

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051822\
 Data File : BG053614.D
 Acq On : 18 May 2022 22:02
 Operator : CG/JU
 Sample : N2907-02MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GC-2MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/19/2022
 Supervised By : Jagrut Upadhyay 05/19/2022

Quant Time: May 19 05:13:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 11 06:00:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.076	152	23757	20.000	ng	-0.01
21) Naphthalene-d8	10.890	136	96994	20.000	ng	0.00
39) Acenaphthene-d10	14.708	164	77603	20.000	ng	0.00
64) Phenanthrene-d10	17.451	188	195633	20.000	ng	0.00
76) Chrysene-d12	21.734	240	190991	20.000	ng	0.00
86) Perylene-d12	25.012	264	203304	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.650	112	125046	89.329	ng	0.00
7) Phenol-d6	7.247	99	187238	88.134	ng	0.00
23) Nitrobenzene-d5	9.245	82	126774	55.638	ng	0.00
42) 2,4,6-Tribromophenol	16.194	330	98742	86.271	ng	0.00
45) 2-Fluorobiphenyl	13.327	172	273497	51.500	ng	0.00
79) Terphenyl-d14	20.054	244	575224	56.094	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.517	88	28208	38.406	ng	95
3) Pyridine	3.923	79	67620m	37.699	ng	
4) n-Nitrosodimethylamine	3.834	42	44054	50.419	ng	# 96
6) Aniline	7.400	93	105571	44.867	ng	98
8) 2-Chlorophenol	7.647	128	77451	52.926	ng	98
9) Benzaldehyde	7.212	77	63955m	47.387	ng	
10) Phenol	7.271	94	105643	50.844	ng	93
11) bis(2-Chloroethyl)ether	7.488	93	72303	46.658	ng	93
12) 1,3-Dichlorobenzene	7.970	146	79738m	46.188	ng	
13) 1,4-Dichlorobenzene	8.117	146	81080	46.541	ng	97
14) 1,2-Dichlorobenzene	8.434	146	78000	47.680	ng	99
15) Benzyl Alcohol	8.317	79	79462m	44.739	ng	
16) 2,2'-oxybis(1-Chloropr...	8.604	45	119310	47.306	ng	99
17) 2-Methylphenol	8.528	107	70918	50.499	ng	96
18) Hexachloroethane	9.162	117	31630	47.811	ng	97
19) n-Nitroso-di-n-propyla...	8.881	70	70742	46.410	ng	96
20) 3+4-Methylphenols	8.851	107	95726	48.264	ng	98
22) Acetophenone	8.898	105	121328	45.705	ng	# 97
24) Nitrobenzene	9.280	77	107783	48.874	ng	98
25) Isophorone	9.803	82	196734	51.304	ng	99
26) 2-Nitrophenol	10.003	139	43574	48.784	ng	96
27) 2,4-Dimethylphenol	10.055	122	76300	56.762	ng	97
28) bis(2-Chloroethoxy)met...	10.285	93	102270	46.371	ng	99
29) 2,4-Dichlorophenol	10.543	162	83589	51.524	ng	94
30) 1,2,4-Trichlorobenzene	10.754	180	85310	46.282	ng	98
31) Naphthalene	10.942	128	231683	46.958	ng	99
32) Benzoic acid	10.226	122	33042m	40.858	ng	
33) 4-Chloroaniline	11.054	127	34732	16.809	ng	96
34) Hexachlorobutadiene	11.224	225	61974	45.341	ng	96
35) Caprolactam	11.824	113	29072m	49.312	ng	
36) 4-Chloro-3-methylphenol	12.176	107	96496	49.725	ng	98
37) 2-Methylnaphthalene	12.540	142	169102	45.926	ng	98
38) 1-Methylnaphthalene	12.758	142	164459	45.780	ng	97
40) 1,2,4,5-Tetrachloroben...	12.910	216	110182	45.043	ng	99
41) Hexachlorocyclopentadiene	12.887	237	103069	100.855	ng	98
43) 2,4,6-Trichlorophenol	13.145	196	76817	48.109	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051822\
 Data File : BG053614.D
 Acq On : 18 May 2022 22:02
 Operator : CG/JU
 Sample : N2907-02MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GC-2MS

Quant Time: May 19 05:13:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 11 06:00:46 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 05/19/2022
 Supervised By :Jagrut Upadhyay 05/19/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.233	196	84793	49.896	ng	97
46) 1,1'-Biphenyl	13.539	154	242333	45.812	ng	98
47) 2-Chloronaphthalene	13.586	162	188544	45.494	ng	99
48) 2-Nitroaniline	13.786	65	77949	50.476	ng	99
49) Acenaphthylene	14.432	152	322829	48.815	ng	98
50) Dimethylphthalate	14.156	163	270575	45.883	ng	99
51) 2,6-Dinitrotoluene	14.279	165	57594	47.938	ng	99
52) Acenaphthene	14.773	154	183159	46.473	ng	99
53) 3-Nitroaniline	14.608	138	39995	30.810	ng	99
54) 2,4-Dinitrophenol	14.825	184	51311	68.274	ng	95
55) Dibenzofuran	15.102	168	312296	44.115	ng	95
56) 4-Nitrophenol	14.931	139	92632	99.906	ng	87
57) 2,4-Dinitrotoluene	15.066	165	86065	49.421	ng	# 88
58) Fluorene	15.754	166	261493	46.030	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.336	232	81713	47.391	ng	98
60) Diethylphthalate	15.513	149	281638	46.234	ng	98
61) 4-Chlorophenyl-phenyle...	15.736	204	144605	45.616	ng	98
62) 4-Nitroaniline	15.777	138	62762	46.614	ng	99
63) Azobenzene	16.030	77	285728	45.806	ng	99
65) 4,6-Dinitro-2-methylph...	15.836	198	50369	43.208	ng	98
66) n-Nitrosodiphenylamine	15.953	169	240748	46.871	ng	99
67) 4-Bromophenyl-phenylether	16.635	248	104394	45.691	ng	98
68) Hexachlorobenzene	16.764	284	115890	46.314	ng	98
69) Atrazine	16.899	200	104076	48.131	ng	97
70) Pentachlorophenol	17.111	266	116523	86.095	ng	96
71) Phenanthrene	17.492	178	457546	45.996	ng	98
72) Anthracene	17.586	178	462185	47.270	ng	100
73) Carbazole	17.857	167	429438	44.814	ng	100
74) Di-n-butylphthalate	18.403	149	502639	46.639	ng	99
75) Fluoranthene	19.501	202	594330	46.143	ng	99
77) Benzidine	19.678	184	353325	85.830	ng	99
78) Pyrene	19.866	202	592672	47.936	ng	99
80) Butylbenzylphthalate	20.735	149	216423	47.736	ng	94
81) Benzo(a)anthracene	21.716	228	590563	48.479	ng	100
82) 3,3'-Dichlorobenzidine	21.622	252	131191	42.468	ng	96
83) Chrysene	21.781	228	534522	46.981	ng	99
84) Bis(2-ethylhexyl)phtha...	21.604	149	307086	49.074	ng	98
85) Di-n-octyl phthalate	22.826	149	521235	49.259	ng	100
87) Indeno(1,2,3-cd)pyrene	28.771	276	656916	46.393	ng	# 94
88) Benzo(b)fluoranthene	23.972	252	614756	51.085	ng	99
89) Benzo(k)fluoranthene	24.036	252	564901	47.771	ng	99
90) Benzo(a)pyrene	24.859	252	573827	56.023	ng	98
91) Dibenzo(a,h)anthracene	28.818	278	567791	48.664	ng	99
92) Benzo(g,h,i)perylene	29.946	276	572100	49.467	ng	97

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

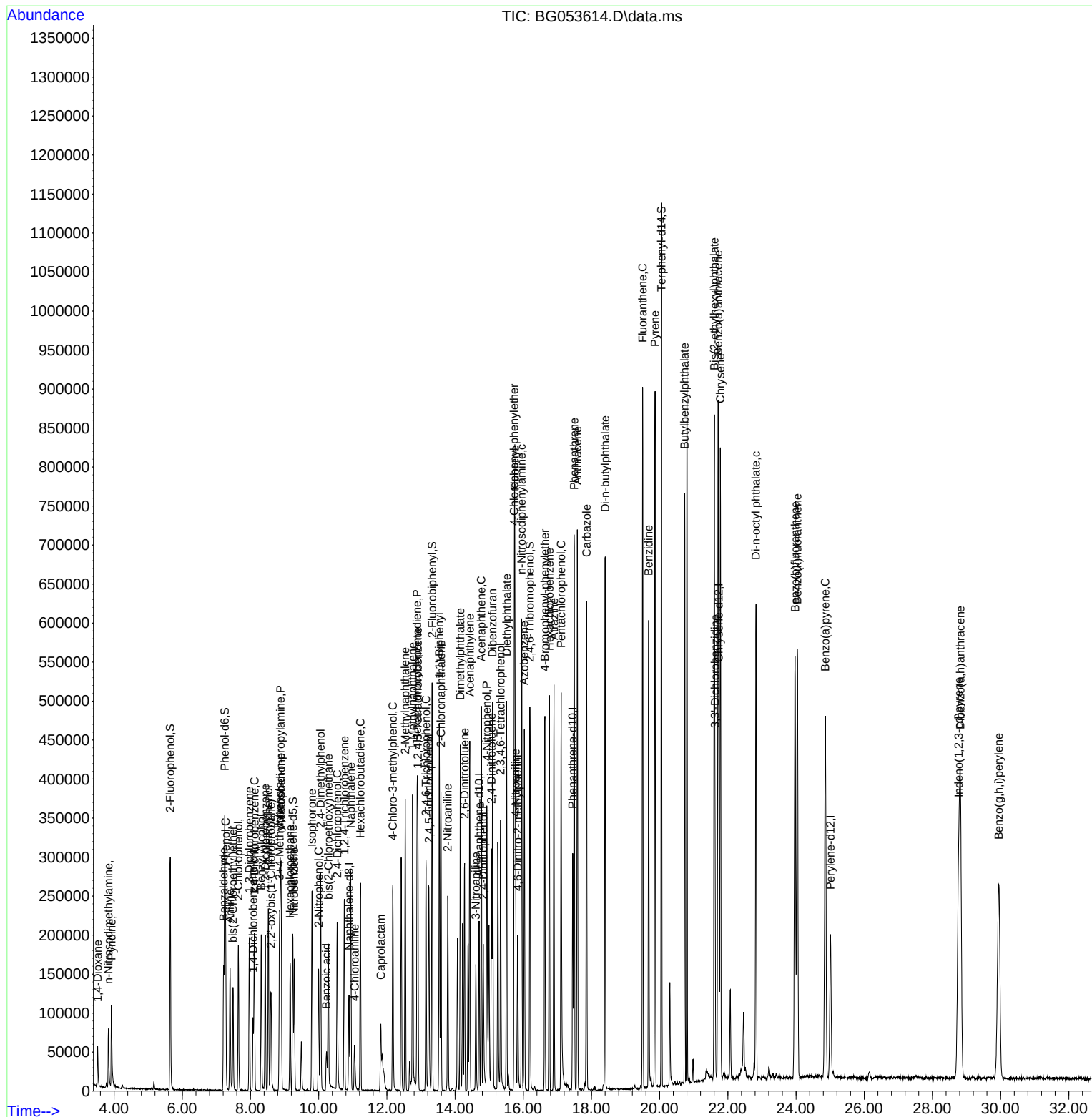
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051822\
 Data File : BG053614.D
 Acq On : 18 May 2022 22:02
 Operator : CG/JU
 Sample : N2907-02MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

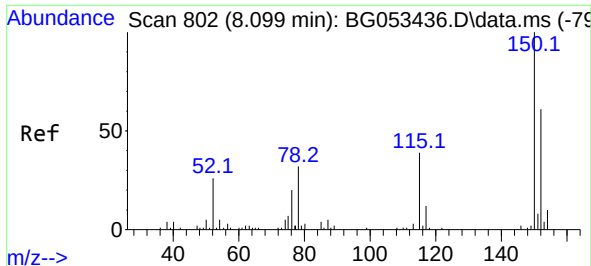
Instrument :
 BNA_G
 ClientSampleId :
 GC-2MS

Quant Time: May 19 05:13:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 11 06:00:46 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

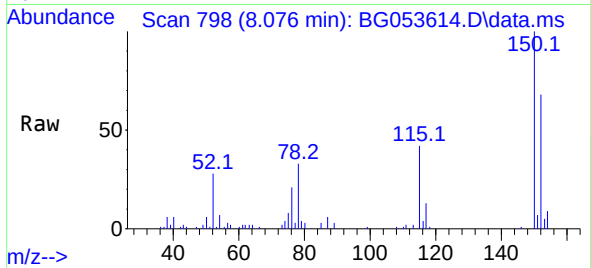
Reviewed By : Christian Giraldo 05/19/2022
 Supervised By : Jagrut Upadhyay 05/19/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.076 min Scan# 74
Delta R.T. -0.013 min
Lab File: BG053614.D
Acq: 18 May 2022 22:02

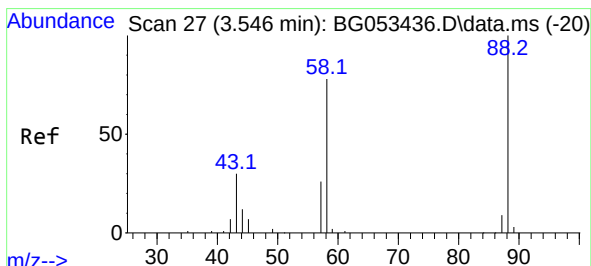
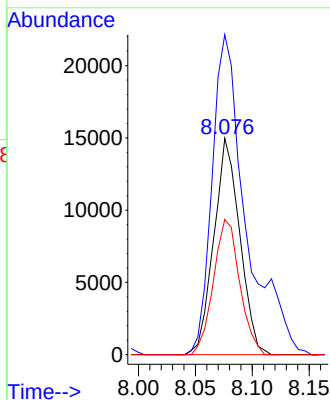
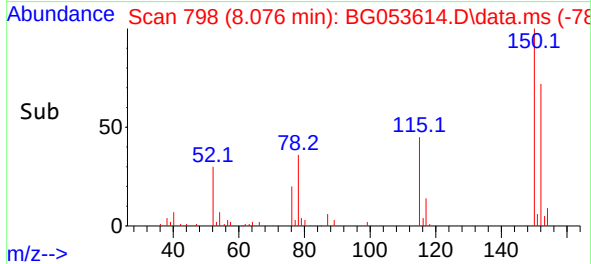
Instrument :
BNA_G
ClientSampleId :
GC-2MS



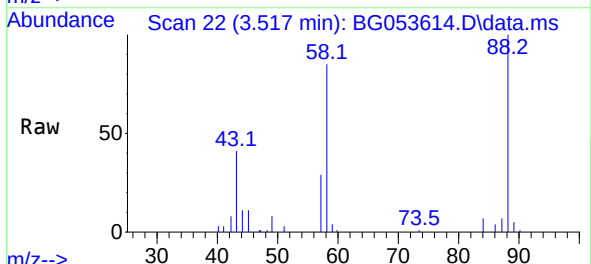
Tgt Ion:152 Resp: 2375
Ion Ratio Lower Upper
152 100
150 148.0 131.6 197.4
115 62.5 50.9 76.3

Manual Integrations
APPROVED

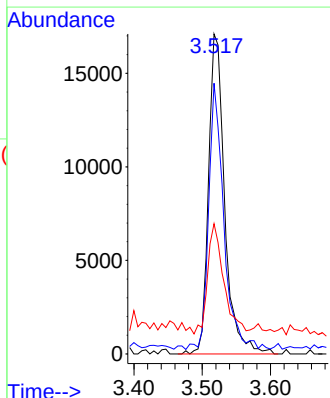
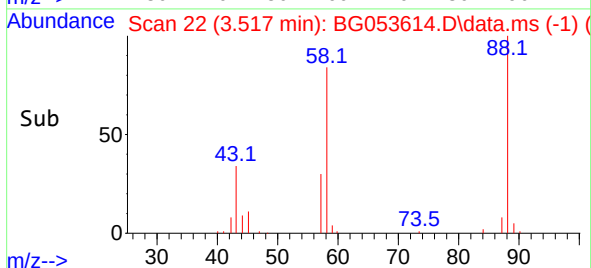
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



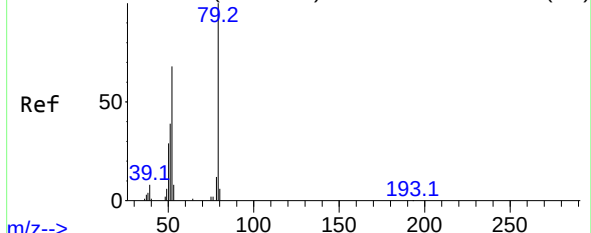
#2
1,4-Dioxane
Concen: 38.406 ng
RT: 3.517 min Scan# 22
Delta R.T. -0.020 min
Lab File: BG053614.D
Acq: 18 May 2022 22:02



Tgt Ion: 88 Resp: 28208
Ion Ratio Lower Upper
88 100
58 78.1 59.2 88.8
43 34.2 24.3 36.5



Abundance Scan 96 (3.951 min): BG053436.D\data.ms (-91)



#3

Pyridine

Concen: 37.699 ng m

RT: 3.923 min Scan# 91

Delta R.T. -0.014 min

Lab File: BG053614.D

Acq: 18 May 2022 22:02

Instrument :

BNA_G

ClientSampleId :

GC-2MS

Tgt Ion: 79 Resp: 67620

Ion Ratio Lower Upper

79 100

52 70.1 54.6 81.8

51 40.5 32.5 48.7

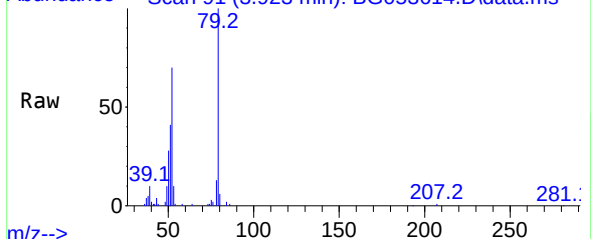
Manual Integrations

APPROVED

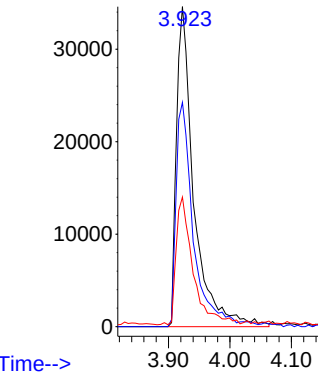
Reviewed By :Christian Giraldo 05/19/2022

Supervised By :Jagrut Upadhyay 05/19/2022

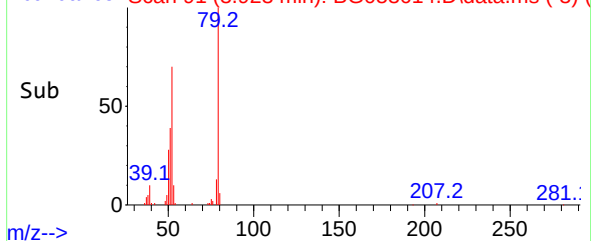
Abundance Scan 91 (3.923 min): BG053614.D\data.ms



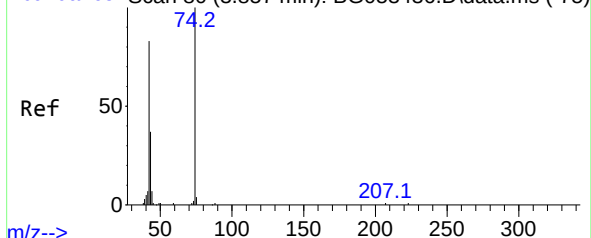
Abundance



Abundance Scan 91 (3.923 min): BG053614.D\data.ms (-3)



Abundance Scan 80 (3.857 min): BG053436.D\data.ms (-75)



#4

n-Nitrosodimethylamine

Concen: 50.419 ng

RT: 3.834 min Scan# 76

Delta R.T. -0.014 min

Lab File: BG053614.D

Acq: 18 May 2022 22:02

Tgt Ion: 42 Resp: 44054

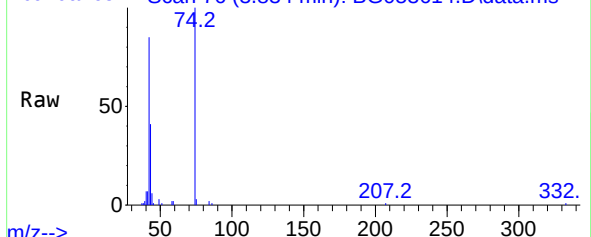
Ion Ratio Lower Upper

42 100

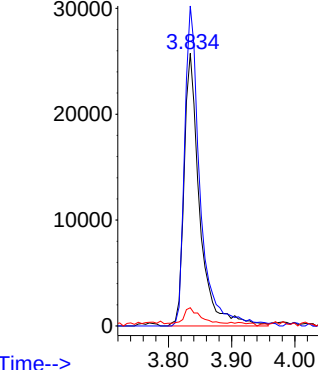
74 117.4 97.0 145.4

44 6.7 7.0 10.4

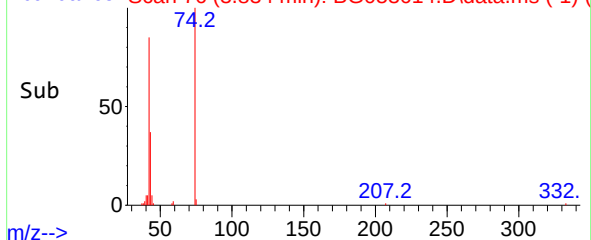
Abundance Scan 76 (3.834 min): BG053614.D\data.ms

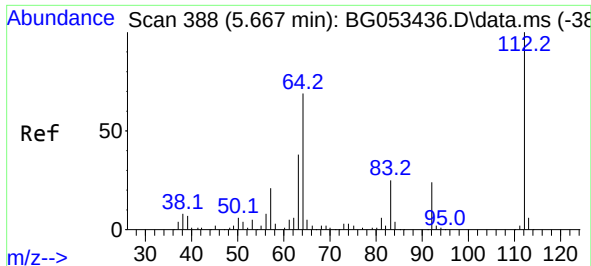


Abundance



Abundance Scan 76 (3.834 min): BG053614.D\data.ms (-1)





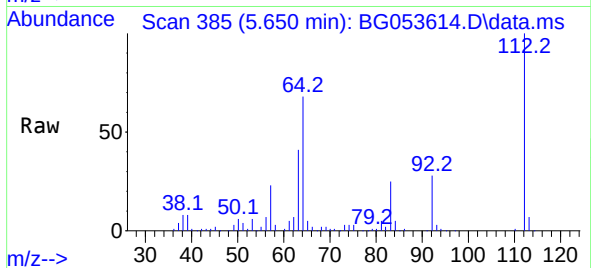
#5
2-Fluorophenol
Concen: 89.329 ng
RT: 5.650 min Scan# 385
Delta R.T. -0.002 min
Lab File: BG053614.D
Acq: 18 May 2022 22:02

Instrument :

BNA_G

ClientSampleId :

GC-2MS

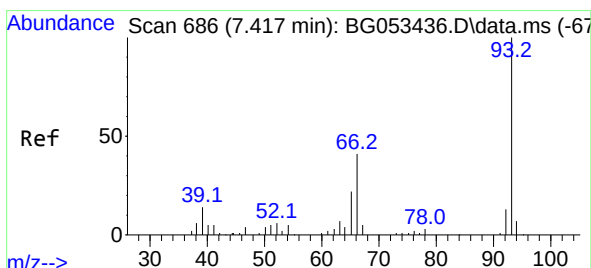
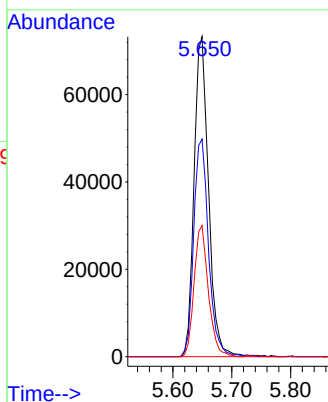
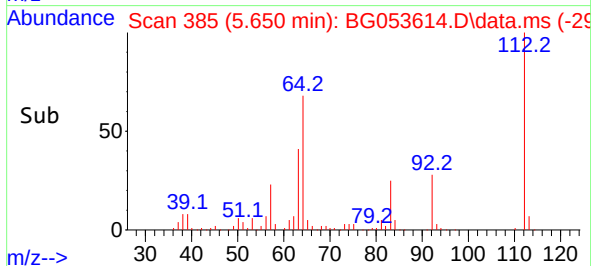


Tgt Ion:112 Resp: 125040
Ion Ratio Lower Upper
112 100
64 67.9 55.1 82.7
63 41.0 30.4 45.6

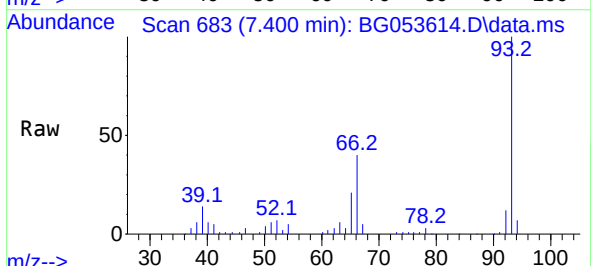
Manual Integrations

APPROVED

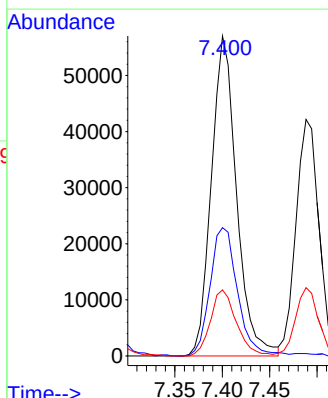
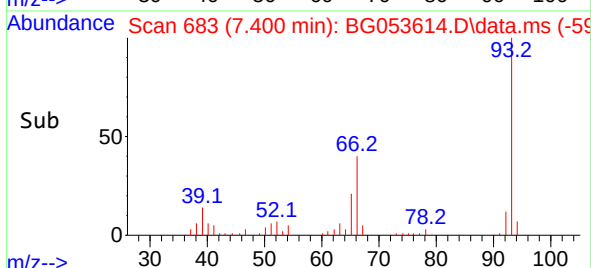
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

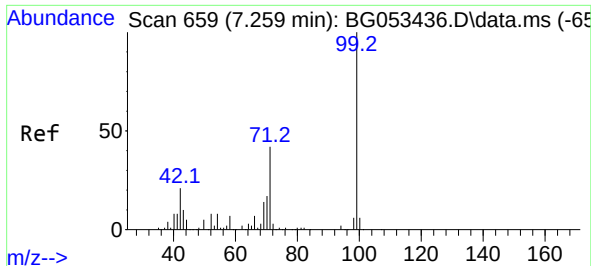


#6
Aniline
Concen: 44.867 ng
RT: 7.400 min Scan# 683
Delta R.T. -0.008 min
Lab File: BG053614.D
Acq: 18 May 2022 22:02



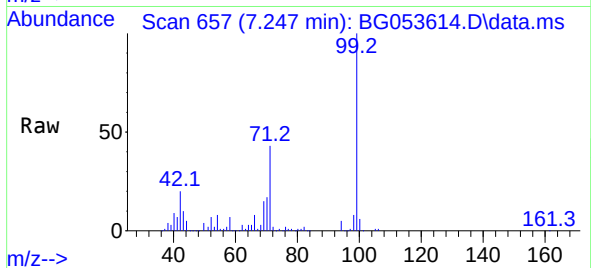
Tgt Ion: 93 Resp: 105571
Ion Ratio Lower Upper
93 100
66 40.1 32.9 49.3
65 20.7 17.8 26.8





#7
Phenol-d6
Concen: 88.134 ng
RT: 7.247 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG053614.D
Acq: 18 May 2022 22:02

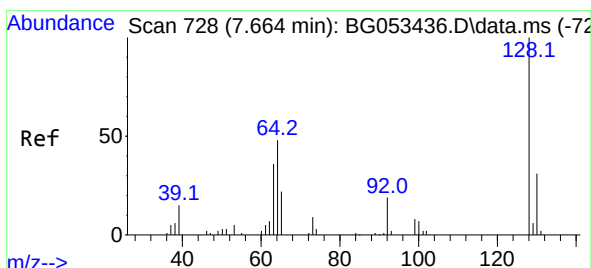
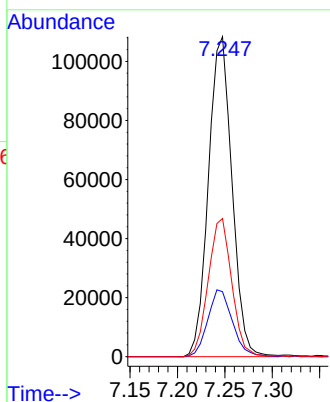
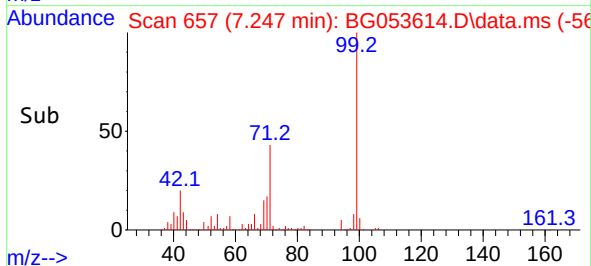
Instrument :
BNA_G
ClientSampleId :
GC-2MS



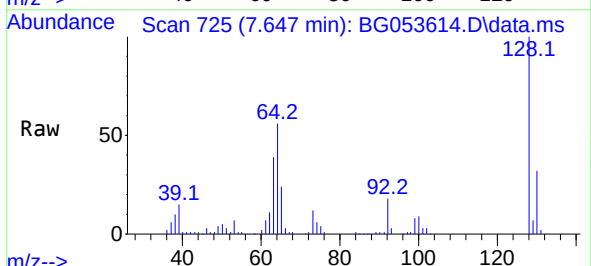
Tgt Ion: 99 Resp: 187238
Ion Ratio Lower Upper
99 100
42 20.3 17.0 25.6
71 43.2 33.8 50.8

Manual Integrations
APPROVED

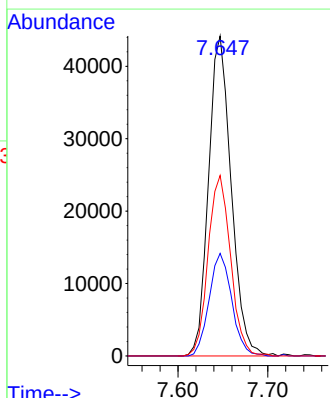
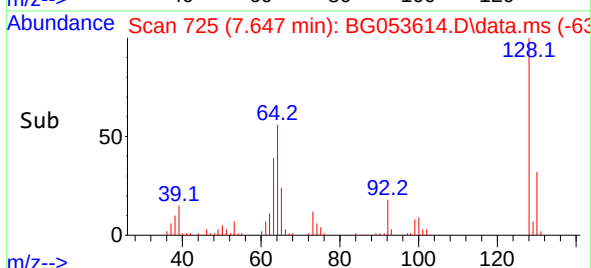
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

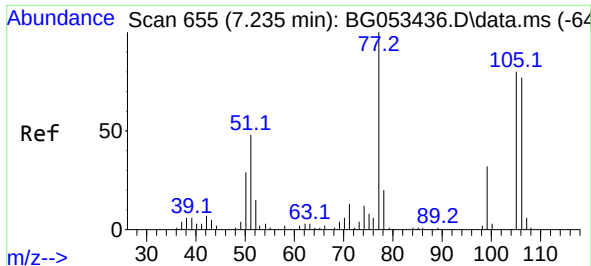


#8
2-Chlorophenol
Concen: 52.926 ng
RT: 7.647 min Scan# 725
Delta R.T. -0.008 min
Lab File: BG053614.D
Acq: 18 May 2022 22:02



Tgt Ion:128 Resp: 77451
Ion Ratio Lower Upper
128 100
130 32.0 10.5 50.5
64 56.4 35.1 75.1





#9
Benzaldehyde
Concen: 47.387 ng m
RT: 7.212 min Scan# 610
Delta R.T. -0.014 min
Lab File: BG053614.D
Acq: 18 May 2022 22:02

Instrument :

BNA_G

ClientSampleId :

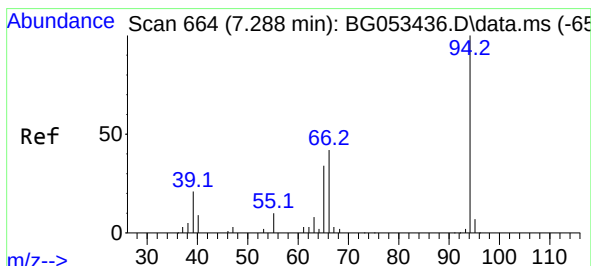
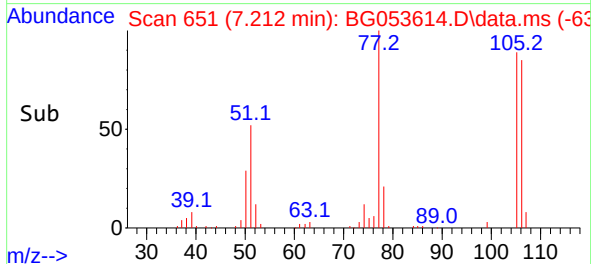
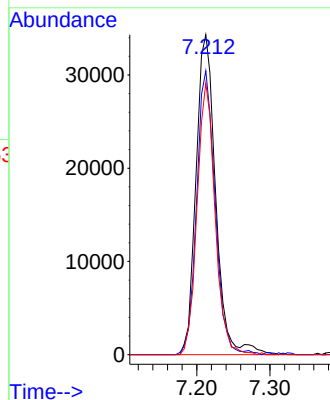
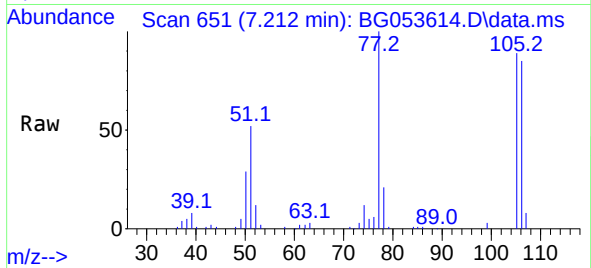
GC-2MS

Tgt Ion: 77 Resp: 6395
Ion Ratio Lower Upper
77 100
105 88.7 59.6 99.6
106 84.9 56.8 96.8

Manual Integrations

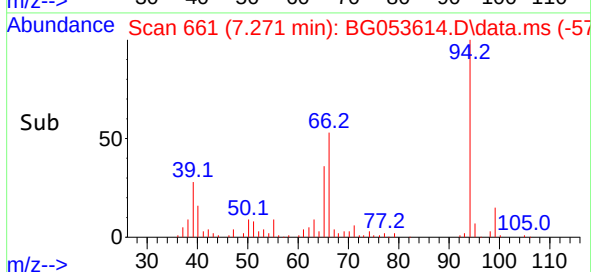
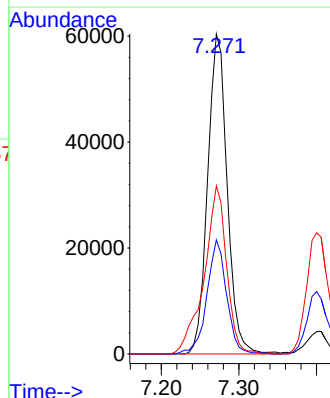
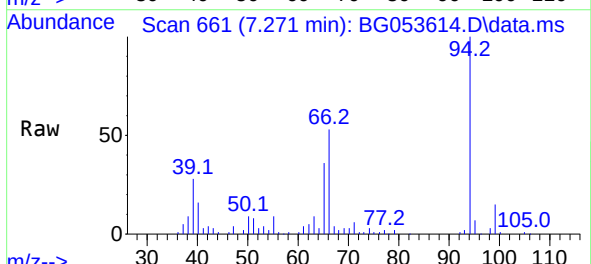
APPROVED

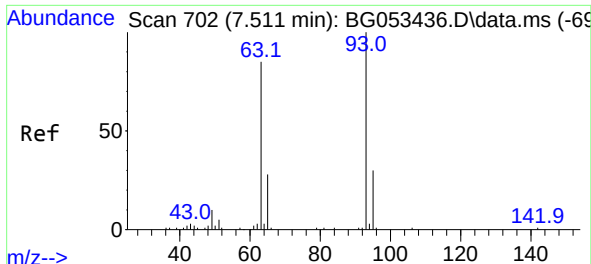
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#10
Phenol
Concen: 50.844 ng
RT: 7.271 min Scan# 661
Delta R.T. -0.008 min
Lab File: BG053614.D
Acq: 18 May 2022 22:02

Tgt Ion: 94 Resp: 105643
Ion Ratio Lower Upper
94 100
65 35.6 14.8 54.8
66 52.5 25.2 65.2





#11
bis(2-Chloroethyl)ether
Concen: 46.658 ng
RT: 7.488 min Scan# 698
Delta R.T. -0.014 min
Lab File: BG053614.D
Acq: 18 May 2022 22:02

Instrument :

BNA_G

ClientSampleId :

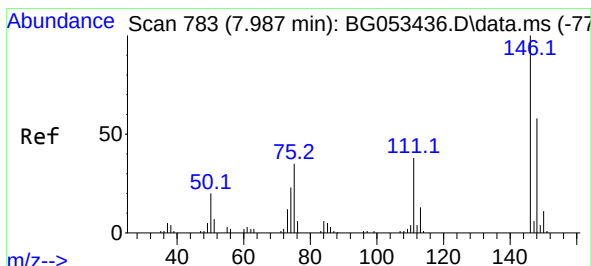
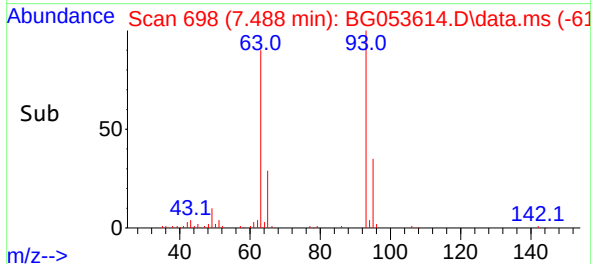
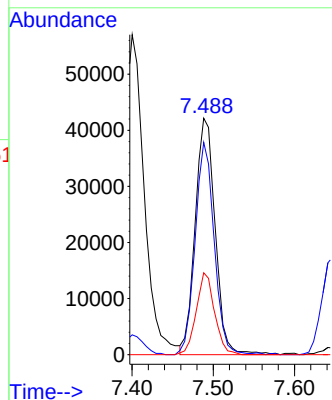
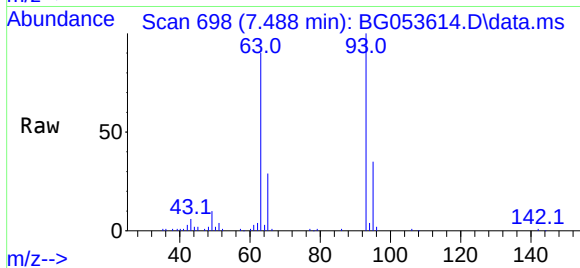
GC-2MS

Tgt Ion: 93 Resp: 7230
Ion Ratio Lower Upper
93 100
63 89.8 63.6 103.6
95 34.6 10.1 50.1

Manual Integrations

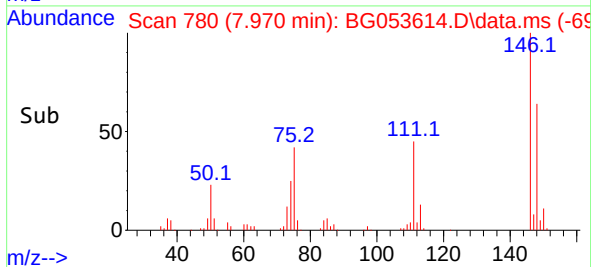
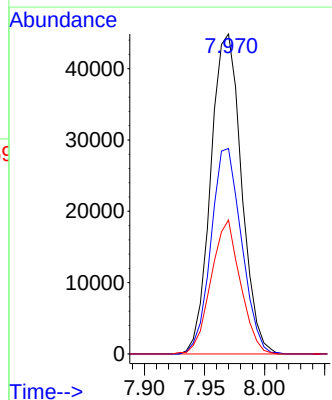
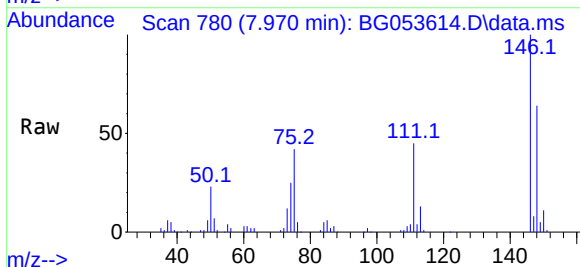
APPROVED

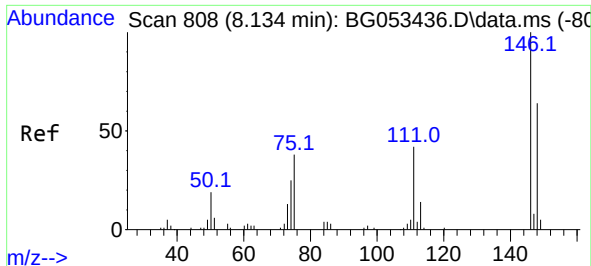
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#12
1,3-Dichlorobenzene
Concen: 46.188 ng m
RT: 7.970 min Scan# 780
Delta R.T. -0.008 min
Lab File: BG053614.D
Acq: 18 May 2022 22:02

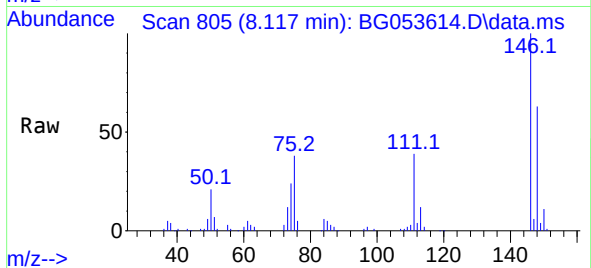
Tgt Ion:146 Resp: 79738
Ion Ratio Lower Upper
146 100
148 64.2 46.1 69.1
75 41.9 27.6 41.4#





#13
1,4-Dichlorobenzene
Concen: 46.541 ng
RT: 8.117 min Scan# 808
Delta R.T. -0.008 min
Lab File: BG053614.D
Acq: 18 May 2022 22:02

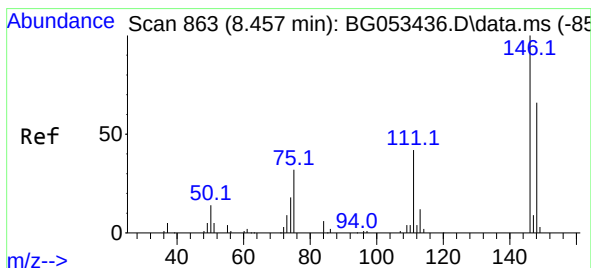
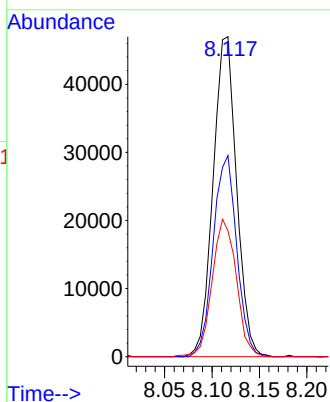
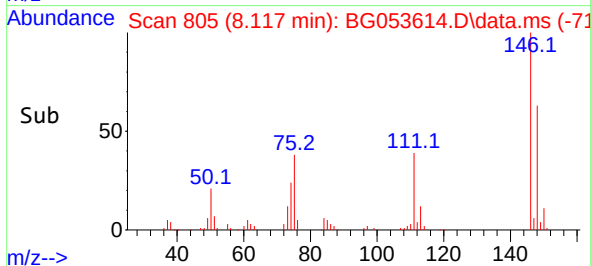
Instrument :
BNA_G
ClientSampleId :
GC-2MS



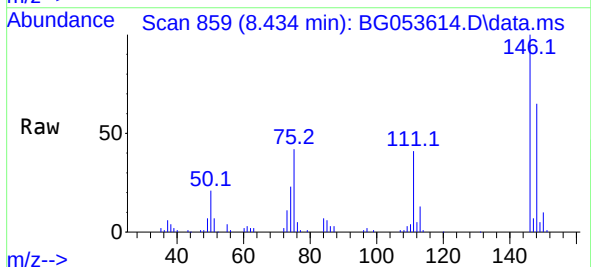
Tgt Ion:146 Resp: 81080
Ion Ratio Lower Upper
146 100
148 62.9 51.5 77.3
111 39.3 33.9 50.9

Manual Integrations
APPROVED

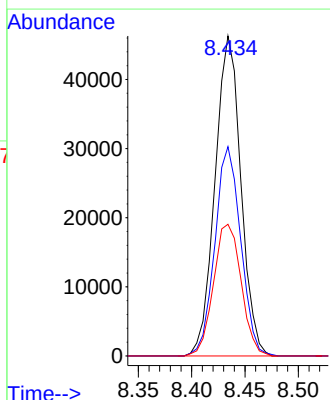
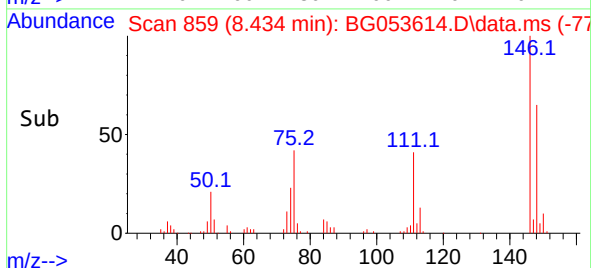
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

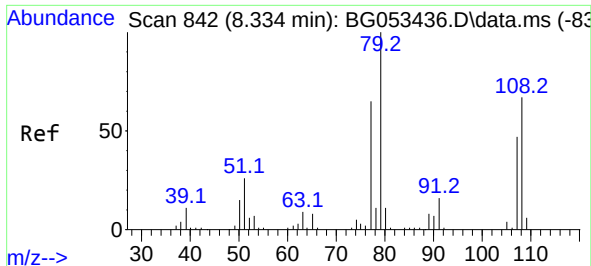


#14
1,2-Dichlorobenzene
Concen: 47.680 ng
RT: 8.434 min Scan# 859
Delta R.T. -0.008 min
Lab File: BG053614.D
Acq: 18 May 2022 22:02



Tgt Ion:146 Resp: 78000
Ion Ratio Lower Upper
146 100
148 65.4 52.6 78.8
111 41.1 34.5 51.7





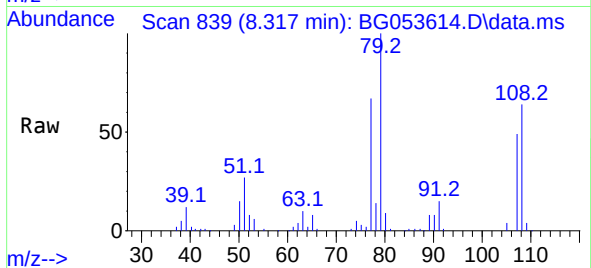
#15
Benzyl Alcohol
Concen: 44.739 ng m
RT: 8.317 min Scan# 81
Delta R.T. -0.008 min
Lab File: BG053614.D
Acq: 18 May 2022 22:02

Instrument :

BNA_G

ClientSampleId :

GC-2MS

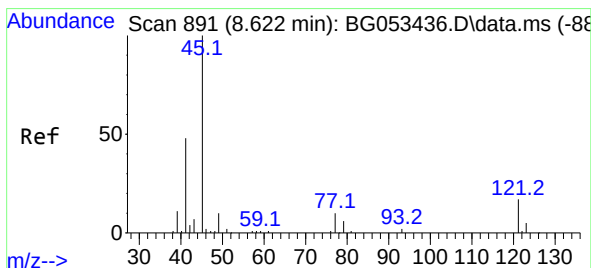
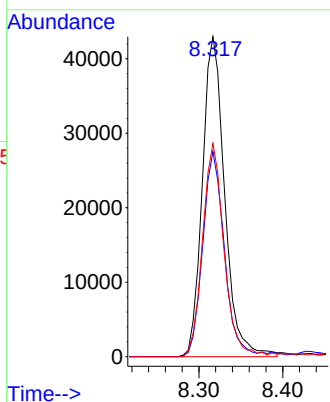
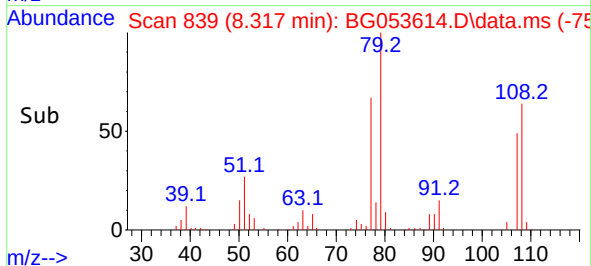


Tgt Ion: 79 Resp: 79462
Ion Ratio Lower Upper
79 100
108 64.1 53.7 80.5
77 66.6 52.2 78.4

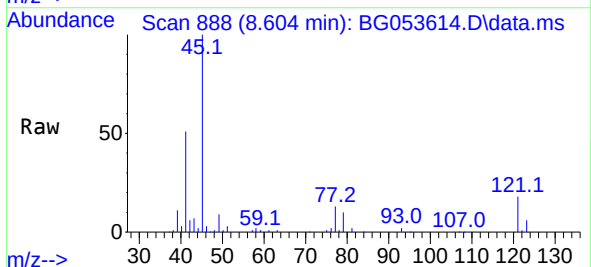
Manual Integrations

APPROVED

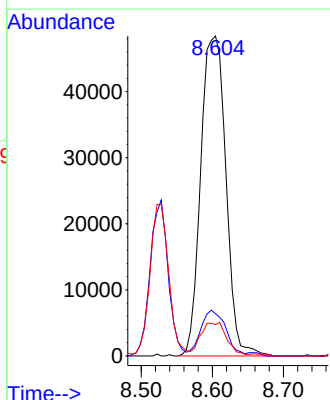
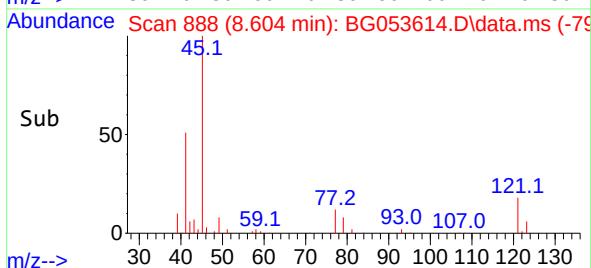
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

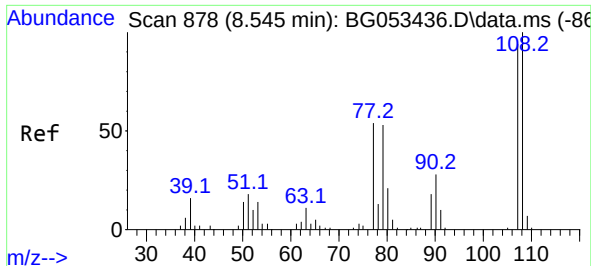


#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.306 ng
RT: 8.604 min Scan# 888
Delta R.T. -0.008 min
Lab File: BG053614.D
Acq: 18 May 2022 22:02



Tgt Ion: 45 Resp: 119310
Ion Ratio Lower Upper
45 100
77 13.2 0.0 32.7
79 9.8 0.0 29.7





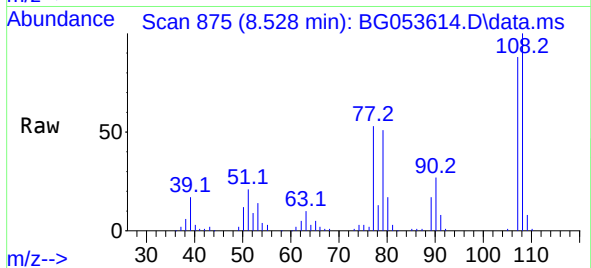
#17
2-Methylphenol
Concen: 50.499 ng
RT: 8.528 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG053614.D
Acq: 18 May 2022 22:02

Instrument :

BNA_G

ClientSampleId :

GC-2MS

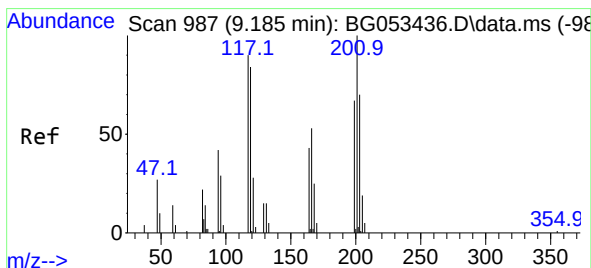
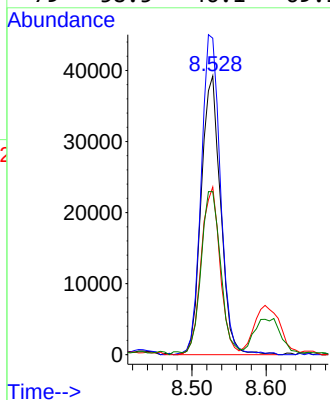
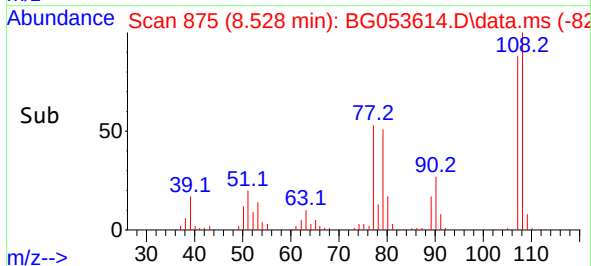


Tgt Ion:107 Resp: 70918
Ion Ratio Lower Upper
107 100
108 113.6 85.4 128.0
77 60.2 46.2 69.2
79 58.5 46.1 69.1

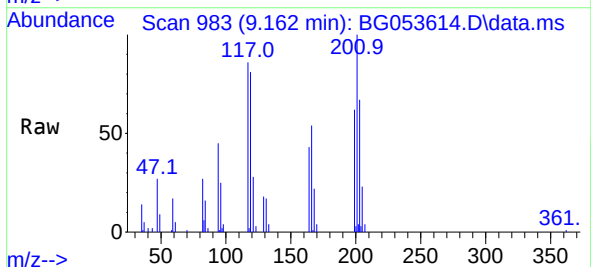
Manual Integrations

APPROVED

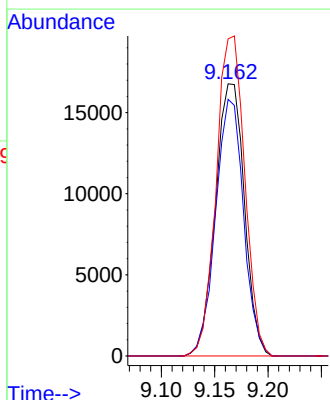
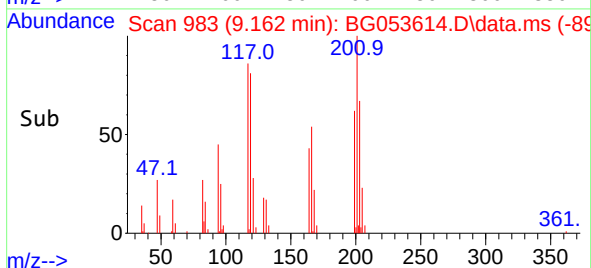
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

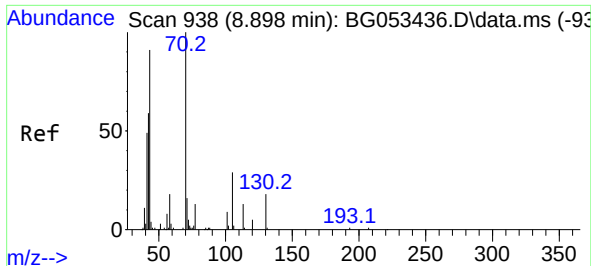


#18
Hexachloroethane
Concen: 47.811 ng
RT: 9.162 min Scan# 983
Delta R.T. -0.014 min
Lab File: BG053614.D
Acq: 18 May 2022 22:02



Tgt Ion:117 Resp: 31630
Ion Ratio Lower Upper
117 100
119 94.3 75.0 112.6
201 116.5 89.0 133.6





#19
n-Nitroso-di-n-propylamine
Concen: 46.410 ng
RT: 8.881 min Scan# 910
Delta R.T. -0.008 min
Lab File: BG053614.D
Acq: 18 May 2022 22:02

Instrument :

BNA_G

ClientSampleId :

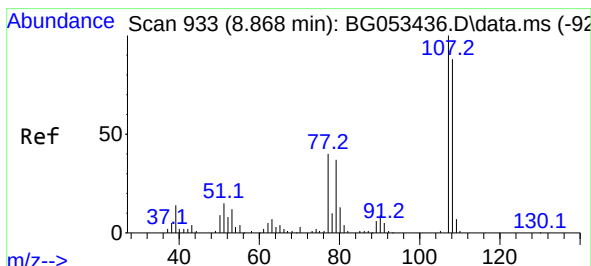
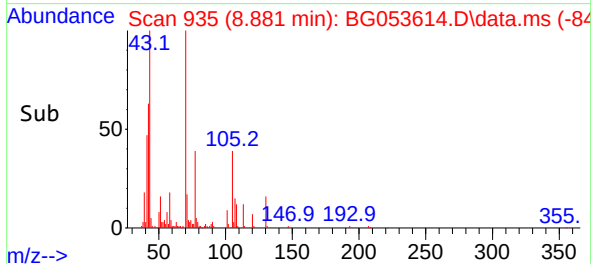
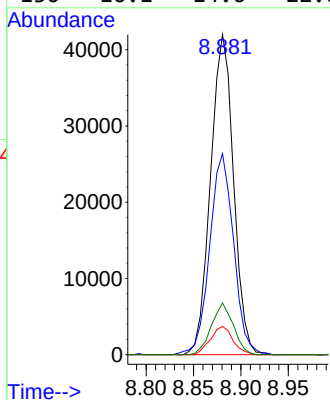
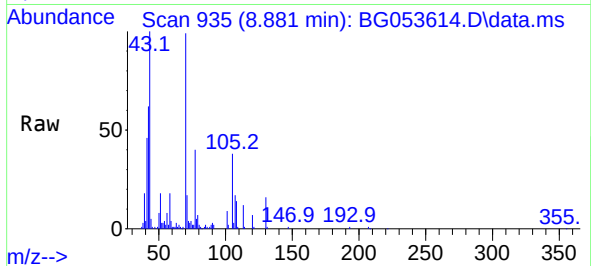
GC-2MS

Tgt Ion: 70 Resp: 7074
Ion Ratio Lower Upper
70 100
42 62.8 47.3 70.9
101 8.8 7.0 10.4
130 16.1 14.6 22.0

Manual Integrations

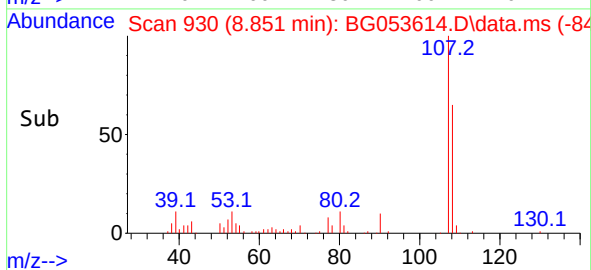
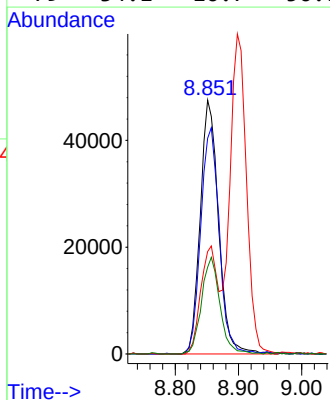
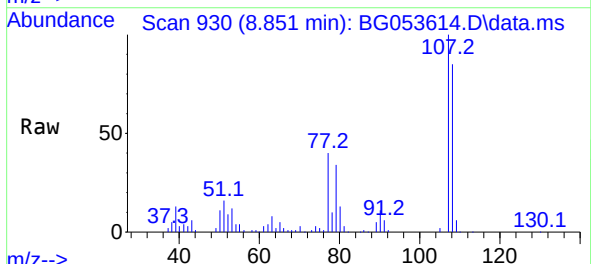
APPROVED

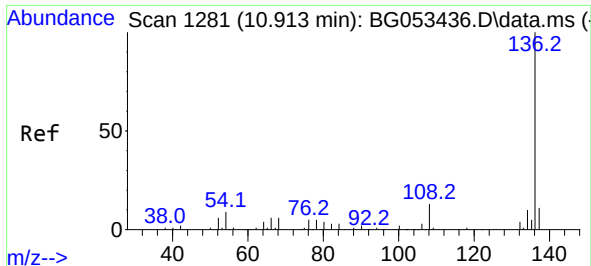
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#20
3+4-Methylphenols
Concen: 48.264 ng
RT: 8.851 min Scan# 930
Delta R.T. -0.008 min
Lab File: BG053614.D
Acq: 18 May 2022 22:02

Tgt Ion:107 Resp: 95726
Ion Ratio Lower Upper
107 100
108 85.0 67.5 107.5
77 40.3 20.3 60.3
79 34.1 16.7 56.7





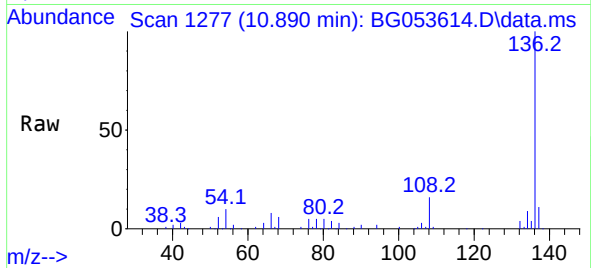
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.890 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG053614.D
Acq: 18 May 2022 22:02

Instrument :

BNA_G

ClientSampleId :

GC-2MS

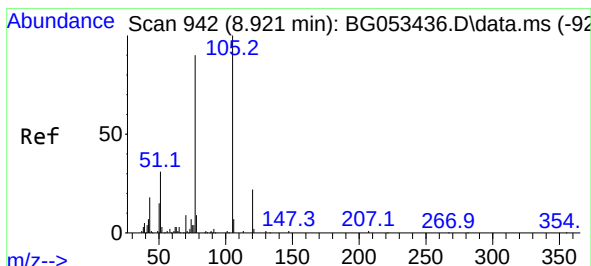
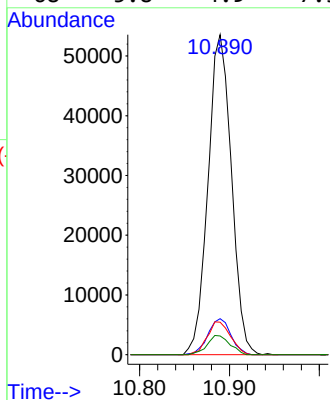
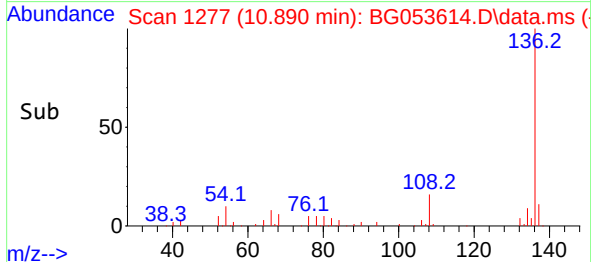


Tgt Ion:136 Resp: 96994
Ion Ratio Lower Upper
136 100
137 11.2 8.5 12.7
54 10.1 7.4 11.2
68 5.8 4.9 7.3

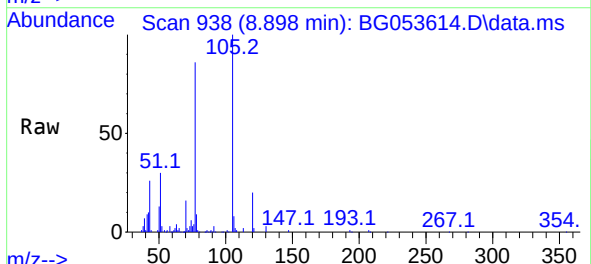
Manual Integrations

APPROVED

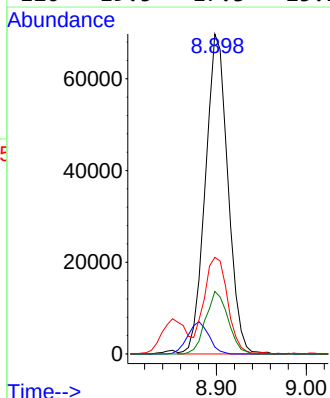
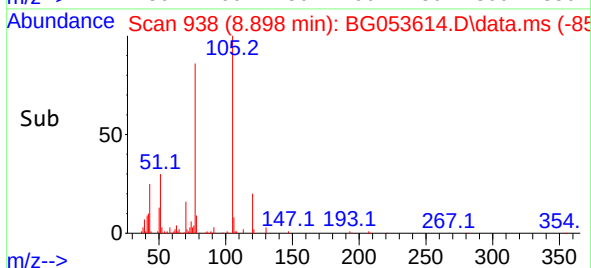
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

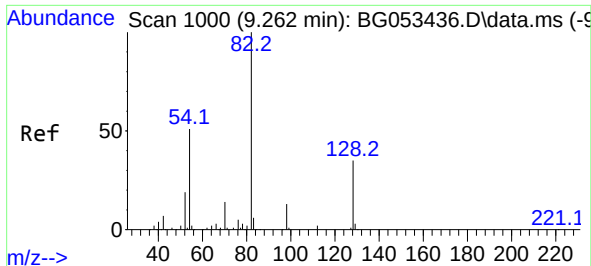


#22
Acetophenone
Concen: 45.705 ng
RT: 8.898 min Scan# 938
Delta R.T. -0.014 min
Lab File: BG053614.D
Acq: 18 May 2022 22:02



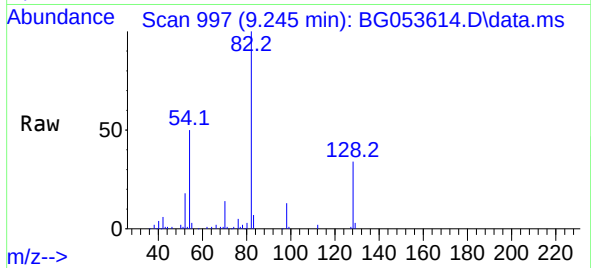
Tgt Ion:105 Resp: 121328
Ion Ratio Lower Upper
105 100
71 2.2 1.1 1.7#
51 30.2 25.4 38.0
120 19.5 17.3 25.9





#23
Nitrobenzene-d5
Concen: 55.638 ng
RT: 9.245 min Scan# 91
Delta R.T. -0.008 min
Lab File: BG053614.D
Acq: 18 May 2022 22:02

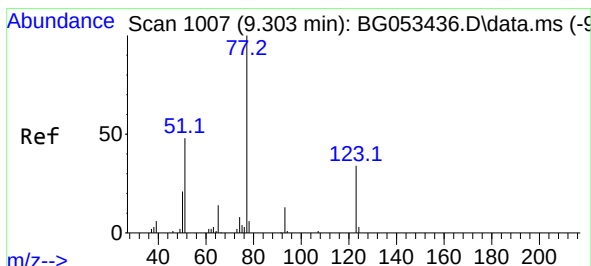
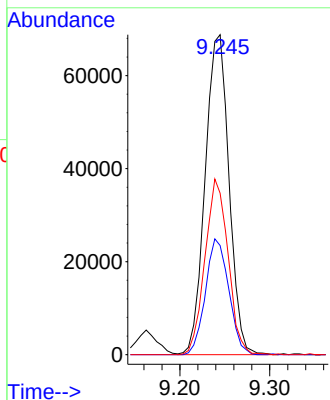
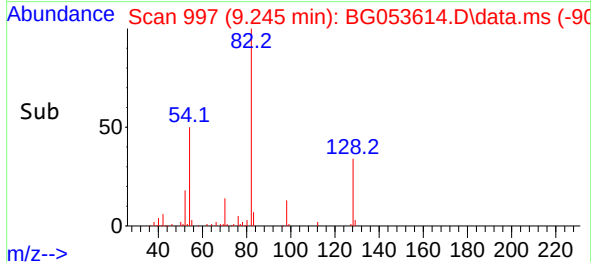
Instrument :
BNA_G
ClientSampleId :
GC-2MS



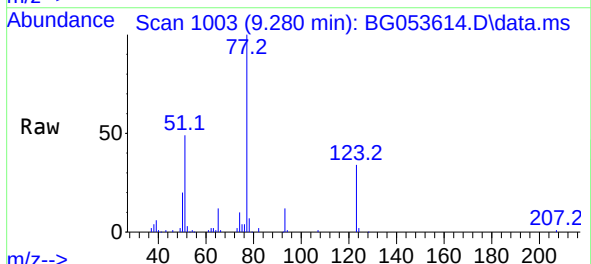
Tgt Ion: 82 Resp: 126774
Ion Ratio Lower Upper
82 100
128 34.1 27.9 41.9
54 50.4 41.2 61.8

Manual Integrations
APPROVED

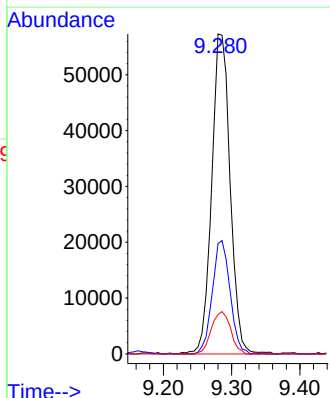
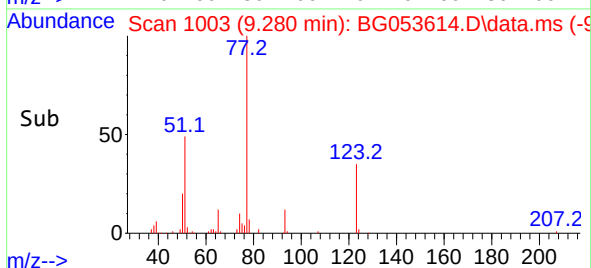
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

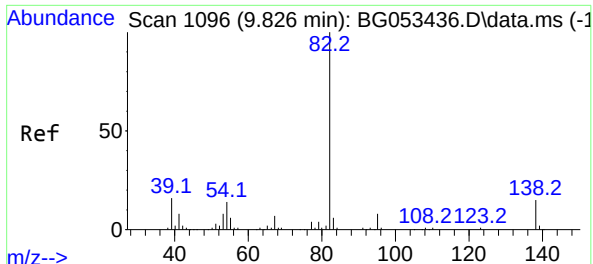


#24
Nitrobenzene
Concen: 48.874 ng
RT: 9.280 min Scan# 1003
Delta R.T. -0.014 min
Lab File: BG053614.D
Acq: 18 May 2022 22:02



Tgt Ion: 77 Resp: 107783
Ion Ratio Lower Upper
77 100
123 34.5 27.4 41.0
65 12.3 11.4 17.0





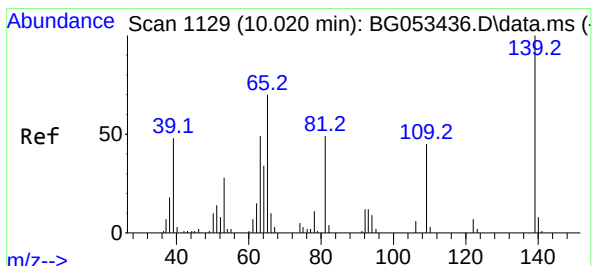
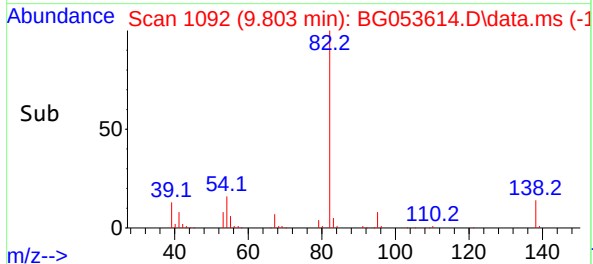
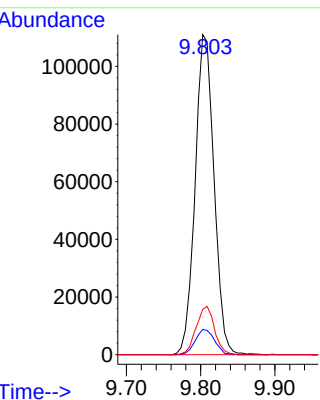
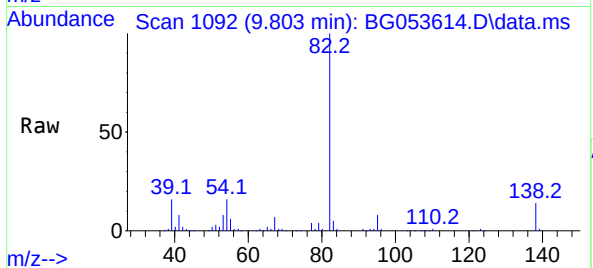
#25
Isophorone
Concen: 51.304 ng
RT: 9.803 min Scan# 1102
Delta R.T. -0.014 min
Lab File: BG053614.D
Acq: 18 May 2022 22:02

Instrument :
BNA_G
ClientSampleId :
GC-2MS

Tgt Ion: 82 Resp: 196734
Ion Ratio Lower Upper
82 100
95 7.9 6.2 9.4
138 14.2 11.6 17.4

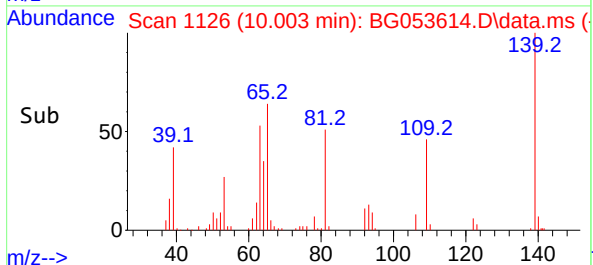
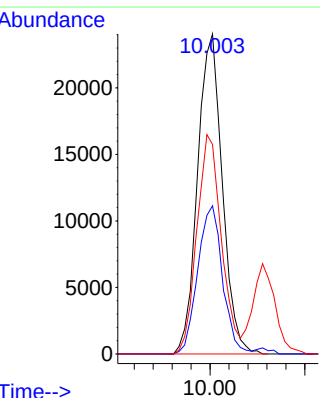
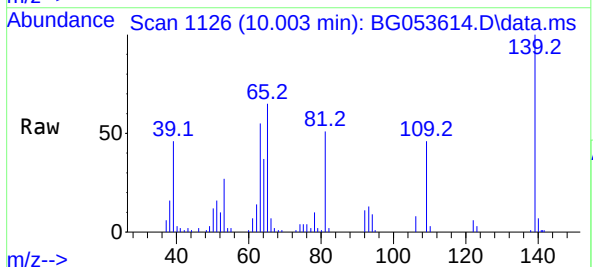
Manual Integrations
APPROVED

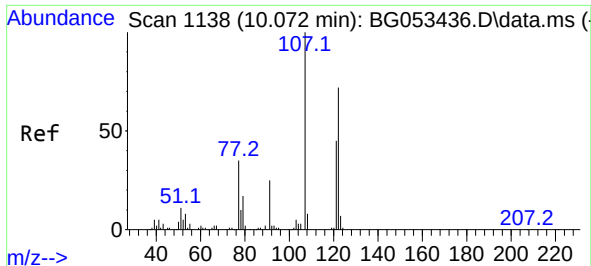
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#26
2-Nitrophenol
Concen: 48.784 ng
RT: 10.003 min Scan# 1126
Delta R.T. -0.008 min
Lab File: BG053614.D
Acq: 18 May 2022 22:02

Tgt Ion:139 Resp: 43574
Ion Ratio Lower Upper
139 100
109 46.3 36.1 54.1
65 65.5 55.8 83.6





#27

2,4-Dimethylphenol

Concen: 56.762 ng

RT: 10.055 min Scan# 1135

Delta R.T. -0.008 min

Lab File: BG053614.D

Acq: 18 May 2022 22:02

Instrument :

BNA_G

ClientSampleId :

GC-2MS

Tgt Ion:122 Resp: 76300

Ion Ratio Lower Upper

122 100

107 133.0 109.4 164.0

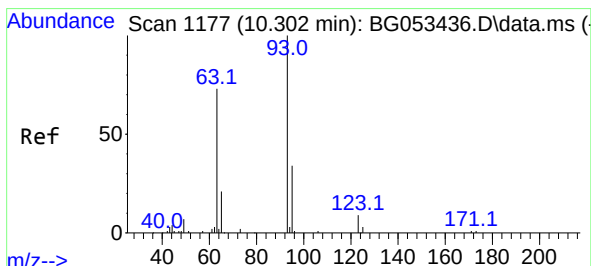
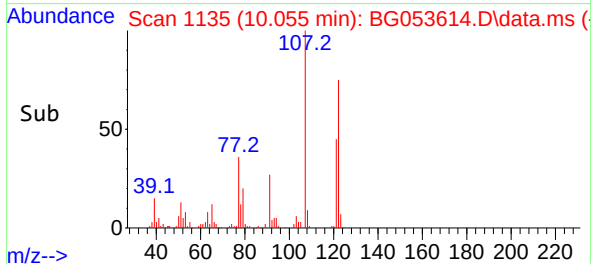
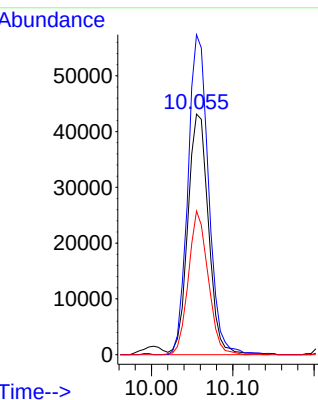
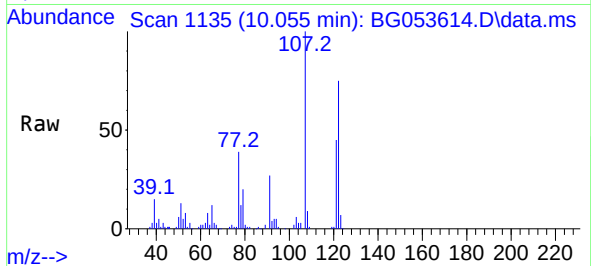
121 59.8 48.7 73.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/19/2022

Supervised By :Jagrut Upadhyay 05/19/2022



#28

bis(2-Chloroethoxy)methane

Concen: 46.371 ng

RT: 10.285 min Scan# 1174

Delta R.T. -0.008 min

Lab File: BG053614.D

Acq: 18 May 2022 22:02

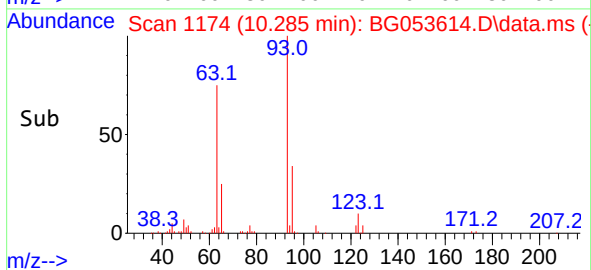
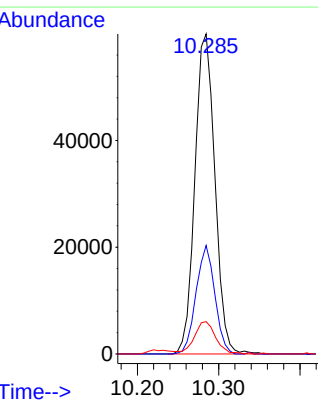
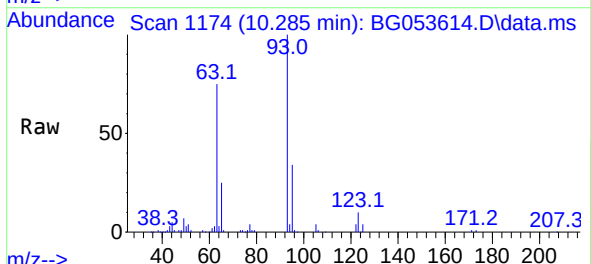
Tgt Ion: 93 Resp: 102270

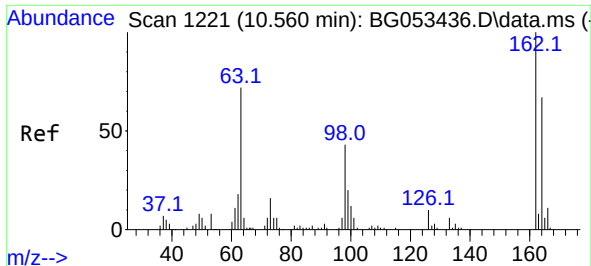
Ion Ratio Lower Upper

93 100

95 33.9 26.9 40.3

123 10.1 7.7 11.5





#29

2,4-Dichlorophenol

Concen: 51.524 ng

RT: 10.543 min Scan# 1218

Delta R.T. -0.008 min

Lab File: BG053614.D

Acq: 18 May 2022 22:02

Instrument :

BNA_G

ClientSampleId :

GC-2MS

Tgt Ion:162 Resp: 83589

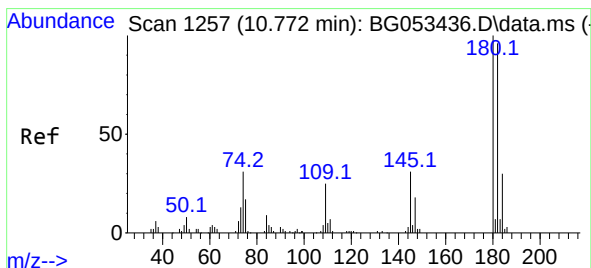
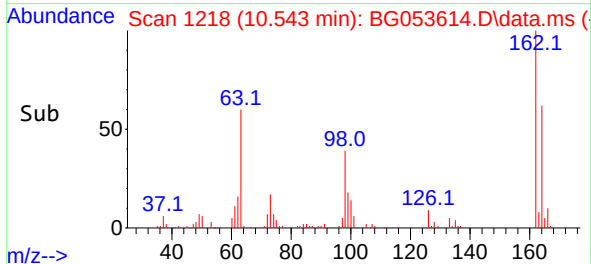
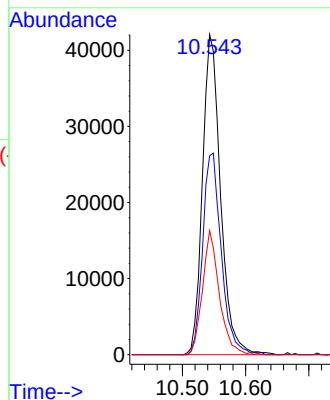
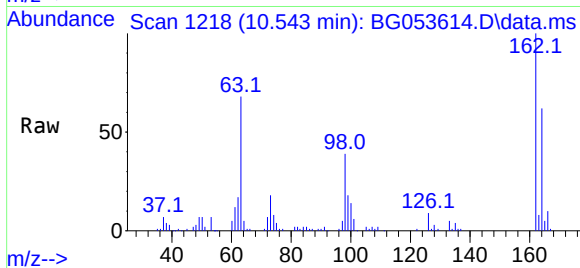
Ion	Ratio	Lower	Upper
162	100		
164	62.2	46.6	86.6
98	38.7	22.8	62.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/19/2022

Supervised By :Jagrut Upadhyay 05/19/2022



#30

1,2,4-Trichlorobenzene

Concen: 46.282 ng

RT: 10.754 min Scan# 1254

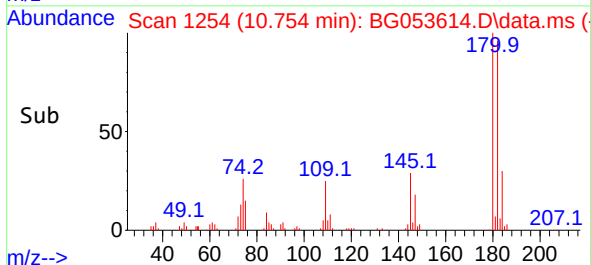
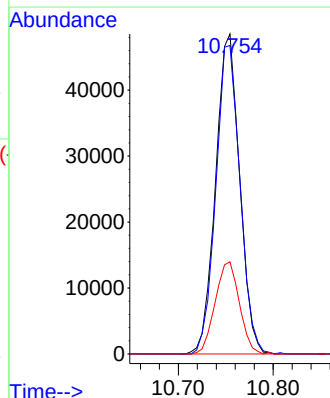
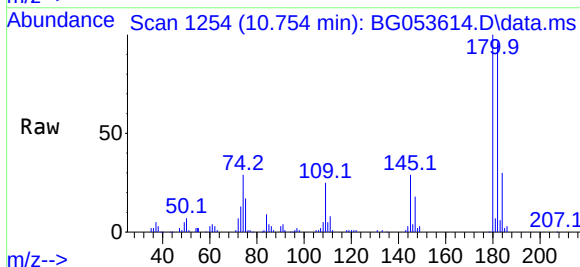
Delta R.T. -0.008 min

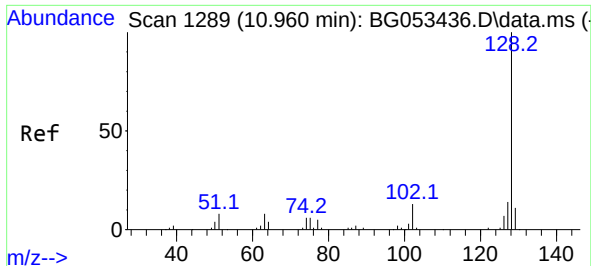
Lab File: BG053614.D

Acq: 18 May 2022 22:02

Tgt Ion:180 Resp: 85310

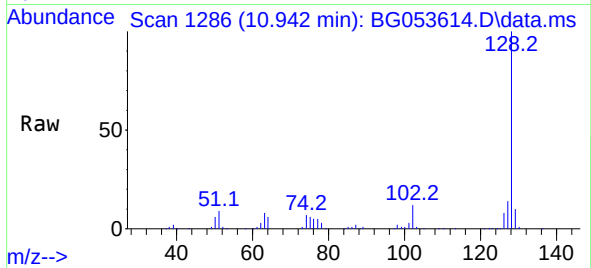
Ion	Ratio	Lower	Upper
180	100		
182	96.4	76.6	115.0
145	28.8	25.0	37.4





#31
Naphthalene
Concen: 46.958 ng
RT: 10.942 min Scan# 1164
Delta R.T. -0.008 min
Lab File: BG053614.D
Acq: 18 May 2022 22:02

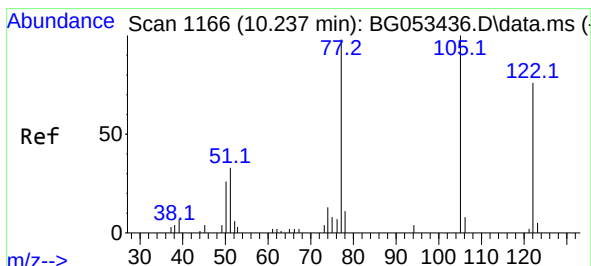
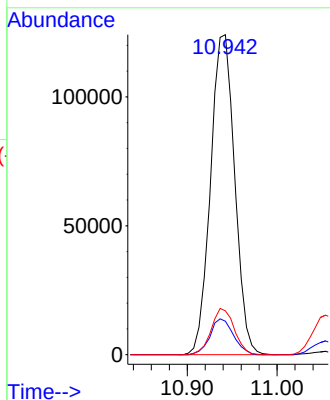
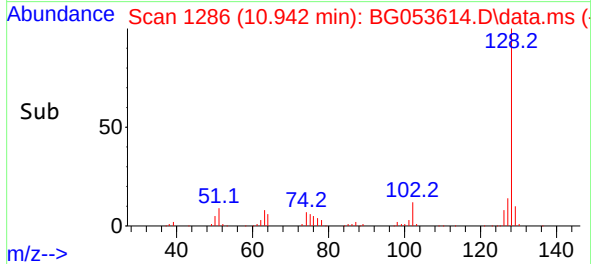
Instrument :
BNA_G
ClientSampleId :
GC-2MS



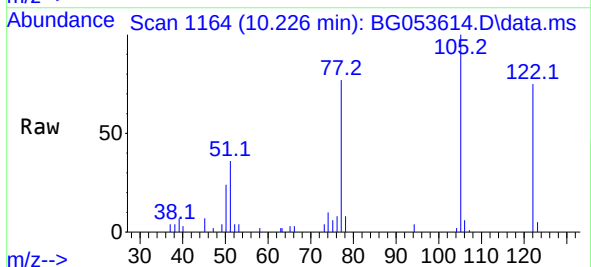
Tgt Ion:128 Resp: 23168
Ion Ratio Lower Upper
128 100
129 10.4 9.0 13.6
127 13.7 11.1 16.7

Manual Integrations
APPROVED

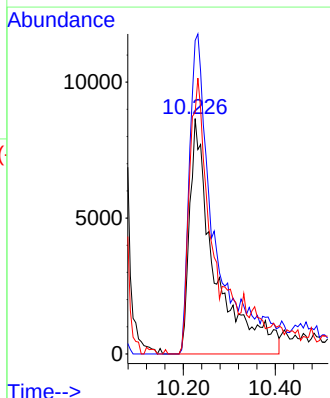
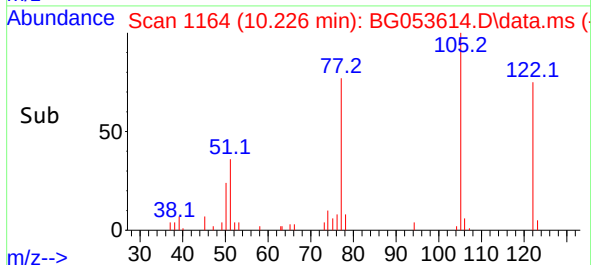
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

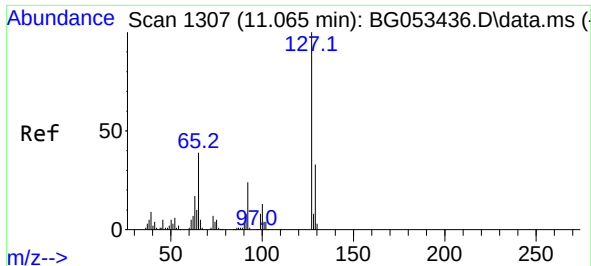


#32
Benzoic acid
Concen: 40.858 ng m
RT: 10.226 min Scan# 1164
Delta R.T. -0.014 min
Lab File: BG053614.D
Acq: 18 May 2022 22:02



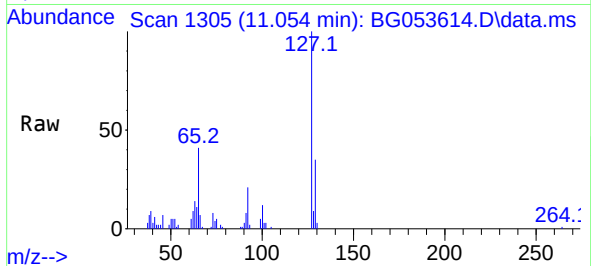
Tgt Ion:122 Resp: 33042
Ion Ratio Lower Upper
122 100
105 133.1 111.8 151.8
77 102.6 109.4 149.4#





#33
4-Chloroaniline
Concen: 16.809 ng
RT: 11.054 min Scan# 11054
Delta R.T. -0.002 min
Lab File: BG053614.D
Acq: 18 May 2022 22:02

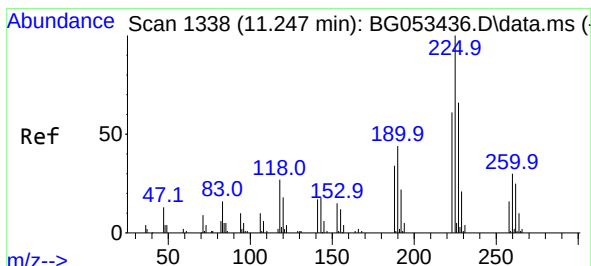
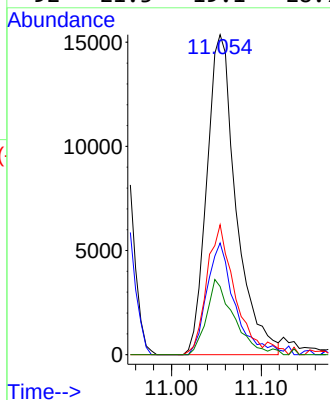
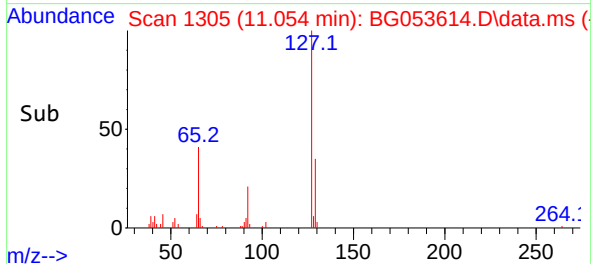
Instrument :
BNA_G
ClientSampleId :
GC-2MS



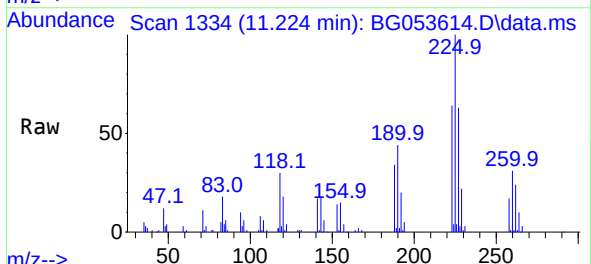
Tgt Ion:	127	Resp:	3473
Ion Ratio	Lower	Upper	
127	100		
129	34.9	26.3	39.5
65	40.6	31.1	46.7
92	21.3	19.1	28.7

Manual Integrations
APPROVED

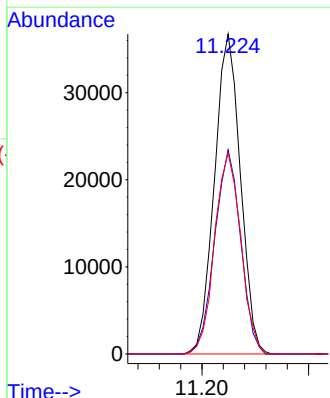
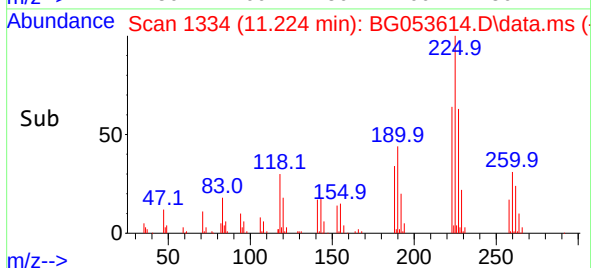
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

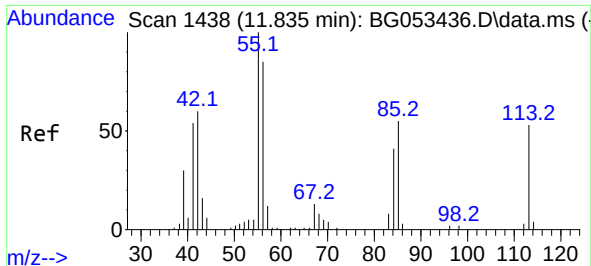


#34
Hexachlorobutadiene
Concen: 45.341 ng
RT: 11.224 min Scan# 1334
Delta R.T. -0.014 min
Lab File: BG053614.D
Acq: 18 May 2022 22:02



Tgt Ion:	225	Resp:	61974
Ion Ratio	Lower	Upper	
225	100		
223	63.8	48.9	73.3
227	62.9	52.8	79.2





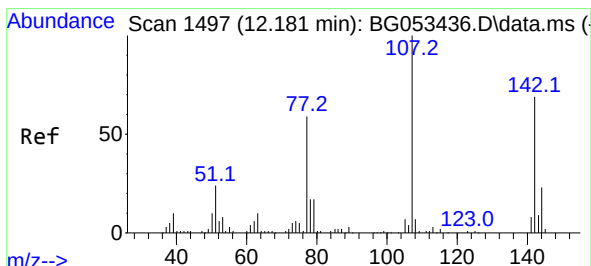
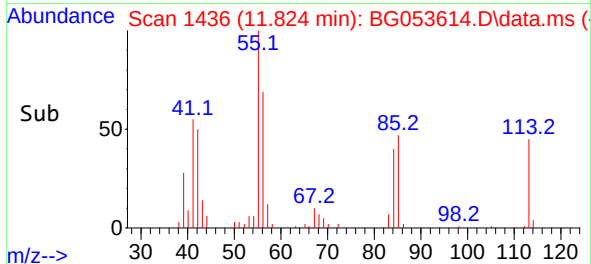
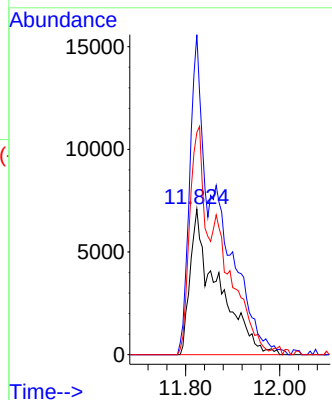
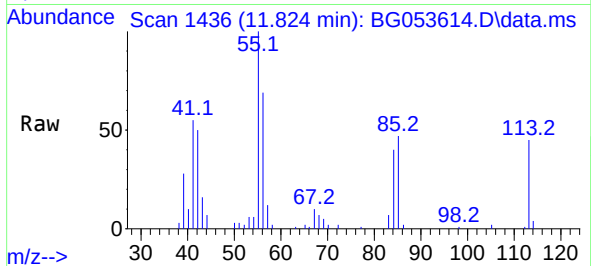
#35
Caprolactam
Concen: 49.312 ng m
RT: 11.824 min Scan# 1438
Delta R.T. -0.008 min
Lab File: BG053614.D
Acq: 18 May 2022 22:02

Instrument :
BNA_G
ClientSampleId :
GC-2MS

Tgt Ion:113 Resp: 29072
Ion Ratio Lower Upper
113 100
55 219.9 169.8 209.8
56 152.7 141.2 181.2

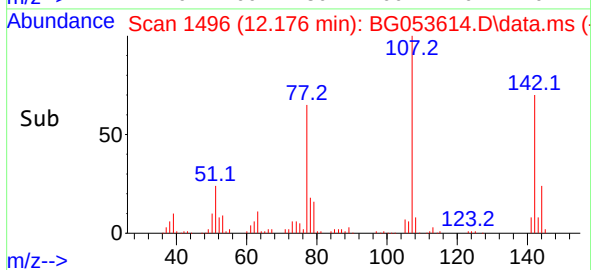
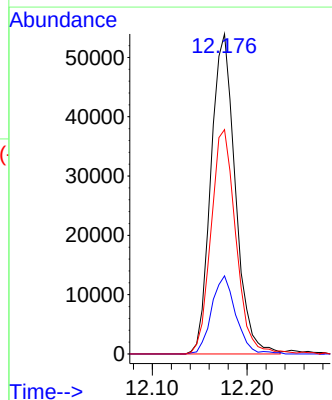
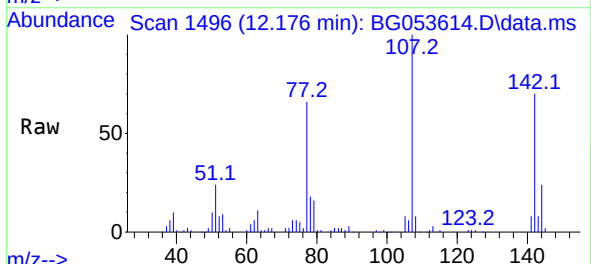
Manual Integrations
APPROVED

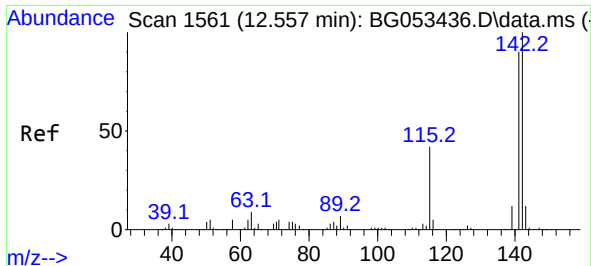
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#36
4-Chloro-3-methylphenol
Concen: 49.725 ng
RT: 12.176 min Scan# 1496
Delta R.T. -0.002 min
Lab File: BG053614.D
Acq: 18 May 2022 22:02

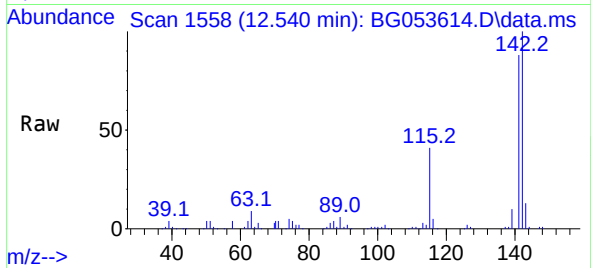
Tgt Ion:107 Resp: 96496
Ion Ratio Lower Upper
107 100
144 24.4 18.5 27.7
142 70.1 55.0 82.4





#37
2-Methylnaphthalene
Concen: 45.926 ng
RT: 12.540 min Scan# 1558
Delta R.T. -0.008 min
Lab File: BG053614.D
Acq: 18 May 2022 22:02

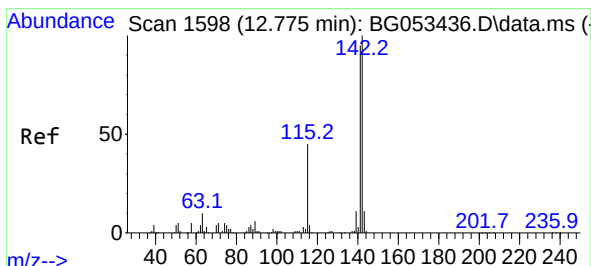
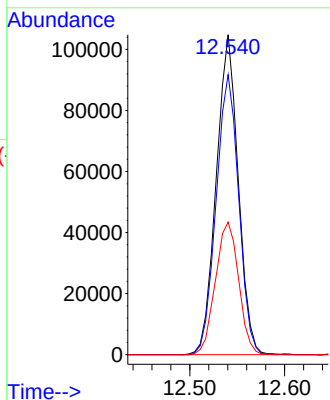
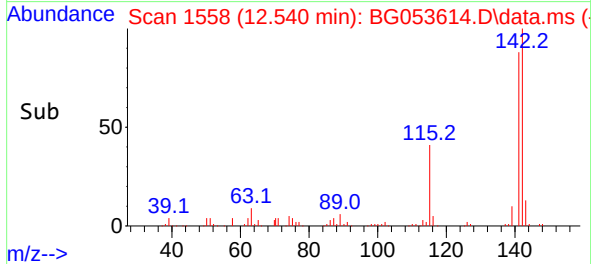
Instrument :
BNA_G
ClientSampleId :
GC-2MS



Tgt Ion:142 Resp: 16910
Ion Ratio Lower Upper
142 100
141 87.5 72.3 108.5
115 41.5 33.7 50.5

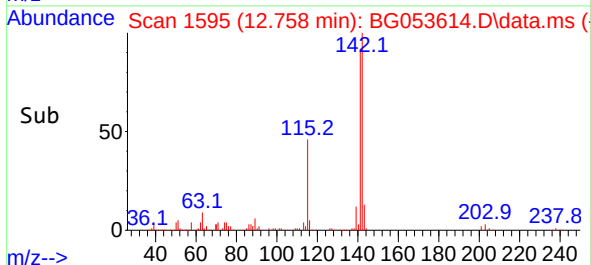
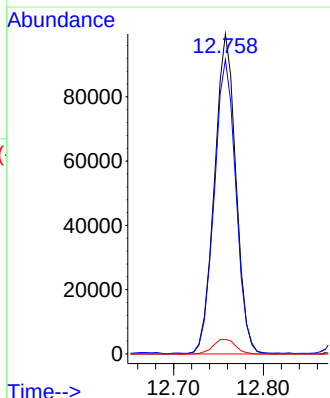
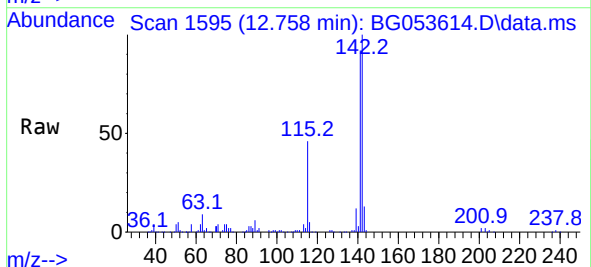
Manual Integrations
APPROVED

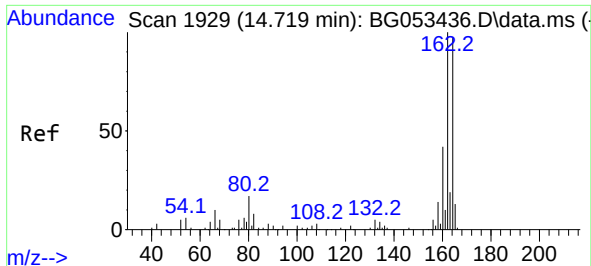
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#38
1-Methylnaphthalene
Concen: 45.780 ng
RT: 12.758 min Scan# 1595
Delta R.T. -0.008 min
Lab File: BG053614.D
Acq: 18 May 2022 22:02

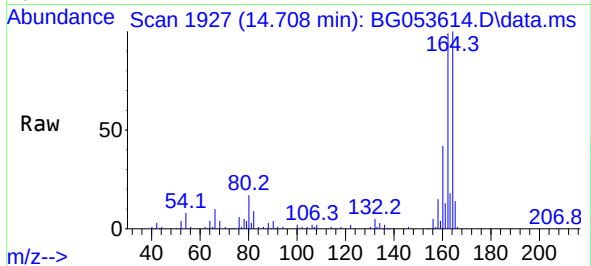
Tgt Ion:142 Resp: 164459
Ion Ratio Lower Upper
142 100
141 92.0 76.4 114.6
116 4.6 3.3 4.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.708 min Scan# 1929
Delta R.T. -0.008 min
Lab File: BG053614.D
Acq: 18 May 2022 22:02

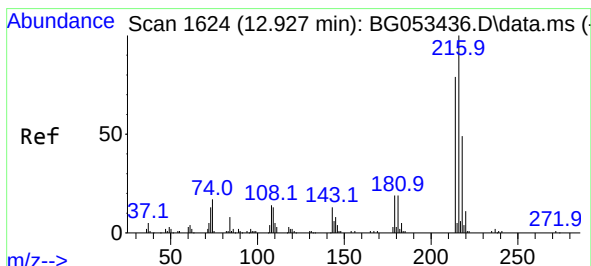
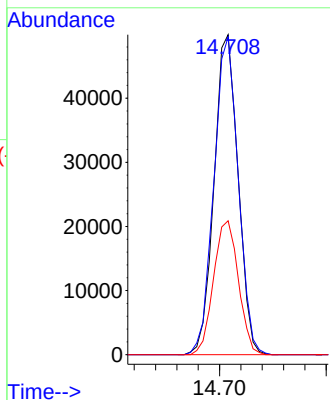
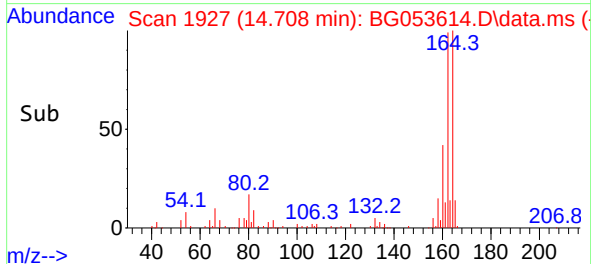
Instrument :
BNA_G
ClientSampleId :
GC-2MS



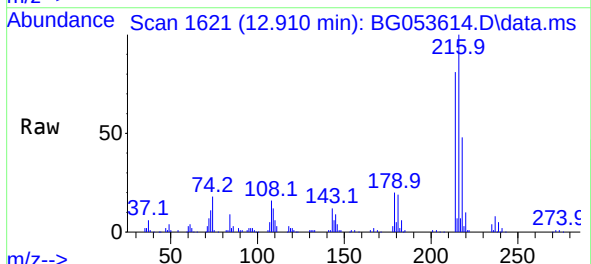
Tgt Ion:164 Resp: 7760
Ion Ratio Lower Upper
164 100
162 99.3 82.3 123.5
160 41.9 34.2 51.2

Manual Integrations
APPROVED

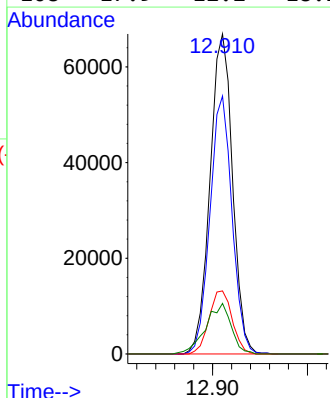
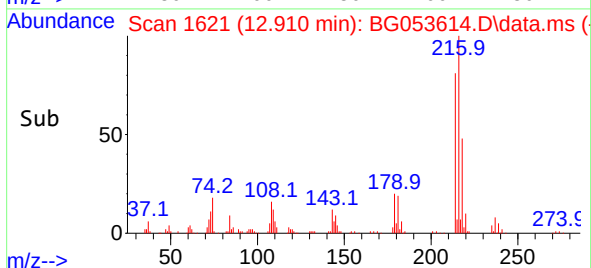
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

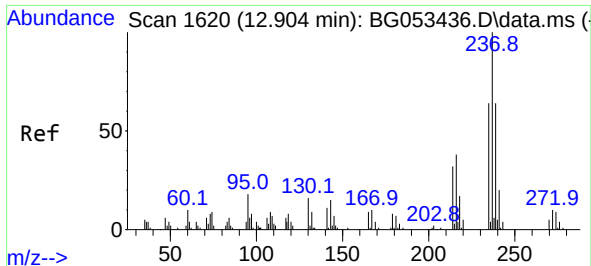


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.043 ng
RT: 12.910 min Scan# 1621
Delta R.T. -0.008 min
Lab File: BG053614.D
Acq: 18 May 2022 22:02



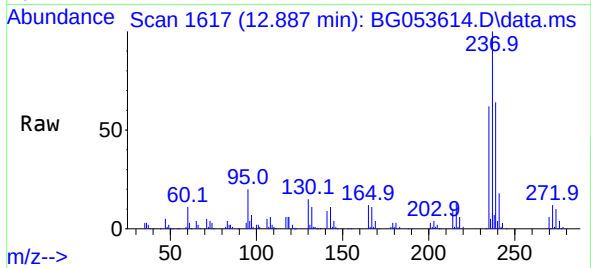
Tgt Ion:216 Resp: 110182
Ion Ratio Lower Upper
216 100
214 79.0 62.9 94.3
179 20.3 16.1 24.1
108 17.9 12.2 18.2





#41
Hexachlorocyclopentadiene
Concen: 100.855 ng
RT: 12.887 min Scan# 1
Delta R.T. -0.014 min
Lab File: BG053614.D
Acq: 18 May 2022 22:02

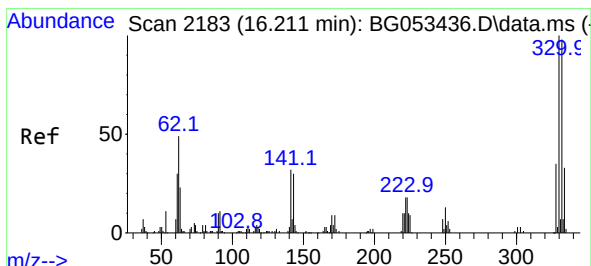
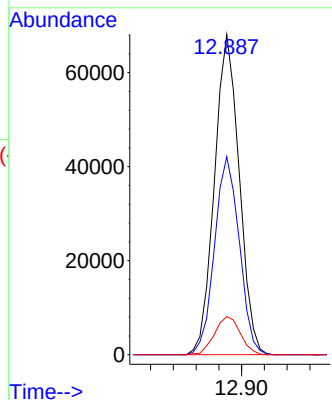
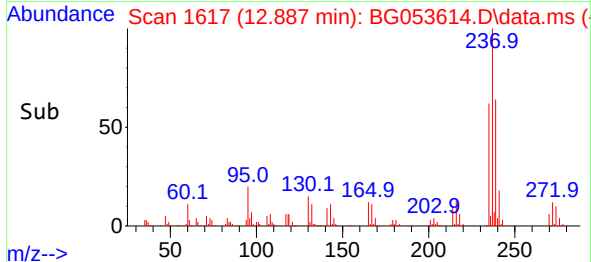
Instrument :
BNA_G
ClientSampleId :
GC-2MS



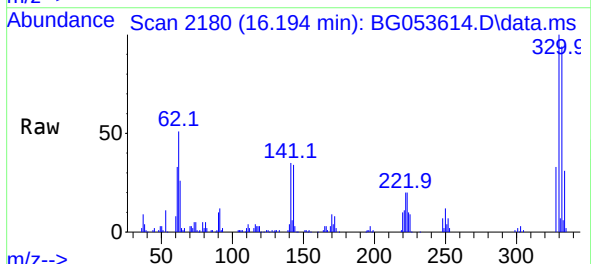
Tgt Ion:237 Resp: 103069
Ion Ratio Lower Upper
237 100
235 61.9 43.5 83.5
272 11.9 0.0 30.1

Manual Integrations
APPROVED

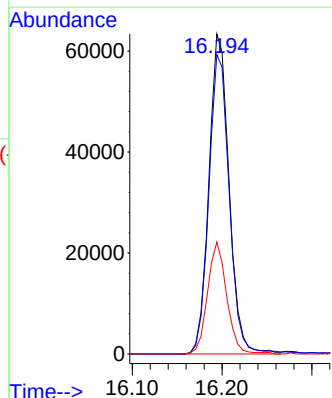
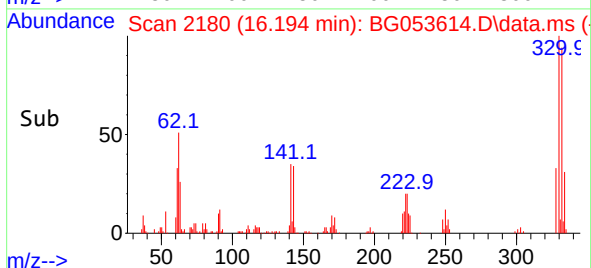
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

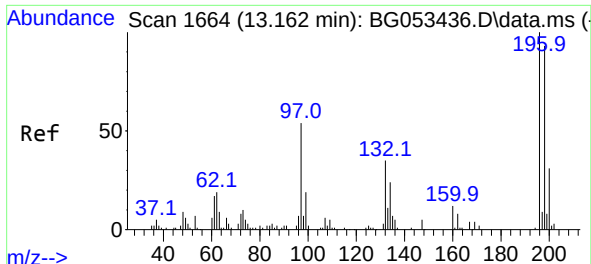


#42
2,4,6-Tribromophenol
Concen: 86.271 ng
RT: 16.194 min Scan# 2180
Delta R.T. -0.008 min
Lab File: BG053614.D
Acq: 18 May 2022 22:02



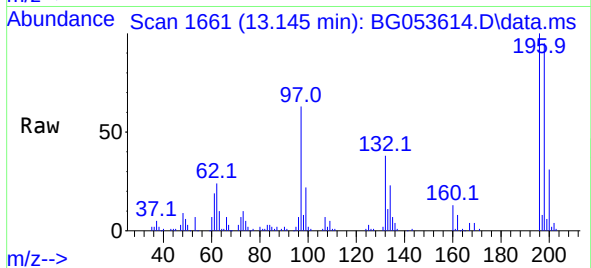
Tgt Ion:330 Resp: 98742
Ion Ratio Lower Upper
330 100
332 95.3 76.0 114.0
141 33.2 27.1 40.7





#43
2,4,6-Trichlorophenol
Concen: 48.109 ng
RT: 13.145 min Scan# 1661
Delta R.T. -0.008 min
Lab File: BG053614.D
Acq: 18 May 2022 22:02

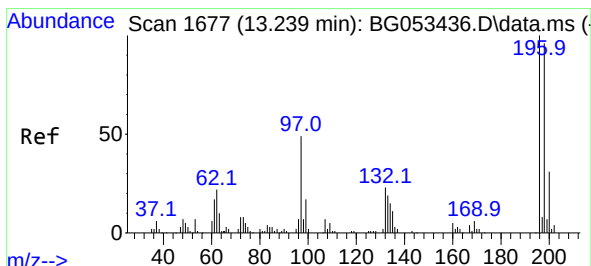
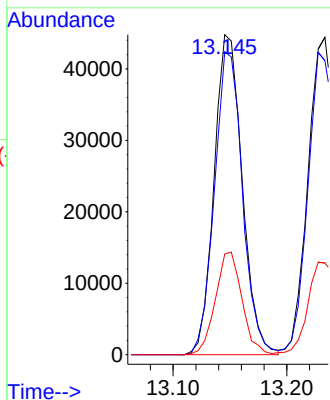
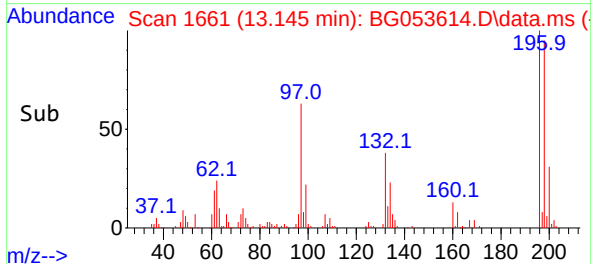
Instrument :
BNA_G
ClientSampleId :
GC-2MS



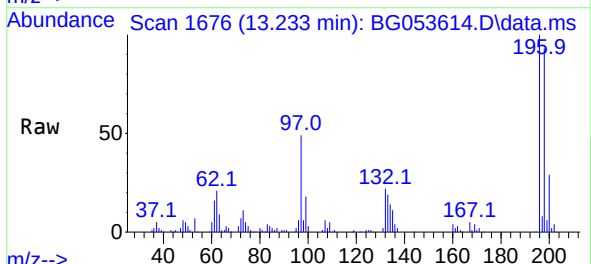
Tgt Ion:196 Resp: 7681
Ion Ratio Lower Upper
196 100
198 94.7 74.1 111.1
200 31.5 24.7 37.1

Manual Integrations
APPROVED

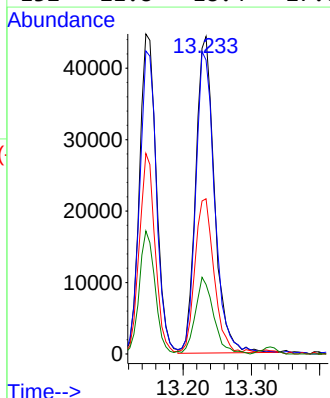
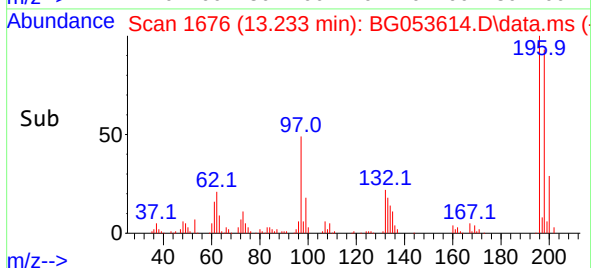
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

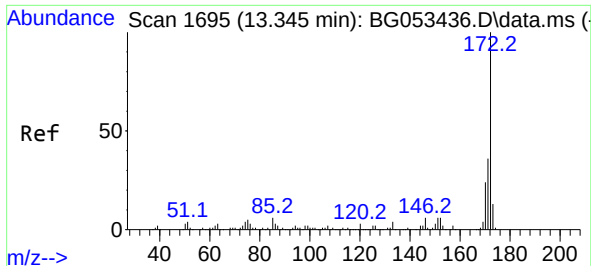


#44
2,4,5-Trichlorophenol
Concen: 49.896 ng
RT: 13.233 min Scan# 1676
Delta R.T. -0.002 min
Lab File: BG053614.D
Acq: 18 May 2022 22:02



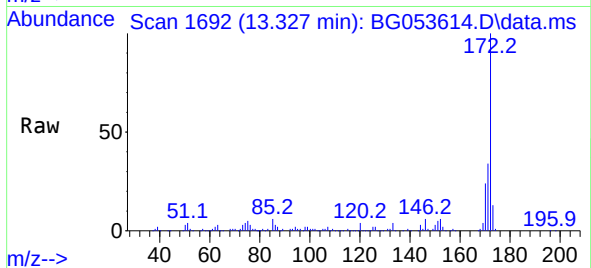
Tgt Ion:196 Resp: 84793
Ion Ratio Lower Upper
196 100
198 92.6 76.8 115.2
97 48.9 39.8 59.6
132 21.8 18.4 27.6





#45
2-Fluorobiphenyl
Concen: 51.500 ng
RT: 13.327 min Scan# 1728
Delta R.T. -0.008 min
Lab File: BG053614.D
Acq: 18 May 2022 22:02

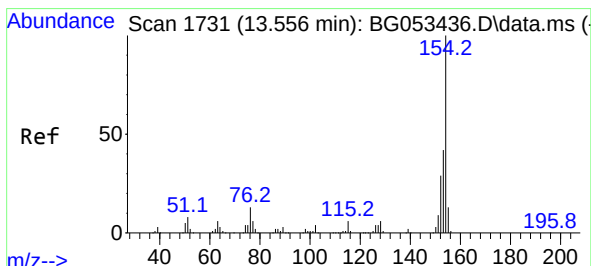
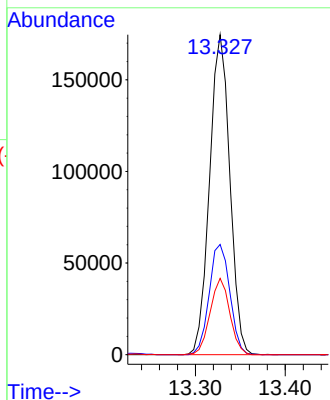
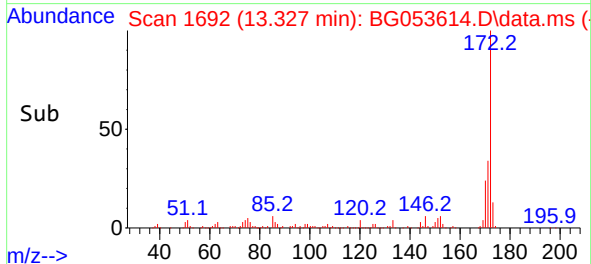
Instrument :
BNA_G
ClientSampleId :
GC-2MS



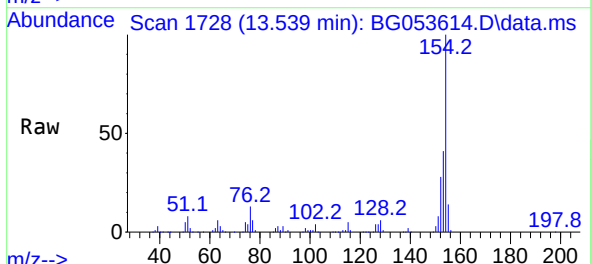
Tgt Ion:172 Resp: 27349
Ion Ratio Lower Upper
172 100
171 34.5 28.5 42.7
170 23.8 18.9 28.3

Manual Integrations
APPROVED

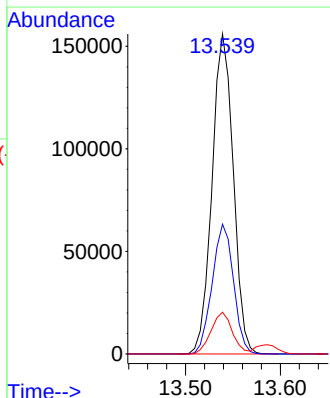
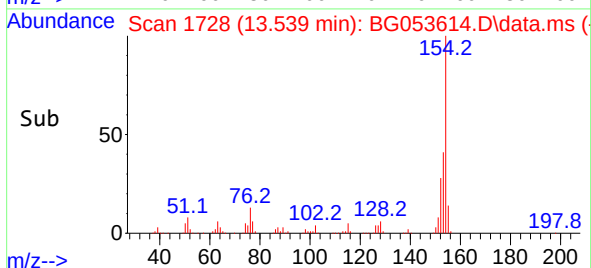
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

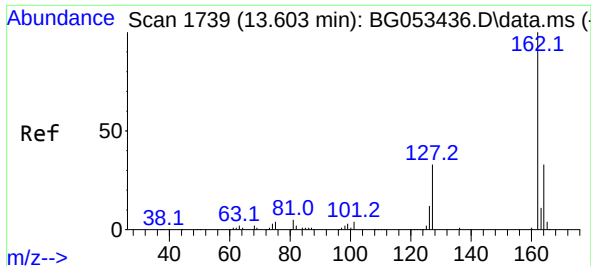


#46
1,1'-Biphenyl
Concen: 45.812 ng
RT: 13.539 min Scan# 1728
Delta R.T. -0.008 min
Lab File: BG053614.D
Acq: 18 May 2022 22:02



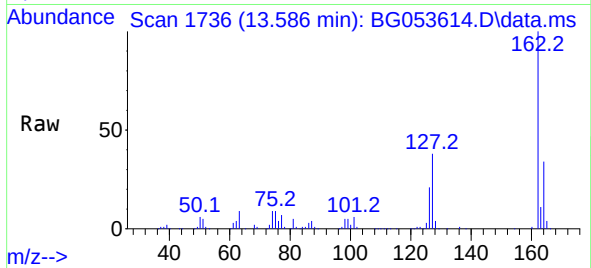
Tgt Ion:154 Resp: 242333
Ion Ratio Lower Upper
154 100
153 40.5 21.6 61.6
76 13.1 0.0 32.6





#47
2-Chloronaphthalene
Concen: 45.494 ng
RT: 13.586 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG053614.D
Acq: 18 May 2022 22:02

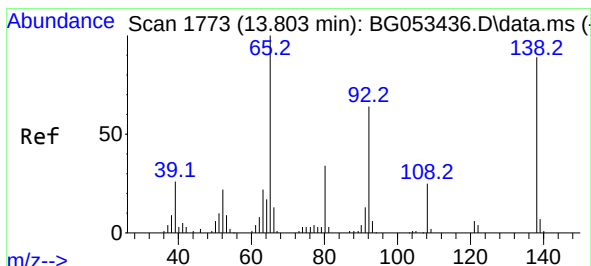
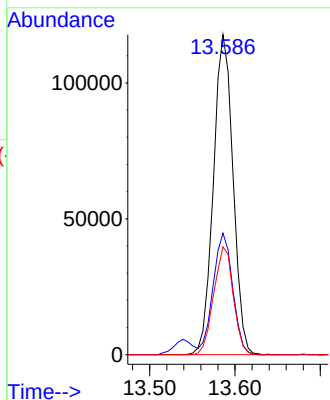
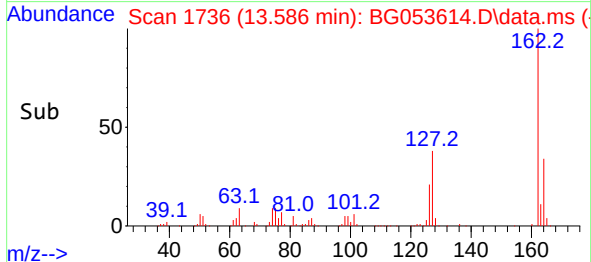
Instrument :
BNA_G
ClientSampleId :
GC-2MS



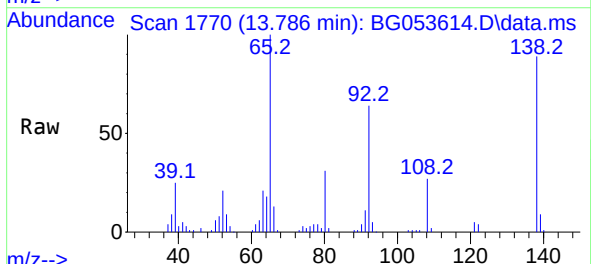
Tgt Ion:162 Resp: 188544
Ion Ratio Lower Upper
162 100
127 38.0 30.6 45.8
164 33.7 26.5 39.7

Manual Integrations
APPROVED

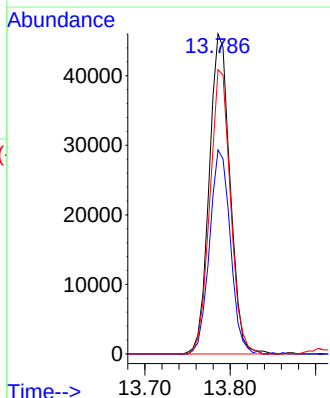
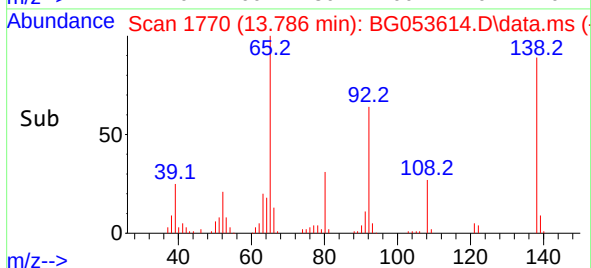
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

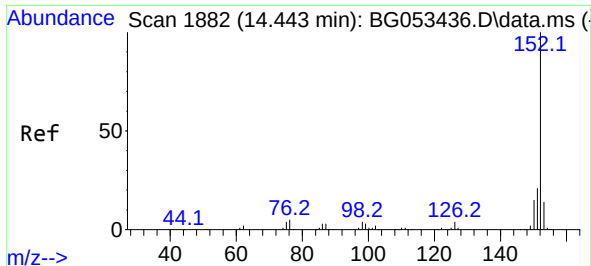


#48
2-Nitroaniline
Concen: 50.476 ng
RT: 13.786 min Scan# 1770
Delta R.T. -0.008 min
Lab File: BG053614.D
Acq: 18 May 2022 22:02



Tgt Ion: 65 Resp: 77949
Ion Ratio Lower Upper
65 100
92 63.7 51.5 77.3
138 88.9 71.3 106.9





#49

Acenaphthylene

Concen: 48.815 ng

RT: 14.432 min Scan# 1882

Delta R.T. -0.008 min

Lab File: BG053614.D

Acq: 18 May 2022 22:02

Instrument :

BNA_G

ClientSampleId :

GC-2MS

Tgt Ion:152 Resp: 322829

Ion Ratio Lower Upper

152 100

151 21.6 16.4 24.6

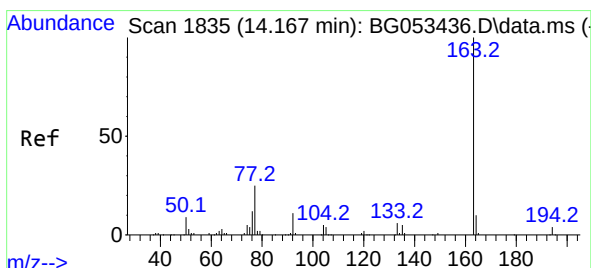
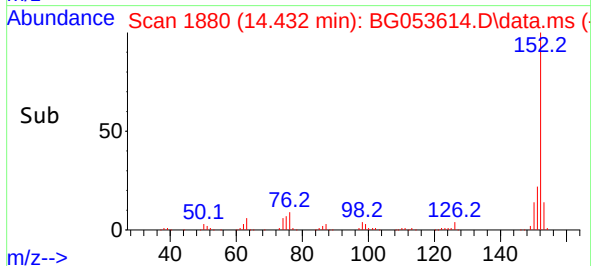
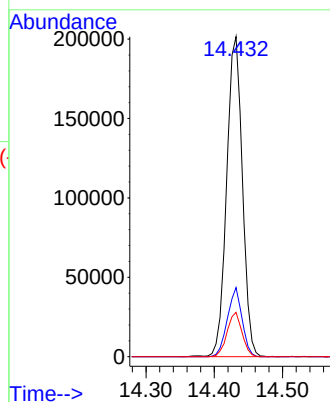
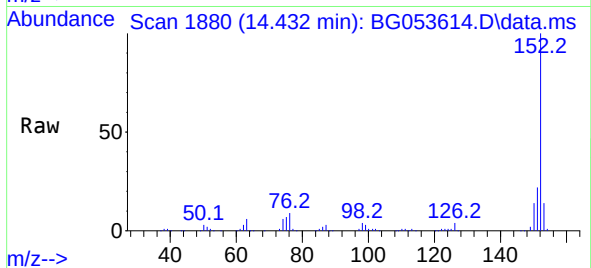
153 13.8 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/19/2022

Supervised By :Jagrut Upadhyay 05/19/2022



#50

Dimethylphthalate

Concen: 45.883 ng

RT: 14.156 min Scan# 1833

Delta R.T. -0.008 min

Lab File: BG053614.D

Acq: 18 May 2022 22:02

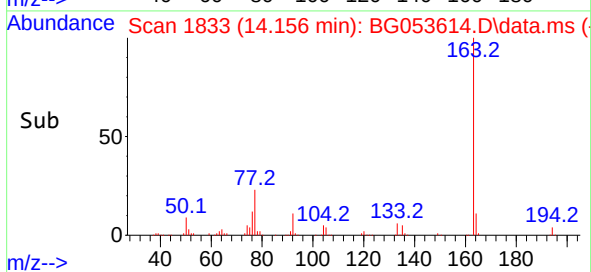
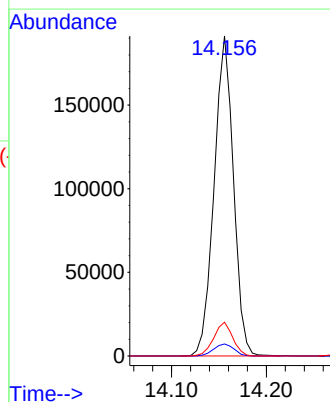
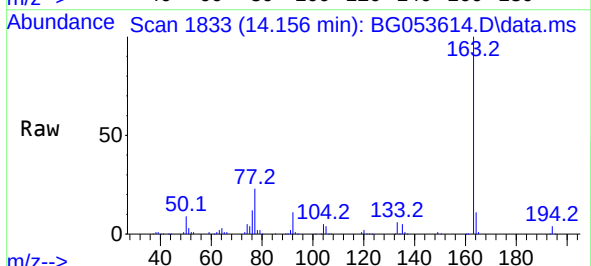
Tgt Ion:163 Resp: 270575

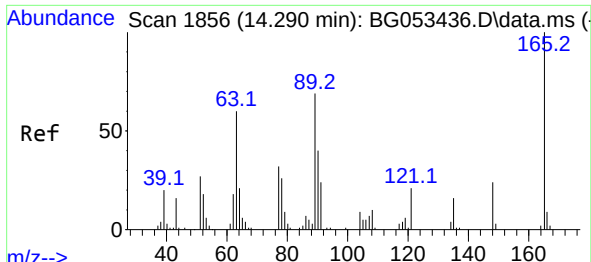
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

164 10.5 8.0 12.0





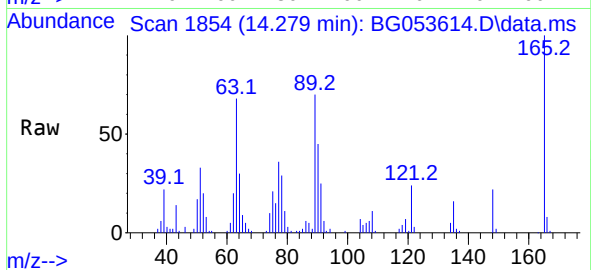
#51
2,6-Dinitrotoluene
Concen: 47.938 ng
RT: 14.279 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG053614.D
Acq: 18 May 2022 22:02

Instrument :

BNA_G

ClientSampleId :

GC-2MS

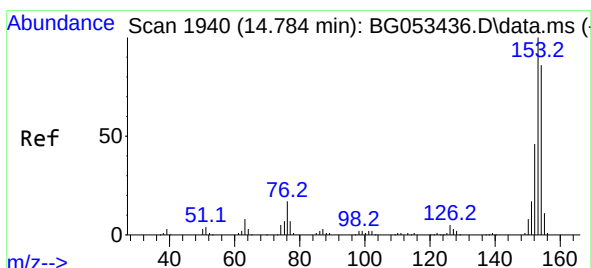
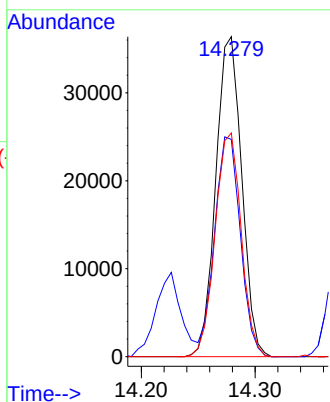
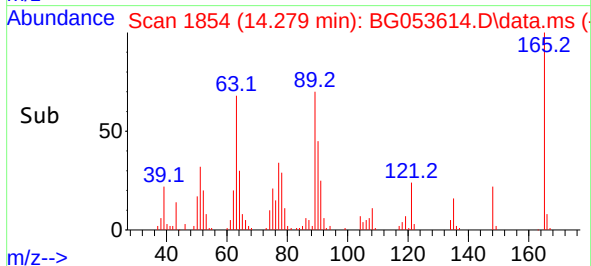


Tgt Ion:165 Resp: 57594
Ion Ratio Lower Upper
165 100
63 67.9 54.1 81.1
89 69.9 54.8 82.2

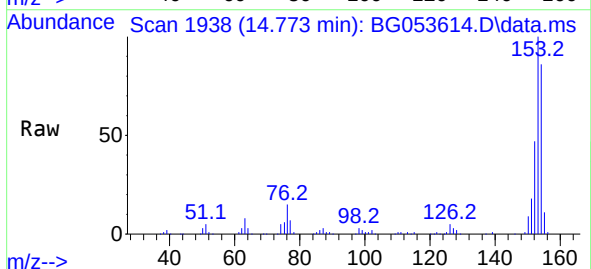
Manual Integrations

APPROVED

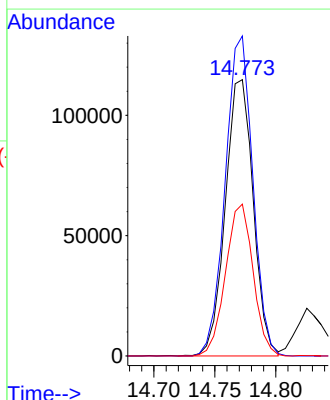
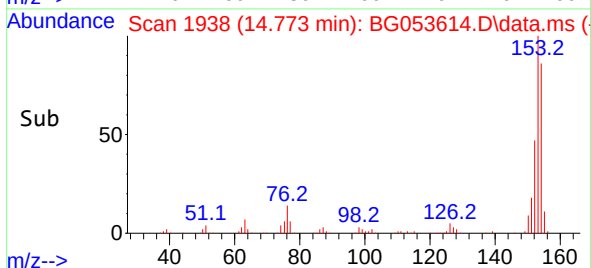
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

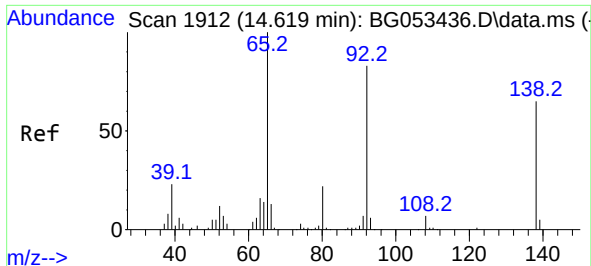


#52
Acenaphthene
Concen: 46.473 ng
RT: 14.773 min Scan# 1938
Delta R.T. -0.008 min
Lab File: BG053614.D
Acq: 18 May 2022 22:02



Tgt Ion:154 Resp: 183159
Ion Ratio Lower Upper
154 100
153 115.8 92.7 139.1
152 55.0 42.6 64.0





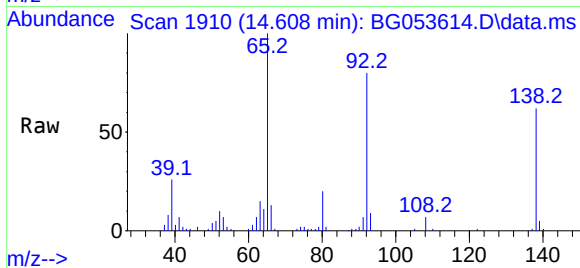
#53
3-Nitroaniline
Concen: 30.810 ng
RT: 14.608 min Scan# 1912
Delta R.T. -0.008 min
Lab File: BG053614.D
Acq: 18 May 2022 22:02

Instrument :

BNA_G

ClientSampleId :

GC-2MS

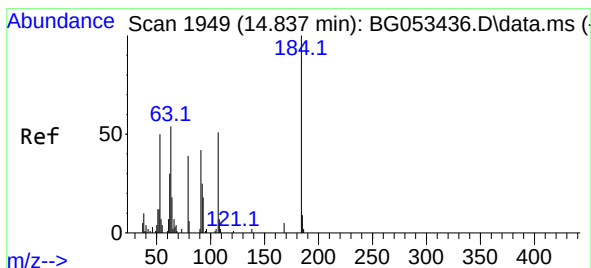
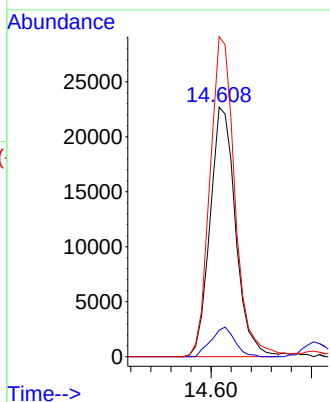
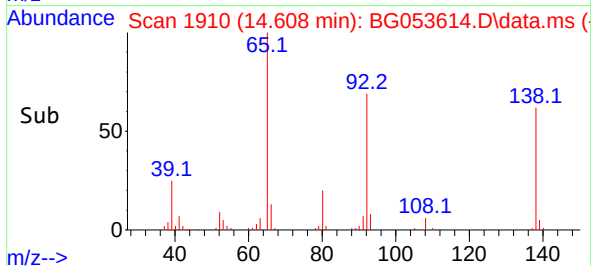


Tgt Ion:138 Resp: 3999
Ion Ratio Lower Upper
138 100
108 10.6 9.2 13.8
92 128.3 101.9 152.9

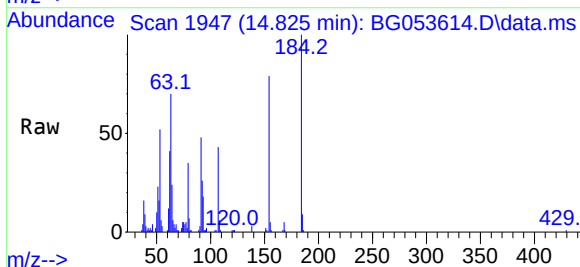
Manual Integrations

APPROVED

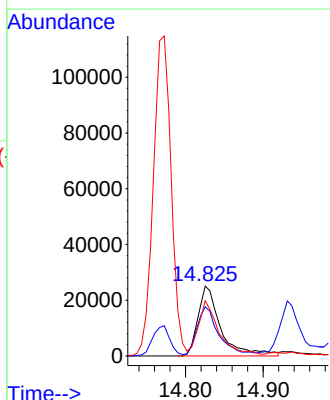
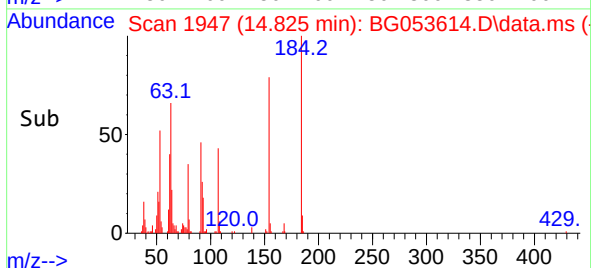
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

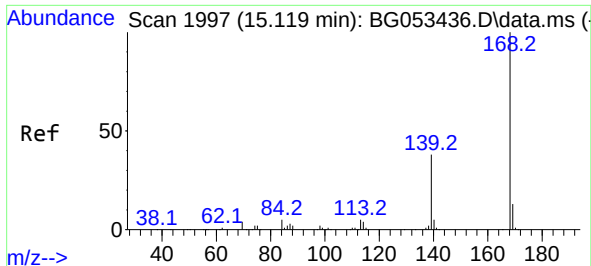


#54
2,4-Dinitrophenol
Concen: 68.274 ng
RT: 14.825 min Scan# 1947
Delta R.T. -0.008 min
Lab File: BG053614.D
Acq: 18 May 2022 22:02



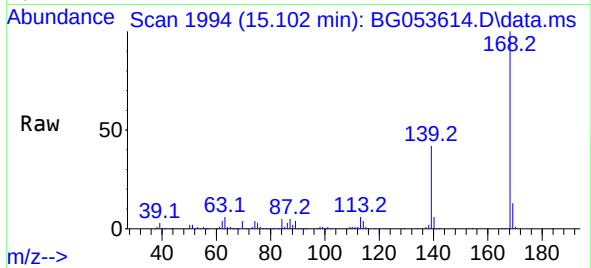
Tgt Ion:184 Resp: 51311
Ion Ratio Lower Upper
184 100
63 70.3 61.1 91.7
154 79.0 60.6 91.0





#55
Dibenzenofuran
Concen: 44.115 ng
RT: 15.102 min Scan# 1994
Delta R.T. -0.008 min
Lab File: BG053614.D
Acq: 18 May 2022 22:02

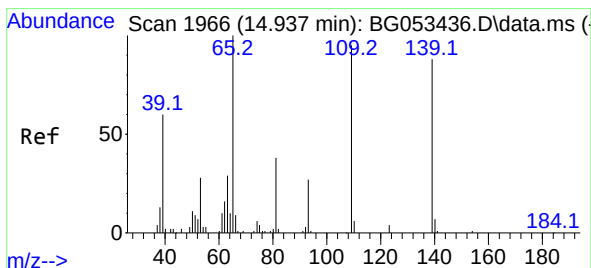
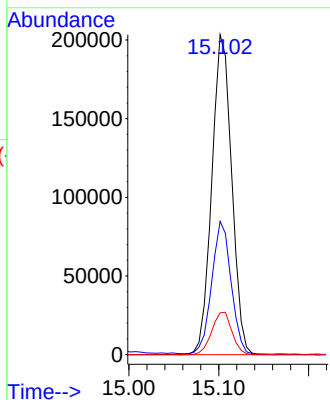
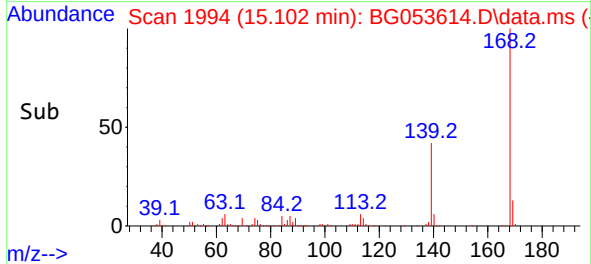
Instrument :
BNA_G
ClientSampleId :
GC-2MS



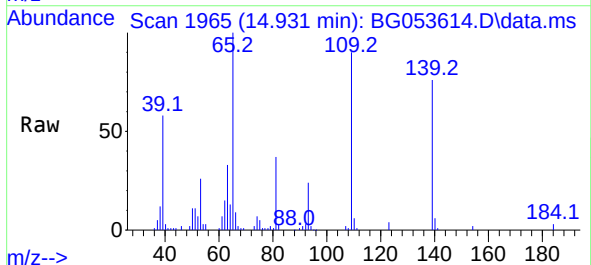
Tgt Ion:168 Resp: 312290
Ion Ratio Lower Upper
168 100
139 41.7 30.5 45.7
169 13.1 10.3 15.5

Manual Integrations
APPROVED

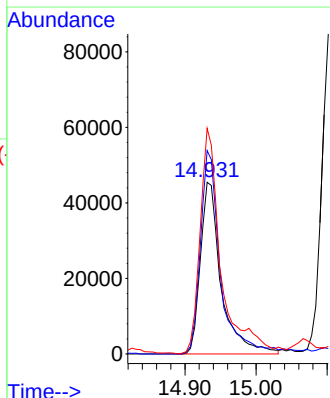
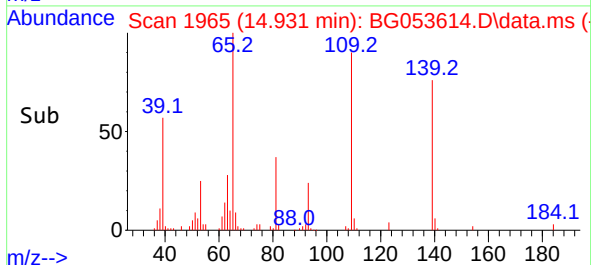
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

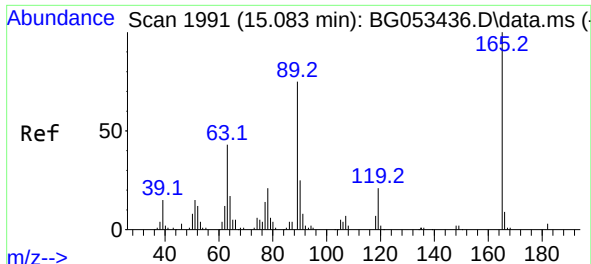


#56
4-Nitrophenol
Concen: 99.906 ng
RT: 14.931 min Scan# 1965
Delta R.T. -0.002 min
Lab File: BG053614.D
Acq: 18 May 2022 22:02



Tgt Ion:139 Resp: 92632
Ion Ratio Lower Upper
139 100
109 118.4 88.5 128.5
65 131.4 93.9 133.9





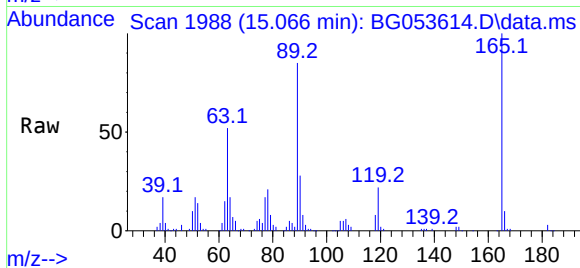
#57
2,4-Dinitrotoluene
Concen: 49.421 ng
RT: 15.066 min Scan# 1991
Delta R.T. -0.008 min
Lab File: BG053614.D
Acq: 18 May 2022 22:02

Instrument :

BNA_G

ClientSampleId :

GC-2MS

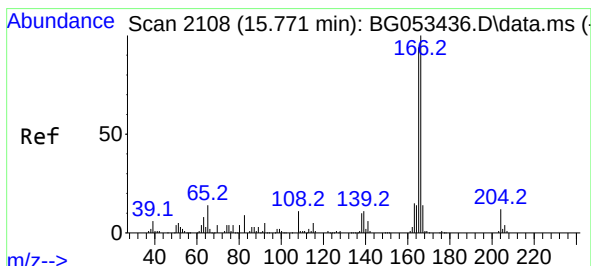
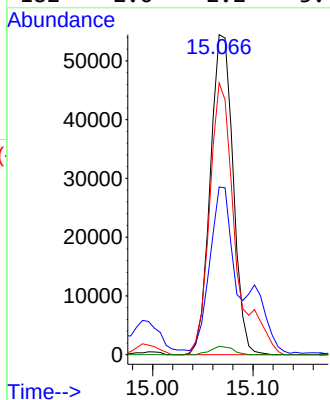
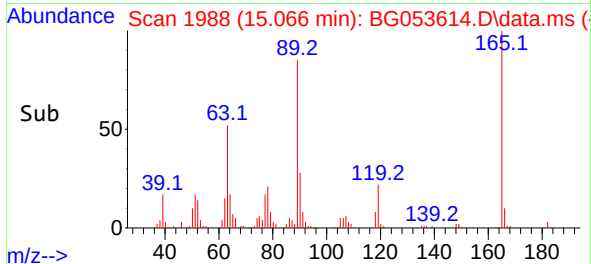


Tgt Ion:165 Resp: 8606
Ion Ratio Lower Upper
165 100
63 52.4 34.6 52.0
89 85.0 60.3 90.5
182 2.6 2.2 3.4

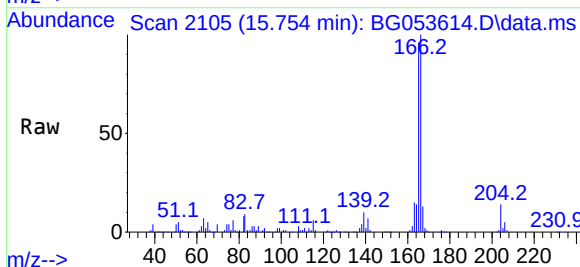
Manual Integrations

APPROVED

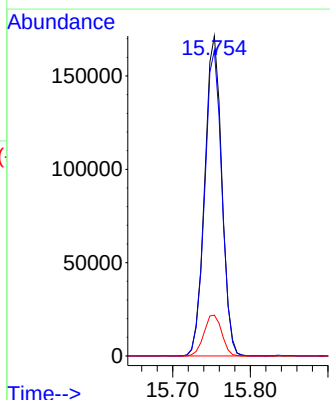
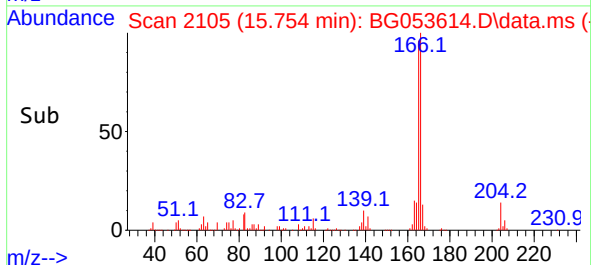
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

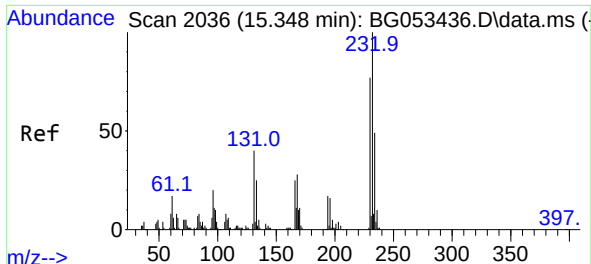


#58
Fluorene
Concen: 46.030 ng
RT: 15.754 min Scan# 2105
Delta R.T. -0.008 min
Lab File: BG053614.D
Acq: 18 May 2022 22:02



Tgt Ion:166 Resp: 261493
Ion Ratio Lower Upper
166 100
165 95.5 75.0 112.6
167 12.7 10.8 16.2





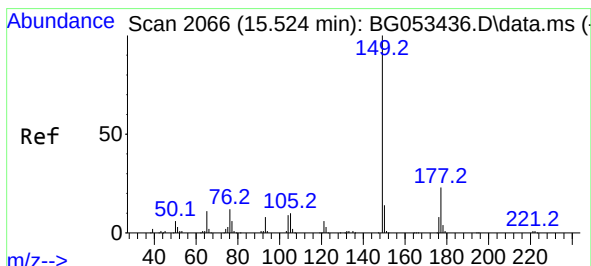
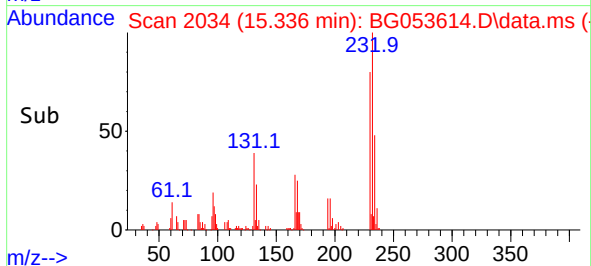
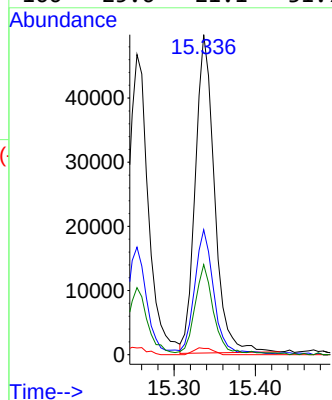
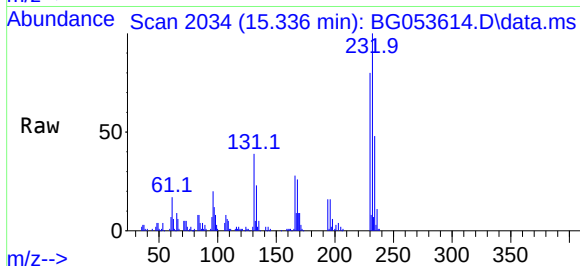
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.391 ng
RT: 15.336 min Scan# 2036
Delta R.T. -0.008 min
Lab File: BG053614.D
Acq: 18 May 2022 22:02

Instrument :
BNA_G
ClientSampleId :
GC-2MS

Tgt Ion:232 Resp: 8171
Ion Ratio Lower Upper
232 100
131 39.3 30.6 46.0
130 2.1 1.8 2.8
166 25.6 21.1 31.7

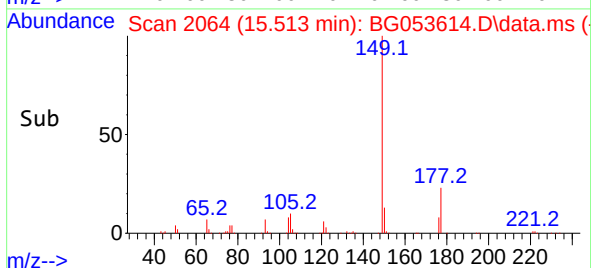
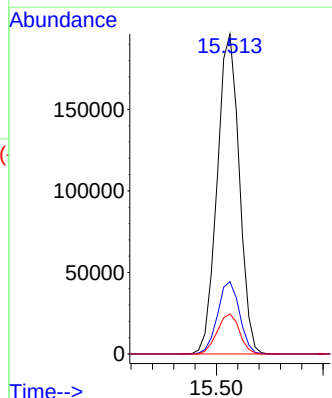
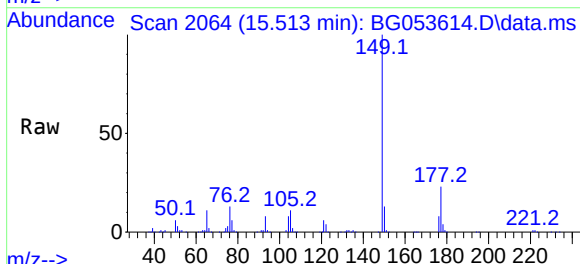
Manual Integrations
APPROVED

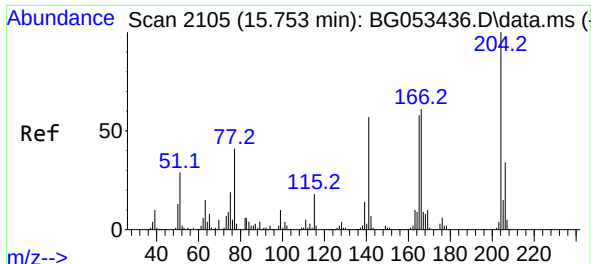
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#60
Diethylphthalate
Concen: 46.234 ng
RT: 15.513 min Scan# 2064
Delta R.T. -0.008 min
Lab File: BG053614.D
Acq: 18 May 2022 22:02

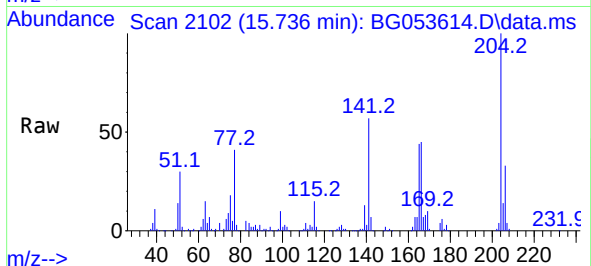
Tgt Ion:149 Resp: 281638
Ion Ratio Lower Upper
149 100
177 22.6 18.4 27.6
150 12.5 11.2 16.8





#61
4-Chlorophenyl-phenylether
Concen: 45.616 ng
RT: 15.736 min Scan# 2109
Delta R.T. -0.008 min
Lab File: BG053614.D
Acq: 18 May 2022 22:02

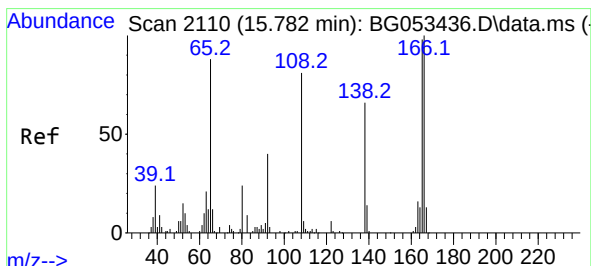
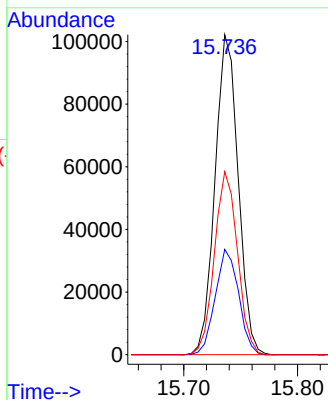
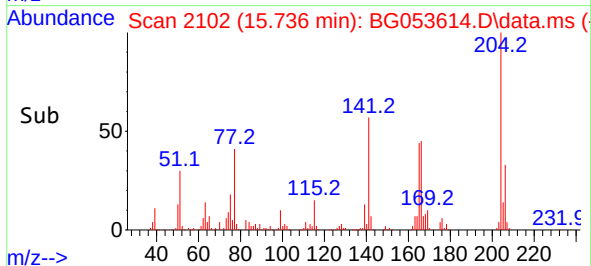
Instrument :
BNA_G
ClientSampleId :
GC-2MS



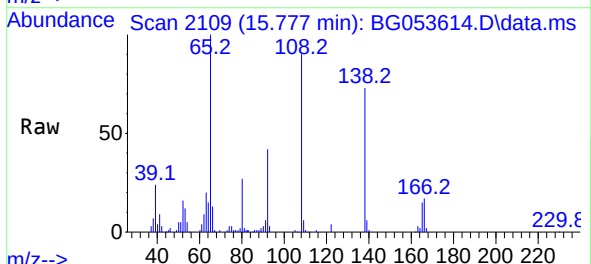
Tgt Ion:204 Resp: 144609
Ion Ratio Lower Upper
204 100
206 32.9 27.5 41.3
141 57.2 45.3 67.9

Manual Integrations
APPROVED

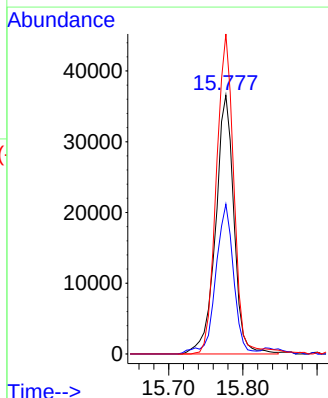
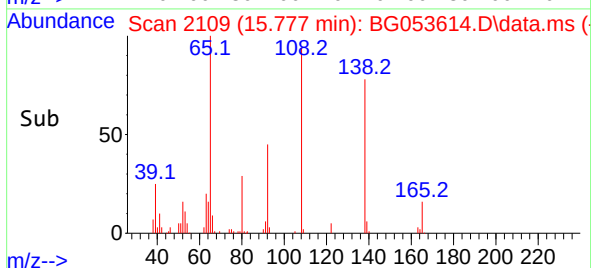
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

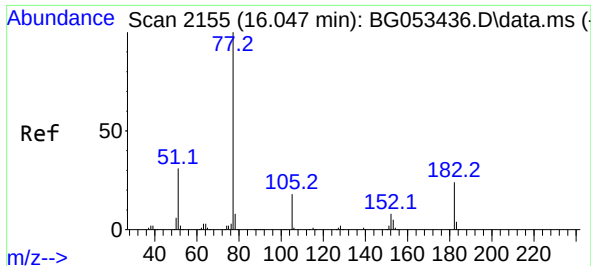


#62
4-Nitroaniline
Concen: 46.614 ng
RT: 15.777 min Scan# 2109
Delta R.T. -0.002 min
Lab File: BG053614.D
Acq: 18 May 2022 22:02



Tgt Ion:138 Resp: 62762
Ion Ratio Lower Upper
138 100
92 57.9 40.5 80.5
108 123.7 103.7 143.7





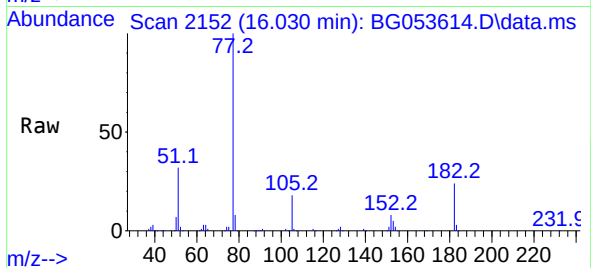
#63
Azobenzene
Concen: 45.806 ng
RT: 16.030 min Scan# 2155
Delta R.T. -0.008 min
Lab File: BG053614.D
Acq: 18 May 2022 22:02

Instrument :

BNA_G

ClientSampleId :

GC-2MS

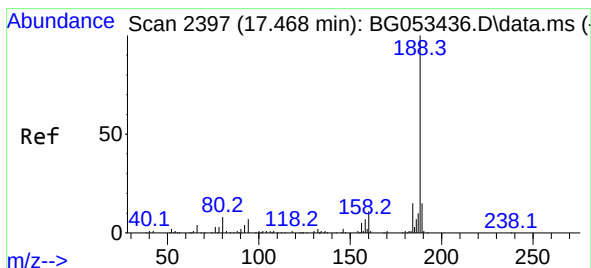
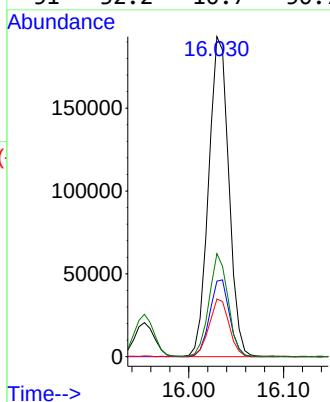
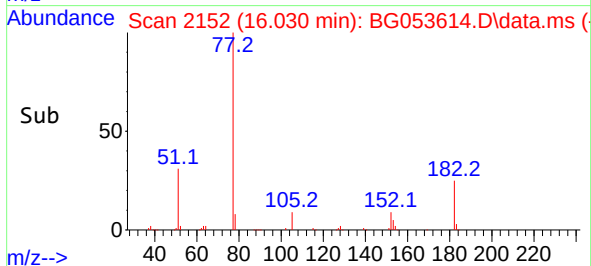


Tgt Ion: 77 Resp: 285728
Ion Ratio Lower Upper
77 100
182 23.6 3.8 43.8
105 18.0 0.0 37.8
51 32.2 10.7 50.7

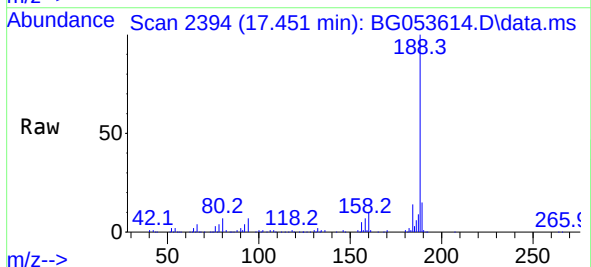
Manual Integrations

APPROVED

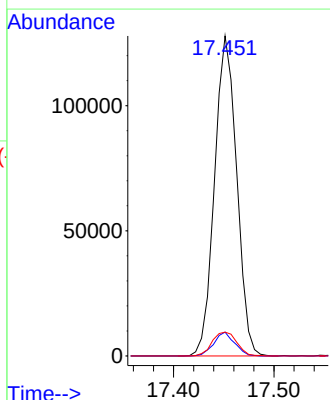
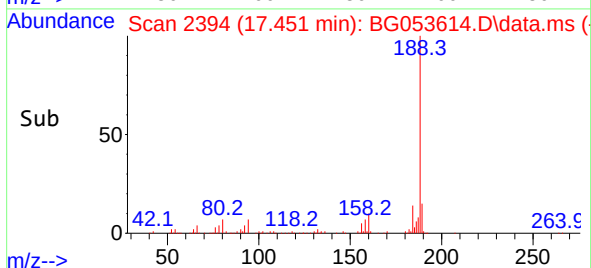
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

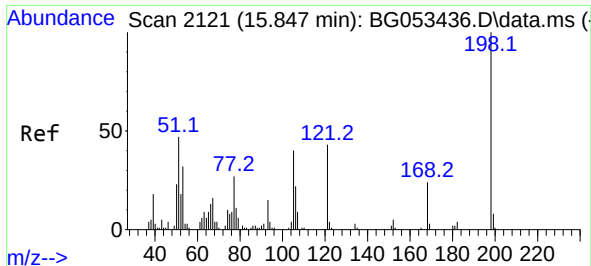


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.451 min Scan# 2394
Delta R.T. -0.008 min
Lab File: BG053614.D
Acq: 18 May 2022 22:02



Tgt Ion:188 Resp: 195633
Ion Ratio Lower Upper
188 100
94 7.5 5.4 8.0
80 7.5 6.8 10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 43.208 ng
RT: 15.836 min Scan# 2119
Delta R.T. -0.008 min
Lab File: BG053614.D
Acq: 18 May 2022 22:02

Instrument :

BNA_G

ClientSampleId :

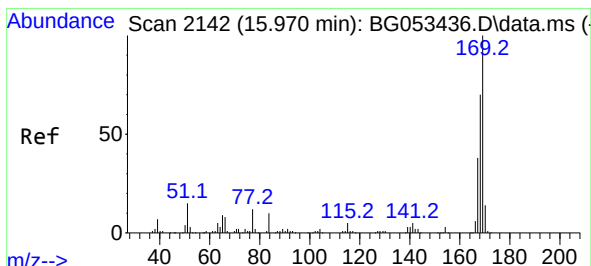
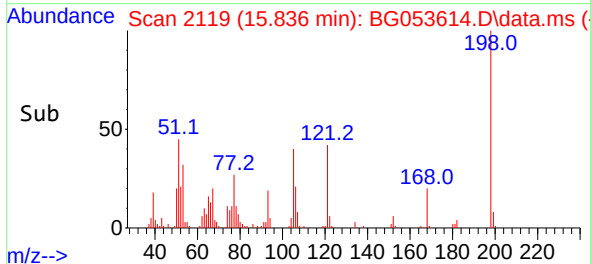
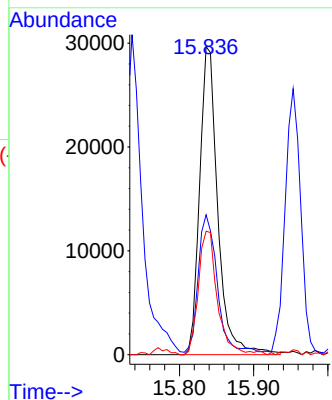
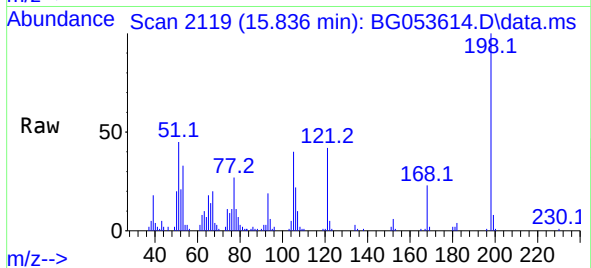
GC-2MS

Tgt Ion:198 Resp: 50369
Ion Ratio Lower Upper
198 100
51 45.4 28.1 68.1
105 40.1 20.3 60.3

Manual Integrations

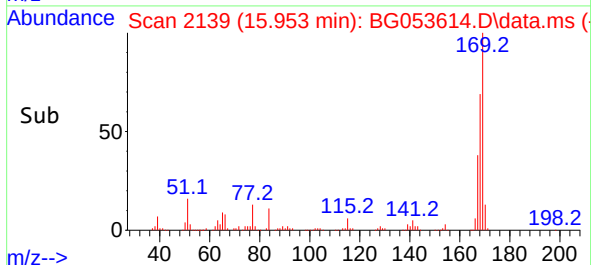
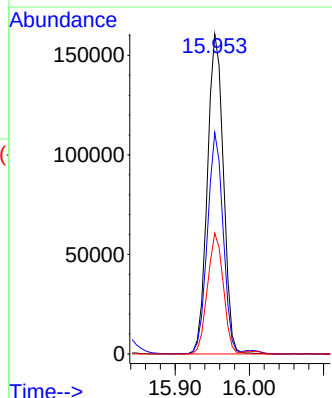
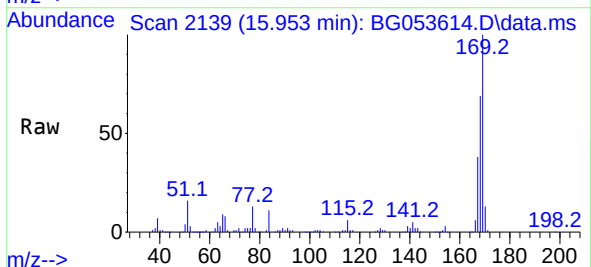
APPROVED

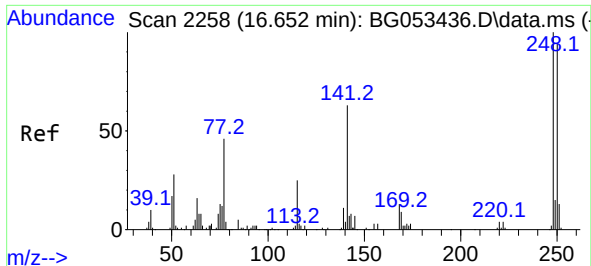
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#66
n-Nitrosodiphenylamine
Concen: 46.871 ng
RT: 15.953 min Scan# 2139
Delta R.T. -0.008 min
Lab File: BG053614.D
Acq: 18 May 2022 22:02

Tgt Ion:169 Resp: 240748
Ion Ratio Lower Upper
169 100
168 69.2 55.9 83.9
167 37.7 30.6 46.0





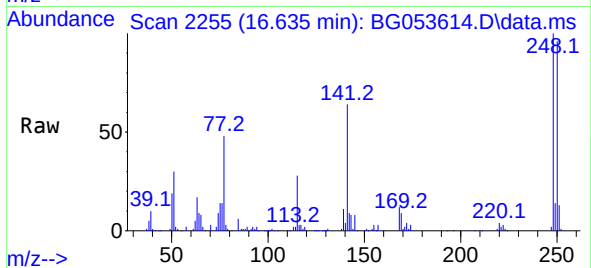
#67
4-Bromophenyl-phenylether
Concen: 45.691 ng
RT: 16.635 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG053614.D
Acq: 18 May 2022 22:02

Instrument :

BNA_G

ClientSampleId :

GC-2MS

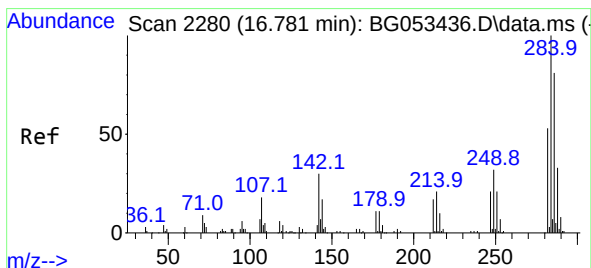
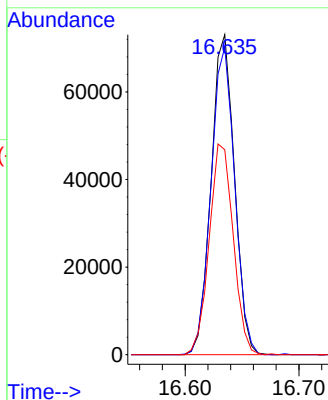
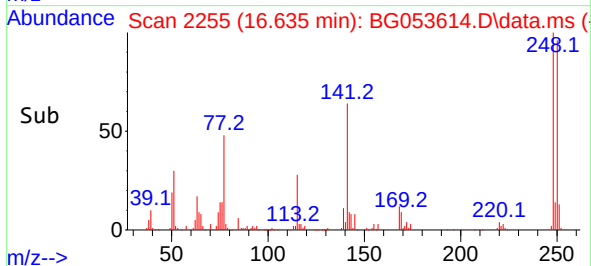


Tgt Ion:248 Resp: 104394
Ion Ratio Lower Upper
248 100
250 96.1 75.2 112.8
141 64.1 50.0 75.0

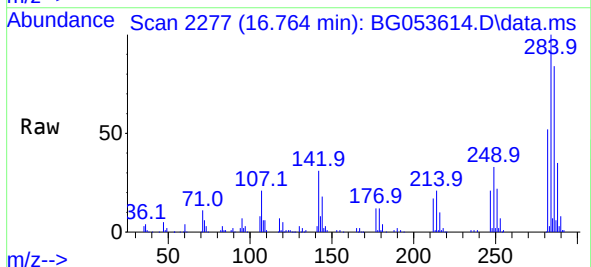
Manual Integrations

APPROVED

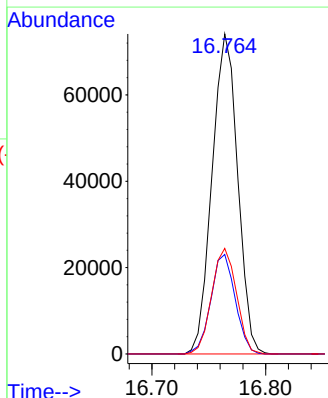
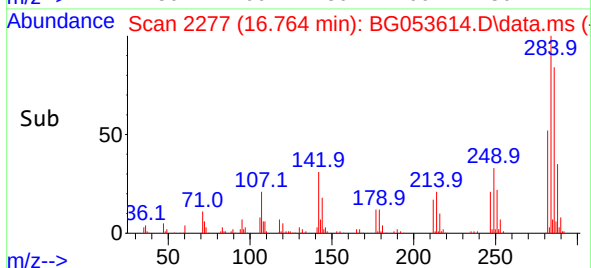
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

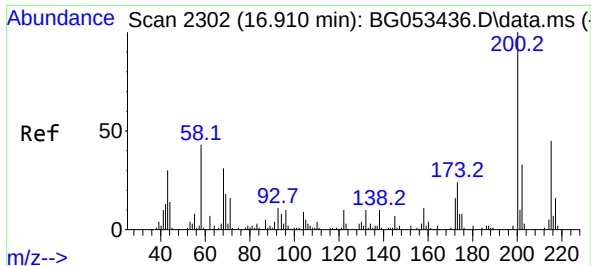


#68
Hexachlorobenzene
Concen: 46.314 ng
RT: 16.764 min Scan# 2277
Delta R.T. -0.008 min
Lab File: BG053614.D
Acq: 18 May 2022 22:02



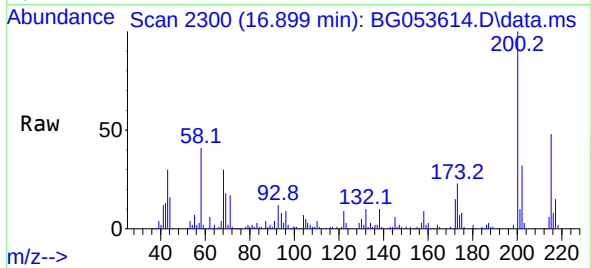
Tgt Ion:284 Resp: 115890
Ion Ratio Lower Upper
284 100
142 31.1 23.6 35.4
249 33.0 25.8 38.6





#69
 Atrazine
 Concen: 48.131 ng
 RT: 16.899 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BG053614.D
 Acq: 18 May 2022 22:02

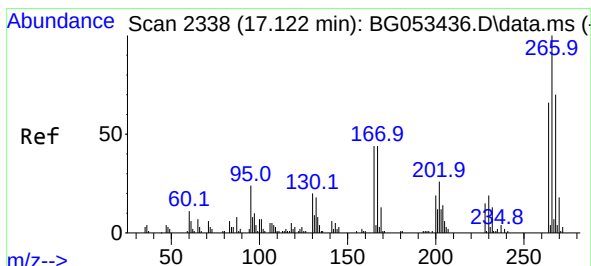
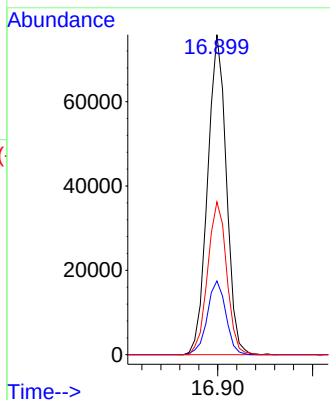
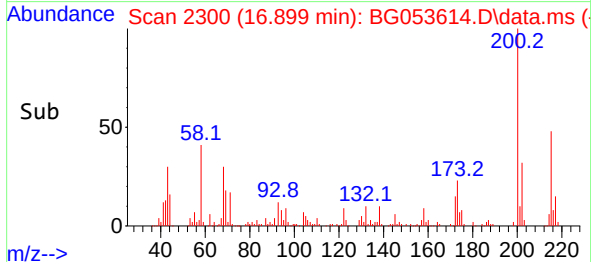
Instrument :
 BNA_G
 ClientSampleId :
 GC-2MS



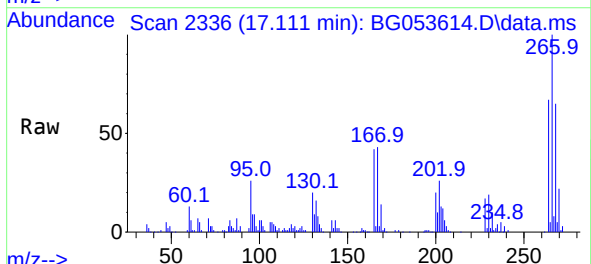
Tgt Ion:200 Resp: 104070
 Ion Ratio Lower Upper
 200 100
 173 23.1 3.7 43.7
 215 47.7 25.2 65.2

Manual Integrations
 APPROVED

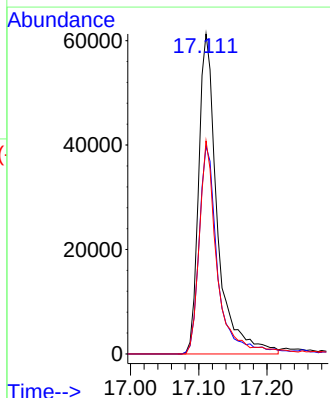
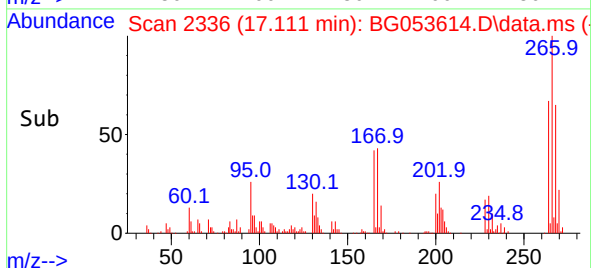
Reviewed By :Christian Giraldo 05/19/2022
 Supervised By :Jagrut Upadhyay 05/19/2022

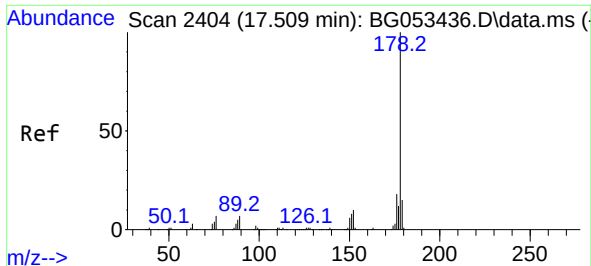


#70
 Pentachlorophenol
 Concen: 86.095 ng
 RT: 17.111 min Scan# 2336
 Delta R.T. -0.008 min
 Lab File: BG053614.D
 Acq: 18 May 2022 22:02



Tgt Ion:266 Resp: 116523
 Ion Ratio Lower Upper
 266 100
 268 65.0 56.2 84.2
 264 66.6 53.0 79.4





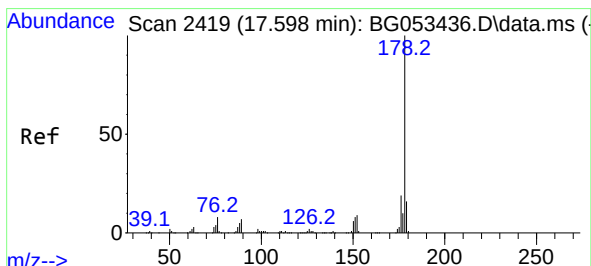
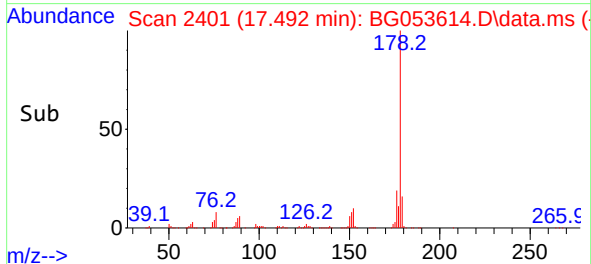
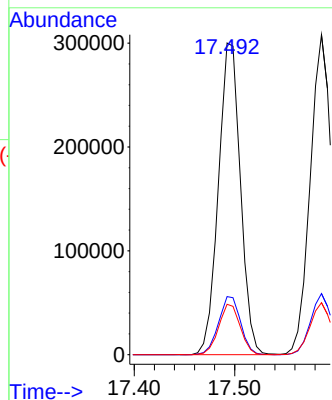
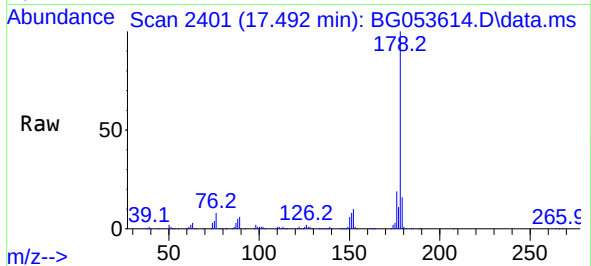
#71
Phenanthrene
Concen: 45.996 ng
RT: 17.492 min Scan# 2404
Delta R.T. -0.008 min
Lab File: BG053614.D
Acq: 18 May 2022 22:02

Instrument :
BNA_G
ClientSampleId :
GC-2MS

Tgt Ion:178 Resp: 457540
Ion Ratio Lower Upper
178 100
176 18.6 14.1 21.1
179 16.2 12.1 18.1

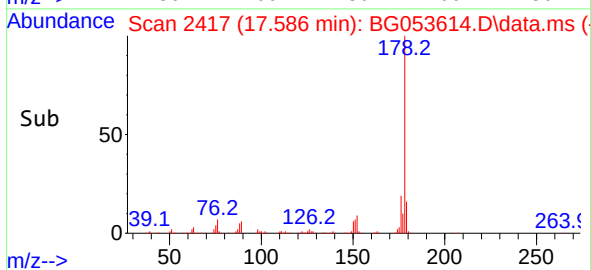
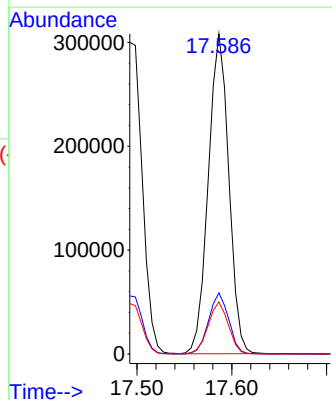
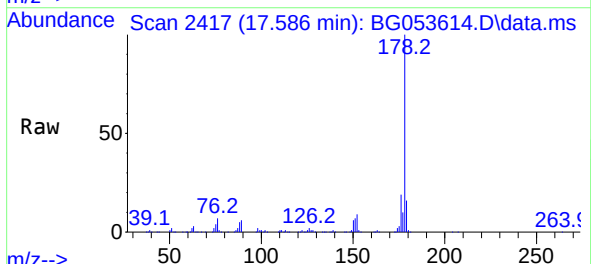
Manual Integrations
APPROVED

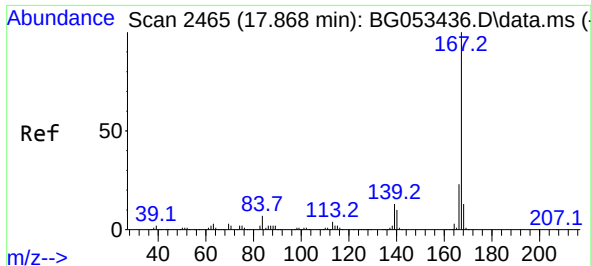
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#72
Anthracene
Concen: 47.270 ng
RT: 17.586 min Scan# 2417
Delta R.T. -0.008 min
Lab File: BG053614.D
Acq: 18 May 2022 22:02

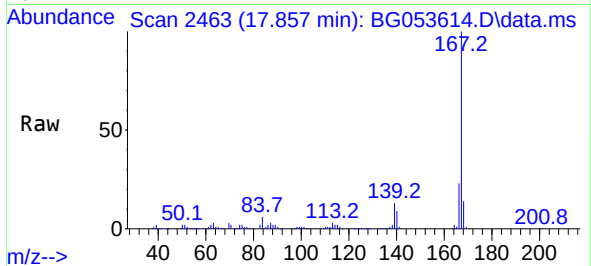
Tgt Ion:178 Resp: 462185
Ion Ratio Lower Upper
178 100
176 19.1 15.2 22.8
179 16.3 13.0 19.4





#73
 Carbazole
 Concen: 44.814 ng
 RT: 17.857 min Scan# 2463
 Delta R.T. -0.002 min
 Lab File: BG053614.D
 Acq: 18 May 2022 22:02

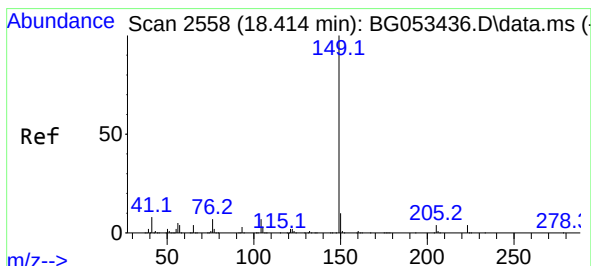
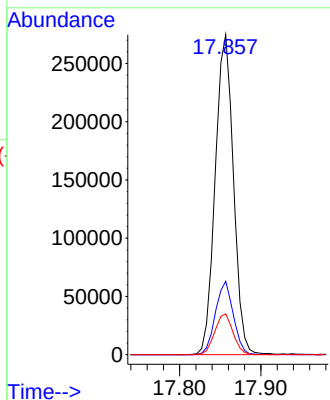
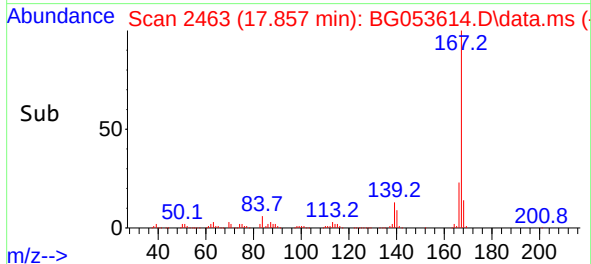
Instrument :
 BNA_G
 ClientSampleId :
 GC-2MS



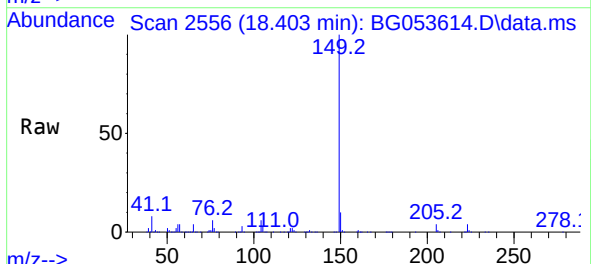
Tgt Ion:167 Resp: 429438
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.2 27.2
 139 12.8 10.1 15.1

Manual Integrations
 APPROVED

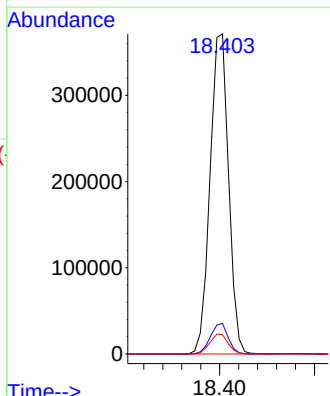
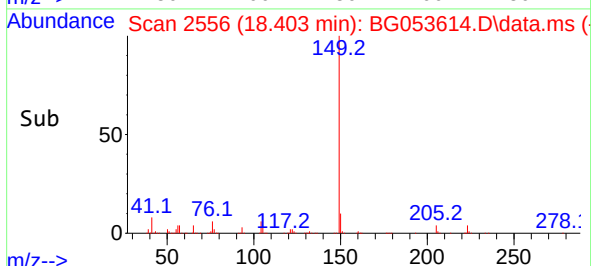
Reviewed By :Christian Giraldo 05/19/2022
 Supervised By :Jagrut Upadhyay 05/19/2022

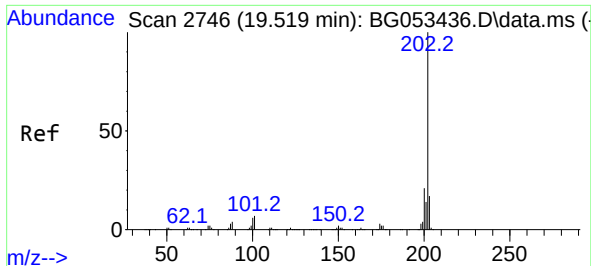


#74
 Di-n-butylphthalate
 Concen: 46.639 ng
 RT: 18.403 min Scan# 2556
 Delta R.T. -0.002 min
 Lab File: BG053614.D
 Acq: 18 May 2022 22:02



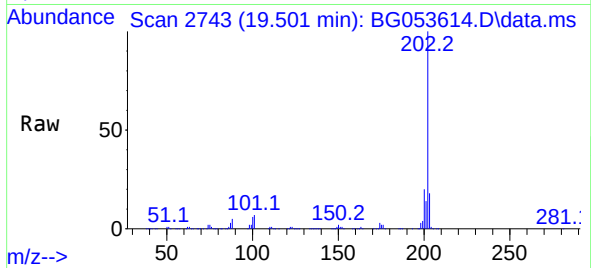
Tgt Ion:149 Resp: 502639
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.7 11.5
 104 6.1 5.4 8.0





#75
Fluoranthene
Concen: 46.143 ng
RT: 19.501 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG053614.D
Acq: 18 May 2022 22:02

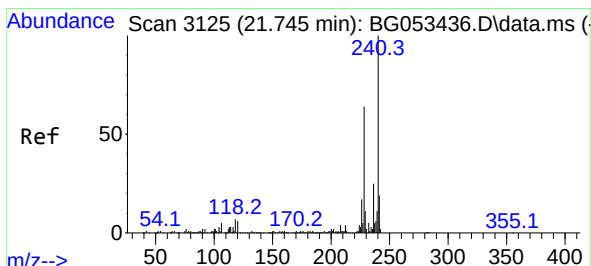
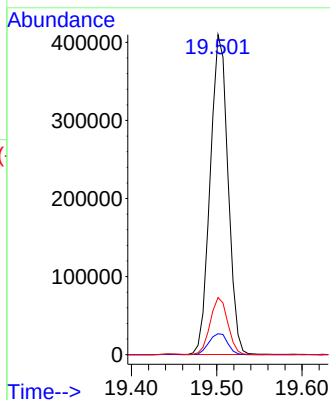
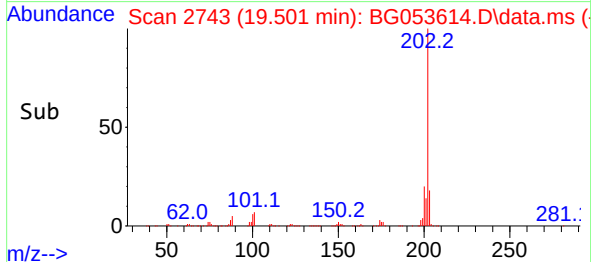
Instrument :
BNA_G
ClientSampleId :
GC-2MS



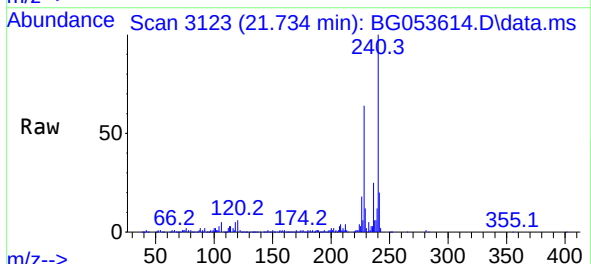
Tgt Ion:202 Resp: 594330
Ion Ratio Lower Upper
202 100
101 6.6 0.0 26.9
203 17.9 0.0 37.2

Manual Integrations
APPROVED

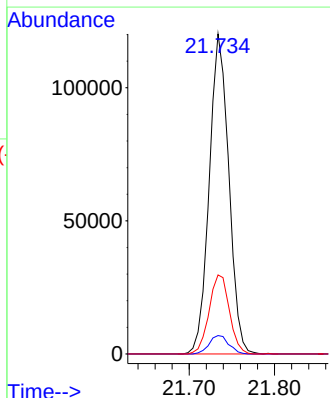
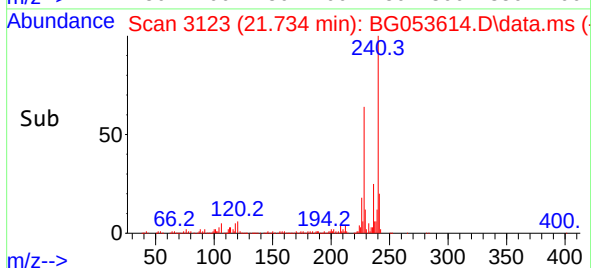
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

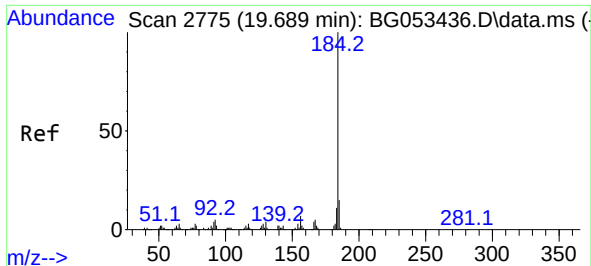


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.734 min Scan# 3123
Delta R.T. -0.008 min
Lab File: BG053614.D
Acq: 18 May 2022 22:02



Tgt Ion:240 Resp: 190991
Ion Ratio Lower Upper
240 100
120 5.7 4.6 7.0
236 24.7 20.2 30.4





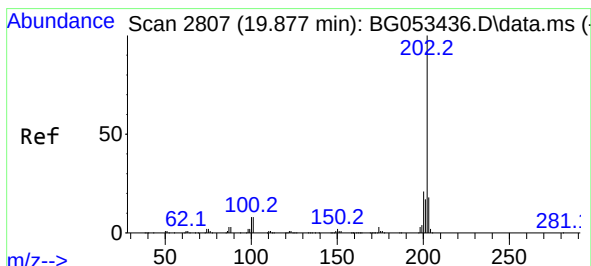
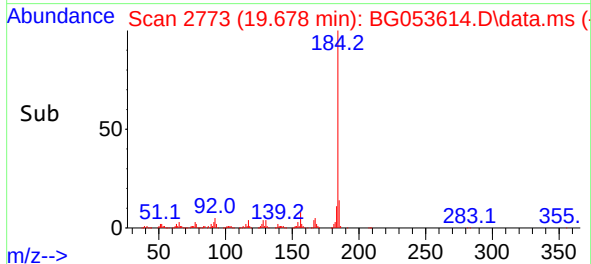
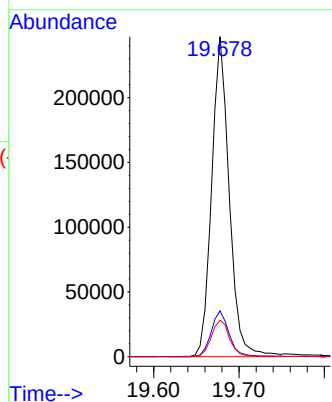
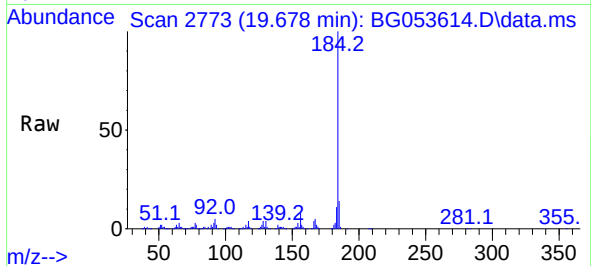
#77
Benzidine
Concen: 85.830 ng
RT: 19.678 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG053614.D
Acq: 18 May 2022 22:02

Instrument :
BNA_G
ClientSampleId :
GC-2MS

Tgt Ion:184 Resp: 35332
Ion Ratio Lower Upper
184 100
185 14.3 11.8 17.6
183 11.4 8.9 13.3

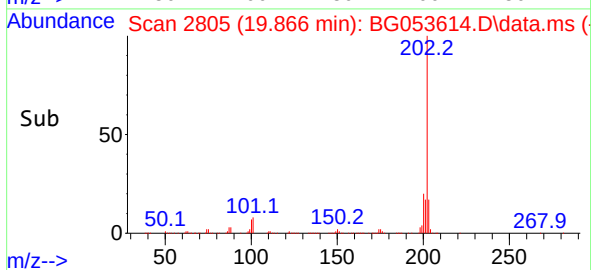
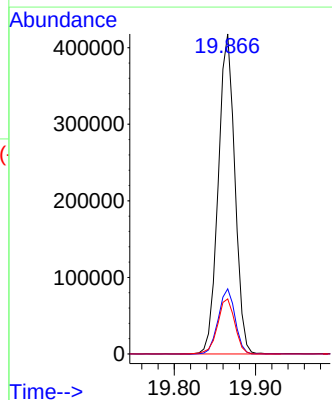
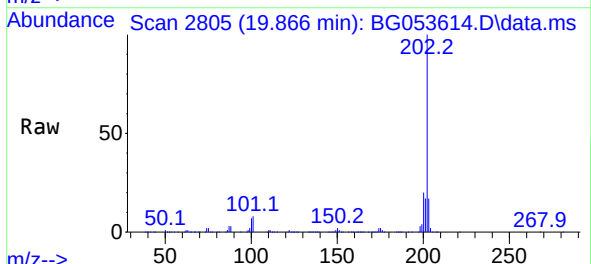
Manual Integrations
APPROVED

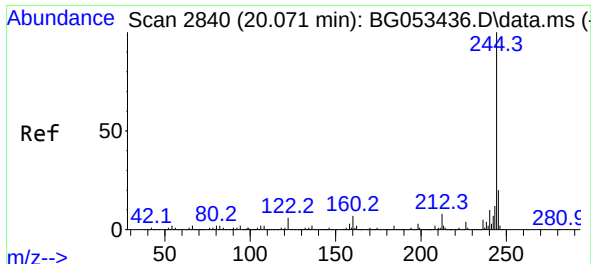
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#78
Pyrene
Concen: 47.936 ng
RT: 19.866 min Scan# 2805
Delta R.T. -0.008 min
Lab File: BG053614.D
Acq: 18 May 2022 22:02

Tgt Ion:202 Resp: 592672
Ion Ratio Lower Upper
202 100
200 20.3 16.6 24.8
203 17.2 14.6 21.8





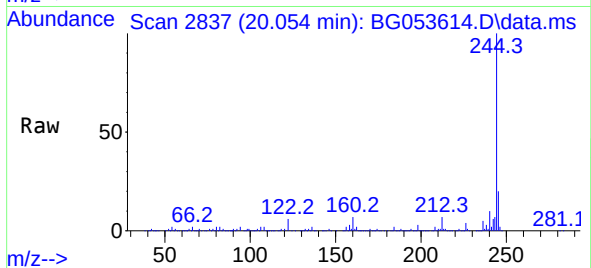
#79
 Terphenyl-d14
 Concen: 56.094 ng
 RT: 20.054 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BG053614.D
 Acq: 18 May 2022 22:02

Instrument :

BNA_G

ClientSampleId :

GC-2MS

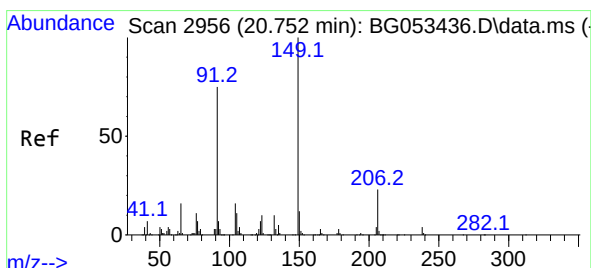
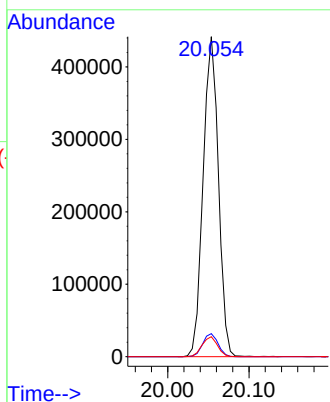
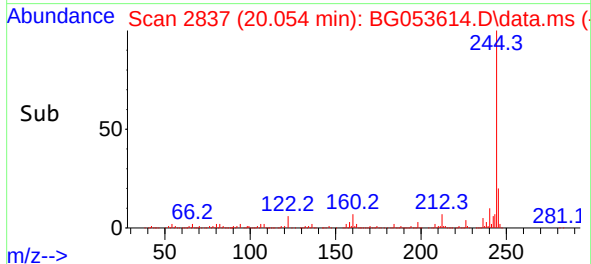


Tgt Ion:244 Resp: 575224
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.5 9.7
 122 6.3 5.0 7.4

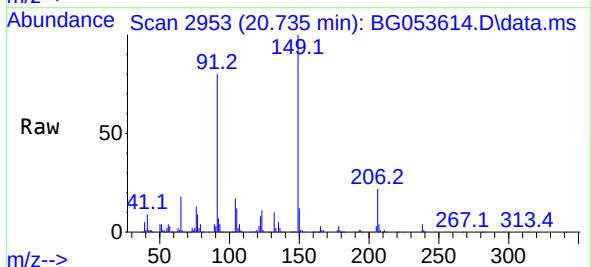
Manual Integrations

APPROVED

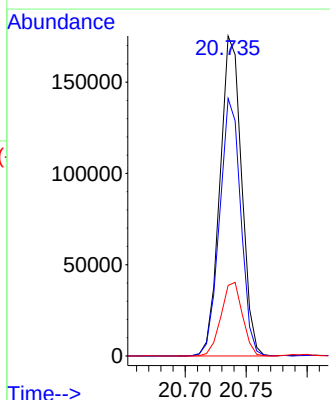
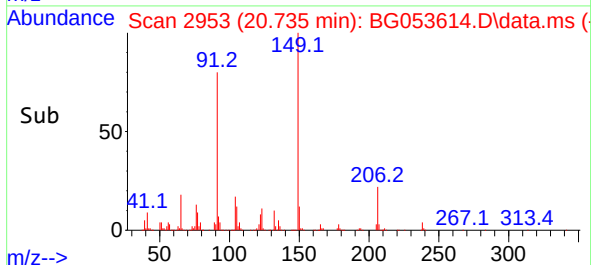
Reviewed By :Christian Giraldo 05/19/2022
 Supervised By :Jagrut Upadhyay 05/19/2022

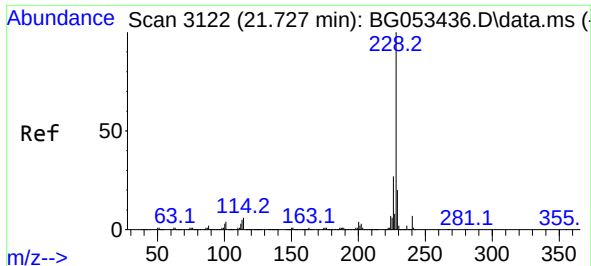


#80
 Butylbenzylphthalate
 Concen: 47.736 ng
 RT: 20.735 min Scan# 2953
 Delta R.T. -0.008 min
 Lab File: BG053614.D
 Acq: 18 May 2022 22:02



Tgt Ion:149 Resp: 216423
 Ion Ratio Lower Upper
 149 100
 91 80.5 59.6 89.4
 206 22.0 18.6 28.0





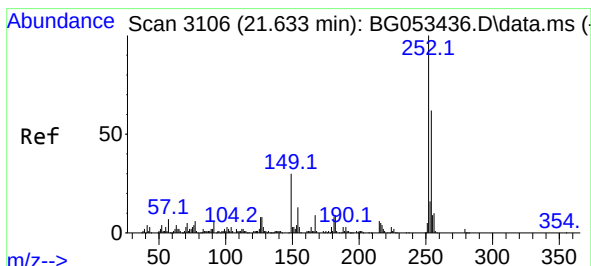
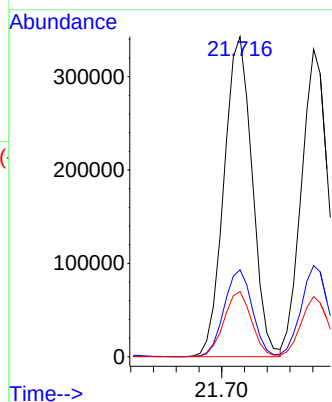
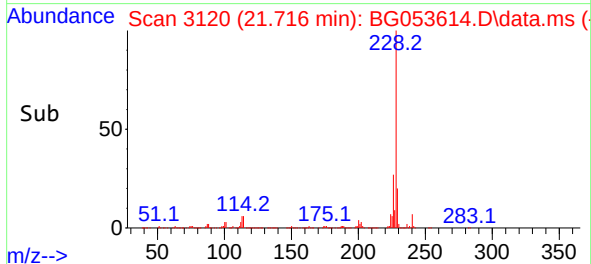
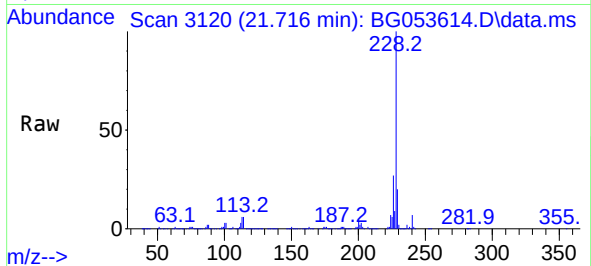
#81
Benzo(a)anthracene
Concen: 48.479 ng
RT: 21.716 min Scan# 3122
Delta R.T. -0.002 min
Lab File: BG053614.D
Acq: 18 May 2022 22:02

Instrument :
BNA_G
ClientSampleId :
GC-2MS

Tgt Ion:228 Resp: 59056
Ion Ratio Lower Upper
228 100
226 27.1 21.6 32.4
229 20.3 16.2 24.2

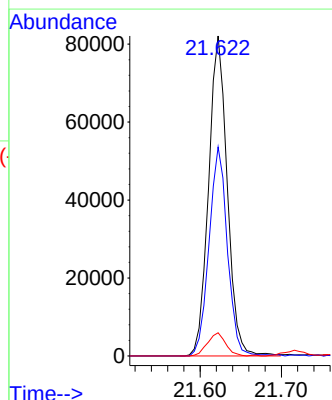
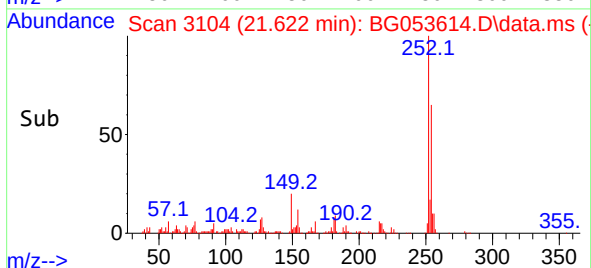
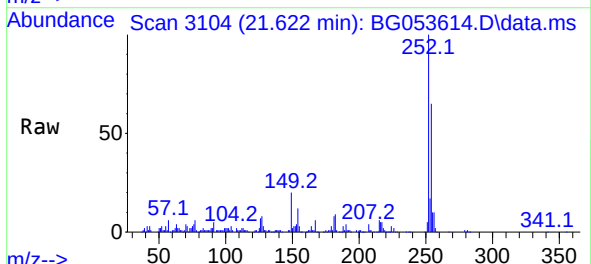
Manual Integrations
APPROVED

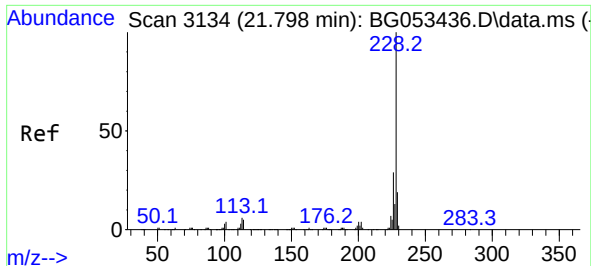
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#82
3,3'-Dichlorobenzidine
Concen: 42.468 ng
RT: 21.622 min Scan# 3104
Delta R.T. -0.002 min
Lab File: BG053614.D
Acq: 18 May 2022 22:02

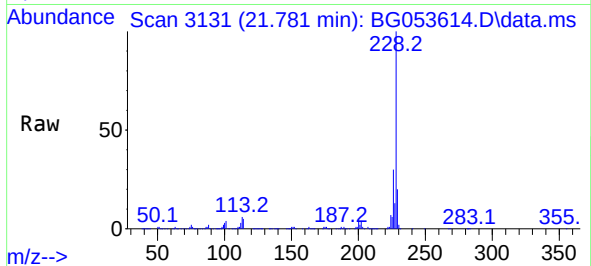
Tgt Ion:252 Resp: 131191
Ion Ratio Lower Upper
252 100
254 65.3 49.8 74.8
126 7.2 6.0 9.0





#83
Chrysene
Concen: 46.981 ng
RT: 21.781 min Scan# 31
Delta R.T. -0.008 min
Lab File: BG053614.D
Acq: 18 May 2022 22:02

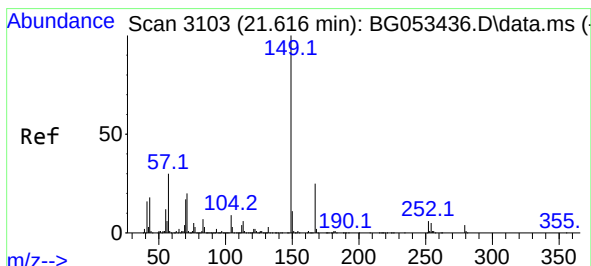
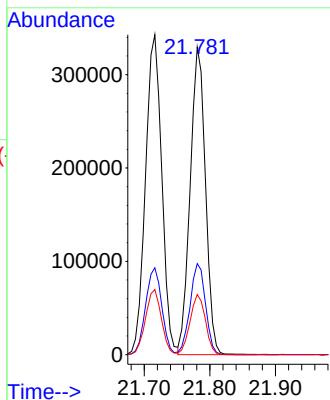
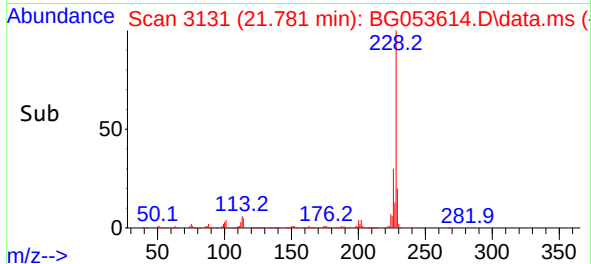
Instrument :
BNA_G
ClientSampleId :
GC-2MS



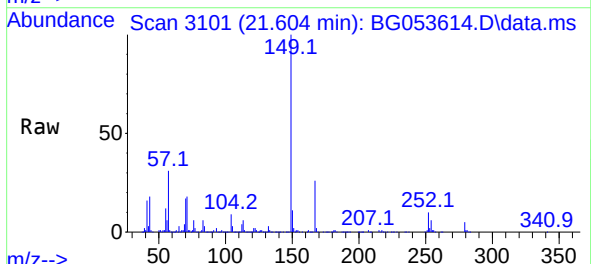
Tgt Ion:228 Resp: 53452
Ion Ratio Lower Upper
228 100
226 29.6 23.4 35.2
229 19.6 15.5 23.3

Manual Integrations
APPROVED

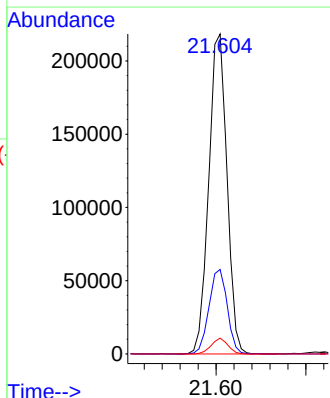
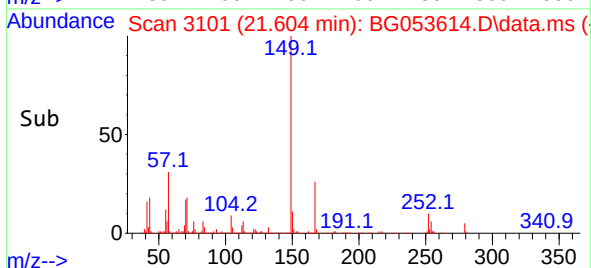
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

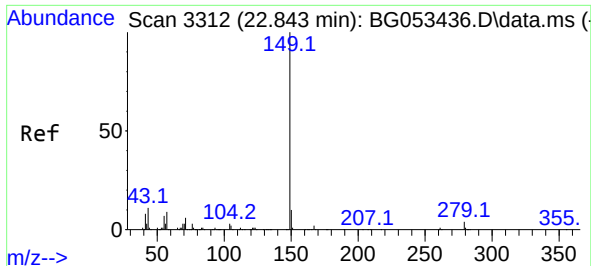


#84
Bis(2-ethylhexyl)phthalate
Concen: 49.074 ng
RT: 21.604 min Scan# 3101
Delta R.T. -0.002 min
Lab File: BG053614.D
Acq: 18 May 2022 22:02



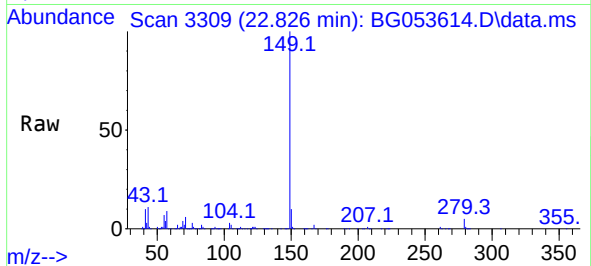
Tgt Ion:149 Resp: 307086
Ion Ratio Lower Upper
149 100
167 26.4 20.2 30.4
279 5.0 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 49.259 ng
RT: 22.826 min Scan# 311
Delta R.T. -0.008 min
Lab File: BG053614.D
Acq: 18 May 2022 22:02

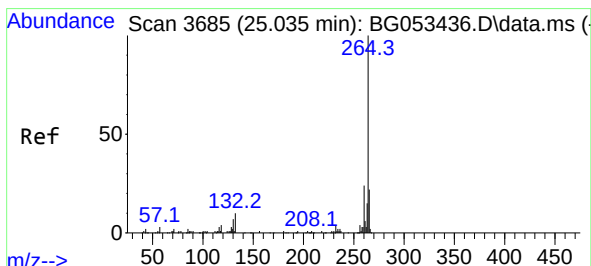
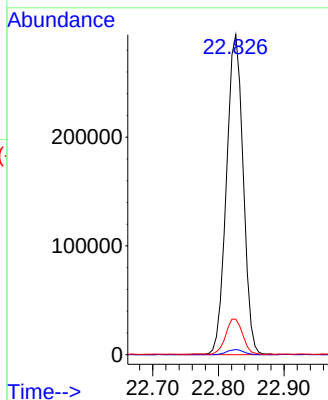
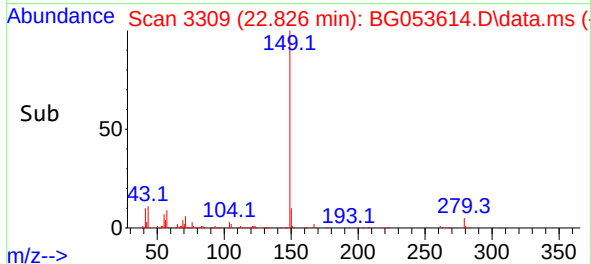
Instrument :
BNA_G
ClientSampleId :
GC-2MS



Tgt Ion:149 Resp: 521235
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.1 9.0 13.4

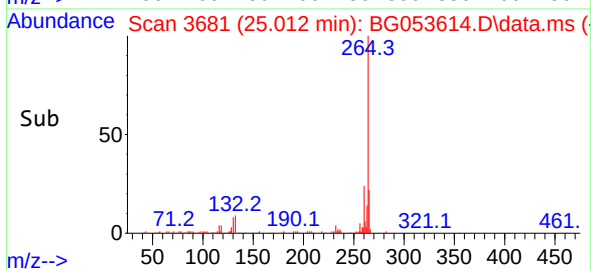
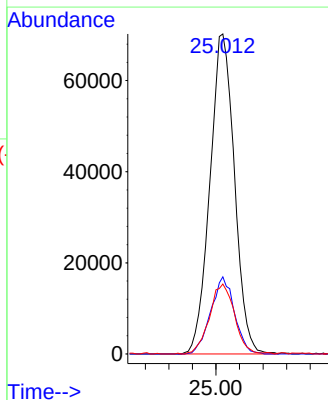
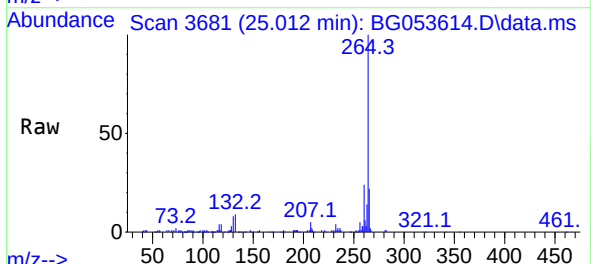
Manual Integrations
APPROVED

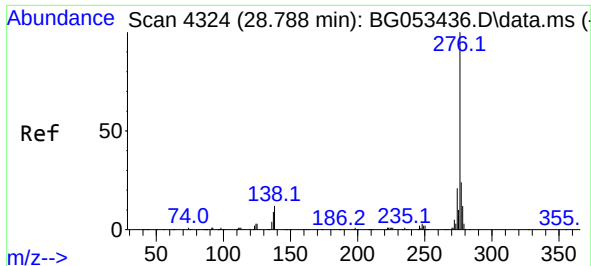
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.012 min Scan# 3681
Delta R.T. -0.008 min
Lab File: BG053614.D
Acq: 18 May 2022 22:02

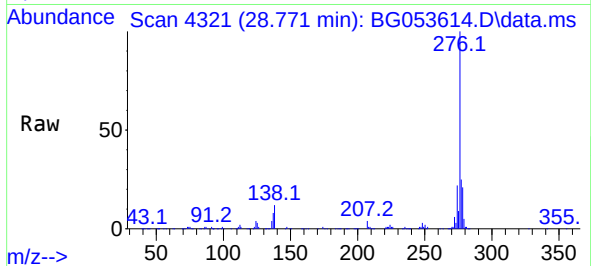
Tgt Ion:264 Resp: 203304
Ion Ratio Lower Upper
264 100
260 24.1 19.0 28.6
265 21.9 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 46.393 ng
RT: 28.771 min Scan# 41
Delta R.T. -0.008 min
Lab File: BG053614.D
Acq: 18 May 2022 22:02

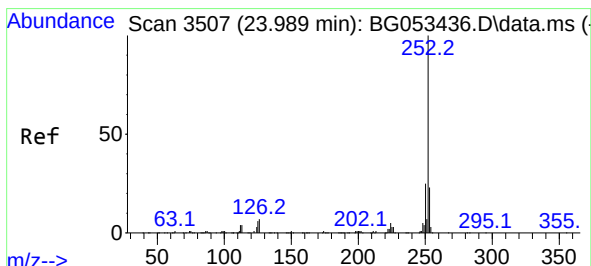
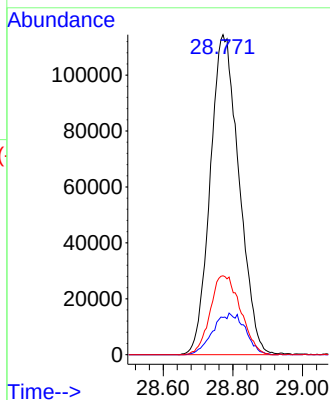
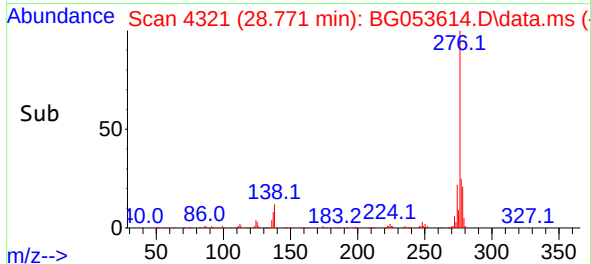
Instrument :
BNA_G
ClientSampleId :
GC-2MS



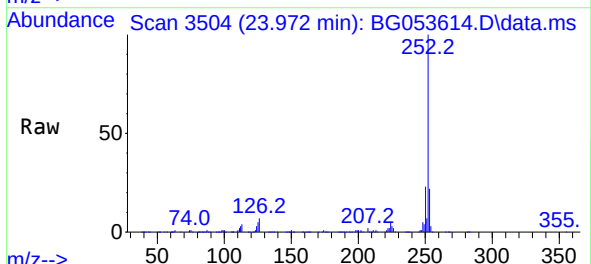
Tgt Ion:276 Resp: 656910
Ion Ratio Lower Upper
276 100
138 14.5 5.0 7.4
277 26.0 20.3 30.5

Manual Integrations
APPROVED

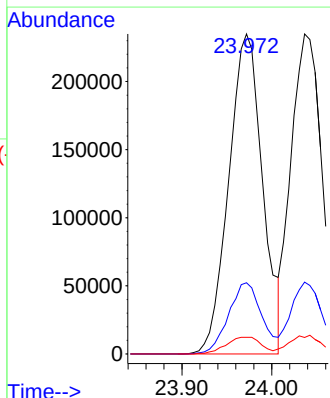
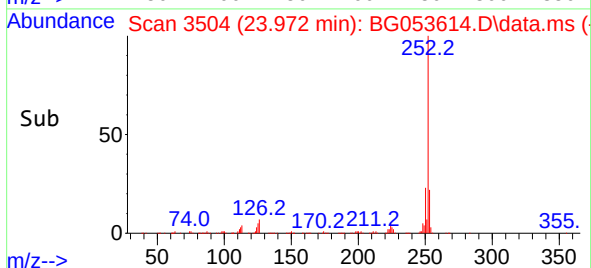
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

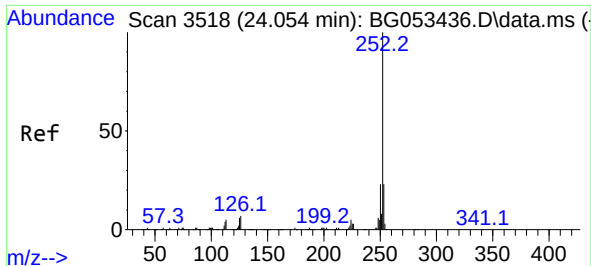


#88
Benzo(b)fluoranthene
Concen: 51.085 ng
RT: 23.972 min Scan# 3504
Delta R.T. -0.008 min
Lab File: BG053614.D
Acq: 18 May 2022 22:02



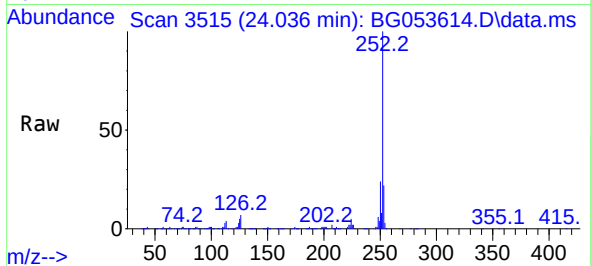
Tgt Ion:252 Resp: 614756
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 5.2 4.6 6.8





#89
Benzo(k)fluoranthene
Concen: 47.771 ng
RT: 24.036 min Scan# 3518
Delta R.T. -0.008 min
Lab File: BG053614.D
Acq: 18 May 2022 22:02

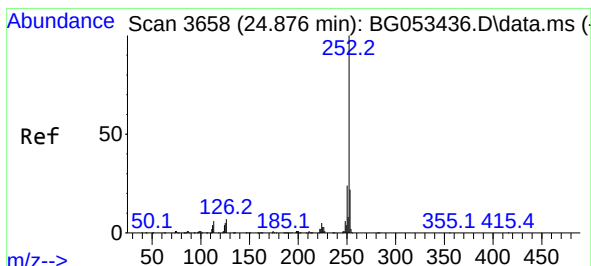
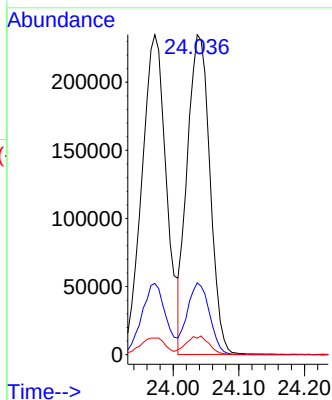
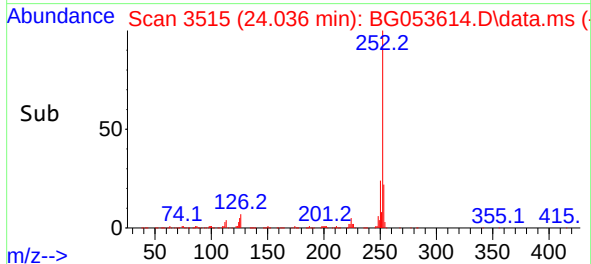
Instrument :
BNA_G
ClientSampleId :
GC-2MS



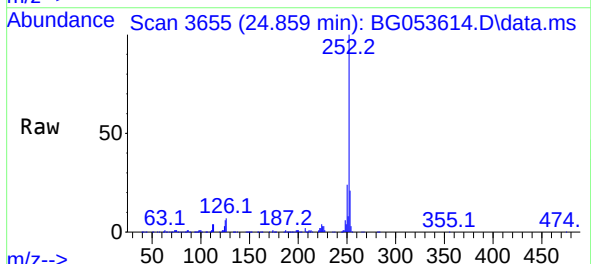
Tgt Ion:252 Resp: 56490
Ion Ratio Lower Upper
252 100
253 22.5 18.4 27.6
125 5.2 4.8 7.2

Manual Integrations
APPROVED

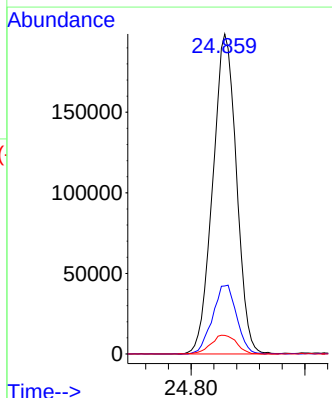
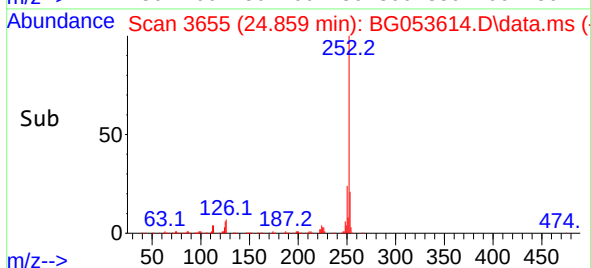
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

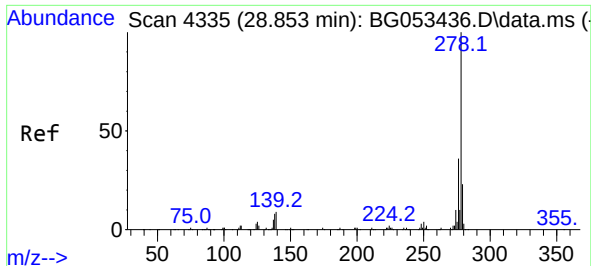


#90
Benzo(a)pyrene
Concen: 56.023 ng
RT: 24.859 min Scan# 3655
Delta R.T. -0.008 min
Lab File: BG053614.D
Acq: 18 May 2022 22:02



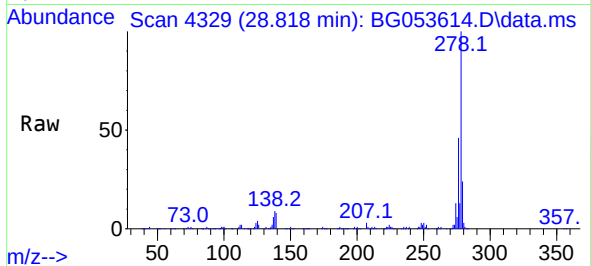
Tgt Ion:252 Resp: 573827
Ion Ratio Lower Upper
252 100
253 21.3 17.8 26.8
125 5.8 4.3 6.5





#91
Dibenzo(a,h)anthracene
Concen: 48.664 ng
RT: 28.818 min Scan# 41
Delta R.T. -0.020 min
Lab File: BG053614.D
Acq: 18 May 2022 22:02

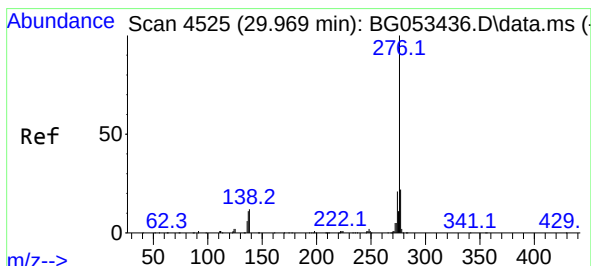
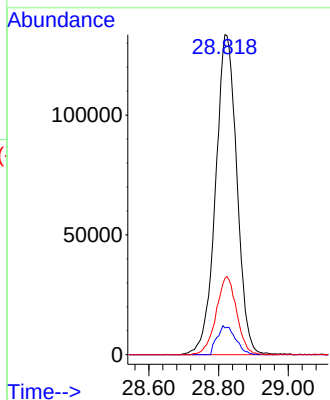
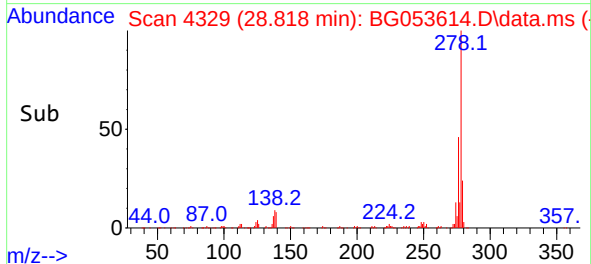
Instrument :
BNA_G
ClientSampleId :
GC-2MS



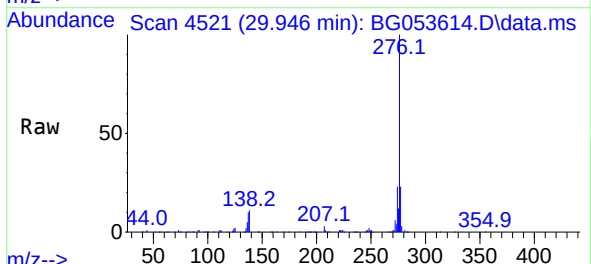
Tgt Ion:278 Resp: 56779
Ion Ratio Lower Upper
278 100
139 8.4 7.2 10.8
279 23.8 18.6 27.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#92
Benzo(g,h,i)perylene
Concen: 49.467 ng
RT: 29.946 min Scan# 4521
Delta R.T. -0.008 min
Lab File: BG053614.D
Acq: 18 May 2022 22:02



Tgt Ion:276 Resp: 572100
Ion Ratio Lower Upper
276 100
277 23.3 17.3 25.9
138 11.4 9.6 14.4

