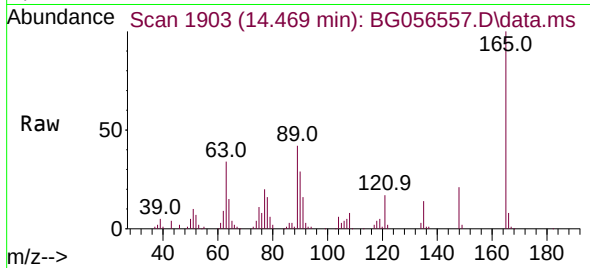
Tgt Ion:163 Resp: 377044
Ion Ratio Lower Upper
163 100
194 4.4 3.5 5.3
164 10.4 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 44.344 ng
RT: 14.469 min Scan# 1903
Delta R.T. 0.001 min
Lab File: BG056557.D
Acq: 6 Feb 2023 16:24

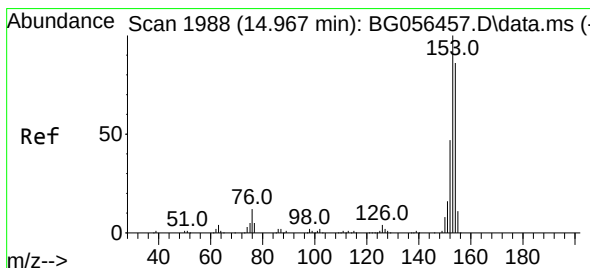
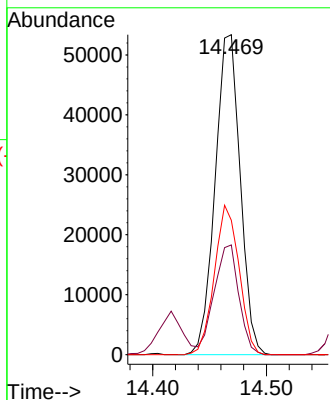
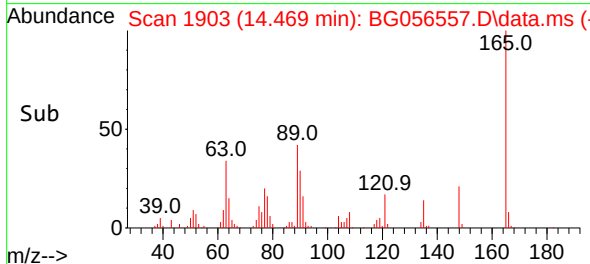
Instrument :
BNA_G
ClientSampleId :
B-01-SB02MSD



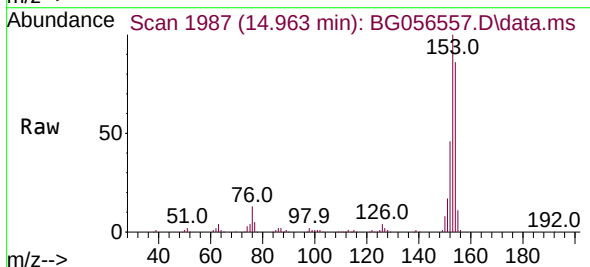
Tgt Ion:165 Resp: 81800
Ion Ratio Lower Upper
165 100
63 34.3 26.9 40.3
89 42.0 35.6 53.4

Manual Integrations
APPROVED

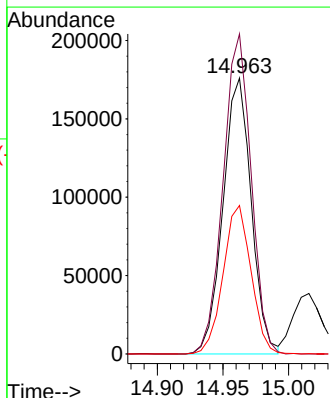
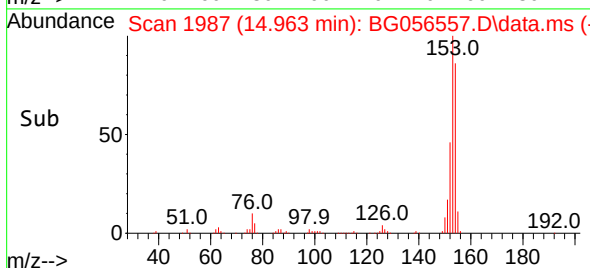
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023

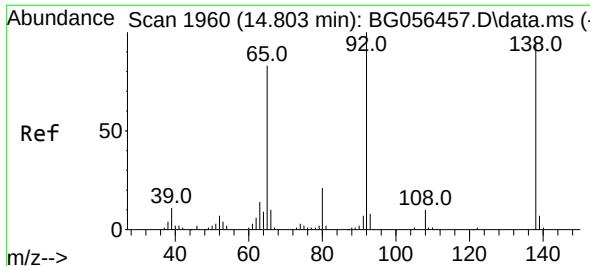


#52
Acenaphthene
Concen: 46.107 ng
RT: 14.963 min Scan# 1987
Delta R.T. 0.001 min
Lab File: BG056557.D
Acq: 6 Feb 2023 16:24



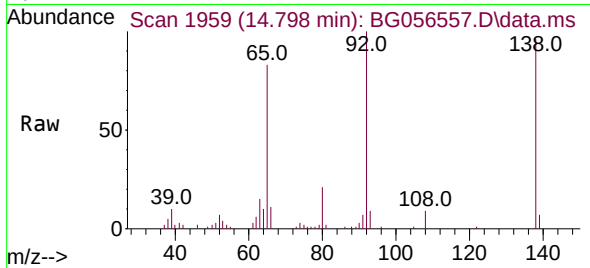
Tgt Ion:154 Resp: 263685
Ion Ratio Lower Upper
154 100
153 116.0 93.4 140.0
152 53.8 43.4 65.2





#53
3-Nitroaniline
Concen: 21.403 ng
RT: 14.798 min Scan# 1959
Delta R.T. -0.005 min
Lab File: BG056557.D
Acq: 6 Feb 2023 16:24

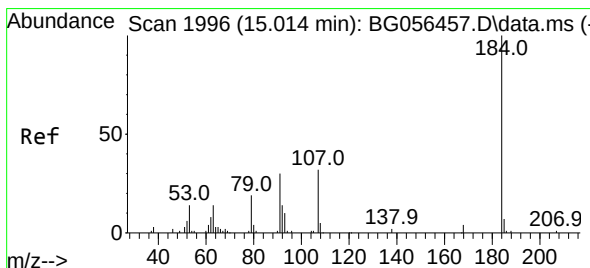
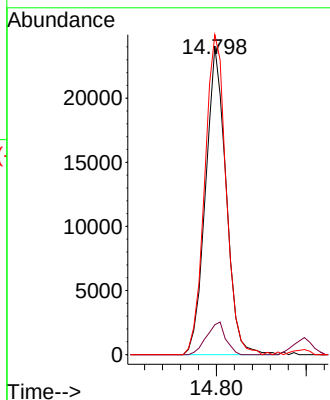
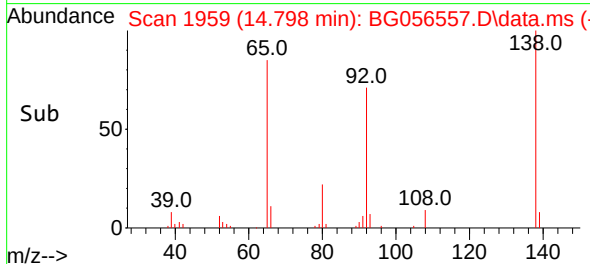
Instrument :
BNA_G
ClientSampleId :
B-01-SB02MSD



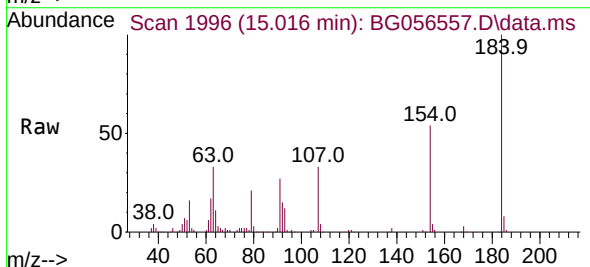
Tgt Ion:138 Resp: 38276
Ion Ratio Lower Upper
138 100
108 9.7 8.0 12.0
92 103.7 84.1 126.1

Manual Integrations
APPROVED

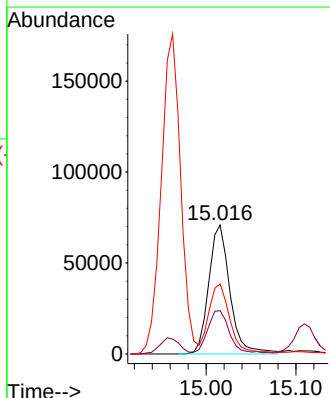
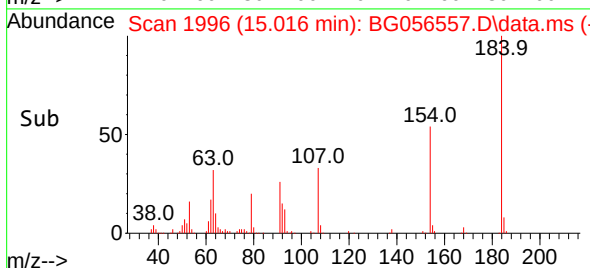
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023

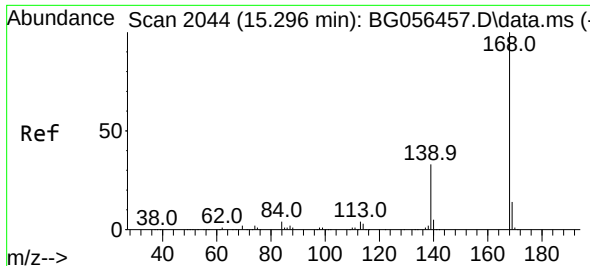


#54
2,4-Dinitrophenol
Concen: 100.567 ng
RT: 15.016 min Scan# 1996
Delta R.T. 0.001 min
Lab File: BG056557.D
Acq: 6 Feb 2023 16:24



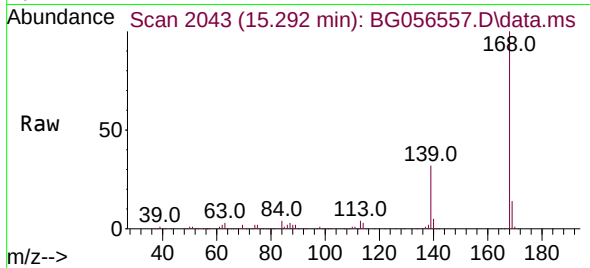
Tgt Ion:184 Resp: 116301
Ion Ratio Lower Upper
184 100
63 33.4 25.1 37.7
154 54.3 44.8 67.2





#55
Dibenzofuran
Concen: 45.618 ng
RT: 15.292 min Scan# 2044
Delta R.T. 0.001 min
Lab File: BG056557.D
Acq: 6 Feb 2023 16:24

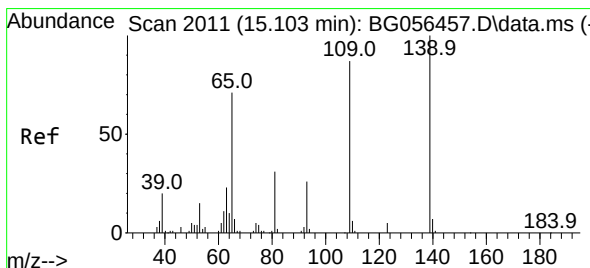
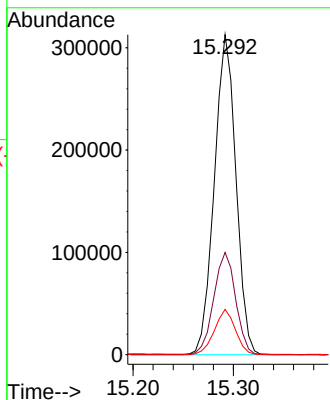
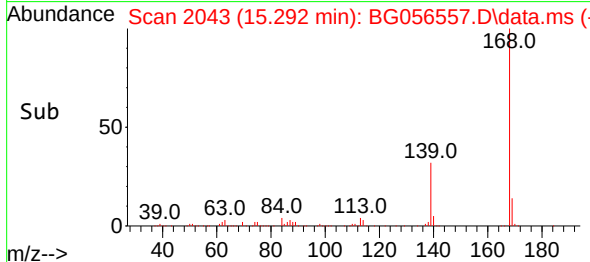
Instrument :
BNA_G
ClientSampleId :
B-01-SB02MSD



Tgt Ion:168 Resp: 467881
Ion Ratio Lower Upper
168 100
139 31.9 26.2 39.2
169 14.1 11.0 16.6

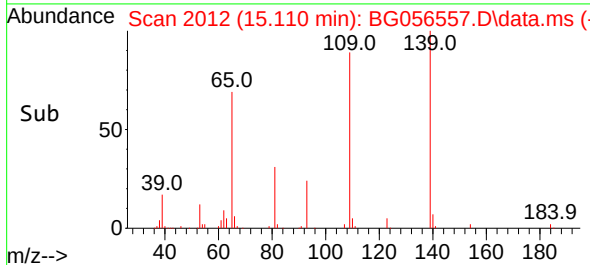
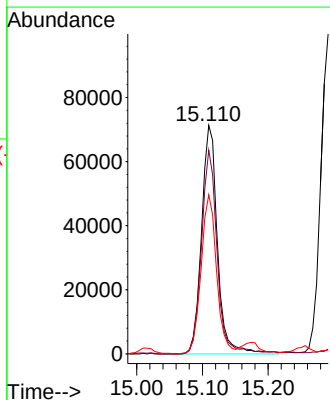
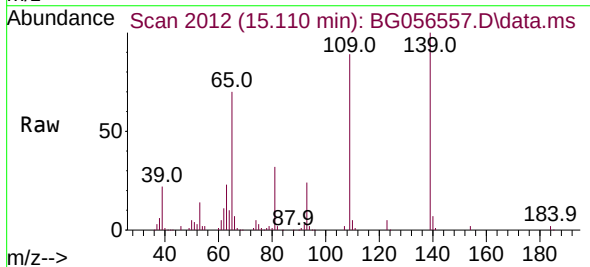
Manual Integrations
APPROVED

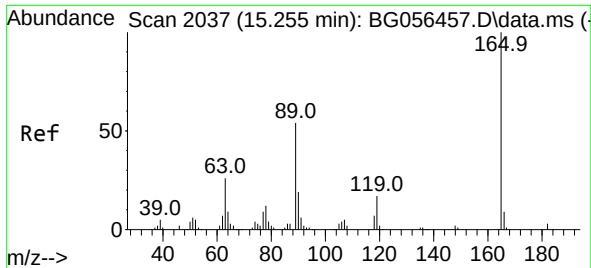
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023



#56
4-Nitrophenol
Concen: 97.915 ng
RT: 15.110 min Scan# 2012
Delta R.T. 0.001 min
Lab File: BG056557.D
Acq: 6 Feb 2023 16:24

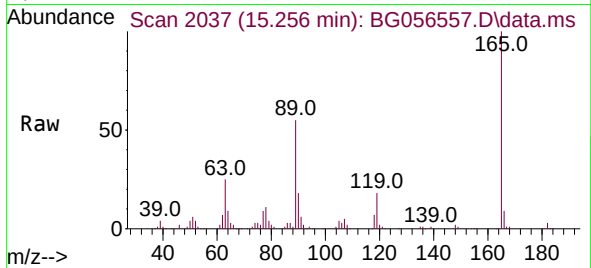
Tgt Ion:139 Resp: 119650
Ion Ratio Lower Upper
139 100
109 89.2 67.5 107.5
65 69.6 50.7 90.7





#57
2,4-Dinitrotoluene
Concen: 45.700 ng
RT: 15.256 min Scan# 2037
Delta R.T. 0.001 min
Lab File: BG056557.D
Acq: 6 Feb 2023 16:24

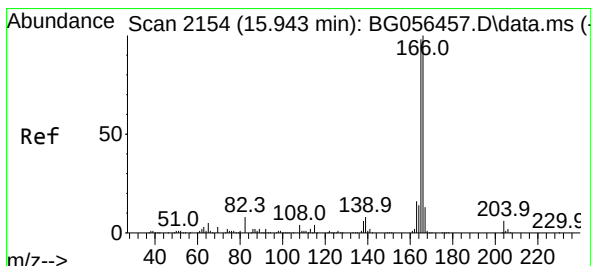
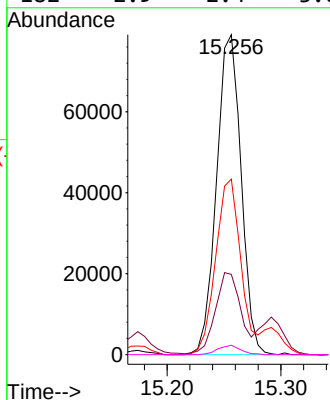
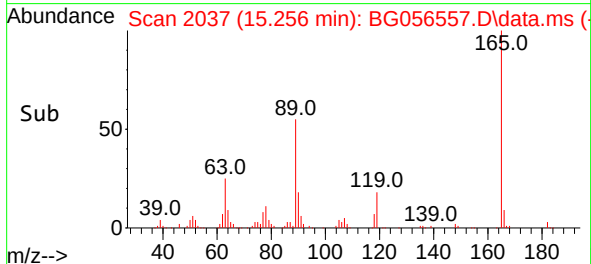
Instrument :
BNA_G
ClientSampleId :
B-01-SB02MSD



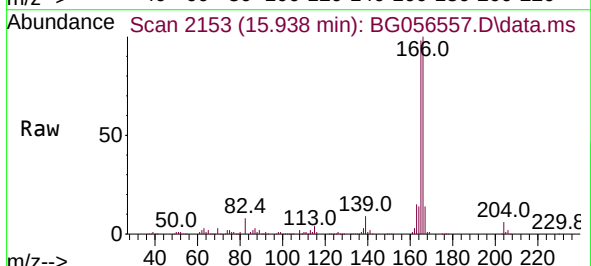
Tgt Ion:165 Resp: 118744
Ion Ratio Lower Upper
165 100
63 25.1 20.6 31.0
89 54.8 43.1 64.7
182 2.9 2.4 3.6

Manual Integrations
APPROVED

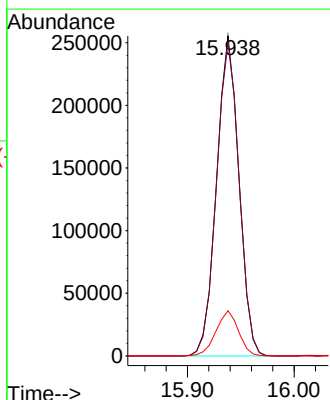
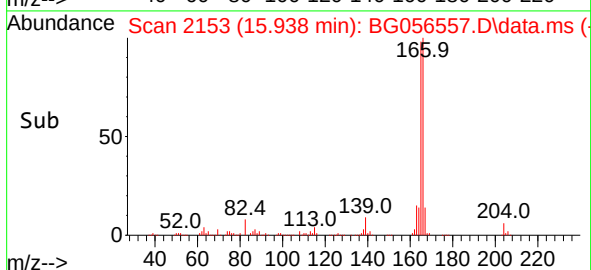
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023

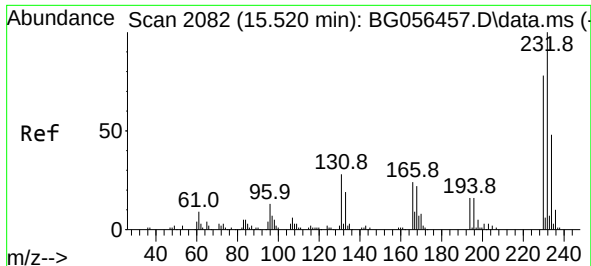


#58
Fluorene
Concen: 45.623 ng
RT: 15.938 min Scan# 2153
Delta R.T. 0.001 min
Lab File: BG056557.D
Acq: 6 Feb 2023 16:24



Tgt Ion:166 Resp: 372337
Ion Ratio Lower Upper
166 100
165 97.7 78.8 118.2
167 14.1 10.6 15.8





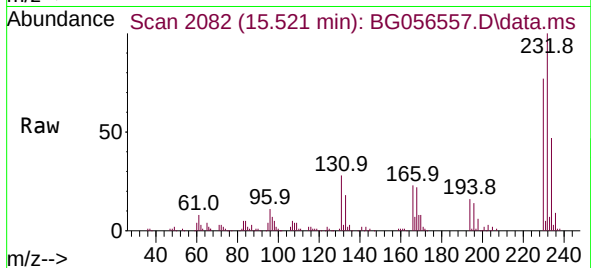
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.596 ng
RT: 15.521 min Scan# 2082
Delta R.T. 0.001 min
Lab File: BG056557.D
Acq: 6 Feb 2023 16:24

Instrument :

BNA_G

ClientSampleId :

B-01-SB02MSD

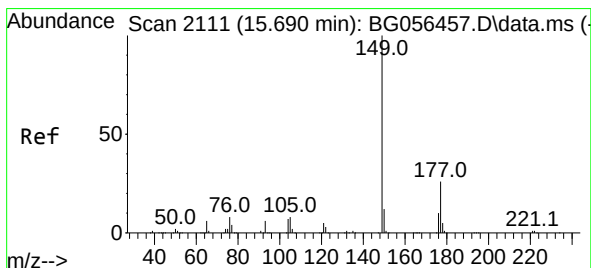
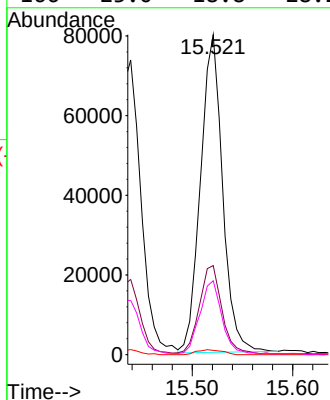
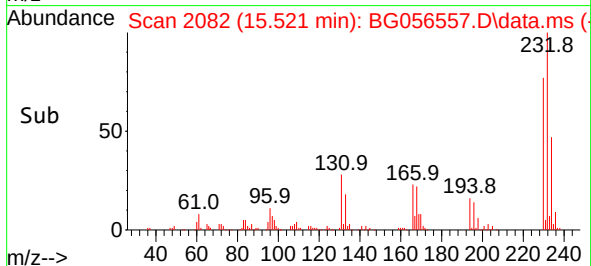


Tgt Ion:232 Resp: 121963
Ion Ratio Lower Upper
232 100
131 28.6 22.8 34.2
130 1.8 1.4 2.0
166 23.0 18.8 28.2

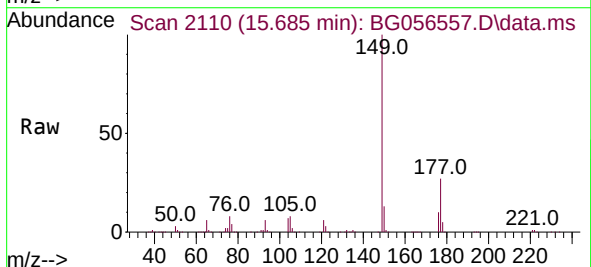
Manual Integrations

APPROVED

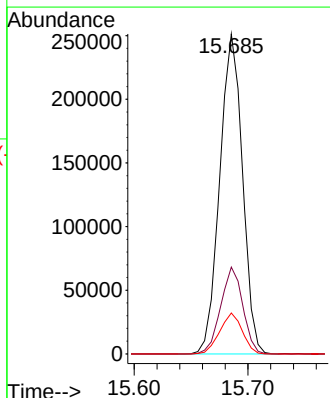
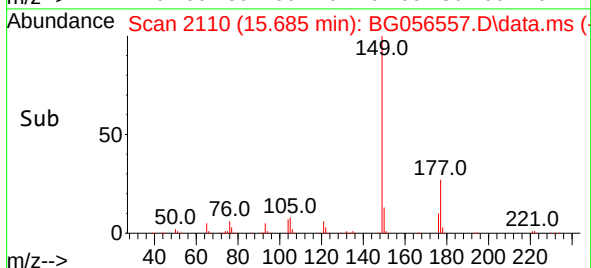
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023

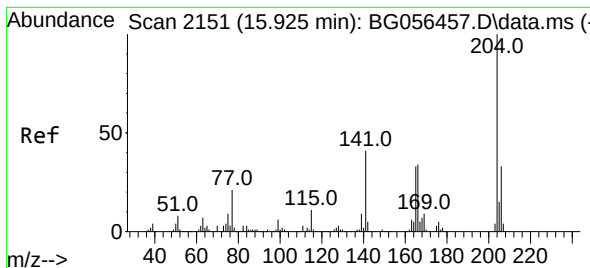


#60
Diethylphthalate
Concen: 43.928 ng
RT: 15.685 min Scan# 2110
Delta R.T. 0.001 min
Lab File: BG056557.D
Acq: 6 Feb 2023 16:24



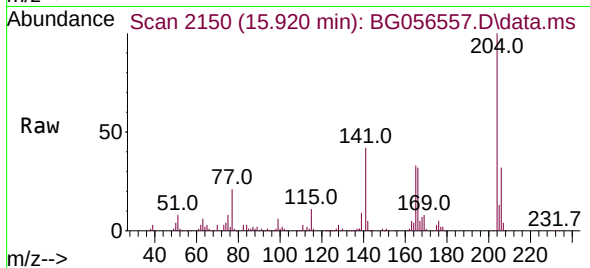
Tgt Ion:149 Resp: 348915
Ion Ratio Lower Upper
149 100
177 27.1 21.0 31.4
150 12.8 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 45.153 ng
RT: 15.920 min Scan# 2150
Delta R.T. 0.001 min
Lab File: BG056557.D
Acq: 6 Feb 2023 16:24

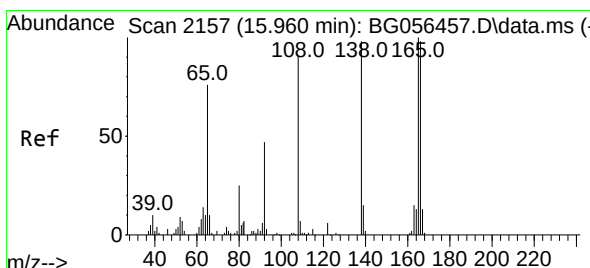
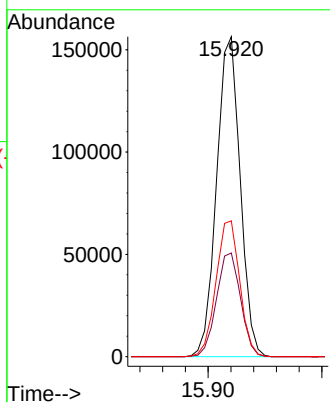
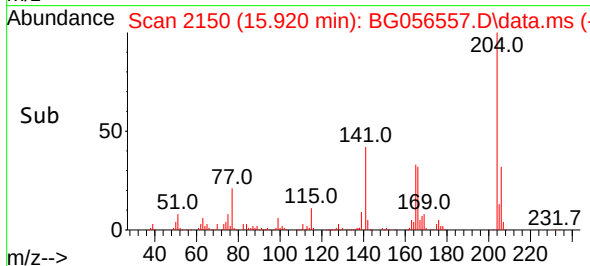
Instrument :
BNA_G
ClientSampleId :
B-01-SB02MSD



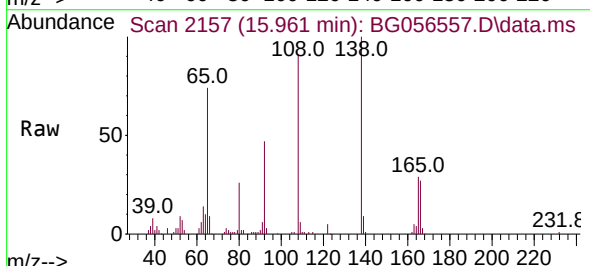
Tgt Ion:204 Resp: 224859
Ion Ratio Lower Upper
204 100
206 32.4 26.2 39.4
141 42.4 32.7 49.1

Manual Integrations
APPROVED

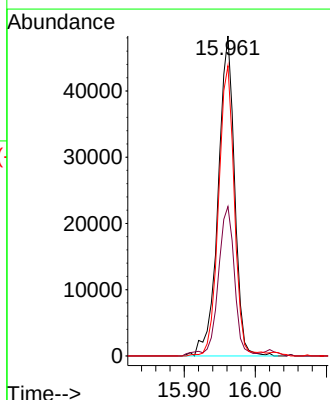
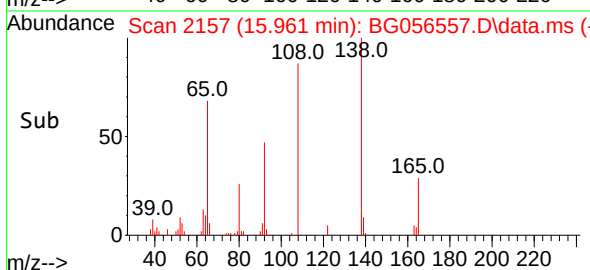
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023

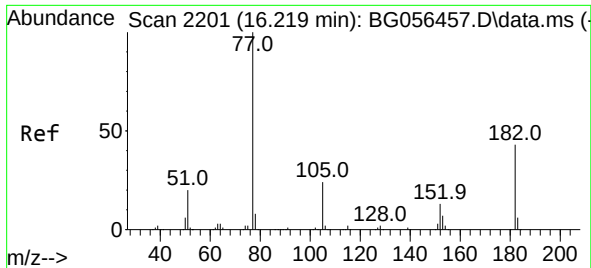


#62
4-Nitroaniline
Concen: 43.587 ng
RT: 15.961 min Scan# 2157
Delta R.T. 0.001 min
Lab File: BG056557.D
Acq: 6 Feb 2023 16:24



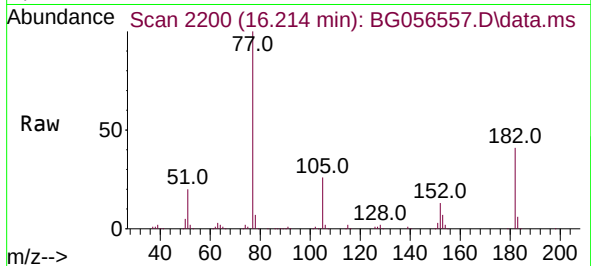
Tgt Ion:138 Resp: 77997
Ion Ratio Lower Upper
138 100
92 46.7 27.8 67.8
108 90.7 72.6 112.6





#63
Azobenzene
Concen: 56.796 ng
RT: 16.214 min Scan# 2201
Delta R.T. 0.001 min
Lab File: BG056557.D
Acq: 6 Feb 2023 16:24

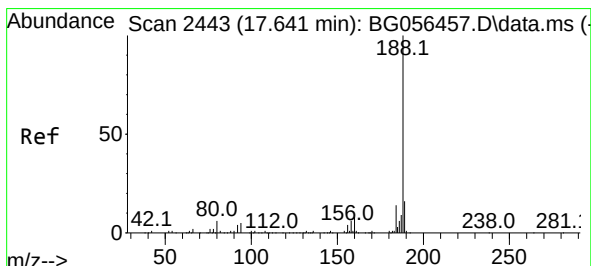
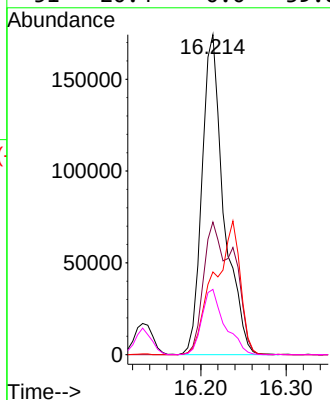
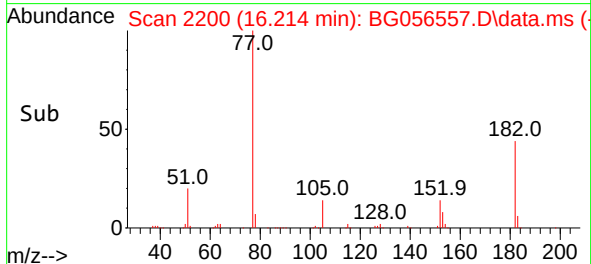
Instrument :
BNA_G
ClientSampleId :
B-01-SB02MSD



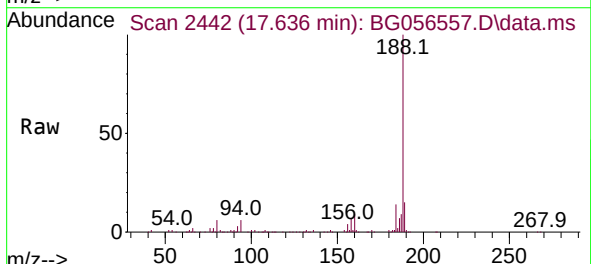
Tgt Ion: 77 Resp: 310415
Ion Ratio Lower Upper
77 100
182 41.4 23.1 63.1
105 25.8 4.2 44.2
51 20.4 0.0 39.8

Manual Integrations
APPROVED

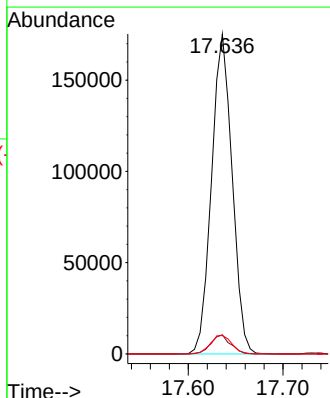
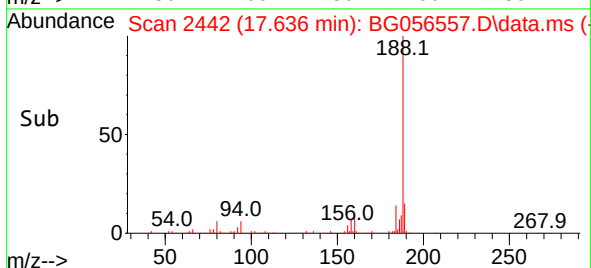
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023

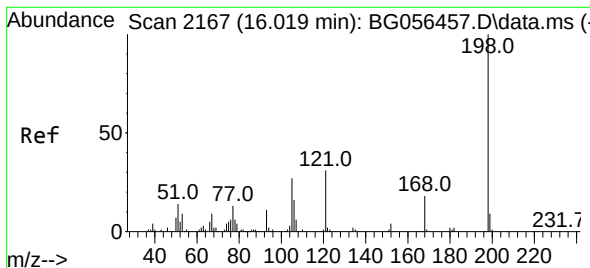


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.636 min Scan# 2442
Delta R.T. -0.005 min
Lab File: BG056557.D
Acq: 6 Feb 2023 16:24



Tgt Ion:188 Resp: 264553
Ion Ratio Lower Upper
188 100
94 6.0 4.1 6.1
80 5.7 5.0 7.4





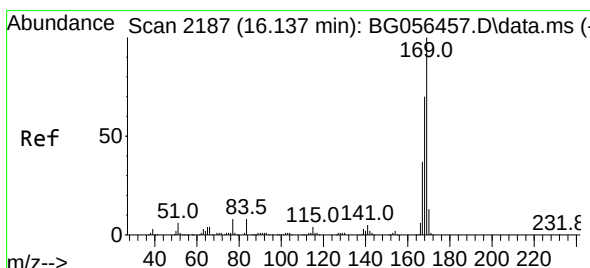
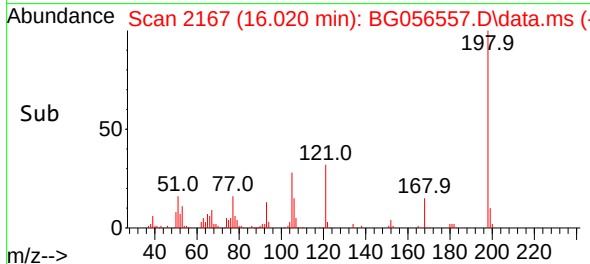
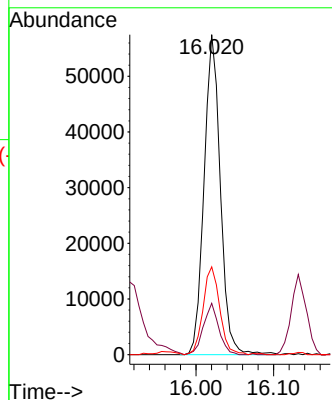
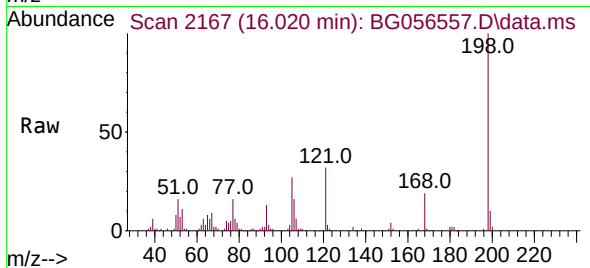
#65
4,6-Dinitro-2-methylphenol
Concen: 45.018 ng
RT: 16.020 min Scan# 2167
Delta R.T. -0.005 min
Lab File: BG056557.D
Acq: 6 Feb 2023 16:24

Instrument :
BNA_G
ClientSampleId :
B-01-SB02MSD

Tgt Ion:198 Resp: 83731
Ion Ratio Lower Upper
198 100
51 16.0 0.0 35.0
105 27.4 7.4 47.4

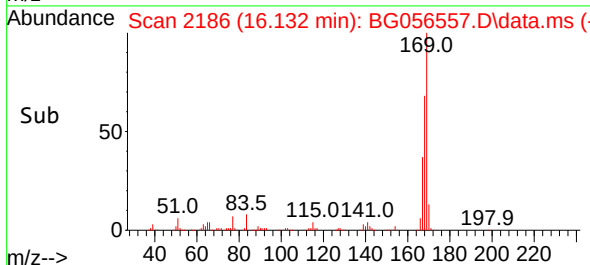
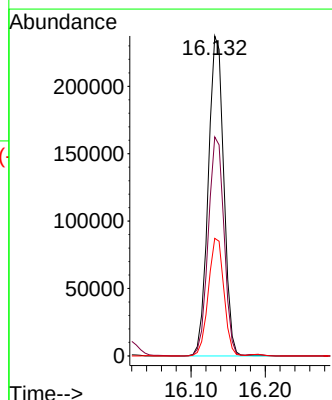
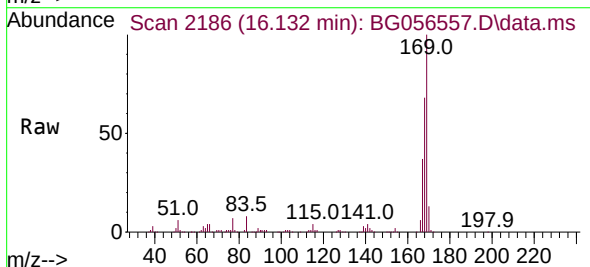
Manual Integrations
APPROVED

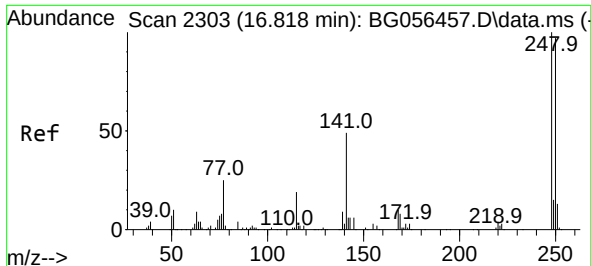
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023



#66
n-Nitrosodiphenylamine
Concen: 45.936 ng
RT: 16.132 min Scan# 2186
Delta R.T. -0.005 min
Lab File: BG056557.D
Acq: 6 Feb 2023 16:24

Tgt Ion:169 Resp: 344070
Ion Ratio Lower Upper
169 100
168 68.4 55.8 83.6
167 36.7 29.8 44.8





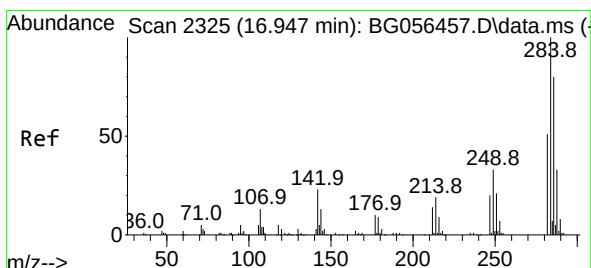
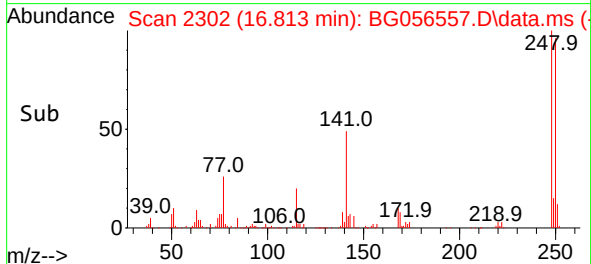
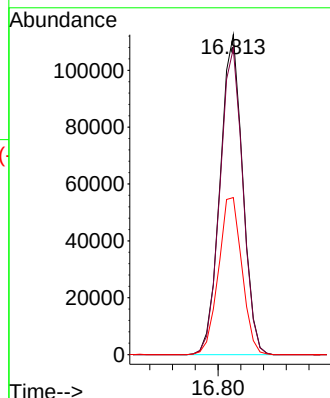
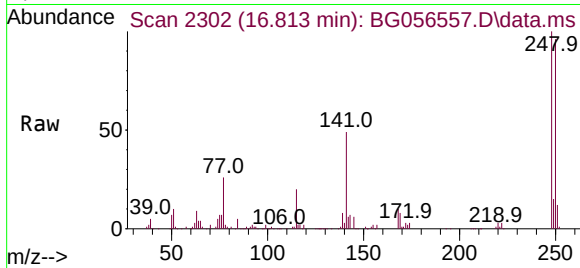
#67
4-Bromophenyl-phenylether
Concen: 45.723 ng
RT: 16.813 min Scan# 2303
Delta R.T. 0.001 min
Lab File: BG056557.D
Acq: 6 Feb 2023 16:24

Instrument :
BNA_G
ClientSampleId :
B-01-SB02MSD

Tgt Ion:248 Resp: 15485
Ion Ratio Lower Upper
248 100
250 95.7 77.6 116.4
141 49.1 39.0 58.4

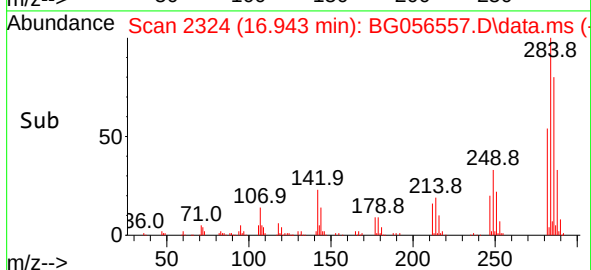
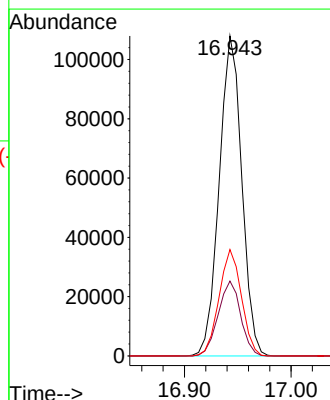
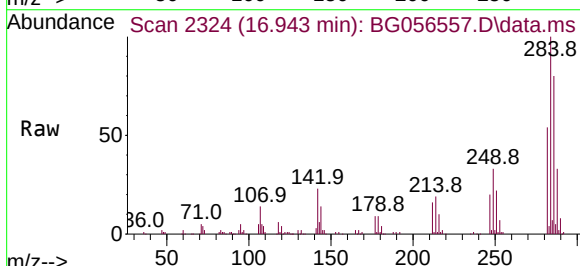
Manual Integrations
APPROVED

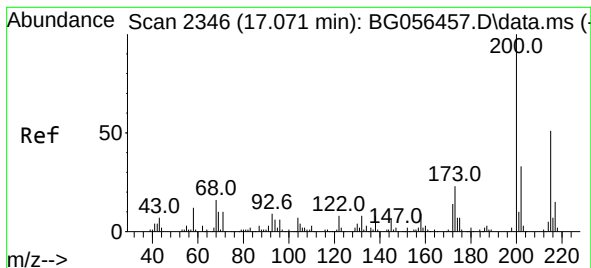
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023



#68
Hexachlorobenzene
Concen: 47.981 ng
RT: 16.943 min Scan# 2324
Delta R.T. -0.005 min
Lab File: BG056557.D
Acq: 6 Feb 2023 16:24

Tgt Ion:284 Resp: 159156
Ion Ratio Lower Upper
284 100
142 23.4 18.0 27.0
249 33.2 26.7 40.1





#69

Atrazine

Concen: 51.545 ng

RT: 17.072 min Scan# 2346

Delta R.T. 0.001 min

Lab File: BG056557.D

Acq: 6 Feb 2023 16:24

Instrument :

BNA_G

ClientSampleId :

B-01-SB02MSD

Tgt Ion:200 Resp: 148948

Ion Ratio Lower Upper

200 100

173 23.7 3.2 43.2

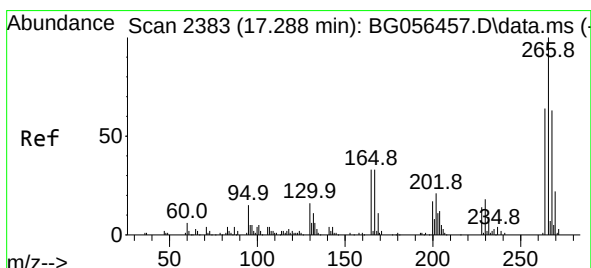
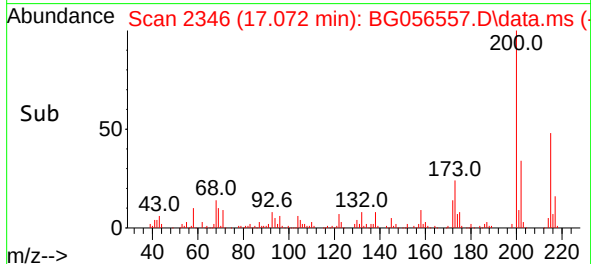
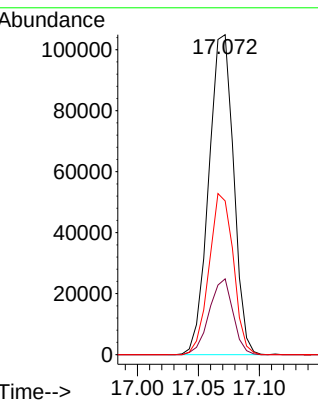
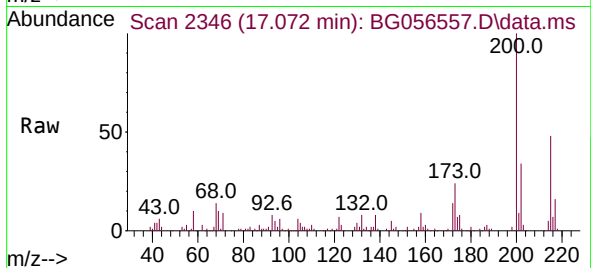
215 48.0 30.7 70.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/07/2023

Supervised By :Jagrut Upadhyay 02/07/2023



#70

Pentachlorophenol

Concen: 86.062 ng

RT: 17.289 min Scan# 2383

Delta R.T. 0.001 min

Lab File: BG056557.D

Acq: 6 Feb 2023 16:24

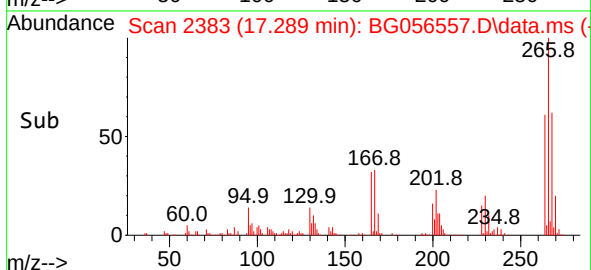
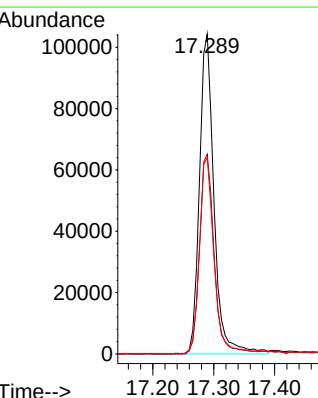
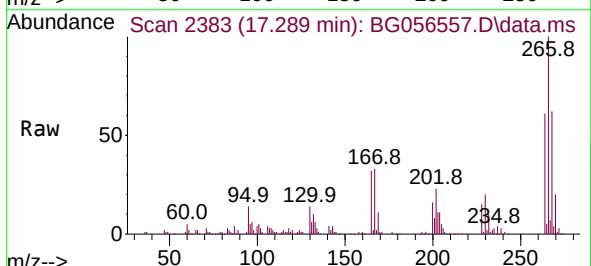
Tgt Ion:266 Resp: 172735

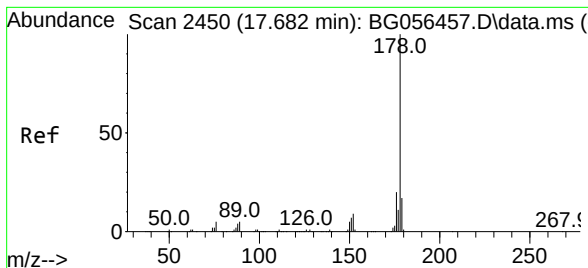
Ion Ratio Lower Upper

266 100

268 62.4 50.2 75.4

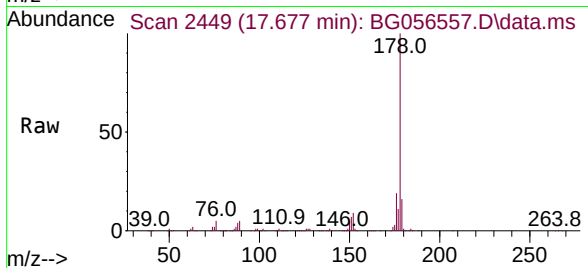
264 61.3 51.4 77.0





#71
Phenanthrene
Concen: 46.205 ng
RT: 17.677 min Scan# 2449
Delta R.T. -0.005 min
Lab File: BG056557.D
Acq: 6 Feb 2023 16:24

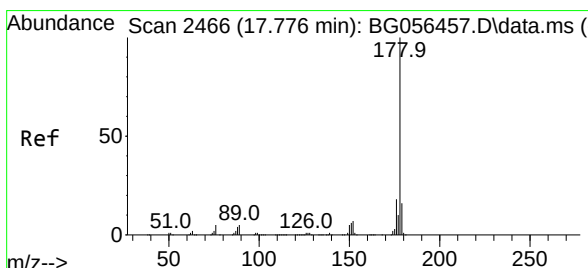
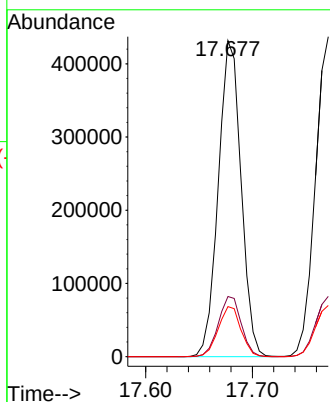
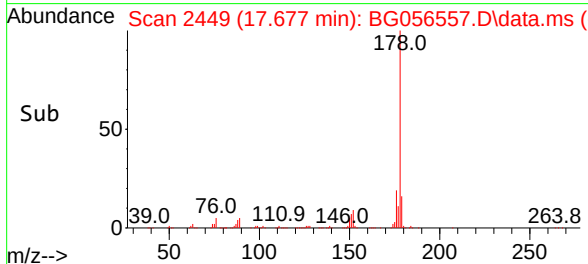
Instrument :
BNA_G
ClientSampleId :
B-01-SB02MSD



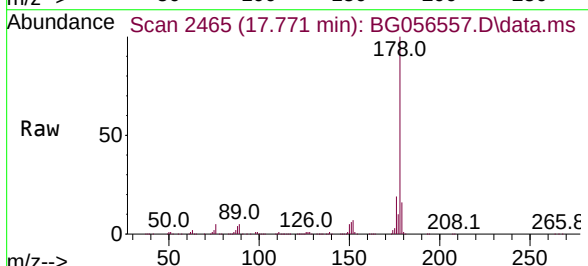
Tgt Ion:178 Resp: 639760
Ion Ratio Lower Upper
178 100
176 19.0 15.6 23.4
179 15.8 13.3 19.9

Manual Integrations
APPROVED

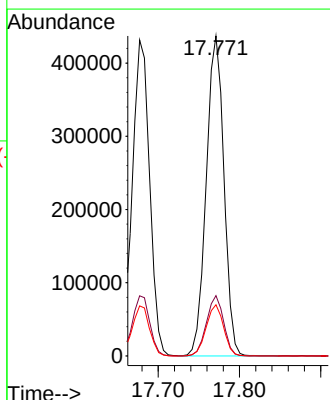
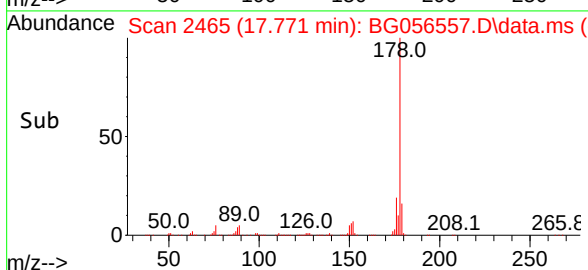
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023

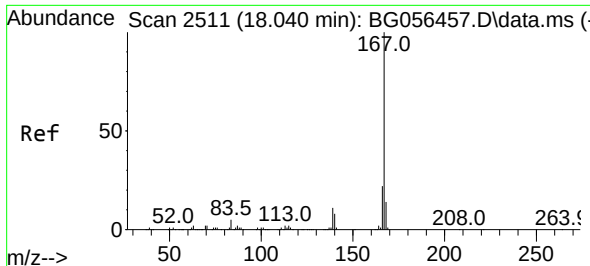


#72
Anthracene
Concen: 46.552 ng
RT: 17.771 min Scan# 2465
Delta R.T. 0.001 min
Lab File: BG056557.D
Acq: 6 Feb 2023 16:24



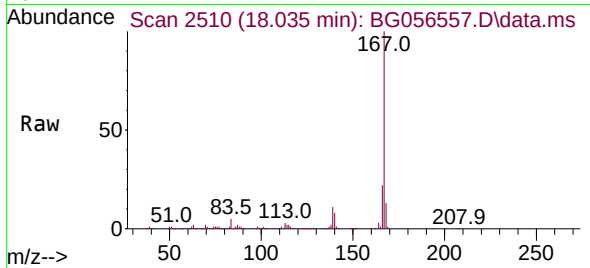
Tgt Ion:178 Resp: 661670
Ion Ratio Lower Upper
178 100
176 18.8 14.5 21.7
179 16.0 12.5 18.7





#73
Carbazole
Concen: 47.821 ng
RT: 18.035 min Scan# 2511
Delta R.T. -0.005 min
Lab File: BG056557.D
Acq: 6 Feb 2023 16:24

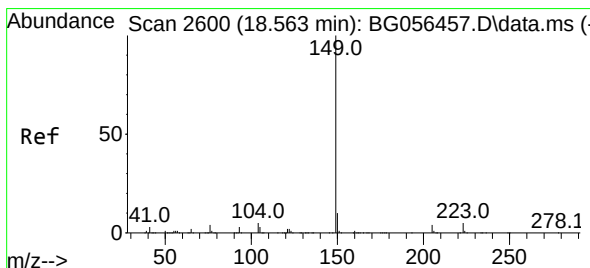
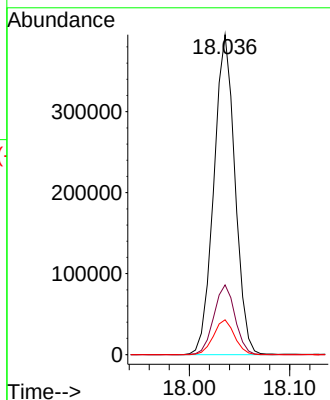
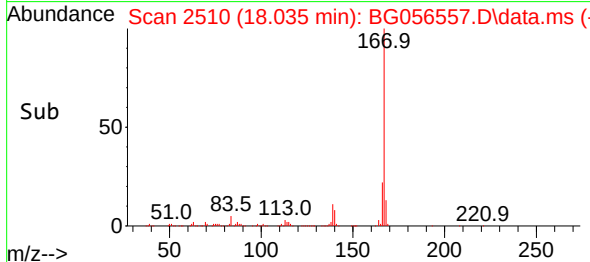
Instrument :
BNA_G
ClientSampleId :
B-01-SB02MSD



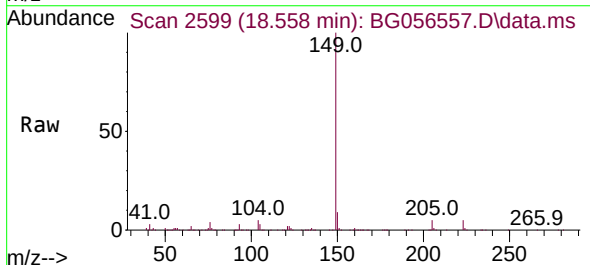
Tgt Ion:167 Resp: 578906
Ion Ratio Lower Upper
167 100
166 21.8 17.8 26.6
139 10.9 8.9 13.3

Manual Integrations
APPROVED

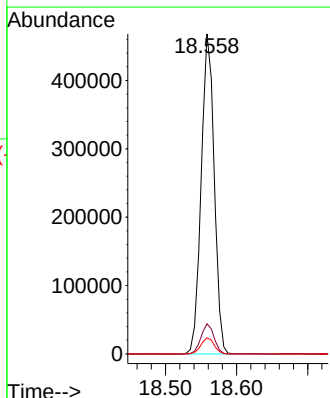
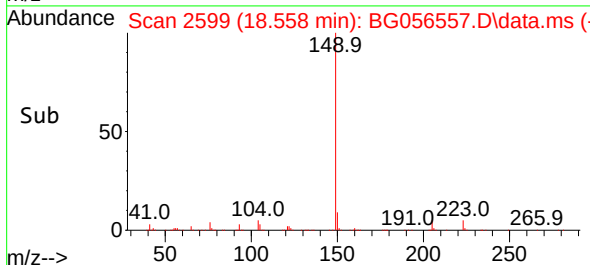
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023

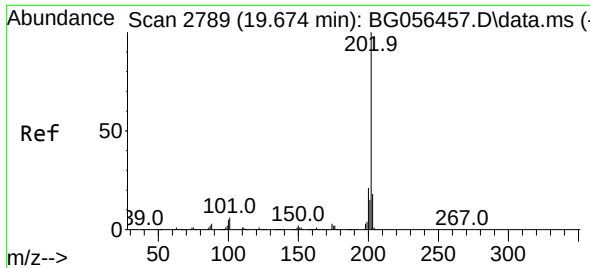


#74
Di-n-butylphthalate
Concen: 46.552 ng
RT: 18.558 min Scan# 2599
Delta R.T. -0.005 min
Lab File: BG056557.D
Acq: 6 Feb 2023 16:24



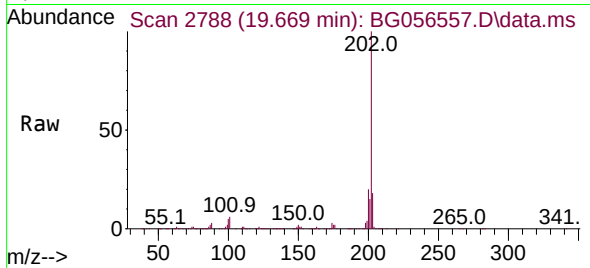
Tgt Ion:149 Resp: 591708
Ion Ratio Lower Upper
149 100
150 9.4 7.8 11.6
104 5.0 4.0 6.0





#75
Fluoranthene
Concen: 45.726 ng
RT: 19.669 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG056557.D
Acq: 6 Feb 2023 16:24

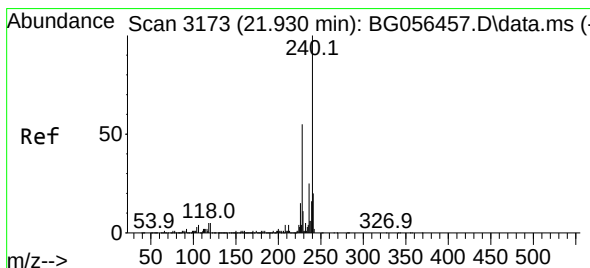
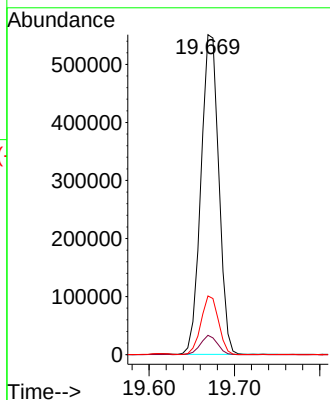
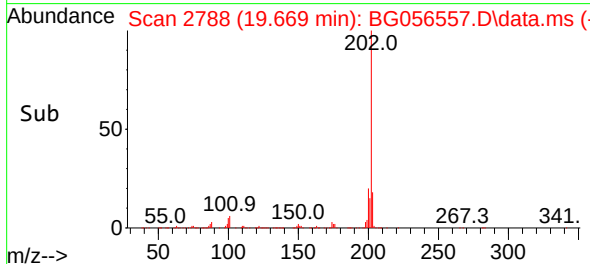
Instrument :
BNA_G
ClientSampleId :
B-01-SB02MSD



Tgt Ion:202 Resp: 799089
Ion Ratio Lower Upper
202 100
101 6.0 0.0 25.6
203 18.3 0.0 38.1

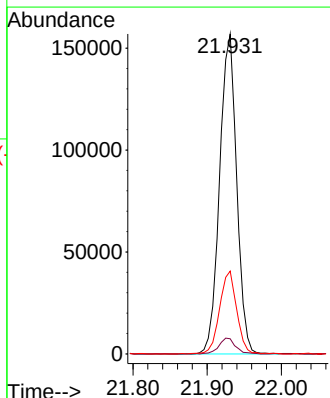
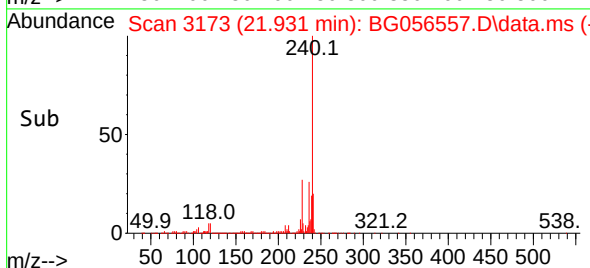
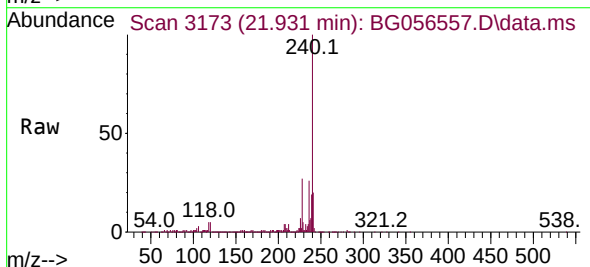
Manual Integrations
APPROVED

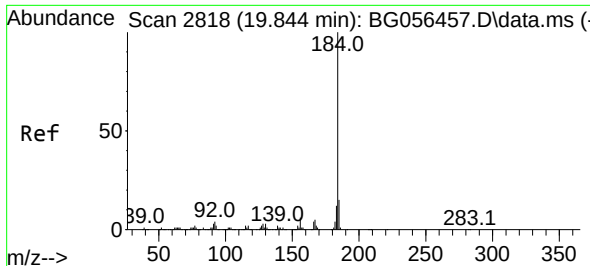
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.931 min Scan# 3173
Delta R.T. 0.001 min
Lab File: BG056557.D
Acq: 6 Feb 2023 16:24

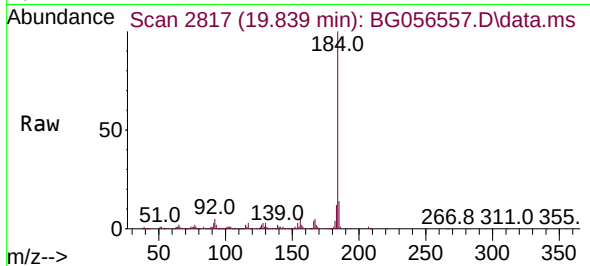
Tgt Ion:240 Resp: 250528
Ion Ratio Lower Upper
240 100
120 4.7 3.8 5.8
236 25.9 20.2 30.2





#77
Benzidine
Concen: 53.418 ng
RT: 19.839 min Scan# 2817
Delta R.T. 0.001 min
Lab File: BG056557.D
Acq: 6 Feb 2023 16:24

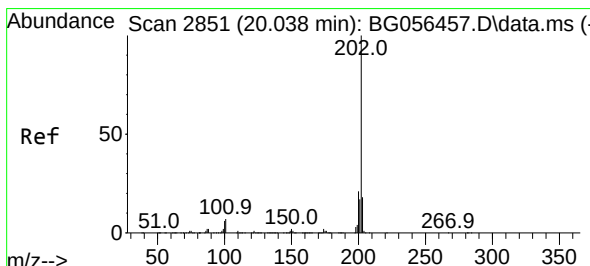
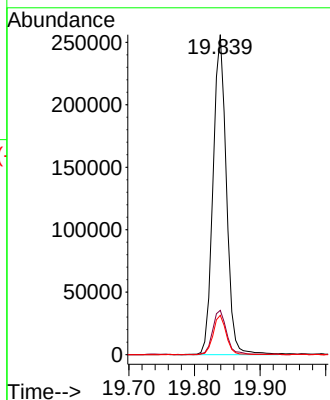
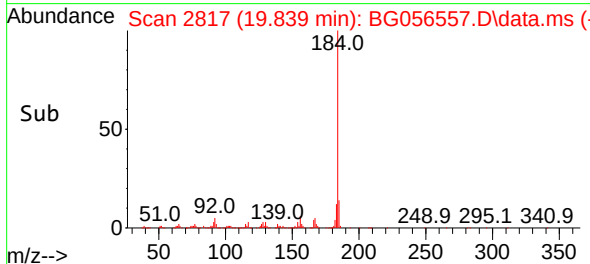
Instrument :
BNA_G
ClientSampleId :
B-01-SB02MSD



Tgt Ion:184 Resp: 362149
Ion Ratio Lower Upper
184 100
185 13.8 12.3 18.5
183 12.3 9.8 14.8

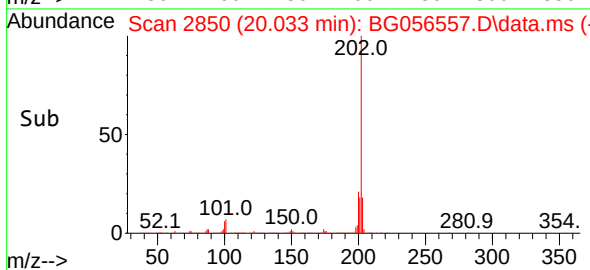
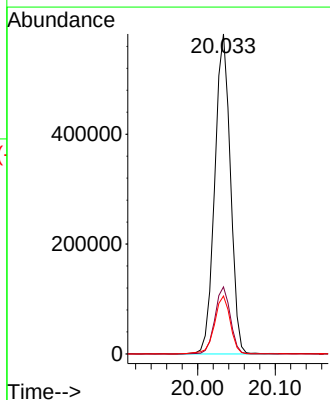
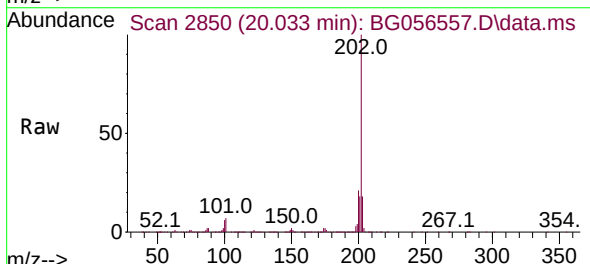
Manual Integrations
APPROVED

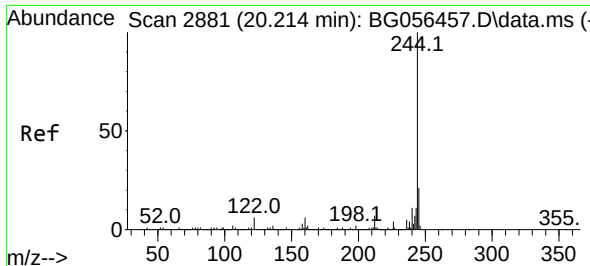
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023



#78
Pyrene
Concen: 45.711 ng
RT: 20.033 min Scan# 2850
Delta R.T. 0.001 min
Lab File: BG056557.D
Acq: 6 Feb 2023 16:24

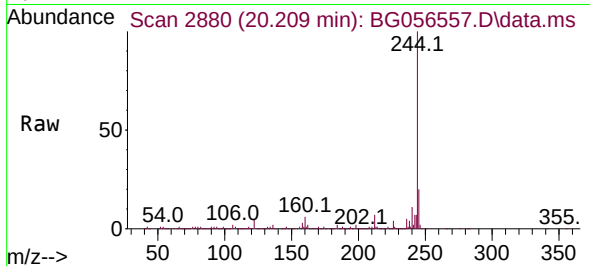
Tgt Ion:202 Resp: 814475
Ion Ratio Lower Upper
202 100
200 20.9 16.7 25.1
203 18.1 14.4 21.6





#79
Terphenyl-d14
Concen: 73.980 ng
RT: 20.209 min Scan# 2880
Delta R.T. -0.005 min
Lab File: BG056557.D
Acq: 6 Feb 2023 16:24

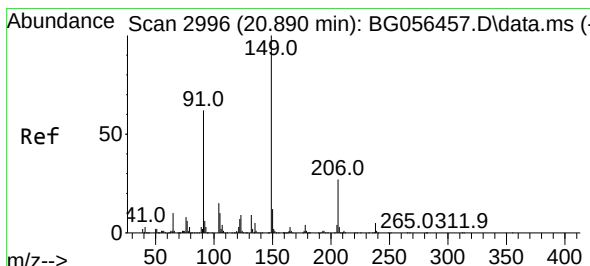
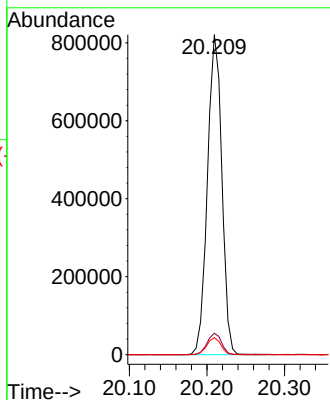
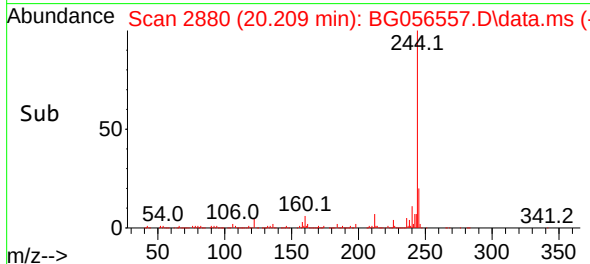
Instrument :
BNA_G
ClientSampleId :
B-01-SB02MSD



Tgt Ion:244 Resp: 105524
Ion Ratio Lower Upper
244 100
212 6.7 5.5 8.3
122 5.3 4.4 6.6

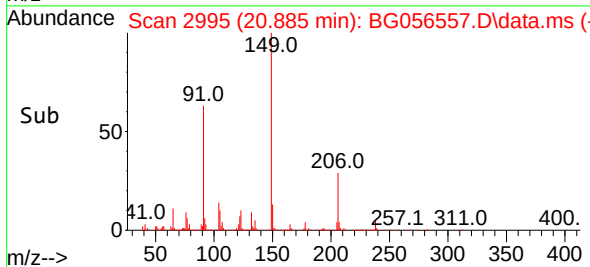
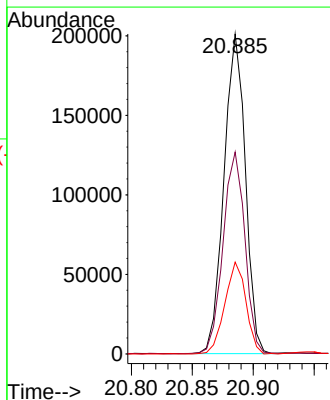
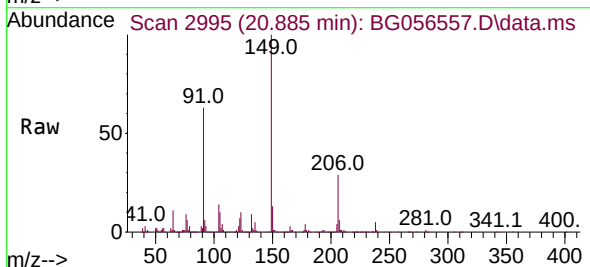
Manual Integrations
APPROVED

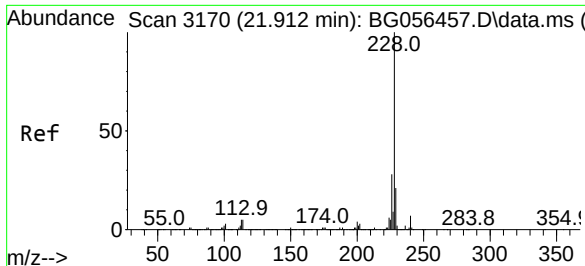
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023



#80
Butylbenzylphthalate
Concen: 44.972 ng
RT: 20.885 min Scan# 2995
Delta R.T. -0.005 min
Lab File: BG056557.D
Acq: 6 Feb 2023 16:24

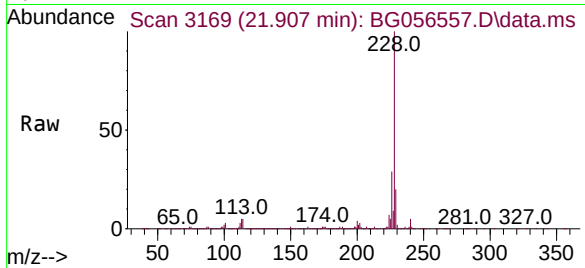
Tgt Ion:149 Resp: 244727
Ion Ratio Lower Upper
149 100
91 63.1 49.4 74.0
206 28.7 22.0 33.0





#81
Benzo(a)anthracene
Concen: 45.849 ng
RT: 21.907 min Scan# 3169
Delta R.T. -0.005 min
Lab File: BG056557.D
Acq: 6 Feb 2023 16:24

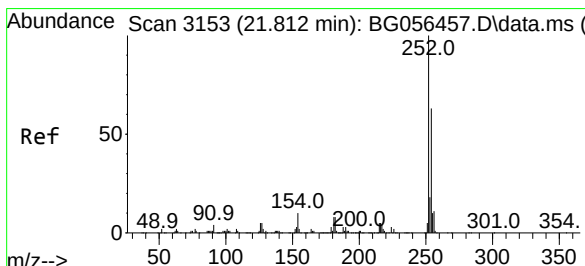
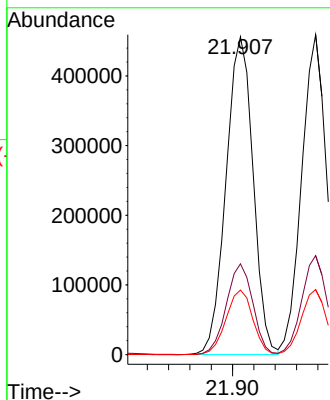
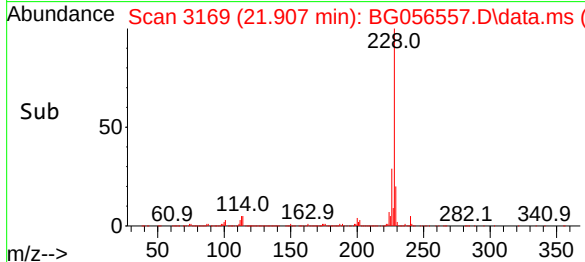
Instrument :
BNA_G
ClientSampleId :
B-01-SB02MSD



Tgt Ion:228 Resp: 803038
Ion Ratio Lower Upper
228 100
226 28.6 22.4 33.6
229 20.3 16.5 24.7

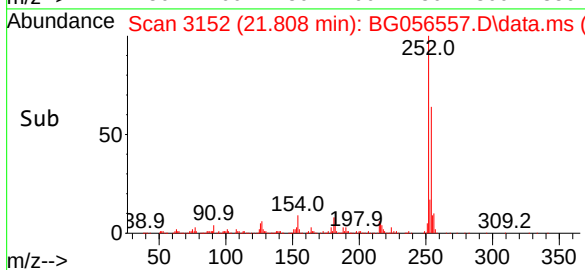
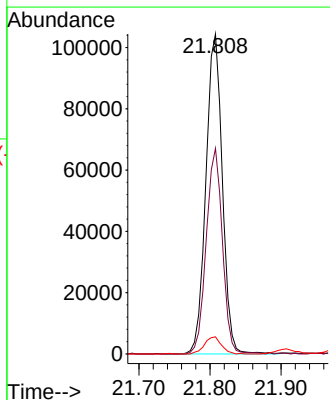
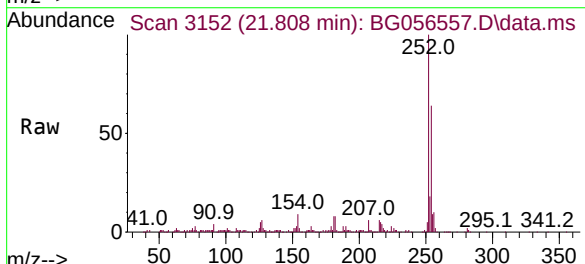
Manual Integrations
APPROVED

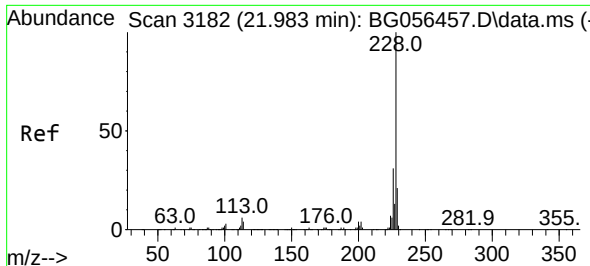
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023



#82
3,3'-Dichlorobenzidine
Concen: 26.545 ng
RT: 21.808 min Scan# 3152
Delta R.T. -0.005 min
Lab File: BG056557.D
Acq: 6 Feb 2023 16:24

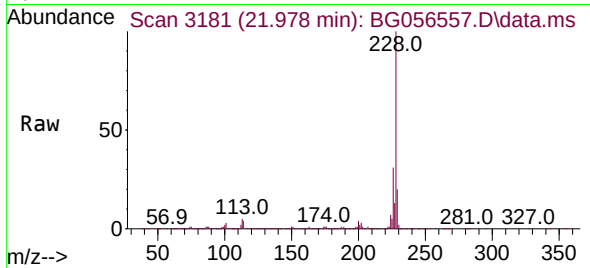
Tgt Ion:252 Resp: 167427
Ion Ratio Lower Upper
252 100
254 64.2 50.0 75.0
126 5.3 4.3 6.5





#83
Chrysene
Concen: 45.402 ng
RT: 21.978 min Scan# 3182
Delta R.T. -0.005 min
Lab File: BG056557.D
Acq: 6 Feb 2023 16:24

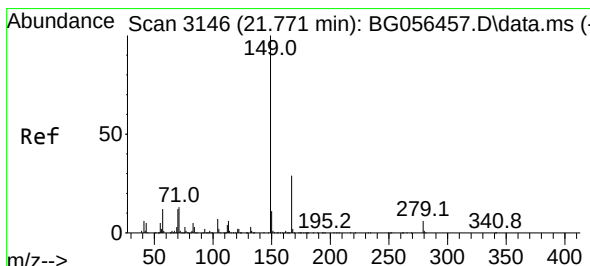
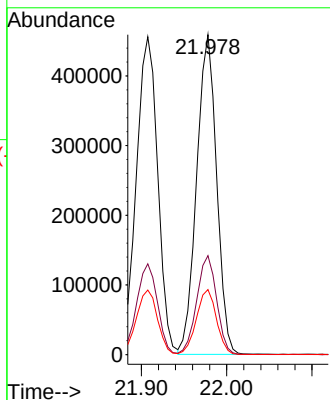
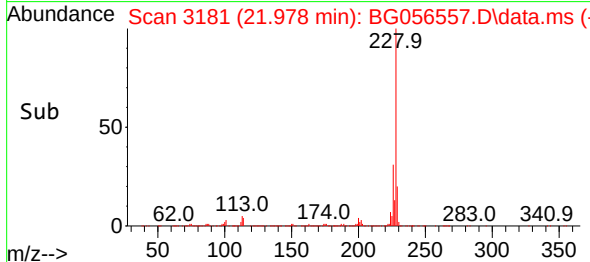
Instrument :
BNA_G
ClientSampleId :
B-01-SB02MSD



Tgt Ion:228 Resp: 747076
Ion Ratio Lower Upper
228 100
226 30.9 25.0 37.4
229 20.3 16.4 24.6

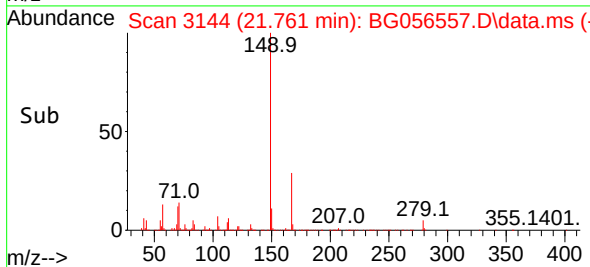
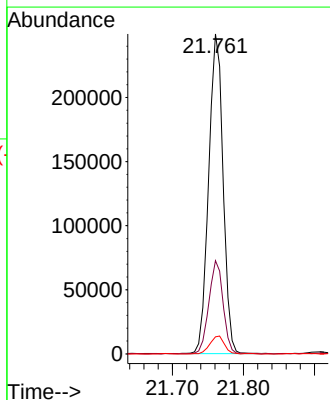
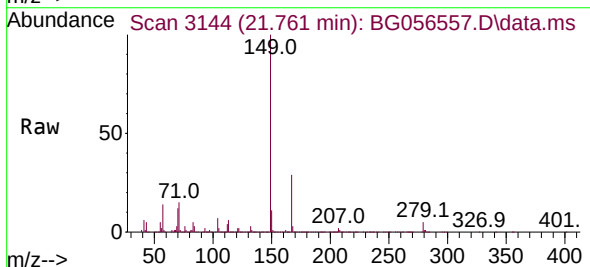
Manual Integrations
APPROVED

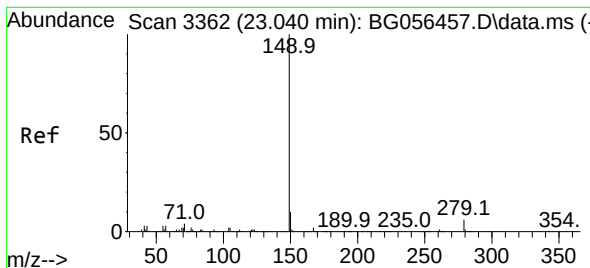
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.943 ng
RT: 21.761 min Scan# 3144
Delta R.T. -0.005 min
Lab File: BG056557.D
Acq: 6 Feb 2023 16:24

Tgt Ion:149 Resp: 350642
Ion Ratio Lower Upper
149 100
167 29.1 23.4 35.2
279 5.3 4.4 6.6





#85

Di-n-octyl phthalate

Concen: 45.715 ng

RT: 23.030 min Scan# 3362

Delta R.T. -0.005 min

Lab File: BG056557.D

Acq: 6 Feb 2023 16:24

Instrument :

BNA_G

ClientSampleId :

B-01-SB02MSD

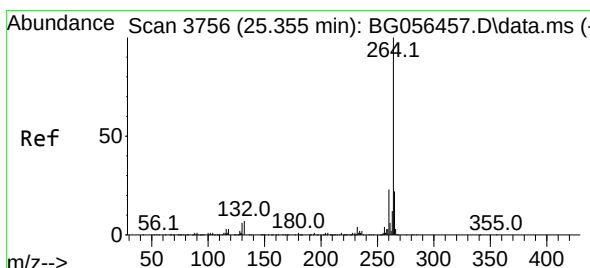
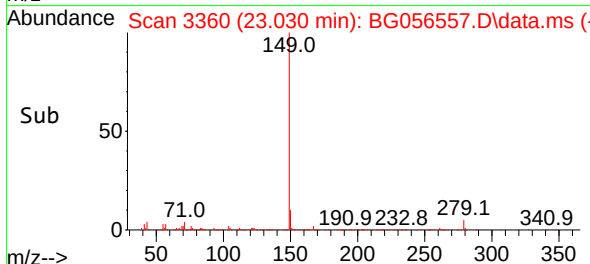
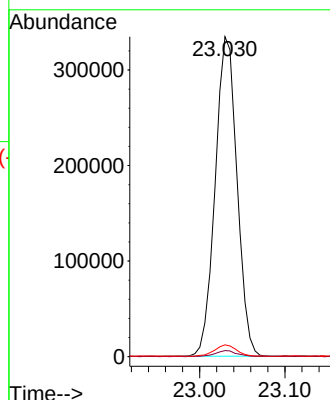
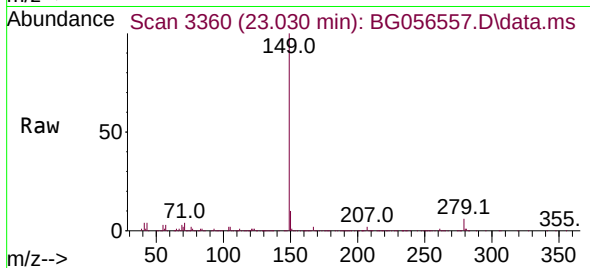
Tgt Ion:149 Resp: 593972

Ion	Ratio	Lower	Upper
149	100		
167	2.0	1.4	2.0
43	3.6	2.7	4.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.350 min Scan# 3755

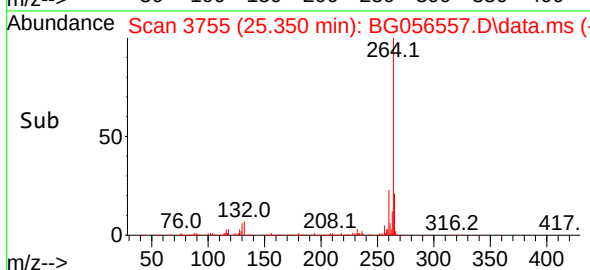
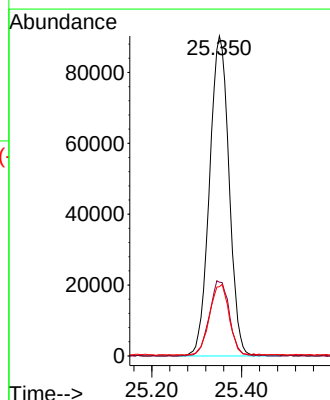
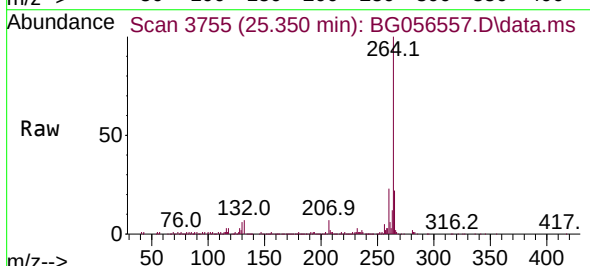
Delta R.T. -0.010 min

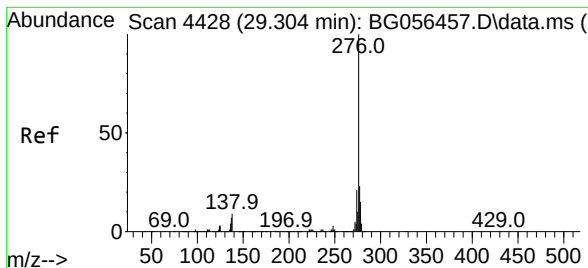
Lab File: BG056557.D

Acq: 6 Feb 2023 16:24

Tgt Ion:264 Resp: 272784

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.4
265	21.6	18.1	27.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.373 ng

RT: 29.305 min Scan# 4428

Delta R.T. -0.016 min

Lab File: BG056557.D

Acq: 6 Feb 2023 16:24

Instrument :

BNA_G

ClientSampleId :

B-01-SB02MSD

Tgt Ion:276 Resp: 94594

Ion Ratio Lower Upper

276 100

138 0.0 9.4 14.2

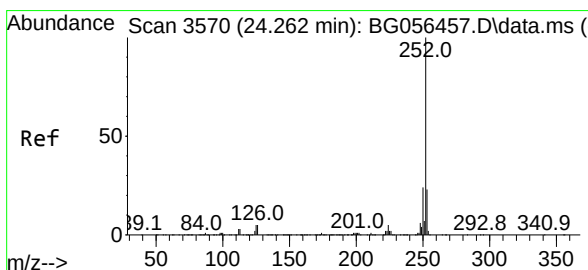
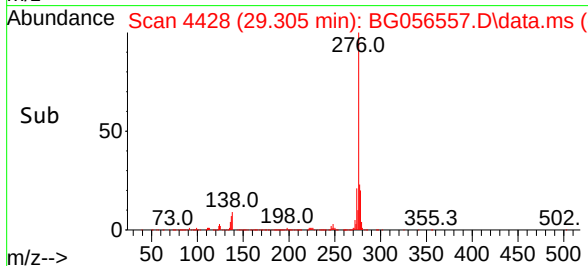
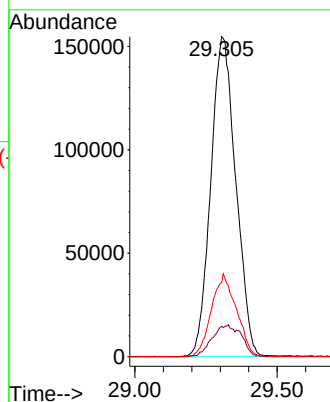
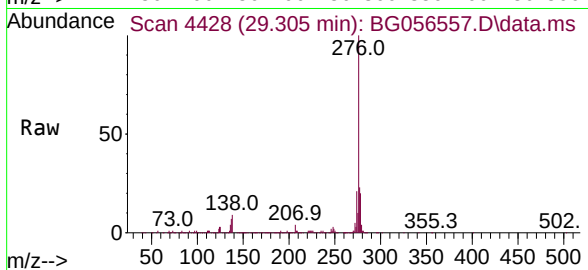
277 25.7 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/07/2023

Supervised By :Jagrut Upadhyay 02/07/2023



#88

Benzo(b)fluoranthene

Concen: 48.744 ng

RT: 24.258 min Scan# 3569

Delta R.T. -0.005 min

Lab File: BG056557.D

Acq: 6 Feb 2023 16:24

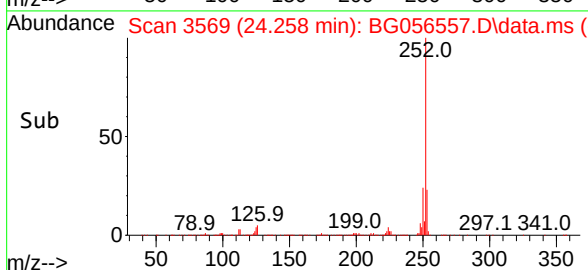
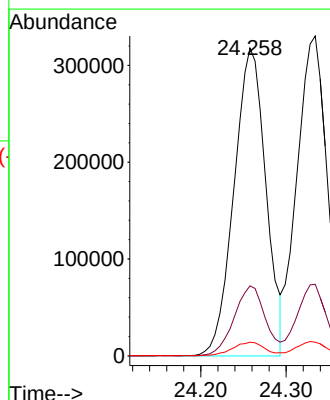
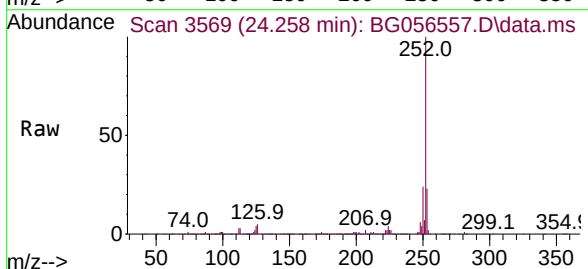
Tgt Ion:252 Resp: 825302

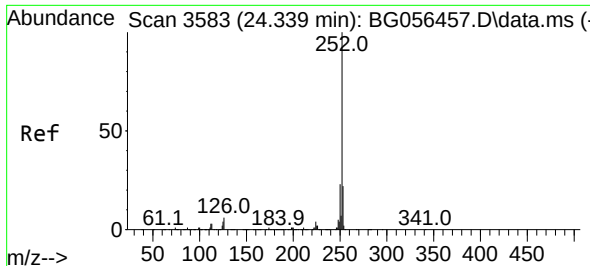
Ion Ratio Lower Upper

252 100

253 22.7 18.1 27.1

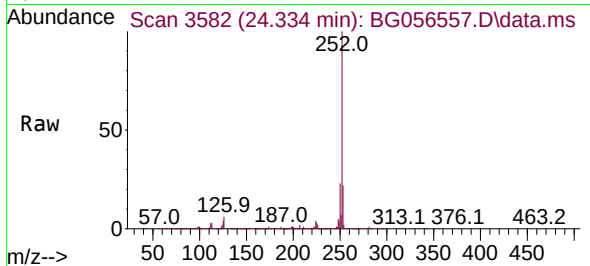
125 4.5 3.9 5.9





#89
Benzo(k)fluoranthene
Concen: 46.978 ng
RT: 24.334 min Scan# 3583
Delta R.T. -0.005 min
Lab File: BG056557.D
Acq: 6 Feb 2023 16:24

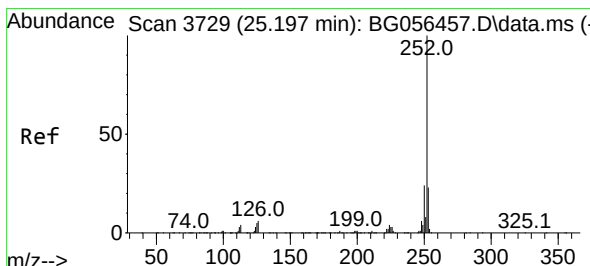
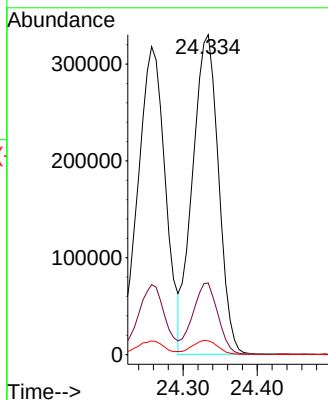
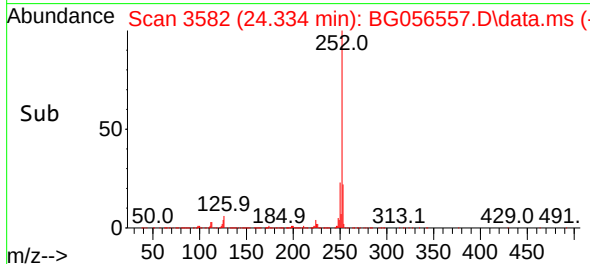
Instrument :
BNA_G
ClientSampleId :
B-01-SB02MSD



Tgt Ion:252 Resp: 803068
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 4.3 3.4 5.0

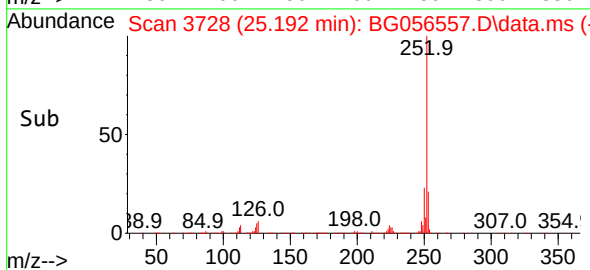
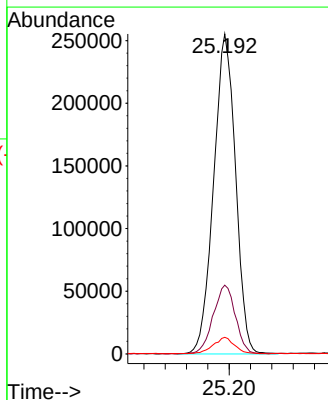
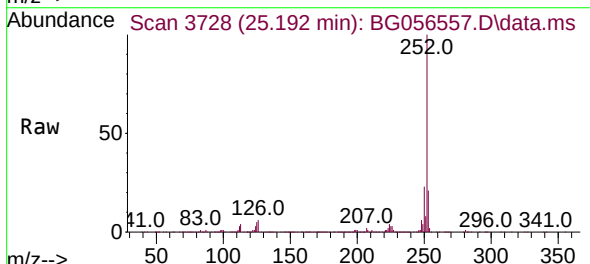
Manual Integrations
APPROVED

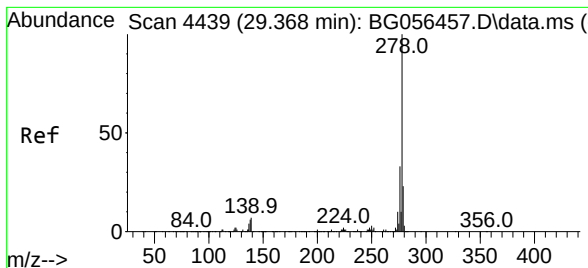
Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023



#90
Benzo(a)pyrene
Concen: 43.547 ng
RT: 25.192 min Scan# 3728
Delta R.T. -0.005 min
Lab File: BG056557.D
Acq: 6 Feb 2023 16:24

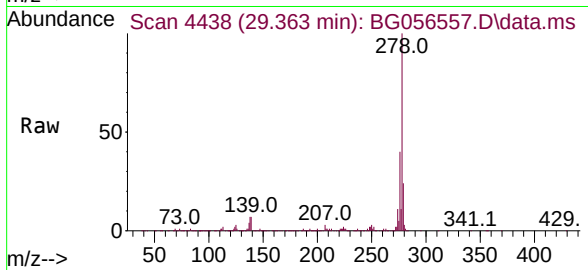
Tgt Ion:252 Resp: 726299
Ion Ratio Lower Upper
252 100
253 21.5 18.4 27.6
125 5.2 4.1 6.1





#91
Dibenzo(a,h)anthracene
Concen: 47.174 ng
RT: 29.363 min Scan# 4438
Delta R.T. -0.011 min
Lab File: BG056557.D
Acq: 6 Feb 2023 16:24

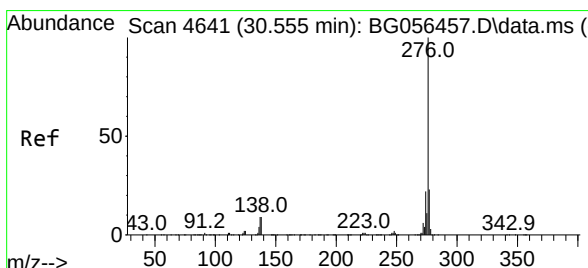
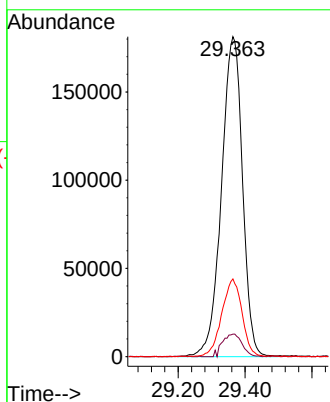
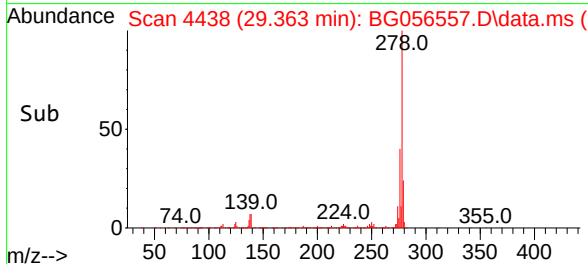
Instrument :
BNA_G
ClientSampleId :
B-01-SB02MSD



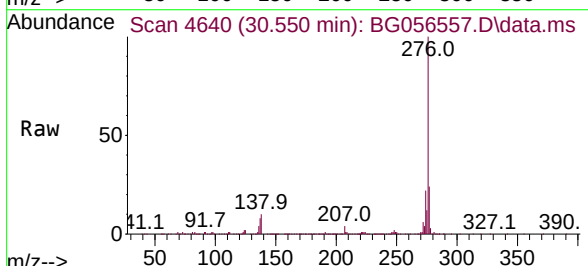
Tgt Ion:278 Resp: 790688
Ion Ratio Lower Upper
278 100
139 7.0 5.5 8.3
279 24.3 18.8 28.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023



#92
Benzo(g,h,i)perylene
Concen: 47.003 ng
RT: 30.550 min Scan# 4640
Delta R.T. -0.016 min
Lab File: BG056557.D
Acq: 6 Feb 2023 16:24



Tgt Ion:276 Resp: 760174
Ion Ratio Lower Upper
276 100
277 24.0 18.5 27.7
138 9.7 7.4 11.0

