

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022223\
 Data File : BG056703.D
 Acq On : 22 Feb 2023 18:40
 Operator : CG/JU
 Sample : 01639-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-02212023MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/23/2023
 Supervised By : Jagrut Upadhyay 02/23/2023

Quant Time: Feb 23 01:48:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 23 01:45:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.435	152	22117	20.000	ng	0.00
21) Naphthalene-d8	11.273	136	84961	20.000	ng	# 0.00
39) Acenaphthene-d10	15.039	164	55987	20.000	ng	0.00
64) Phenanthrene-d10	17.777	188	117684	20.000	ng	0.00
76) Chrysene-d12	22.095	240	97723	20.000	ng	0.00
86) Perylene-d12	25.650	264	90008	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.944	112	150391	110.637	ng	0.00
7) Phenol-d6	7.565	99	211138	105.153	ng	0.00
23) Nitrobenzene-d5	9.610	82	140643	84.758	ng	0.00
42) 2,4,6-Tribromophenol	16.519	330	85912	112.079	ng	0.00
45) 2-Fluorobiphenyl	13.670	172	297663	71.193	ng	0.00
79) Terphenyl-d14	20.338	244	423707	70.939	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.752	88	17551	29.451	ng	95
3) Pyridine	4.175	79	56543	29.996	ng	96
4) n-Nitrosodimethylamine	4.081	42	31881	36.284	ng	92
6) Aniline	7.747	93	40588	14.545	ng	99
8) 2-Chlorophenol	7.994	128	66510	49.452	ng	96
9) Benzaldehyde	7.559	77	42870	40.372	ng	96
10) Phenol	7.595	94	96368	46.918	ng	97
11) bis(2-Chloroethyl)ether	7.835	93	66711	43.288	ng	96
12) 1,3-Dichlorobenzene	8.323	146	73752	46.026	ng	98
13) 1,4-Dichlorobenzene	8.470	146	73173	45.343	ng	93
14) 1,2-Dichlorobenzene	8.799	146	72750	46.901	ng	98
15) Benzyl Alcohol	8.664	79	75933	42.234	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.952	45	89314m	43.167	ng	
17) 2-Methylphenol	8.864	107	62067	43.000	ng	97
18) Hexachloroethane	9.539	117	27244	53.295	ng	97
19) n-Nitroso-di-n-propyla...	9.234	70	60000	39.915	ng	98
20) 3+4-Methylphenols	9.193	107	82611	41.663	ng	92
22) Acetophenone	9.263	105	112677	43.404	ng	# 98
24) Nitrobenzene	9.657	77	92977	48.100	ng	96
25) Isophorone	10.174	82	161239	39.926	ng	99
26) 2-Nitrophenol	10.374	139	37709	55.191	ng	# 83
27) 2,4-Dimethylphenol	10.409	122	69267	44.364	ng	99
28) bis(2-Chloroethoxy)met...	10.650	93	86981	42.263	ng	97
29) 2,4-Dichlorophenol	10.908	162	73814	47.701	ng	98
30) 1,2,4-Trichlorobenzene	11.132	180	84009	45.574	ng	94
31) Naphthalene	11.325	128	211826	44.986	ng	99
32) Benzoic acid	10.544	122	49384m	49.074	ng	
33) 4-Chloroaniline	11.419	127	31295	14.547	ng	95
34) Hexachlorobutadiene	11.602	225	60603	46.005	ng	96
35) Caprolactam	12.189	113	20136m	40.457	ng	
36) 4-Chloro-3-methylphenol	12.506	107	74892	43.886	ng	97
37) 2-Methylnaphthalene	12.900	142	153597	41.313	ng	98
38) 1-Methylnaphthalene	13.117	142	140484	40.494	ng	99
40) 1,2,4,5-Tetrachloroben...	13.259	216	103899	49.920	ng	98
41) Hexachlorocyclopentadiene	13.235	237	50938	45.124	ng	100
43) 2,4,6-Trichlorophenol	13.482	196	66243	52.458	ng	98

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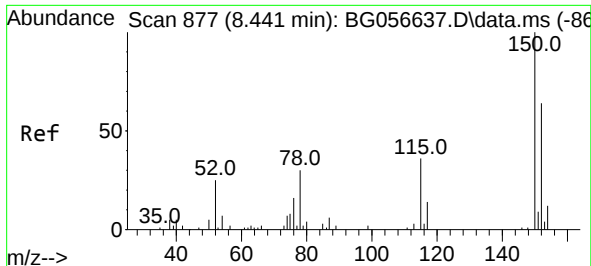
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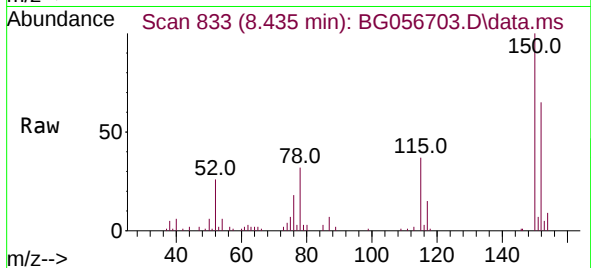
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.558	196	71791	47.435	ng	97
46) 1,1'-Biphenyl	13.881	154	202812	47.821	ng	98
47) 2-Chloronaphthalene	13.934	162	164042	48.878	ng	98
48) 2-Nitroaniline	14.116	65	55512	55.820	ng	# 83
49) Acenaphthylene	14.769	152	243680	44.685	ng	97
50) Dimethylphthalate	14.475	163	194542	42.033	ng	98
51) 2,6-Dinitrotoluene	14.598	165	40588	45.200	ng	# 81
52) Acenaphthene	15.103	154	167352	49.752	ng	97
53) 3-Nitroaniline	14.927	138	29075	32.363	ng	# 95
54) 2,4-Dinitrophenol	15.133	184	23302	43.580	ng	# 60
55) Dibenzofuran	15.432	168	249542	43.912	ng	100
56) 4-Nitrophenol	15.221	139	66241	96.234	ng	# 81
57) 2,4-Dinitrotoluene	15.385	165	54008	47.847	ng	# 86
58) Fluorene	16.079	166	201974	44.951	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.650	232	62122	46.834	ng	# 88
60) Diethylphthalate	15.820	149	186905	40.034	ng	99
61) 4-Chlorophenyl-phenyle...	16.061	204	111119	40.480	ng	99
62) 4-Nitroaniline	16.085	138	38161	40.757	ng	91
63) Azobenzene	16.349	77	203394	43.530	ng	98
65) 4,6-Dinitro-2-methylph...	16.143	198	16037	26.389	ng	70
66) n-Nitrosodiphenylamine	16.273	169	167072	48.800	ng	99
67) 4-Bromophenyl-phenylether	16.954	248	71126	47.074	ng	91
68) Hexachlorobenzene	17.083	284	77003	50.022	ng	99
69) Atrazine	17.201	200	66435	50.535	ng	99
70) Pentachlorophenol	17.418	266	94196	92.398	ng	95
71) Phenanthrene	17.818	178	560105	87.481	ng	99
72) Anthracene	17.912	178	340318	51.946	ng	99
73) Carbazole	18.170	167	271344	48.046	ng	99
74) Di-n-butylphthalate	18.693	149	271271	42.922	ng	99
75) Fluoranthene	19.804	202	917775	108.637	ng	99
77) Benzidine	19.962	184	41832	17.898	ng	# 94
78) Pyrene	20.168	202	834773	113.109	ng	98
80) Butylbenzylphthalate	21.020	149	106333	47.980	ng	95
81) Benzo(a)anthracene	22.072	228	588740	81.011	ng	97
82) 3,3'-Dichlorobenzidine	21.966	252	57774	24.503	ng	99
83) Chrysene	22.148	228	566123	83.328	ng	97
84) Bis(2-ethylhexyl)phtha...	21.931	149	152312	45.864	ng	98
85) Di-n-octyl phthalate	23.253	149	262435	47.545	ng	96
87) Indeno(1,2,3-cd)pyrene	29.751	276	342179	48.542	ng	# 95
88) Benzo(b)fluoranthene	24.516	252	550717	93.655	ng	96
89) Benzo(k)fluoranthene	24.586	252	504182m	87.190	ng	
90) Benzo(a)pyrene	25.479	252	460485	81.468	ng	99
91) Dibenzo(a,h)anthracene	29.816	278	208707	35.748	ng	98
92) Benzo(g,h,i)perylene	31.044	276	237423	41.619	ng	94

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.435 min Scan# 81
Delta R.T. 0.008 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40

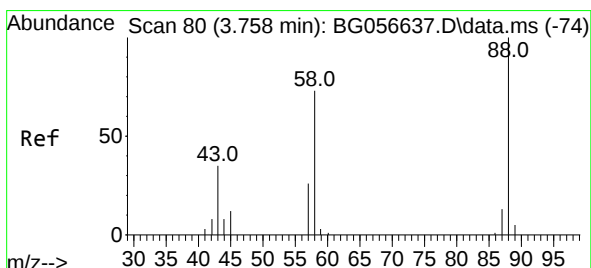
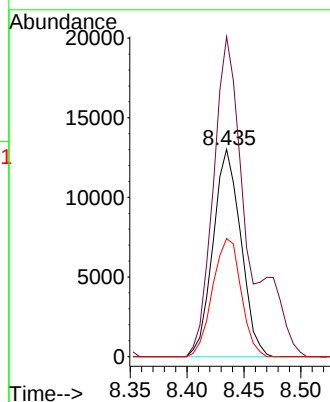
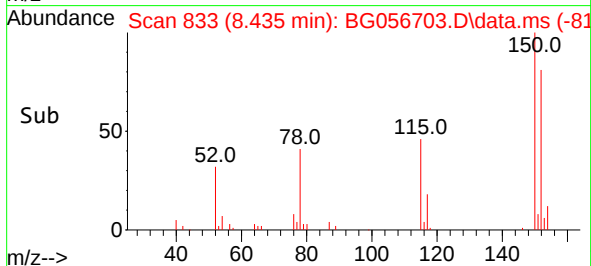
Instrument :
BNA_G
ClientSampleId :
TR-05-02212023MSD



Tgt Ion:152 Resp: 2211
Ion Ratio Lower Upper
152 100
150 154.4 124.8 187.2
115 56.9 44.7 67.1

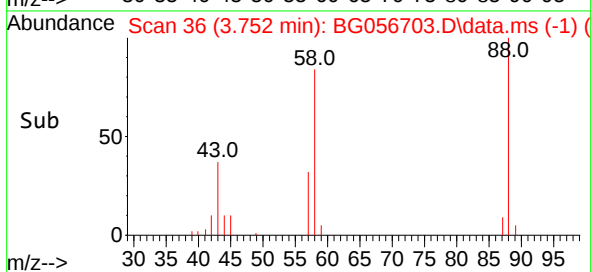
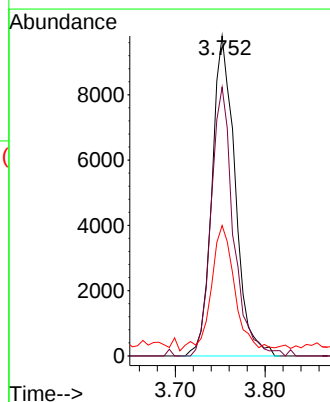
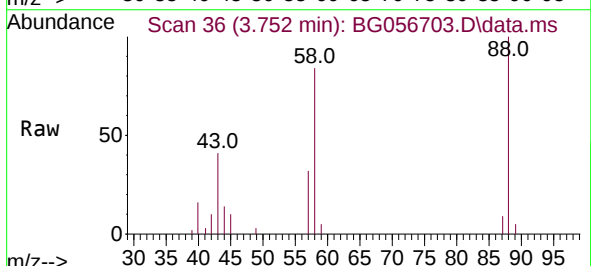
Manual Integrations
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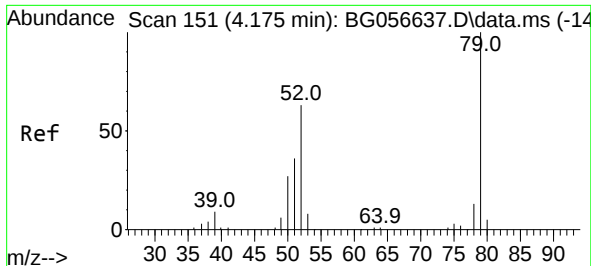
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#2
1,4-Dioxane
Concen: 29.451 ng
RT: 3.752 min Scan# 36
Delta R.T. 0.008 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40

Tgt Ion: 88 Resp: 17551
Ion Ratio Lower Upper
88 100
58 81.5 62.2 93.2
43 36.6 26.6 40.0





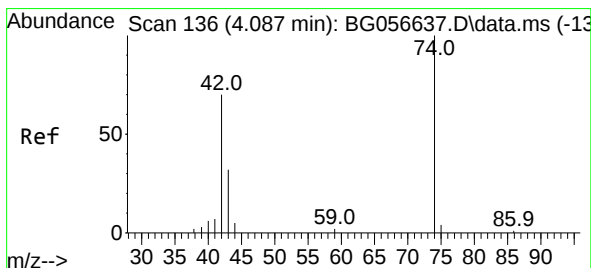
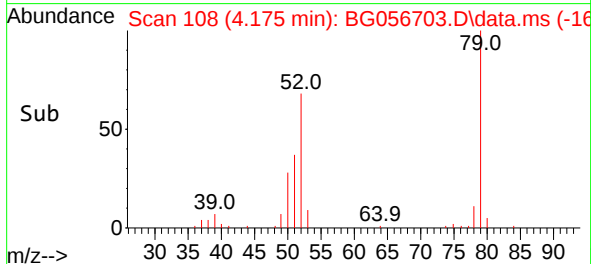
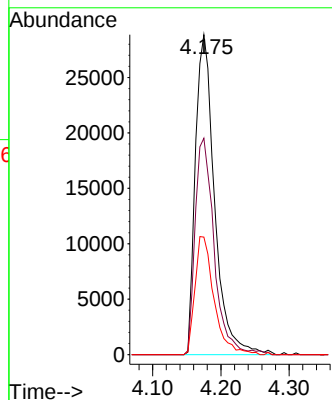
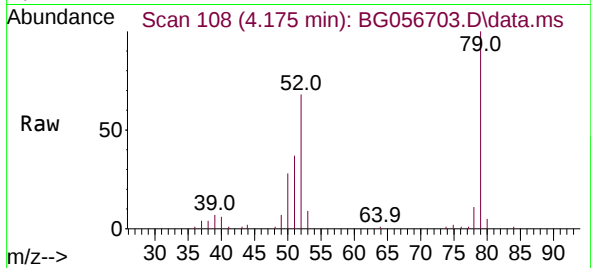
#3
Pyridine
Concen: 29.996 ng
RT: 4.175 min Scan# 10
Delta R.T. 0.008 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40

Instrument :
BNA_G
ClientSampleId :
TR-05-02212023MSD

Tgt Ion: 79 Resp: 56543
Ion Ratio Lower Upper
79 100
52 67.6 50.8 76.2
51 36.7 29.1 43.7

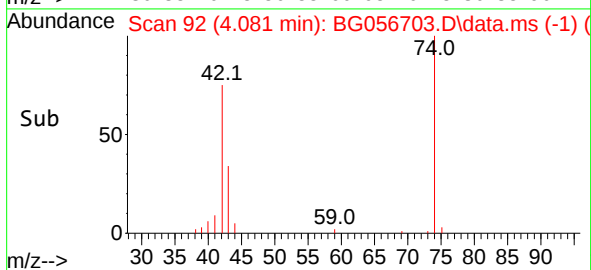
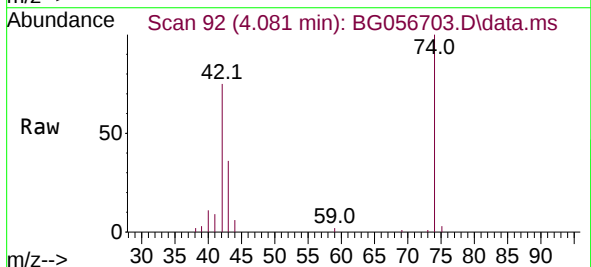
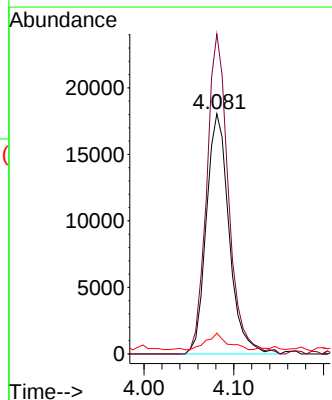
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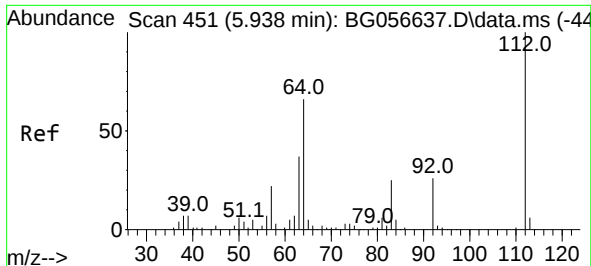
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#4
n-Nitrosodimethylamine
Concen: 36.284 ng
RT: 4.081 min Scan# 92
Delta R.T. 0.008 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40

Tgt Ion: 42 Resp: 31881
Ion Ratio Lower Upper
42 100
74 133.3 114.5 171.7
44 8.6 7.2 10.8





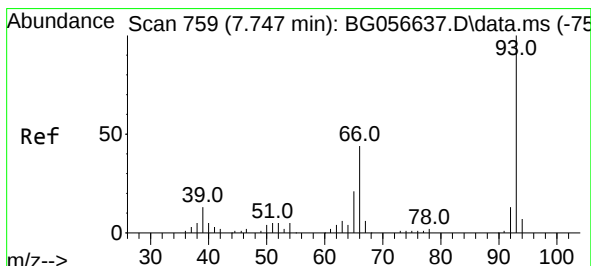
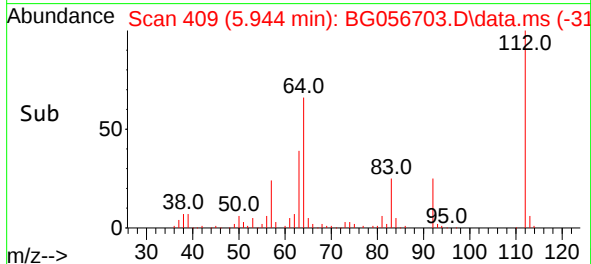
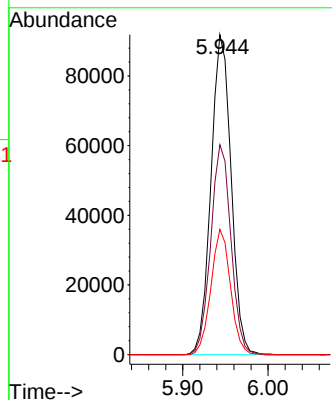
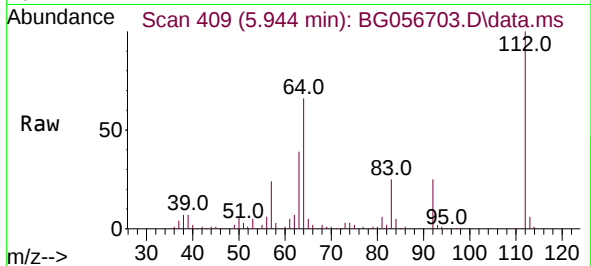
#5
2-Fluorophenol
Concen: 110.637 ng
RT: 5.944 min Scan# 409
Delta R.T. 0.008 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40

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ClientSampleId :
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Tgt Ion:112 Resp: 150391
Ion Ratio Lower Upper
112 100
64 65.6 52.6 78.8
63 39.1 29.8 44.6

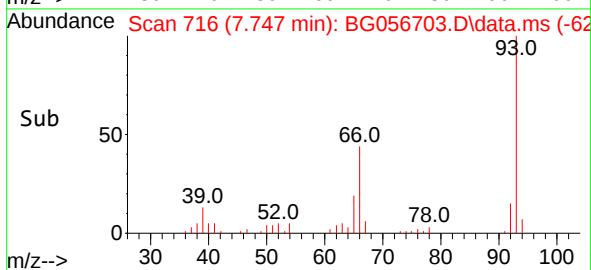
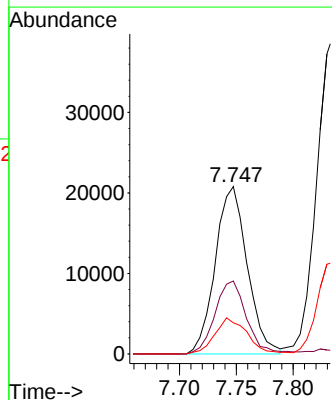
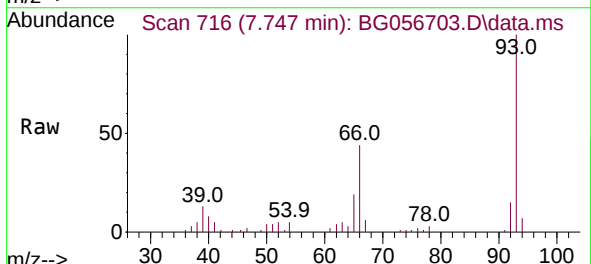
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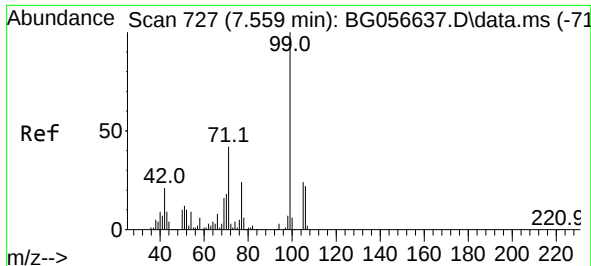
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#6
Aniline
Concen: 14.545 ng
RT: 7.747 min Scan# 716
Delta R.T. 0.008 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40

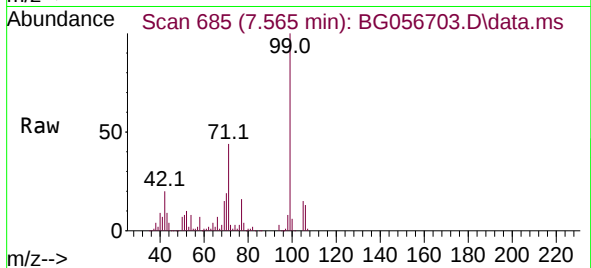
Tgt Ion: 93 Resp: 40588
Ion Ratio Lower Upper
93 100
66 43.6 35.0 52.4
65 18.6 16.5 24.7





#7
Phenol-d6
Concen: 105.153 ng
RT: 7.565 min Scan# 685
Delta R.T. 0.008 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40

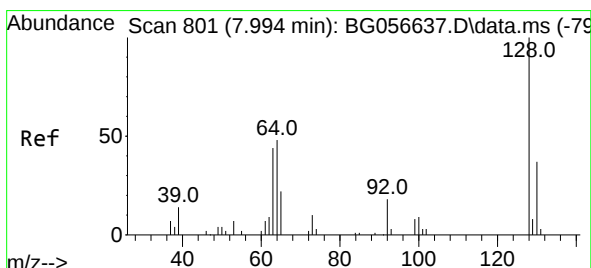
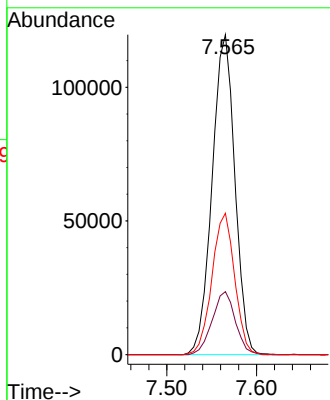
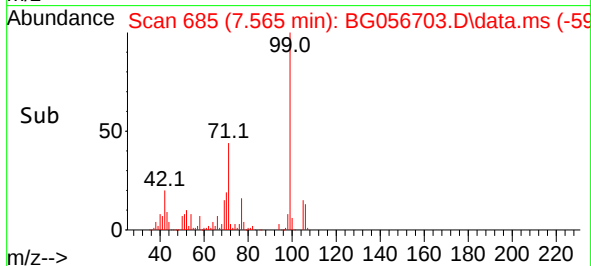
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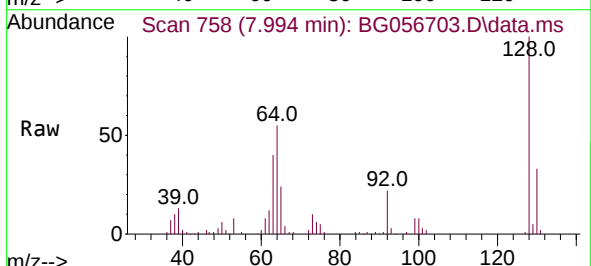
Tgt Ion: 99 Resp: 211138
Ion Ratio Lower Upper
99 100
42 19.7 16.8 25.2
71 44.2 33.9 50.9

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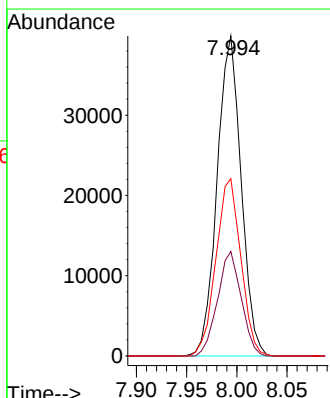
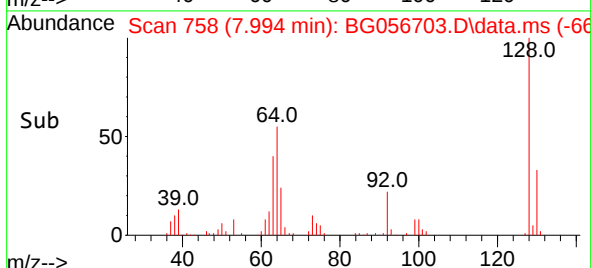
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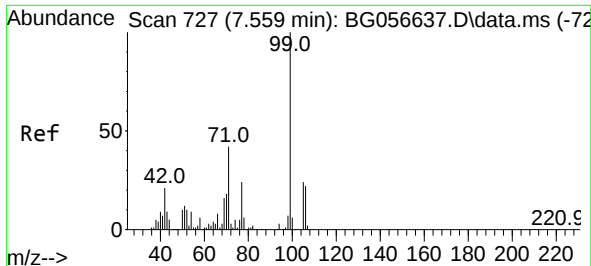


#8
2-Chlorophenol
Concen: 49.452 ng
RT: 7.994 min Scan# 758
Delta R.T. 0.008 min
Lab File: BG056703.D
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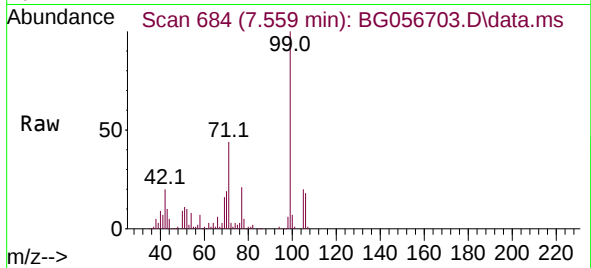
Tgt Ion:128 Resp: 66510
Ion Ratio Lower Upper
128 100
130 32.6 16.8 56.8
64 55.4 36.3 76.3





#9
Benzaldehyde
Concen: 40.372 ng
RT: 7.559 min Scan# 684
Delta R.T. 0.008 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40

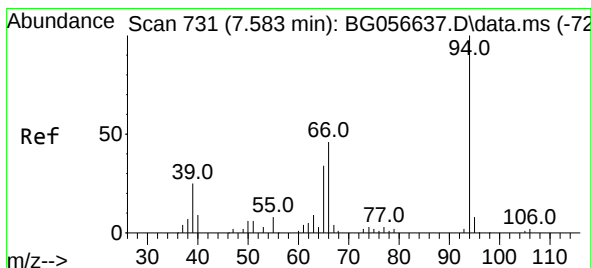
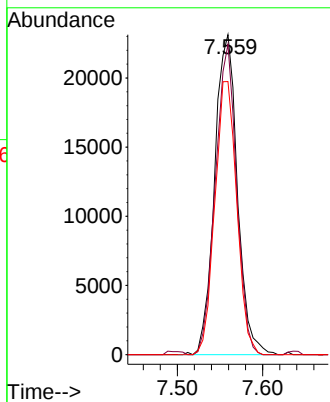
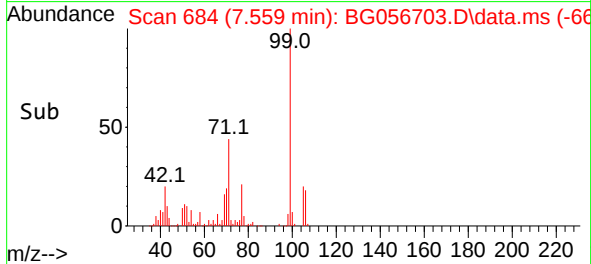
Instrument :
BNA_G
ClientSampleId :
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Tgt Ion: 77 Resp: 42876
Ion Ratio Lower Upper
77 100
105 97.0 78.4 118.4
106 85.3 71.3 111.3

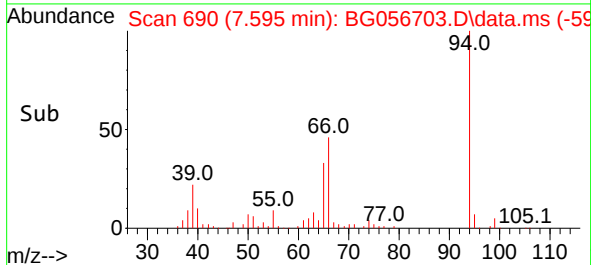
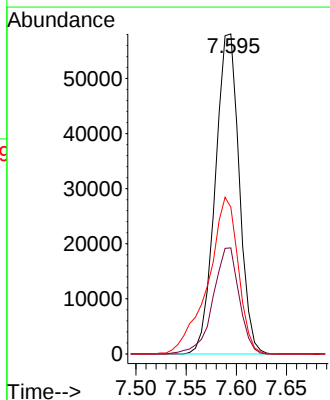
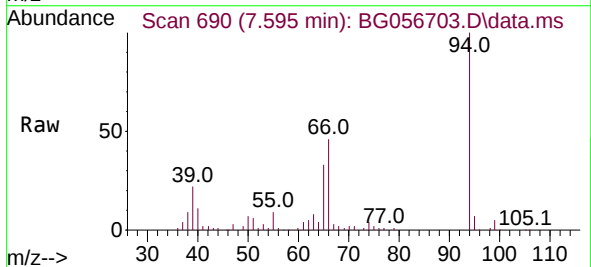
Manual Integrations
APPROVED

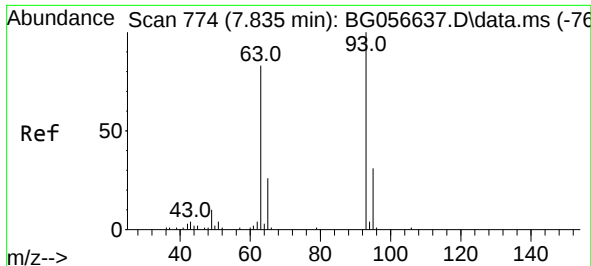
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#10
Phenol
Concen: 46.918 ng
RT: 7.595 min Scan# 690
Delta R.T. 0.014 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40

Tgt Ion: 94 Resp: 96368
Ion Ratio Lower Upper
94 100
65 33.1 14.2 54.2
66 45.8 27.9 67.9





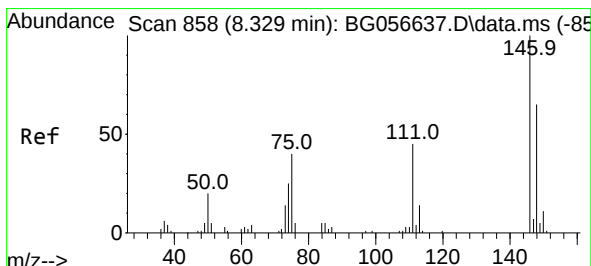
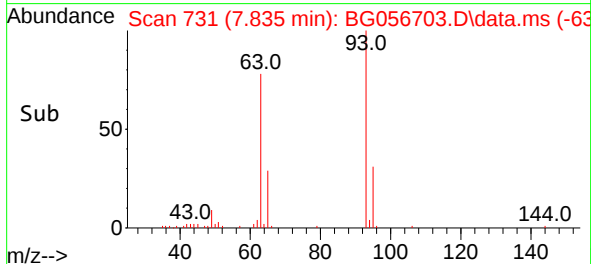
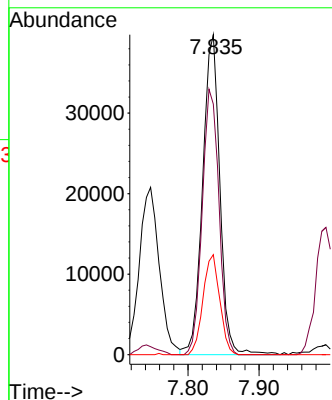
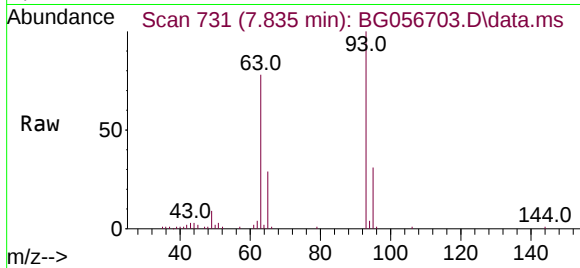
#11
bis(2-Chloroethyl)ether
Concen: 43.288 ng
RT: 7.835 min Scan# 774
Delta R.T. 0.008 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40

Instrument :
BNA_G
ClientSampleId :
TR-05-02212023MSD

Tgt Ion: 93 Resp: 66711
Ion Ratio Lower Upper
93 100
63 78.3 62.8 102.8
95 31.2 10.8 50.8

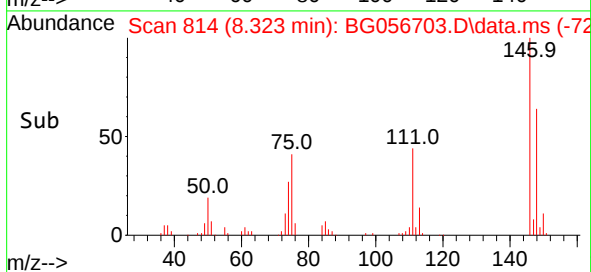
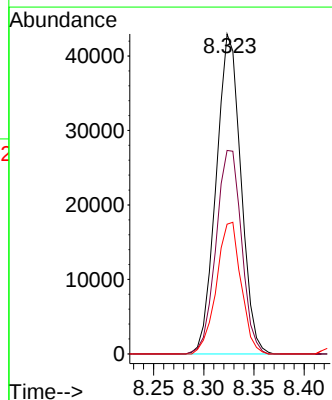
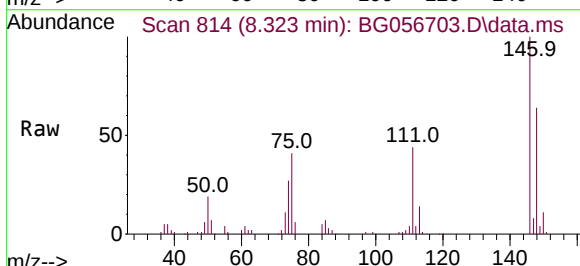
Manual Integrations
APPROVED

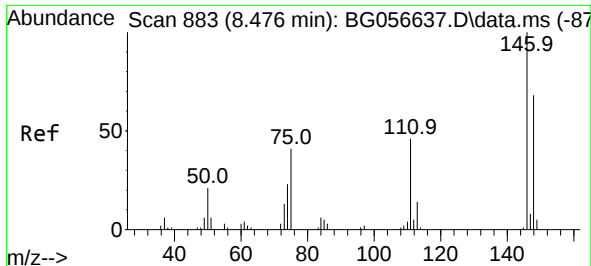
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#12
1,3-Dichlorobenzene
Concen: 46.026 ng
RT: 8.323 min Scan# 814
Delta R.T. 0.002 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40

Tgt Ion:146 Resp: 73752
Ion Ratio Lower Upper
146 100
148 63.6 51.9 77.9
75 40.5 31.8 47.6





#13

1,4-Dichlorobenzene

Concen: 45.343 ng

RT: 8.470 min Scan# 841

Delta R.T. 0.008 min

Lab File: BG056703.D

Acq: 22 Feb 2023 18:40

Instrument :

BNA_G

ClientSampleId :

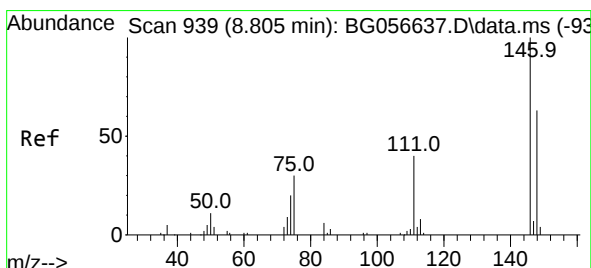
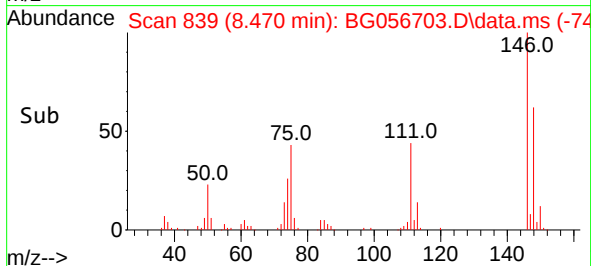
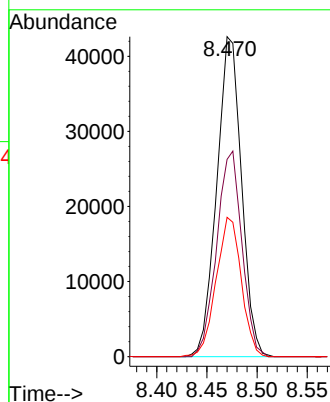
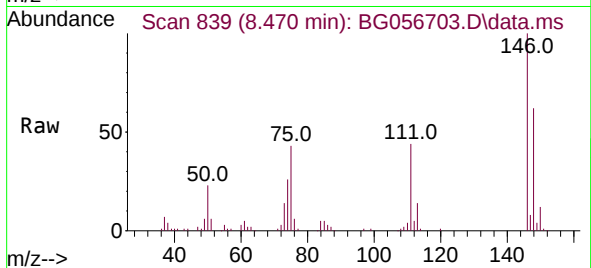
TR-05-02212023MSD

Tgt Ion:146	Resp:	73173
Ion Ratio	Lower	Upper
146	100	
148	61.6	54.5 81.7
111	43.5	37.2 55.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#14

1,2-Dichlorobenzene

Concen: 46.901 ng

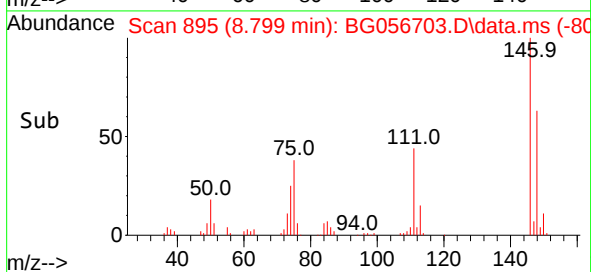
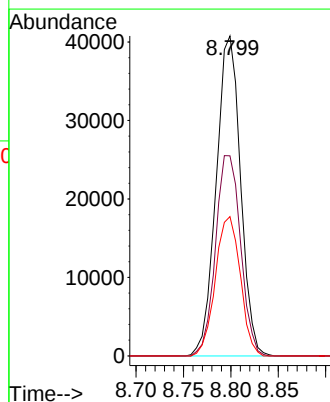
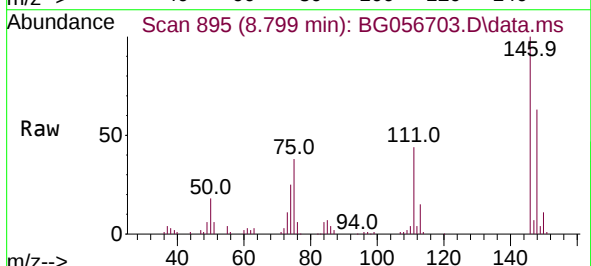
RT: 8.799 min Scan# 895

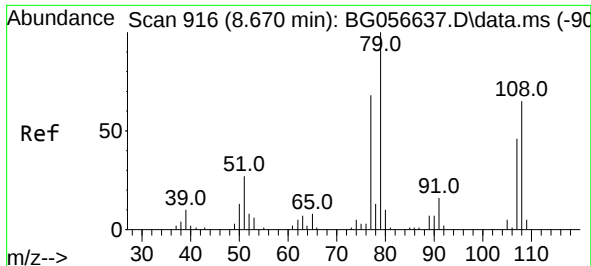
Delta R.T. 0.008 min

Lab File: BG056703.D

Acq: 22 Feb 2023 18:40

Tgt Ion:146	Resp:	72750
Ion Ratio	Lower	Upper
146	100	
148	62.5	50.7 76.1
111	43.5	33.8 50.6





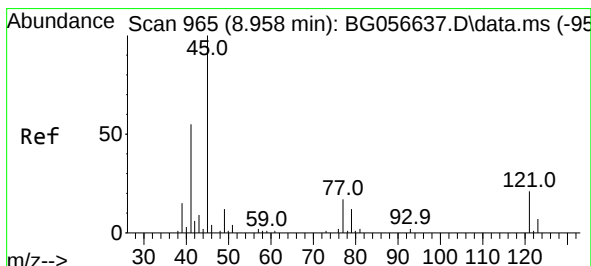
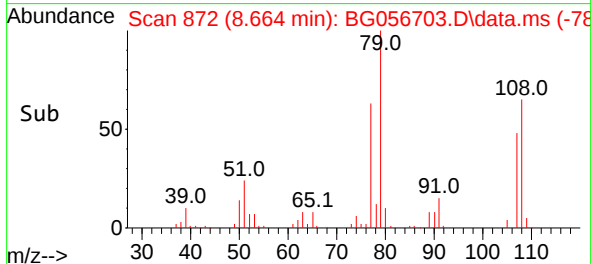
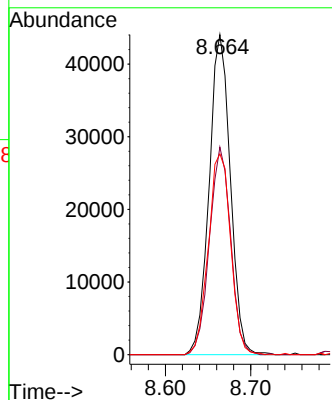
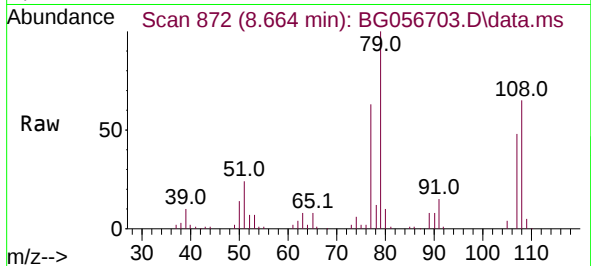
#15
Benzyl Alcohol
Concen: 42.234 ng
RT: 8.664 min Scan# 81
Delta R.T. 0.008 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40

Instrument :
BNA_G
ClientSampleId :
TR-05-02212023MSD

Tgt Ion: 79 Resp: 75933
Ion Ratio Lower Upper
79 100
108 64.8 52.0 78.0
77 62.7 54.2 81.2

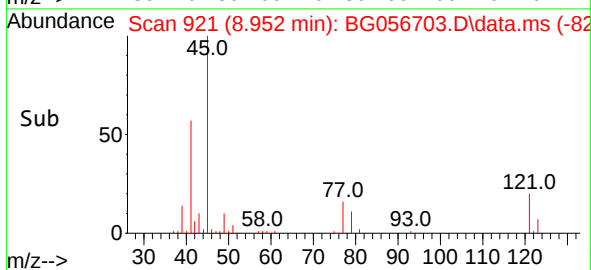
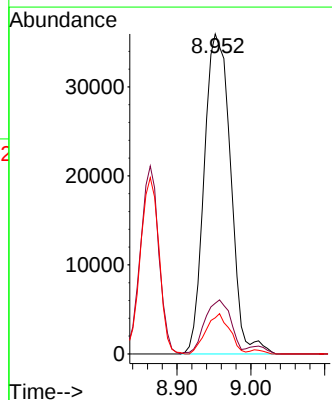
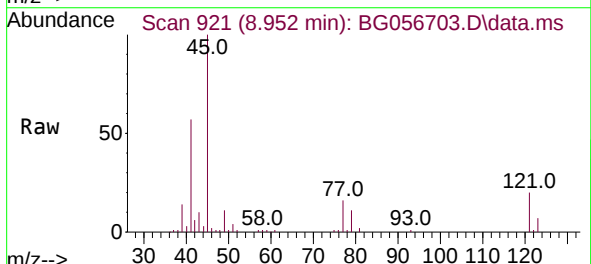
Manual Integrations
APPROVED

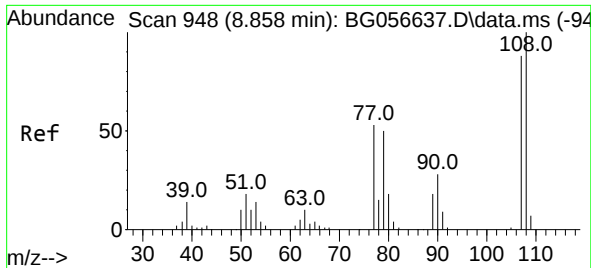
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.167 ng m
RT: 8.952 min Scan# 921
Delta R.T. 0.008 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40

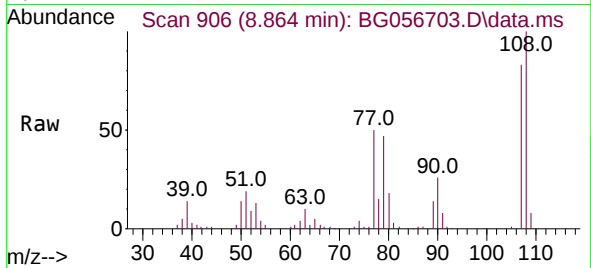
Tgt Ion: 45 Resp: 89314
Ion Ratio Lower Upper
45 100
77 15.8 0.0 36.5
79 11.3 0.0 31.6





#17
2-Methylphenol
Concen: 43.000 ng
RT: 8.864 min Scan# 90
Delta R.T. 0.008 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40

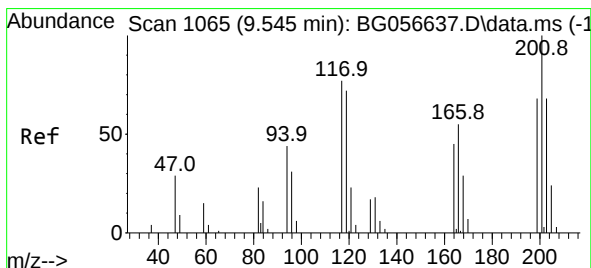
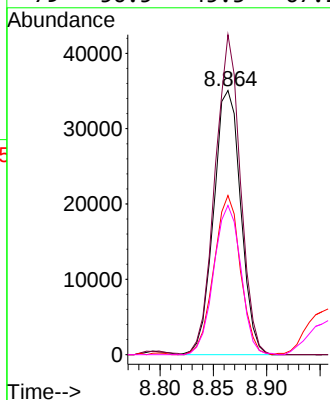
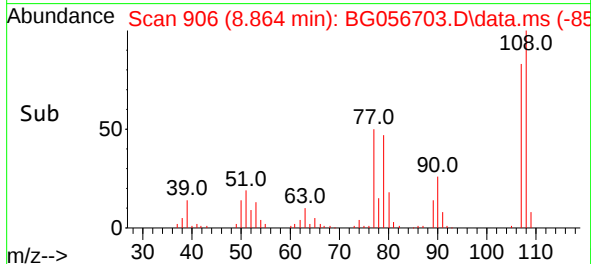
Instrument :
BNA_G
ClientSampleId :
TR-05-02212023MSD



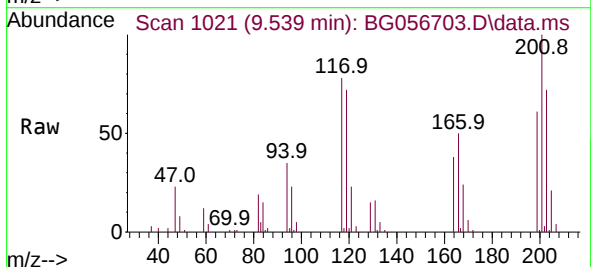
Tgt Ion:107 Resp: 62062
Ion Ratio Lower Upper
107 100
108 121.1 91.3 136.9
77 60.2 48.5 72.7
79 56.5 45.3 67.9

Manual Integrations
APPROVED

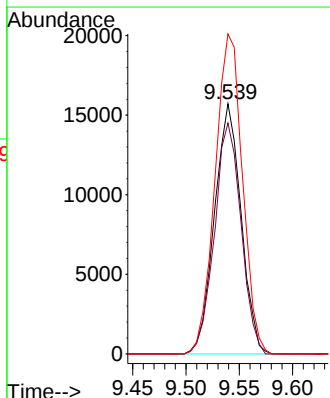
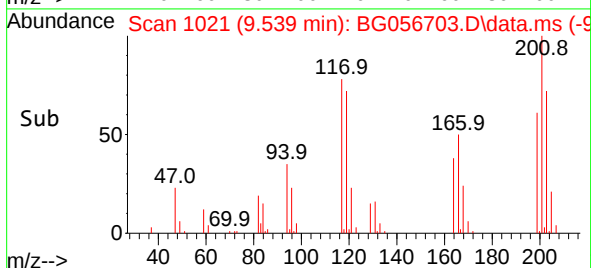
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

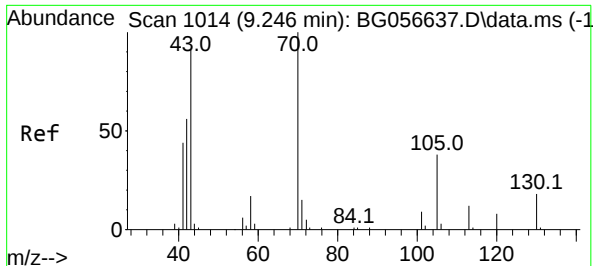


#18
Hexachloroethane
Concen: 53.295 ng
RT: 9.539 min Scan# 1021
Delta R.T. 0.008 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40



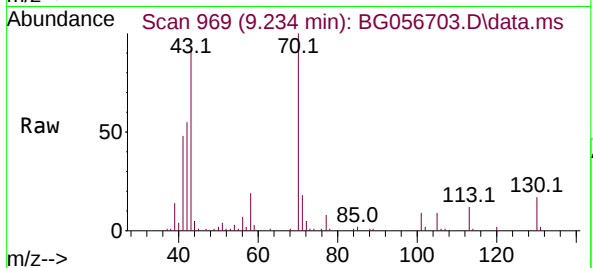
Tgt Ion:117 Resp: 27244
Ion Ratio Lower Upper
117 100
119 92.3 74.1 111.1
201 127.9 106.4 159.6





#19
n-Nitroso-di-n-propylamine
Concen: 39.915 ng
RT: 9.234 min Scan# 90
Delta R.T. 0.002 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40

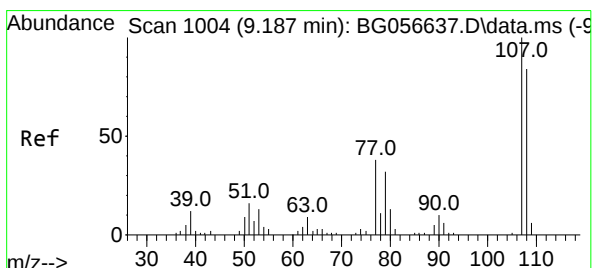
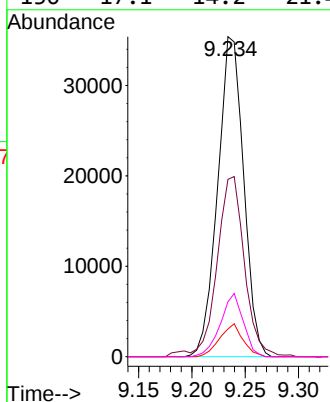
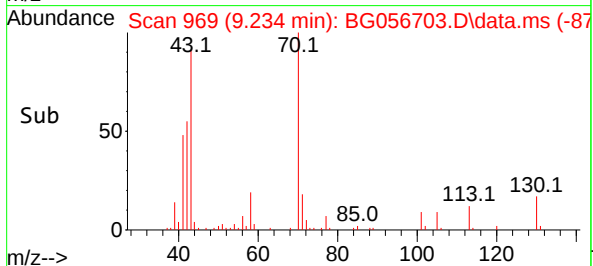
Instrument :
BNA_G
ClientSampleId :
TR-05-02212023MSD



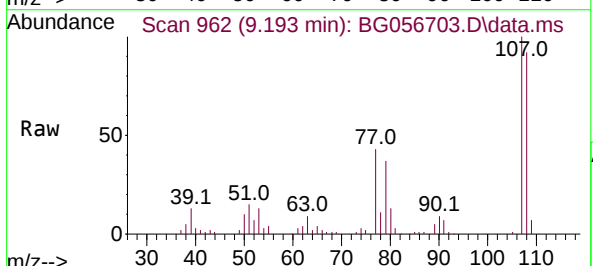
Tgt Ion: 70 Resp: 60000
Ion Ratio Lower Upper
70 100
42 55.4 45.7 68.5
101 8.6 7.4 11.0
130 17.1 14.2 21.4

Manual Integrations
APPROVED

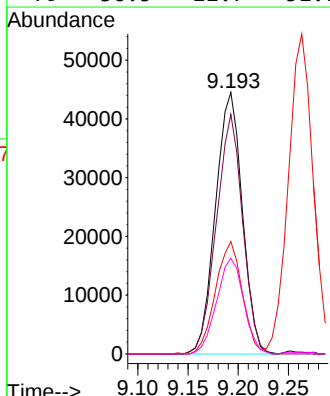
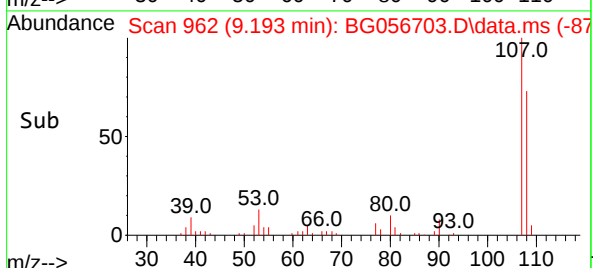
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

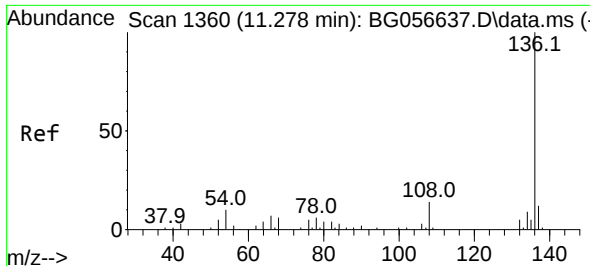


#20
3+4-Methylphenols
Concen: 41.663 ng
RT: 9.193 min Scan# 962
Delta R.T. 0.008 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40



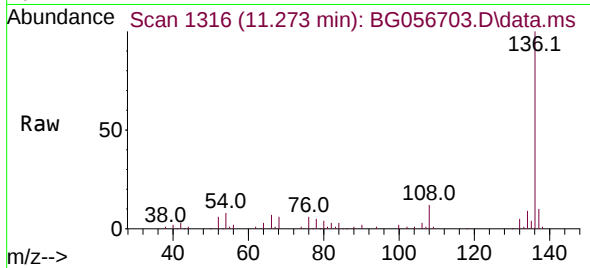
Tgt Ion:107 Resp: 82611
Ion Ratio Lower Upper
107 100
108 91.6 64.3 104.3
77 43.0 17.8 57.8
79 36.5 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.273 min Scan# 1316
Delta R.T. 0.002 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40

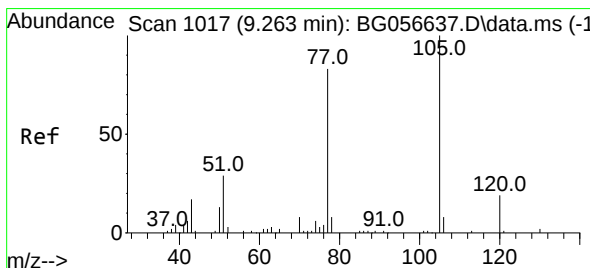
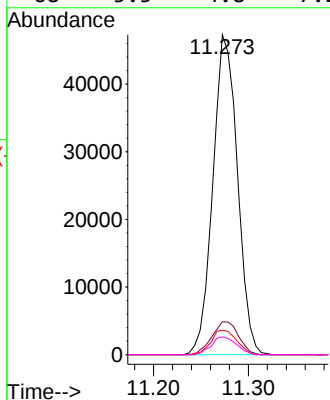
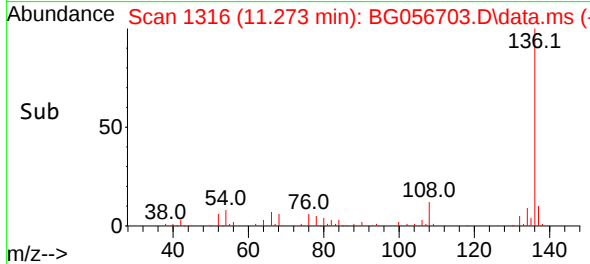
Instrument :
BNA_G
ClientSampleId :
TR-05-02212023MSD



Tgt Ion:136 Resp: 84961
Ion Ratio Lower Upper
136 100
137 10.3 9.7 14.5
54 7.6 7.7 11.5
68 5.5 4.8 7.2

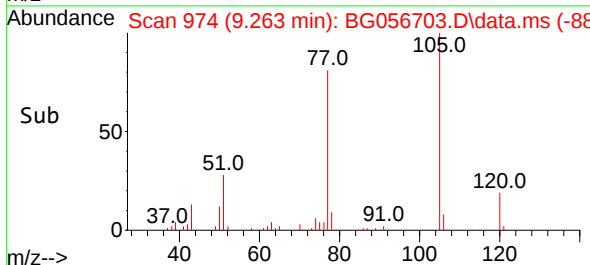
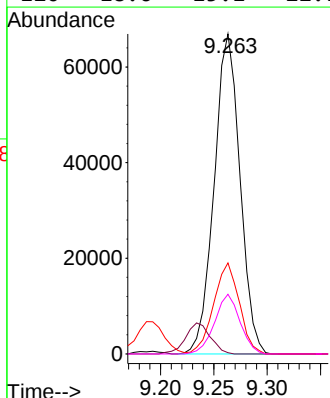
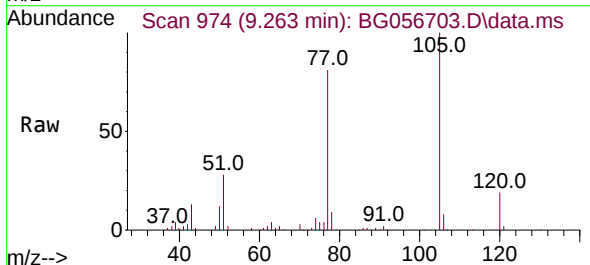
Manual Integrations
APPROVED

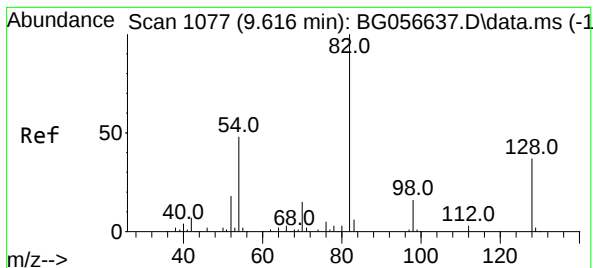
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#22
Acetophenone
Concen: 43.404 ng
RT: 9.263 min Scan# 974
Delta R.T. 0.008 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40

Tgt Ion:105 Resp: 112677
Ion Ratio Lower Upper
105 100
71 0.4 1.4 2.0#
51 28.4 23.9 35.9
120 18.6 15.1 22.7





#23

Nitrobenzene-d5

Concen: 84.758 ng

RT: 9.610 min Scan# 1077

Delta R.T. 0.008 min

Lab File: BG056703.D

Acq: 22 Feb 2023 18:40

Instrument :

BNA_G

ClientSampleId :

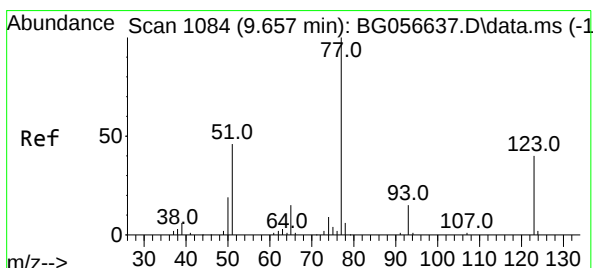
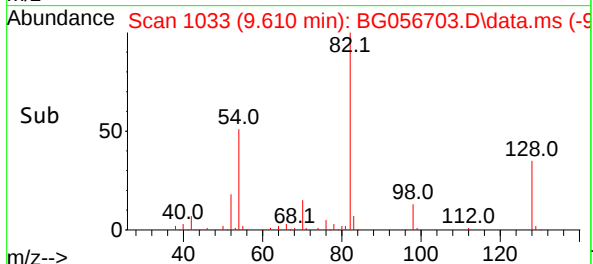
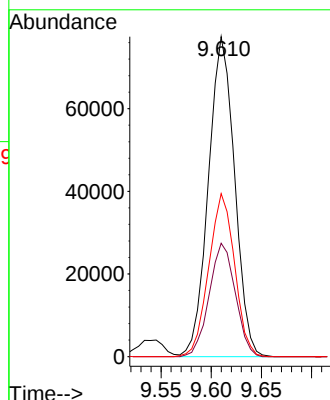
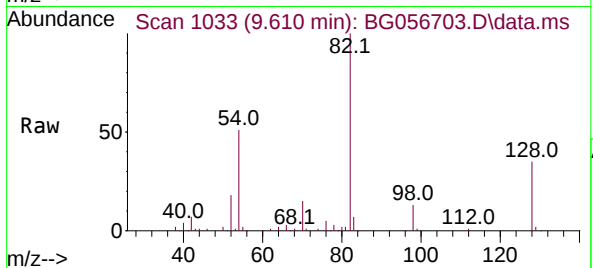
TR-05-02212023MSD

Tgt Ion: 82 Resp: 140643
 Ion Ratio Lower Upper
 82 100
 128 35.5 29.4 44.2
 54 50.9 37.8 56.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/23/2023
 Supervised By :Jagrut Upadhyay 02/23/2023



#24

Nitrobenzene

Concen: 48.100 ng

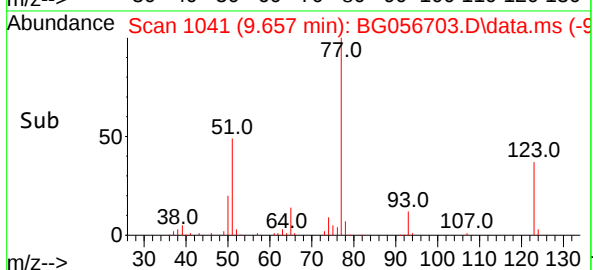
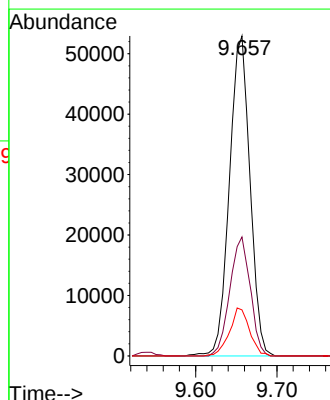
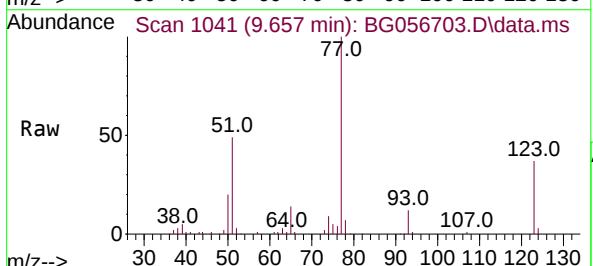
RT: 9.657 min Scan# 1041

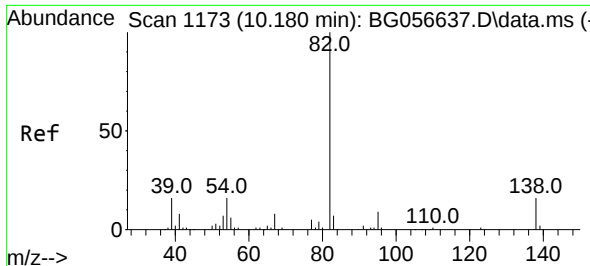
Delta R.T. 0.008 min

Lab File: BG056703.D

Acq: 22 Feb 2023 18:40

Tgt Ion: 77 Resp: 92977
 Ion Ratio Lower Upper
 77 100
 123 37.2 31.8 47.8
 65 14.4 12.0 18.0





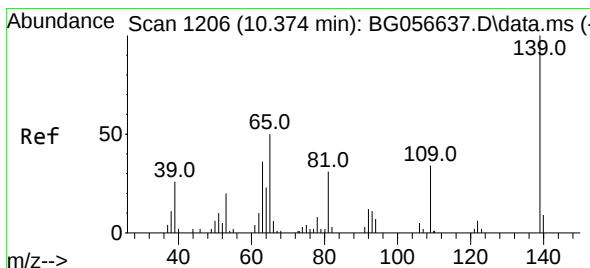
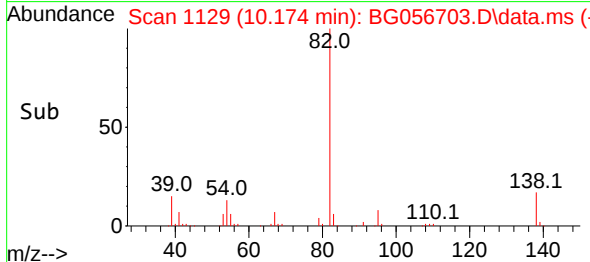
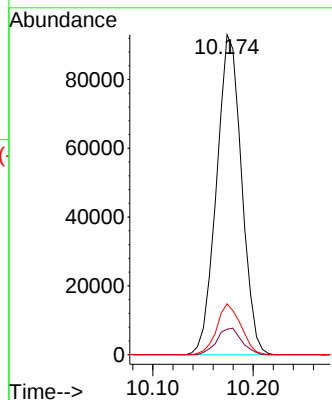
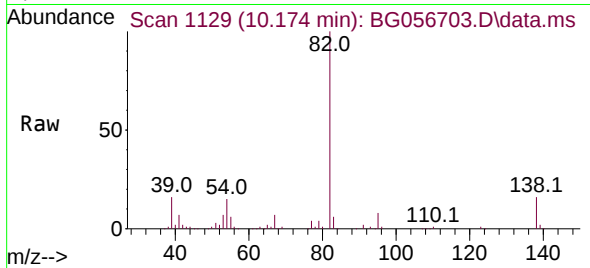
#25
Isophorone
Concen: 39.926 ng
RT: 10.174 min Scan# 1173
Delta R.T. 0.002 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40

Instrument :
BNA_G
ClientSampleId :
TR-05-02212023MSD

Tgt Ion: 82 Resp: 161239
Ion Ratio Lower Upper
82 100
95 7.9 7.0 10.4
138 15.9 12.9 19.3

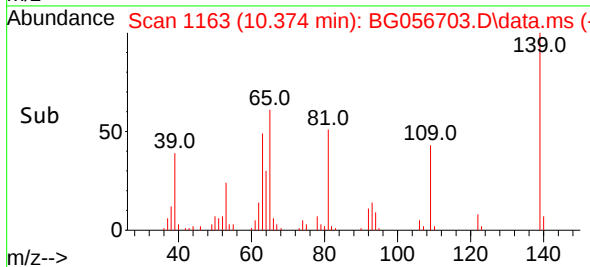
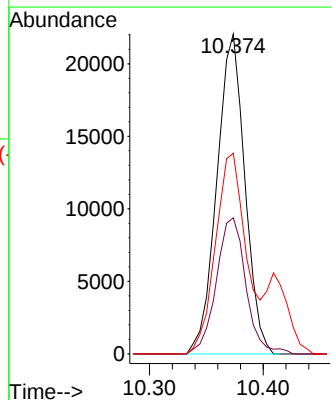
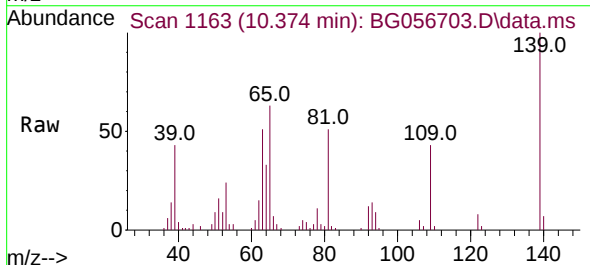
Manual Integrations
APPROVED

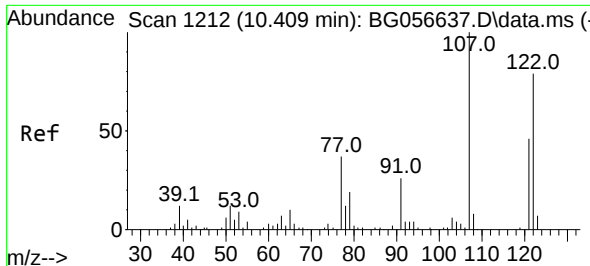
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#26
2-Nitrophenol
Concen: 55.191 ng
RT: 10.374 min Scan# 1163
Delta R.T. 0.008 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40

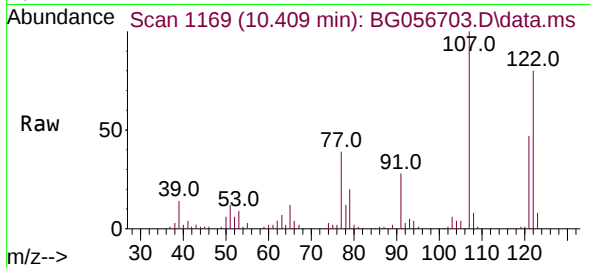
Tgt Ion:139 Resp: 37709
Ion Ratio Lower Upper
139 100
109 42.5 27.0 40.6#
65 62.7 40.0 60.0#





#27
2,4-Dimethylphenol
Concen: 44.364 ng
RT: 10.409 min Scan# 1169
Delta R.T. 0.008 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40

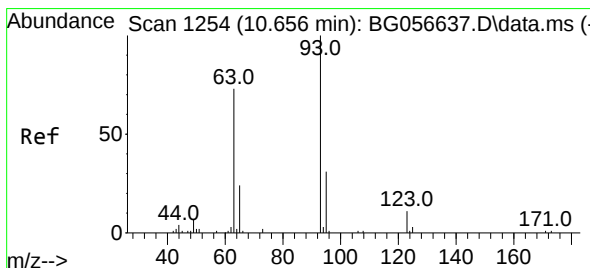
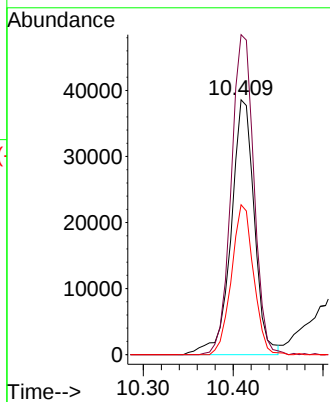
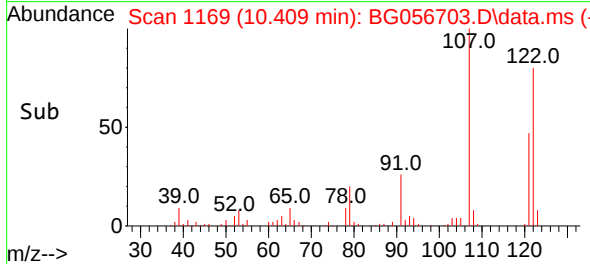
Instrument :
BNA_G
ClientSampleId :
TR-05-02212023MSD



Tgt Ion:122 Resp: 6926
Ion Ratio Lower Upper
122 100
107 125.6 101.6 152.4
121 58.8 47.2 70.8

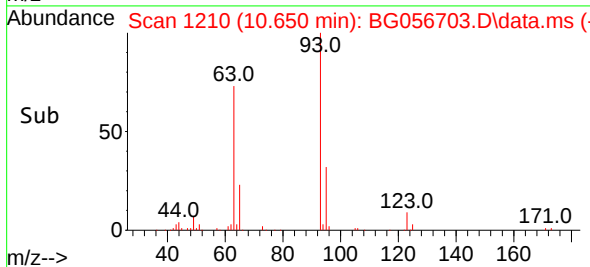
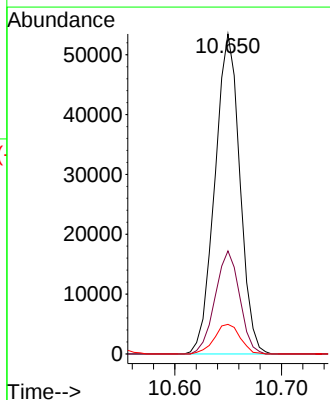
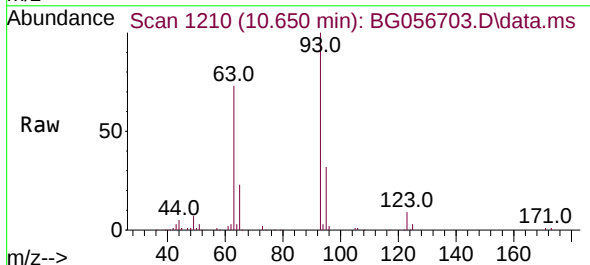
Manual Integrations
APPROVED

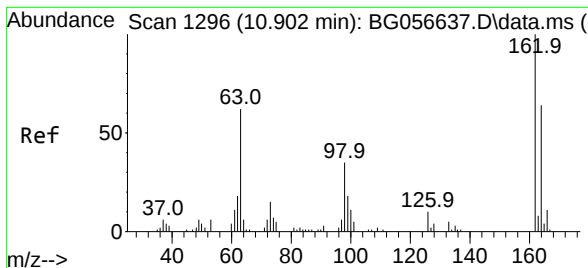
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#28
bis(2-Chloroethoxy)methane
Concen: 42.263 ng
RT: 10.650 min Scan# 1210
Delta R.T. 0.008 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40

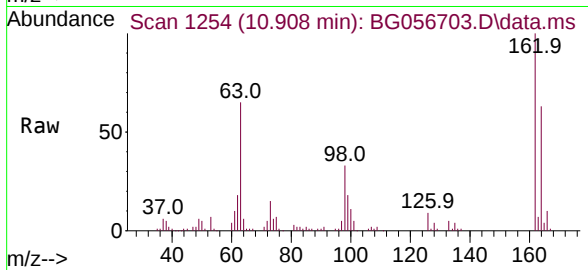
Tgt Ion: 93 Resp: 86981
Ion Ratio Lower Upper
93 100
95 32.2 24.5 36.7
123 9.2 8.7 13.1





#29
2,4-Dichlorophenol
Concen: 47.701 ng
RT: 10.908 min Scan# 11
Delta R.T. 0.008 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40

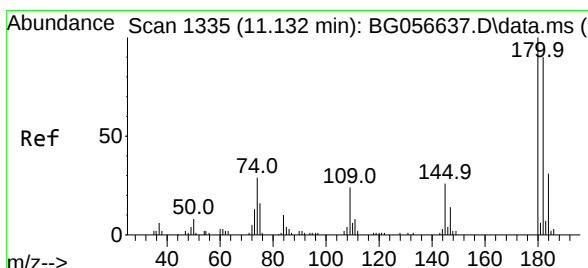
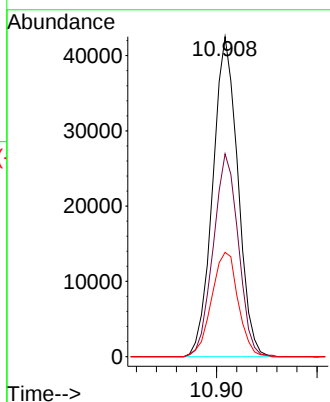
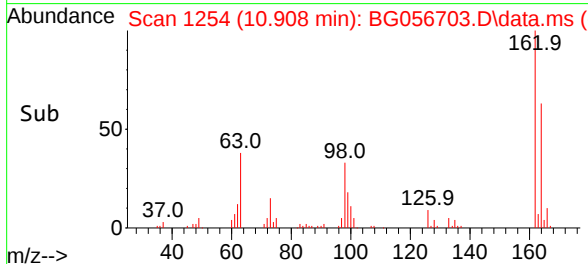
Instrument :
BNA_G
ClientSampleId :
TR-05-02212023MSD



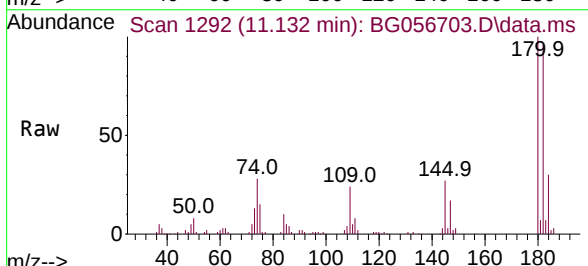
Tgt Ion:162 Resp: 73814
Ion Ratio Lower Upper
162 100
164 63.4 44.1 84.1
98 32.6 14.8 54.8

Manual Integrations
APPROVED

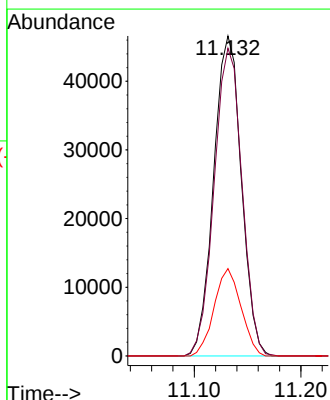
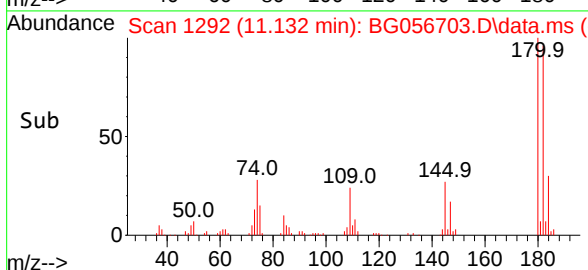
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

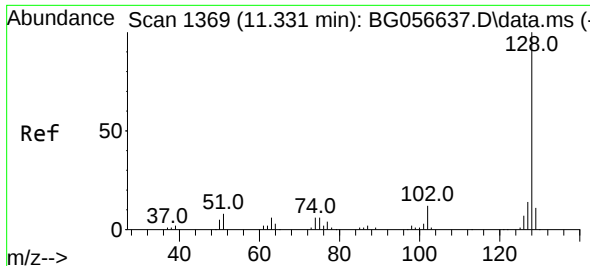


#30
1,2,4-Trichlorobenzene
Concen: 45.574 ng
RT: 11.132 min Scan# 1292
Delta R.T. 0.008 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40



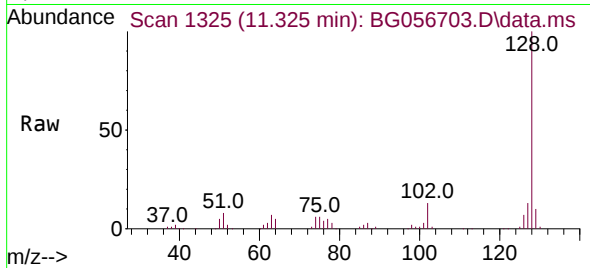
Tgt Ion:180 Resp: 84009
Ion Ratio Lower Upper
180 100
182 96.1 71.7 107.5
145 27.3 20.6 30.8





#31
Naphthalene
Concen: 44.986 ng
RT: 11.325 min Scan# 1192
Delta R.T. 0.008 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40

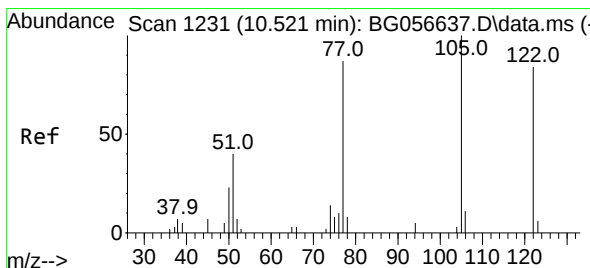
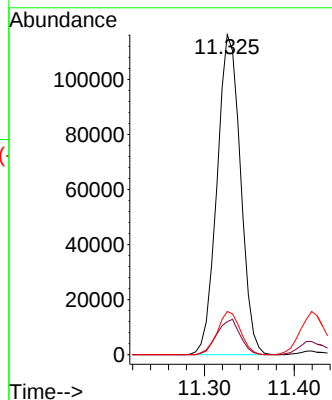
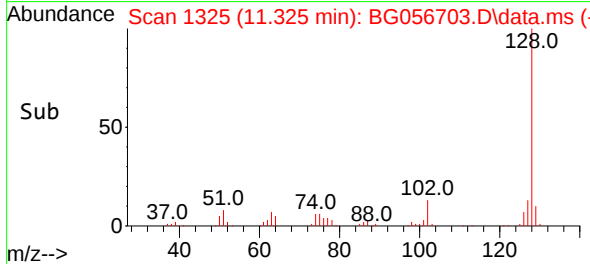
Instrument :
BNA_G
ClientSampleId :
TR-05-02212023MSD



Tgt Ion:128 Resp: 211826
Ion Ratio Lower Upper
128 100
129 10.3 8.7 13.1
127 13.5 10.9 16.3

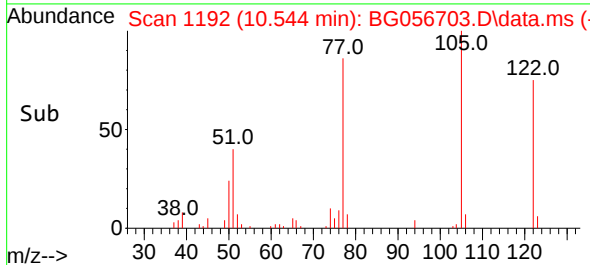
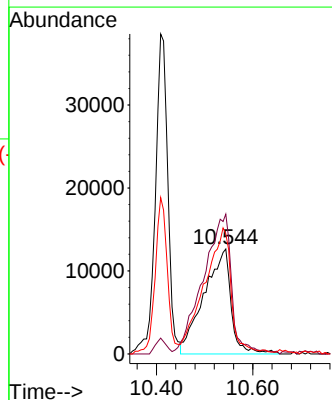
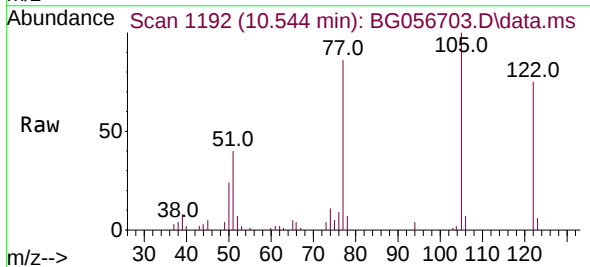
Manual Integrations
APPROVED

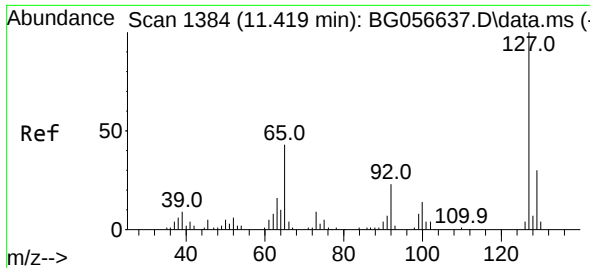
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#32
Benzoic acid
Concen: 49.074 ng m
RT: 10.544 min Scan# 1192
Delta R.T. 0.026 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40

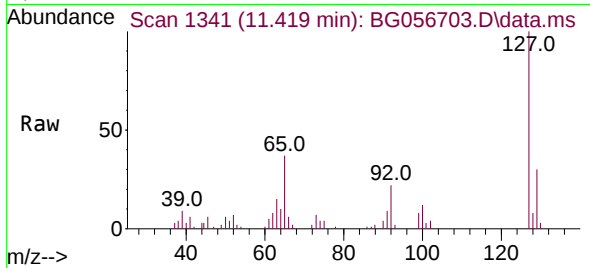
Tgt Ion:122 Resp: 49384
Ion Ratio Lower Upper
122 100
105 133.2 100.5 140.5
77 114.5 80.8 120.8





#33
4-Chloroaniline
Concen: 14.547 ng
RT: 11.419 min Scan# 1384
Delta R.T. 0.002 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40

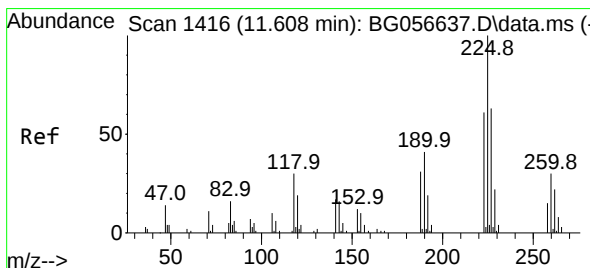
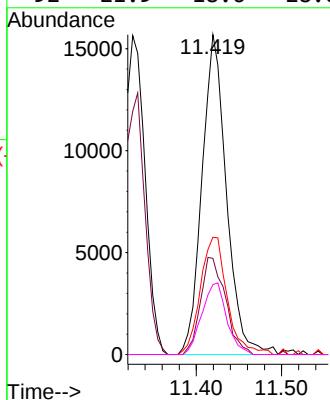
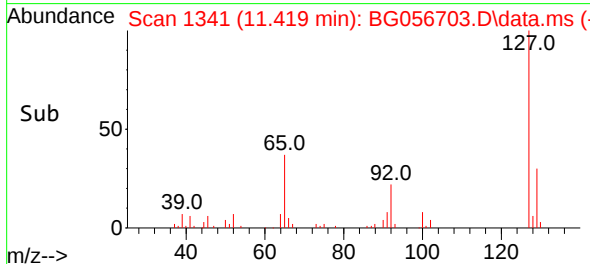
Instrument :
BNA_G
ClientSampleId :
TR-05-02212023MSD



Tgt Ion:	127	Resp:	31295
Ion Ratio	Lower	Upper	
127	100		
129	30.1	24.1	36.1
65	36.7	34.3	51.5
92	21.9	18.6	28.0

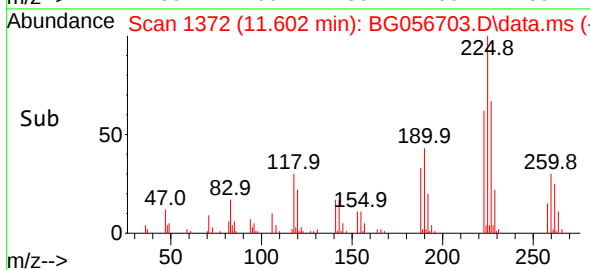
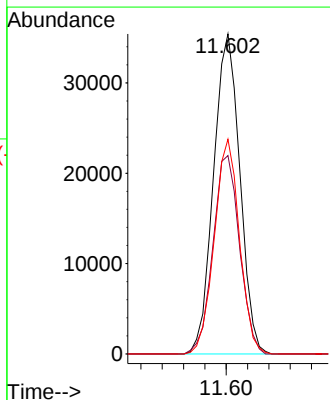
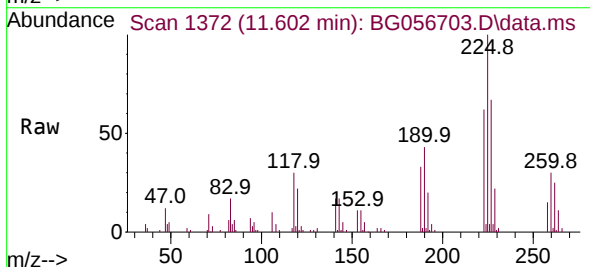
Manual Integrations
APPROVED

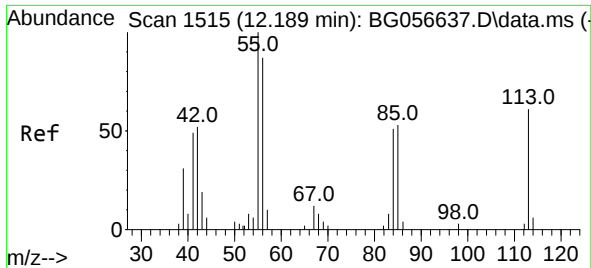
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#34
Hexachlorobutadiene
Concen: 46.005 ng
RT: 11.602 min Scan# 1372
Delta R.T. 0.008 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40

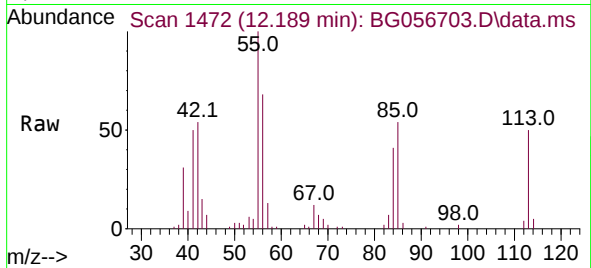
Tgt Ion:	225	Resp:	60603
Ion Ratio	Lower	Upper	
225	100		
223	62.0	48.5	72.7
227	67.1	50.2	75.4





#35
Caprolactam
Concen: 40.457 ng m
RT: 12.189 min Scan# 14
Delta R.T. 0.008 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40

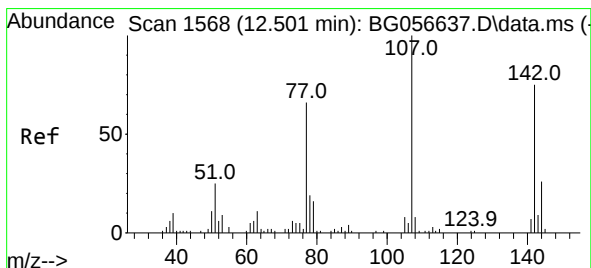
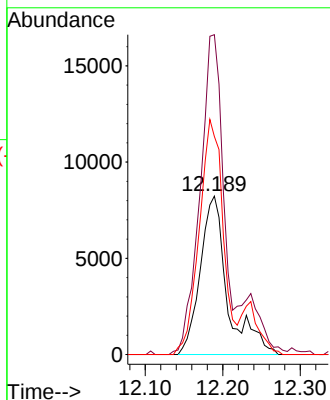
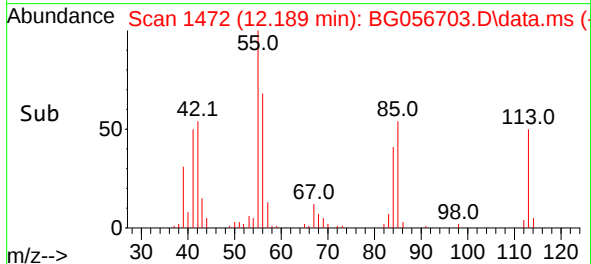
Instrument :
BNA_G
ClientSampleId :
TR-05-02212023MSD



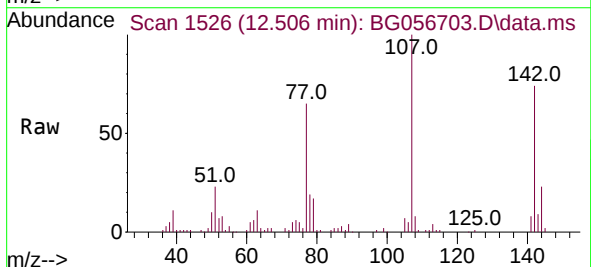
Tgt Ion:113 Resp: 20136
Ion Ratio Lower Upper
113 100
55 201.9 145.0 185.0
56 137.6 122.9 162.9

Manual Integrations
APPROVED

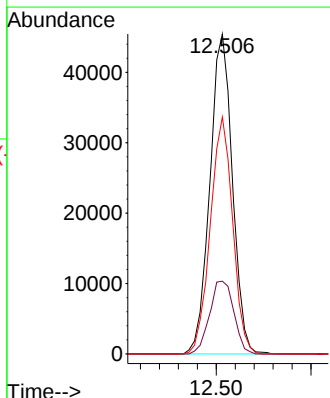
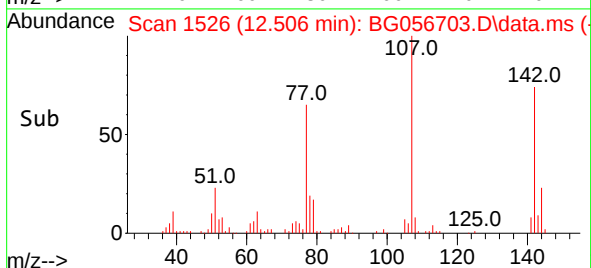
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

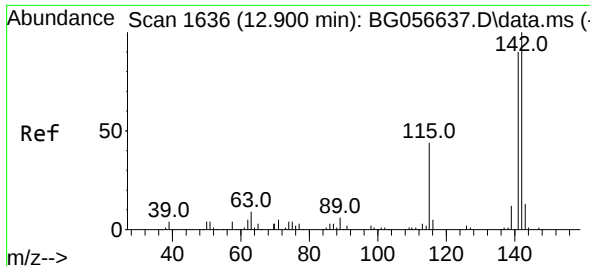


#36
4-Chloro-3-methylphenol
Concen: 43.886 ng
RT: 12.506 min Scan# 1526
Delta R.T. 0.008 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40



Tgt Ion:107 Resp: 74892
Ion Ratio Lower Upper
107 100
144 22.7 21.0 31.4
142 74.0 60.1 90.1





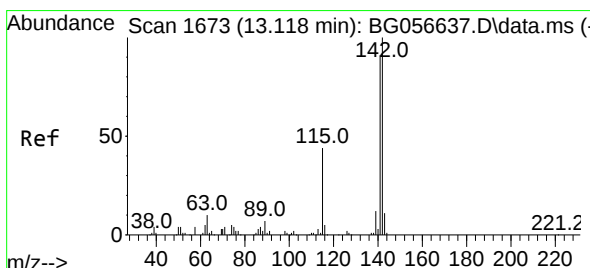
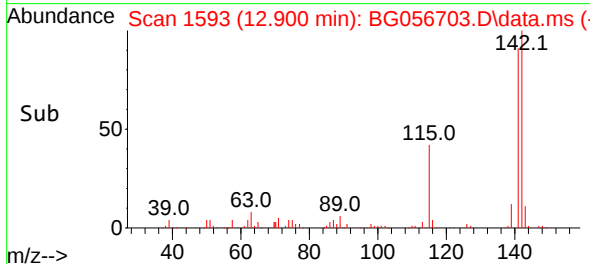
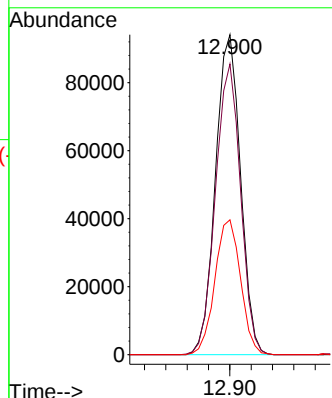
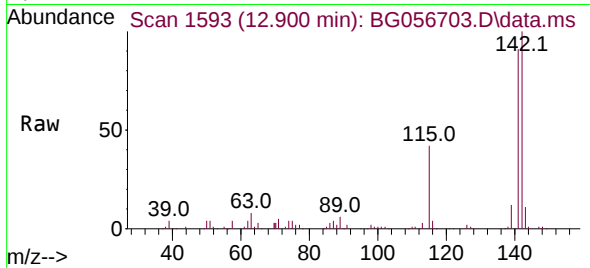
#37
2-Methylnaphthalene
Concen: 41.313 ng
RT: 12.900 min Scan# 11
Delta R.T. 0.008 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40

Instrument :
BNA_G
ClientSampleId :
TR-05-02212023MSD

Tgt Ion:142 Resp: 153592
Ion Ratio Lower Upper
142 100
141 90.8 71.9 107.9
115 42.1 35.1 52.7

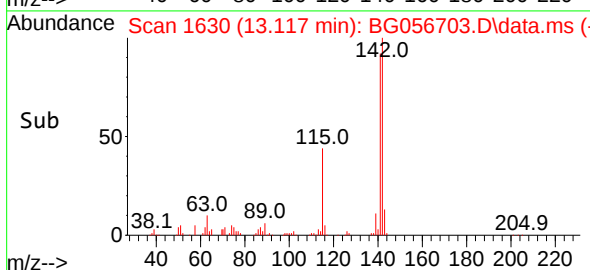
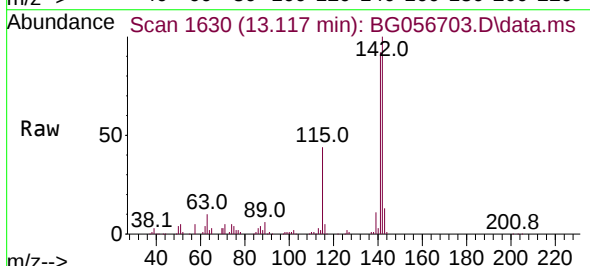
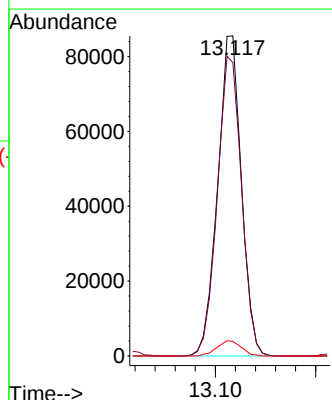
Manual Integrations
APPROVED

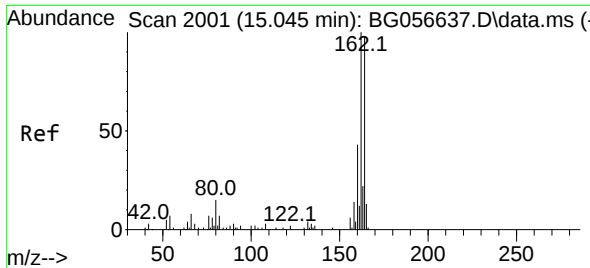
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#38
1-Methylnaphthalene
Concen: 40.494 ng
RT: 13.117 min Scan# 1630
Delta R.T. 0.008 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40

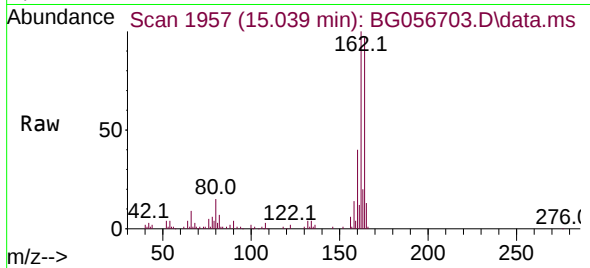
Tgt Ion:142 Resp: 140484
Ion Ratio Lower Upper
142 100
141 91.7 72.7 109.1
116 4.5 4.2 6.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.039 min Scan# 1957
Delta R.T. 0.002 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40

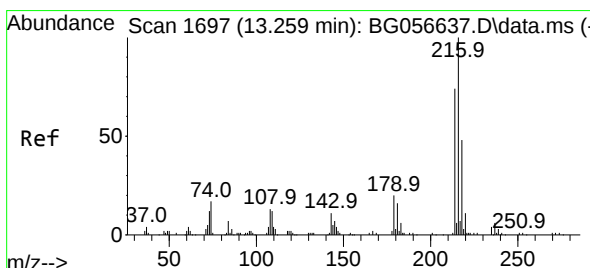
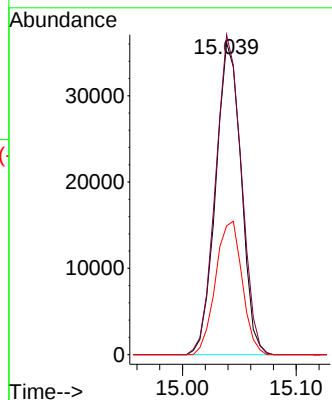
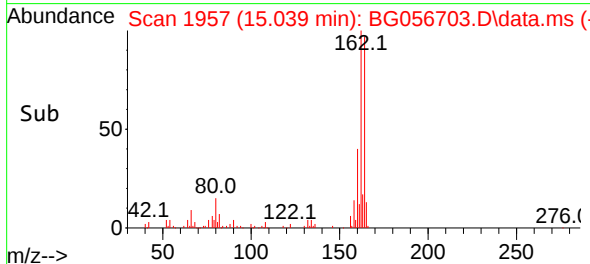
Instrument :
BNA_G
ClientSampleId :
TR-05-02212023MSD



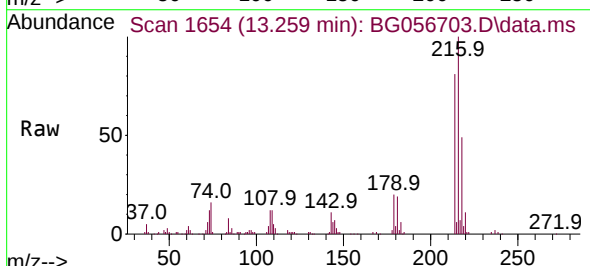
Tgt Ion:164 Resp: 55987
Ion Ratio Lower Upper
164 100
162 102.6 81.3 121.9
160 41.3 35.2 52.8

Manual Integrations
APPROVED

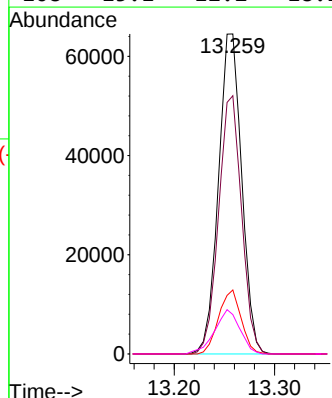
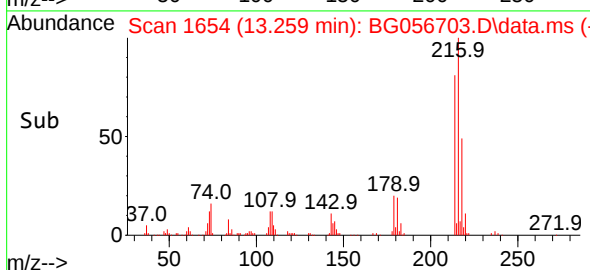
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

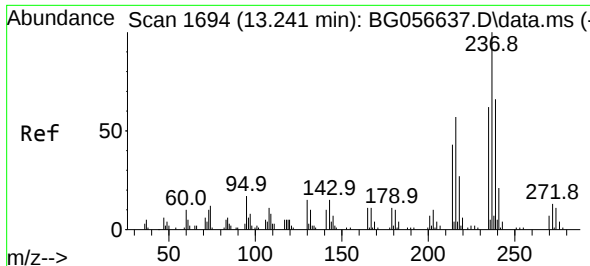


#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.920 ng
RT: 13.259 min Scan# 1654
Delta R.T. 0.008 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40



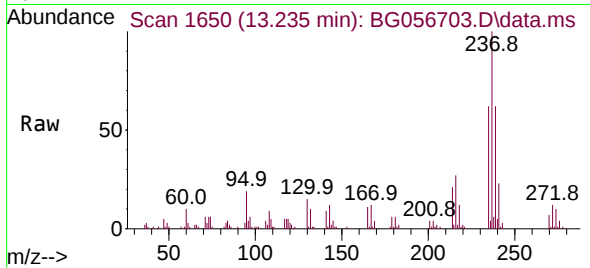
Tgt Ion:216 Resp: 103899
Ion Ratio Lower Upper
216 100
214 79.7 61.8 92.8
179 19.4 15.1 22.7
108 15.1 12.2 18.2





#41
Hexachlorocyclopentadiene
Concen: 45.124 ng
RT: 13.235 min Scan# 10
Delta R.T. 0.008 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40

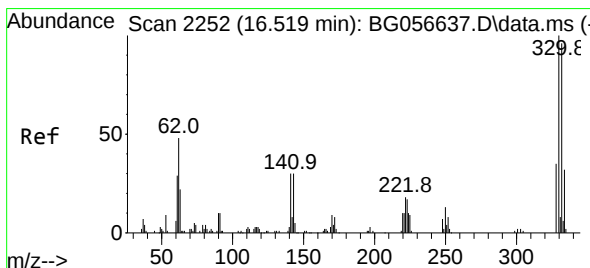
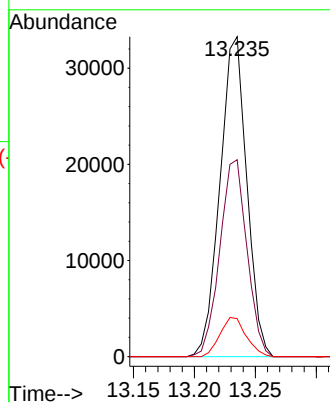
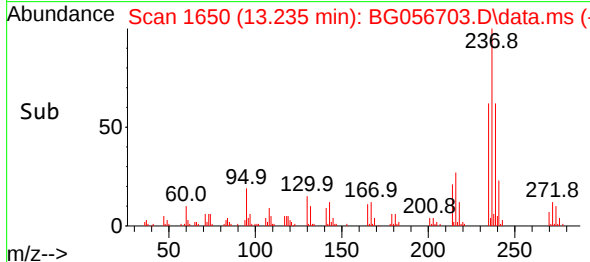
Instrument :
BNA_G
ClientSampleId :
TR-05-02212023MSD



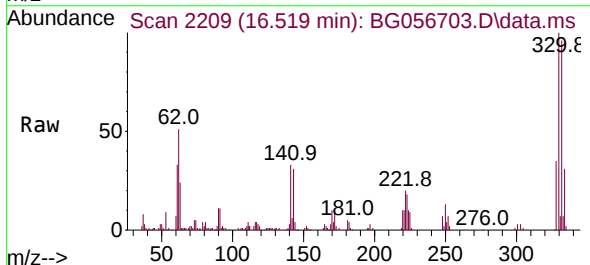
Tgt Ion:237 Resp: 50938
Ion Ratio Lower Upper
237 100
235 61.5 41.6 81.6
272 11.9 0.0 32.6

Manual Integrations
APPROVED

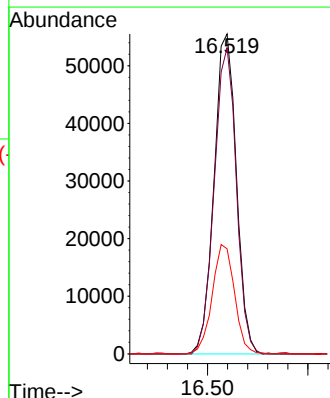
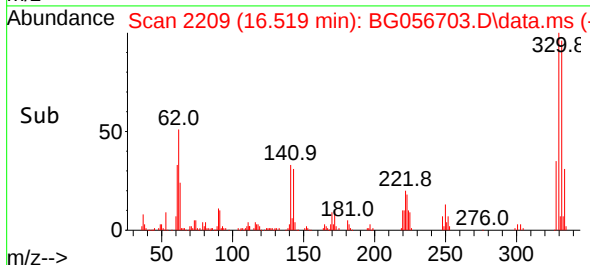
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

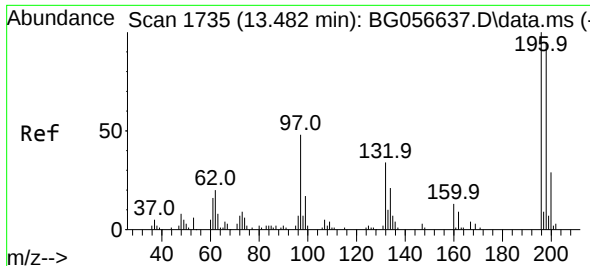


#42
2,4,6-Tribromophenol
Concen: 112.079 ng
RT: 16.519 min Scan# 2209
Delta R.T. 0.008 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40



Tgt Ion:330 Resp: 85912
Ion Ratio Lower Upper
330 100
332 94.6 75.7 113.5
141 34.1 24.6 37.0





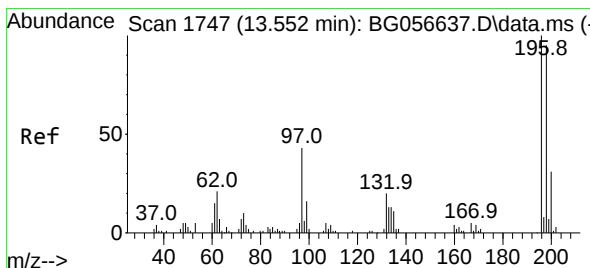
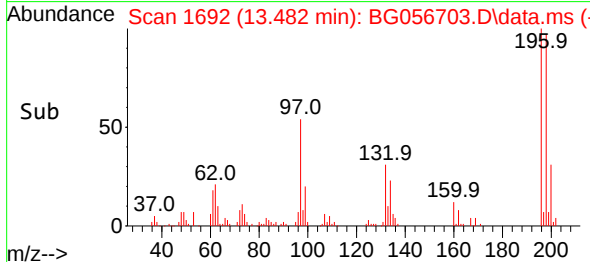
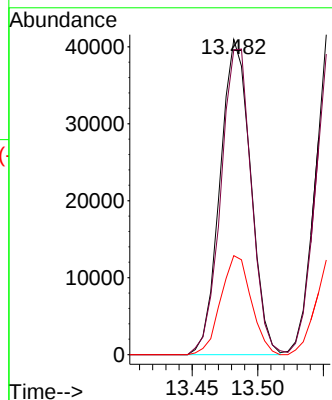
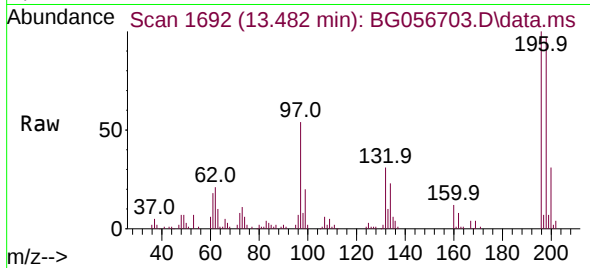
#43
2,4,6-Trichlorophenol
Concen: 52.458 ng
RT: 13.482 min Scan# 1705
Delta R.T. 0.002 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40

Instrument :
BNA_G
ClientSampleId :
TR-05-02212023MSD

Tgt Ion:196 Resp: 66243
Ion Ratio Lower Upper
196 100
198 96.7 76.2 114.2
200 31.4 23.2 34.8

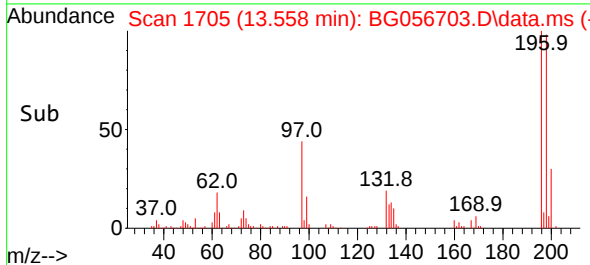
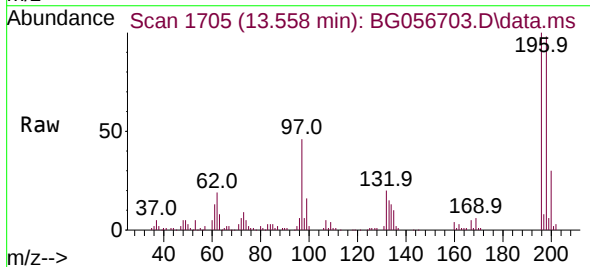
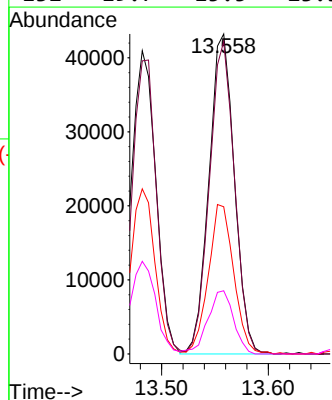
Manual Integrations
APPROVED

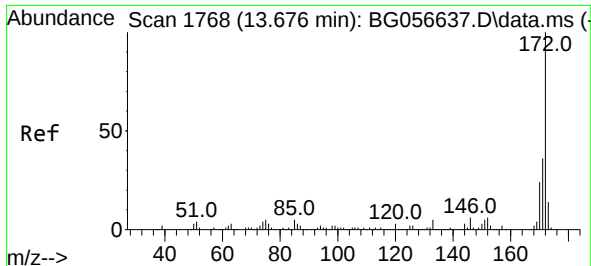
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#44
2,4,5-Trichlorophenol
Concen: 47.435 ng
RT: 13.558 min Scan# 1705
Delta R.T. 0.008 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40

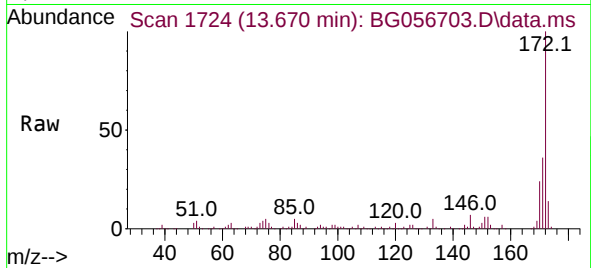
Tgt Ion:196 Resp: 71791
Ion Ratio Lower Upper
196 100
198 97.6 76.2 114.4
97 46.0 34.9 52.3
132 19.7 15.5 23.3





#45
2-Fluorobiphenyl
Concen: 71.193 ng
RT: 13.670 min Scan# 1768
Delta R.T. 0.002 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40

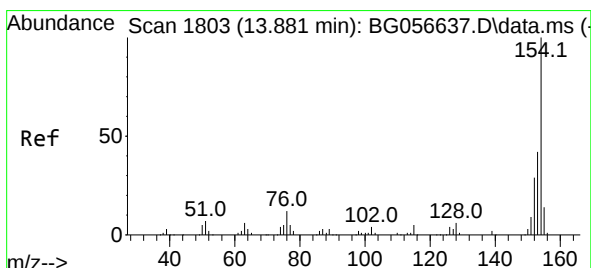
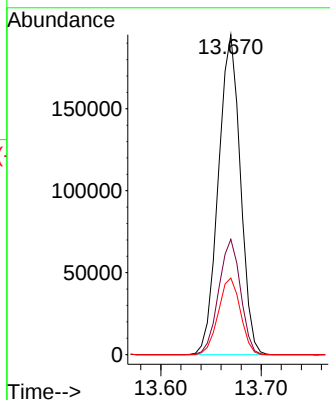
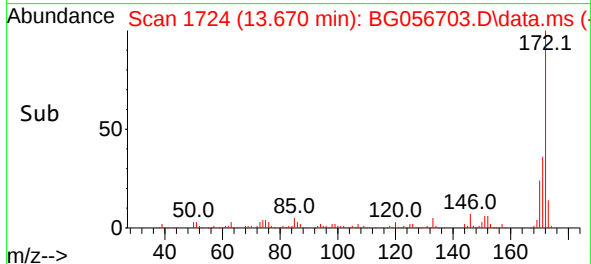
Instrument :
BNA_G
ClientSampleId :
TR-05-02212023MSD



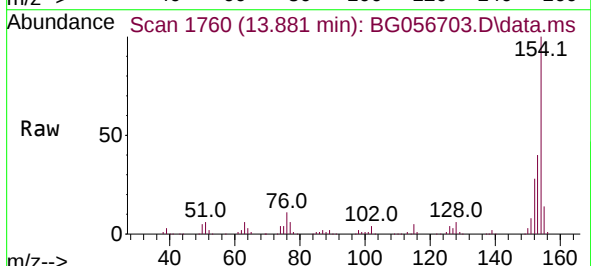
Tgt Ion:172 Resp: 297663
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 23.9 19.4 29.0

Manual Integrations
APPROVED

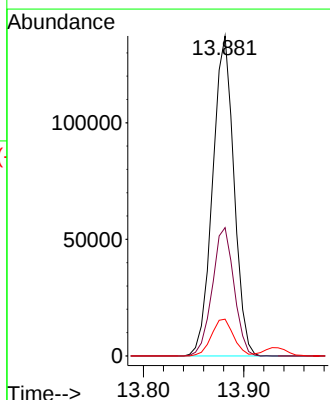
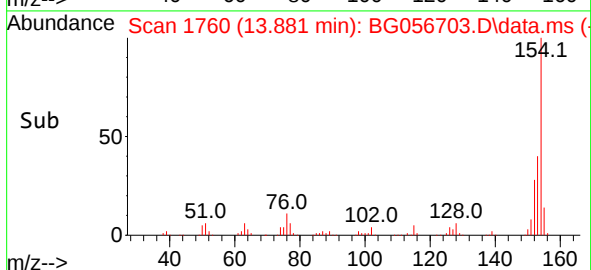
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

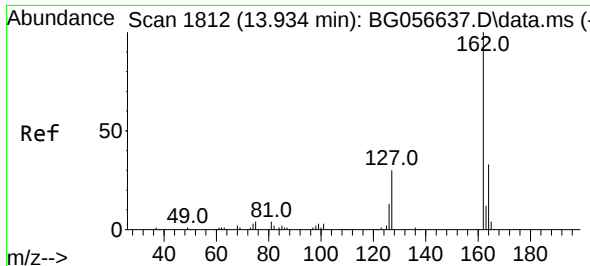


#46
1,1'-Biphenyl
Concen: 47.821 ng
RT: 13.881 min Scan# 1760
Delta R.T. 0.002 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40



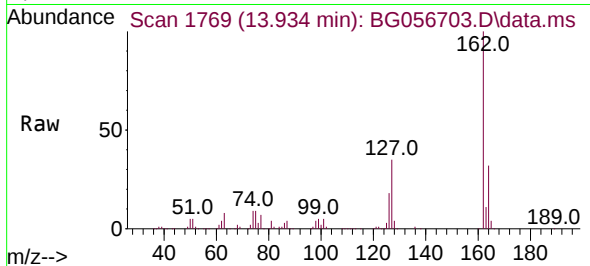
Tgt Ion:154 Resp: 202812
Ion Ratio Lower Upper
154 100
153 40.1 21.9 61.9
76 11.5 0.0 31.9





#47
2-Chloronaphthalene
Concen: 48.878 ng
RT: 13.934 min Scan# 11
Delta R.T. 0.008 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40

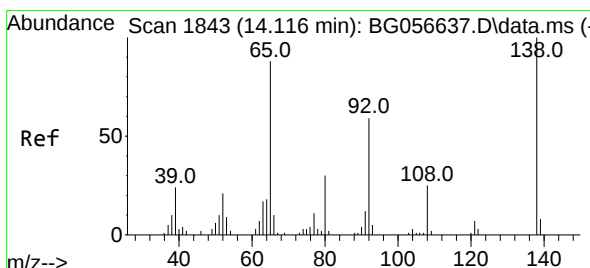
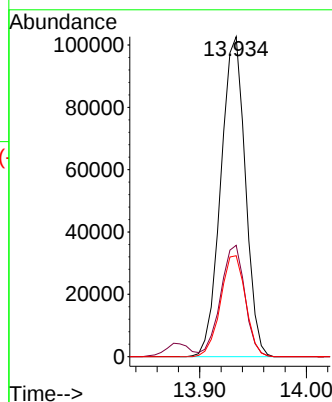
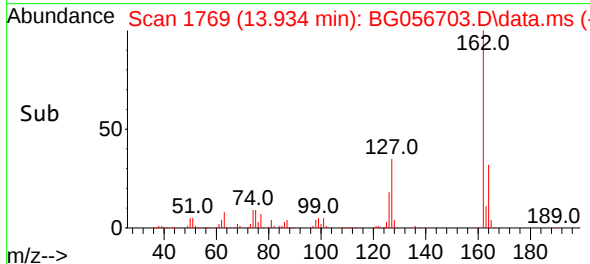
Instrument :
BNA_G
ClientSampleId :
TR-05-02212023MSD



Tgt Ion:162 Resp: 164042
Ion Ratio Lower Upper
162 100
127 34.8 27.5 41.3
164 31.5 26.5 39.7

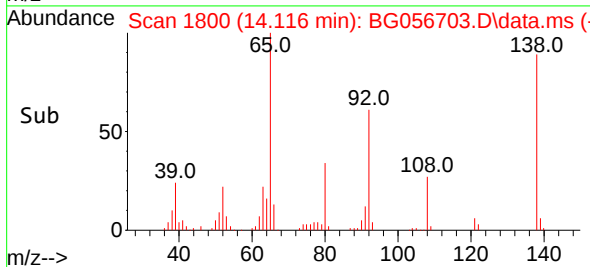
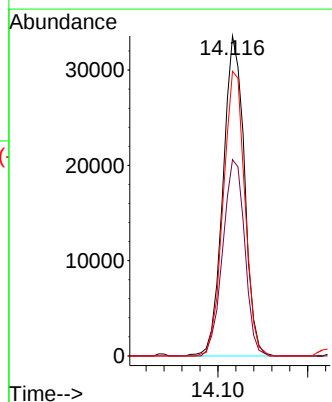
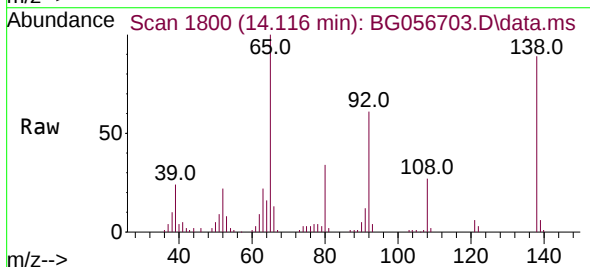
Manual Integrations
APPROVED

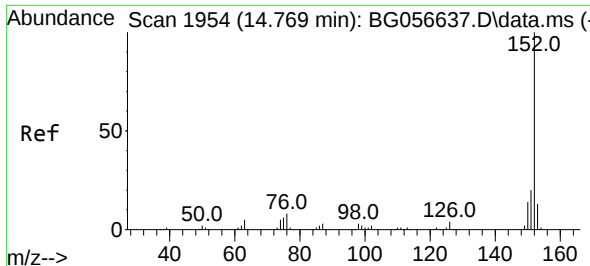
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#48
2-Nitroaniline
Concen: 55.820 ng
RT: 14.116 min Scan# 1800
Delta R.T. 0.002 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40

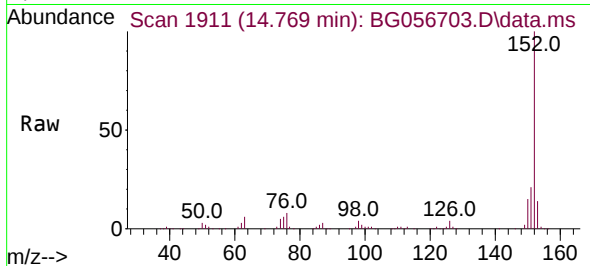
Tgt Ion: 65 Resp: 55512
Ion Ratio Lower Upper
65 100
92 61.3 53.8 80.6
138 89.0 90.6 135.8#





#49
Acenaphthylene
Concen: 44.685 ng
RT: 14.769 min Scan# 1954
Delta R.T. 0.002 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40

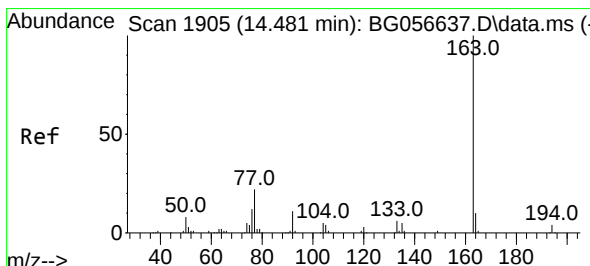
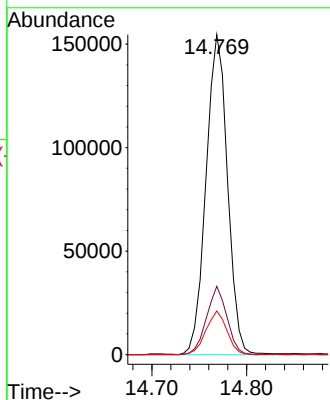
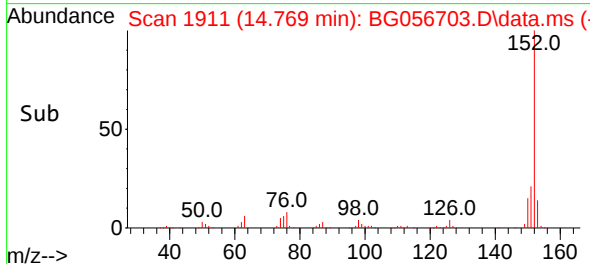
Instrument :
BNA_G
ClientSampleId :
TR-05-02212023MSD



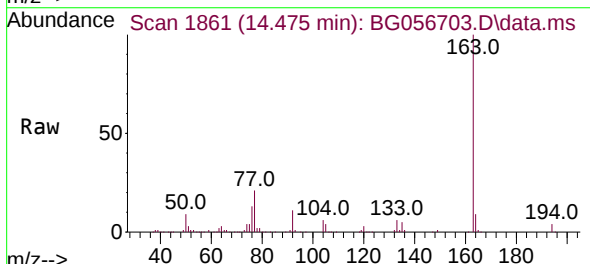
Tgt Ion:152 Resp: 243680
Ion Ratio Lower Upper
152 100
151 21.3 15.6 23.4
153 13.6 10.3 15.5

Manual Integrations
APPROVED

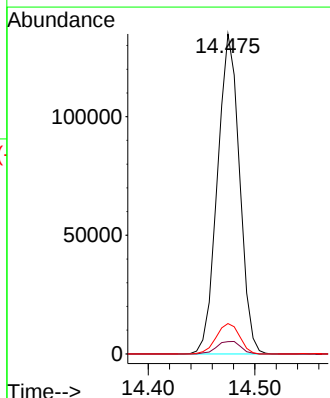
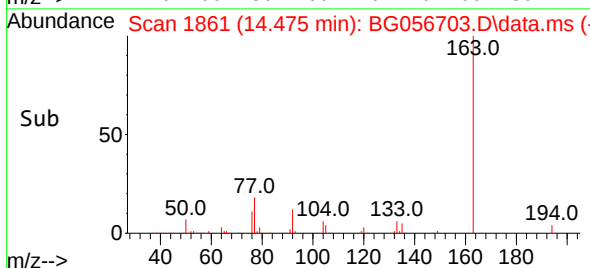
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

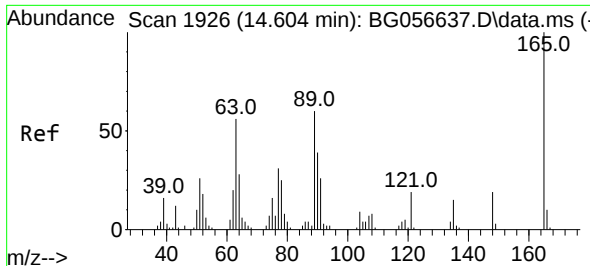


#50
Dimethylphthalate
Concen: 42.033 ng
RT: 14.475 min Scan# 1861
Delta R.T. 0.002 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40



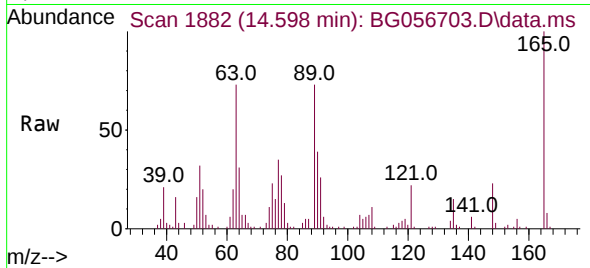
Tgt Ion:163 Resp: 194542
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 9.5 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 45.200 ng
RT: 14.598 min Scan# 1882
Delta R.T. 0.002 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40

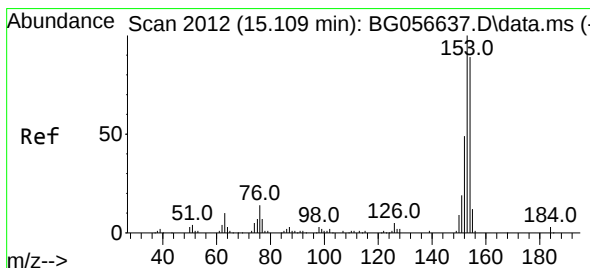
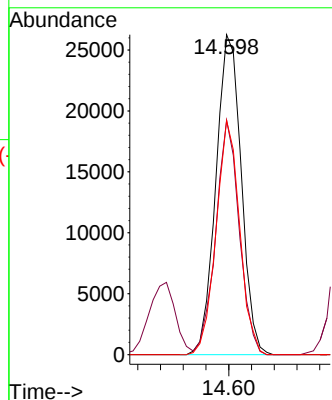
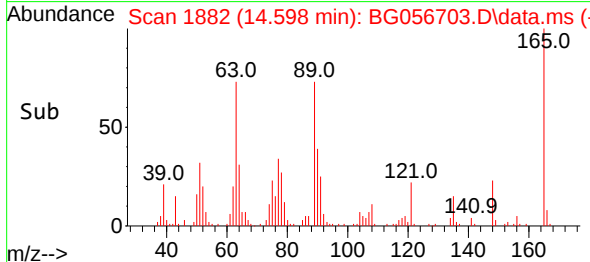
Instrument :
BNA_G
ClientSampleId :
TR-05-02212023MSD



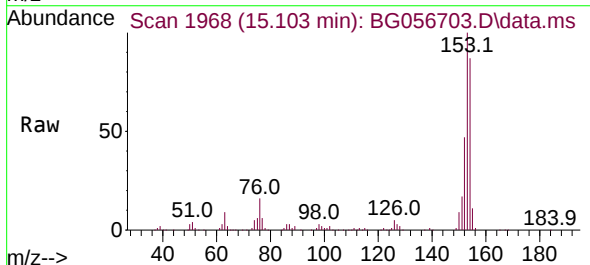
Tgt Ion:165 Resp: 40588
Ion Ratio Lower Upper
165 100
63 73.2 45.8 68.8
89 73.2 48.2 72.2

Manual Integrations
APPROVED

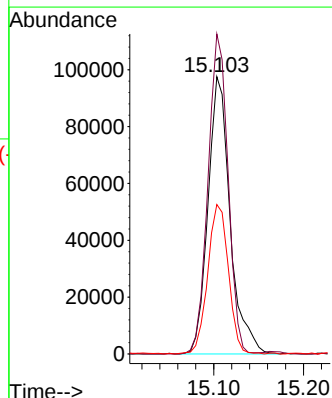
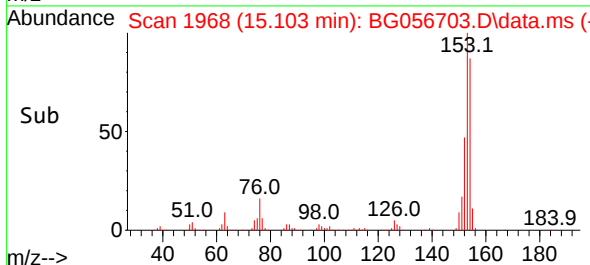
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

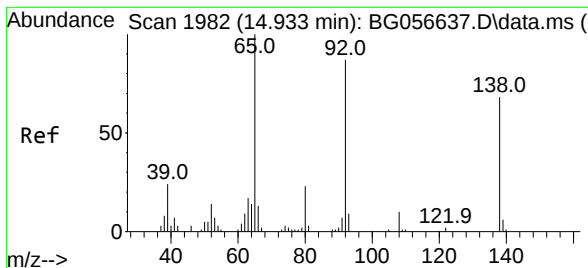


#52
Acenaphthene
Concen: 49.752 ng
RT: 15.103 min Scan# 1968
Delta R.T. 0.002 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40



Tgt Ion:154 Resp: 167352
Ion Ratio Lower Upper
154 100
153 115.4 89.5 134.3
152 53.9 43.7 65.5





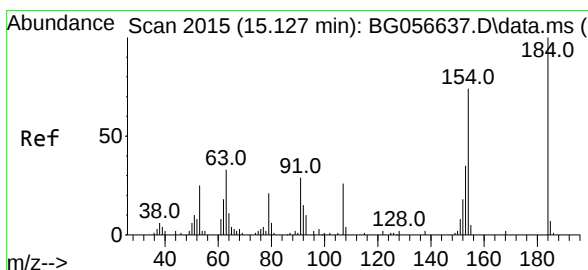
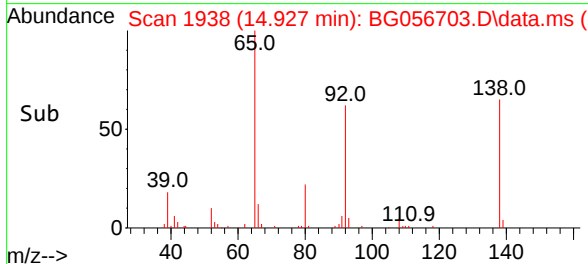
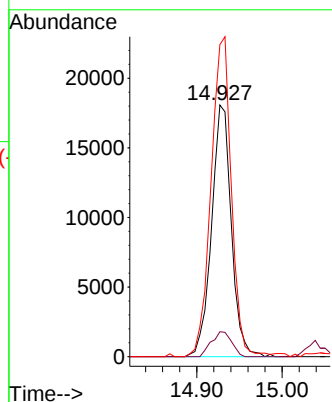
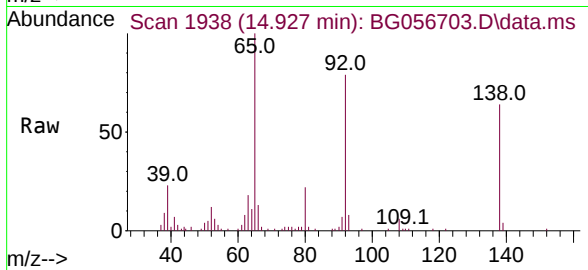
#53
3-Nitroaniline
Concen: 32.363 ng
RT: 14.927 min Scan# 1982
Delta R.T. 0.002 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40

Instrument :
BNA_G
ClientSampleId :
TR-05-02212023MSD

Tgt Ion:138 Resp: 29075
Ion Ratio Lower Upper
138 100
108 9.9 11.4 17.2#
92 124.0 103.1 154.7

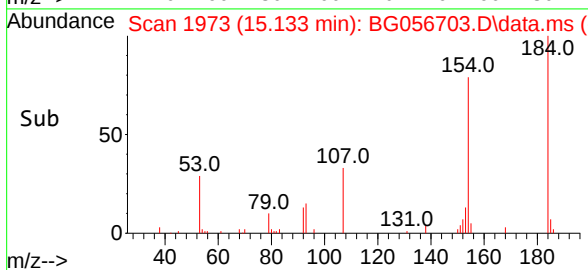
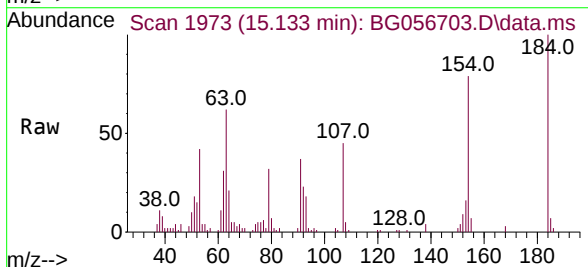
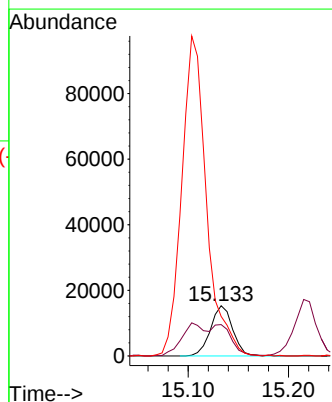
Manual Integrations
APPROVED

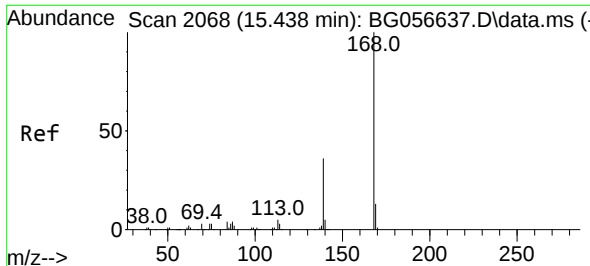
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#54
2,4-Dinitrophenol
Concen: 43.580 ng
RT: 15.133 min Scan# 1973
Delta R.T. 0.002 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40

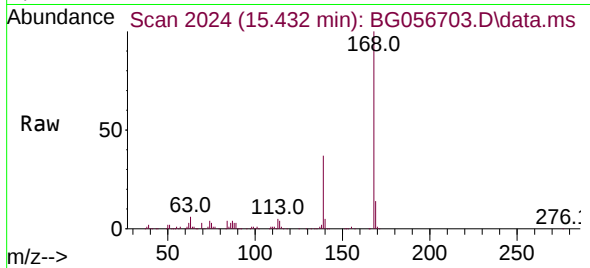
Tgt Ion:184 Resp: 23302
Ion Ratio Lower Upper
184 100
63 62.4 31.0 46.6#
154 78.6 99.8 149.8#





#55
Dibenzenofuran
Concen: 43.912 ng
RT: 15.432 min Scan# 2068
Delta R.T. 0.002 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40

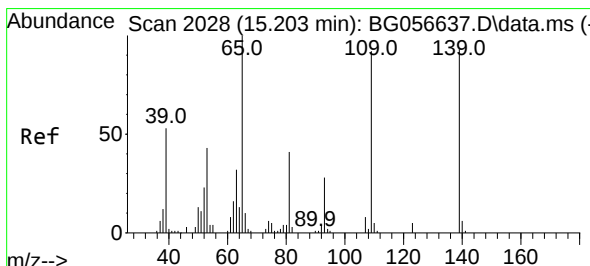
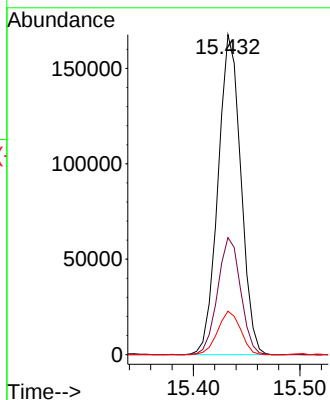
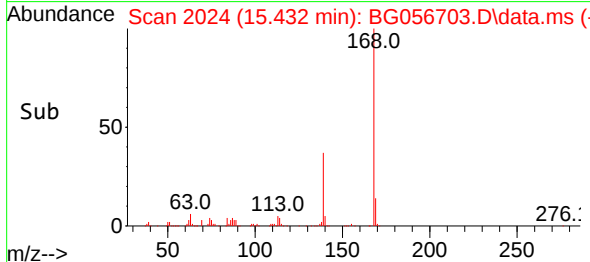
Instrument :
BNA_G
ClientSampleId :
TR-05-02212023MSD



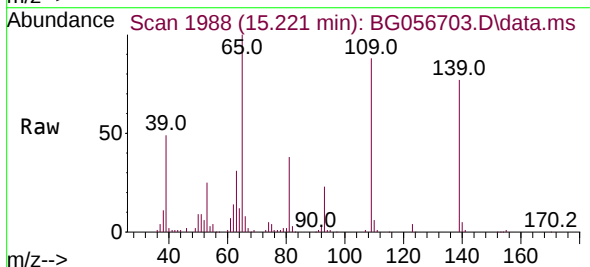
Tgt Ion:168 Resp: 249542
Ion Ratio Lower Upper
168 100
139 36.6 29.0 43.6
169 13.6 10.7 16.1

Manual Integrations
APPROVED

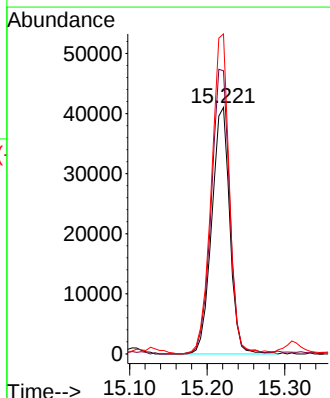
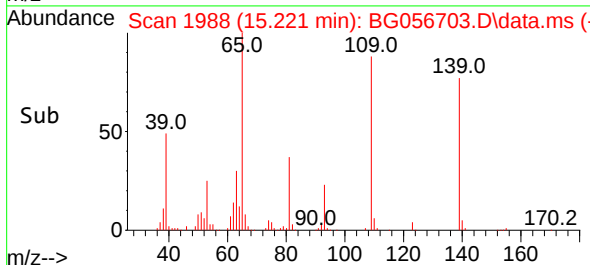
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

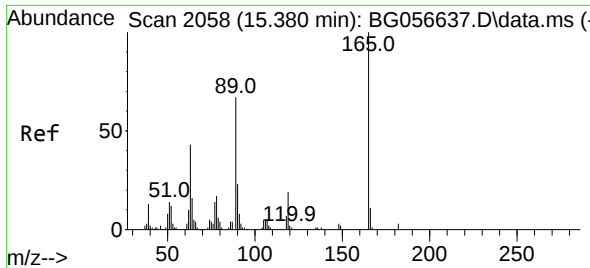


#56
4-Nitrophenol
Concen: 96.234 ng
RT: 15.221 min Scan# 1988
Delta R.T. 0.014 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40



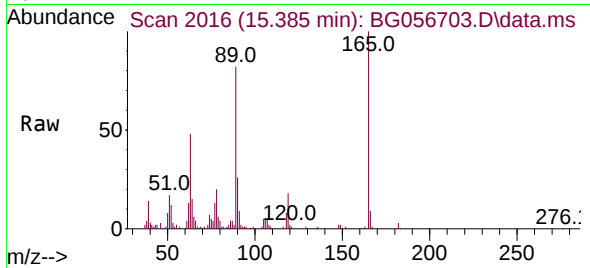
Tgt Ion:139 Resp: 66241
Ion Ratio Lower Upper
139 100
109 114.9 79.3 119.3
65 129.8 87.6 127.6#





#57
2,4-Dinitrotoluene
Concen: 47.847 ng
RT: 15.385 min Scan# 2058
Delta R.T. 0.008 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40

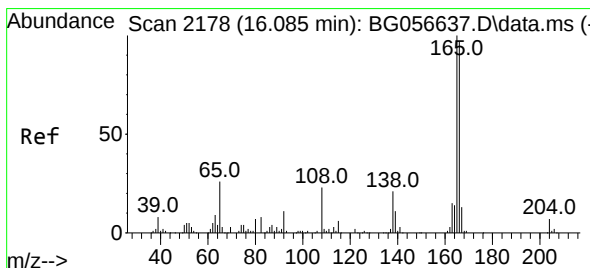
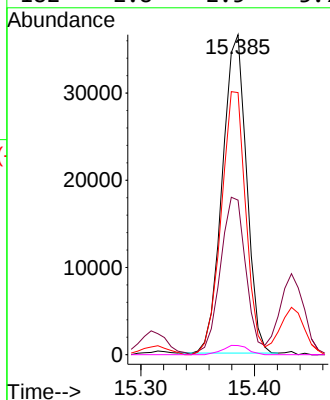
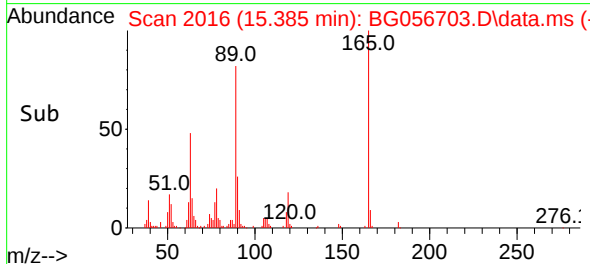
Instrument :
BNA_G
ClientSampleId :
TR-05-02212023MSD



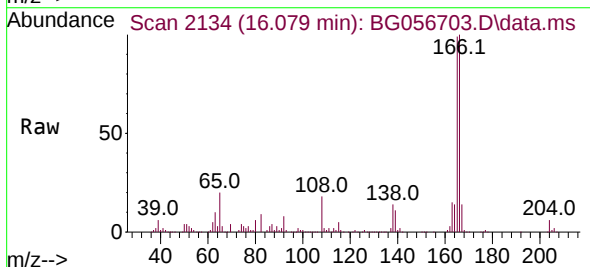
Tgt Ion:165 Resp: 54008
Ion Ratio Lower Upper
165 100
63 48.3 34.6 52.0
89 81.9 53.8 80.8
182 2.8 2.5 3.7

Manual Integrations
APPROVED

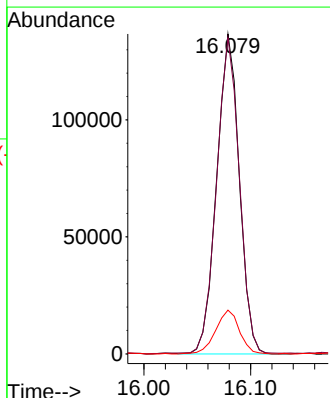
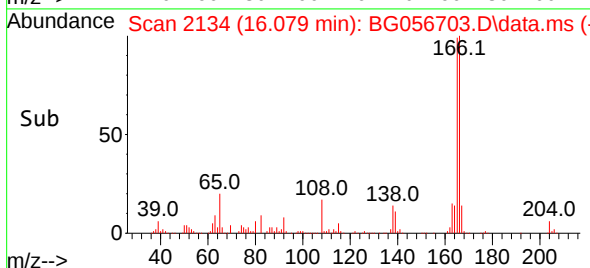
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

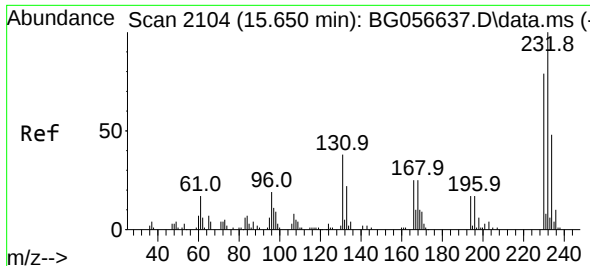


#58
Fluorene
Concen: 44.951 ng
RT: 16.079 min Scan# 2134
Delta R.T. 0.002 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40



Tgt Ion:166 Resp: 201974
Ion Ratio Lower Upper
166 100
165 98.8 82.9 124.3
167 13.7 11.1 16.7





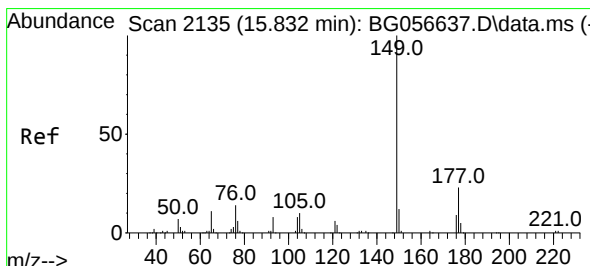
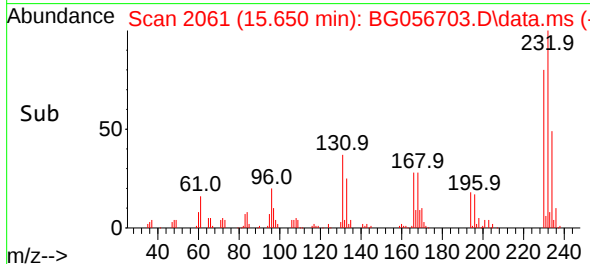
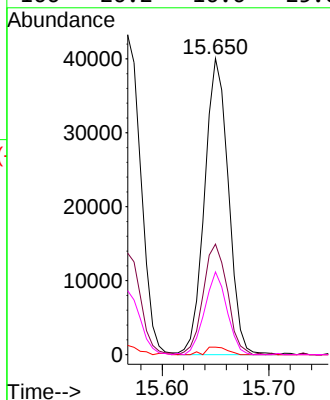
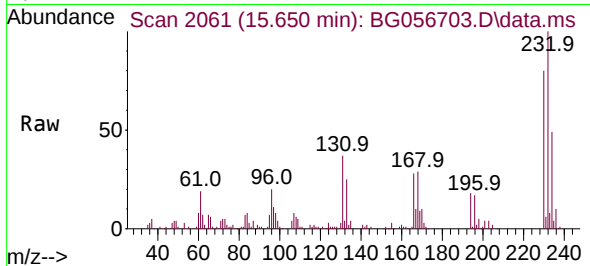
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.834 ng
RT: 15.650 min Scan# 2090
Delta R.T. 0.002 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40

Instrument :
BNA_G
ClientSampleId :
TR-05-02212023MSD

Tgt Ion:232 Resp: 6212
Ion Ratio Lower Upper
232 100
131 38.2 24.7 37.1
130 2.3 1.4 2.2
166 26.2 16.6 25.0

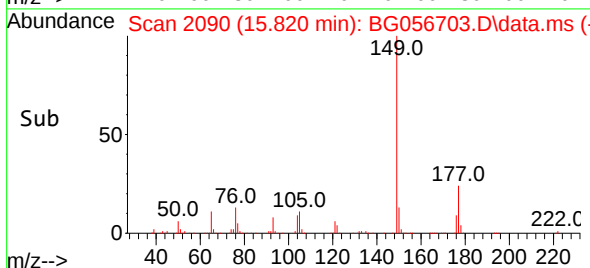
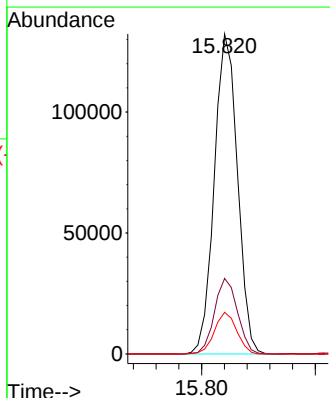
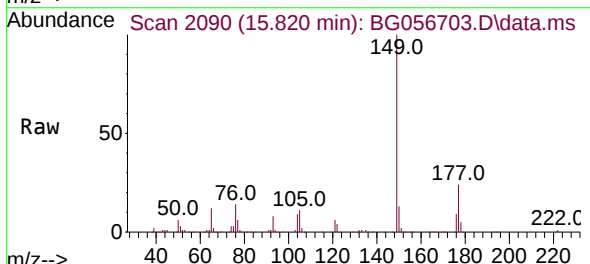
Manual Integrations
APPROVED

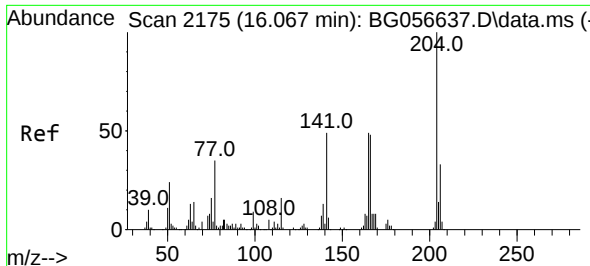
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#60
Diethylphthalate
Concen: 40.034 ng
RT: 15.820 min Scan# 2090
Delta R.T. -0.004 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40

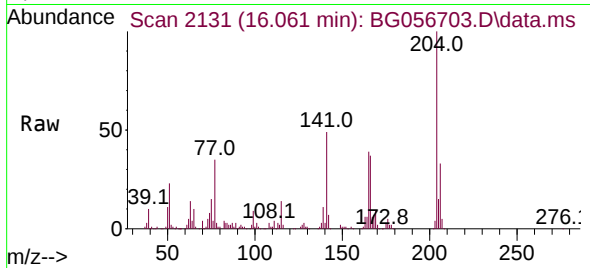
Tgt Ion:149 Resp: 186905
Ion Ratio Lower Upper
149 100
177 23.6 18.7 28.1
150 13.0 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 40.480 ng
RT: 16.061 min Scan# 2111
Delta R.T. 0.002 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40

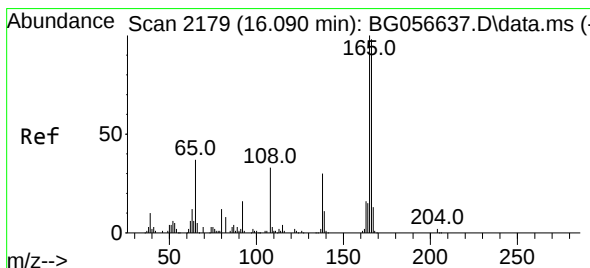
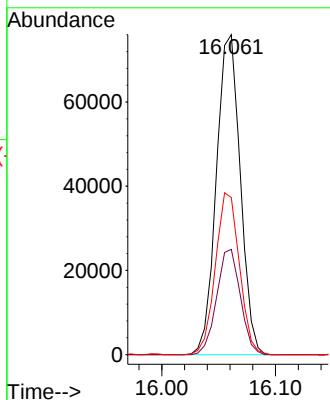
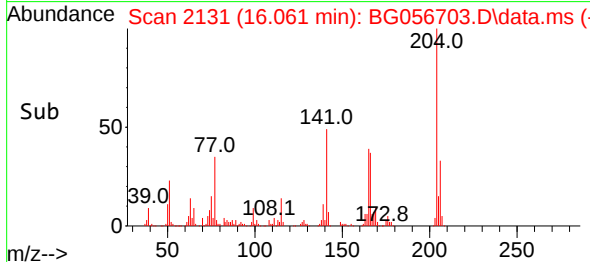
Instrument :
BNA_G
ClientSampleId :
TR-05-02212023MSD



Tgt Ion:204 Resp: 111119
Ion Ratio Lower Upper
204 100
206 32.9 26.6 39.8
141 49.1 38.9 58.3

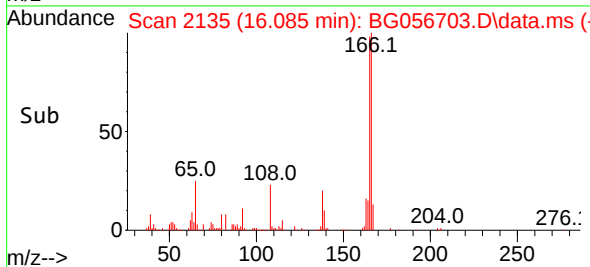
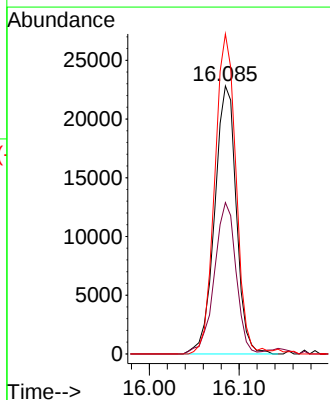
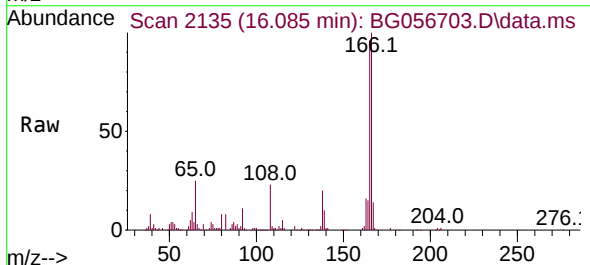
Manual Integrations
APPROVED

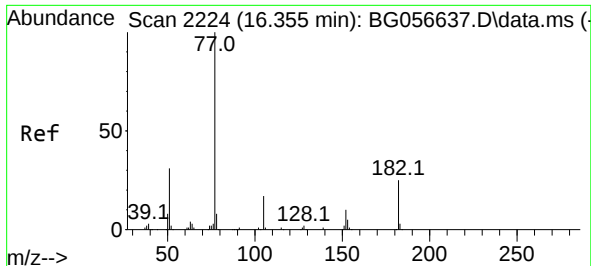
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#62
4-Nitroaniline
Concen: 40.757 ng
RT: 16.085 min Scan# 2135
Delta R.T. 0.002 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40

Tgt Ion:138 Resp: 38161
Ion Ratio Lower Upper
138 100
92 56.5 31.5 71.5
108 119.5 88.6 128.6





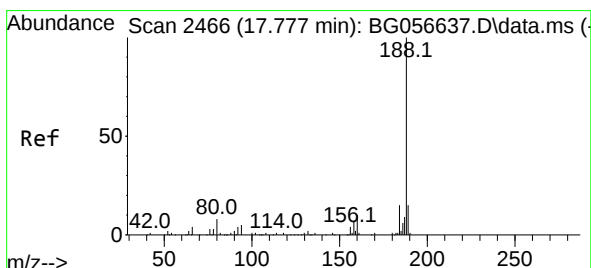
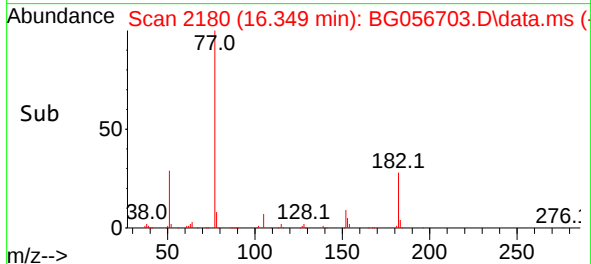
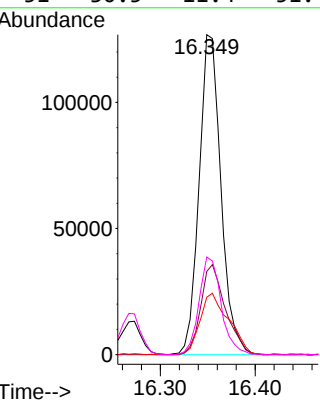
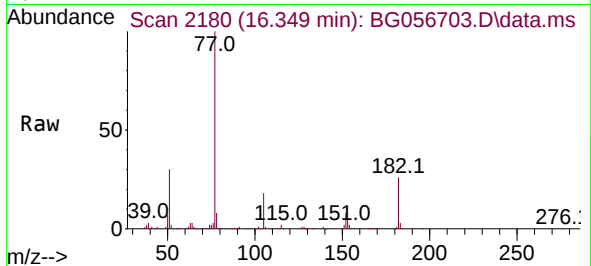
#63
Azobenzene
Concen: 43.530 ng
RT: 16.349 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40

Instrument :
BNA_G
ClientSampleId :
TR-05-02212023MSD

Tgt Ion: 77	Resp: 203394
Ion Ratio	Lower Upper
77 100	
182 26.0	5.2 45.2
105 17.9	0.0 37.3
51 30.5	11.4 51.4

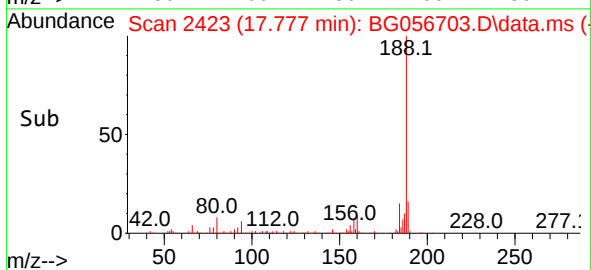
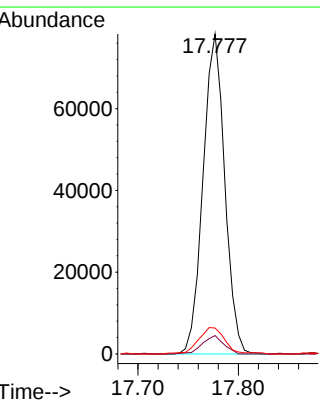
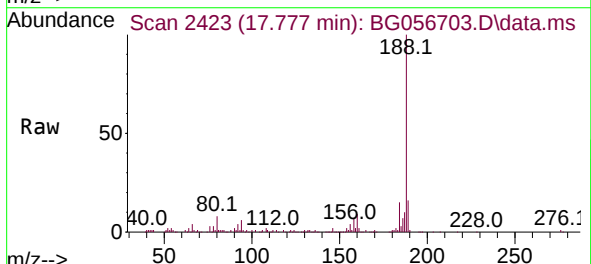
Manual Integrations
APPROVED

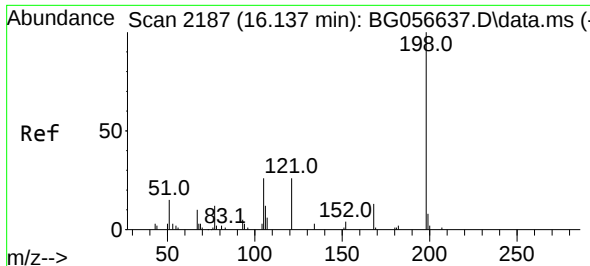
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.777 min Scan# 2423
Delta R.T. 0.002 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40

Tgt Ion:188	Resp: 117684
Ion Ratio	Lower Upper
188 100	
94 5.7	4.0 6.0
80 8.1	6.3 9.5





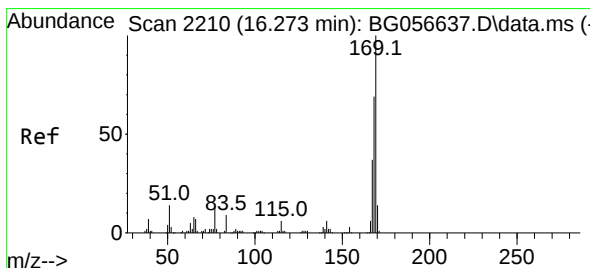
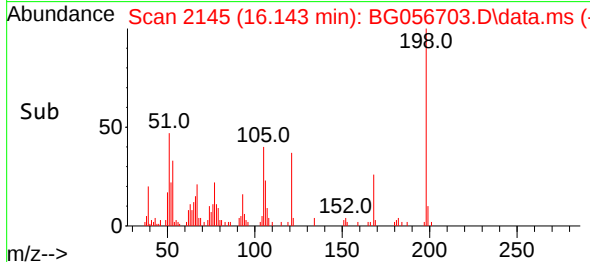
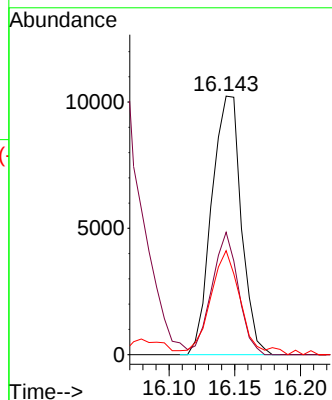
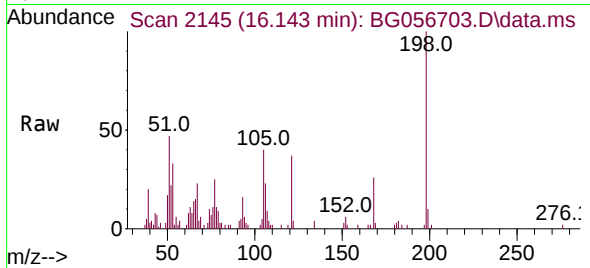
#65
4,6-Dinitro-2-methylphenol
Concen: 26.389 ng
RT: 16.143 min Scan# 2187
Delta R.T. 0.002 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40

Instrument :
BNA_G
ClientSampleId :
TR-05-02212023MSD

Tgt Ion:198 Resp: 16031
Ion Ratio Lower Upper
198 100
51 47.3 7.4 47.4
105 40.2 8.2 48.2

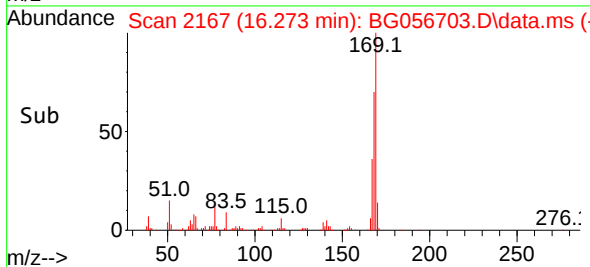
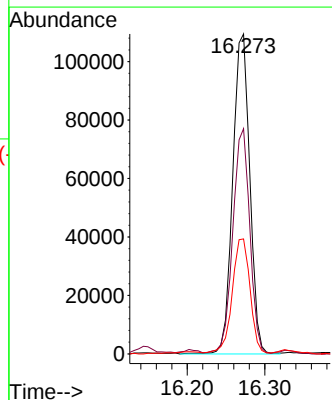
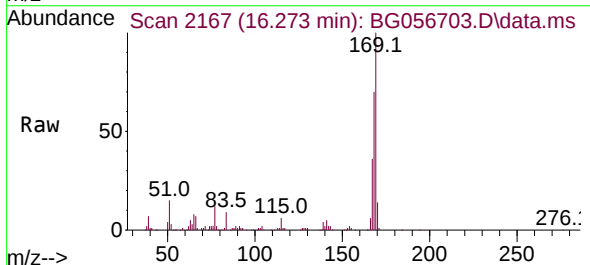
Manual Integrations
APPROVED

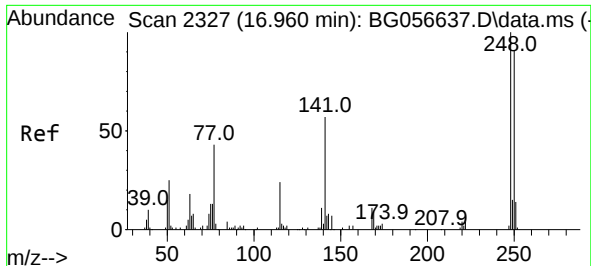
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#66
n-Nitrosodiphenylamine
Concen: 48.800 ng
RT: 16.273 min Scan# 2167
Delta R.T. 0.002 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40

Tgt Ion:169 Resp: 167072
Ion Ratio Lower Upper
169 100
168 70.4 55.5 83.3
167 35.9 29.5 44.3





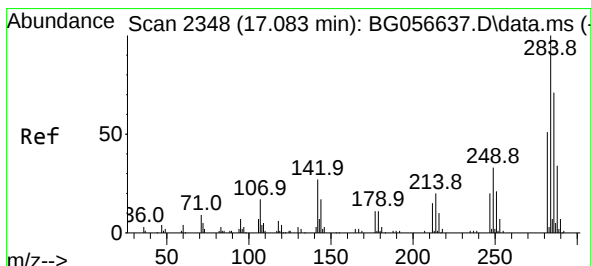
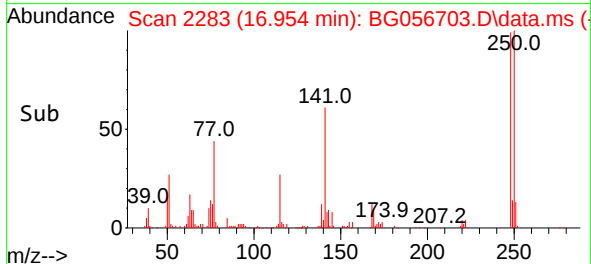
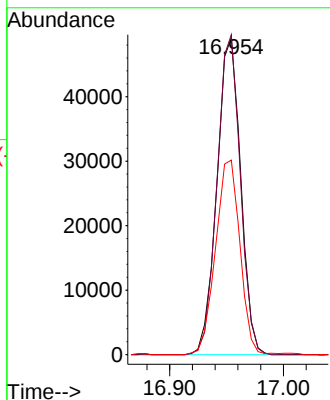
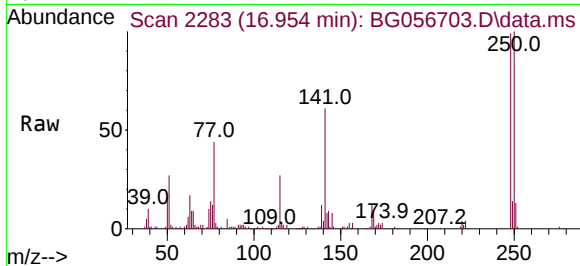
#67
4-Bromophenyl-phenylether
Concen: 47.074 ng
RT: 16.954 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40

Instrument :
BNA_G
ClientSampleId :
TR-05-02212023MSD

Tgt Ion:248 Resp: 71126
Ion Ratio Lower Upper
248 100
250 101.0 73.0 109.6
141 61.4 45.6 68.4

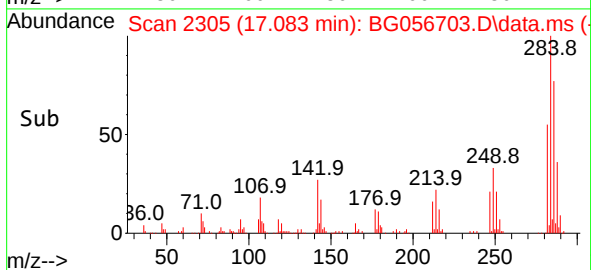
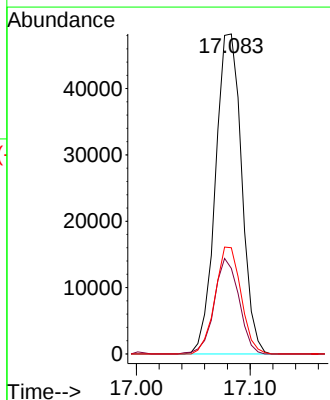
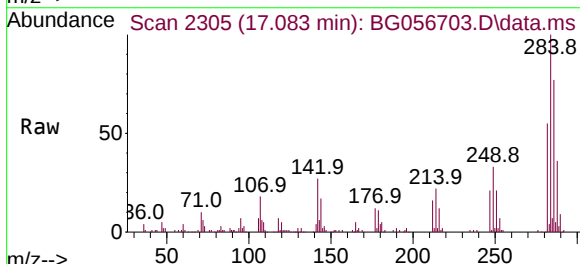
Manual Integrations
APPROVED

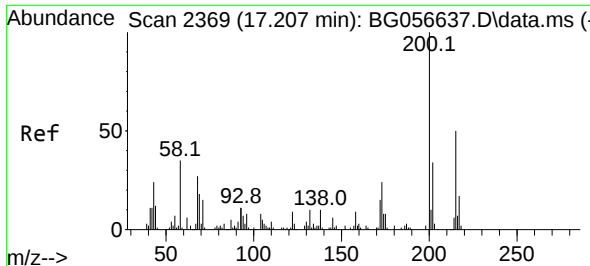
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#68
Hexachlorobenzene
Concen: 50.022 ng
RT: 17.083 min Scan# 2305
Delta R.T. 0.008 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40

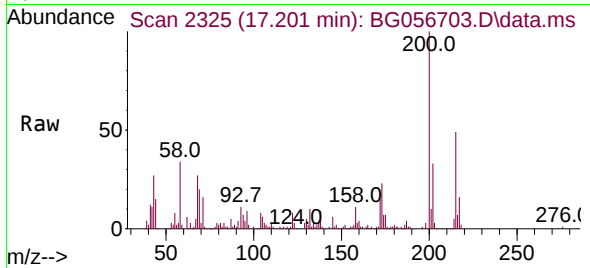
Tgt Ion:284 Resp: 77003
Ion Ratio Lower Upper
284 100
142 26.7 21.4 32.2
249 33.2 26.1 39.1





#69
 Atrazine
 Concen: 50.535 ng
 RT: 17.201 min Scan# 2362
 Delta R.T. 0.002 min
 Lab File: BG056703.D
 Acq: 22 Feb 2023 18:40

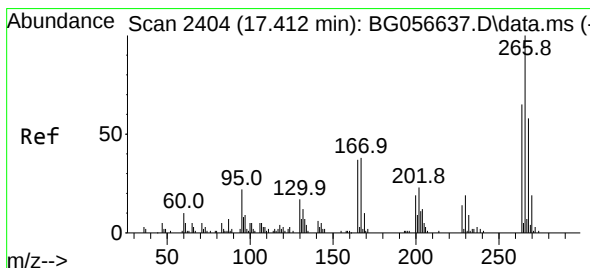
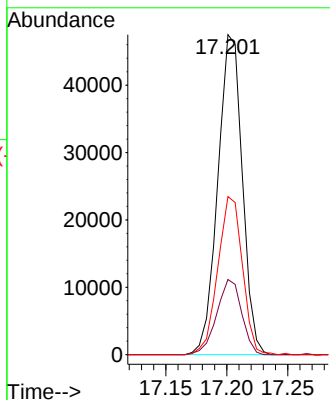
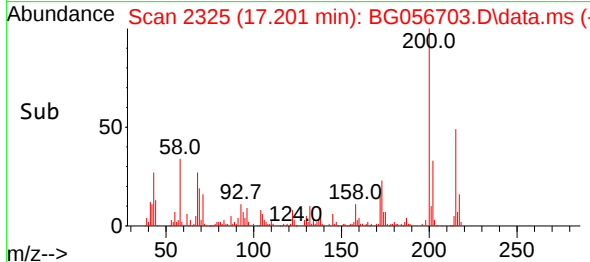
Instrument :
 BNA_G
 ClientSampleId :
 TR-05-02212023MSD



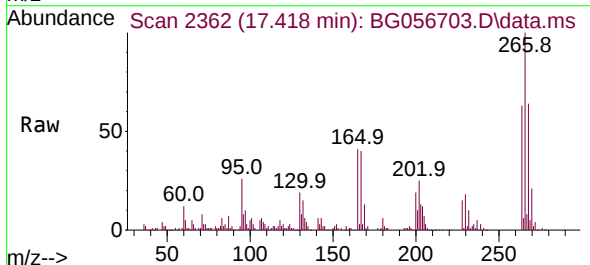
Tgt Ion:200 Resp: 66435
 Ion Ratio Lower Upper
 200 100
 173 23.5 4.4 44.4
 215 49.4 29.6 69.6

Manual Integrations
 APPROVED

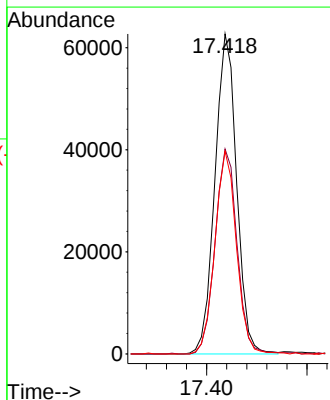
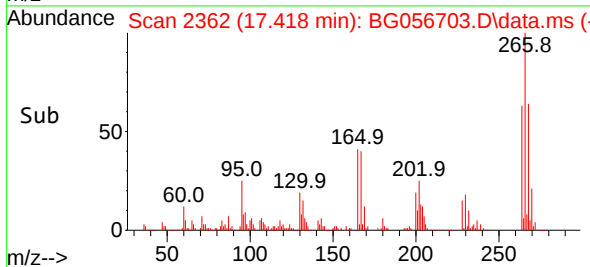
Reviewed By :Christian Giraldo 02/23/2023
 Supervised By :Jagrut Upadhyay 02/23/2023

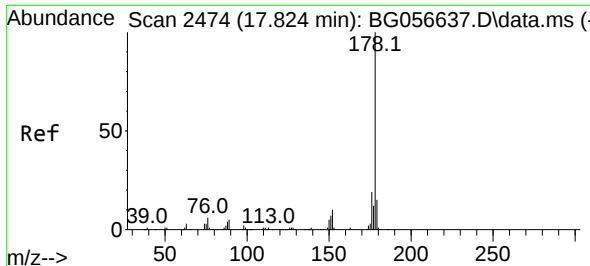


#70
 Pentachlorophenol
 Concen: 92.398 ng
 RT: 17.418 min Scan# 2362
 Delta R.T. 0.008 min
 Lab File: BG056703.D
 Acq: 22 Feb 2023 18:40



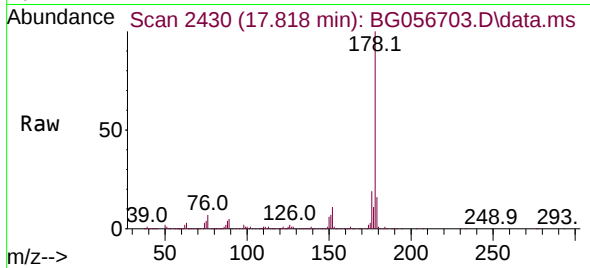
Tgt Ion:266 Resp: 94196
 Ion Ratio Lower Upper
 266 100
 268 64.0 46.7 70.1
 264 63.3 51.8 77.6





#71
Phenanthrene
Concen: 87.481 ng
RT: 17.818 min Scan# 2446
Delta R.T. 0.002 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40

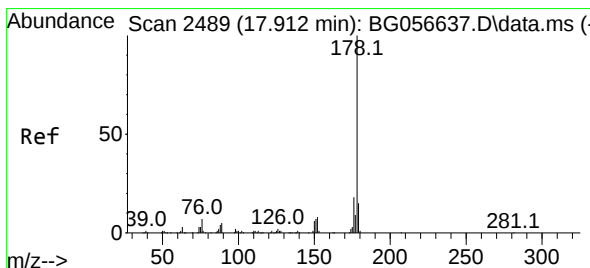
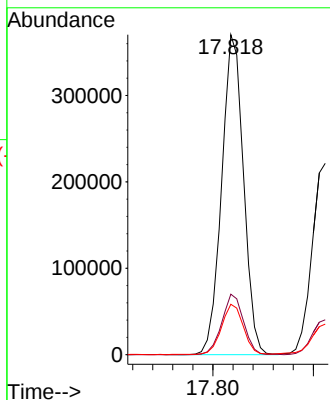
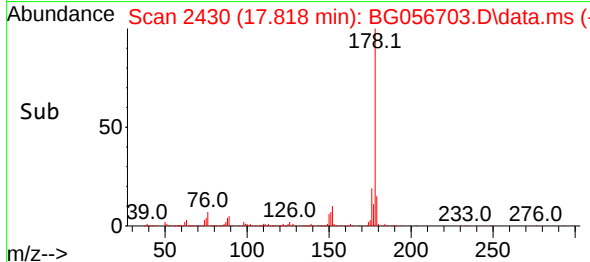
Instrument :
BNA_G
ClientSampleId :
TR-05-02212023MSD



Tgt Ion:178 Resp: 560105
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 15.7 12.2 18.4

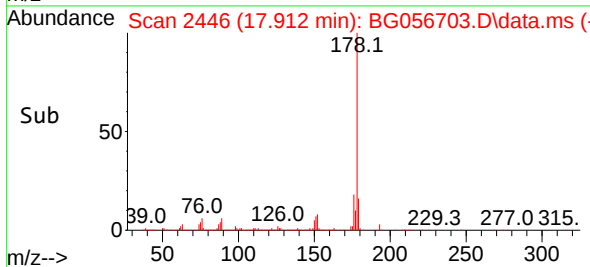
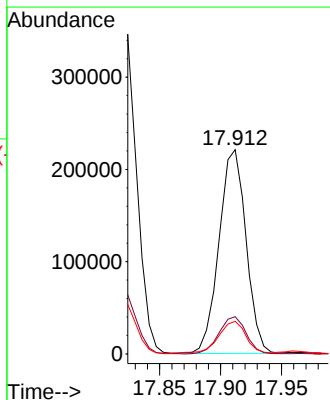
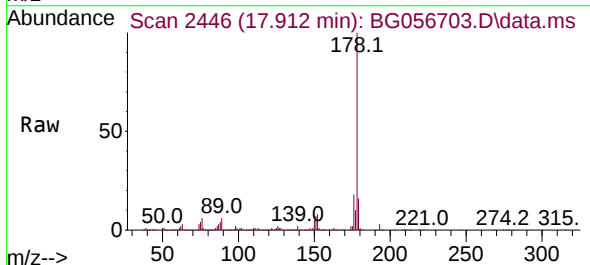
Manual Integrations
APPROVED

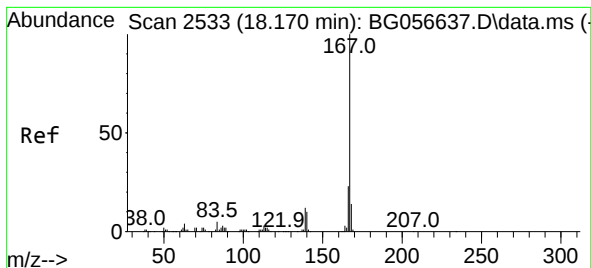
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#72
Anthracene
Concen: 51.946 ng
RT: 17.912 min Scan# 2446
Delta R.T. 0.008 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40

Tgt Ion:178 Resp: 340318
Ion Ratio Lower Upper
178 100
176 18.2 14.3 21.5
179 16.0 12.2 18.4





#73

Carbazole

Concen: 48.046 ng

RT: 18.170 min Scan# 24

Delta R.T. 0.002 min

Lab File: BG056703.D

Acq: 22 Feb 2023 18:40

Instrument :

BNA_G

ClientSampleId :

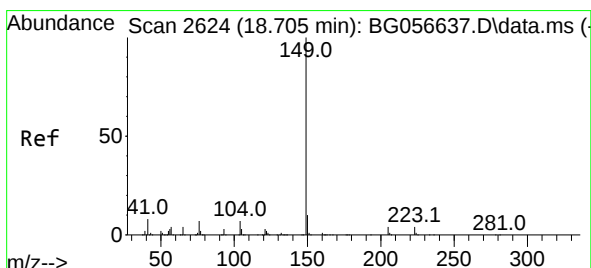
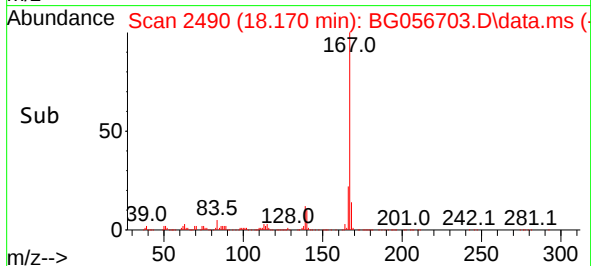
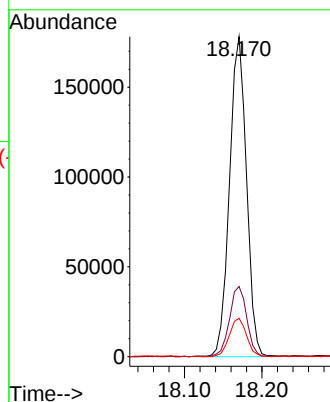
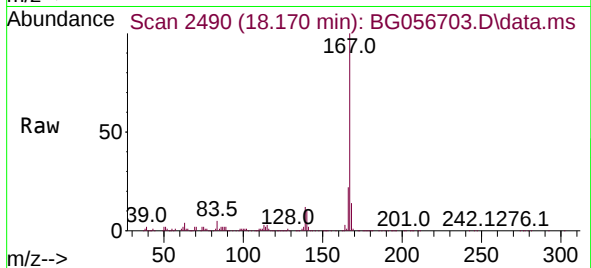
TR-05-02212023MSD

Tgt Ion:167 Resp: 271344
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.1 27.1
 139 12.0 9.4 14.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/23/2023
 Supervised By :Jagrut Upadhyay 02/23/2023



#74

Di-n-butylphthalate

Concen: 42.922 ng

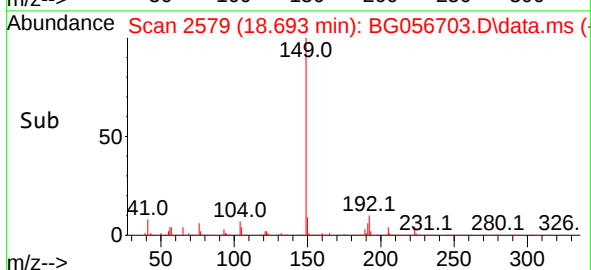
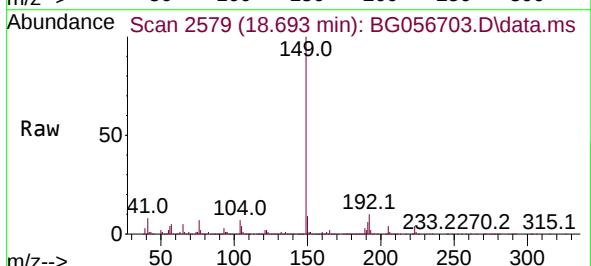
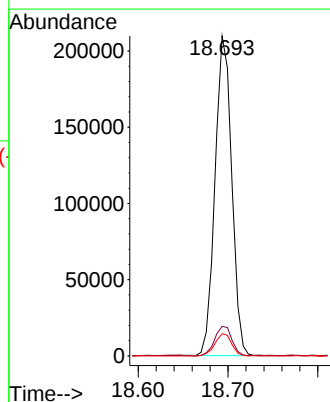
RT: 18.693 min Scan# 2579

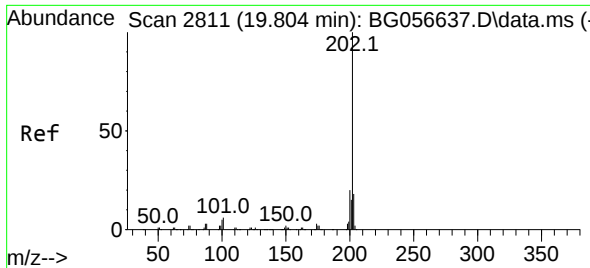
Delta R.T. 0.002 min

Lab File: BG056703.D

Acq: 22 Feb 2023 18:40

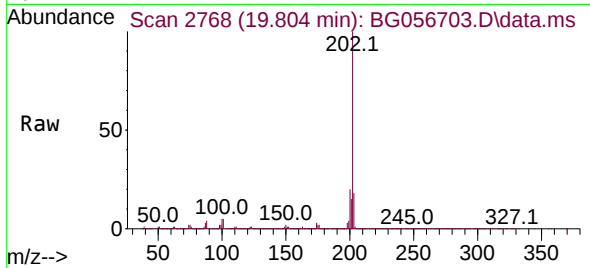
Tgt Ion:149 Resp: 271271
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.7 11.5
 104 6.9 5.4 8.0





#75
Fluoranthene
Concen: 108.637 ng
RT: 19.804 min Scan# 21
Delta R.T. 0.008 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40

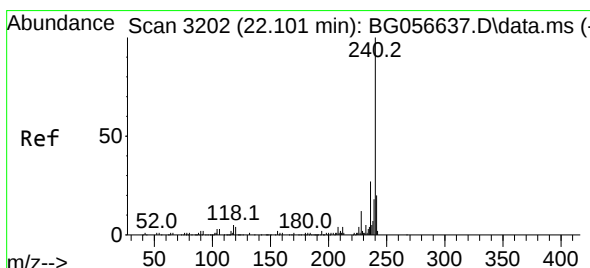
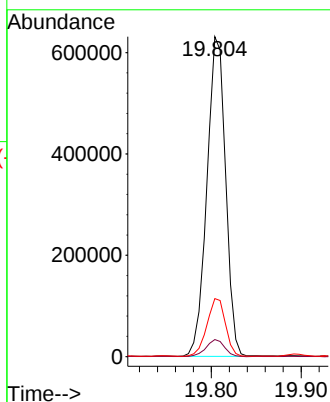
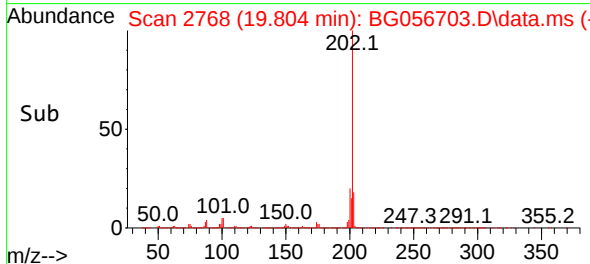
Instrument :
BNA_G
ClientSampleId :
TR-05-02212023MSD



Tgt Ion:202 Resp: 917775
Ion Ratio Lower Upper
202 100
101 5.3 0.0 25.8
203 18.1 0.0 37.6

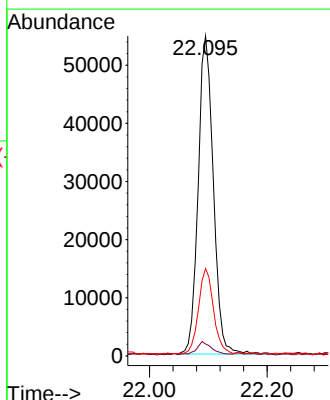
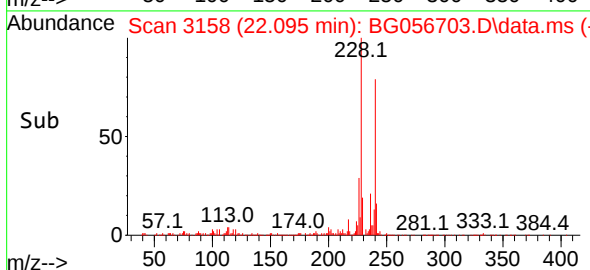
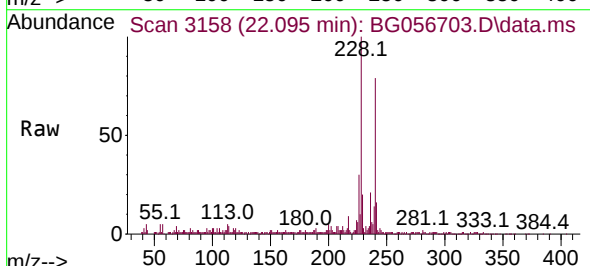
Manual Integrations
APPROVED

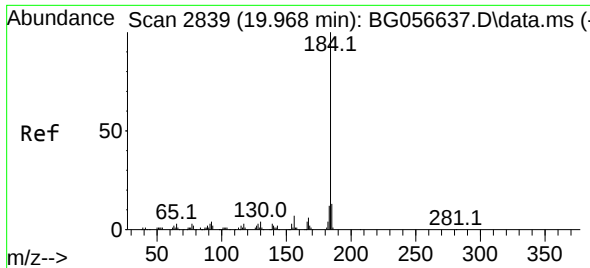
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.095 min Scan# 3158
Delta R.T. 0.008 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40

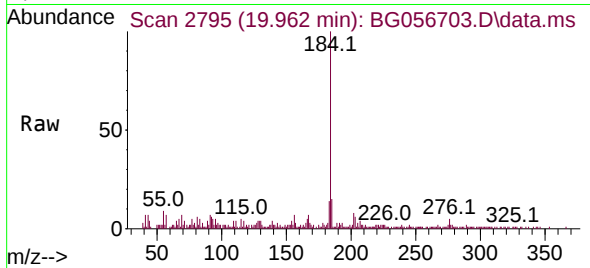
Tgt Ion:240 Resp: 97723
Ion Ratio Lower Upper
240 100
120 3.7 3.5 5.3
236 27.3 21.5 32.3





#77
Benzidine
Concen: 17.898 ng
RT: 19.962 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40

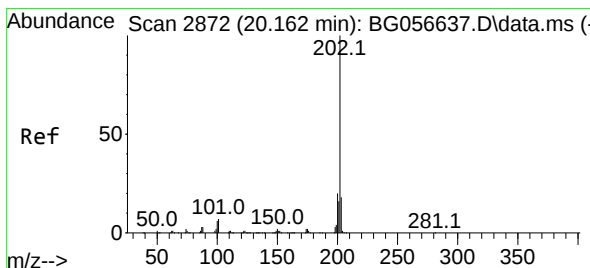
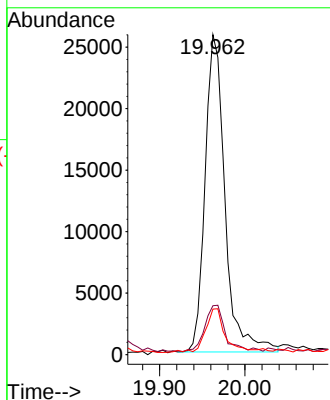
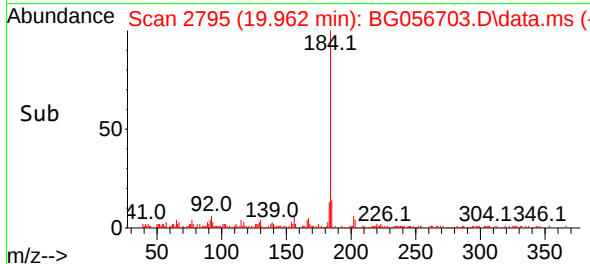
Instrument :
BNA_G
ClientSampleId :
TR-05-02212023MSD



Tgt Ion:184 Resp: 41832
Ion Ratio Lower Upper
184 100
185 15.3 10.6 15.8
183 14.2 9.4 14.0

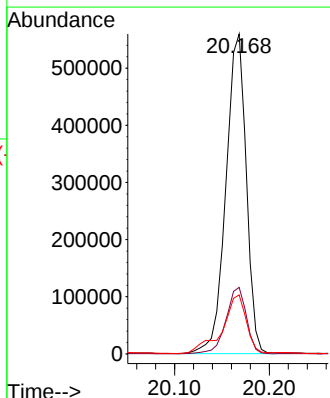
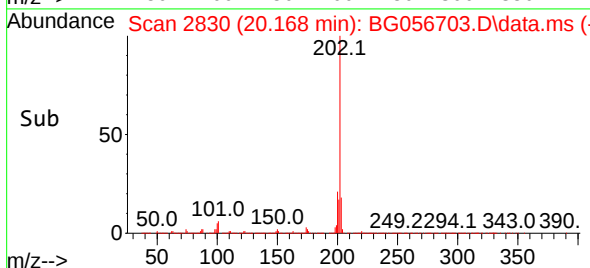
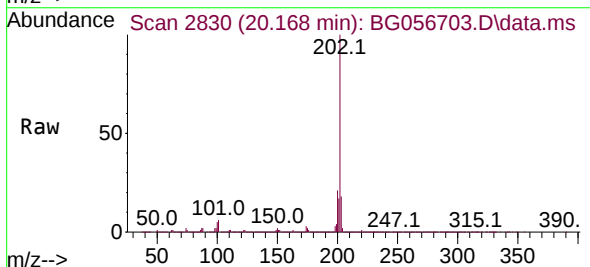
Manual Integrations
APPROVED

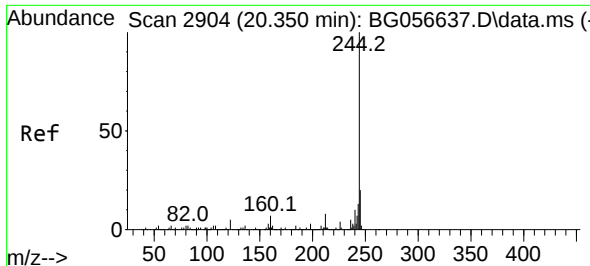
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#78
Pyrene
Concen: 113.109 ng
RT: 20.168 min Scan# 2830
Delta R.T. 0.008 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40

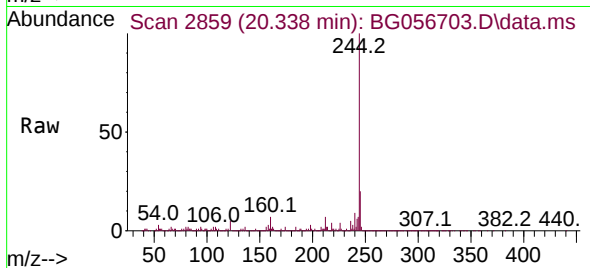
Tgt Ion:202 Resp: 834773
Ion Ratio Lower Upper
202 100
200 20.8 15.8 23.8
203 18.4 14.2 21.4





#79
 Terphenyl-d14
 Concen: 70.939 ng
 RT: 20.338 min Scan# 2859
 Delta R.T. 0.002 min
 Lab File: BG056703.D
 Acq: 22 Feb 2023 18:40

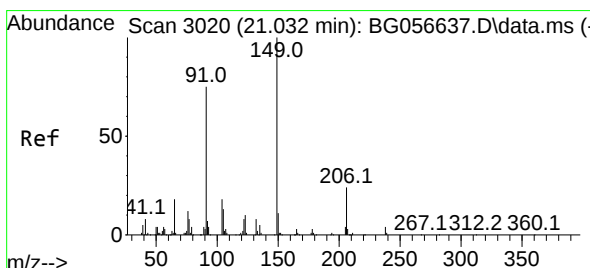
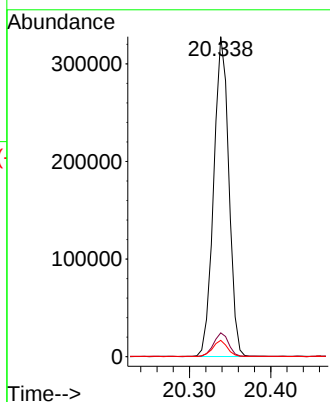
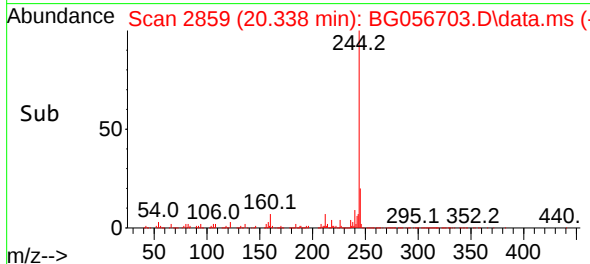
Instrument :
 BNA_G
 ClientSampleId :
 TR-05-02212023MSD



Tgt Ion:244 Resp: 423707
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 5.1 3.8 5.8

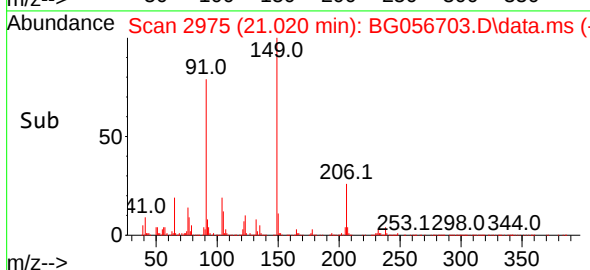
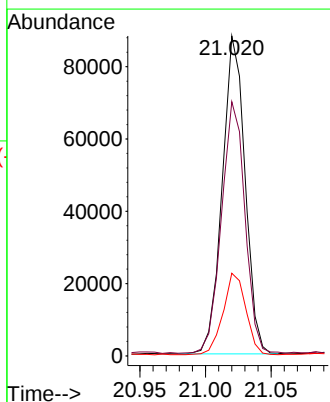
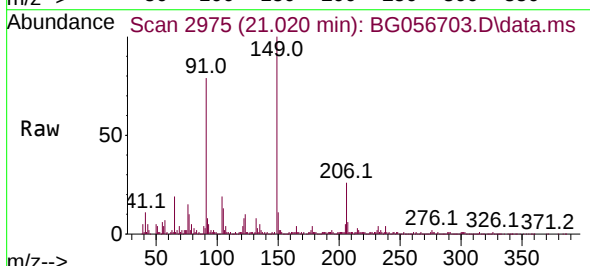
Manual Integrations
 APPROVED

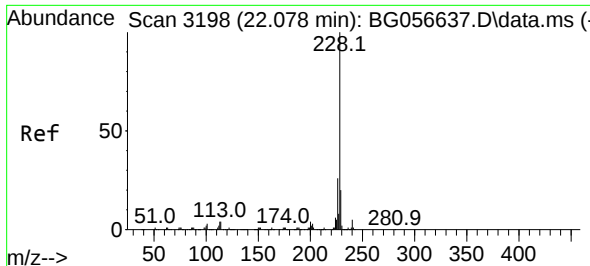
Reviewed By :Christian Giraldo 02/23/2023
 Supervised By :Jagrut Upadhyay 02/23/2023



#80
 Butylbenzylphthalate
 Concen: 47.980 ng
 RT: 21.020 min Scan# 2975
 Delta R.T. 0.002 min
 Lab File: BG056703.D
 Acq: 22 Feb 2023 18:40

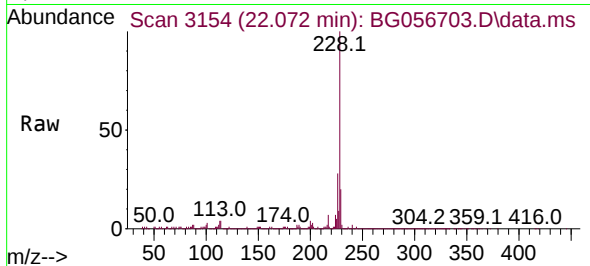
Tgt Ion:149 Resp: 106333
 Ion Ratio Lower Upper
 149 100
 91 79.4 60.3 90.5
 206 25.8 19.0 28.6





#81
Benzo(a)anthracene
Concen: 81.011 ng
RT: 22.072 min Scan# 3198
Delta R.T. 0.008 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40

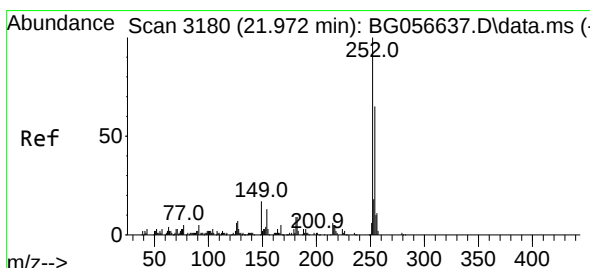
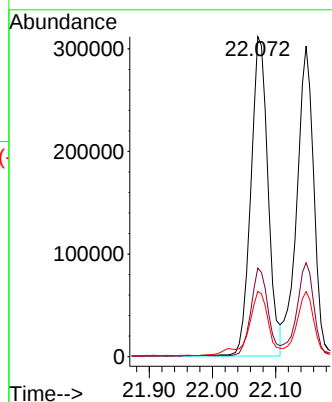
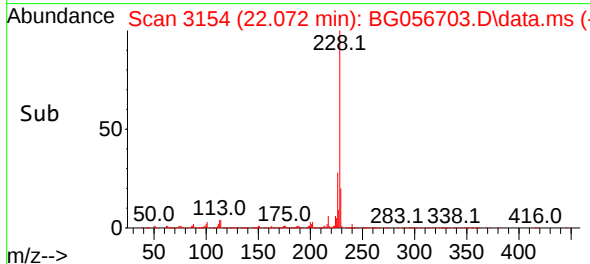
Instrument :
BNA_G
ClientSampleId :
TR-05-02212023MSD



Tgt Ion:228 Resp: 588740
Ion Ratio Lower Upper
228 100
226 27.7 20.4 30.6
229 20.4 16.0 24.0

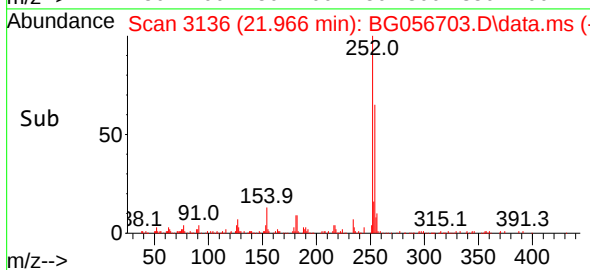
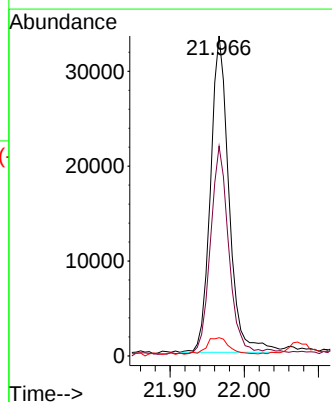
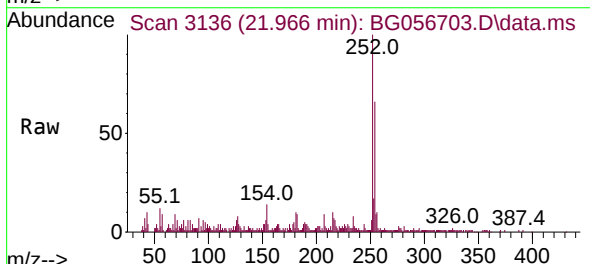
Manual Integrations
APPROVED

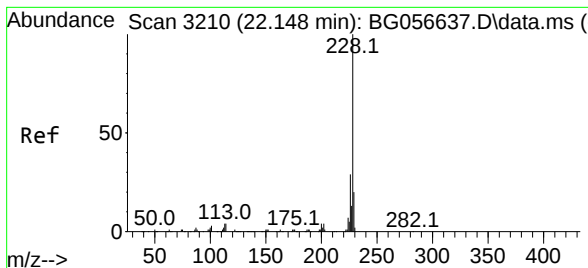
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#82
3,3'-Dichlorobenzidine
Concen: 24.503 ng
RT: 21.966 min Scan# 3136
Delta R.T. 0.002 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40

Tgt Ion:252 Resp: 57774
Ion Ratio Lower Upper
252 100
254 65.5 52.2 78.2
126 5.7 4.9 7.3





#83

Chrysene

Concen: 83.328 ng

RT: 22.148 min Scan# 3167

Delta R.T. 0.008 min

Lab File: BG056703.D

Acq: 22 Feb 2023 18:40

Instrument :

BNA_G

ClientSampleId :

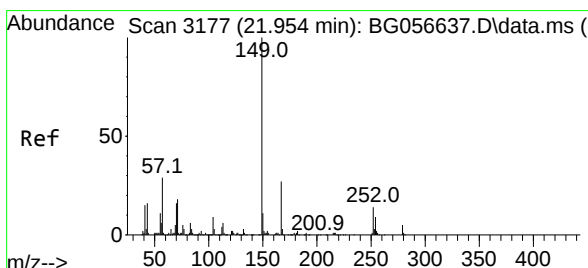
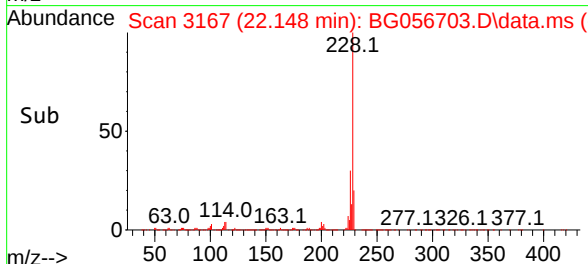
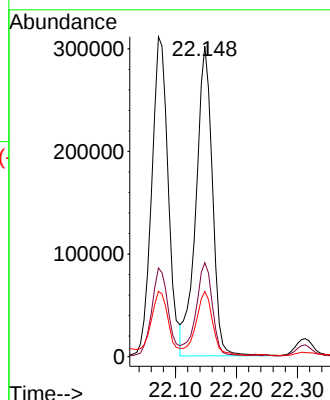
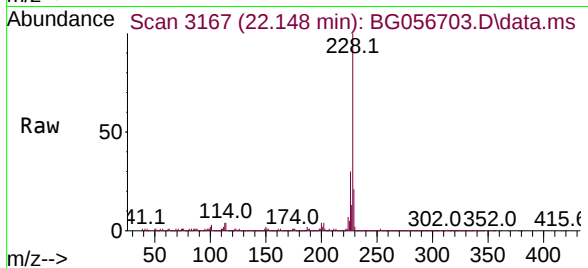
TR-05-02212023MSD

Tgt Ion:	228	Resp:	566123
Ion Ratio	Lower	Upper	
228	100		
226	30.2	23.0	34.6
229	20.9	15.8	23.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.864 ng

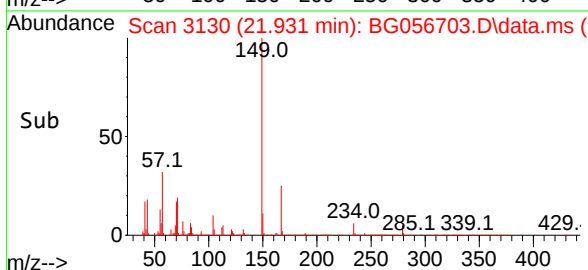
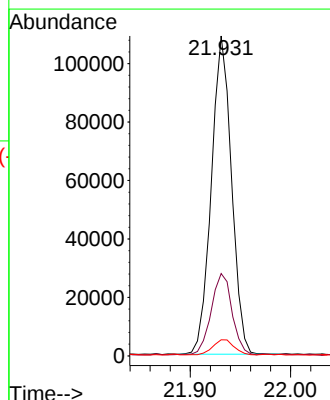
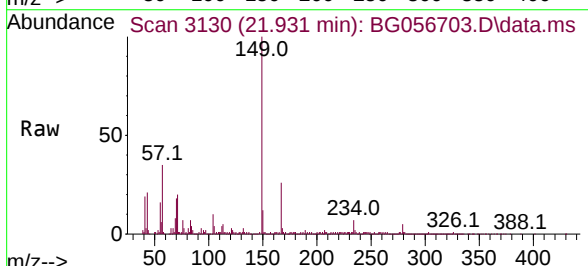
RT: 21.931 min Scan# 3130

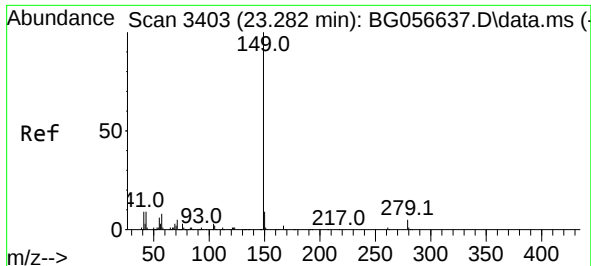
Delta R.T. 0.002 min

Lab File: BG056703.D

Acq: 22 Feb 2023 18:40

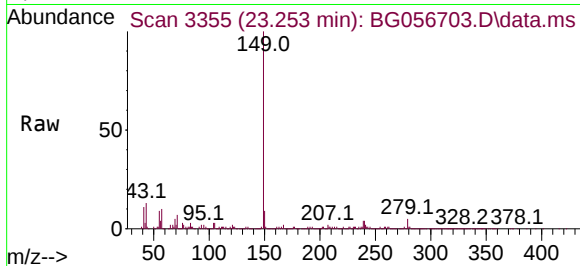
Tgt Ion:	149	Resp:	152312
Ion Ratio	Lower	Upper	
149	100		
167	25.8	21.4	32.0
279	5.0	4.1	6.1





#85
Di-n-octyl phthalate
Concen: 47.545 ng
RT: 23.253 min Scan# 331
Delta R.T. 0.002 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40

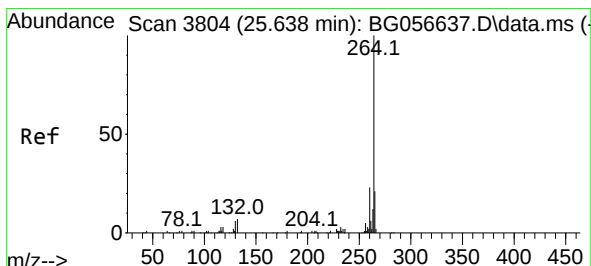
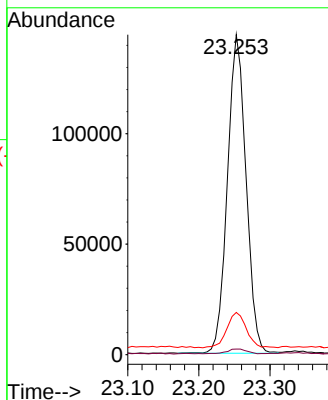
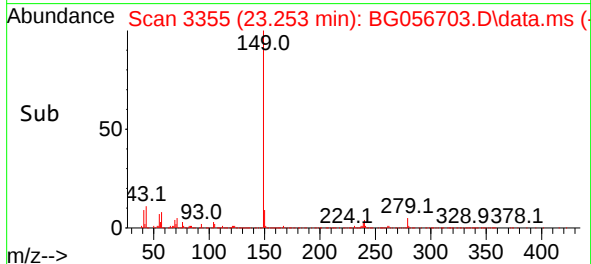
Instrument :
BNA_G
ClientSampleId :
TR-05-02212023MSD



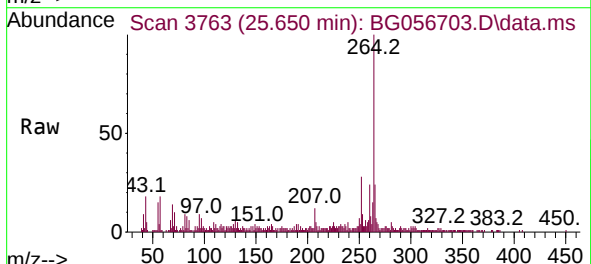
Tgt Ion:149 Resp: 262435
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 11.6 7.8 11.6

Manual Integrations
APPROVED

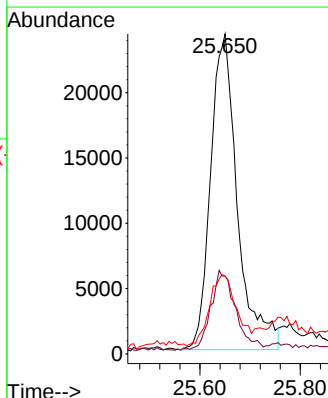
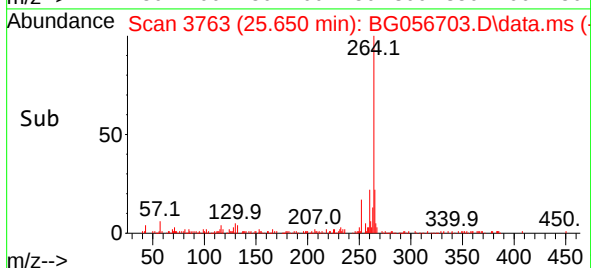
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

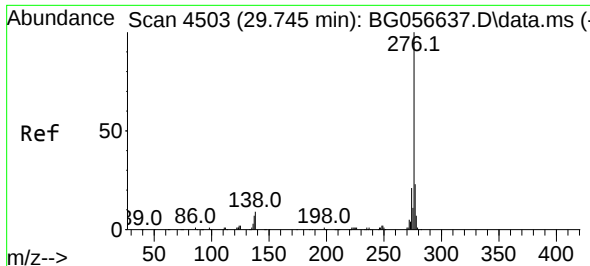


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.650 min Scan# 3763
Delta R.T. 0.026 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40



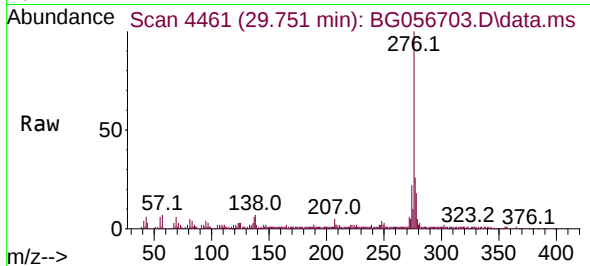
Tgt Ion:264 Resp: 90008
Ion Ratio Lower Upper
264 100
260 24.3 18.6 27.8
265 24.3 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 48.542 ng
RT: 29.751 min Scan# 4461
Delta R.T. 0.026 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40

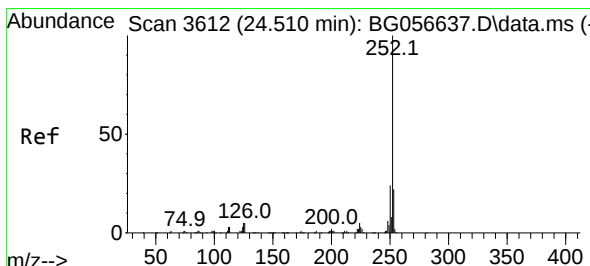
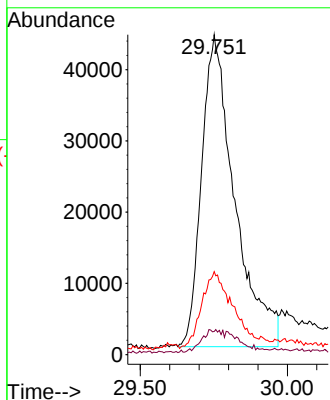
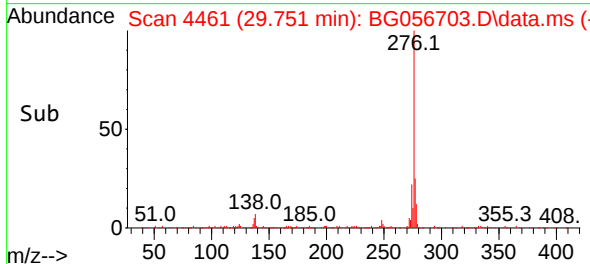
Instrument :
BNA_G
ClientSampleId :
TR-05-02212023MSD



Tgt Ion:276 Resp: 342179
Ion Ratio Lower Upper
276 100
138 2.4 3.8 5.8
277 23.3 20.3 30.5

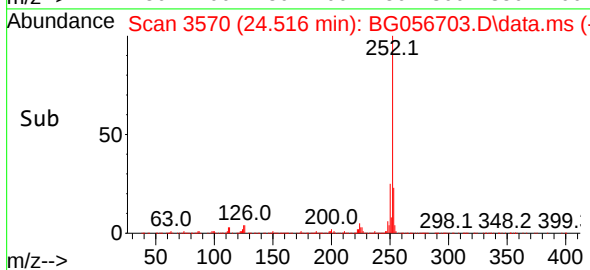
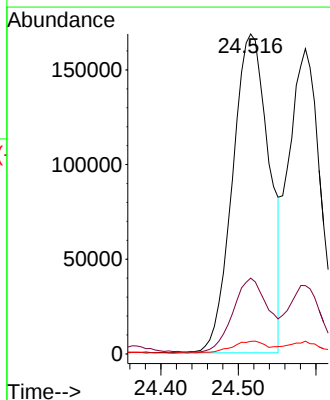
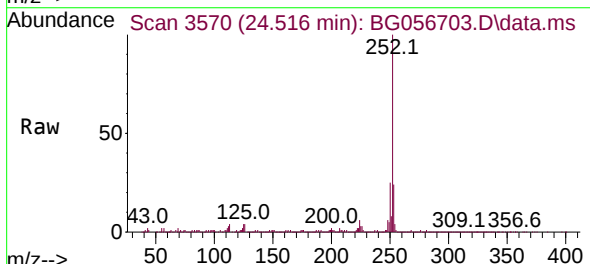
Manual Integrations
APPROVED

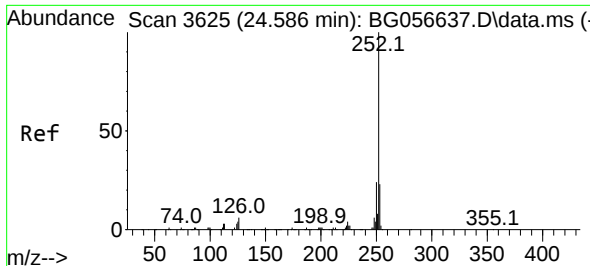
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#88
Benzo(b)fluoranthene
Concen: 93.655 ng
RT: 24.516 min Scan# 3570
Delta R.T. 0.020 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40

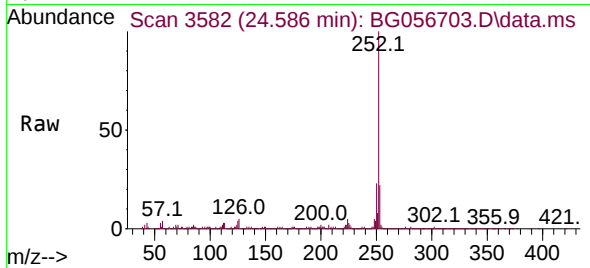
Tgt Ion:252 Resp: 550717
Ion Ratio Lower Upper
252 100
253 23.7 17.3 25.9
125 3.9 3.7 5.5





#89
Benzo(k)fluoranthene
Concen: 87.190 ng m
RT: 24.586 min Scan# 31
Delta R.T. 0.014 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40

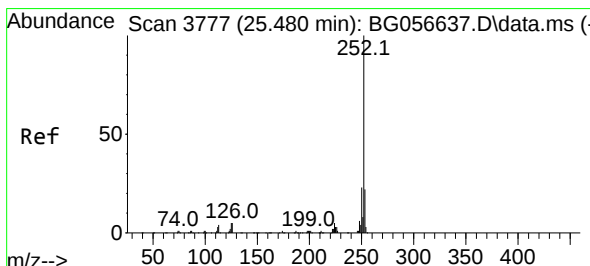
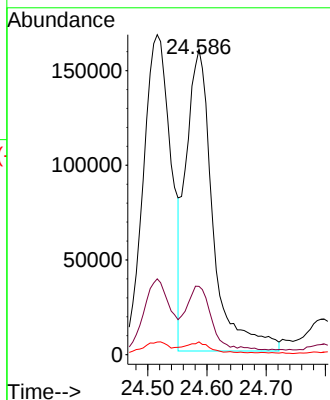
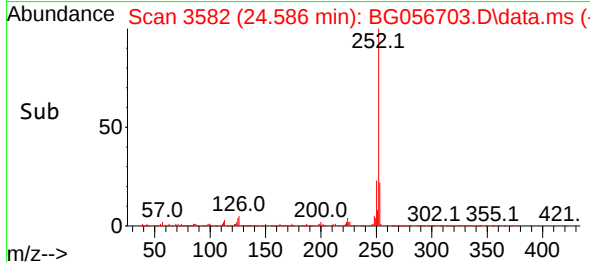
Instrument :
BNA_G
ClientSampleId :
TR-05-02212023MSD



Tgt Ion:252 Resp: 504182
Ion Ratio Lower Upper
252 100
253 22.4 18.5 27.7
125 4.2 3.4 5.0

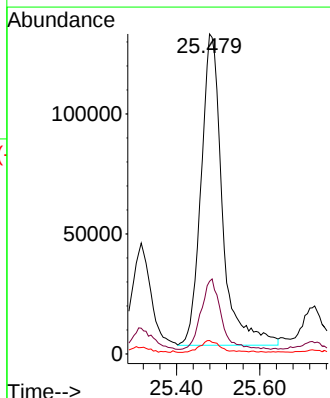
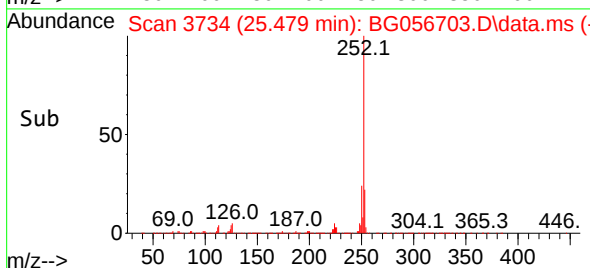
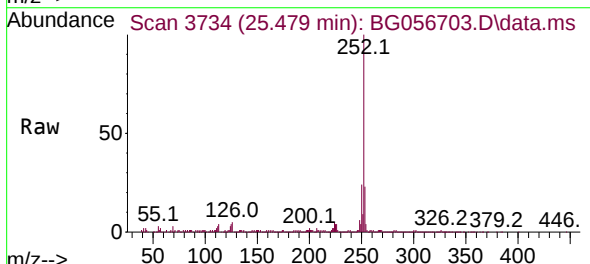
Manual Integrations
APPROVED

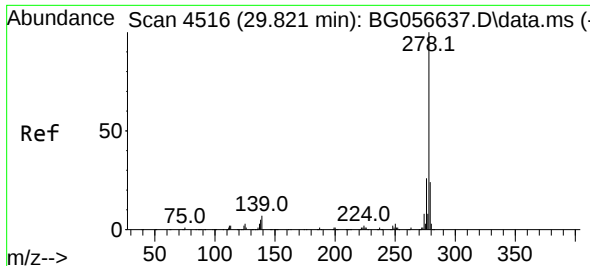
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#90
Benzo(a)pyrene
Concen: 81.468 ng
RT: 25.479 min Scan# 3734
Delta R.T. 0.020 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40

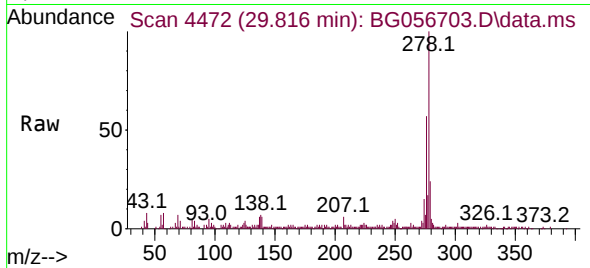
Tgt Ion:252 Resp: 460485
Ion Ratio Lower Upper
252 100
253 22.7 17.9 26.9
125 4.2 4.0 6.0





#91
Dibenzo(a,h)anthracene
Concen: 35.748 ng
RT: 29.816 min Scan# 44
Delta R.T. 0.026 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40

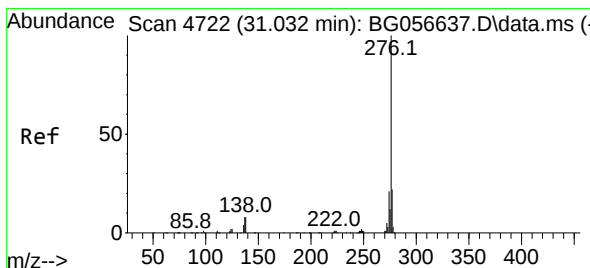
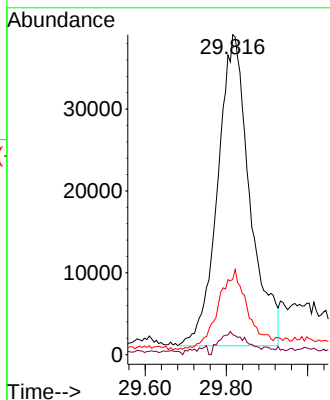
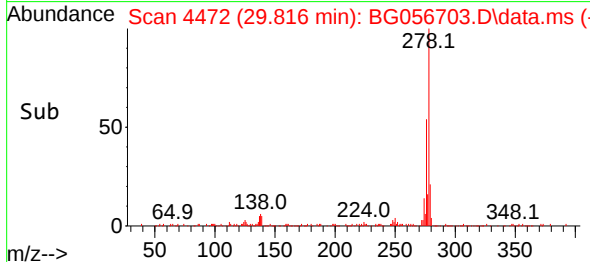
Instrument :
BNA_G
ClientSampleId :
TR-05-02212023MSD



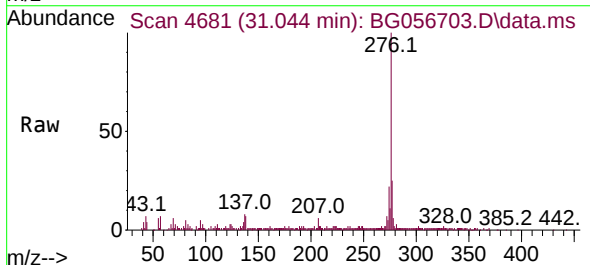
Tgt Ion:278 Resp: 20870
Ion Ratio Lower Upper
278 100
139 6.2 5.8 8.8
279 23.5 19.6 29.4

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#92
Benzo(g,h,i)perylene
Concen: 41.619 ng
RT: 31.044 min Scan# 4681
Delta R.T. 0.038 min
Lab File: BG056703.D
Acq: 22 Feb 2023 18:40



Tgt Ion:276 Resp: 237423
Ion Ratio Lower Upper
276 100
277 25.0 17.5 26.3
138 6.7 6.4 9.6

