

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042222\
 Data File : BG053260.D
 Acq On : 22 Apr 2022 14:22
 Operator : CG/JU
 Sample : N2494-04MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-1DMSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/25/2022
 Supervised By : Jagrut Upadhyay 04/25/2022

Quant Time: Apr 24 01:15:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 01:13:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.112	152	26344	20.000	ng	0.00
21) Naphthalene-d8	10.926	136	104795	20.000	ng	0.00
39) Acenaphthene-d10	14.732	164	80838	20.000	ng	0.00
64) Phenanthrene-d10	17.481	188	201693	20.000	ng	0.00
76) Chrysene-d12	21.764	240	192325	20.000	ng	0.00
86) Perylene-d12	25.065	264	200166	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.680	112	169450	110.260	ng	0.00
7) Phenol-d6	7.272	99	247570	104.462	ng	0.00
23) Nitrobenzene-d5	9.269	82	167627	64.948	ng	0.00
42) 2,4,6-Tribromophenol	16.224	330	132601	103.103	ng	0.00
45) 2-Fluorobiphenyl	13.358	172	379115	64.668	ng	0.00
79) Terphenyl-d14	20.084	244	780427	68.533	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.553	88	29117	39.673	ng	# 88
3) Pyridine	3.953	79	73229	37.831	ng	# 86
4) n-Nitrosodimethylamine	3.865	42	47297	49.342	ng	87
6) Aniline	7.430	93	70626	25.714	ng	97
8) 2-Chlorophenol	7.677	128	87083	52.487	ng	94
9) Benzaldehyde	7.242	77	64344m	45.420	ng	
10) Phenol	7.301	94	121757	51.613	ng	90
11) bis(2-Chloroethyl)ether	7.518	93	81513	47.934	ng	90
12) 1,3-Dichlorobenzene	8.000	146	92569	48.014	ng	97
13) 1,4-Dichlorobenzene	8.147	146	91225	46.413	ng	93
14) 1,2-Dichlorobenzene	8.464	146	89168	47.045	ng	98
15) Benzyl Alcohol	8.347	79	100018	47.480	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.635	45	127728	44.989	ng	99
17) 2-Methylphenol	8.552	107	79402	49.739	ng	94
18) Hexachloroethane	9.198	117	34646	47.006	ng	97
19) n-Nitroso-di-n-propyla...	8.911	70	77972	44.939	ng	98
20) 3+4-Methylphenols	8.881	107	110803	49.169	ng	87
22) Acetophenone	8.928	105	137983	47.461	ng	97
24) Nitrobenzene	9.316	77	119345	47.540	ng	90
25) Isophorone	9.839	82	212669	48.479	ng	99
26) 2-Nitrophenol	10.027	139	48781	46.469	ng	# 89
27) 2,4-Dimethylphenol	10.091	122	83934	55.829	ng	92
28) bis(2-Chloroethoxy)met...	10.315	93	115485	46.859	ng	98
29) 2,4-Dichlorophenol	10.573	162	95200	50.370	ng	98
30) 1,2,4-Trichlorobenzene	10.785	180	99253	46.399	ng	95
31) Naphthalene	10.973	128	262950	47.031	ng	99
32) Benzoic acid	10.250	122	49926	50.797	ng	# 90
33) 4-Chloroaniline	11.078	127	37491	15.659	ng	99
34) Hexachlorobutadiene	11.260	225	70823	44.571	ng	96
35) Caprolactam	11.854	113	31878m	47.850	ng	
36) 4-Chloro-3-methylphenol	12.200	107	109227	49.640	ng	93
37) 2-Methylnaphthalene	12.570	142	192447	46.517	ng	94
38) 1-Methylnaphthalene	12.788	142	186753	46.246	ng	# 99
40) 1,2,4,5-Tetrachloroben...	12.941	216	126614	46.116	ng	98
41) Hexachlorocyclopentadiene	12.917	237	133494	94.189	ng	91
43) 2,4,6-Trichlorophenol	13.175	196	87449	46.197	ng	98

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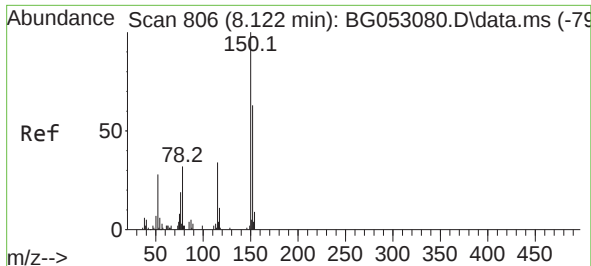
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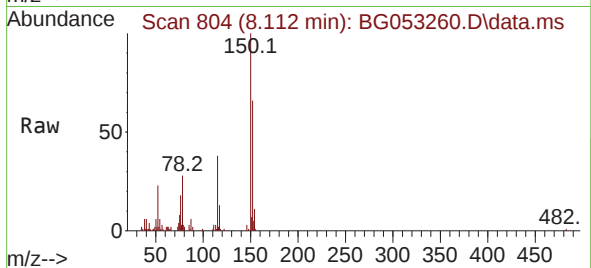
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.252	196	96163	47.672	ng	96
46) 1,1'-Biphenyl	13.569	154	268263	46.082	ng	97
47) 2-Chloronaphthalene	13.616	162	211033	45.437	ng	99
48) 2-Nitroaniline	13.810	65	81244	46.094	ng	94
49) Acenaphthylene	14.462	152	359470	49.442	ng	99
50) Dimethylphthalate	14.180	163	291716	45.117	ng	99
51) 2,6-Dinitrotoluene	14.303	165	65155	48.303	ng	90
52) Acenaphthene	14.797	154	263689m	53.482	ng	
53) 3-Nitroaniline	14.632	138	26315	18.450	ng	# 83
54) 2,4-Dinitrophenol	14.850	184	83737	97.566	ng	# 91
55) Dibenzofuran	15.132	168	345447	44.745	ng	97
56) 4-Nitrophenol	14.955	139	108524	99.765	ng	# 80
57) 2,4-Dinitrotoluene	15.091	165	91507	47.651	ng	# 85
58) Fluorene	15.784	166	285384	45.768	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.361	232	94742	48.364	ng	97
60) Diethylphthalate	15.543	149	296124	43.712	ng	99
61) 4-Chlorophenyl-phenyle...	15.766	204	160034	45.275	ng	100
62) 4-Nitroaniline	15.795	138	64864	43.097	ng	# 77
63) Azobenzene	16.060	77	301762	44.181	ng	96
65) 4,6-Dinitro-2-methylph...	15.860	198	59837	42.523	ng	96
66) n-Nitrosodiphenylamine	15.983	169	260817	44.968	ng	97
67) 4-Bromophenyl-phenylether	16.665	248	114879	44.451	ng	98
68) Hexachlorobenzene	16.794	284	128852	46.039	ng	97
69) Atrazine	16.929	200	115133	50.818	ng	95
70) Pentachlorophenol	17.135	266	152696	99.827	ng	91
71) Phenanthrene	17.523	178	500878	45.465	ng	97
72) Anthracene	17.617	178	505929	46.355	ng	99
73) Carbazole	17.881	167	470955	44.390	ng	99
74) Di-n-butylphthalate	18.427	149	529616	44.015	ng	98
75) Fluoranthene	19.532	202	639761	45.303	ng	99
77) Benzidine	19.702	184	258919	47.185	ng	99
78) Pyrene	19.890	202	637637	46.552	ng	99
80) Butylbenzylphthalate	20.765	149	229076	44.859	ng	98
81) Benzo(a)anthracene	21.746	228	619118	47.082	ng	99
82) 3,3'-Dichlorobenzidine	21.652	252	99724	20.621	ng	92
83) Chrysene	21.817	228	561537	46.013	ng	98
84) Bis(2-ethylhexyl)phtha...	21.635	149	321571	46.587	ng	99
85) Di-n-octyl phthalate	22.868	149	542796	47.018	ng	96
87) Indeno(1,2,3-cd)pyrene	28.848	276	687333	46.219	ng	# 96
88) Benzo(b)fluoranthene	24.020	252	621879	49.241	ng	97
89) Benzo(k)fluoranthene	24.090	252	603352	48.609	ng	99
90) Benzo(a)pyrene	24.913	252	603880	56.128	ng	98
91) Dibenzo(a,h)anthracene	28.913	278	597628	48.827	ng	97
92) Benzo(g,h,i)perylene	30.035	276	588315	48.766	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.112 min Scan# 806
Delta R.T. -0.001 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22

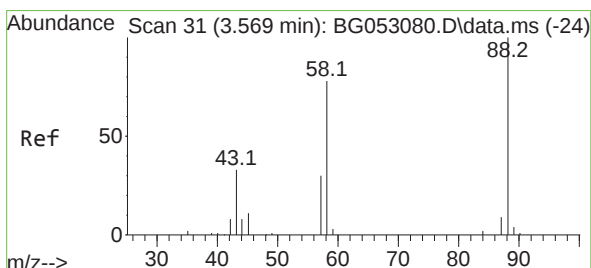
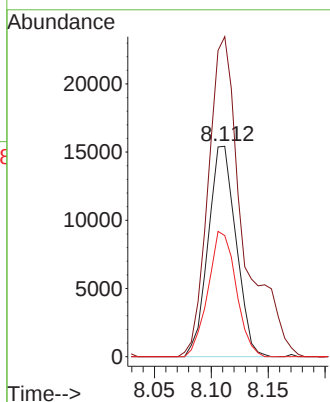
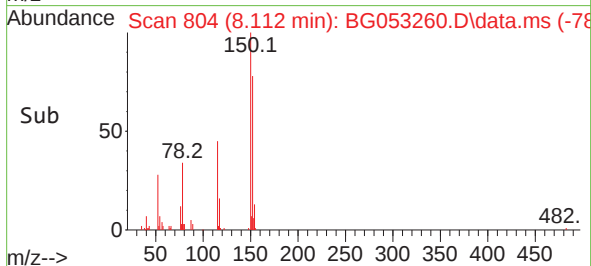
Instrument :
BNA_G
ClientSampleId :
MH-1DMSD



Tgt Ion:152 Resp: 26344
Ion Ratio Lower Upper
152 100
150 152.1 114.6 172.0
115 57.6 45.9 68.9

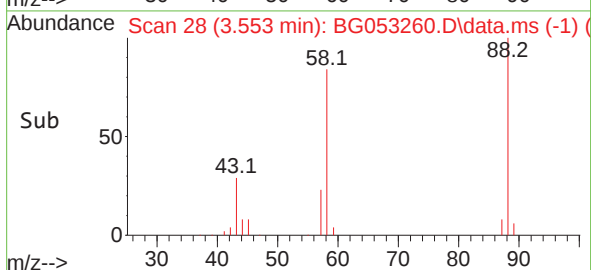
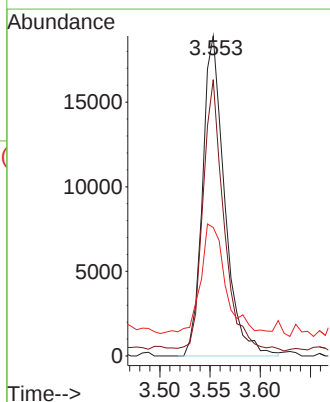
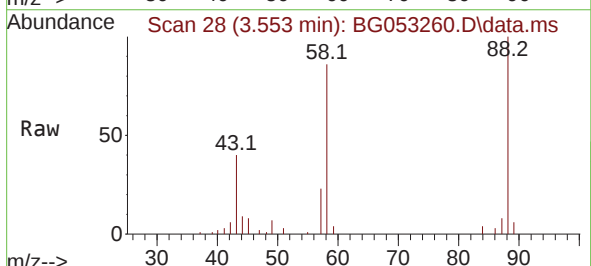
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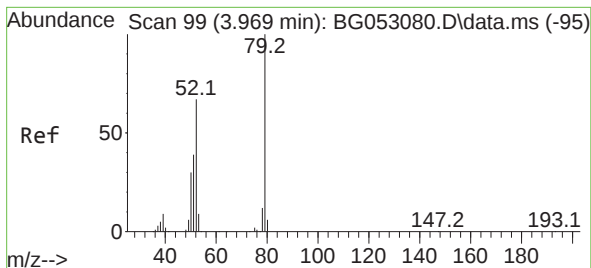
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#2
1,4-Dioxane
Concen: 39.673 ng
RT: 3.553 min Scan# 28
Delta R.T. -0.002 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22

Tgt Ion: 88 Resp: 29117
Ion Ratio Lower Upper
88 100
58 80.6 58.2 87.2
43 38.3 23.4 35.0





#3

Pyridine

Concen: 37.831 ng

RT: 3.953 min Scan# 90

Delta R.T. -0.008 min

Lab File: BG053260.D

Acq: 22 Apr 2022 14:22

Instrument :

BNA_G

ClientSampleId :

MH-1DMSD

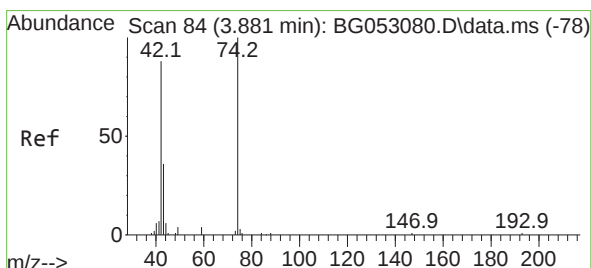
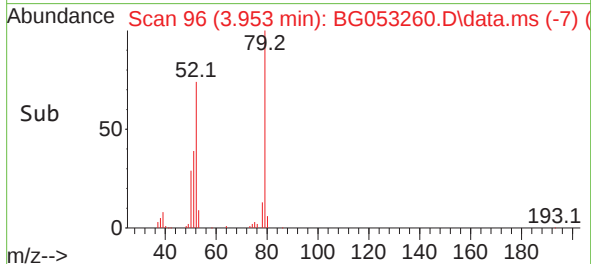
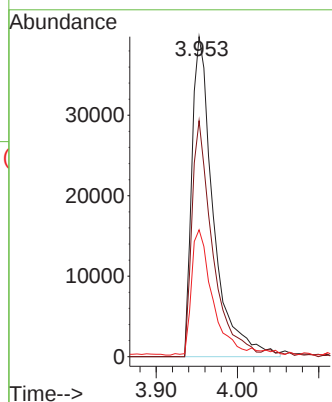
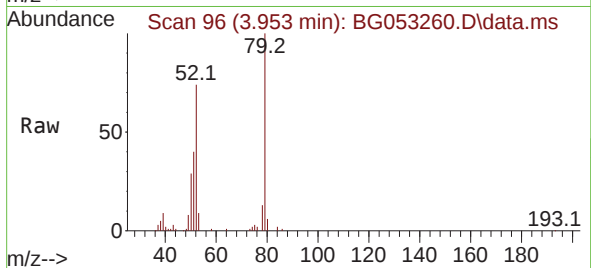
Tgt Ion: 79	Resp: 73229
Ion Ratio	Lower Upper
79	100
52	73.7 50.9 76.3
51	39.7 24.4 36.6

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 49.342 ng

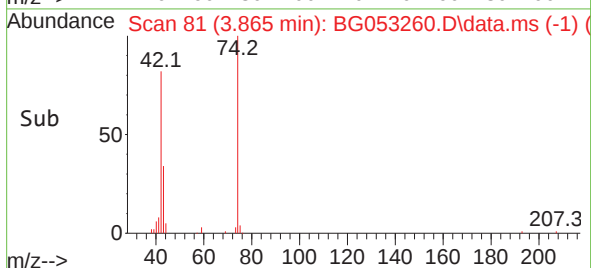
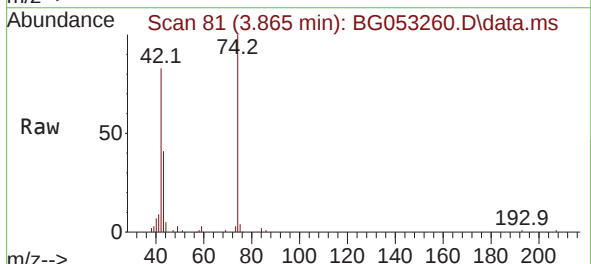
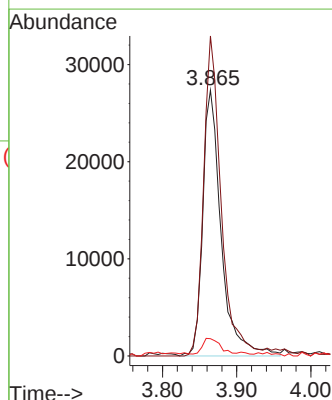
RT: 3.865 min Scan# 81

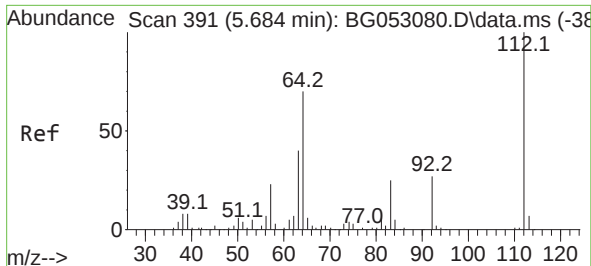
Delta R.T. -0.002 min

Lab File: BG053260.D

Acq: 22 Apr 2022 14:22

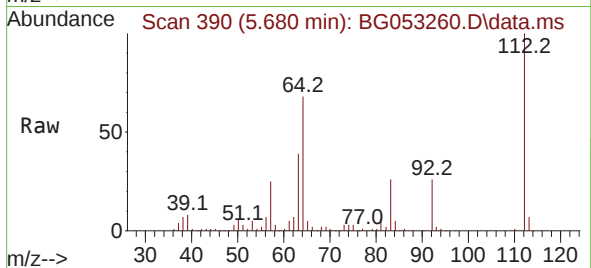
Tgt Ion: 42	Resp: 47297
Ion Ratio	Lower Upper
42	100
74	120.4 108.9 163.3
44	6.5 5.7 8.5





#5
2-Fluorophenol
Concen: 110.260 ng
RT: 5.680 min Scan# 391
Delta R.T. 0.004 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22

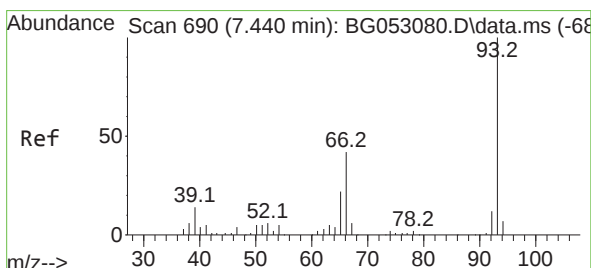
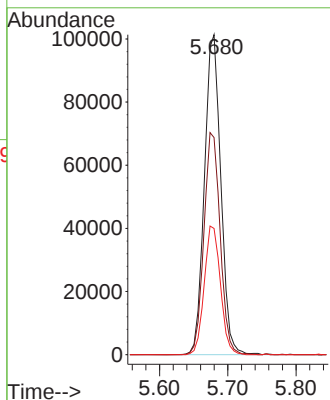
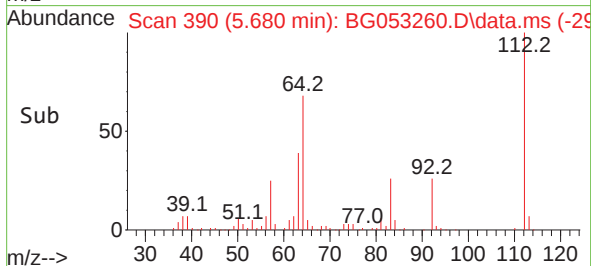
Instrument :
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ClientSampleId :
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Tgt Ion:112 Resp: 169450
Ion Ratio Lower Upper
112 100
64 67.9 48.0 72.0
63 39.5 26.5 39.7

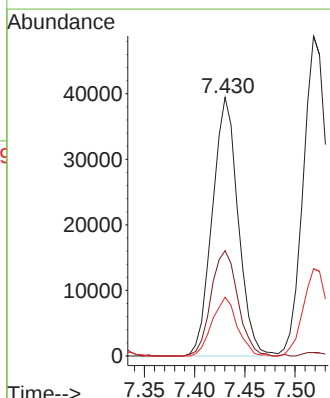
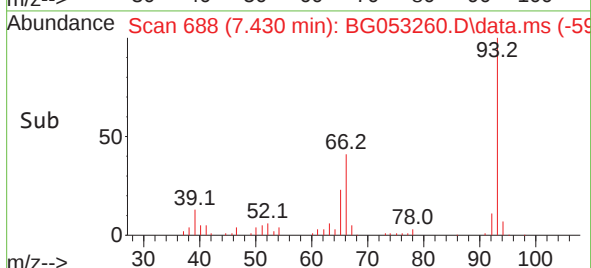
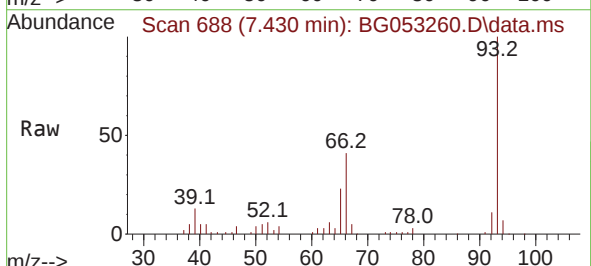
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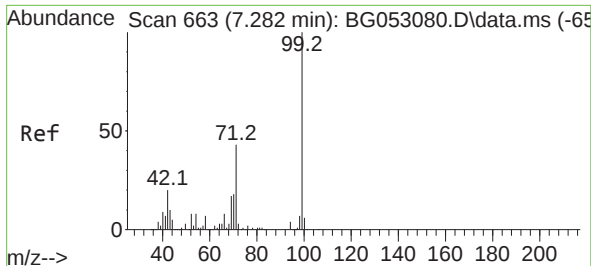
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#6
Aniline
Concen: 25.714 ng
RT: 7.430 min Scan# 688
Delta R.T. -0.002 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22

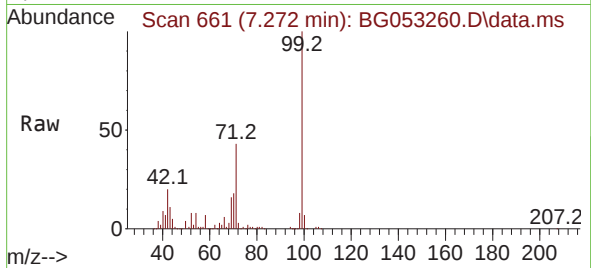
Tgt Ion: 93 Resp: 70626
Ion Ratio Lower Upper
93 100
66 40.7 31.3 46.9
65 22.7 16.7 25.1





#7
Phenol-d6
Concen: 104.462 ng
RT: 7.272 min Scan# 60
Delta R.T. -0.002 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22

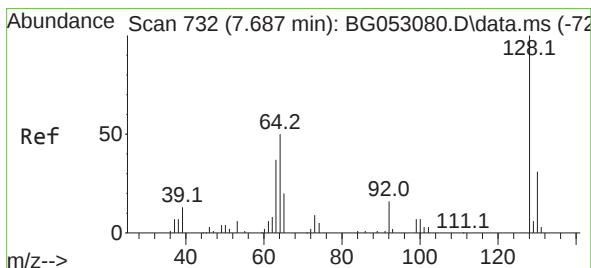
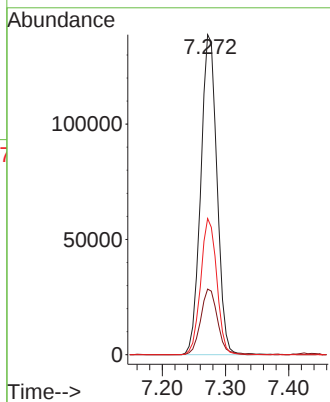
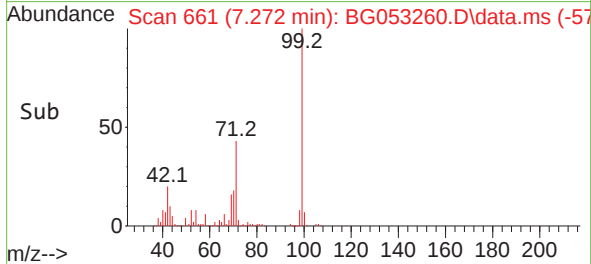
Instrument :
BNA_G
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Tgt Ion: 99 Resp: 247570
Ion Ratio Lower Upper
99 100
42 20.5 14.7 22.1
71 42.5 29.2 43.8

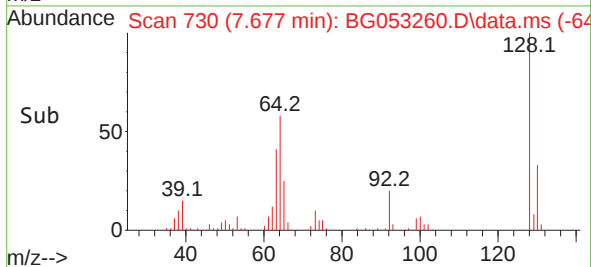
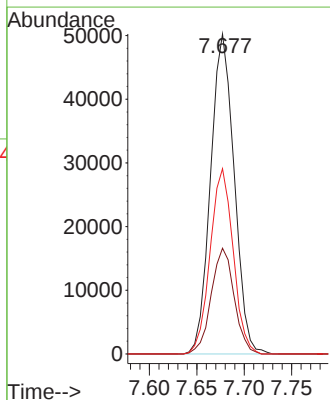
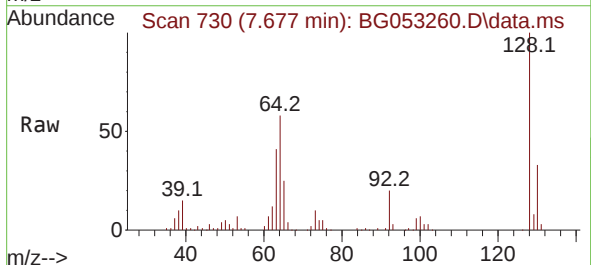
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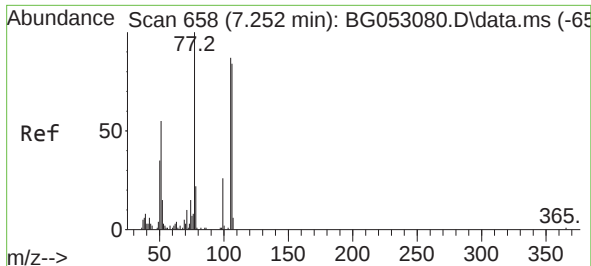
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#8
2-Chlorophenol
Concen: 52.487 ng
RT: 7.677 min Scan# 730
Delta R.T. -0.002 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22

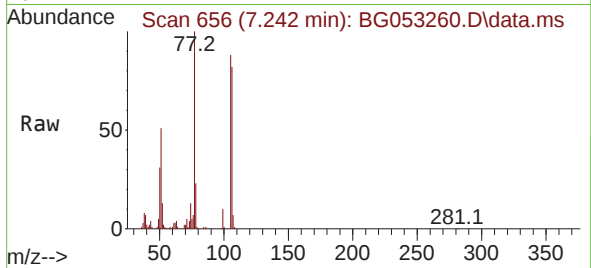
Tgt Ion:128 Resp: 87083
Ion Ratio Lower Upper
128 100
130 33.0 13.4 53.4
64 57.9 30.9 70.9





#9
Benzaldehyde
Concen: 45.420 ng m
RT: 7.242 min Scan# 658
Delta R.T. -0.002 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22

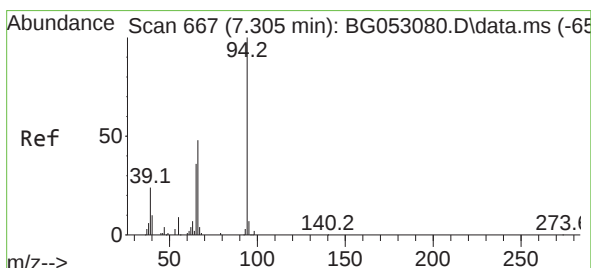
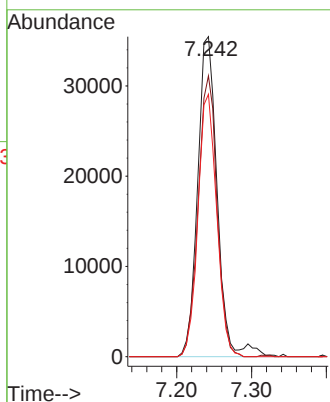
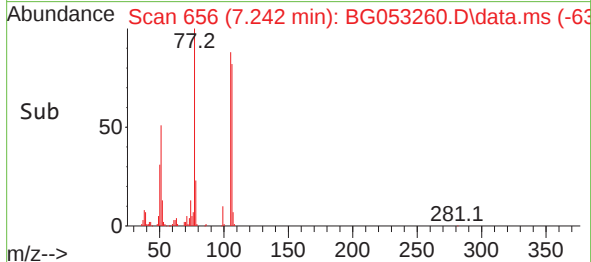
Instrument :
BNA_G
ClientSampleId :
MH-1DMSD



Tgt Ion: 77 Resp: 64344
Ion Ratio Lower Upper
77 100
105 87.8 70.6 110.6
106 82.0 67.6 107.6

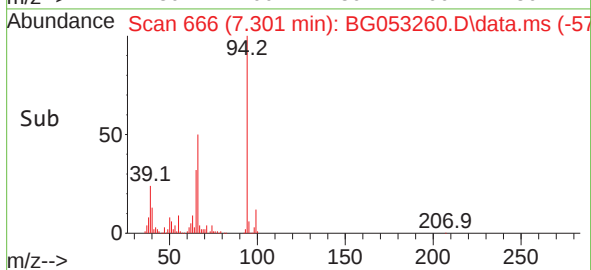
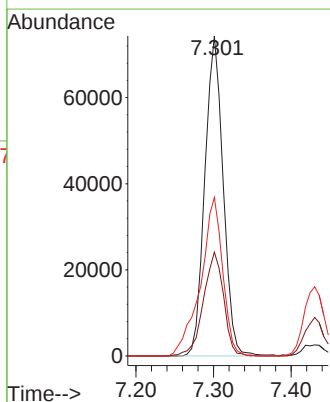
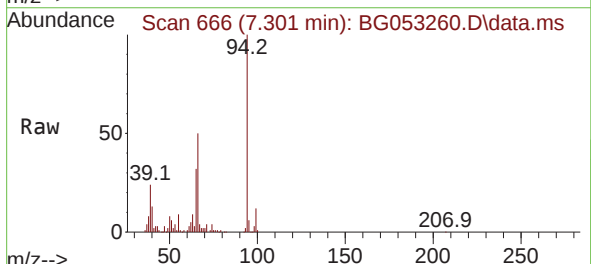
Manual Integrations
APPROVED

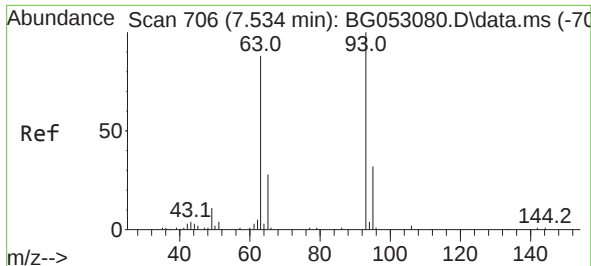
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#10
Phenol
Concen: 51.613 ng
RT: 7.301 min Scan# 666
Delta R.T. 0.004 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22

Tgt Ion: 94 Resp: 121757
Ion Ratio Lower Upper
94 100
65 32.5 11.1 51.1
66 49.5 20.0 60.0





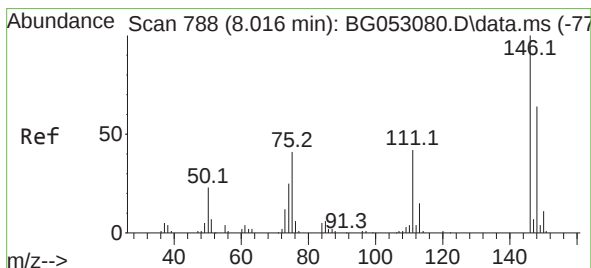
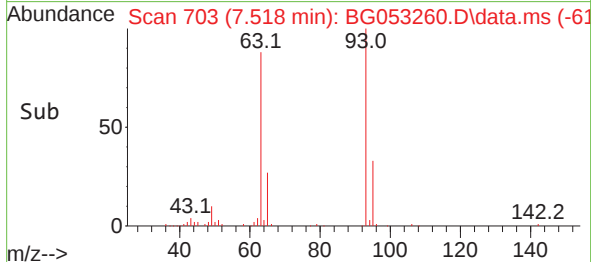
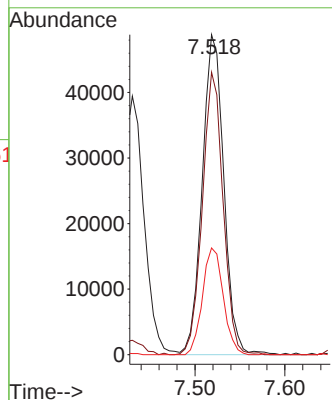
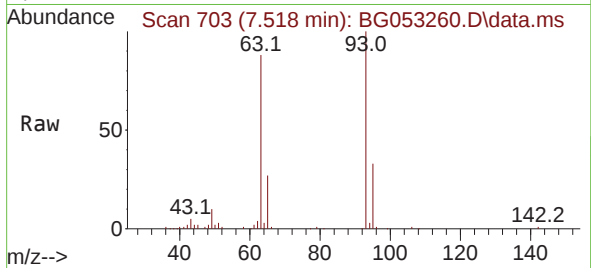
#11
bis(2-Chloroethyl)ether
Concen: 47.934 ng
RT: 7.518 min Scan# 706
Delta R.T. -0.008 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22

Instrument :
BNA_G
ClientSampleId :
MH-1DMSD

Tgt Ion: 93 Resp: 8151
Ion Ratio Lower Upper
93 100
63 88.2 56.9 96.9
95 33.4 14.5 54.5

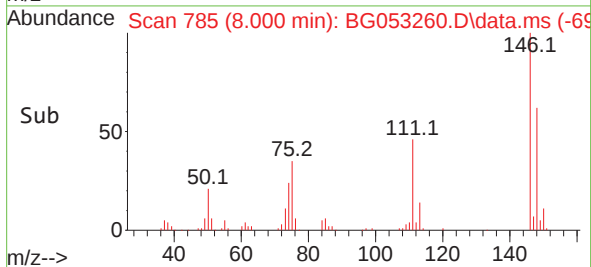
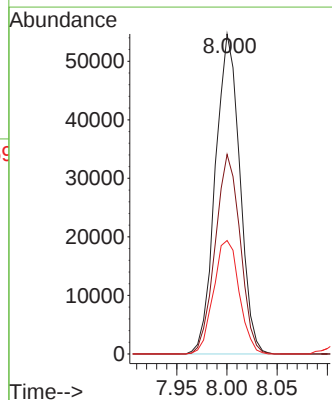
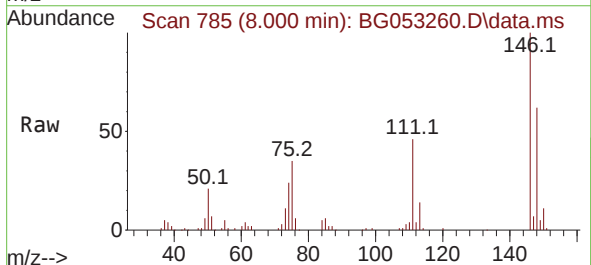
Manual Integrations
APPROVED

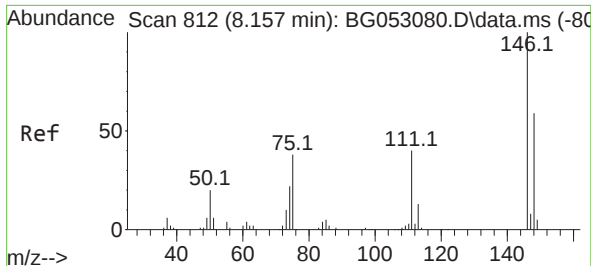
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#12
1,3-Dichlorobenzene
Concen: 48.014 ng
RT: 8.000 min Scan# 785
Delta R.T. -0.002 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22

Tgt Ion:146 Resp: 92569
Ion Ratio Lower Upper
146 100
148 62.4 50.6 76.0
75 35.4 25.9 38.9





#13

1,4-Dichlorobenzene

Concen: 46.413 ng

RT: 8.147 min Scan# 81

Delta R.T. -0.002 min

Lab File: BG053260.D

Acq: 22 Apr 2022 14:22

Instrument :

BNA_G

ClientSampleId :

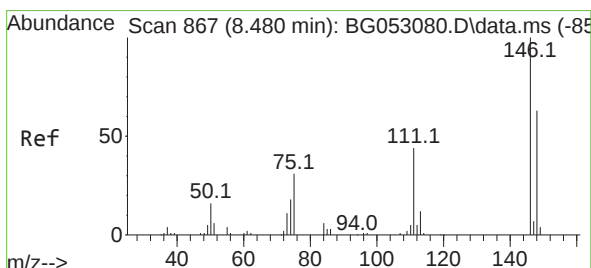
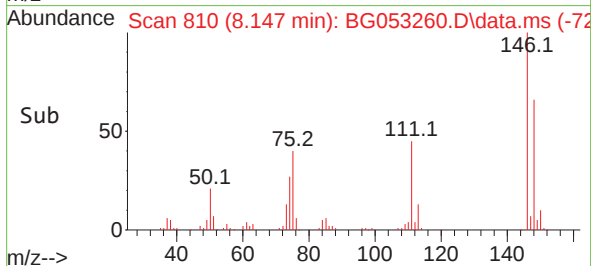
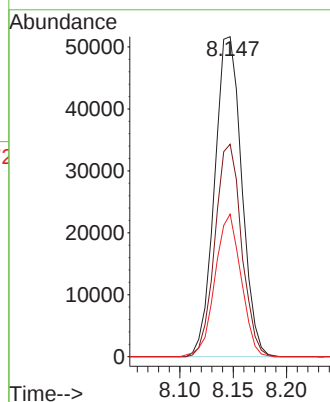
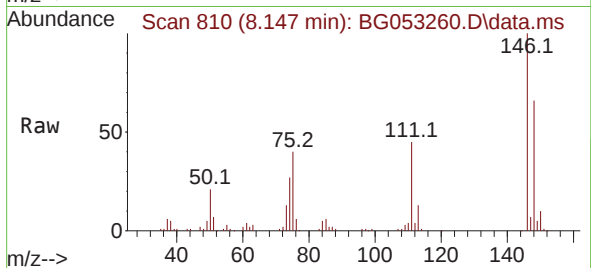
MH-1DMSD

Tgt Ion:146 Resp: 91225
 Ion Ratio Lower Upper
 146 100
 148 66.4 50.0 75.0
 111 44.5 31.0 46.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/25/2022
 Supervised By :Jagrut Upadhyay 04/25/2022



#14

1,2-Dichlorobenzene

Concen: 47.045 ng

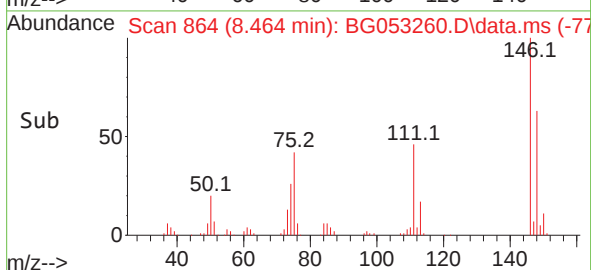
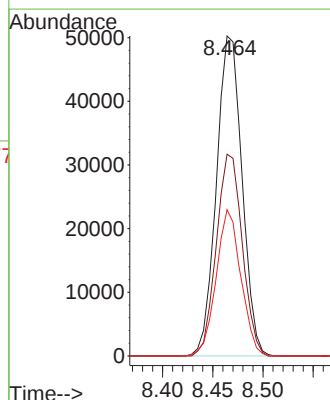
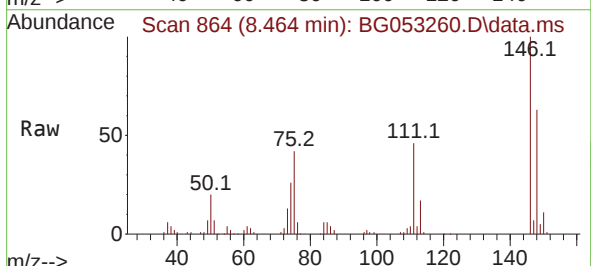
RT: 8.464 min Scan# 864

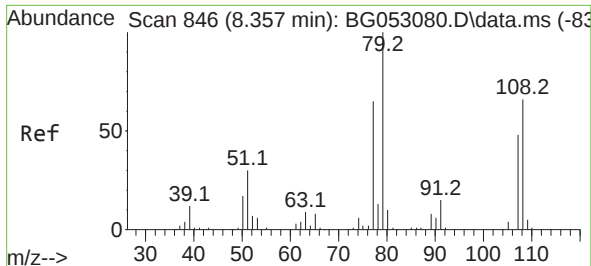
Delta R.T. -0.008 min

Lab File: BG053260.D

Acq: 22 Apr 2022 14:22

Tgt Ion:146 Resp: 89168
 Ion Ratio Lower Upper
 146 100
 148 63.0 51.0 76.6
 111 45.7 34.7 52.1





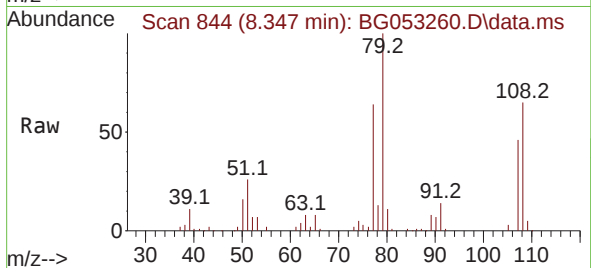
#15
Benzyl Alcohol
Concen: 47.480 ng
RT: 8.347 min Scan# 846
Delta R.T. 0.004 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22

Instrument :

BNA_G

ClientSampleId :

MH-1DMSD

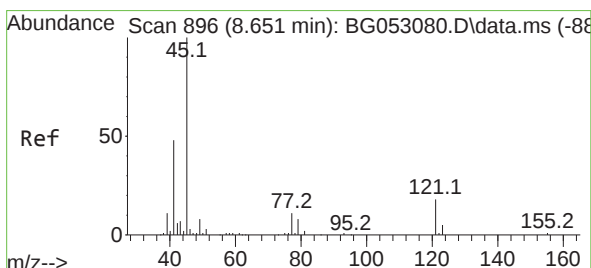
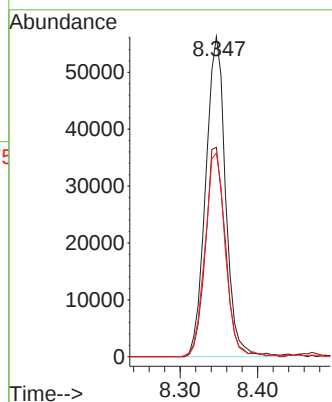
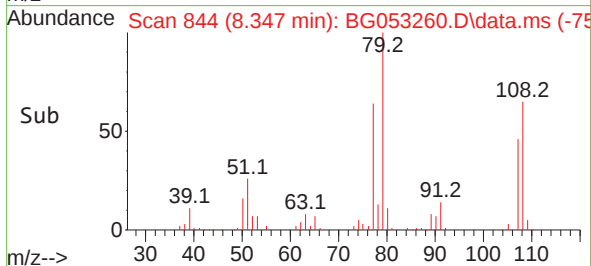


Tgt Ion: 79 Resp: 100018
Ion Ratio Lower Upper
79 100
108 65.4 55.1 82.7
77 63.7 52.4 78.6

Manual Integrations

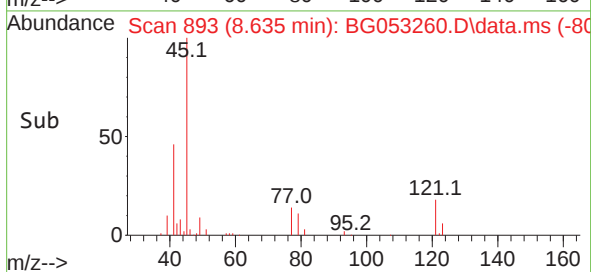
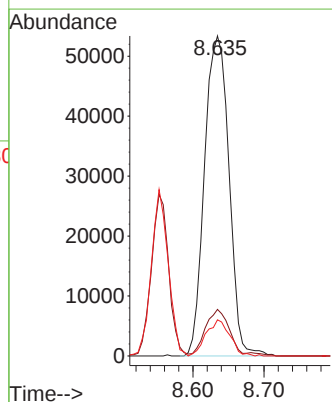
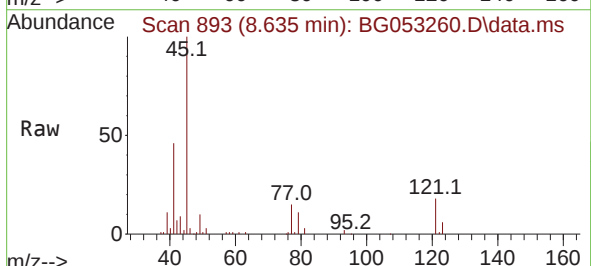
APPROVED

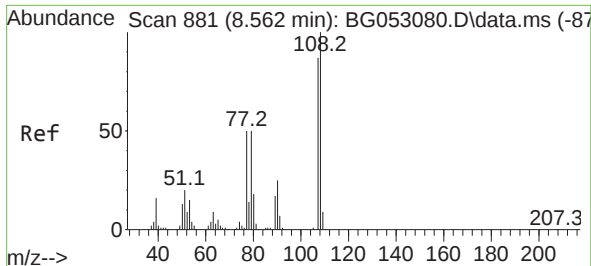
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.989 ng
RT: 8.635 min Scan# 893
Delta R.T. -0.002 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22

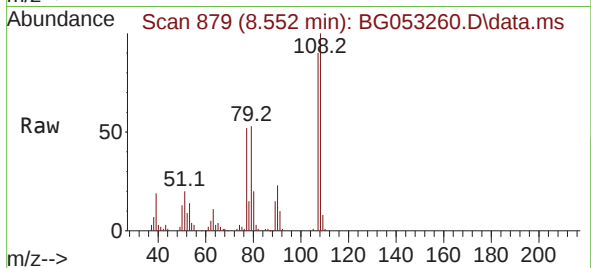
Tgt Ion: 45 Resp: 127728
Ion Ratio Lower Upper
45 100
77 14.6 0.0 34.9
79 11.3 0.0 30.7





#17
2-Methylphenol
Concen: 49.739 ng
RT: 8.552 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22

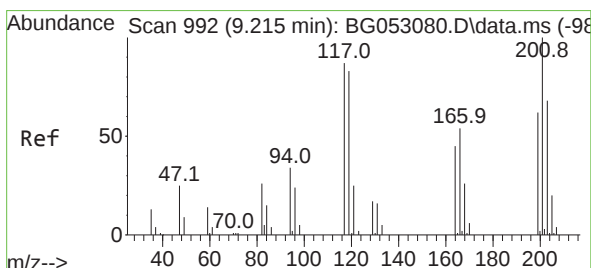
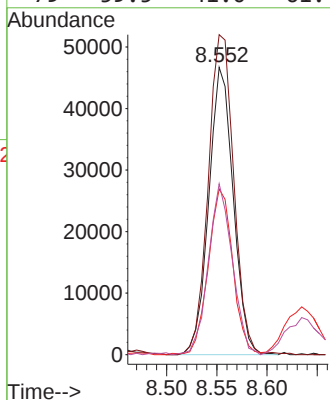
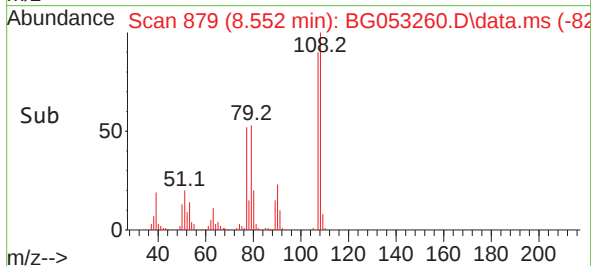
Instrument :
BNA_G
ClientSampleId :
MH-1DMSD



Tgt Ion:	107	Resp:	7940
Ion	Ratio	Lower	Upper
107	100		
108	111.3	91.5	137.3
77	57.7	42.5	63.7
79	59.5	41.0	61.4

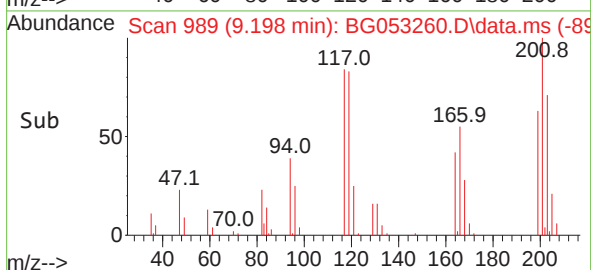
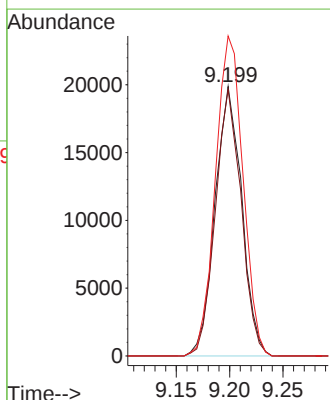
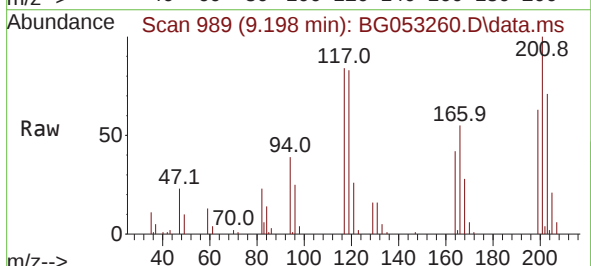
Manual Integrations
APPROVED

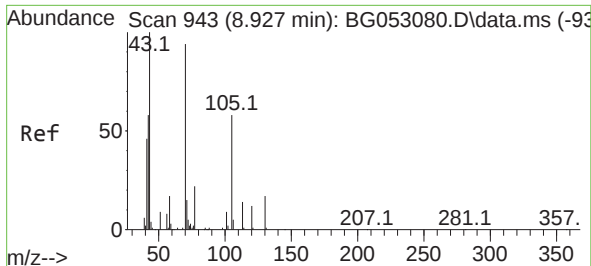
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#18
Hexachloroethane
Concen: 47.006 ng
RT: 9.198 min Scan# 989
Delta R.T. -0.002 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22

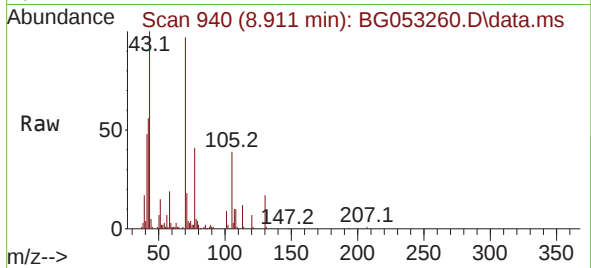
Tgt Ion:	117	Resp:	34646
Ion	Ratio	Lower	Upper
117	100		
119	98.9	75.1	112.7
201	118.8	96.6	145.0





#19
n-Nitroso-di-n-propylamine
Concen: 44.939 ng
RT: 8.911 min Scan# 94
Delta R.T. -0.002 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22

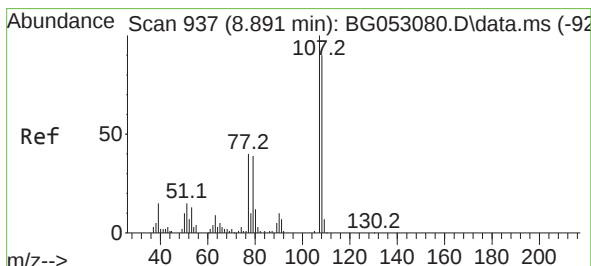
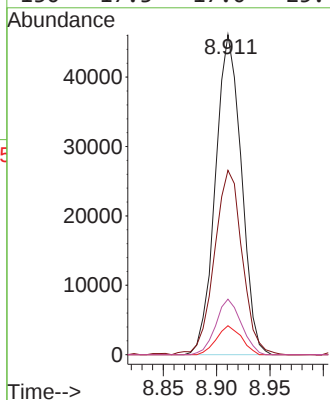
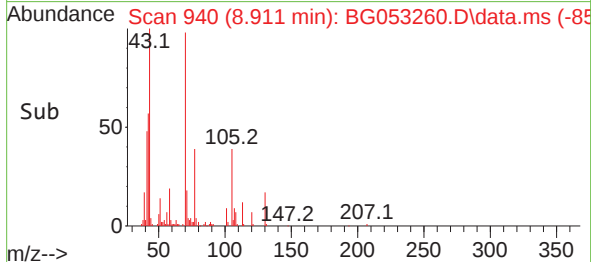
Instrument :
BNA_G
ClientSampleId :
MH-1DMSD



Tgt Ion: 70 Resp: 77972
Ion Ratio Lower Upper
70 100
42 57.6 46.0 69.0
101 9.1 6.2 9.4
130 17.3 17.0 25.4

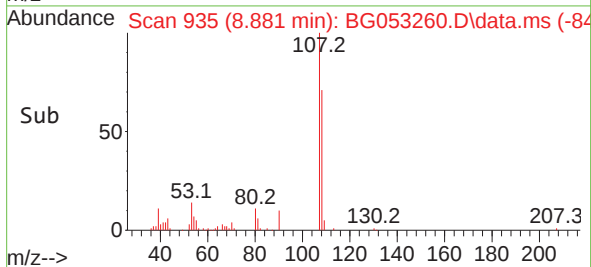
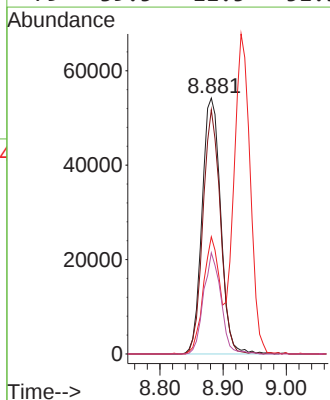
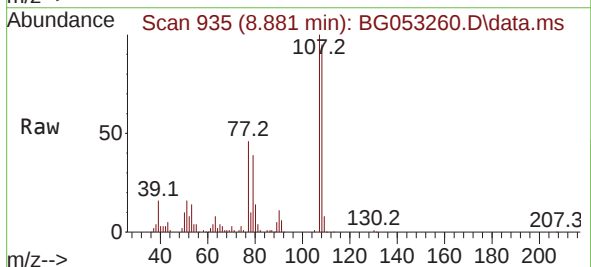
Manual Integrations
APPROVED

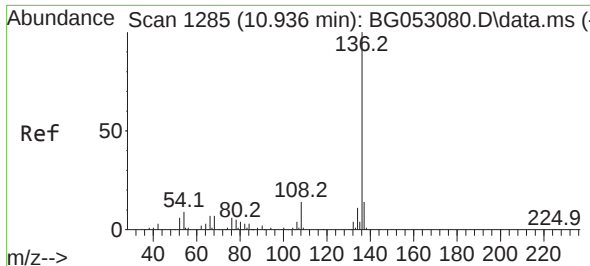
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#20
3+4-Methylphenols
Concen: 49.169 ng
RT: 8.881 min Scan# 935
Delta R.T. -0.002 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22

Tgt Ion:107 Resp: 110803
Ion Ratio Lower Upper
107 100
108 95.4 64.8 104.8
77 45.8 15.9 55.9
79 39.5 11.5 51.5





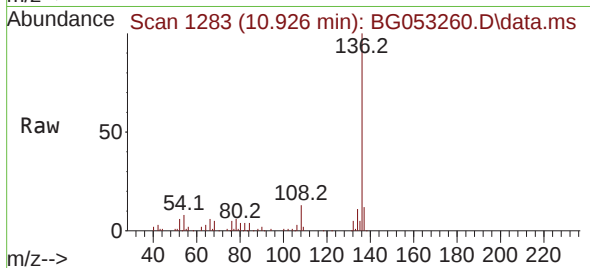
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.926 min Scan# 10479
Delta R.T. 0.004 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22

Instrument :

BNA_G

ClientSampleId :

MH-1DMSD

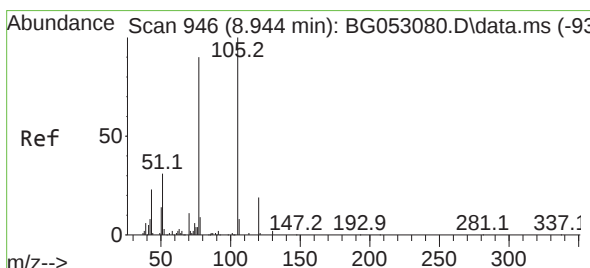
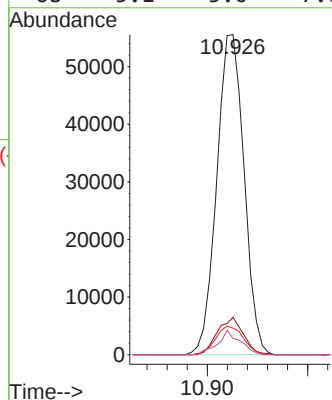
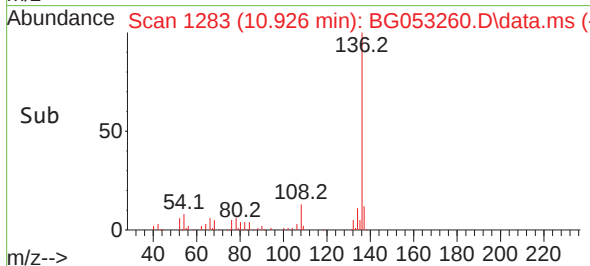


Tgt Ion:136 Resp: 10479
Ion Ratio Lower Upper
136 100
137 11.7 9.4 14.2
54 8.3 6.4 9.6
68 5.1 5.0 7.6

Manual Integrations

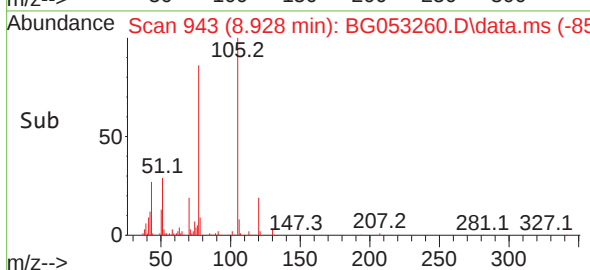
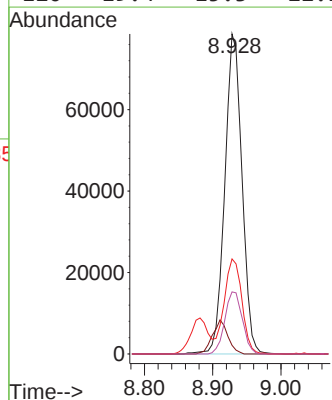
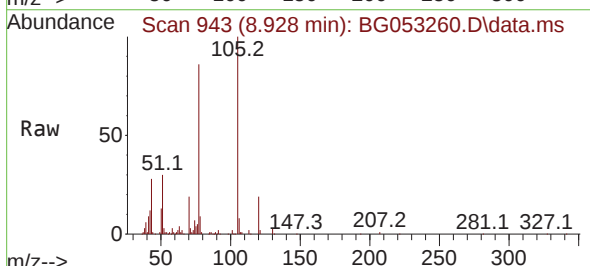
APPROVED

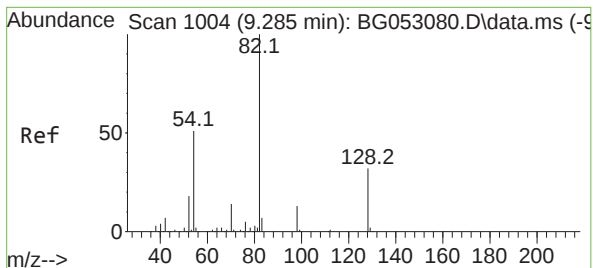
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#22
Acetophenone
Concen: 47.461 ng
RT: 8.928 min Scan# 943
Delta R.T. -0.002 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22

Tgt Ion:105 Resp: 137983
Ion Ratio Lower Upper
105 100
71 2.7 2.1 3.1
51 29.7 21.9 32.9
120 19.4 15.3 22.9





#23

Nitrobenzene-d5

Concen: 64.948 ng

RT: 9.269 min Scan# 1001

Delta R.T. -0.008 min

Lab File: BG053260.D

Acq: 22 Apr 2022 14:22

Instrument :

BNA_G

ClientSampleId :

MH-1DMSD

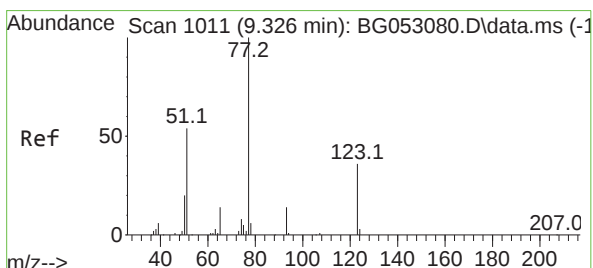
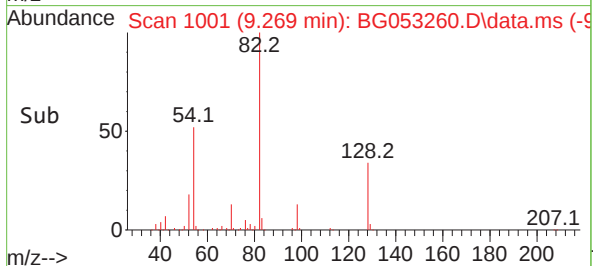
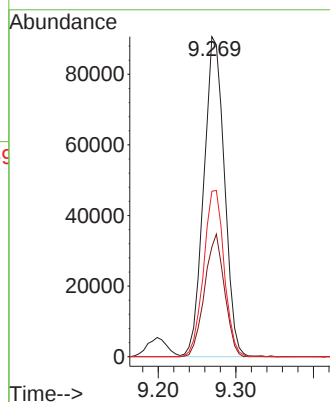
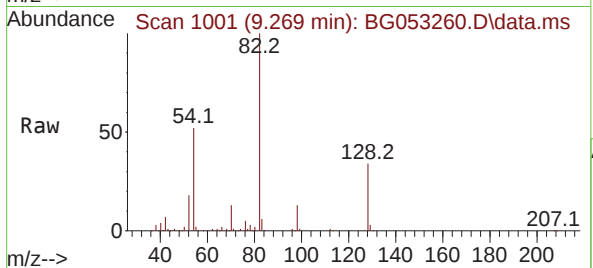
Tgt Ion:	82	Resp:	16762
Ion Ratio	Lower	Upper	
82	100		
128	34.3	31.3	46.9
54	51.7	37.8	56.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/25/2022

Supervised By :Jagrut Upadhyay 04/25/2022



#24

Nitrobenzene

Concen: 47.540 ng

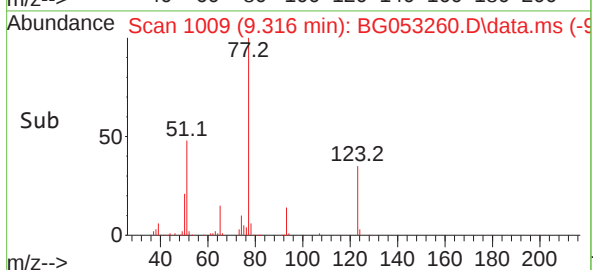
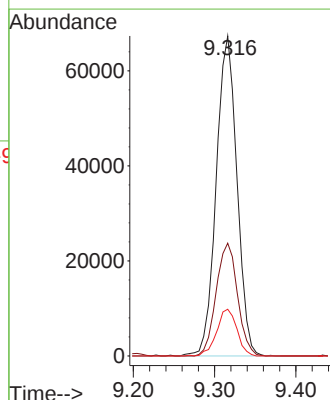
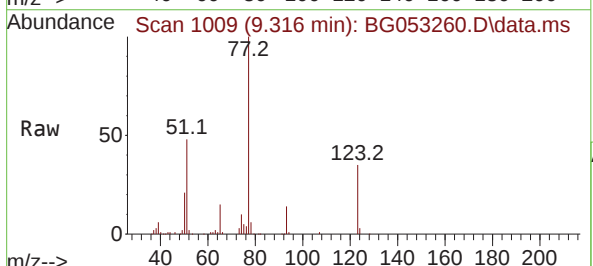
RT: 9.316 min Scan# 1009

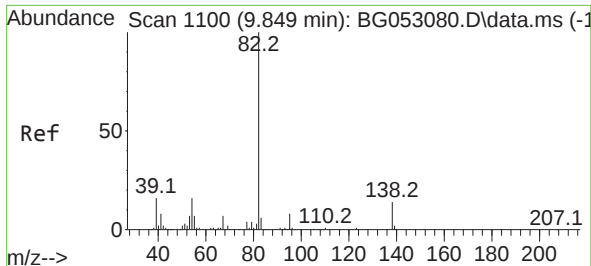
Delta R.T. -0.002 min

Lab File: BG053260.D

Acq: 22 Apr 2022 14:22

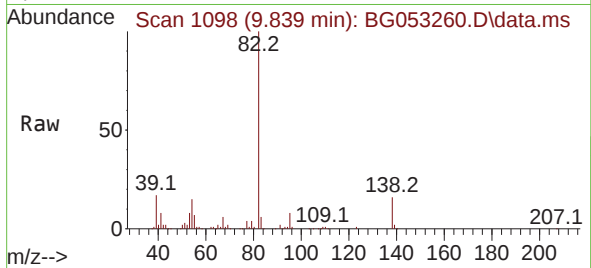
Tgt Ion:	77	Resp:	119345
Ion Ratio	Lower	Upper	
77	100		
123	35.2	34.4	51.6
65	14.6	11.2	16.8





#25
Isophorone
Concen: 48.479 ng
RT: 9.839 min Scan# 1100
Delta R.T. -0.002 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22

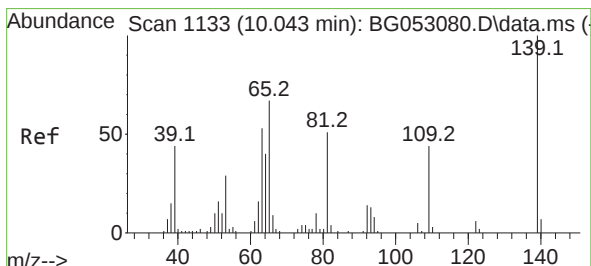
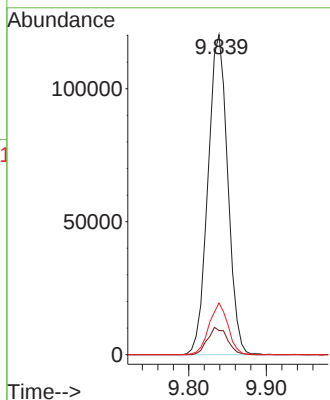
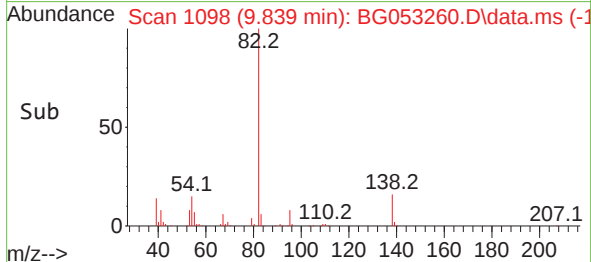
Instrument :
BNA_G
ClientSampleId :
MH-1DMSD



Tgt Ion: 82 Resp: 21266
Ion Ratio Lower Upper
82 100
95 7.6 5.8 8.6
138 16.1 12.6 18.8

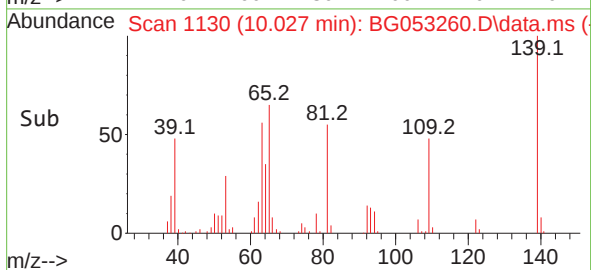
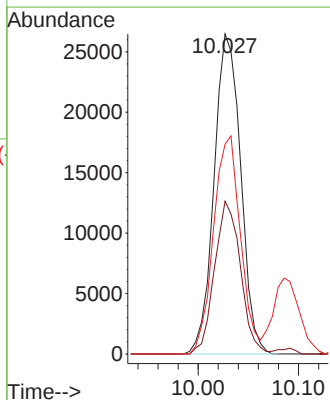
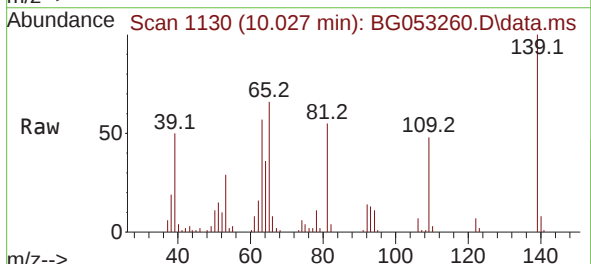
Manual Integrations
APPROVED

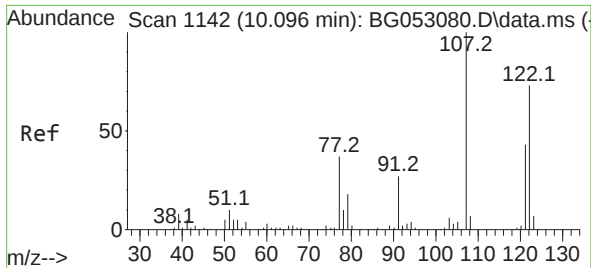
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#26
2-Nitrophenol
Concen: 46.469 ng
RT: 10.027 min Scan# 1130
Delta R.T. -0.002 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22

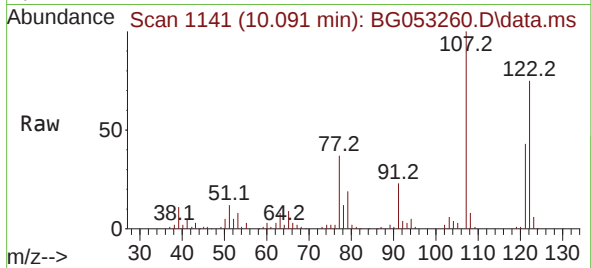
Tgt Ion:139 Resp: 48781
Ion Ratio Lower Upper
139 100
109 47.7 29.4 44.0#
65 65.6 48.2 72.2





#27
2,4-Dimethylphenol
Concen: 55.829 ng
RT: 10.091 min Scan# 1142
Delta R.T. 0.004 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22

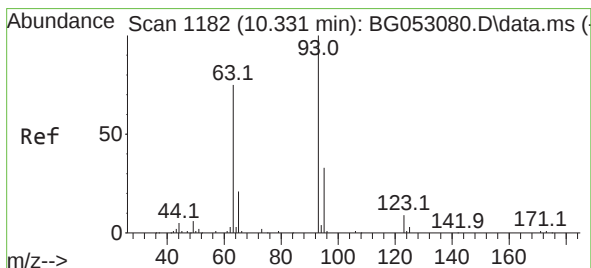
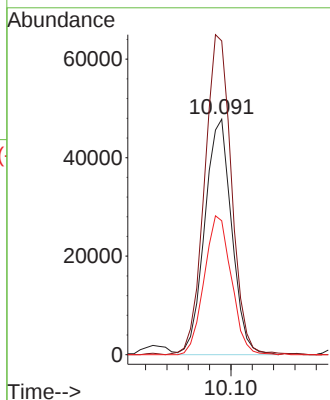
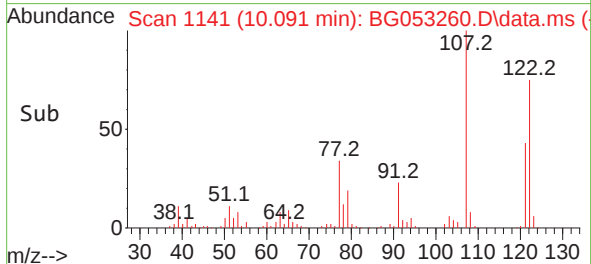
Instrument :
BNA_G
ClientSampleId :
MH-1DMSD



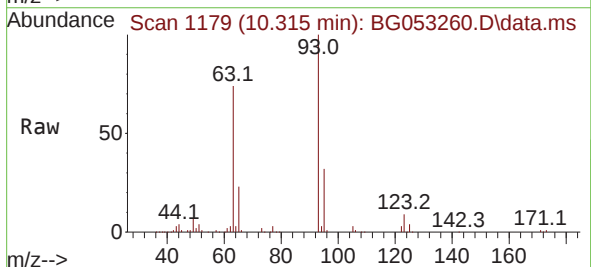
Tgt Ion:122 Resp: 83934
Ion Ratio Lower Upper
122 100
107 133.2 96.7 145.1
121 56.9 46.3 69.5

Manual Integrations
APPROVED

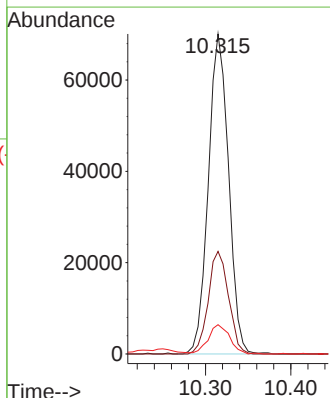
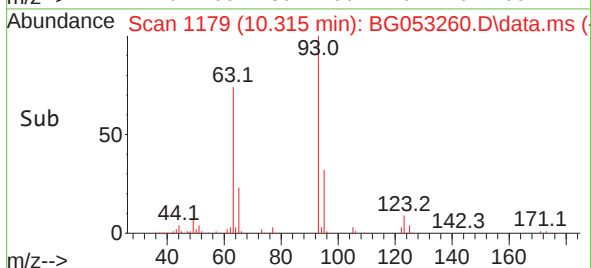
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022

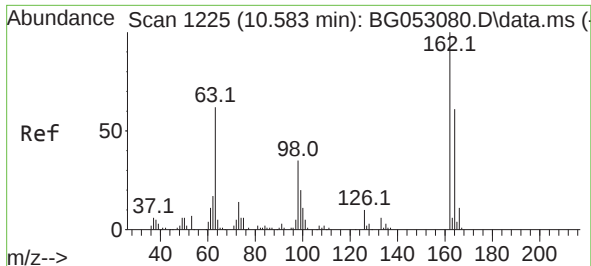


#28
bis(2-Chloroethoxy)methane
Concen: 46.859 ng
RT: 10.315 min Scan# 1179
Delta R.T. -0.002 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22



Tgt Ion: 93 Resp: 115485
Ion Ratio Lower Upper
93 100
95 32.0 26.5 39.7
123 9.1 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 50.370 ng

RT: 10.573 min Scan# 1225

Delta R.T. -0.002 min

Lab File: BG053260.D

Acq: 22 Apr 2022 14:22

Instrument :

BNA_G

ClientSampleId :

MH-1DMSD

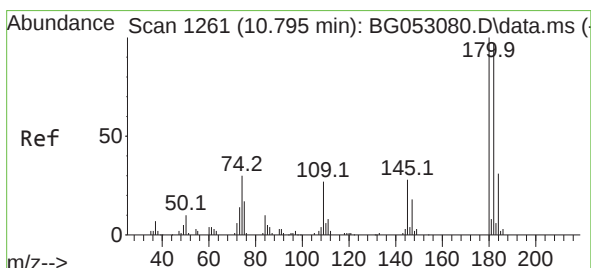
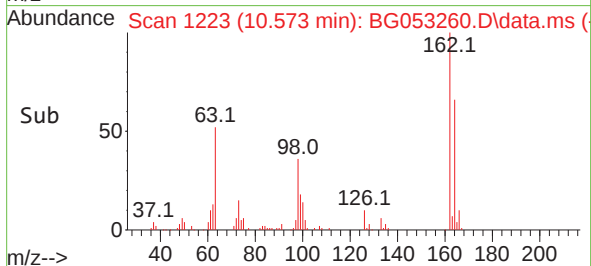
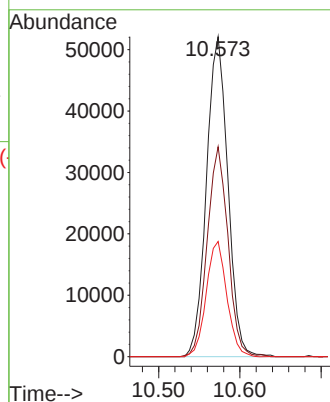
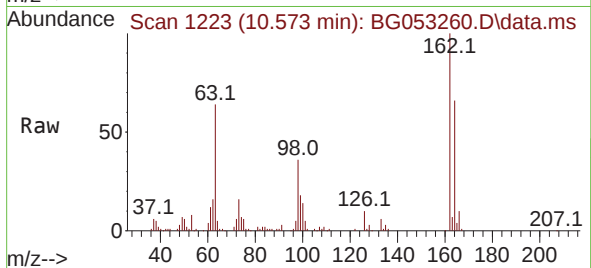
Tgt Ion:162	Resp:	95200
Ion Ratio	Lower	Upper
162	100	
164	65.6	44.0 84.0
98	36.0	17.3 57.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/25/2022

Supervised By :Jagrut Upadhyay 04/25/2022



#30

1,2,4-Trichlorobenzene

Concen: 46.399 ng

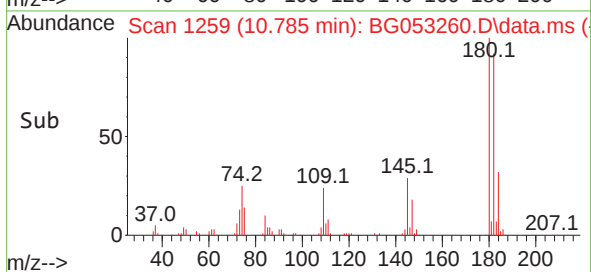
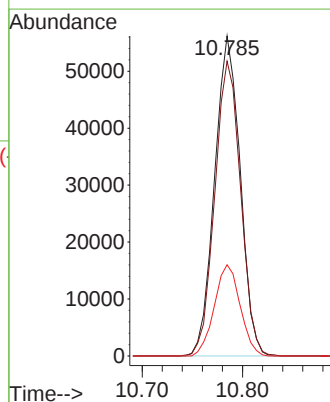
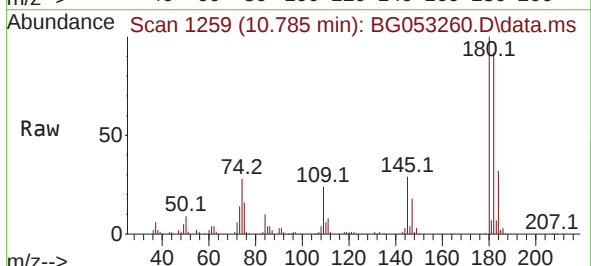
RT: 10.785 min Scan# 1259

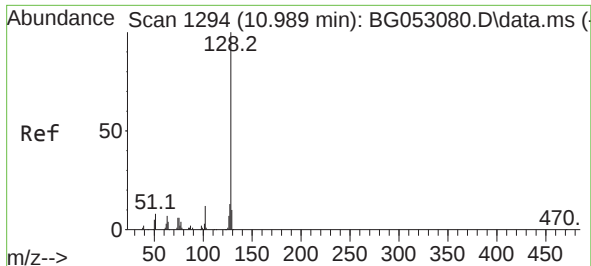
Delta R.T. -0.002 min

Lab File: BG053260.D

Acq: 22 Apr 2022 14:22

Tgt Ion:180	Resp:	99253
Ion Ratio	Lower	Upper
180	100	
182	92.1	77.8 116.6
145	28.5	24.4 36.6





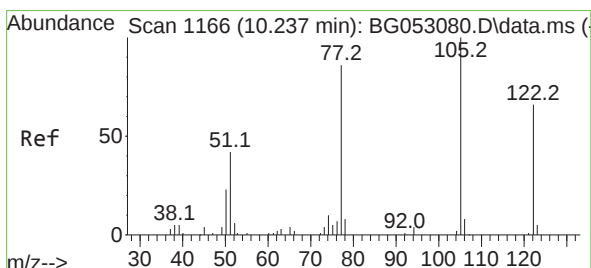
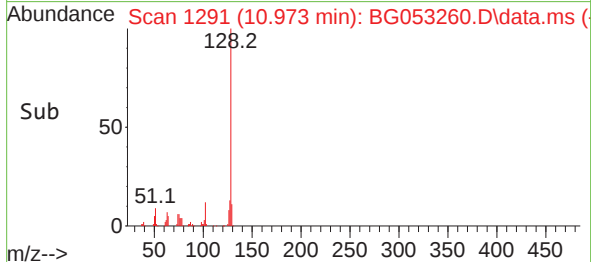
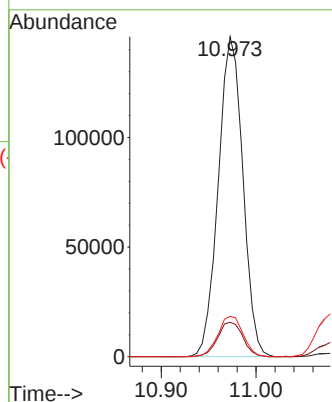
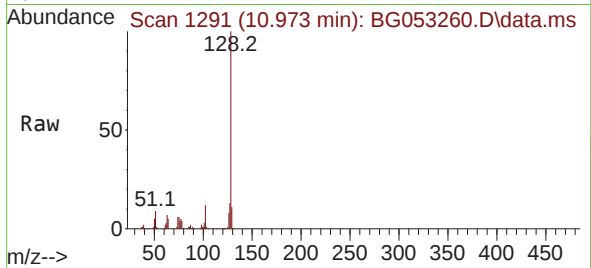
#31
Naphthalene
Concen: 47.031 ng
RT: 10.973 min Scan# 1168
Delta R.T. -0.002 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22

Instrument :
BNA_G
ClientSampleId :
MH-1DMSD

Tgt Ion:128 Resp: 262950
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 12.6 10.5 15.7

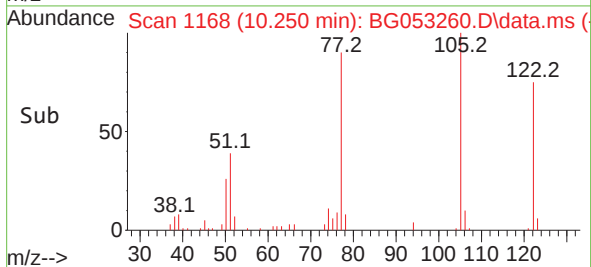
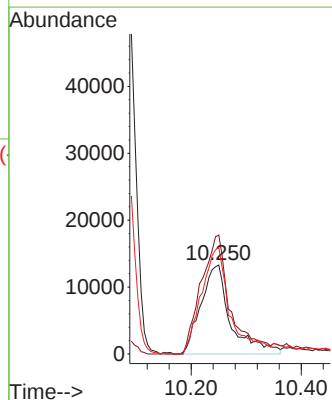
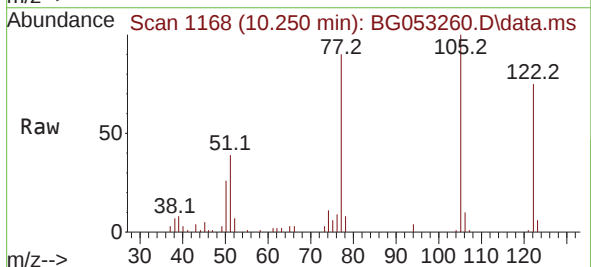
Manual Integrations
APPROVED

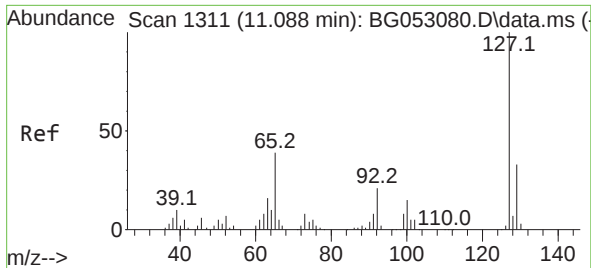
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#32
Benzoic acid
Concen: 50.797 ng
RT: 10.250 min Scan# 1168
Delta R.T. 0.016 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22

Tgt Ion:122 Resp: 49926
Ion Ratio Lower Upper
122 100
105 133.7 112.8 152.8
77 119.8 78.4 118.4#





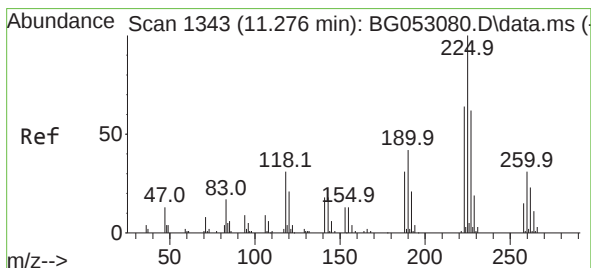
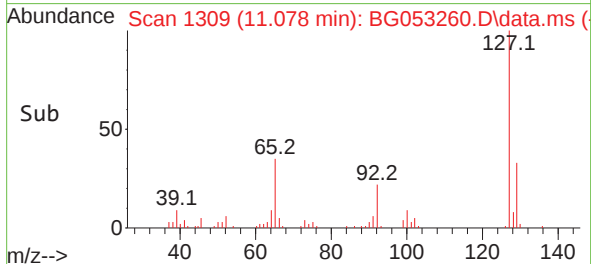
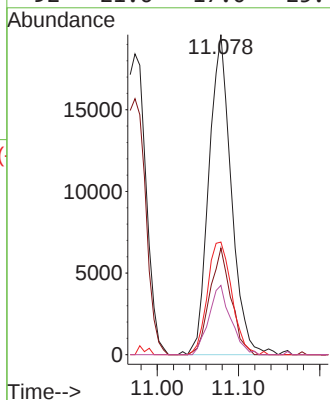
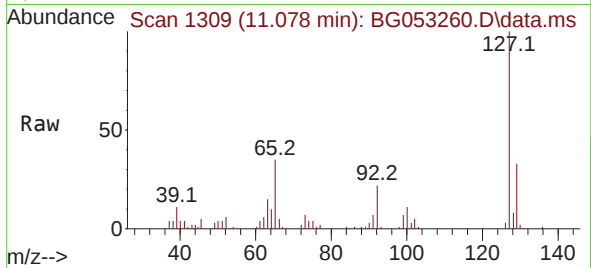
#33
4-Chloroaniline
Concen: 15.659 ng
RT: 11.078 min Scan# 1108
Delta R.T. 0.004 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22

Instrument :
BNA_G
ClientSampleId :
MH-1DMSD

Tgt Ion:127	Resp:	3749
Ion Ratio	Lower	Upper
127	100	
129	33.3	27.6 41.4
65	35.2	28.2 42.4
92	21.6	17.0 25.4

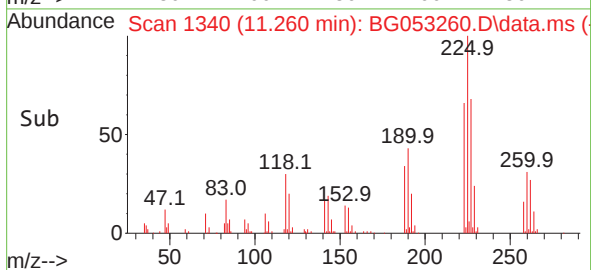
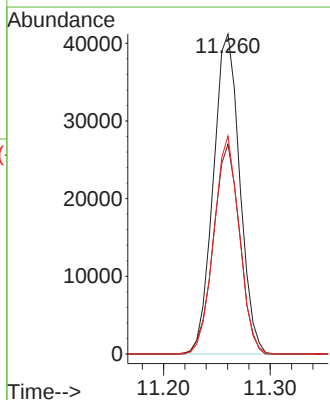
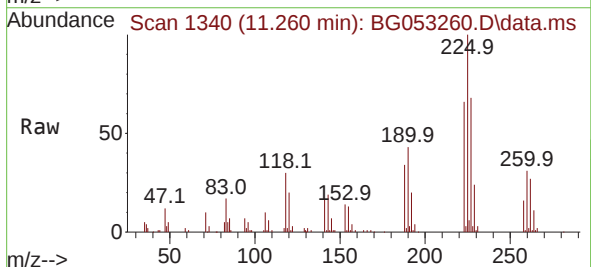
Manual Integrations
APPROVED

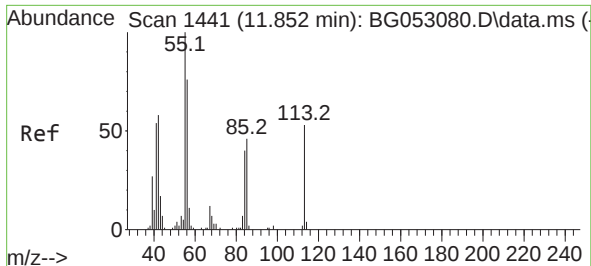
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#34
Hexachlorobutadiene
Concen: 44.571 ng
RT: 11.260 min Scan# 1340
Delta R.T. -0.002 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22

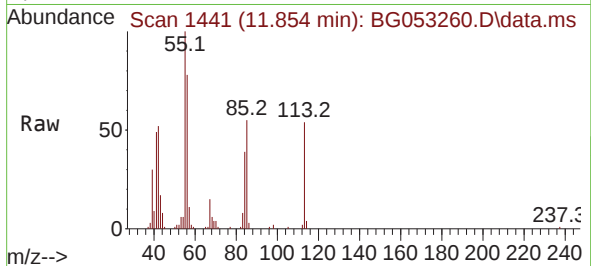
Tgt Ion:225	Resp:	70823
Ion Ratio	Lower	Upper
225	100	
223	65.5	50.2 75.2
227	68.2	52.0 78.0





#35
Caprolactam
Concen: 47.850 ng m
RT: 11.854 min Scan# 1441
Delta R.T. 0.004 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22

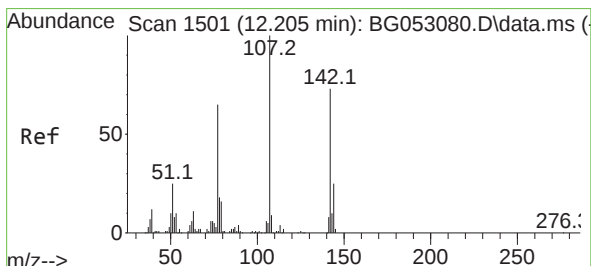
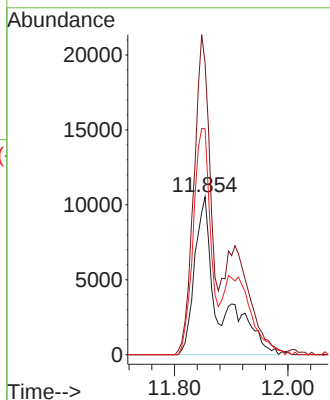
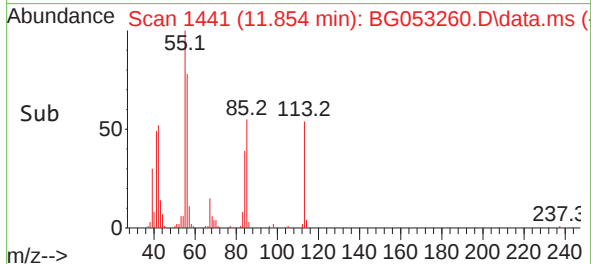
Instrument :
BNA_G
ClientSampleId :
MH-1DMSD



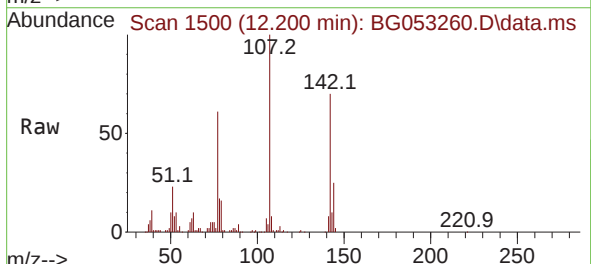
Tgt Ion:113 Resp: 31878
Ion Ratio Lower Upper
113 100
55 184.5 151.3 191.3
56 143.1 128.5 168.5

Manual Integrations
APPROVED

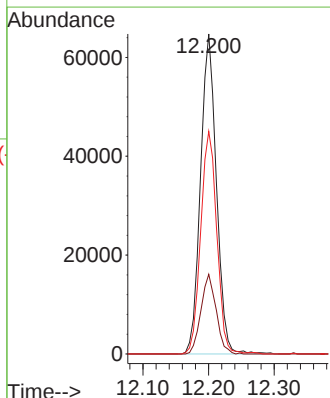
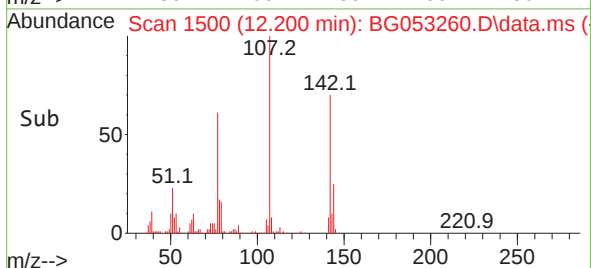
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022

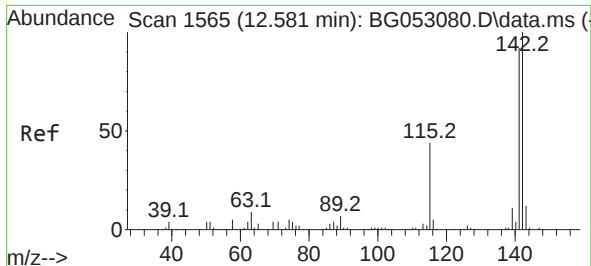


#36
4-Chloro-3-methylphenol
Concen: 49.640 ng
RT: 12.200 min Scan# 1500
Delta R.T. 0.004 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22



Tgt Ion:107 Resp: 109227
Ion Ratio Lower Upper
107 100
144 24.9 21.4 32.0
142 69.5 61.7 92.5





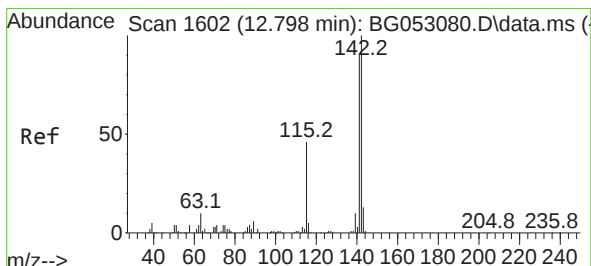
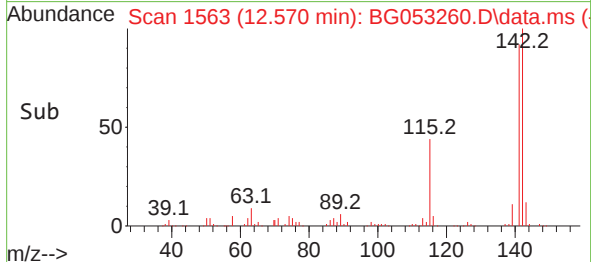
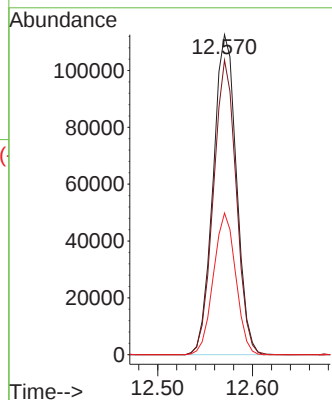
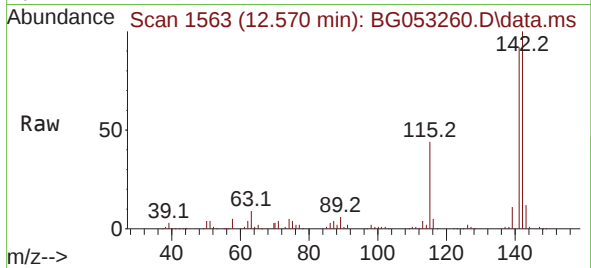
#37
2-Methylnaphthalene
Concen: 46.517 ng
RT: 12.570 min Scan# 1563
Delta R.T. -0.002 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22

Instrument :
BNA_G
ClientSampleId :
MH-1DMSD

Tgt Ion:142 Resp: 19244
Ion Ratio Lower Upper
142 100
141 92.0 71.3 106.9
115 44.2 29.5 44.3

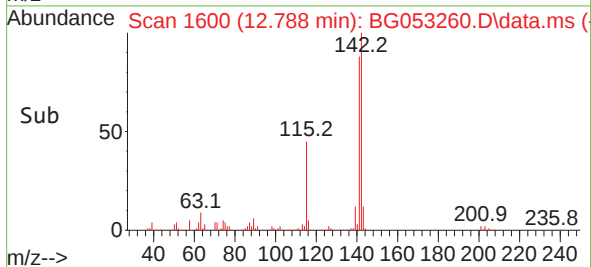
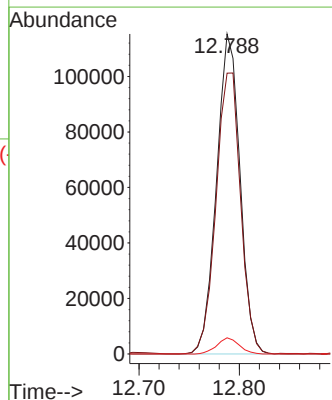
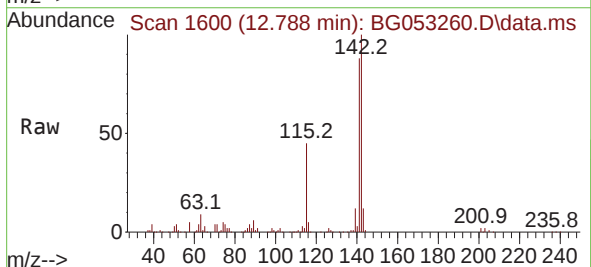
Manual Integrations
APPROVED

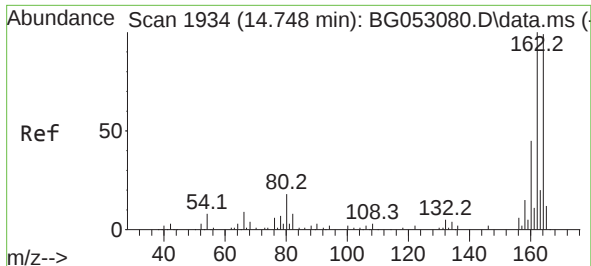
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#38
1-Methylnaphthalene
Concen: 46.246 ng
RT: 12.788 min Scan# 1600
Delta R.T. -0.002 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22

Tgt Ion:142 Resp: 186753
Ion Ratio Lower Upper
142 100
141 87.7 70.5 105.7
116 5.0 3.1 4.7#





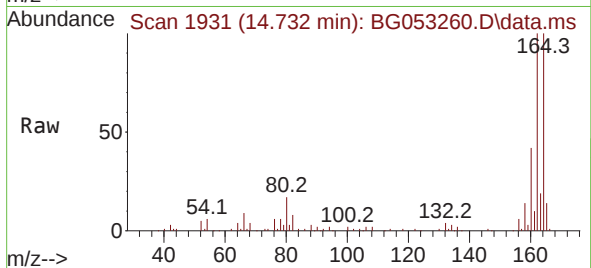
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.732 min Scan# 1934
Delta R.T. -0.002 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22

Instrument :

BNA_G

ClientSampleId :

MH-1DMSD

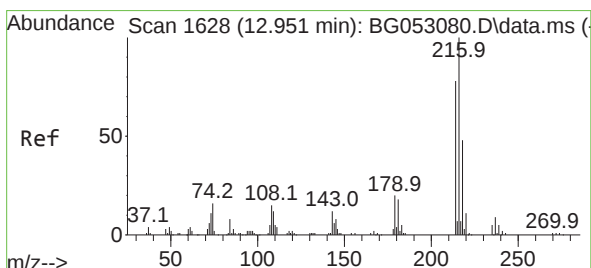
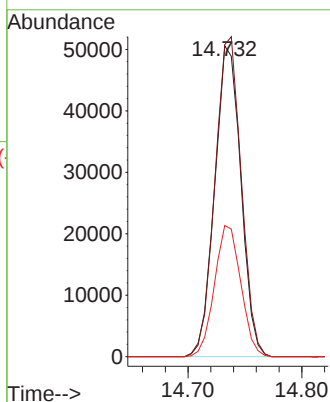
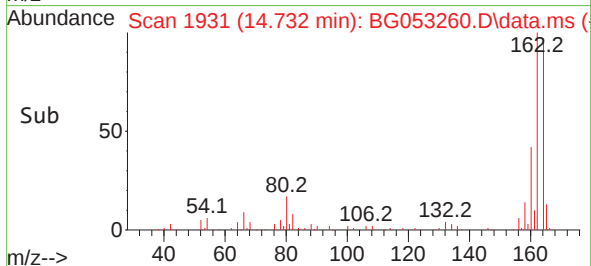


Tgt Ion:164 Resp: 80838
Ion Ratio Lower Upper
164 100
162 100.4 80.0 120.0
160 42.2 38.8 58.2

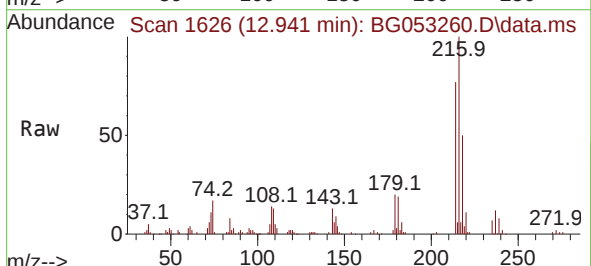
Manual Integrations

APPROVED

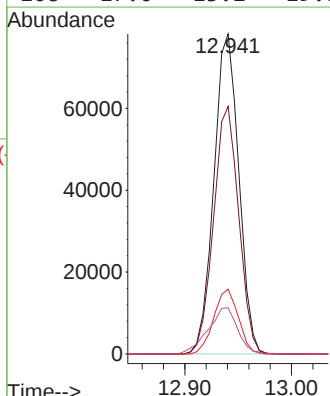
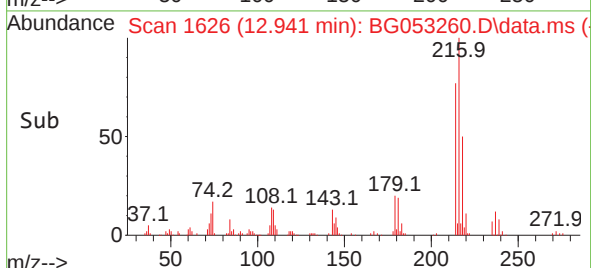
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022

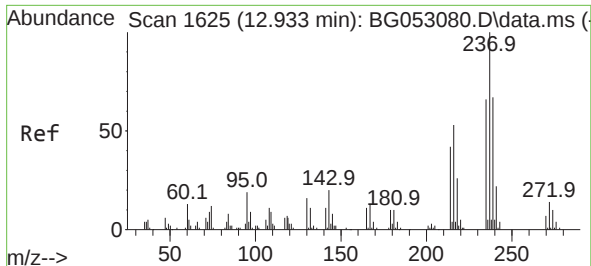


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.116 ng
RT: 12.941 min Scan# 1626
Delta R.T. -0.002 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22



Tgt Ion:216 Resp: 126614
Ion Ratio Lower Upper
216 100
214 78.2 63.8 95.6
179 20.1 15.7 23.5
108 17.0 13.2 19.8





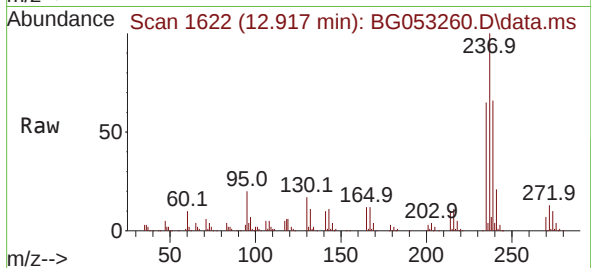
#41
Hexachlorocyclopentadiene
Concen: 94.189 ng
RT: 12.917 min Scan# 1622
Delta R.T. -0.002 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22

Instrument :

BNA_G

ClientSampleId :

MH-1DMSD

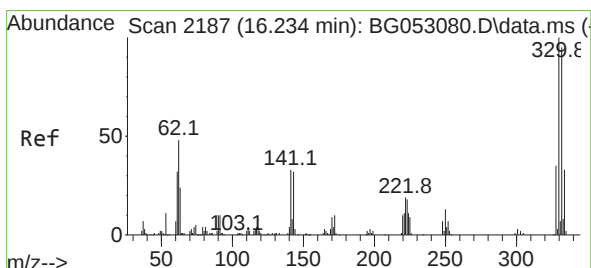
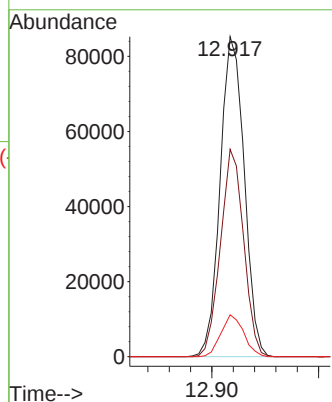
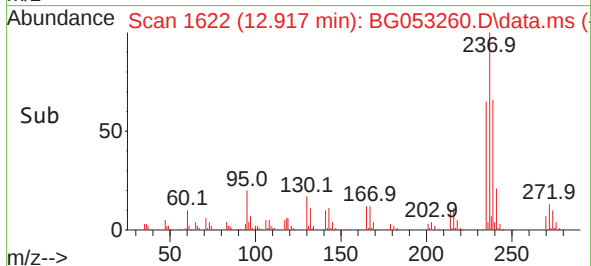


Tgt Ion:237 Resp: 133494
Ion Ratio Lower Upper
237 100
235 64.8 37.7 77.7
272 13.1 0.0 30.7

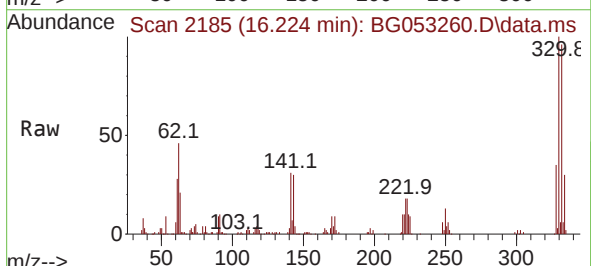
Manual Integrations

APPROVED

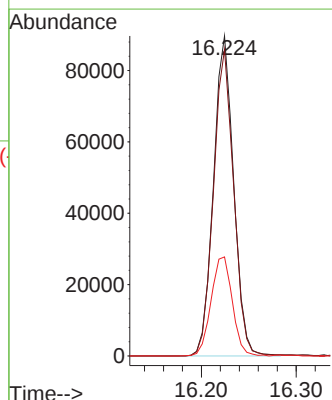
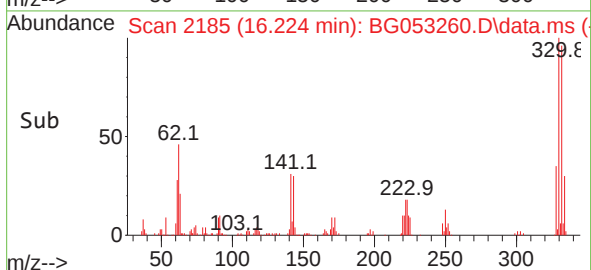
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022

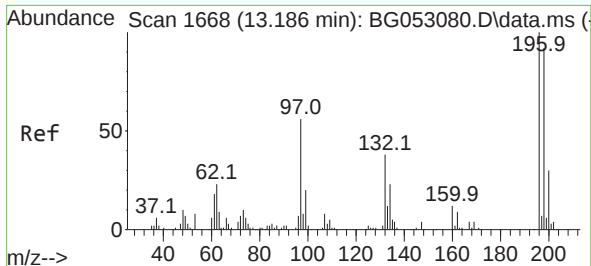


#42
2,4,6-Tribromophenol
Concen: 103.103 ng
RT: 16.224 min Scan# 2185
Delta R.T. -0.002 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22



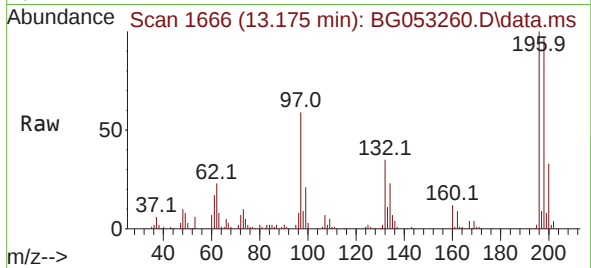
Tgt Ion:330 Resp: 132601
Ion Ratio Lower Upper
330 100
332 96.2 75.8 113.6
141 32.6 24.6 36.8





#43
2,4,6-Trichlorophenol
Concen: 46.197 ng
RT: 13.175 min Scan# 1666
Delta R.T. -0.002 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22

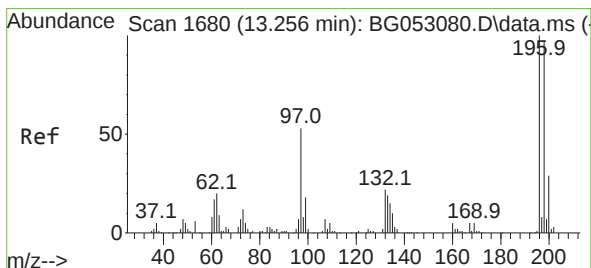
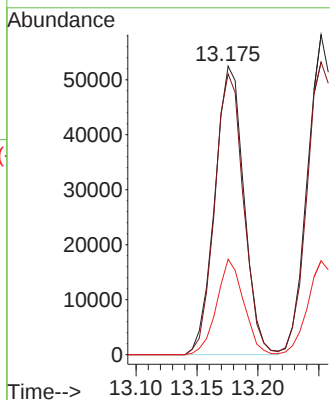
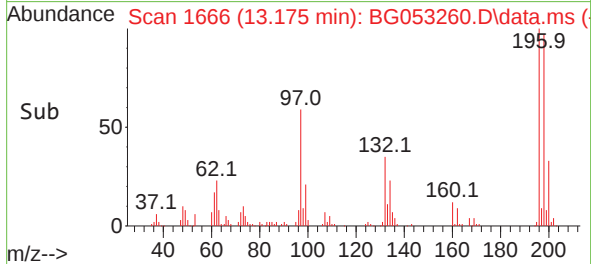
Instrument :
BNA_G
ClientSampleId :
MH-1DMSD



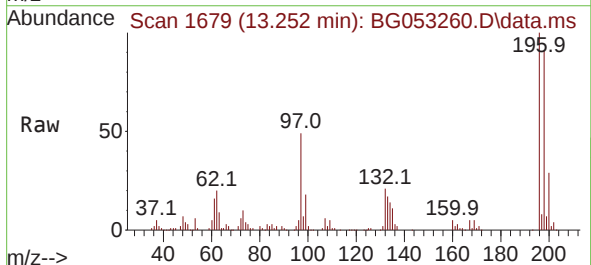
Tgt Ion:196 Resp: 87449
Ion Ratio Lower Upper
196 100
198 97.4 78.8 118.2
200 33.1 25.1 37.7

Manual Integrations
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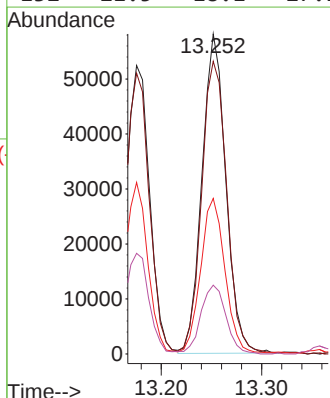
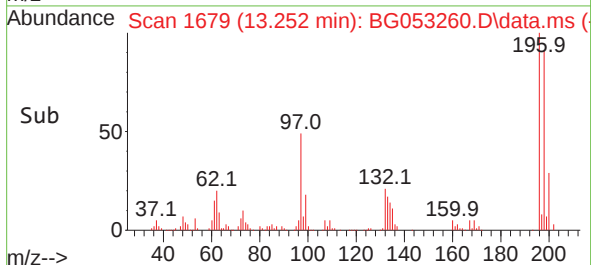
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022

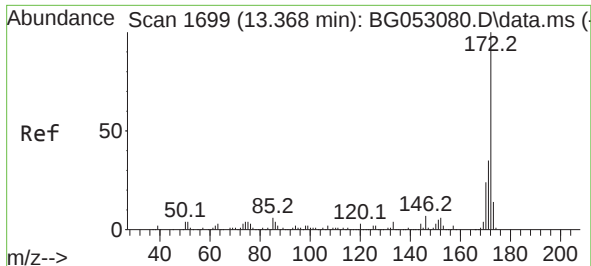


#44
2,4,5-Trichlorophenol
Concen: 47.672 ng
RT: 13.252 min Scan# 1679
Delta R.T. -0.002 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22



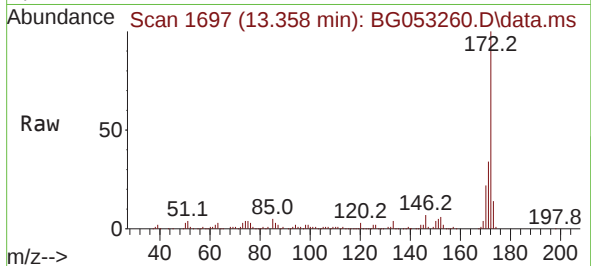
Tgt Ion:196 Resp: 96163
Ion Ratio Lower Upper
196 100
198 91.5 75.8 113.6
97 48.6 36.5 54.7
132 21.5 18.1 27.1





#45
2-Fluorobiphenyl
Concen: 64.668 ng
RT: 13.358 min Scan# 1699
Delta R.T. -0.002 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22

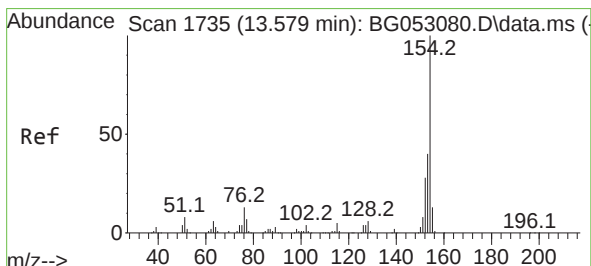
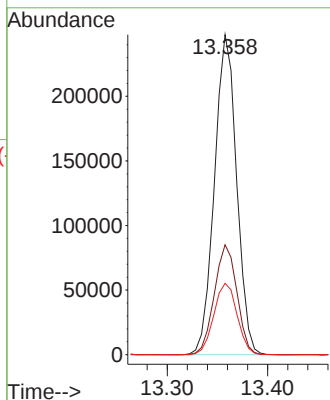
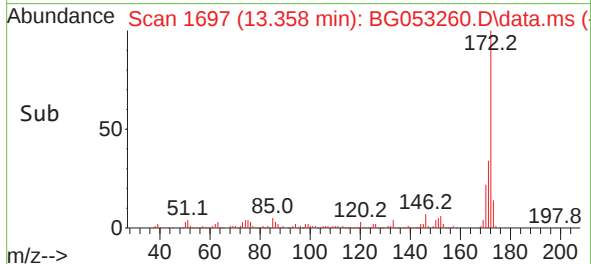
Instrument :
BNA_G
ClientSampleId :
MH-1DMSD



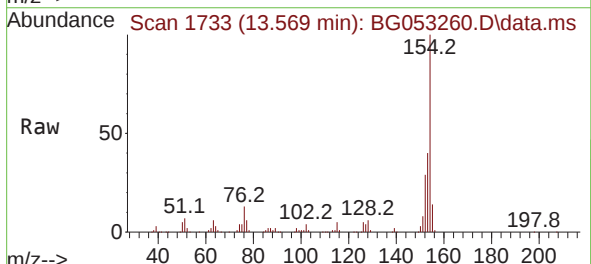
Tgt Ion:172 Resp: 379115
Ion Ratio Lower Upper
172 100
171 34.4 28.3 42.5
170 22.3 18.0 27.0

Manual Integrations
APPROVED

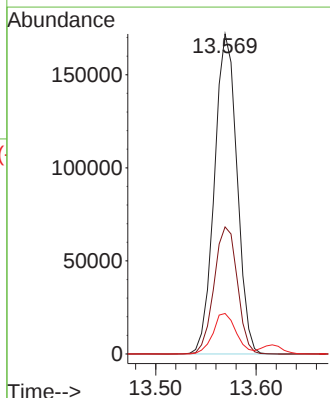
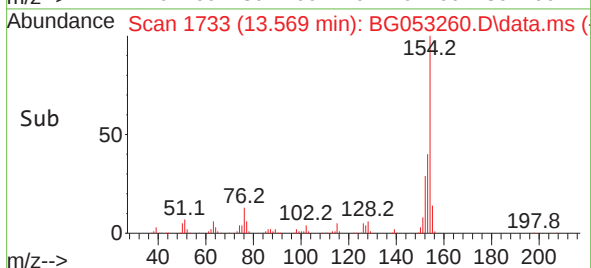
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022

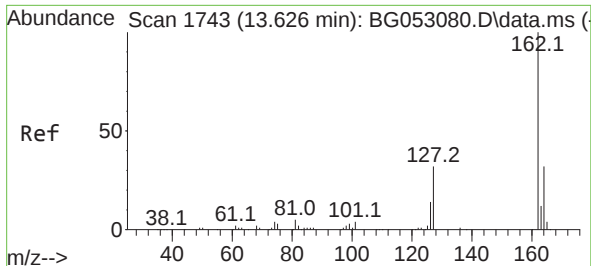


#46
1,1'-Biphenyl
Concen: 46.082 ng
RT: 13.569 min Scan# 1733
Delta R.T. -0.002 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22



Tgt Ion:154 Resp: 268263
Ion Ratio Lower Upper
154 100
153 39.7 21.6 61.6
76 12.7 0.0 31.5





#47
2-Chloronaphthalene
Concen: 45.437 ng
RT: 13.616 min Scan# 1743
Delta R.T. -0.002 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22

Instrument :

BNA_G

ClientSampleId :

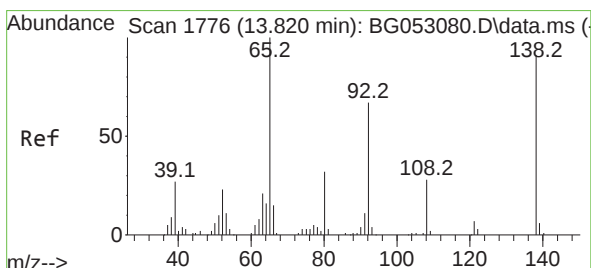
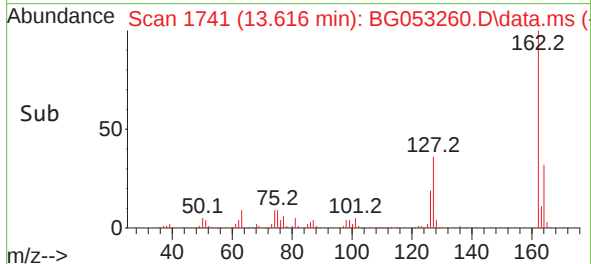
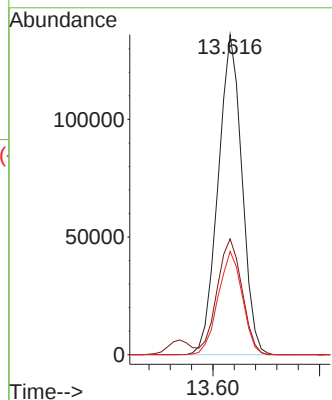
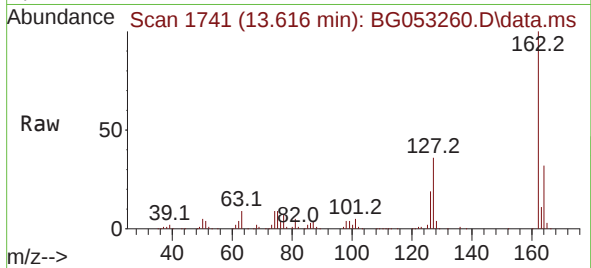
MH-1DMSD

Tgt Ion:162 Resp: 21103
Ion Ratio Lower Upper
162 100
127 36.2 28.1 42.1
164 32.2 26.0 39.0

Manual Integrations

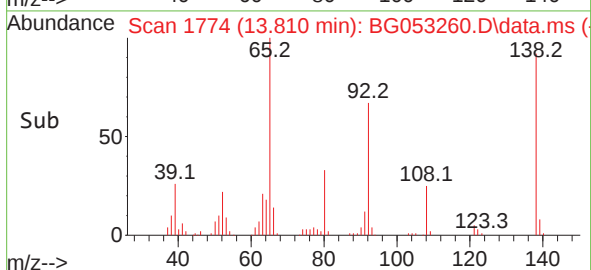
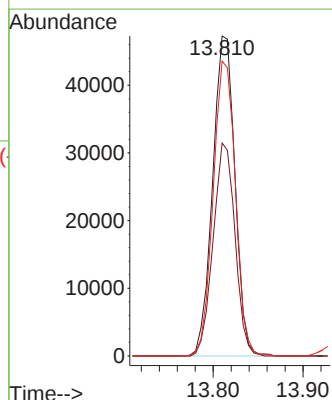
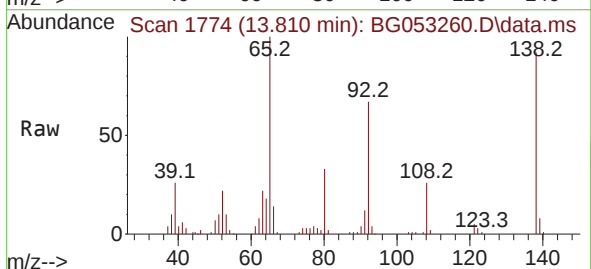
APPROVED

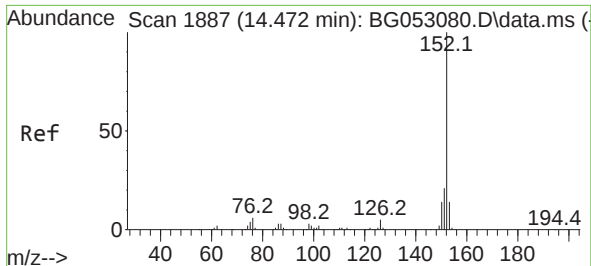
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#48
2-Nitroaniline
Concen: 46.094 ng
RT: 13.810 min Scan# 1774
Delta R.T. -0.002 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22

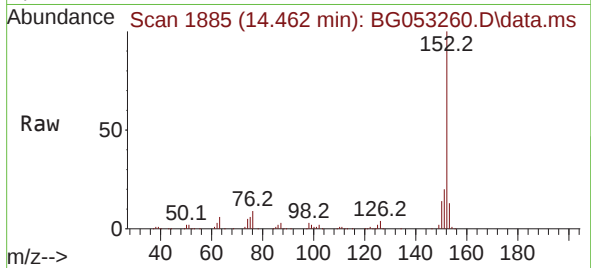
Tgt Ion: 65 Resp: 81244
Ion Ratio Lower Upper
65 100
92 66.6 52.1 78.1
138 92.1 80.1 120.1





#49
Acenaphthylene
Concen: 49.442 ng
RT: 14.462 min Scan# 1885
Delta R.T. 0.004 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22

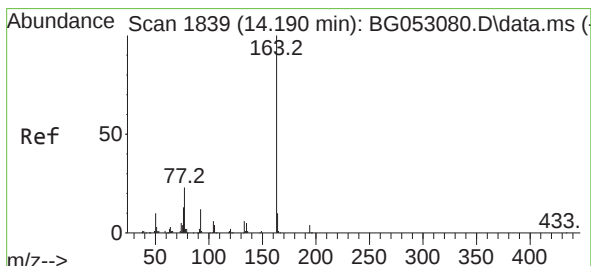
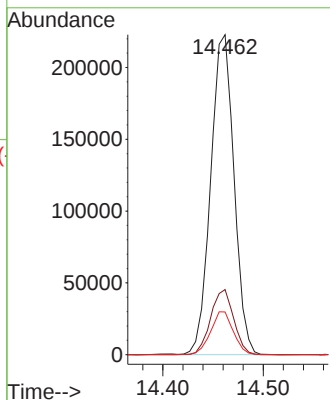
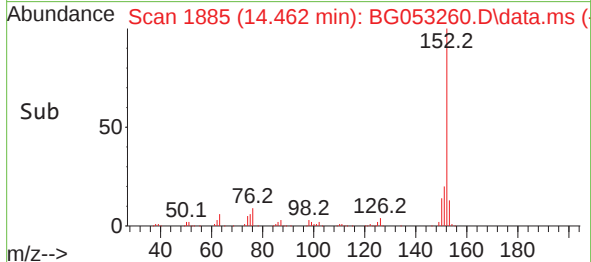
Instrument :
BNA_G
ClientSampleId :
MH-1DMSD



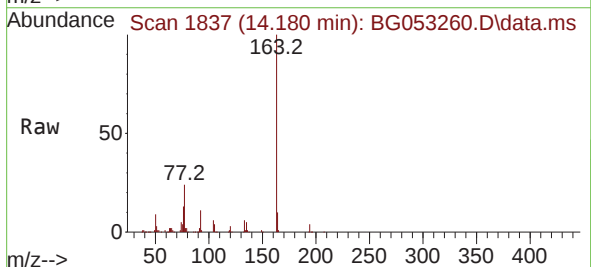
Tgt Ion:152 Resp: 359470
Ion Ratio Lower Upper
152 100
151 20.4 15.8 23.6
153 13.3 10.6 15.8

Manual Integrations
APPROVED

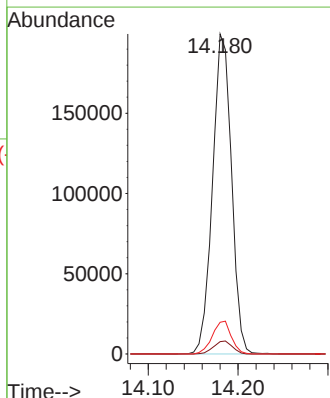
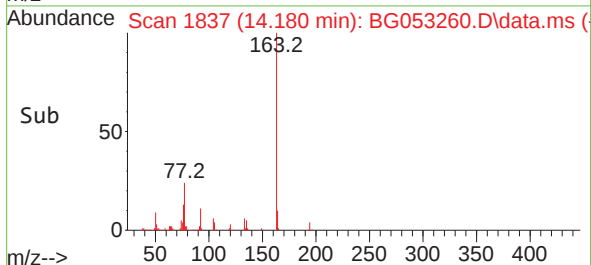
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022

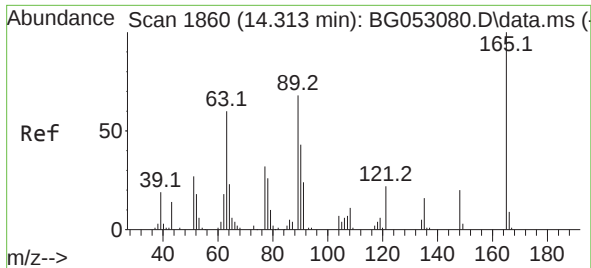


#50
Dimethylphthalate
Concen: 45.117 ng
RT: 14.180 min Scan# 1837
Delta R.T. -0.002 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22



Tgt Ion:163 Resp: 291716
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 9.9 8.5 12.7





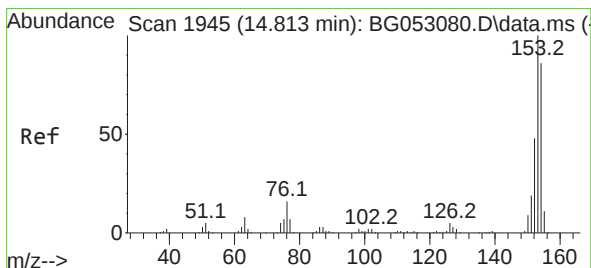
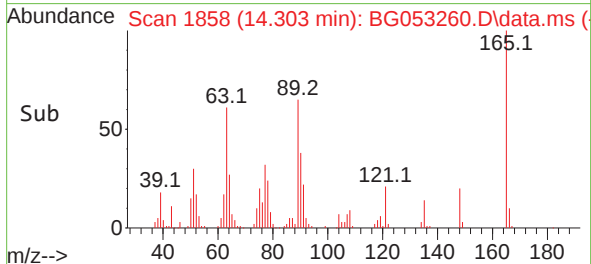
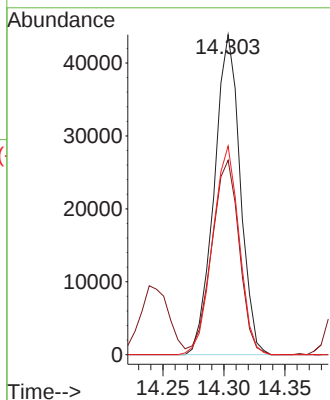
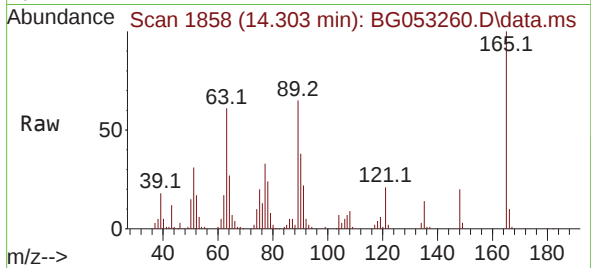
#51
2,6-Dinitrotoluene
Concen: 48.303 ng
RT: 14.303 min Scan# 1858
Delta R.T. -0.002 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22

Instrument :
BNA_G
ClientSampleId :
MH-1DMSD

Tgt Ion:165 Resp: 65158
Ion Ratio Lower Upper
165 100
63 60.7 43.7 65.5
89 65.2 45.0 67.4

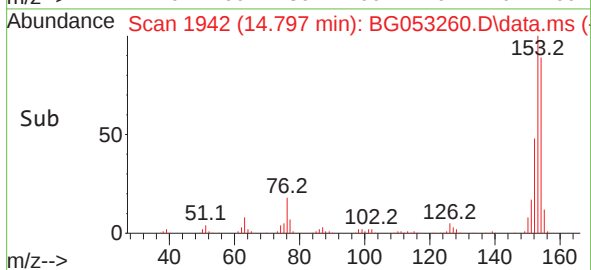
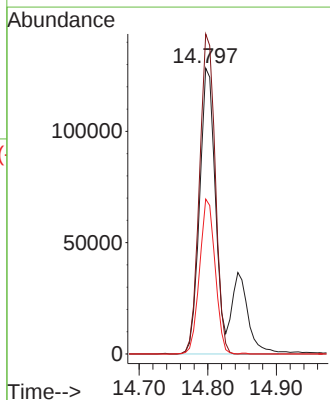
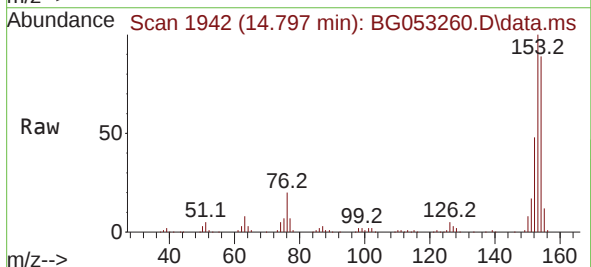
Manual Integrations
APPROVED

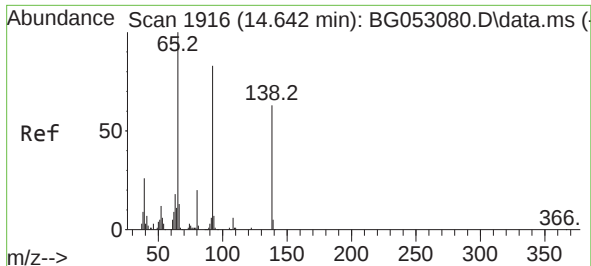
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#52
Acenaphthene
Concen: 53.482 ng m
RT: 14.797 min Scan# 1942
Delta R.T. -0.002 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22

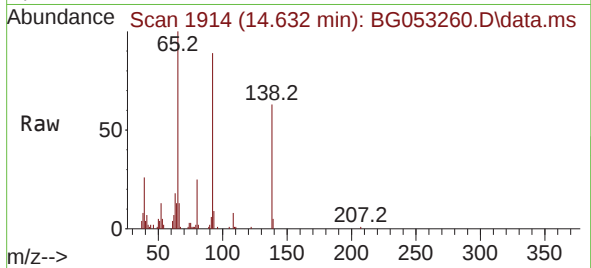
Tgt Ion:154 Resp: 263689
Ion Ratio Lower Upper
154 100
153 112.0 89.0 133.4
152 54.2 40.5 60.7





#53
3-Nitroaniline
Concen: 18.450 ng
RT: 14.632 min Scan# 1914
Delta R.T. -0.002 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22

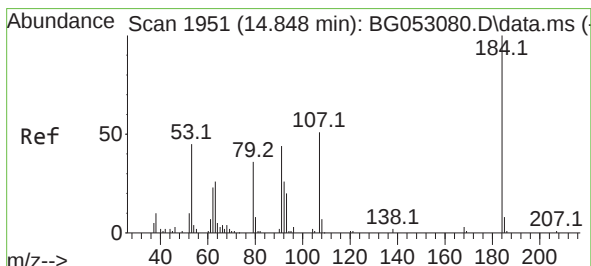
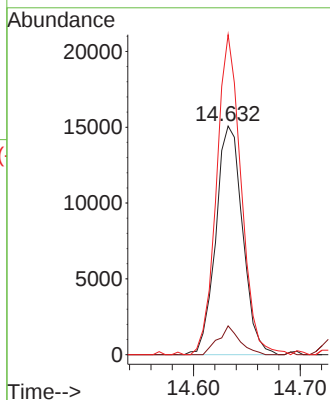
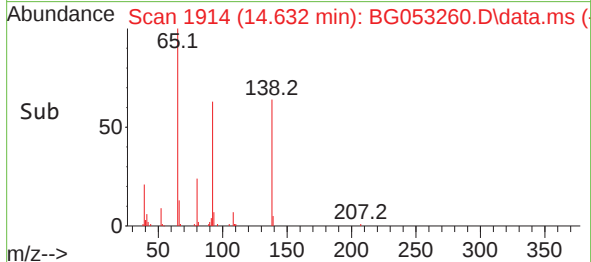
Instrument :
BNA_G
ClientSampleId :
MH-1DMSD



Tgt Ion:138 Resp: 2631
Ion Ratio Lower Upper
138 100
108 12.6 8.0 12.0
92 140.0 96.2 144.2

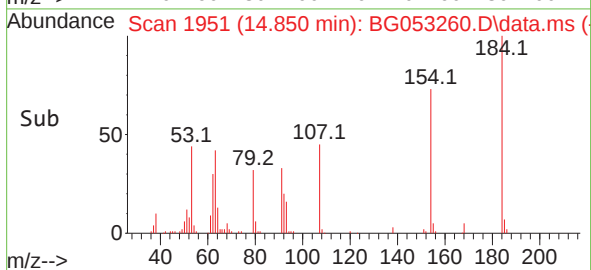
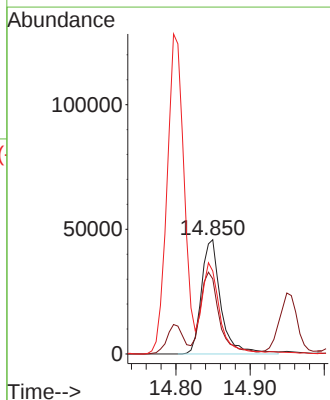
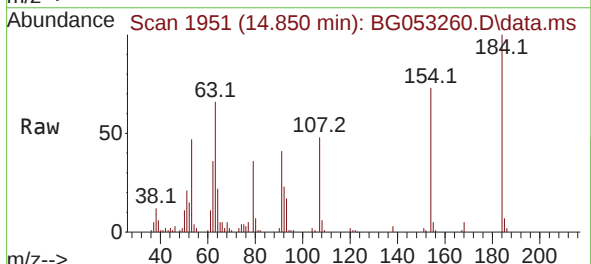
Manual Integrations
APPROVED

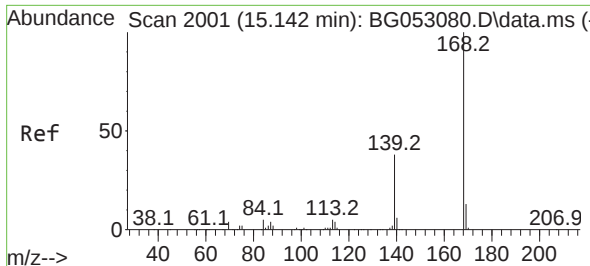
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#54
2,4-Dinitrophenol
Concen: 97.566 ng
RT: 14.850 min Scan# 1951
Delta R.T. 0.004 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22

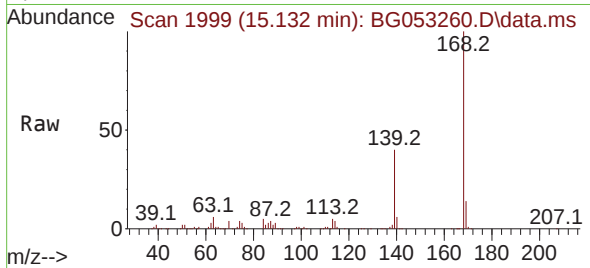
Tgt Ion:184 Resp: 83737
Ion Ratio Lower Upper
184 100
63 65.7 51.8 77.6
154 72.5 47.8 71.6#





#55
Dibenzenofuran
Concen: 44.745 ng
RT: 15.132 min Scan# 1999
Delta R.T. -0.002 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22

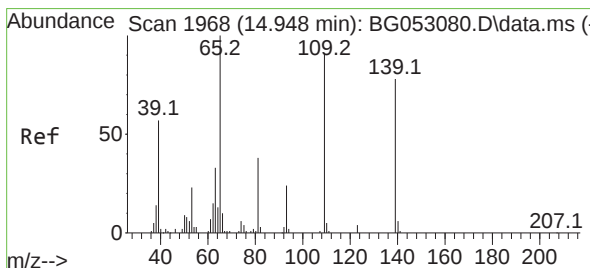
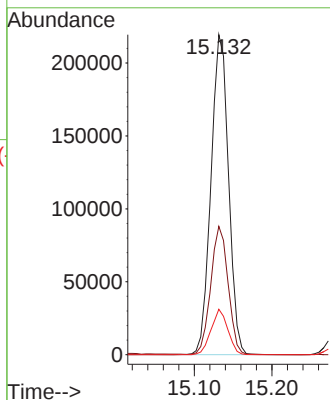
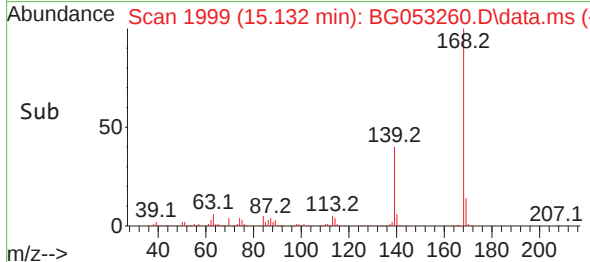
Instrument :
BNA_G
ClientSampleId :
MH-1DMSD



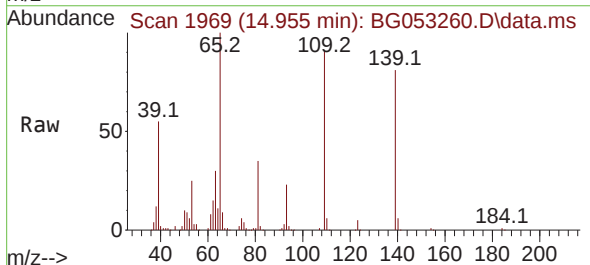
Tgt Ion:168 Resp: 34544
Ion Ratio Lower Upper
168 100
139 40.1 30.2 45.4
169 14.2 10.7 16.1

Manual Integrations
APPROVED

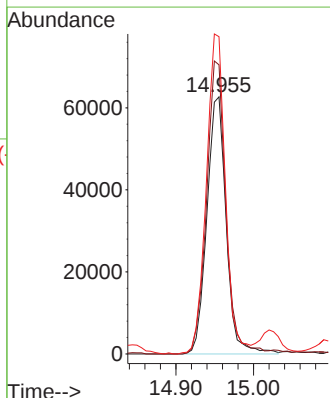
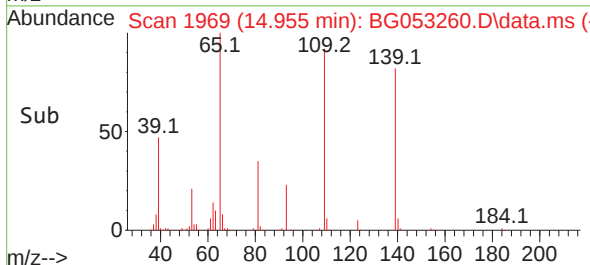
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022

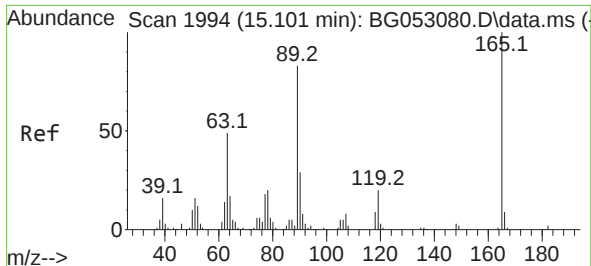


#56
4-Nitrophenol
Concen: 99.765 ng
RT: 14.955 min Scan# 1969
Delta R.T. 0.010 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22



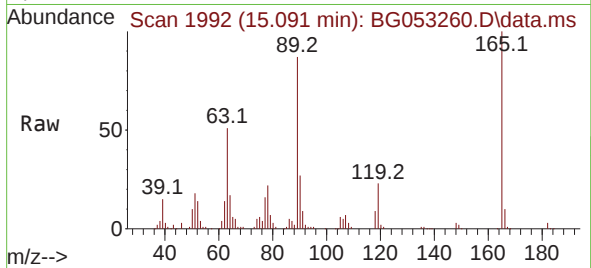
Tgt Ion:139 Resp: 108524
Ion Ratio Lower Upper
139 100
109 112.5 67.1 107.1#
65 123.4 88.2 128.2





#57
2,4-Dinitrotoluene
Concen: 47.651 ng
RT: 15.091 min Scan# 1992
Delta R.T. -0.002 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22

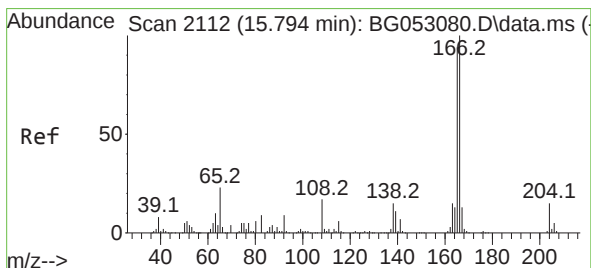
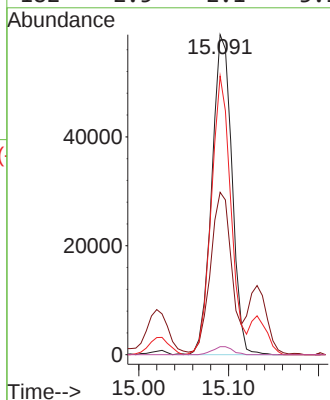
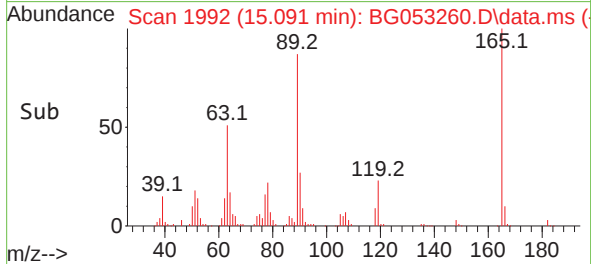
Instrument :
BNA_G
ClientSampleId :
MH-1DMSD



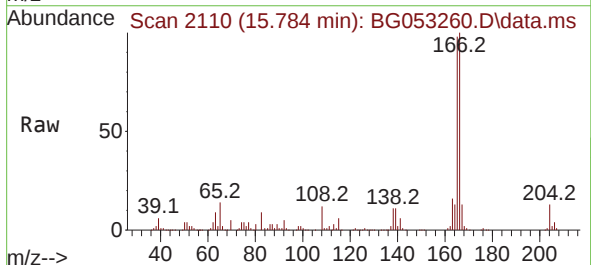
Tgt Ion:165 Resp: 9150
Ion Ratio Lower Upper
165 100
63 50.8 34.8 52.2
89 87.1 57.4 86.0
182 2.5 2.1 3.1

Manual Integrations
APPROVED

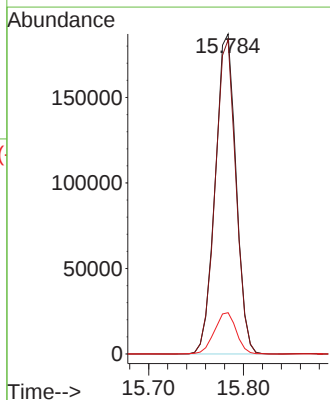
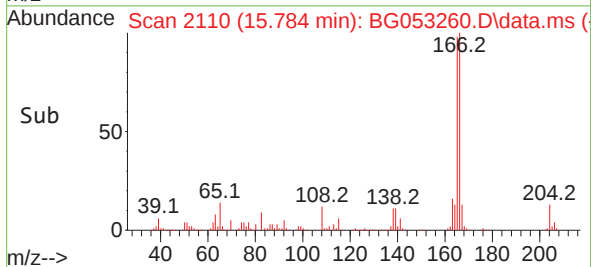
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022

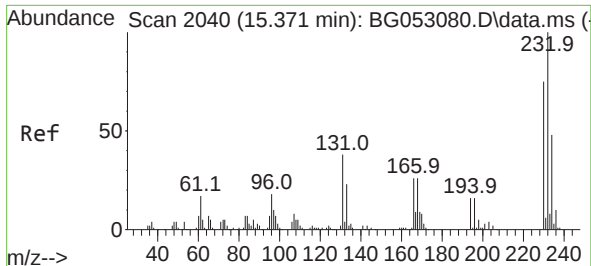


#58
Fluorene
Concen: 45.768 ng
RT: 15.784 min Scan# 2110
Delta R.T. 0.004 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22



Tgt Ion:166 Resp: 285384
Ion Ratio Lower Upper
166 100
165 98.2 78.6 117.8
167 12.9 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.364 ng
RT: 15.361 min Scan# 2038
Delta R.T. -0.002 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22

Instrument :

BNA_G

ClientSampleId :

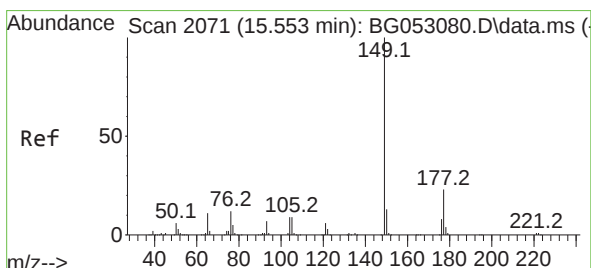
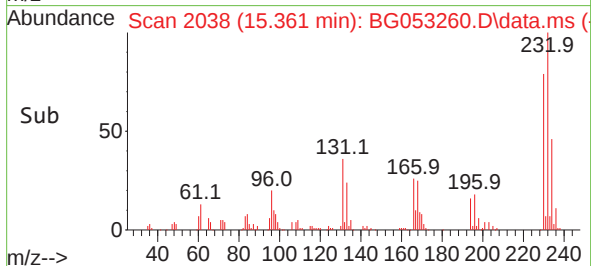
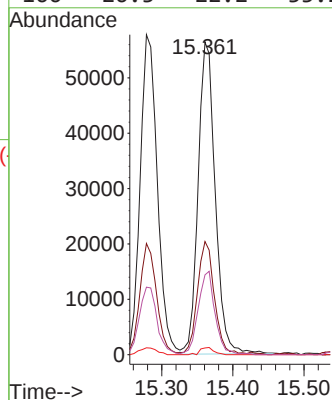
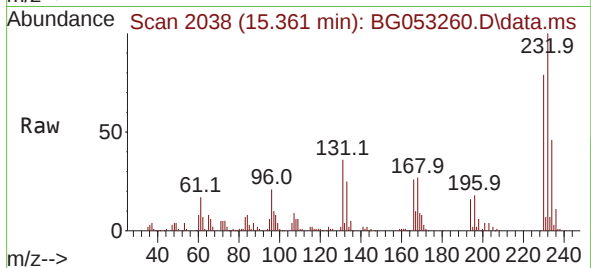
MH-1DMSD

Tgt Ion:232 Resp: 9474
Ion Ratio Lower Upper
232 100
131 35.1 30.1 45.1
130 1.8 1.8 2.8
166 26.3 22.2 33.2

Manual Integrations

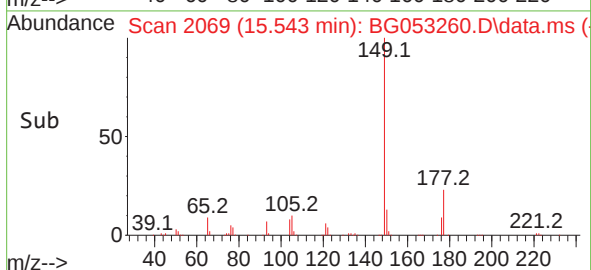
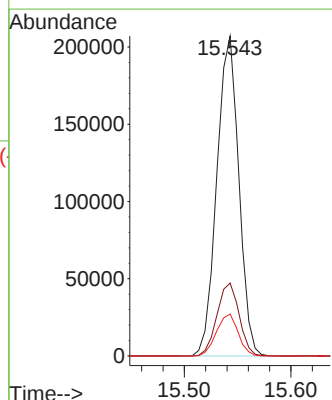
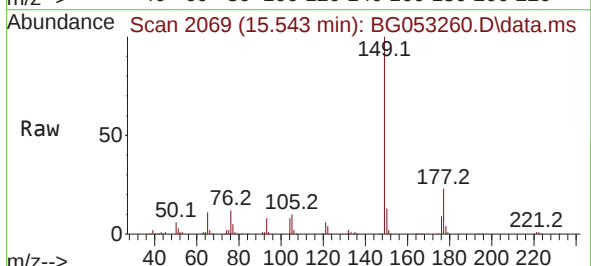
APPROVED

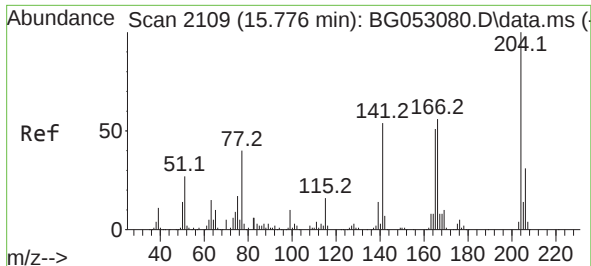
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#60
Diethylphthalate
Concen: 43.712 ng
RT: 15.543 min Scan# 2069
Delta R.T. 0.004 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22

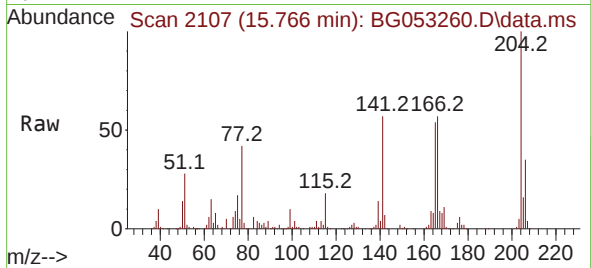
Tgt Ion:149 Resp: 296124
Ion Ratio Lower Upper
149 100
177 22.8 18.2 27.2
150 13.1 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 45.275 ng
RT: 15.766 min Scan# 2107
Delta R.T. -0.002 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22

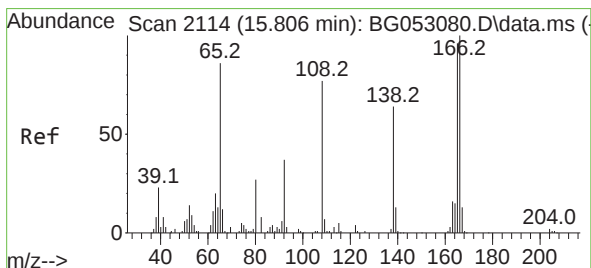
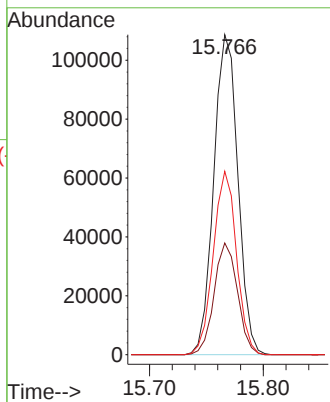
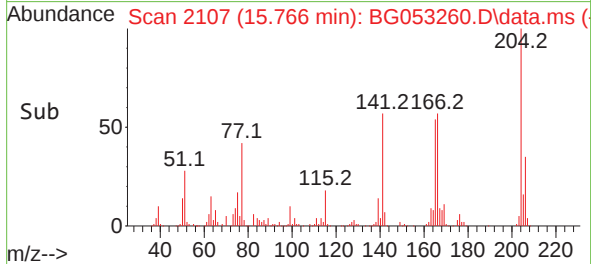
Instrument :
BNA_G
ClientSampleId :
MH-1DMSD



Tgt Ion:204 Resp: 160034
Ion Ratio Lower Upper
204 100
206 34.9 28.3 42.5
141 57.3 45.8 68.8

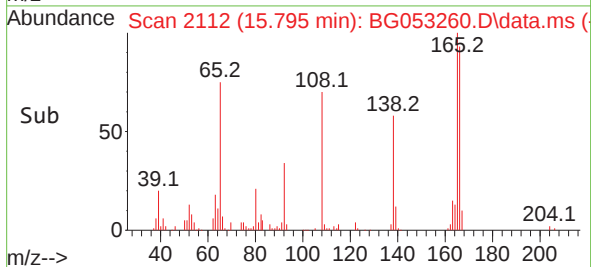
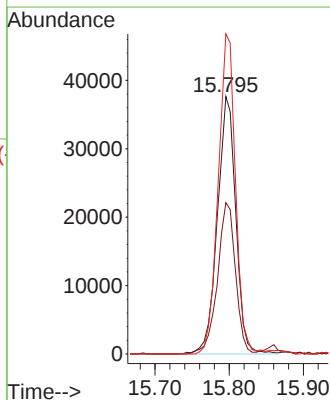
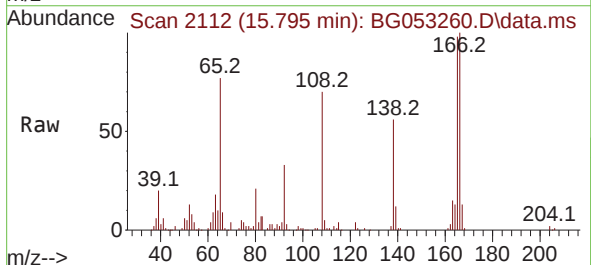
Manual Integrations
APPROVED

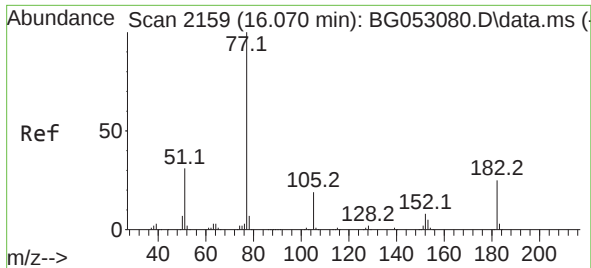
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#62
4-Nitroaniline
Concen: 43.097 ng
RT: 15.795 min Scan# 2112
Delta R.T. -0.002 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22

Tgt Ion:138 Resp: 64864
Ion Ratio Lower Upper
138 100
92 58.8 33.3 73.3
108 124.3 74.2 114.2#





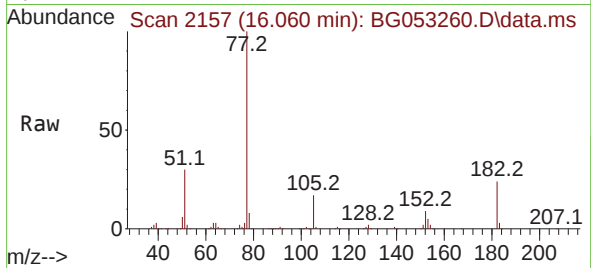
#63
Azobenzene
Concen: 44.181 ng
RT: 16.060 min Scan# 2159
Delta R.T. -0.002 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22

Instrument :

BNA_G

ClientSampleId :

MH-1DMSD

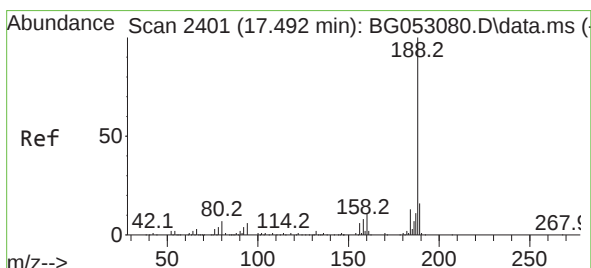
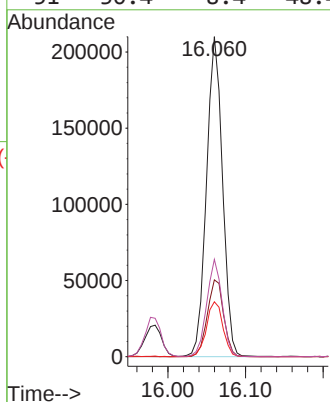
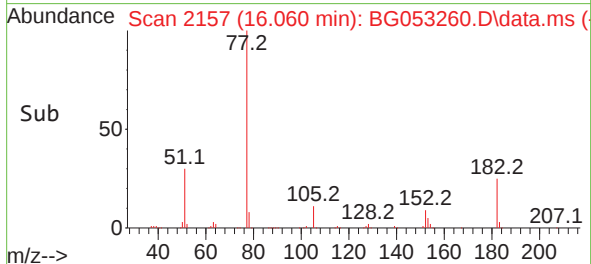


Tgt Ion: 77 Resp: 301762
Ion Ratio Lower Upper
77 100
182 24.0 5.6 45.6
105 17.1 0.0 38.8
51 30.4 8.4 48.4

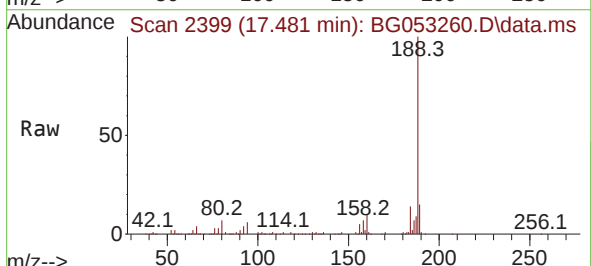
Manual Integrations

APPROVED

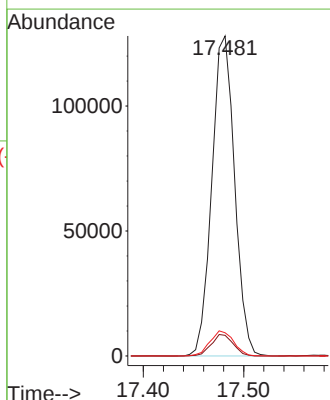
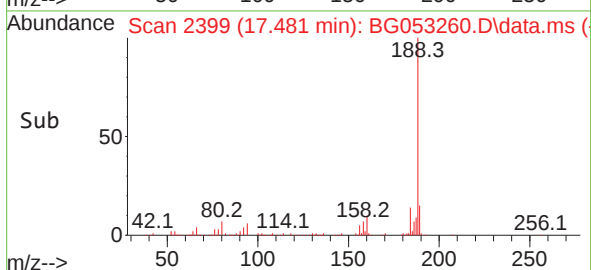
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022

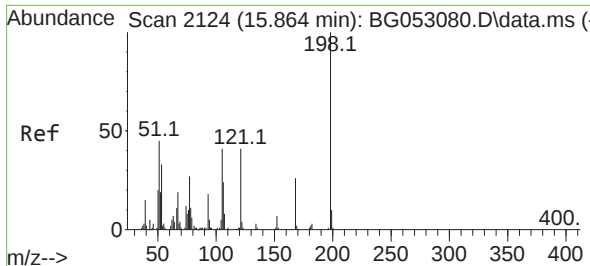


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.481 min Scan# 2399
Delta R.T. -0.002 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22



Tgt Ion:188 Resp: 201693
Ion Ratio Lower Upper
188 100
94 6.4 5.7 8.5
80 7.3 7.2 10.8





#65
4,6-Dinitro-2-methylphenol
Concen: 42.523 ng
RT: 15.860 min Scan# 2124
Delta R.T. -0.002 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22

Instrument :

BNA_G

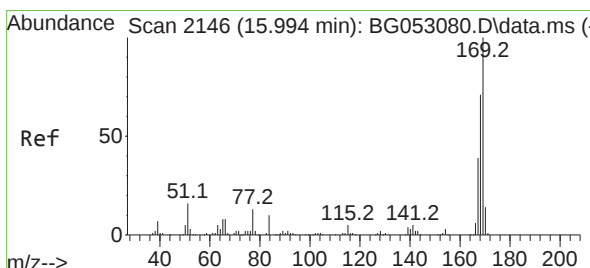
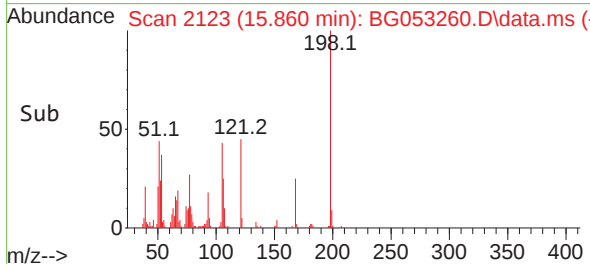
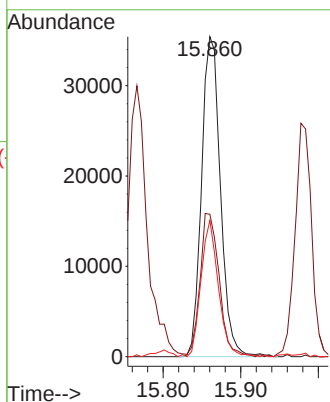
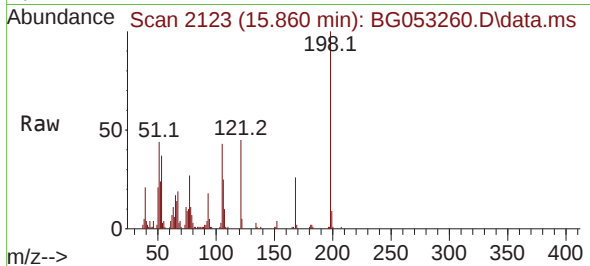
ClientSampleId :

MH-1DMSD

Tgt Ion:198 Resp: 5983
Ion Ratio Lower Upper
198 100
51 44.5 21.7 61.7
105 42.6 20.8 60.8

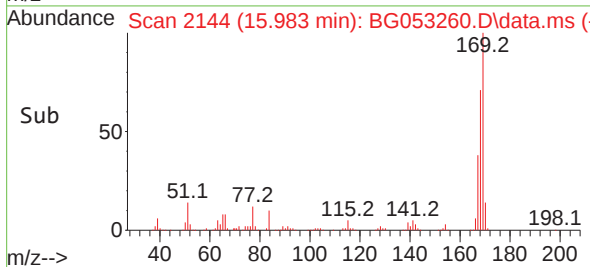
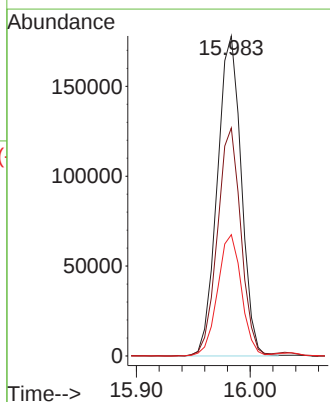
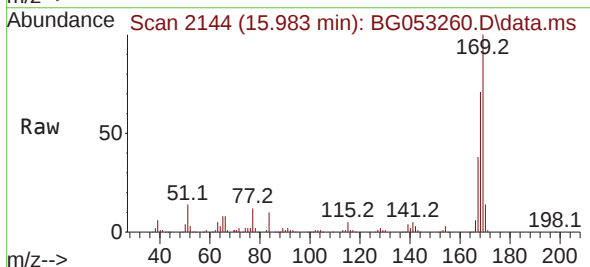
Manual Integrations
APPROVED

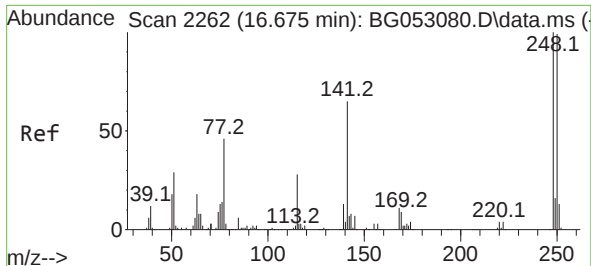
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#66
n-Nitrosodiphenylamine
Concen: 44.968 ng
RT: 15.983 min Scan# 2144
Delta R.T. -0.002 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22

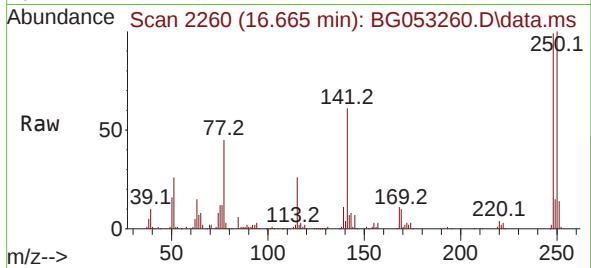
Tgt Ion:169 Resp: 260817
Ion Ratio Lower Upper
169 100
168 71.2 54.5 81.7
167 37.9 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 44.451 ng
RT: 16.665 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22

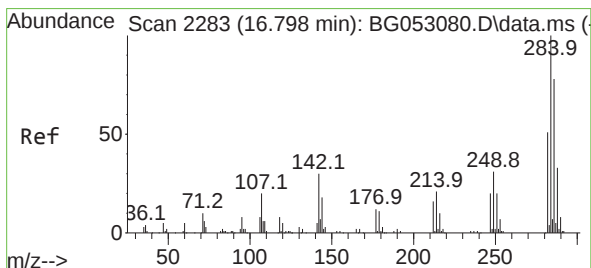
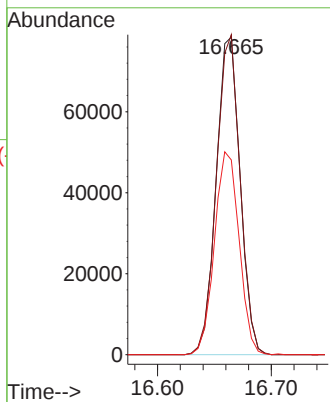
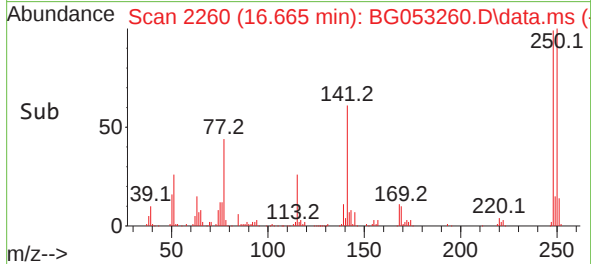
Instrument :
BNA_G
ClientSampleId :
MH-1DMSD



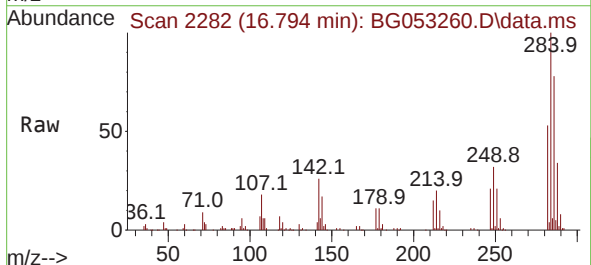
Tgt Ion:248 Resp: 114879
Ion Ratio Lower Upper
248 100
250 100.8 77.9 116.9
141 61.3 49.2 73.8

Manual Integrations
APPROVED

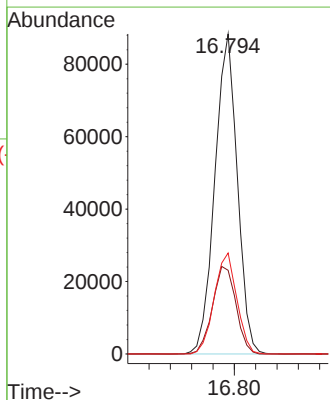
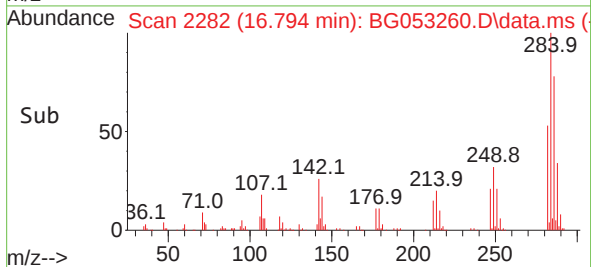
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022

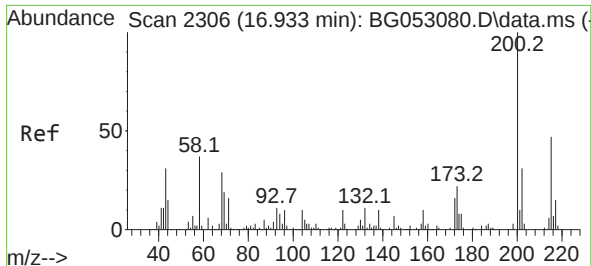


#68
Hexachlorobenzene
Concen: 46.039 ng
RT: 16.794 min Scan# 2282
Delta R.T. 0.004 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22



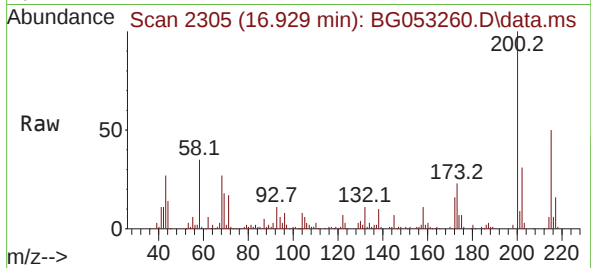
Tgt Ion:284 Resp: 128852
Ion Ratio Lower Upper
284 100
142 26.2 21.0 31.4
249 31.6 22.7 34.1





#69
 Atrazine
 Concen: 50.818 ng
 RT: 16.929 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: BG053260.D
 Acq: 22 Apr 2022 14:22

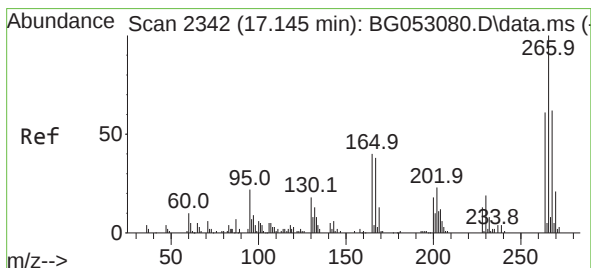
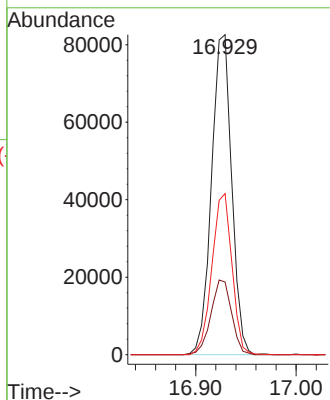
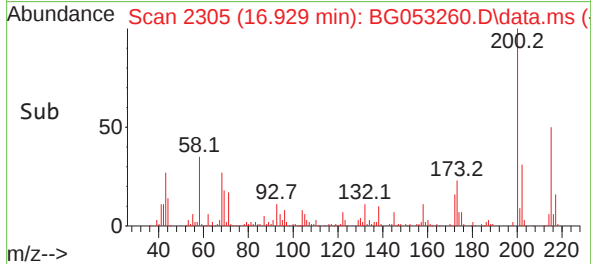
Instrument :
 BNA_G
 ClientSampleId :
 MH-1DMSD



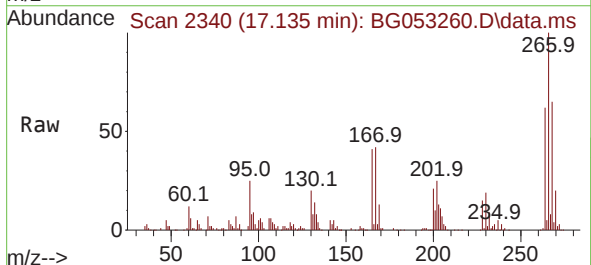
Tgt Ion:200 Resp: 11513
 Ion Ratio Lower Upper
 200 100
 173 22.7 3.8 43.8
 215 50.4 26.3 66.3

Manual Integrations
 APPROVED

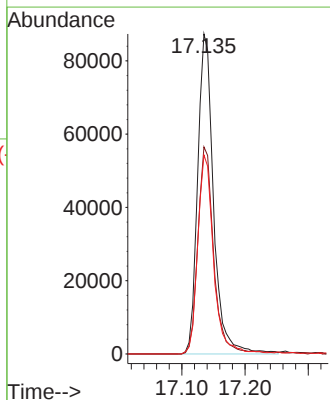
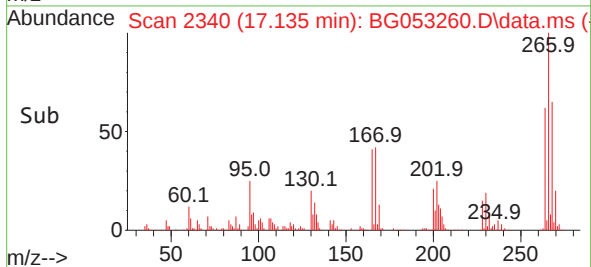
Reviewed By :Christian Giraldo 04/25/2022
 Supervised By :Jagrut Upadhyay 04/25/2022

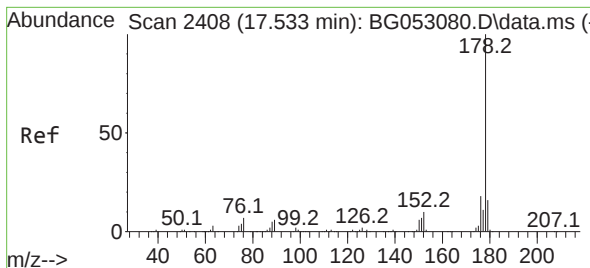


#70
 Pentachlorophenol
 Concen: 99.827 ng
 RT: 17.135 min Scan# 2340
 Delta R.T. -0.002 min
 Lab File: BG053260.D
 Acq: 22 Apr 2022 14:22



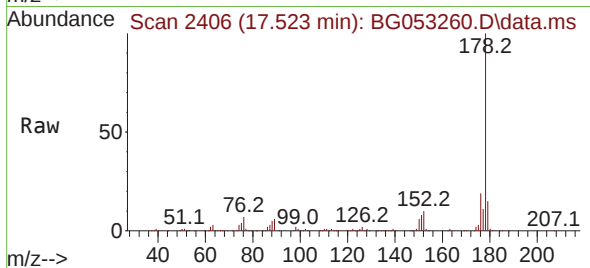
Tgt Ion:266 Resp: 152696
 Ion Ratio Lower Upper
 266 100
 268 64.7 45.9 68.9
 264 62.2 45.3 67.9





#71
Phenanthrene
Concen: 45.465 ng
RT: 17.523 min Scan# 2406
Delta R.T. -0.002 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22

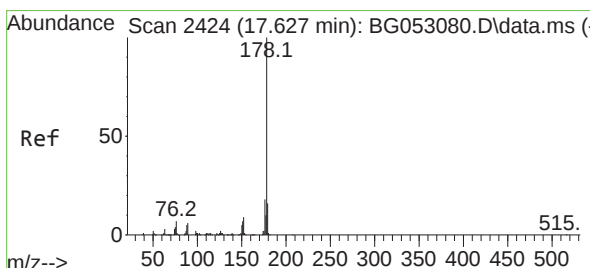
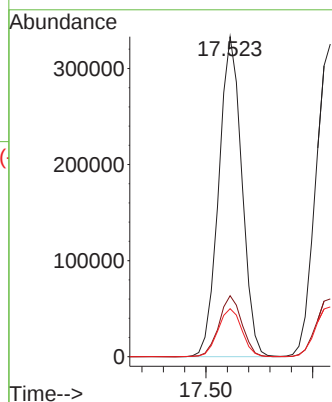
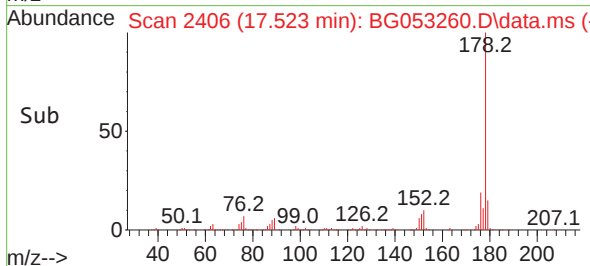
Instrument :
BNA_G
ClientSampleId :
MH-1DMSD



Tgt Ion:178 Resp: 500878
Ion Ratio Lower Upper
178 100
176 19.0 15.9 23.9
179 15.0 13.4 20.2

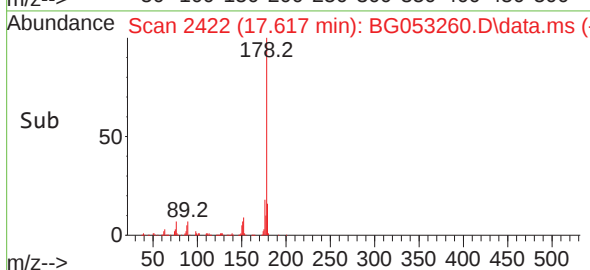
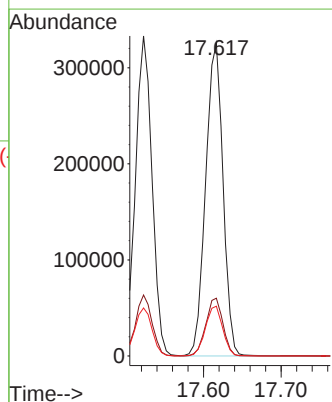
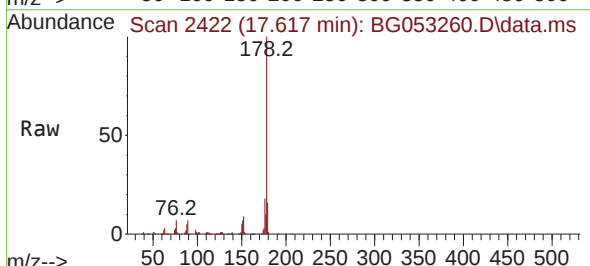
Manual Integrations
APPROVED

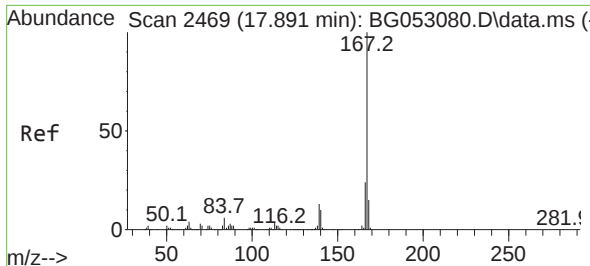
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#72
Anthracene
Concen: 46.355 ng
RT: 17.617 min Scan# 2422
Delta R.T. 0.004 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22

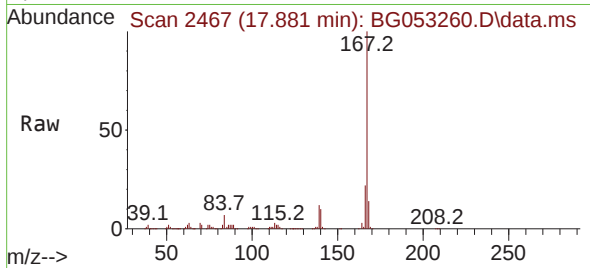
Tgt Ion:178 Resp: 505929
Ion Ratio Lower Upper
178 100
176 18.5 14.7 22.1
179 15.9 13.2 19.8





#73
Carbazole
Concen: 44.390 ng
RT: 17.881 min Scan# 2469
Delta R.T. -0.002 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22

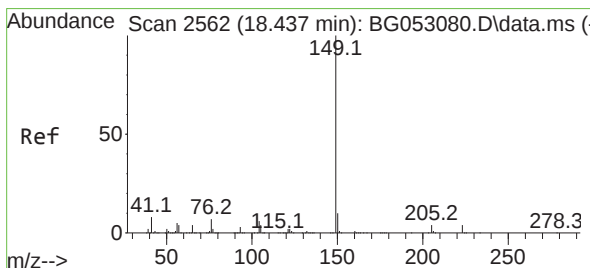
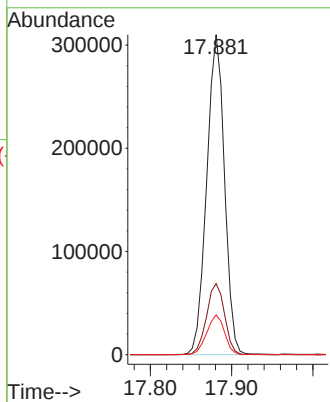
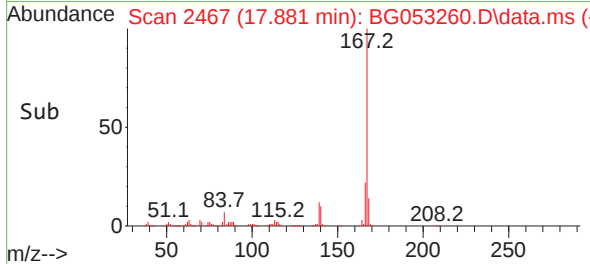
Instrument :
BNA_G
ClientSampleId :
MH-1DMSD



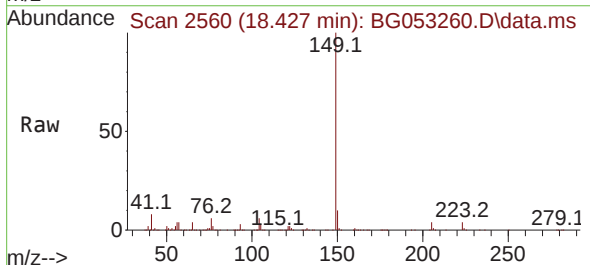
Tgt Ion:167 Resp: 47095
Ion Ratio Lower Upper
167 100
166 22.2 18.5 27.7
139 12.4 10.0 15.0

Manual Integrations
APPROVED

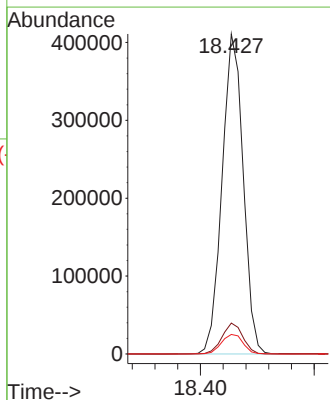
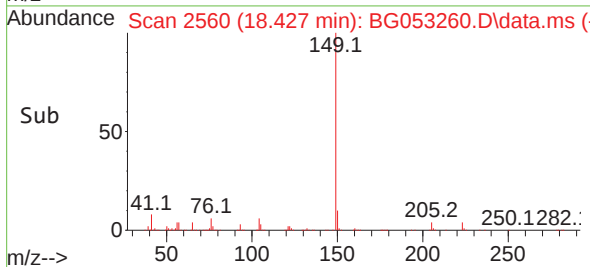
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022

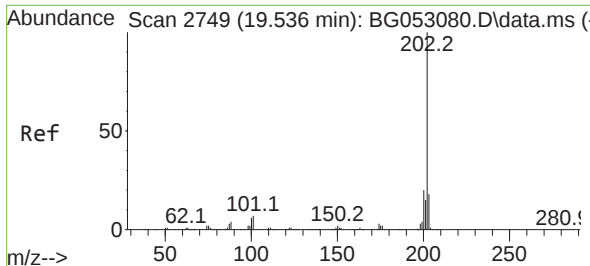


#74
Di-n-butylphthalate
Concen: 44.015 ng
RT: 18.427 min Scan# 2560
Delta R.T. -0.002 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22



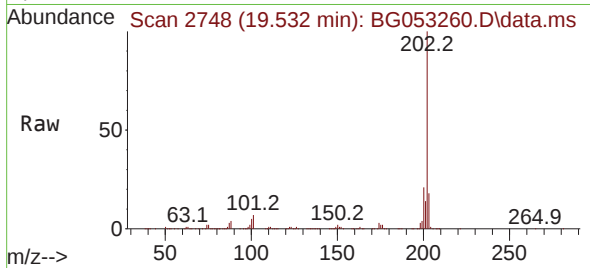
Tgt Ion:149 Resp: 529616
Ion Ratio Lower Upper
149 100
150 9.7 7.0 10.6
104 6.1 4.6 7.0





#75
Fluoranthene
Concen: 45.303 ng
RT: 19.532 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22

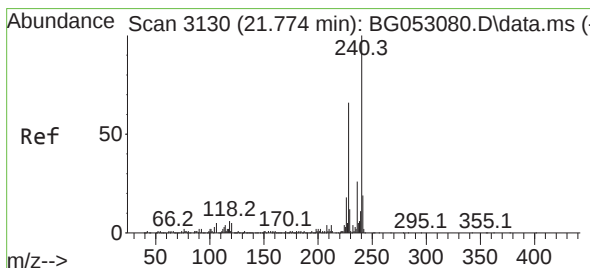
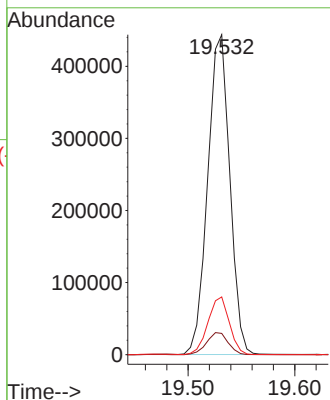
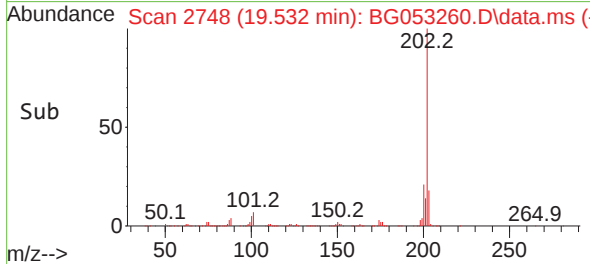
Instrument :
BNA_G
ClientSampleId :
MH-1DMSD



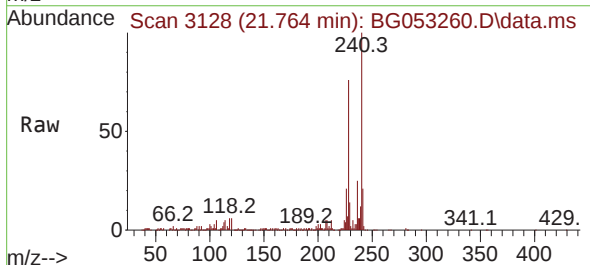
Tgt Ion:202 Resp: 63976
Ion Ratio Lower Upper
202 100
101 6.7 0.0 27.3
203 18.1 0.0 37.7

Manual Integrations
APPROVED

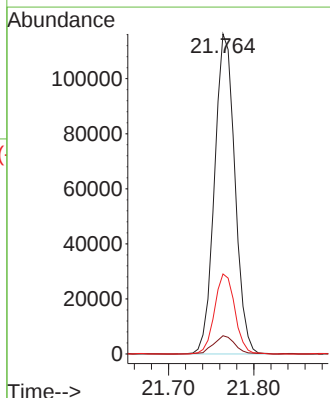
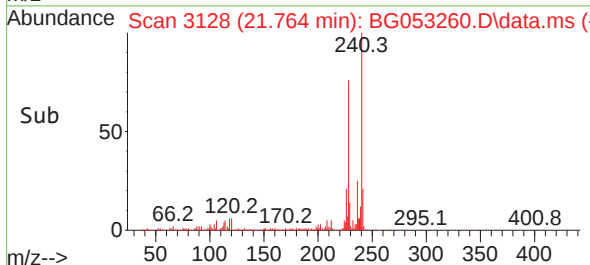
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022

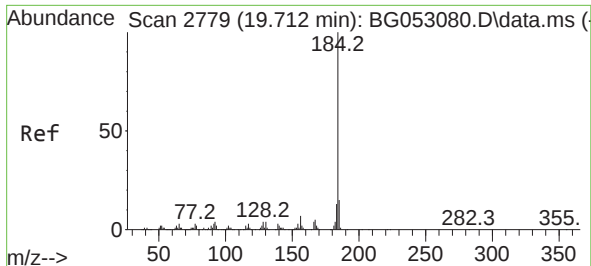


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.764 min Scan# 3128
Delta R.T. -0.002 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22



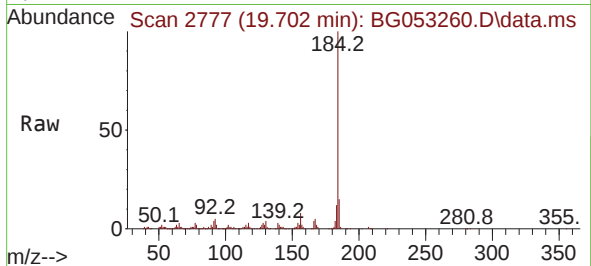
Tgt Ion:240 Resp: 192325
Ion Ratio Lower Upper
240 100
120 5.7 5.4 8.0
236 25.0 19.8 29.6





#77
Benzidine
Concen: 47.185 ng
RT: 19.702 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22

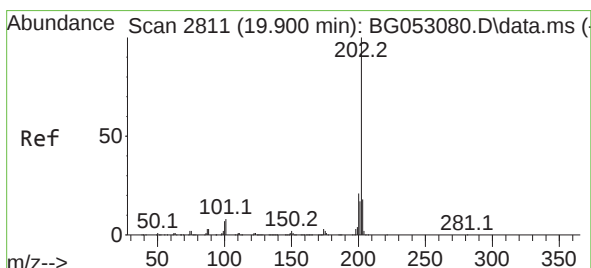
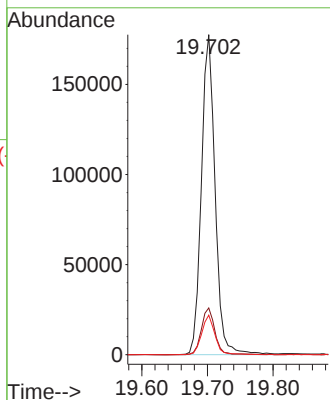
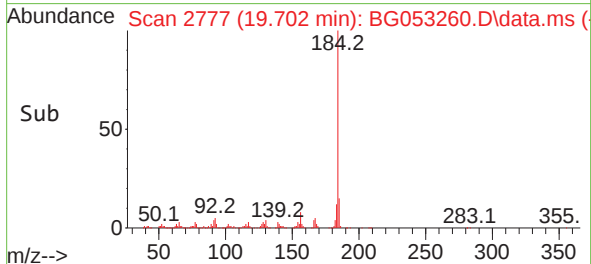
Instrument :
BNA_G
ClientSampleId :
MH-1DMSD



Tgt Ion:184 Resp: 258919
Ion Ratio Lower Upper
184 100
185 14.6 11.5 17.3
183 12.4 9.4 14.2

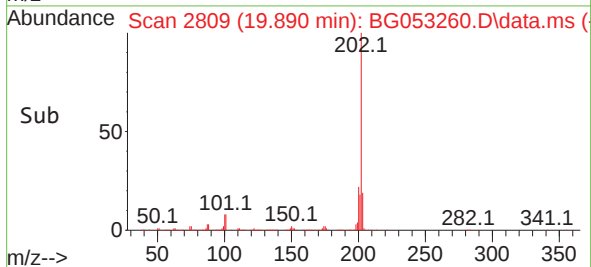
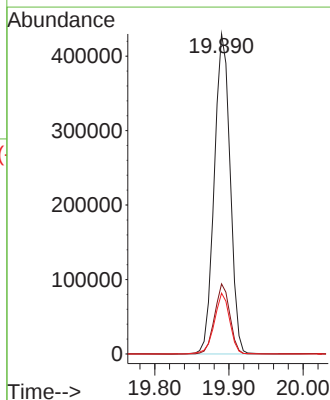
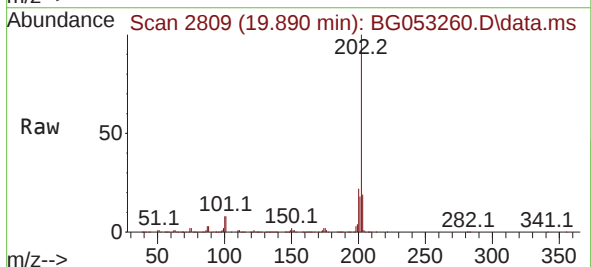
Manual Integrations
APPROVED

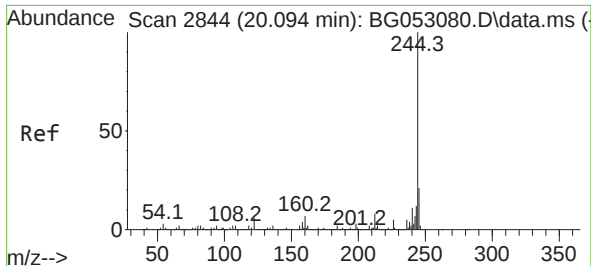
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#78
Pyrene
Concen: 46.552 ng
RT: 19.890 min Scan# 2809
Delta R.T. -0.002 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22

Tgt Ion:202 Resp: 637637
Ion Ratio Lower Upper
202 100
200 21.9 17.0 25.6
203 19.0 15.0 22.6





#79
 Terphenyl-d14
 Concen: 68.533 ng
 RT: 20.084 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG053260.D
 Acq: 22 Apr 2022 14:22

Instrument :

BNA_G

ClientSampleId :

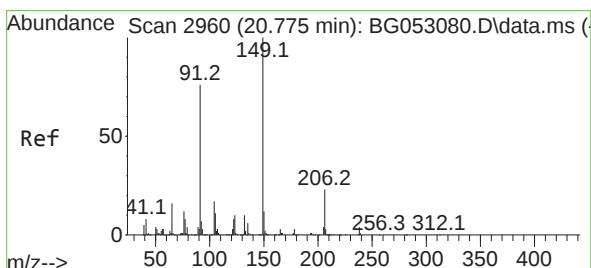
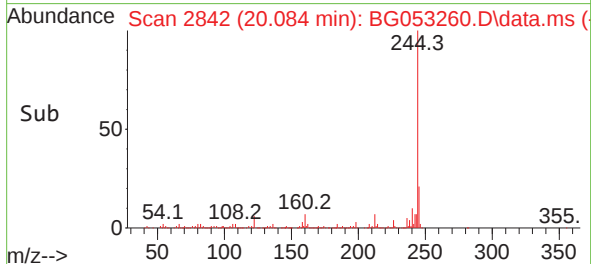
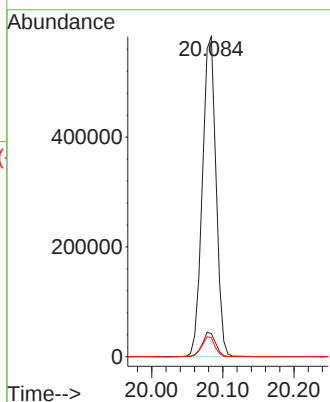
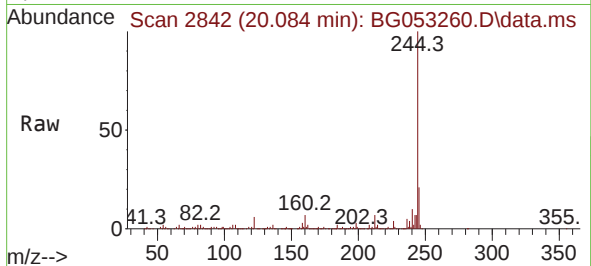
MH-1DMSD

Tgt Ion:244 Resp: 78042
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 5.9 5.8 8.6

Manual Integrations

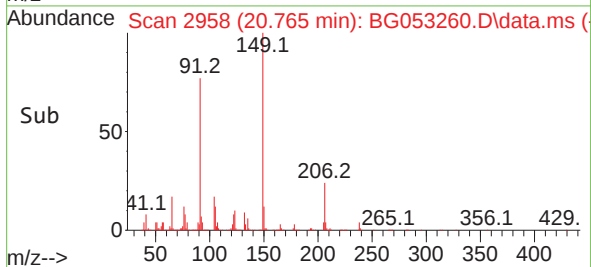
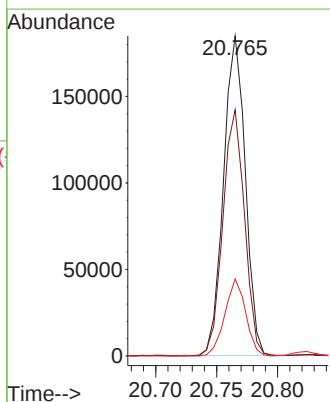
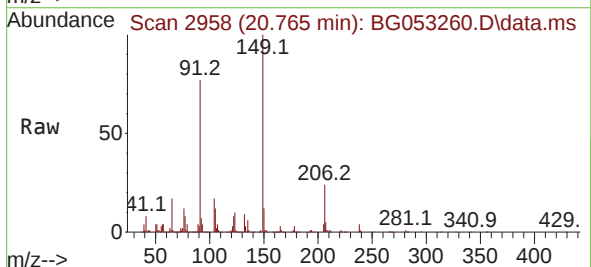
APPROVED

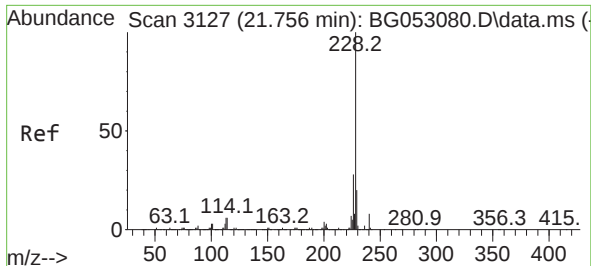
Reviewed By :Christian Giraldo 04/25/2022
 Supervised By :Jagrut Upadhyay 04/25/2022



#80
 Butylbenzylphthalate
 Concen: 44.859 ng
 RT: 20.765 min Scan# 2958
 Delta R.T. -0.002 min
 Lab File: BG053260.D
 Acq: 22 Apr 2022 14:22

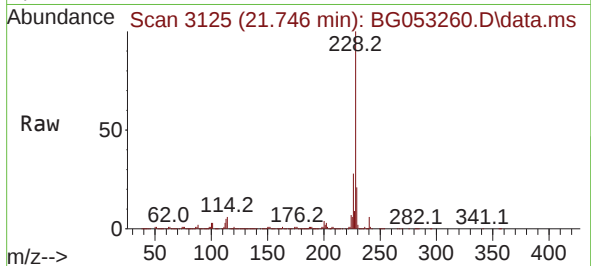
Tgt Ion:149 Resp: 229076
 Ion Ratio Lower Upper
 149 100
 91 76.9 60.2 90.4
 206 24.1 19.4 29.2





#81
Benzo(a)anthracene
Concen: 47.082 ng
RT: 21.746 min Scan# 3108
Delta R.T. -0.002 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22

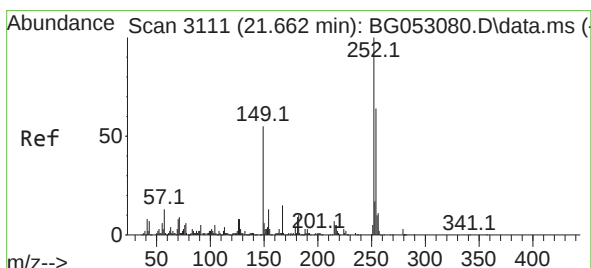
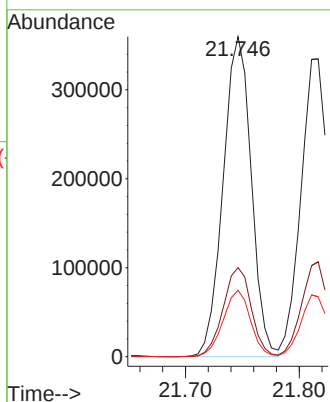
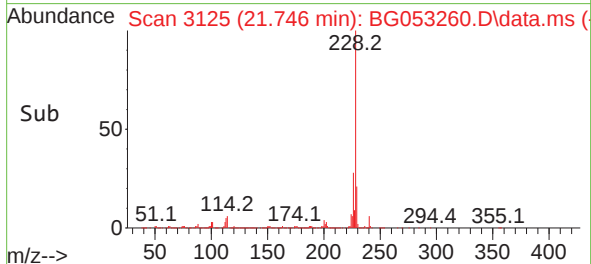
Instrument :
BNA_G
ClientSampleId :
MH-1DMSD



Tgt Ion:228 Resp: 619118
Ion Ratio Lower Upper
228 100
226 27.8 21.4 32.0
229 20.7 16.7 25.1

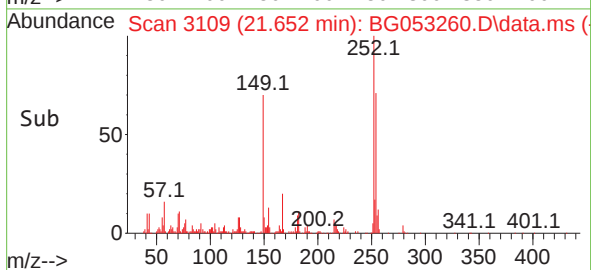
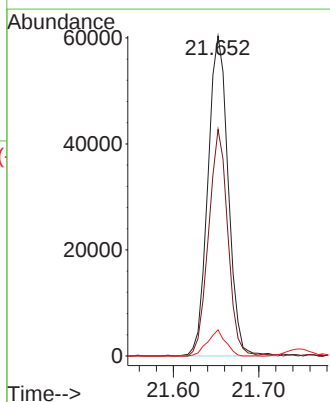
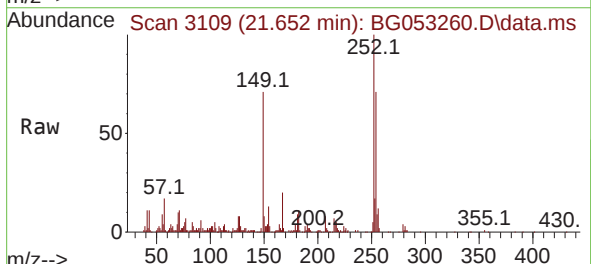
Manual Integrations
APPROVED

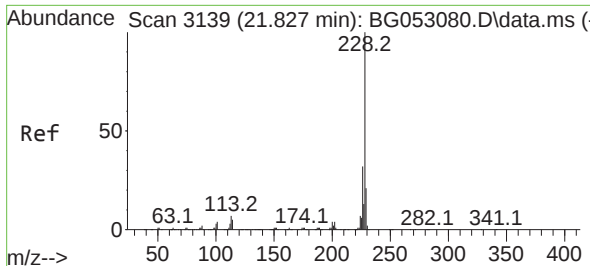
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#82
3,3'-Dichlorobenzidine
Concen: 20.621 ng
RT: 21.652 min Scan# 3109
Delta R.T. -0.002 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22

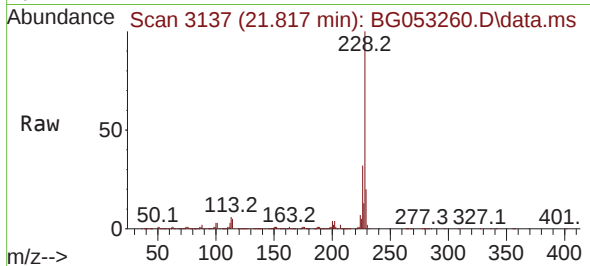
Tgt Ion:252 Resp: 99724
Ion Ratio Lower Upper
252 100
254 70.8 51.2 76.8
126 8.1 5.8 8.8





#83
Chrysene
Concen: 46.013 ng
RT: 21.817 min Scan# 3139
Delta R.T. 0.004 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22

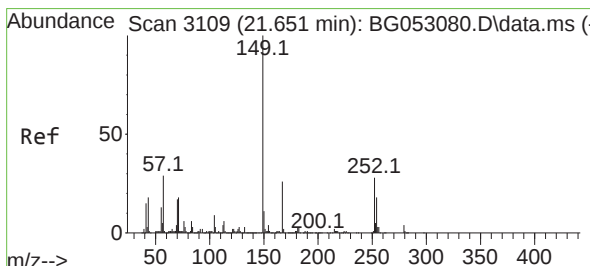
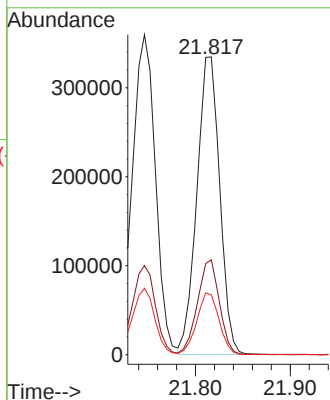
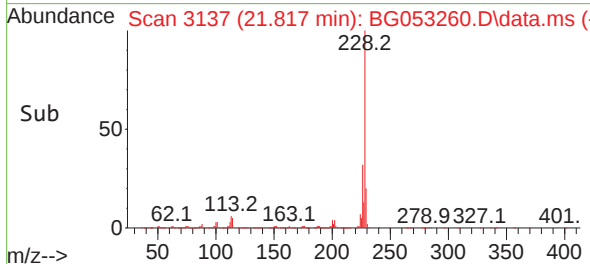
Instrument :
BNA_G
ClientSampleId :
MH-1DMSD



Tgt Ion:228 Resp: 56153
Ion Ratio Lower Upper
228 100
226 31.9 24.2 36.4
229 20.1 16.3 24.5

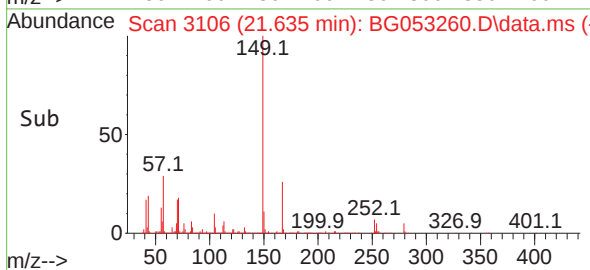
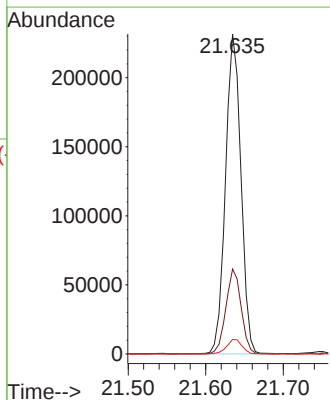
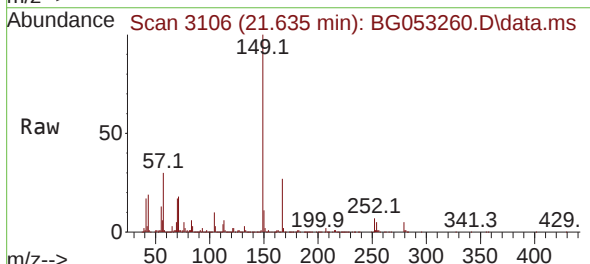
Manual Integrations
APPROVED

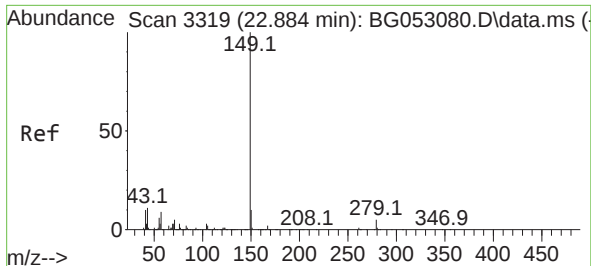
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 46.587 ng
RT: 21.635 min Scan# 3106
Delta R.T. -0.002 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22

Tgt Ion:149 Resp: 321571
Ion Ratio Lower Upper
149 100
167 26.5 21.4 32.2
279 4.6 3.8 5.8





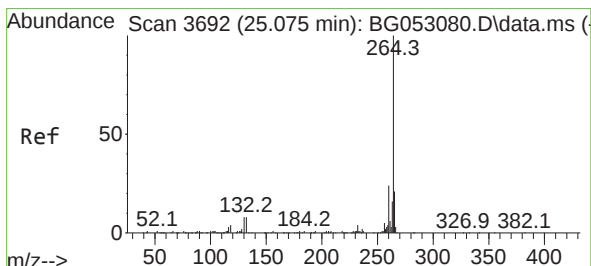
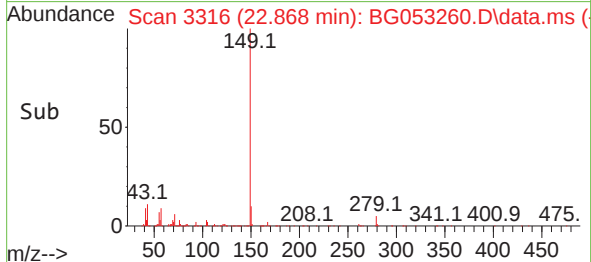
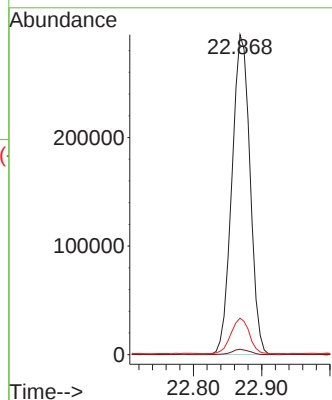
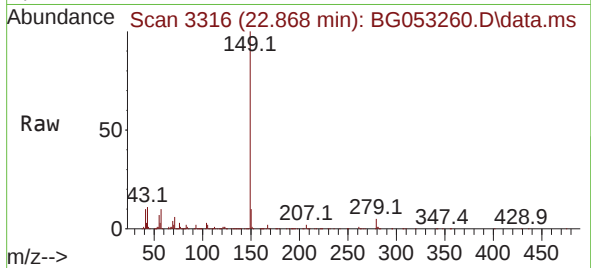
#85
Di-n-octyl phthalate
Concen: 47.018 ng
RT: 22.868 min Scan# 31
Delta R.T. -0.002 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22

Instrument :
BNA_G
ClientSampleId :
MH-1DMSD

Tgt Ion:149 Resp: 542790
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 11.2 7.6 11.4

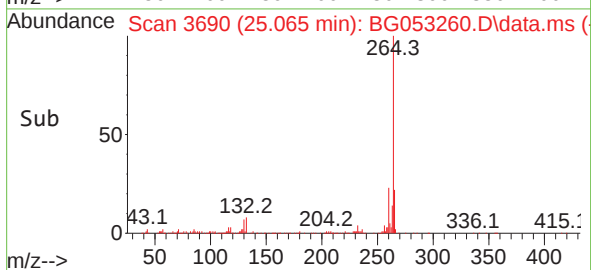
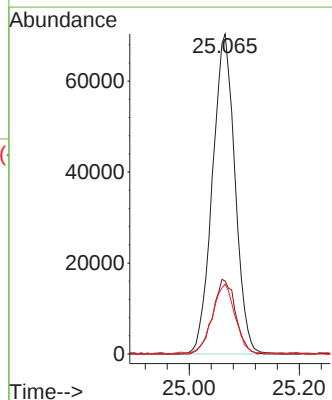
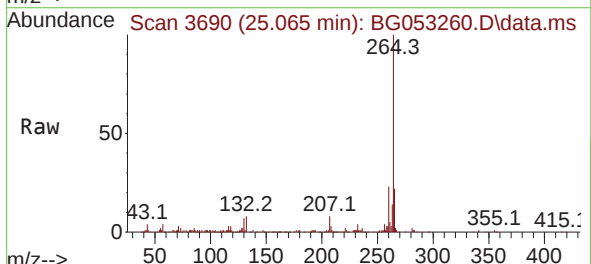
Manual Integrations
APPROVED

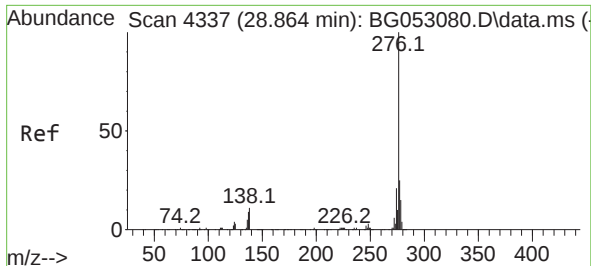
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.065 min Scan# 3690
Delta R.T. 0.004 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22

Tgt Ion:264 Resp: 200166
Ion Ratio Lower Upper
264 100
260 22.8 18.2 27.2
265 21.8 15.1 22.7





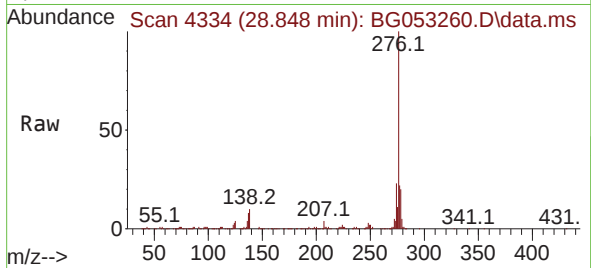
#87
Indeno(1,2,3-cd)pyrene
Concen: 46.219 ng
RT: 28.848 min Scan# 4334
Delta R.T. -0.002 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22

Instrument :

BNA_G

ClientSampleId :

MH-1DMSD

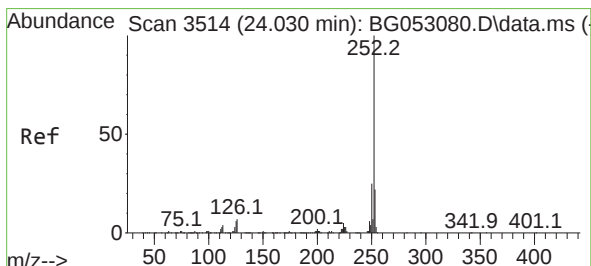
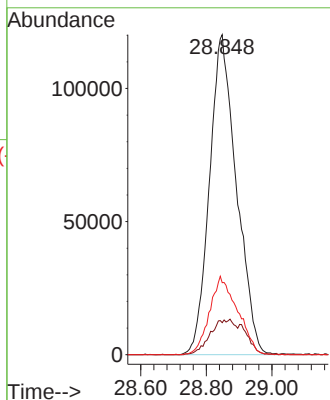
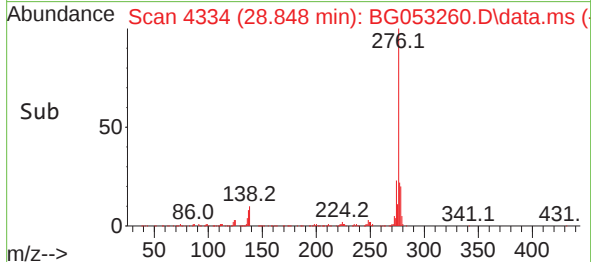


Tgt Ion:276 Resp: 68733
Ion Ratio Lower Upper
276 100
138 5.4 8.7 13.1
277 25.4 20.2 30.4

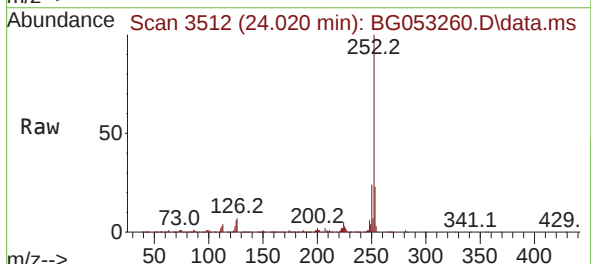
Manual Integrations

APPROVED

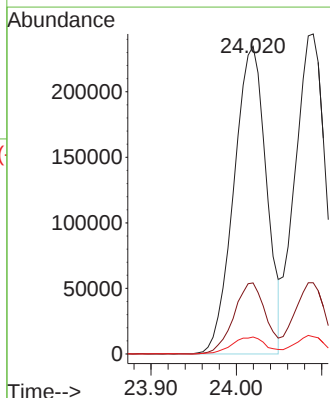
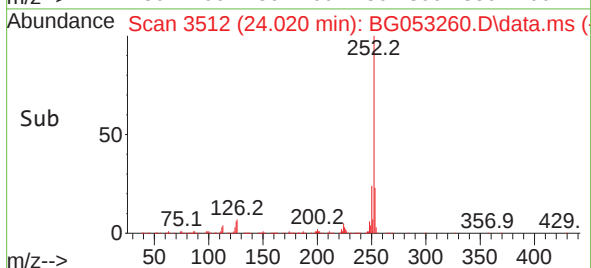
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022

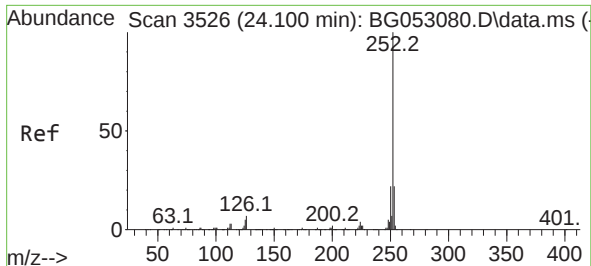


#88
Benzo(b)fluoranthene
Concen: 49.241 ng
RT: 24.020 min Scan# 3512
Delta R.T. -0.002 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22



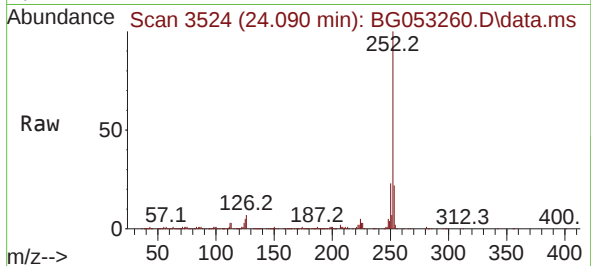
Tgt Ion:252 Resp: 621879
Ion Ratio Lower Upper
252 100
253 23.1 17.2 25.8
125 5.5 5.2 7.8





#89
Benzo(k)fluoranthene
Concen: 48.609 ng
RT: 24.090 min Scan# 3526
Delta R.T. 0.004 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22

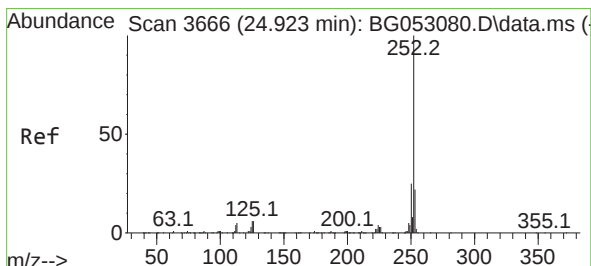
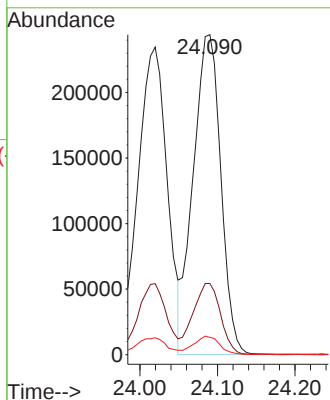
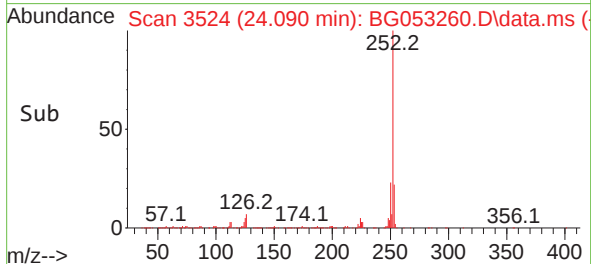
Instrument :
BNA_G
ClientSampleId :
MH-1DMSD



Tgt Ion:252 Resp: 603352
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.0
125 5.4 5.0 7.4

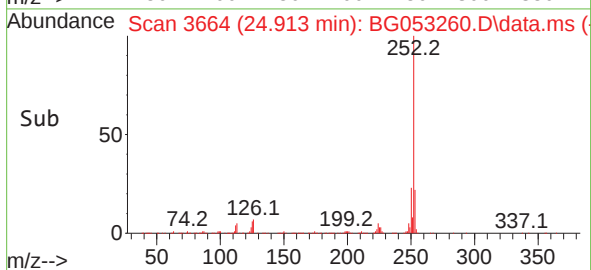
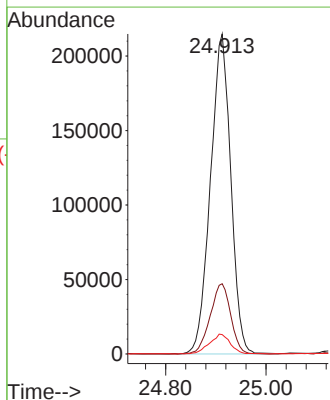
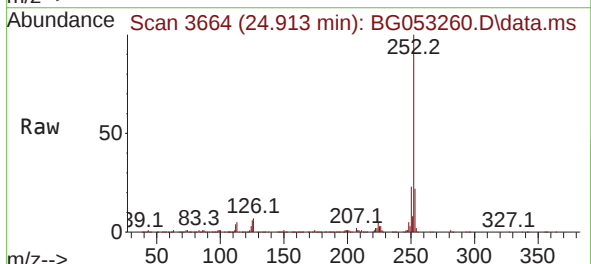
Manual Integrations
APPROVED

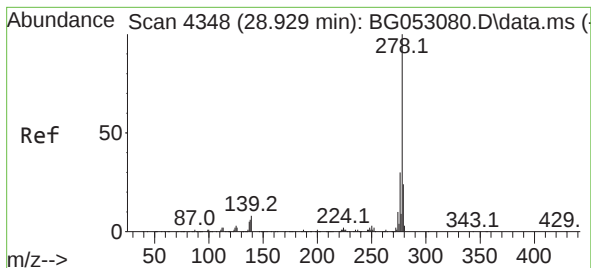
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#90
Benzo(a)pyrene
Concen: 56.128 ng
RT: 24.913 min Scan# 3664
Delta R.T. -0.002 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22

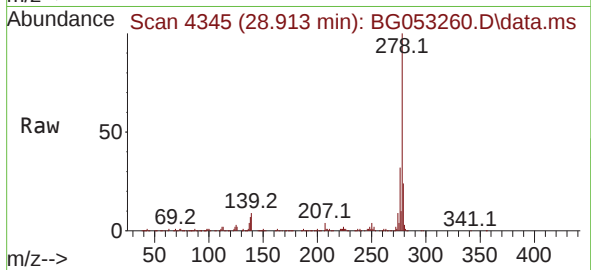
Tgt Ion:252 Resp: 603880
Ion Ratio Lower Upper
252 100
253 22.0 18.4 27.6
125 6.0 5.6 8.4





#91
Dibenzo(a,h)anthracene
Concen: 48.827 ng
RT: 28.913 min Scan# 41
Delta R.T. 0.010 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22

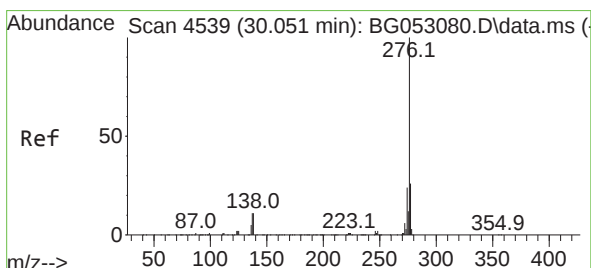
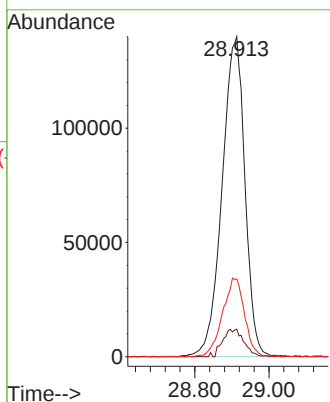
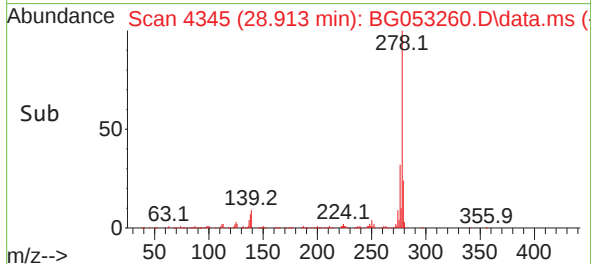
Instrument :
BNA_G
ClientSampleId :
MH-1DMSD



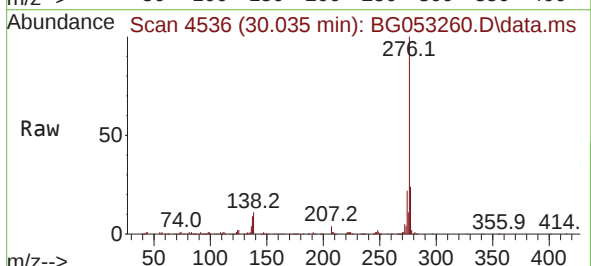
Tgt Ion:278 Resp: 597628
Ion Ratio Lower Upper
278 100
139 8.6 7.8 11.6
279 24.3 18.5 27.7

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#92
Benzo(g,h,i)perylene
Concen: 48.766 ng
RT: 30.035 min Scan# 4536
Delta R.T. -0.002 min
Lab File: BG053260.D
Acq: 22 Apr 2022 14:22



Tgt Ion:276 Resp: 588315
Ion Ratio Lower Upper
276 100
277 23.9 18.2 27.2
138 11.3 9.1 13.7

