

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051822\
 Data File : BG053615.D
 Acq On : 18 May 2022 22:42
 Operator : CG/JU
 Sample : N2907-02MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GC-2MSD

Quant Time: May 19 05:13:23 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)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.076	152	22685	20.000	ng	-0.01
21) Naphthalene-d8	10.890	136	95806	20.000	ng	0.00
39) Acenaphthene-d10	14.708	164	77286	20.000	ng	0.00
64) Phenanthrene-d10	17.452	188	193620	20.000	ng	0.00
76) Chrysene-d12	21.734	240	190777	20.000	ng	0.00
86) Perylene-d12	25.006	264	199231	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.644	112	118277	88.487	ng	0.00
7) Phenol-d6	7.242	99	176397	86.955	ng	0.00
23) Nitrobenzene-d5	9.239	82	123018	54.659	ng	-0.01
42) 2,4,6-Tribromophenol	16.195	330	98892	86.757	ng	0.00
45) 2-Fluorobiphenyl	13.328	172	269457	50.947	ng	0.00
79) Terphenyl-d14	20.054	244	553000	53.987	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.518	88	24369	34.747	ng	# 90
3) Pyridine	3.923	79	60735	35.460	ng	95
4) n-Nitrosodimethylamine	3.835	42	40470	48.506	ng	# 94
6) Aniline	7.401	93	105149	46.799	ng	98
8) 2-Chlorophenol	7.647	128	70519	50.466	ng	95
9) Benzaldehyde	7.213	77	60244m	46.746	ng	
10) Phenol	7.271	94	103080	51.955	ng	96
11) bis(2-Chloroethyl)ether	7.489	93	69451	46.936	ng	98
12) 1,3-Dichlorobenzene	7.971	146	75474	45.784	ng	95
13) 1,4-Dichlorobenzene	8.112	146	77808	46.774	ng	96
14) 1,2-Dichlorobenzene	8.435	146	73904	47.311	ng	98
15) Benzyl Alcohol	8.317	79	75747m	44.663	ng	
16) 2,2'-oxybis(1-Chloropr...	8.599	45	109802	45.593	ng	97
17) 2-Methylphenol	8.523	107	66784	49.802	ng	94
18) Hexachloroethane	9.163	117	28371	44.912	ng	95
19) n-Nitroso-di-n-propyla...	8.881	70	66909	45.970	ng	96
20) 3+4-Methylphenols	8.852	107	94246	49.763	ng	97
22) Acetophenone	8.899	105	116211	44.320	ng	# 97
24) Nitrobenzene	9.281	77	100861	46.302	ng	97
25) Isophorone	9.803	82	189864	50.126	ng	99
26) 2-Nitrophenol	9.997	139	41091	46.574	ng	95
27) 2,4-Dimethylphenol	10.056	122	74035	55.760	ng	94
28) bis(2-Chloroethoxy)met...	10.285	93	98805	45.356	ng	99
29) 2,4-Dichlorophenol	10.544	162	81225	50.687	ng	94
30) 1,2,4-Trichlorobenzene	10.749	180	81749	44.900	ng	98
31) Naphthalene	10.937	128	219787	45.099	ng	99
32) Benzoic acid	10.232	122	32668m	40.888	ng	
33) 4-Chloroaniline	11.049	127	43082	21.109	ng	96
34) Hexachlorobutadiene	11.225	225	60874	45.089	ng	96
35) Caprolactam	11.824	113	29437m	50.550	ng	
36) 4-Chloro-3-methylphenol	12.177	107	96183	50.178	ng	100
37) 2-Methylnaphthalene	12.541	142	164585	45.254	ng	98
38) 1-Methylnaphthalene	12.758	142	159440m	44.933	ng	
40) 1,2,4,5-Tetrachloroben...	12.911	216	109202	44.826	ng	99
41) Hexachlorocyclopentadiene	12.887	237	95285	94.254	ng	98
43) 2,4,6-Trichlorophenol	13.146	196	76413	48.052	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.234	196	84281	49.798	ng	98
46) 1,1'-Biphenyl	13.539	154	236634	44.918	ng	98
47) 2-Chloronaphthalene	13.586	162	182011	44.098	ng	99
48) 2-Nitroaniline	13.786	65	76704	49.874	ng	97
49) Acenaphthylene	14.432	152	320866	48.717	ng	98
50) Dimethylphthalate	14.156	163	268755	45.761	ng	99
51) 2,6-Dinitrotoluene	14.280	165	59225	49.498	ng	98
52) Acenaphthene	14.773	154	176844	45.055	ng	97
53) 3-Nitroaniline	14.609	138	41635	32.205	ng	95
54) 2,4-Dinitrophenol	14.826	184	51910	69.256	ng	96
55) Dibenzofuran	15.102	168	315124	44.697	ng	99
56) 4-Nitrophenol	14.932	139	88475	95.814	ng	87
57) 2,4-Dinitrotoluene	15.073	165	85456	49.272	ng #	93
58) Fluorene	15.754	166	259306	45.832	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.337	232	78919	45.959	ng	98
60) Diethylphthalate	15.513	149	281391	46.383	ng	99
61) 4-Chlorophenyl-phenyle...	15.736	204	144427	45.747	ng	98
62) 4-Nitroaniline	15.778	138	62486	46.599	ng	98
63) Azobenzene	16.030	77	284836	45.851	ng	99
65) 4,6-Dinitro-2-methylph...	15.836	198	48868	42.357	ng	96
66) n-Nitrosodiphenylamine	15.954	169	237522	46.724	ng	99
67) 4-Bromophenyl-phenylether	16.635	248	104719	46.310	ng	92
68) Hexachlorobenzene	16.765	284	114410	46.198	ng	97
69) Atrazine	16.900	200	102369	47.834	ng	96
70) Pentachlorophenol	17.111	266	119142	88.791	ng	91
71) Phenanthrene	17.493	178	455755	46.292	ng	97
72) Anthracene	17.587	178	462300	47.773	ng	98
73) Carbazole	17.857	167	424412	44.750	ng	98
74) Di-n-butylphthalate	18.403	149	495535	46.458	ng	99
75) Fluoranthene	19.502	202	582222	45.673	ng	99
77) Benzidine	19.678	184	351426	85.465	ng	99
78) Pyrene	19.866	202	581344	47.073	ng	99
80) Butylbenzylphthalate	20.736	149	213839	47.219	ng	96
81) Benzo(a)anthracene	21.717	228	566241	46.535	ng	99
82) 3,3'-Dichlorobenzidine	21.623	252	134713	43.657	ng #	95
83) Chrysene	21.781	228	517002	45.492	ng	97
84) Bis(2-ethylhexyl)phtha...	21.605	149	304726	48.751	ng	99
85) Di-n-octyl phthalate	22.827	149	510767	48.324	ng	100
87) Indeno(1,2,3-cd)pyrene	28.772	276	636310	45.857	ng #	95
88) Benzo(b)fluoranthene	23.972	252	599004	50.794	ng	100
89) Benzo(k)fluoranthene	24.037	252	544344	46.973	ng	99
90) Benzo(a)pyrene	24.859	252	554586	55.252	ng	100
91) Dibenzo(a,h)anthracene	28.825	278	548073	47.935	ng	98
92) Benzo(g,h,i)perylene	29.947	276	543425	47.948	ng	97

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

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Manual Integrations

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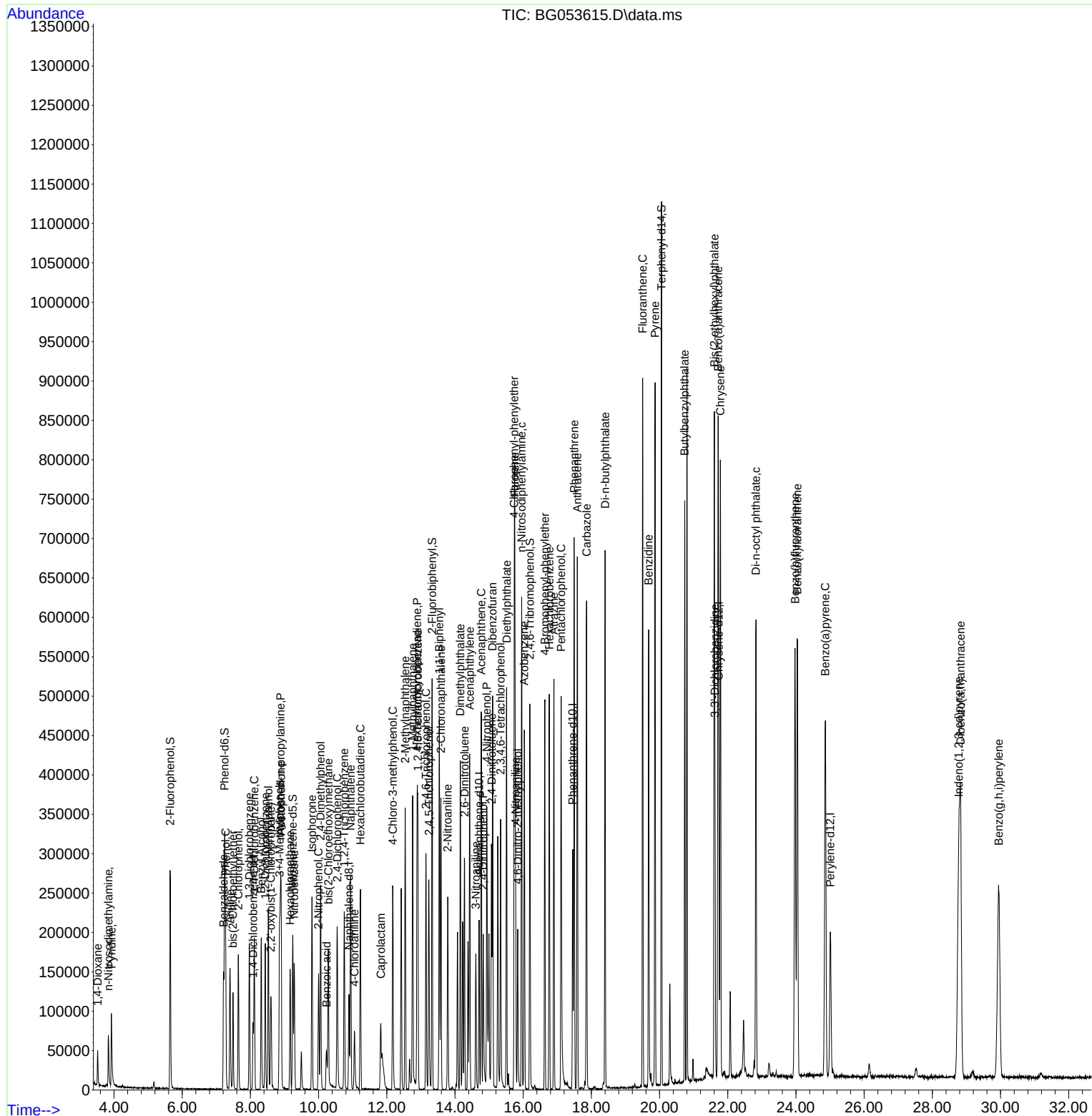
Quant Time: May 19 05:13:23 2022

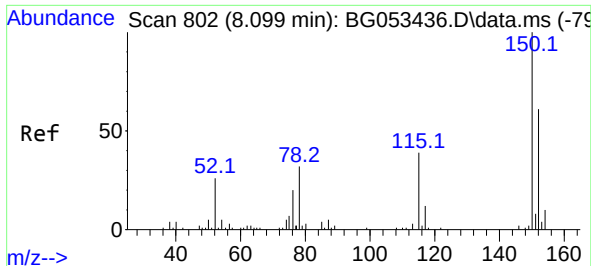
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M

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QLast Update : Wed May 11 06:00:46 2022

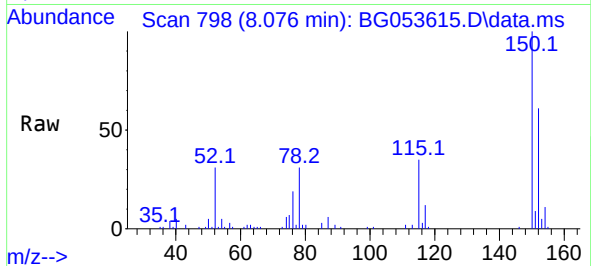
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.076 min Scan# 74
Delta R.T. -0.013 min
Lab File: BG053615.D
Acq: 18 May 2022 22:42

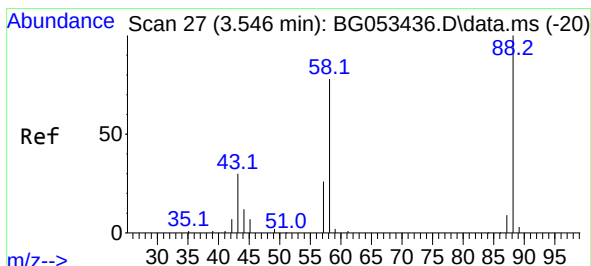
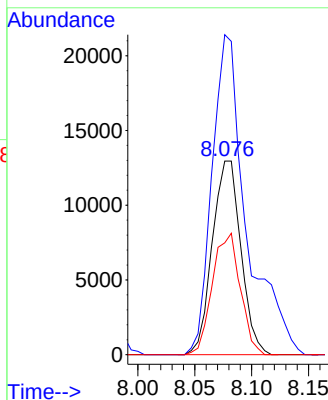
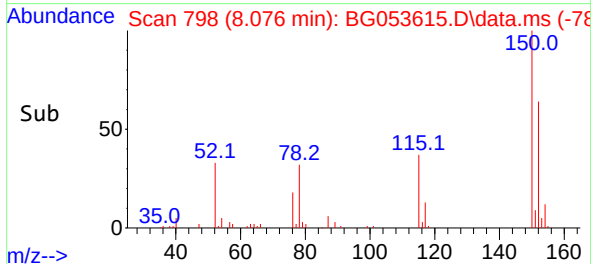
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BNA_G
ClientSampleId :
GC-2MSD



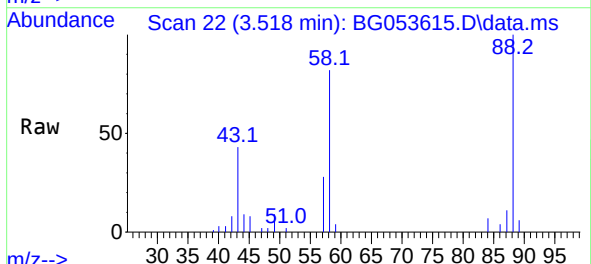
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Ion Ratio Lower Upper
152 100
150 165.2 131.6 197.4
115 57.7 50.9 76.3

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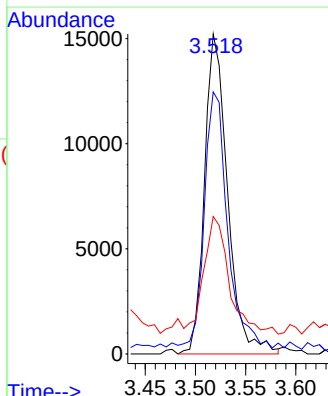
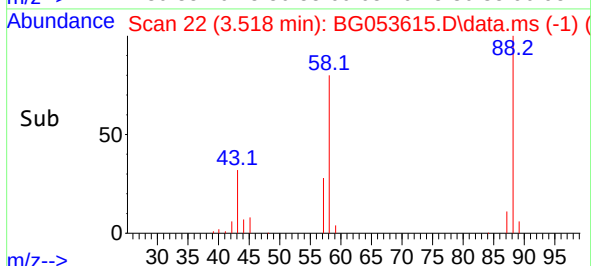
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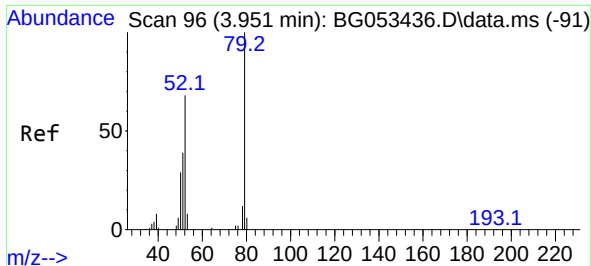


#2
1,4-Dioxane
Concen: 34.747 ng
RT: 3.518 min Scan# 22
Delta R.T. -0.019 min
Lab File: BG053615.D
Acq: 18 May 2022 22:42



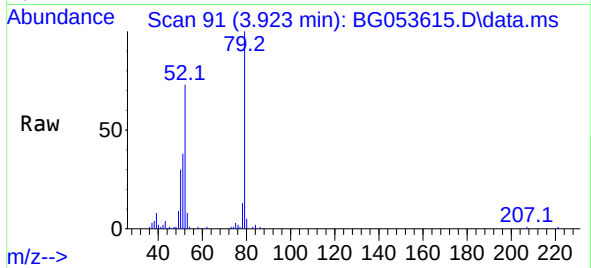
Tgt Ion: 88 Resp: 24369
Ion Ratio Lower Upper
88 100
58 79.9 59.2 88.8
43 40.3 24.3 36.5#





#3
Pyridine
Concen: 35.460 ng
RT: 3.923 min Scan# 91
Delta R.T. -0.013 min
Lab File: BG053615.D
Acq: 18 May 2022 22:42

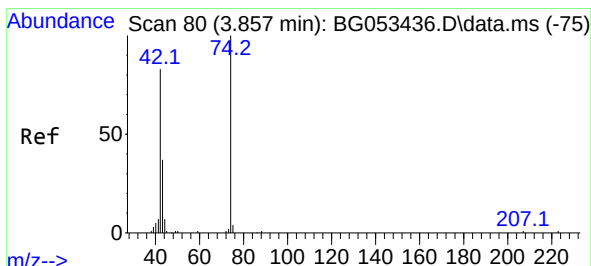
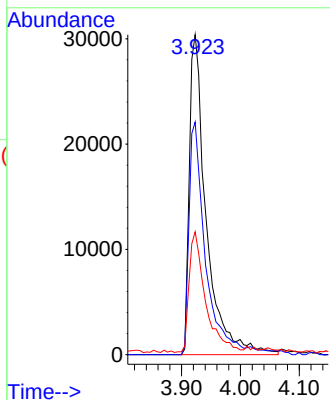
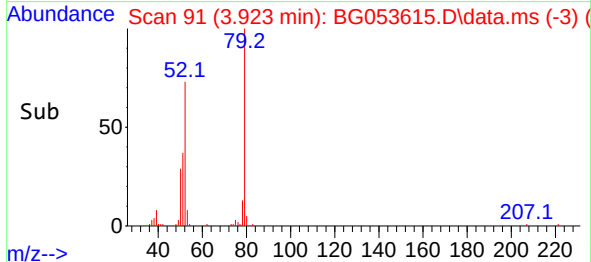
Instrument :
BNA_G
ClientSampleId :
GC-2MSD



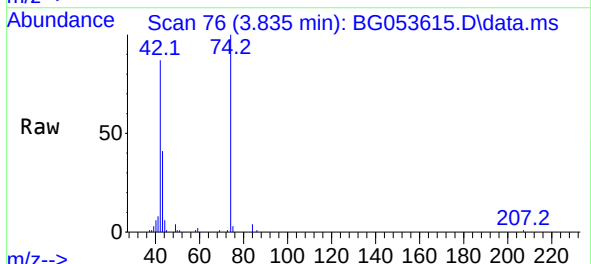
Tgt Ion: 79 Resp: 60735
Ion Ratio Lower Upper
79 100
52 72.7 54.6 81.8
51 38.4 32.5 48.7

Manual Integrations
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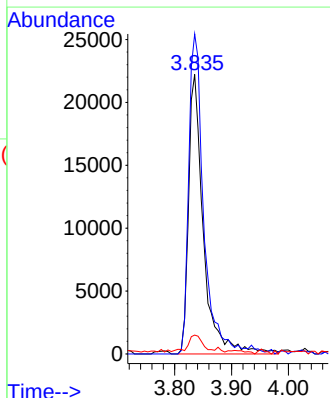
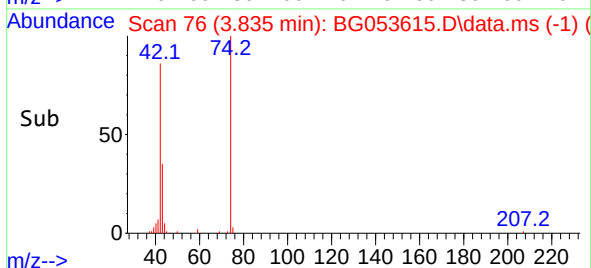
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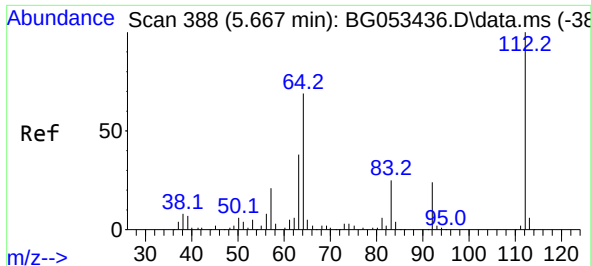


#4
n-Nitrosodimethylamine
Concen: 48.506 ng
RT: 3.835 min Scan# 76
Delta R.T. -0.013 min
Lab File: BG053615.D
Acq: 18 May 2022 22:42



Tgt Ion: 42 Resp: 40470
Ion Ratio Lower Upper
42 100
74 114.5 97.0 145.4
44 6.8 7.0 10.4





#5
2-Fluorophenol
Concen: 88.487 ng
RT: 5.644 min Scan# 311
Delta R.T. -0.007 min
Lab File: BG053615.D
Acq: 18 May 2022 22:42

Instrument :

BNA_G

ClientSampleId :

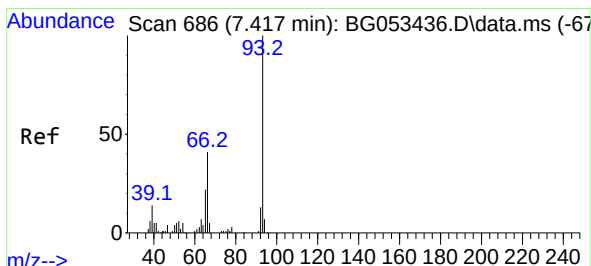
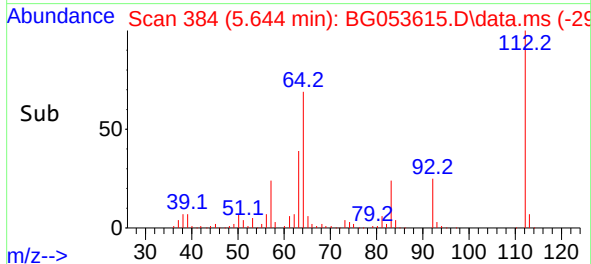
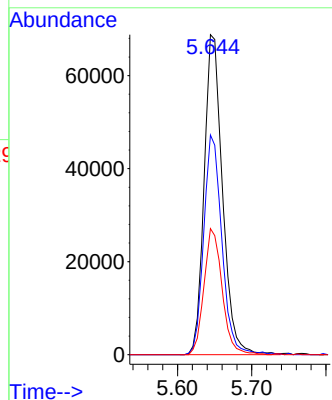
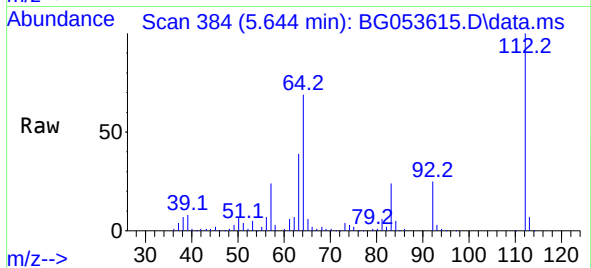
GC-2MSD

Tgt Ion:112 Resp: 11827
Ion Ratio Lower Upper
112 100
64 68.6 55.1 82.7
63 39.4 30.4 45.6

Manual Integrations

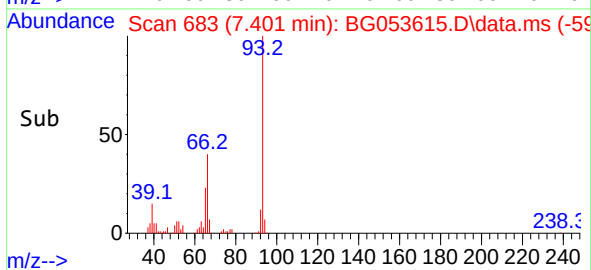
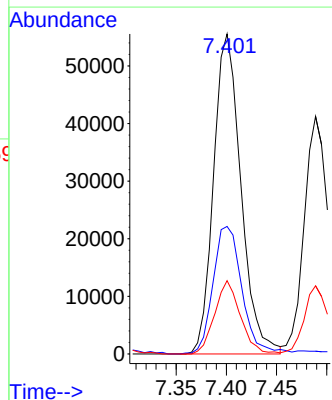
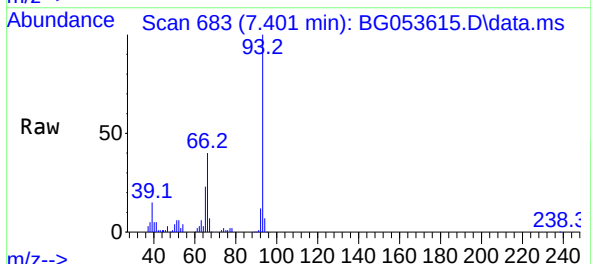
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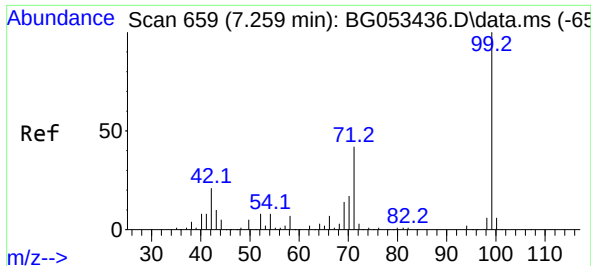
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#6
Aniline
Concen: 46.799 ng
RT: 7.401 min Scan# 683
Delta R.T. -0.007 min
Lab File: BG053615.D
Acq: 18 May 2022 22:42

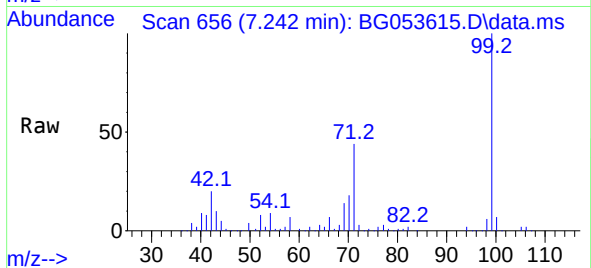
Tgt Ion: 93 Resp: 105149
Ion Ratio Lower Upper
93 100
66 39.9 32.9 49.3
65 22.9 17.8 26.8





#7
Phenol-d6
Concen: 86.955 ng
RT: 7.242 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG053615.D
Acq: 18 May 2022 22:42

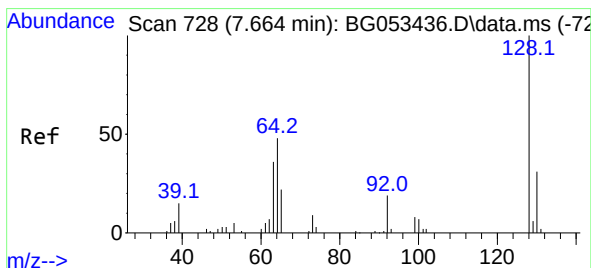
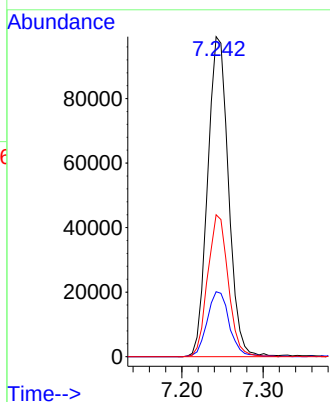
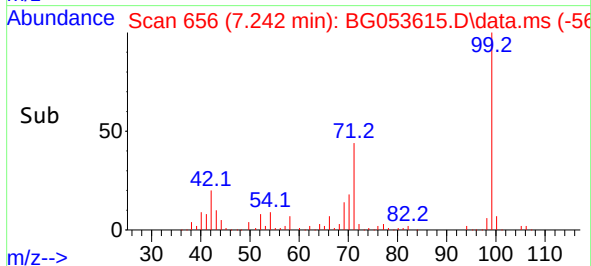
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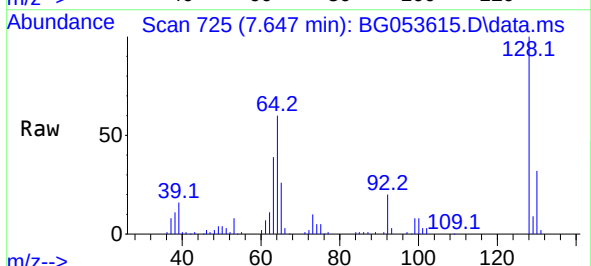
Tgt Ion: 99 Resp: 17639
Ion Ratio Lower Upper
99 100
42 20.3 17.0 25.6
71 44.4 33.8 50.8

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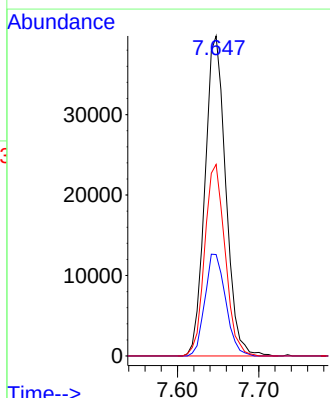
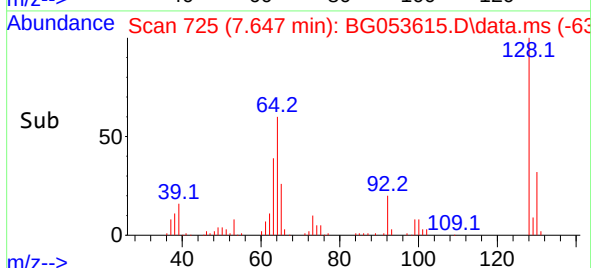
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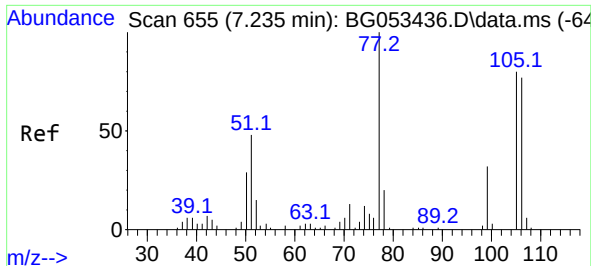


#8
2-Chlorophenol
Concen: 50.466 ng
RT: 7.647 min Scan# 725
Delta R.T. -0.007 min
Lab File: BG053615.D
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Tgt Ion:128 Resp: 70519
Ion Ratio Lower Upper
128 100
130 31.7 10.5 50.5
64 59.9 35.1 75.1





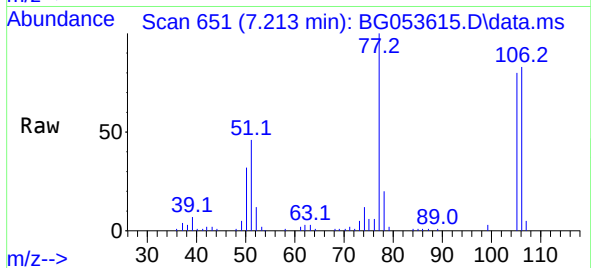
#9
Benzaldehyde
Concen: 46.746 ng m
RT: 7.213 min Scan# 61
Delta R.T. -0.013 min
Lab File: BG053615.D
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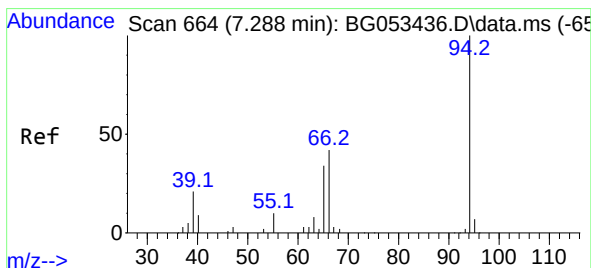
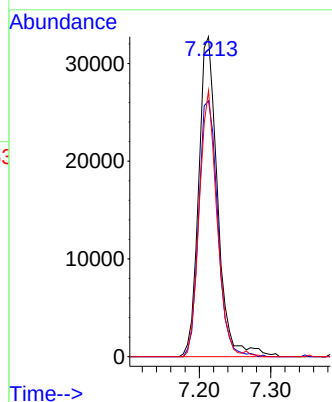


Tgt Ion: 77 Resp: 60244
Ion Ratio Lower Upper
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105 79.9 59.6 99.6
106 83.2 56.8 96.8

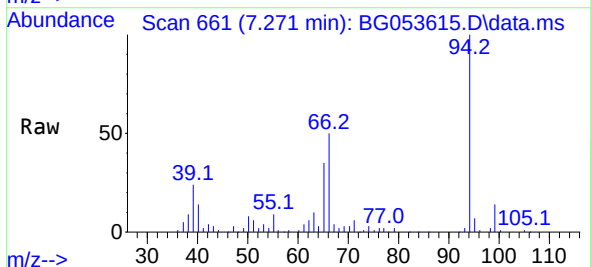
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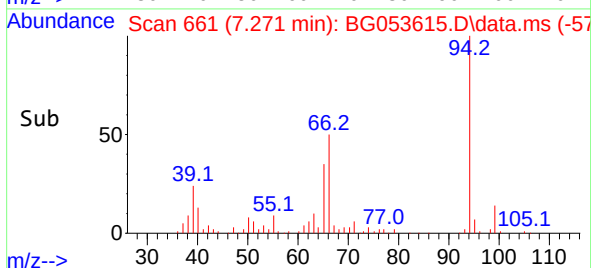
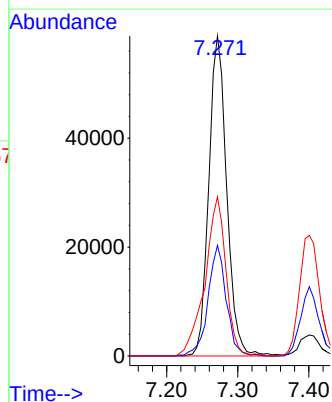
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

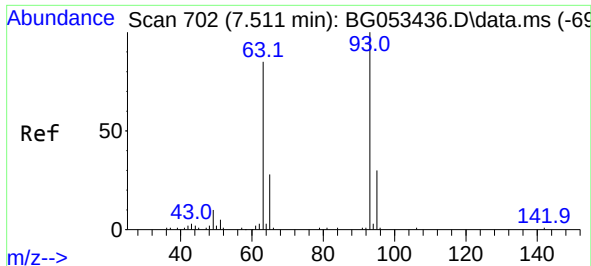


#10
Phenol
Concen: 51.955 ng
RT: 7.271 min Scan# 661
Delta R.T. -0.007 min
Lab File: BG053615.D
Acq: 18 May 2022 22:42



Tgt Ion: 94 Resp: 103080
Ion Ratio Lower Upper
94 100
65 34.5 14.8 54.8
66 49.7 25.2 65.2





#11
bis(2-Chloroethyl)ether
Concen: 46.936 ng
RT: 7.489 min Scan# 6945
Delta R.T. -0.013 min
Lab File: BG053615.D
Acq: 18 May 2022 22:42

Instrument :

BNA_G

ClientSampleId :

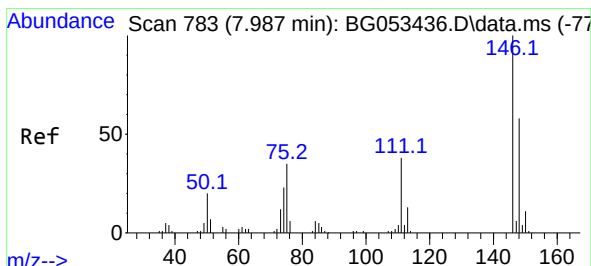
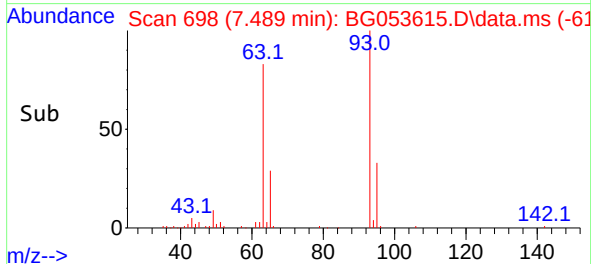
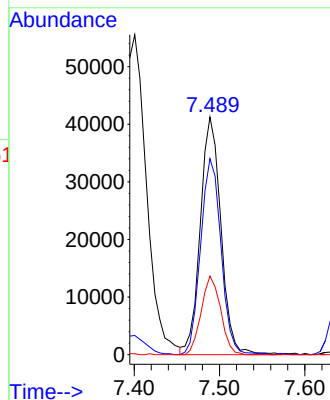
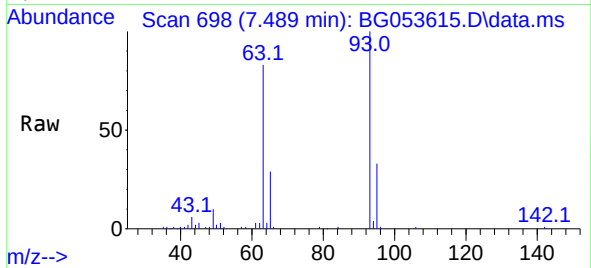
GC-2MSD

Tgt Ion: 93 Resp: 6945
Ion Ratio Lower Upper
93 100
63 82.5 63.6 103.6
95 33.0 10.1 50.1

Manual Integrations

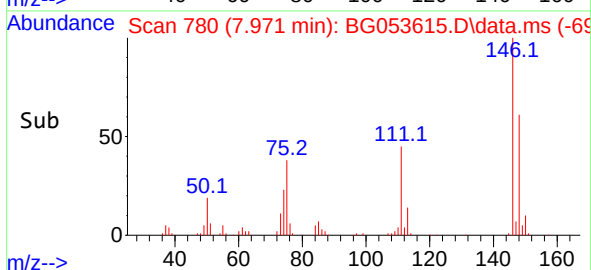
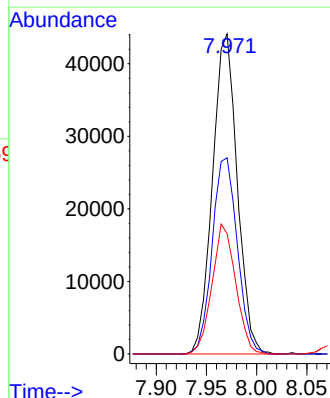
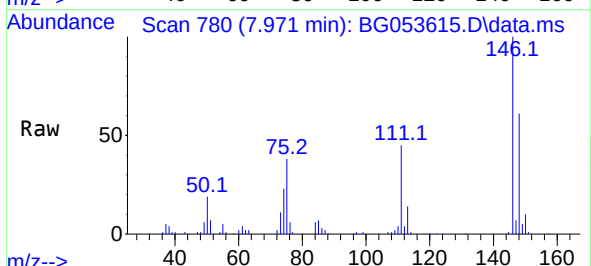
APPROVED

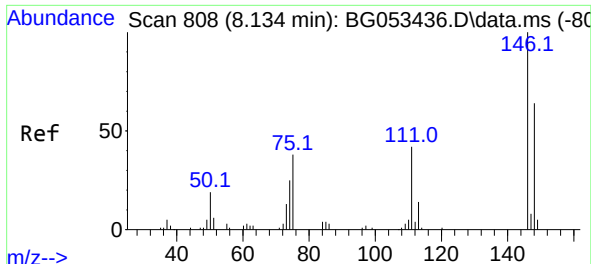
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#12
1,3-Dichlorobenzene
Concen: 45.784 ng
RT: 7.971 min Scan# 780
Delta R.T. -0.007 min
Lab File: BG053615.D
Acq: 18 May 2022 22:42

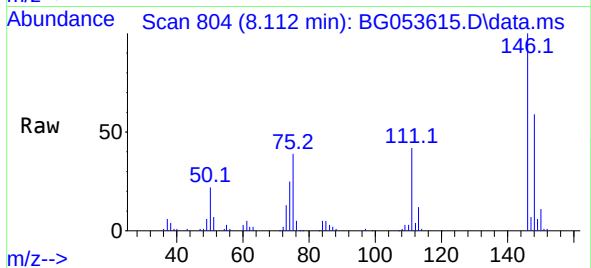
Tgt Ion:146 Resp: 75474
Ion Ratio Lower Upper
146 100
148 61.3 46.1 69.1
75 37.7 27.6 41.4





#13
1,4-Dichlorobenzene
Concen: 46.774 ng
RT: 8.112 min Scan# 808
Delta R.T. -0.013 min
Lab File: BG053615.D
Acq: 18 May 2022 22:42

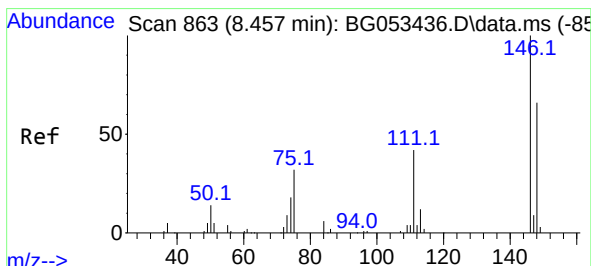
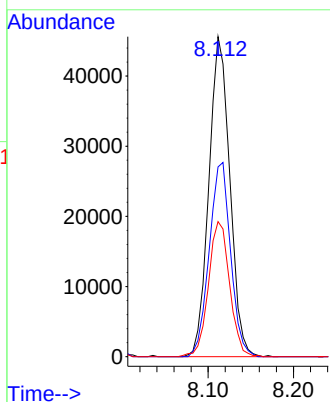
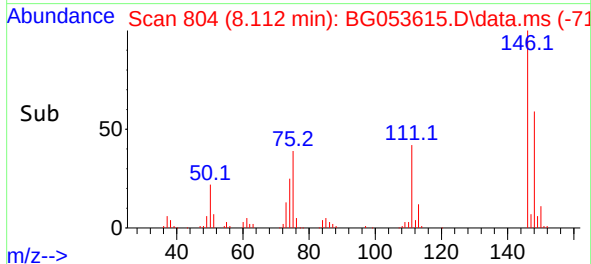
Instrument :
BNA_G
ClientSampleId :
GC-2MSD



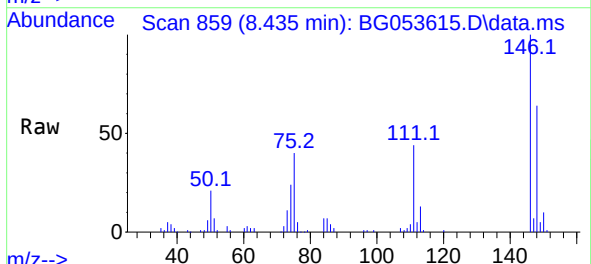
Tgt Ion:146 Resp: 77808
Ion Ratio Lower Upper
146 100
148 59.3 51.5 77.3
111 42.2 33.9 50.9

Manual Integrations
APPROVED

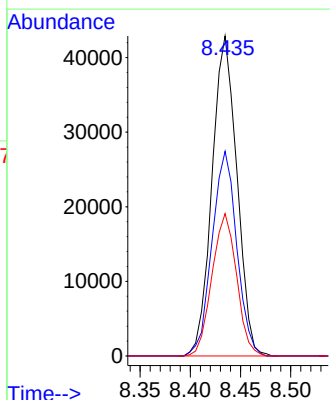
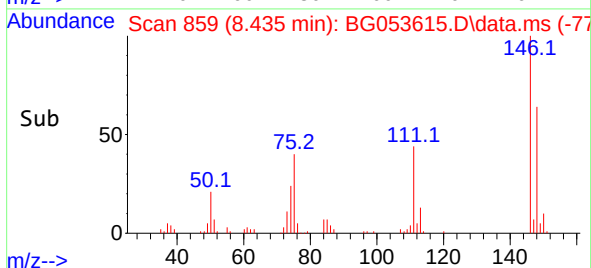
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

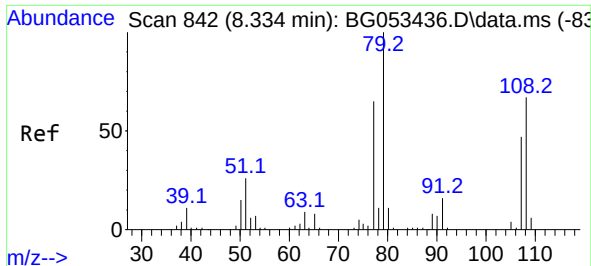


#14
1,2-Dichlorobenzene
Concen: 47.311 ng
RT: 8.435 min Scan# 859
Delta R.T. -0.007 min
Lab File: BG053615.D
Acq: 18 May 2022 22:42



Tgt Ion:146 Resp: 73904
Ion Ratio Lower Upper
146 100
148 64.0 52.6 78.8
111 44.5 34.5 51.7





#15
Benzyl Alcohol
Concen: 44.663 ng m
RT: 8.317 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG053615.D
Acq: 18 May 2022 22:42

Instrument :

BNA_G

ClientSampleId :

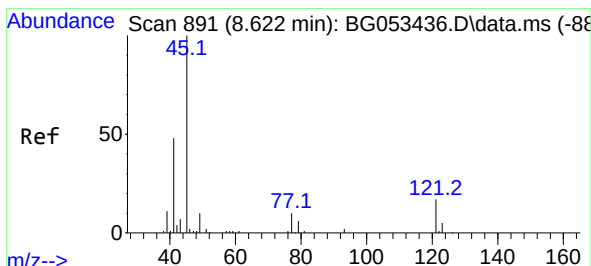
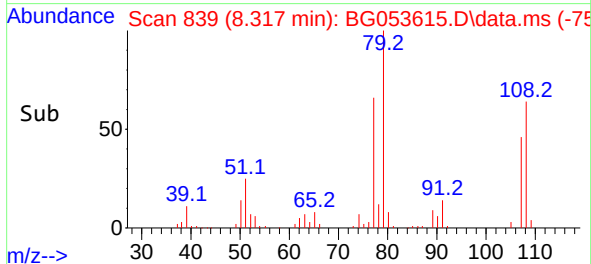
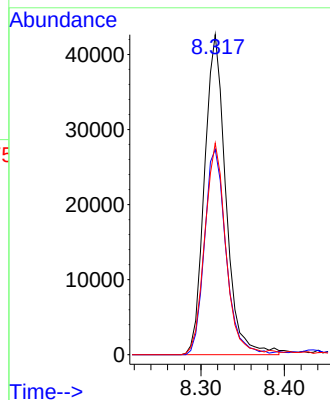
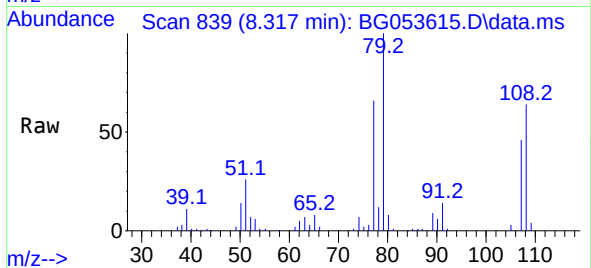
GC-2MSD

Tgt Ion: 79 Resp: 7574
Ion Ratio Lower Upper
79 100
108 64.2 53.7 80.5
77 66.1 52.2 78.4

Manual Integrations

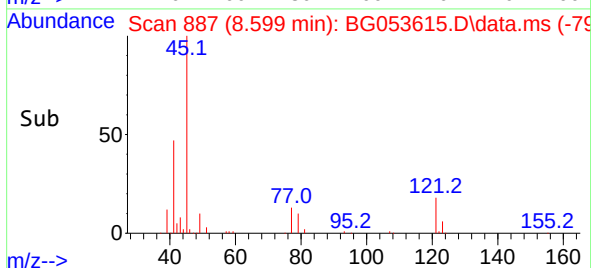
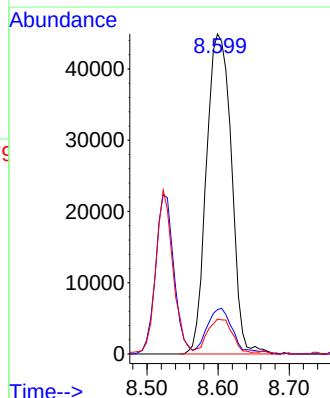
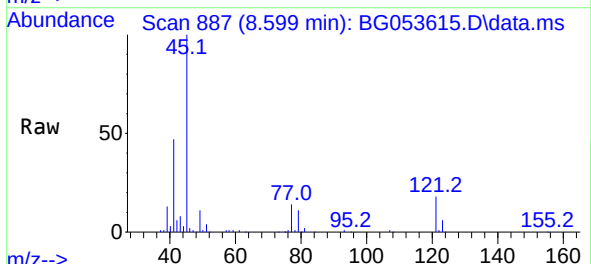
APPROVED

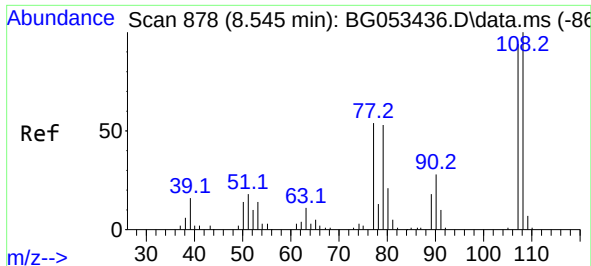
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.593 ng
RT: 8.599 min Scan# 887
Delta R.T. -0.013 min
Lab File: BG053615.D
Acq: 18 May 2022 22:42

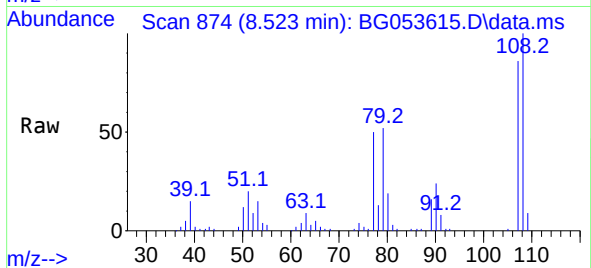
Tgt Ion: 45 Resp: 109802
Ion Ratio Lower Upper
45 100
77 13.9 0.0 32.7
79 10.9 0.0 29.7





#17
2-Methylphenol
Concen: 49.802 ng
RT: 8.523 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG053615.D
Acq: 18 May 2022 22:42

Instrument :
BNA_G
ClientSampleId :
GC-2MSD

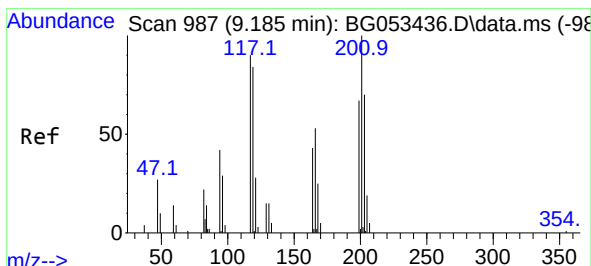
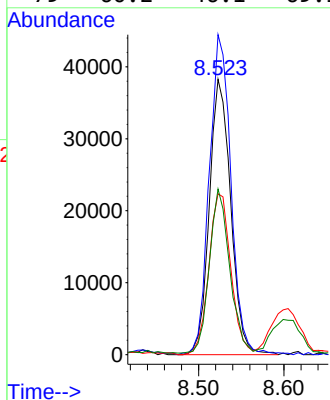
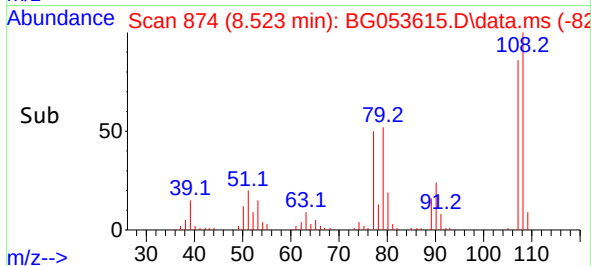


Tgt Ion:107 Resp: 66784

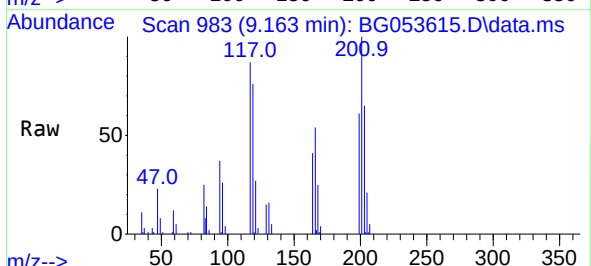
Ion	Ratio	Lower	Upper
107	100		
108	116.2	85.4	128.0
77	58.4	46.2	69.2
79	60.2	46.1	69.1

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

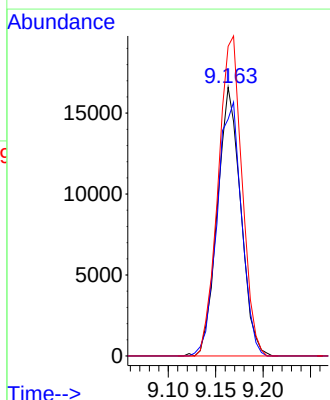
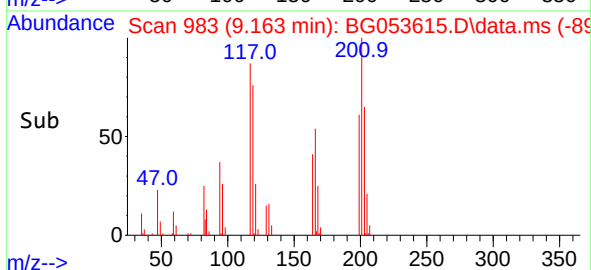


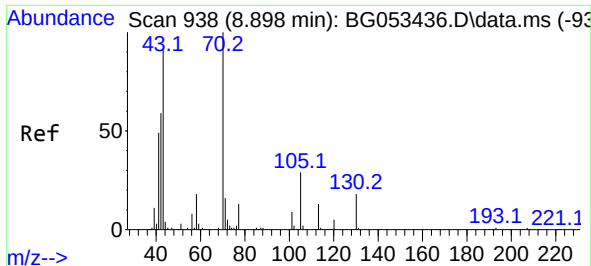
#18
Hexachloroethane
Concen: 44.912 ng
RT: 9.163 min Scan# 983
Delta R.T. -0.013 min
Lab File: BG053615.D
Acq: 18 May 2022 22:42



Tgt Ion:117 Resp: 28371

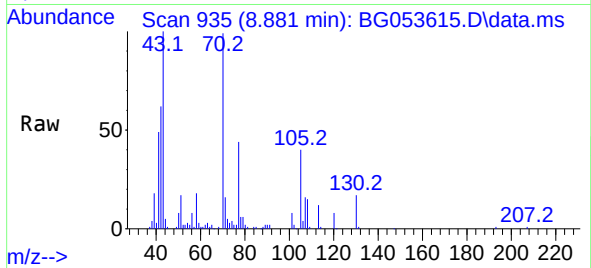
Ion	Ratio	Lower	Upper
117	100		
119	88.2	75.0	112.6
201	115.3	89.0	133.6





#19
n-Nitroso-di-n-propylamine
Concen: 45.970 ng
RT: 8.881 min Scan# 91
Delta R.T. -0.007 min
Lab File: BG053615.D
Acq: 18 May 2022 22:42

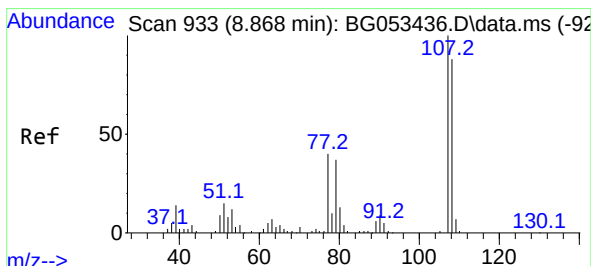
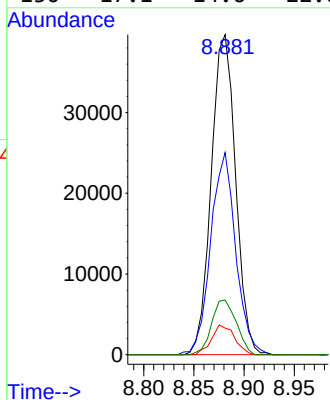
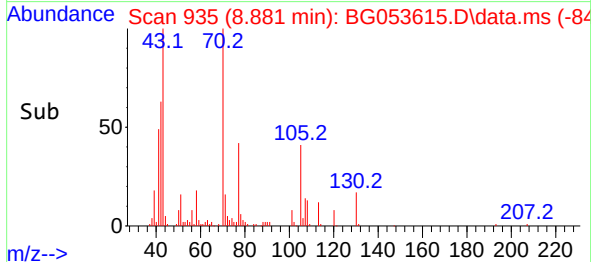
Instrument :
BNA_G
ClientSampleId :
GC-2MSD



Tgt Ion: 70 Resp: 66909
Ion Ratio Lower Upper
70 100
42 63.1 47.3 70.9
101 8.3 7.0 10.4
130 17.1 14.6 22.0

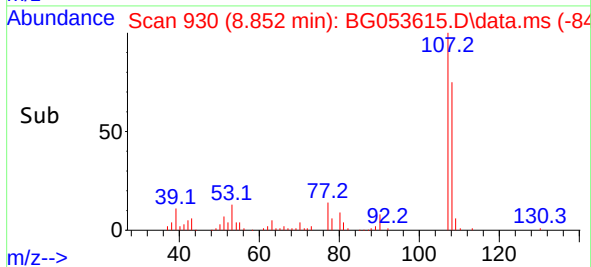
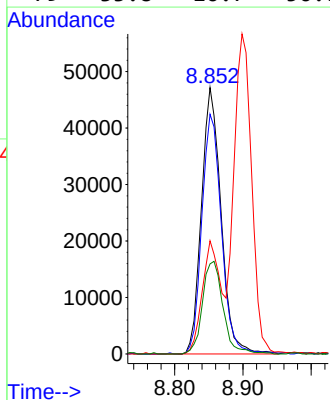
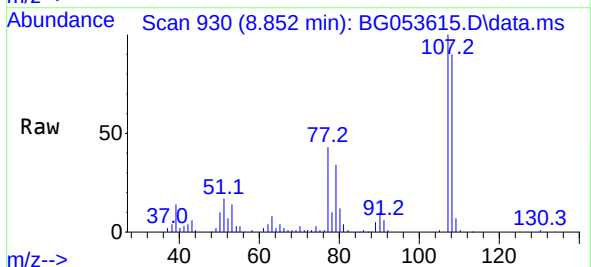
Manual Integrations
APPROVED

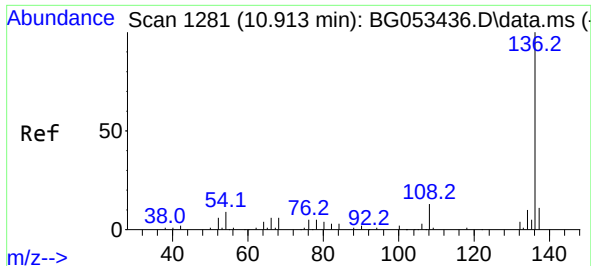
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#20
3+4-Methylphenols
Concen: 49.763 ng
RT: 8.852 min Scan# 930
Delta R.T. -0.007 min
Lab File: BG053615.D
Acq: 18 May 2022 22:42

Tgt Ion:107 Resp: 94246
Ion Ratio Lower Upper
107 100
108 90.0 67.5 107.5
77 42.5 20.3 60.3
79 33.8 16.7 56.7





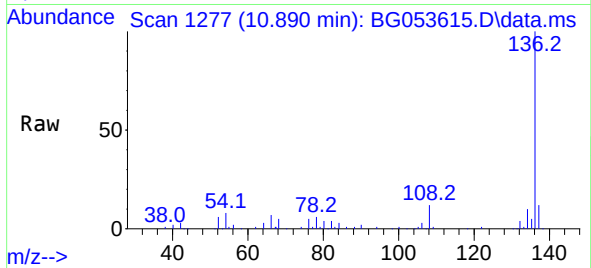
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.890 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG053615.D
Acq: 18 May 2022 22:42

Instrument :

BNA_G

ClientSampleId :

GC-2MSD

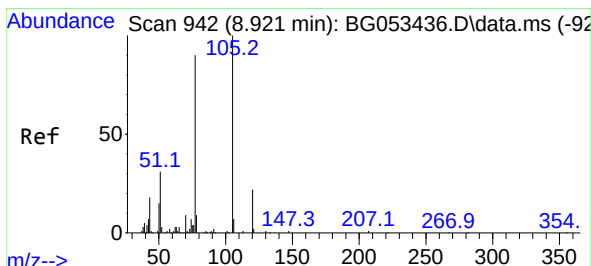
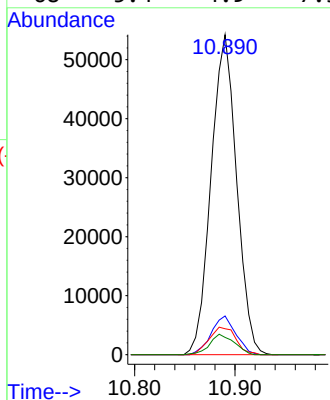
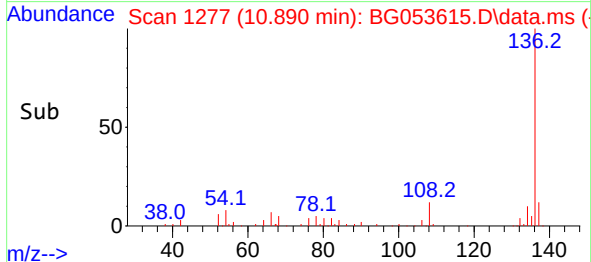


Tgt Ion:136 Resp: 95800
Ion Ratio Lower Upper
136 100
137 12.1 8.5 12.7
54 8.1 7.4 11.2
68 5.4 4.9 7.3

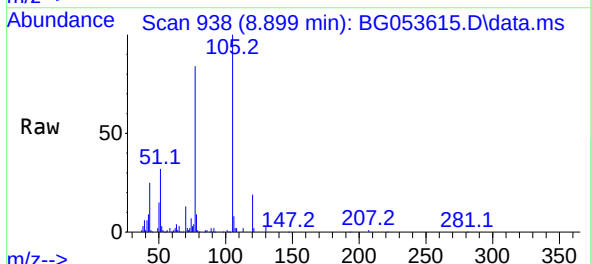
Manual Integrations

APPROVED

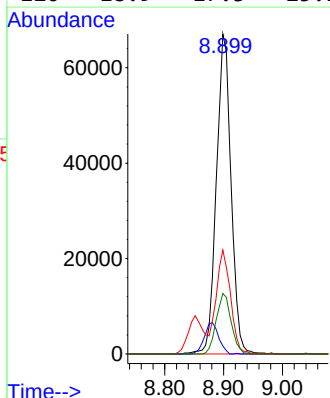
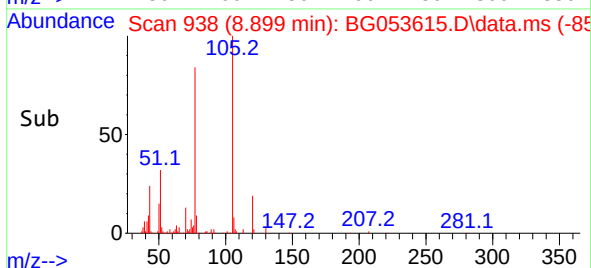
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

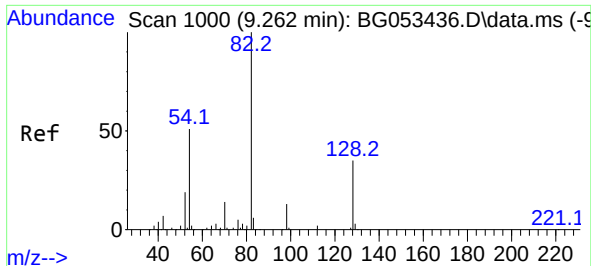


#22
Acetophenone
Concen: 44.320 ng
RT: 8.899 min Scan# 938
Delta R.T. -0.013 min
Lab File: BG053615.D
Acq: 18 May 2022 22:42



Tgt Ion:105 Resp: 116211
Ion Ratio Lower Upper
105 100
71 2.5 1.1 1.7#
51 32.4 25.4 38.0
120 18.9 17.3 25.9





#23

Nitrobenzene-d5

Concen: 54.659 ng

RT: 9.239 min Scan# 90

Delta R.T. -0.013 min

Lab File: BG053615.D

Acq: 18 May 2022 22:42

Instrument :

BNA_G

ClientSampleId :

GC-2MSD

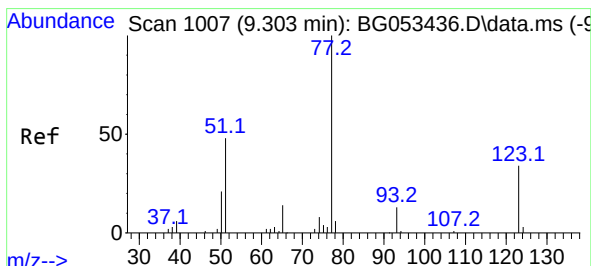
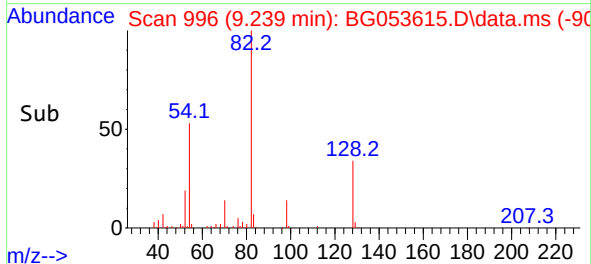
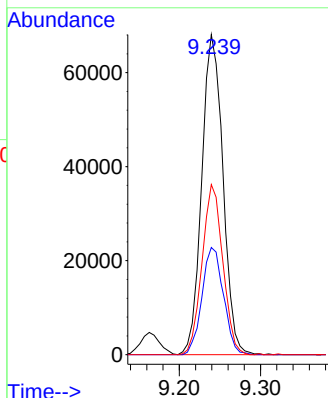
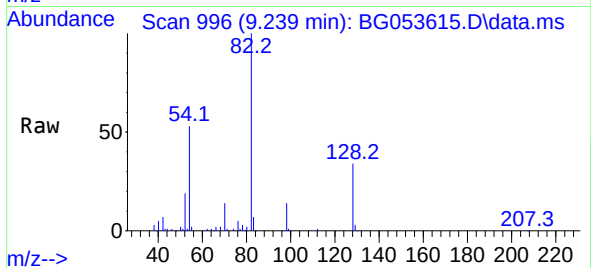
Tgt Ion: 82 Resp: 123018

Ion	Ratio	Lower	Upper
82	100		
128	33.5	27.9	41.9
54	53.2	41.2	61.8

Manual Integrations

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



#24

Nitrobenzene

Concen: 46.302 ng

RT: 9.281 min Scan# 1003

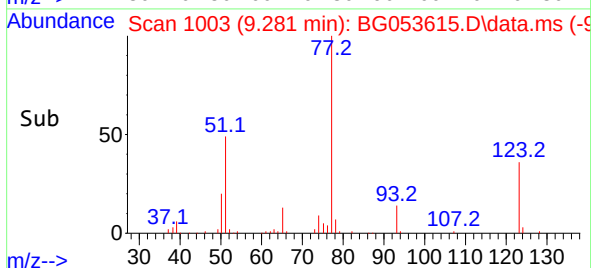
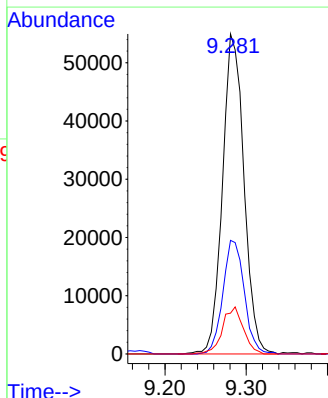
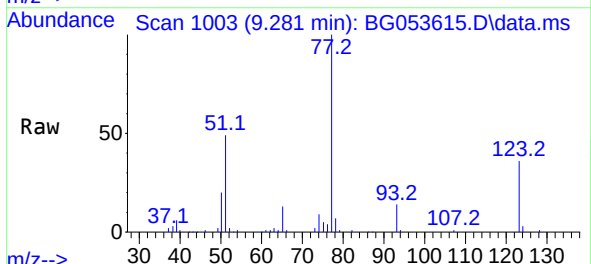
Delta R.T. -0.013 min

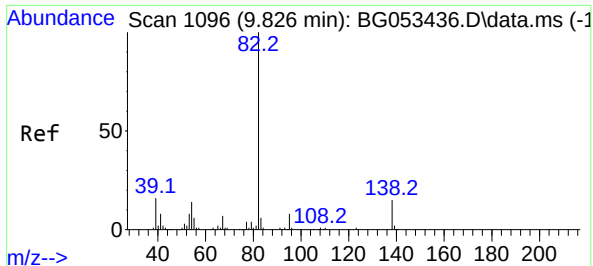
Lab File: BG053615.D

Acq: 18 May 2022 22:42

Tgt Ion: 77 Resp: 100861

Ion	Ratio	Lower	Upper
77	100		
123	35.5	27.4	41.0
65	12.7	11.4	17.0





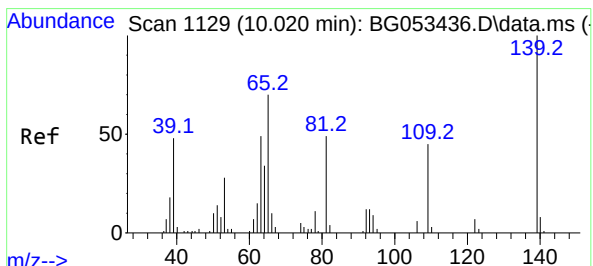
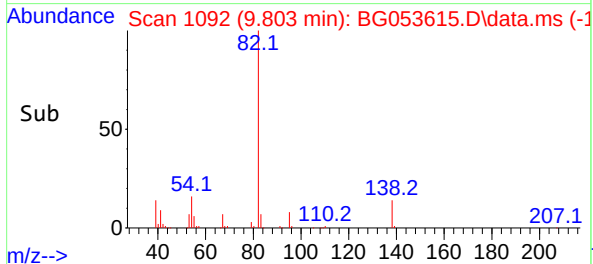
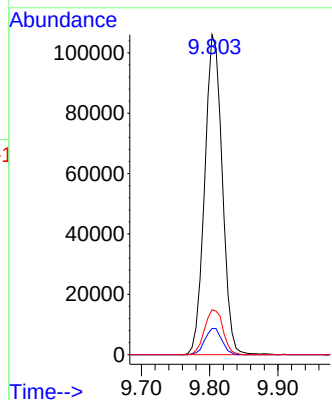
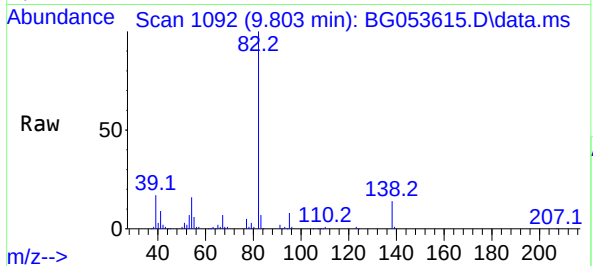
#25
Isophorone
Concen: 50.126 ng
RT: 9.803 min Scan# 1109
Delta R.T. -0.013 min
Lab File: BG053615.D
Acq: 18 May 2022 22:42

Instrument :
BNA_G
ClientSampleId :
GC-2MSD

Tgt Ion: 82 Resp: 189864
Ion Ratio Lower Upper
82 100
95 8.2 6.2 9.4
138 14.1 11.6 17.4

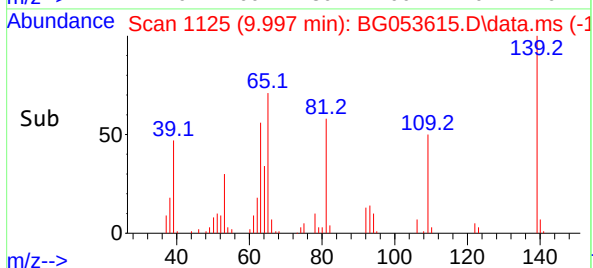
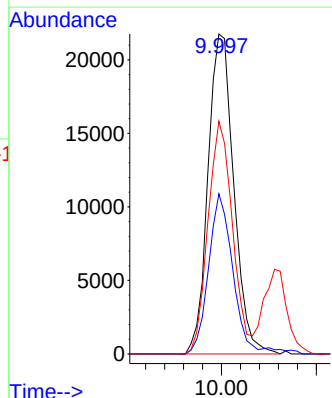
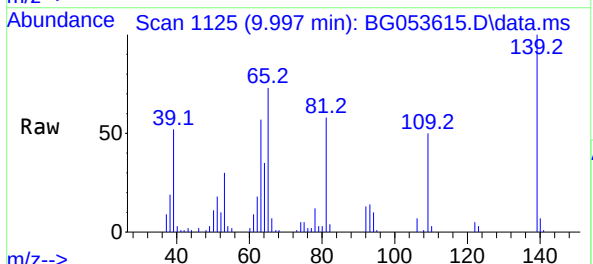
Manual Integrations
APPROVED

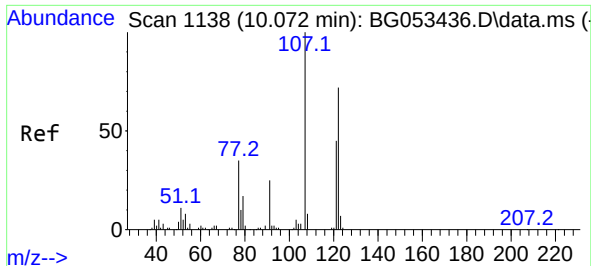
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#26
2-Nitrophenol
Concen: 46.574 ng
RT: 9.997 min Scan# 1125
Delta R.T. -0.013 min
Lab File: BG053615.D
Acq: 18 May 2022 22:42

Tgt Ion:139 Resp: 41091
Ion Ratio Lower Upper
139 100
109 50.1 36.1 54.1
65 72.8 55.8 83.6





#27
2,4-Dimethylphenol
Concen: 55.760 ng
RT: 10.056 min Scan# 1135
Delta R.T. -0.007 min
Lab File: BG053615.D
Acq: 18 May 2022 22:42

Instrument :

BNA_G

ClientSampleId :

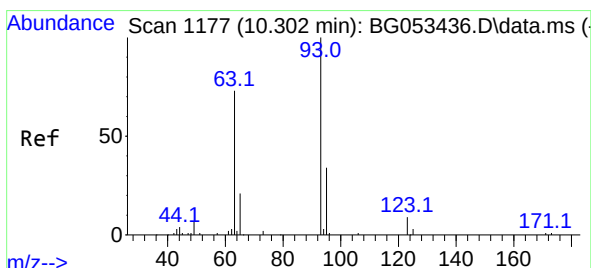
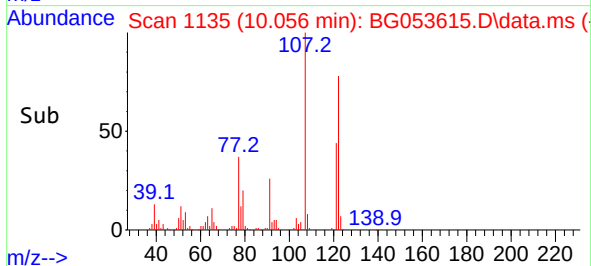
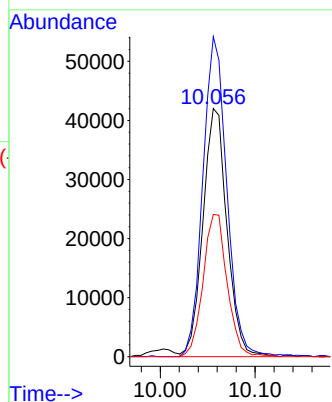
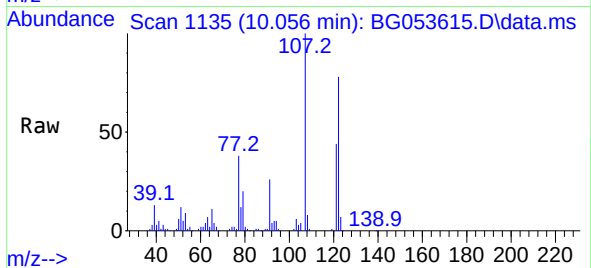
GC-2MSD

Tgt Ion:122 Resp: 74035
Ion Ratio Lower Upper
122 100
107 128.9 109.4 164.0
121 57.3 48.7 73.1

Manual Integrations

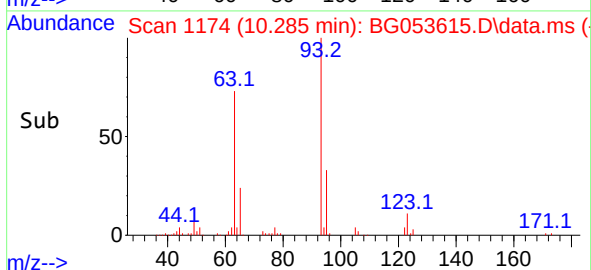
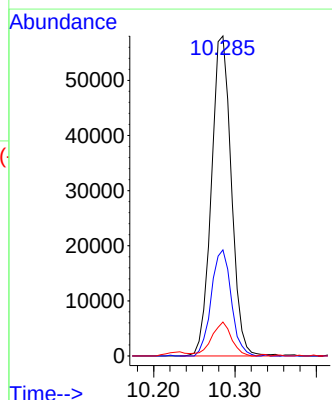
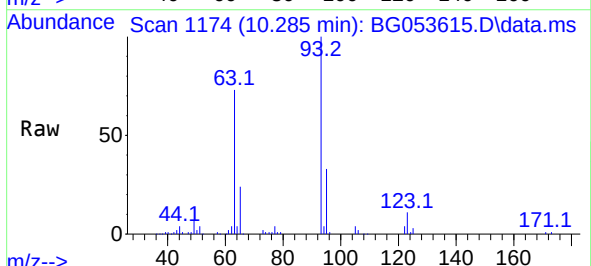
APPROVED

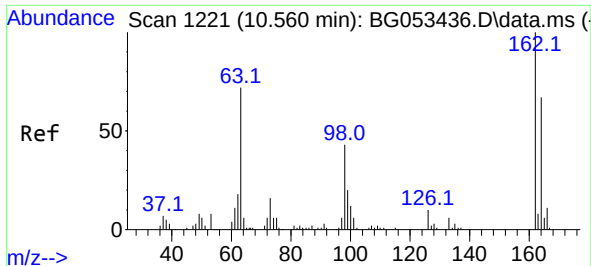
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#28
bis(2-Chloroethoxy)methane
Concen: 45.356 ng
RT: 10.285 min Scan# 1174
Delta R.T. -0.007 min
Lab File: BG053615.D
Acq: 18 May 2022 22:42

Tgt Ion: 93 Resp: 98805
Ion Ratio Lower Upper
93 100
95 33.1 26.9 40.3
123 10.6 7.7 11.5





#29

2,4-Dichlorophenol

Concen: 50.687 ng

RT: 10.544 min Scan# 1218

Delta R.T. -0.007 min

Lab File: BG053615.D

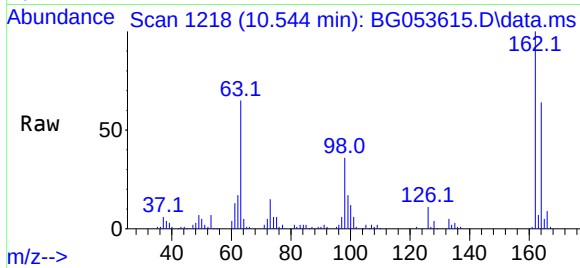
Acq: 18 May 2022 22:42

Instrument :

BNA_G

ClientSampleId :

GC-2MSD



Tgt Ion:162 Resp: 81225

Ion Ratio Lower Upper

162 100

164 63.7 46.6 86.6

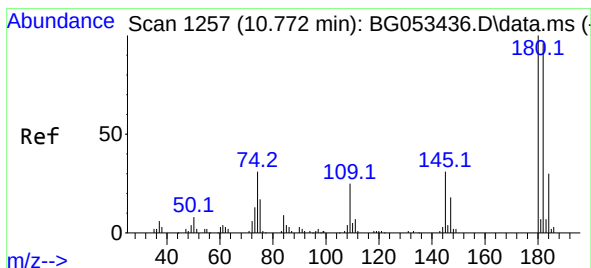
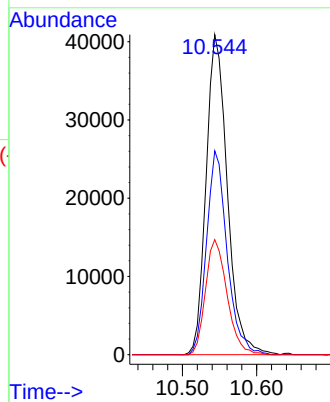
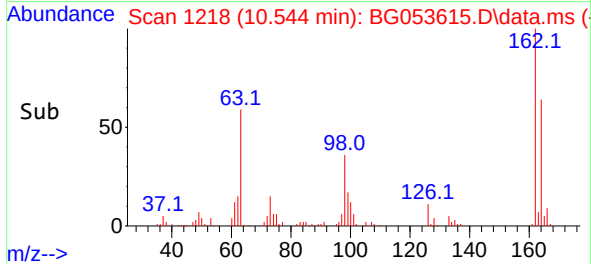
98 35.9 22.8 62.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/19/2022

Supervised By :Jagrut Upadhyay 05/19/2022



#30

1,2,4-Trichlorobenzene

Concen: 44.900 ng

RT: 10.749 min Scan# 1253

Delta R.T. -0.013 min

Lab File: BG053615.D

Acq: 18 May 2022 22:42

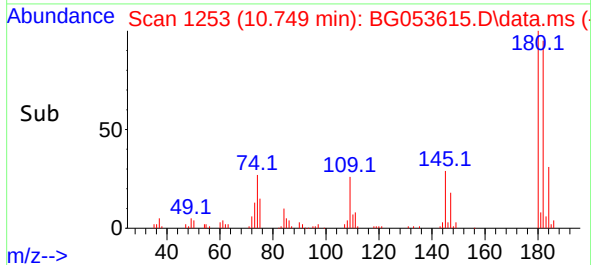
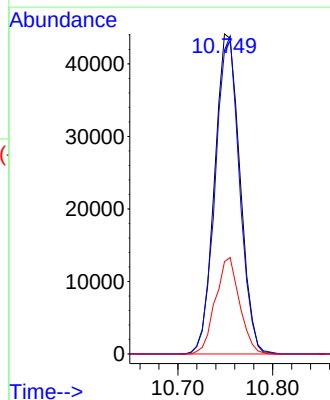
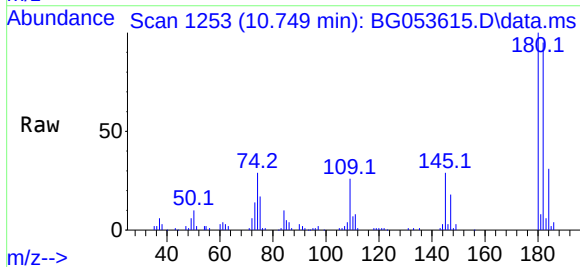
Tgt Ion:180 Resp: 81749

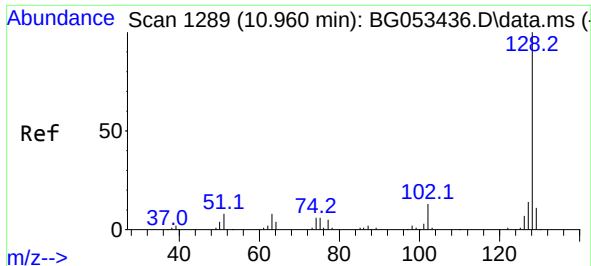
Ion Ratio Lower Upper

180 100

182 95.0 76.6 115.0

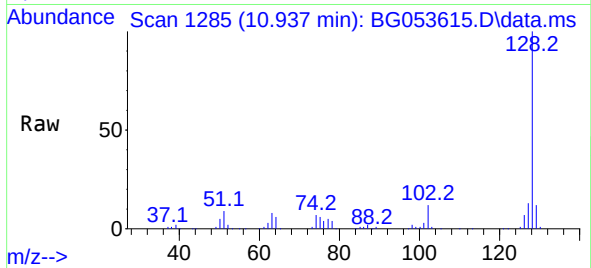
145 28.8 25.0 37.4





#31
Naphthalene
Concen: 45.099 ng
RT: 10.937 min Scan# 1165
Delta R.T. -0.013 min
Lab File: BG053615.D
Acq: 18 May 2022 22:42

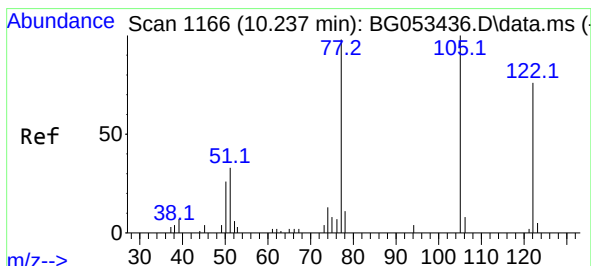
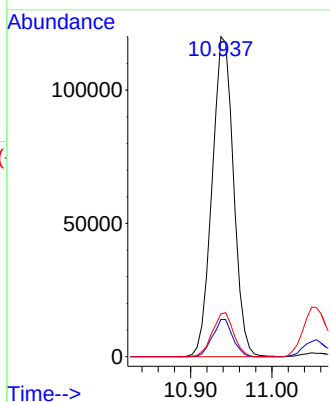
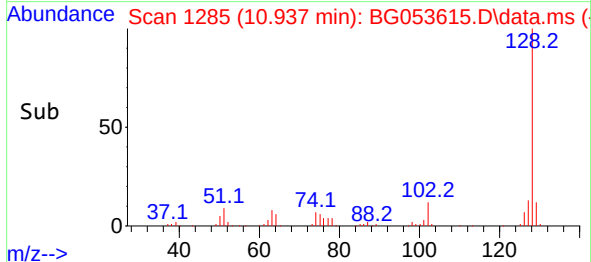
Instrument :
BNA_G
ClientSampleId :
GC-2MSD



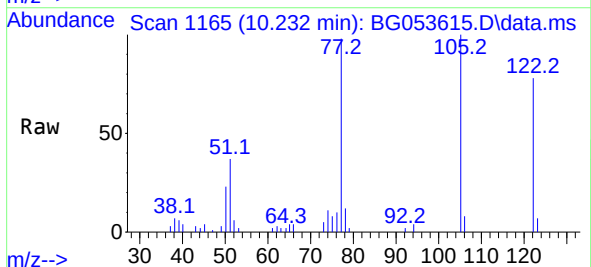
Tgt Ion:128 Resp: 21978
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.6
127 13.4 11.1 16.7

Manual Integrations
APPROVED

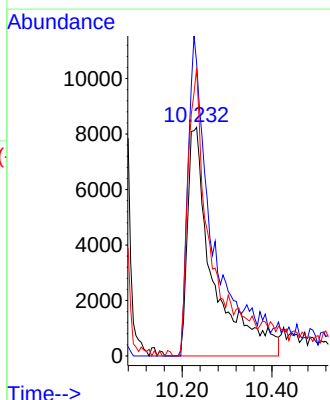
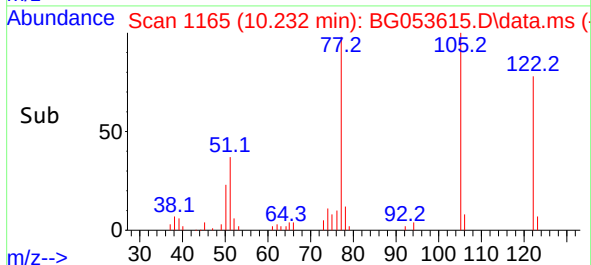
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

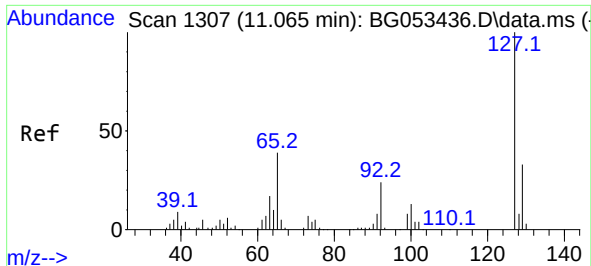


#32
Benzoic acid
Concen: 40.888 ng m
RT: 10.232 min Scan# 1165
Delta R.T. -0.007 min
Lab File: BG053615.D
Acq: 18 May 2022 22:42



Tgt Ion:122 Resp: 32668
Ion Ratio Lower Upper
122 100
105 128.3 111.8 151.8
77 125.8 109.4 149.4





#33
4-Chloroaniline
Concen: 21.109 ng
RT: 11.049 min Scan# 1104
Delta R.T. -0.007 min
Lab File: BG053615.D
Acq: 18 May 2022 22:42

Instrument :

BNA_G

ClientSampleId :

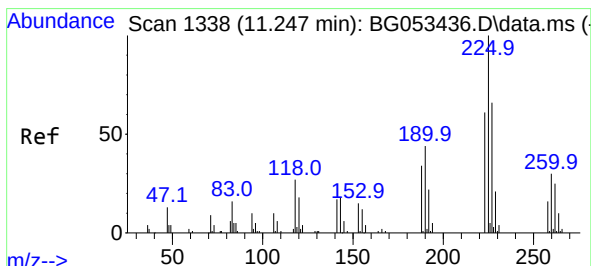
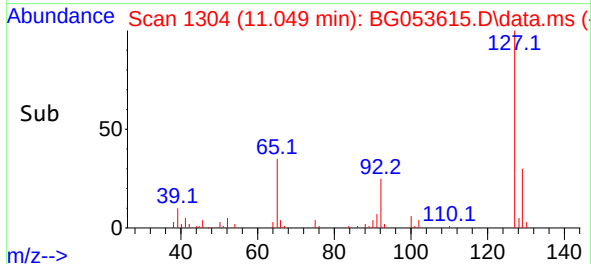
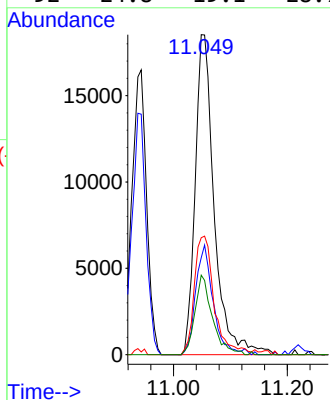
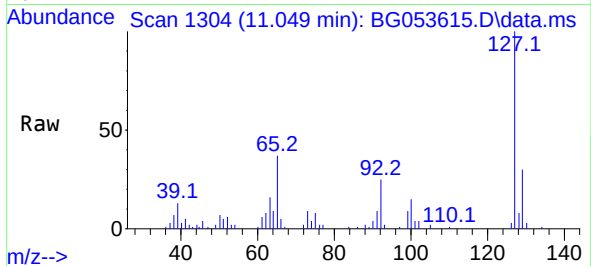
GC-2MSD

Tgt Ion:127 Resp: 43082
Ion Ratio Lower Upper
127 100
129 30.3 26.3 39.5
65 36.6 31.1 46.7
92 24.8 19.1 28.7

Manual Integrations

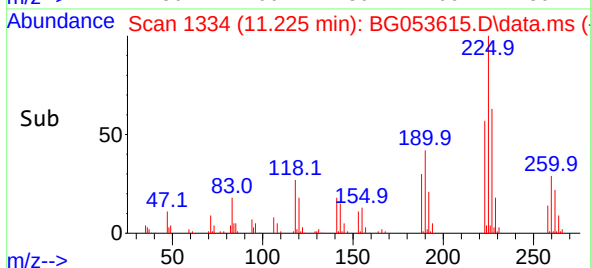
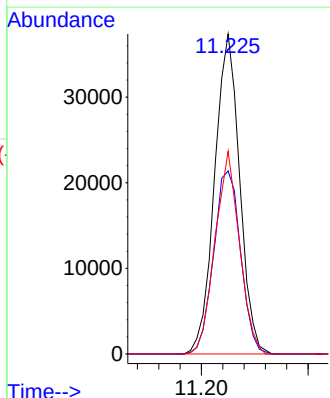
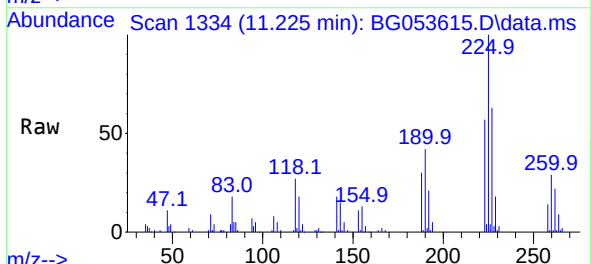
APPROVED

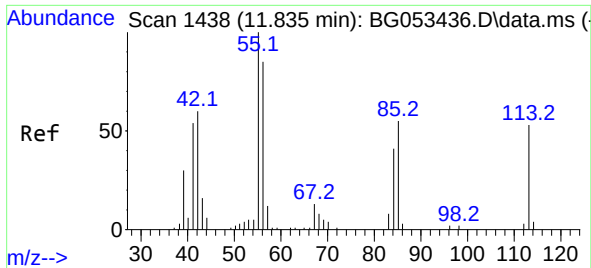
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#34
Hexachlorobutadiene
Concen: 45.089 ng
RT: 11.225 min Scan# 1334
Delta R.T. -0.013 min
Lab File: BG053615.D
Acq: 18 May 2022 22:42

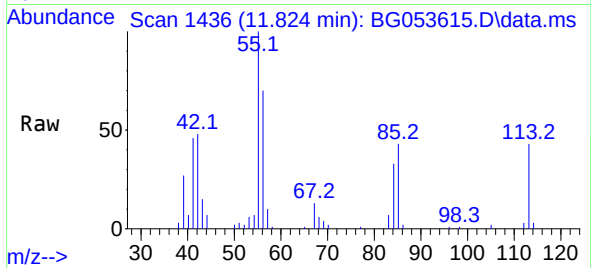
Tgt Ion:225 Resp: 60874
Ion Ratio Lower Upper
225 100
223 57.2 48.9 73.3
227 63.3 52.8 79.2





#35
Caprolactam
Concen: 50.550 ng m
RT: 11.824 min Scan# 1438
Delta R.T. -0.007 min
Lab File: BG053615.D
Acq: 18 May 2022 22:42

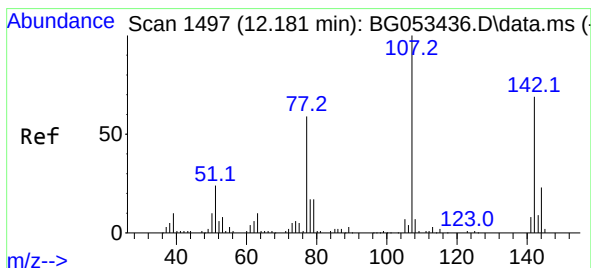
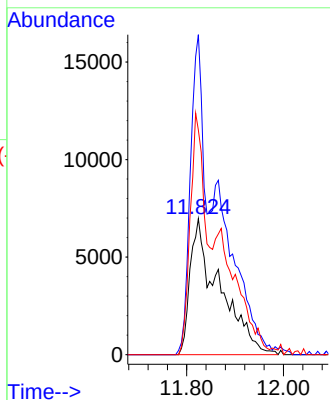
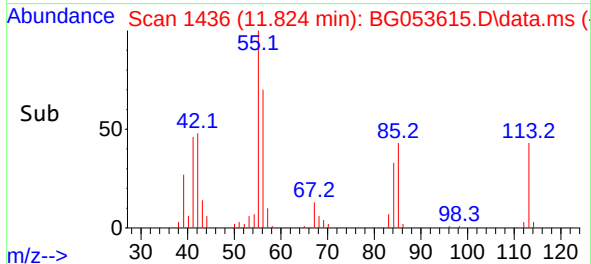
Instrument :
BNA_G
ClientSampleId :
GC-2MSD



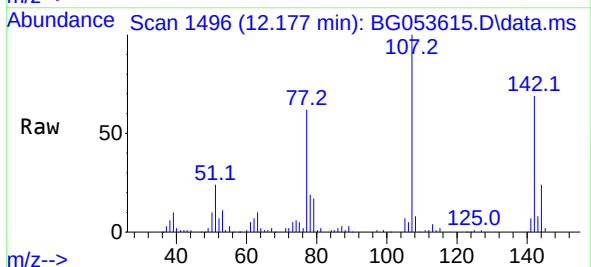
Tgt Ion:113 Resp: 2943
Ion Ratio Lower Upper
113 100
55 235.2 169.8 209.8
56 165.1 141.2 181.2

Manual Integrations
APPROVED

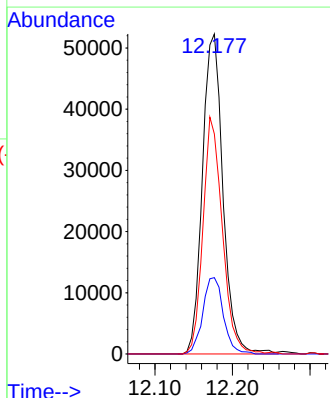
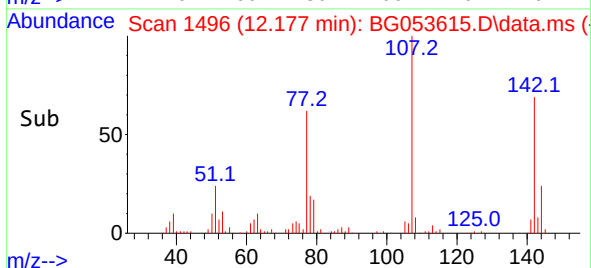
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

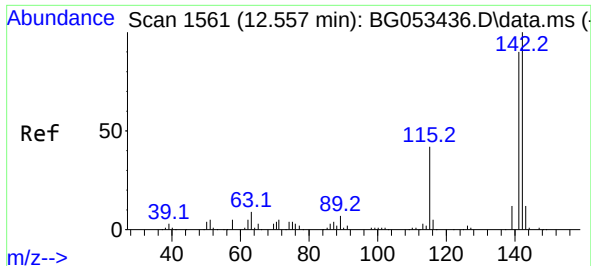


#36
4-Chloro-3-methylphenol
Concen: 50.178 ng
RT: 12.177 min Scan# 1496
Delta R.T. -0.001 min
Lab File: BG053615.D
Acq: 18 May 2022 22:42



Tgt Ion:107 Resp: 96183
Ion Ratio Lower Upper
107 100
144 23.9 18.5 27.7
142 68.7 55.0 82.4





#37

2-Methylnaphthalene

Concen: 45.254 ng

RT: 12.541 min Scan# 1

Delta R.T. -0.007 min

Lab File: BG053615.D

Acq: 18 May 2022 22:42

Instrument :

BNA_G

ClientSampleId :

GC-2MSD

Tgt Ion:142 Resp: 16458

Ion Ratio Lower Upper

142 100

141 88.3 72.3 108.5

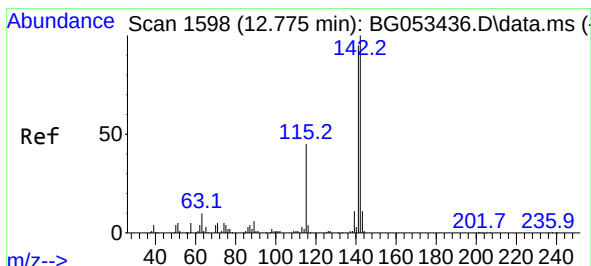
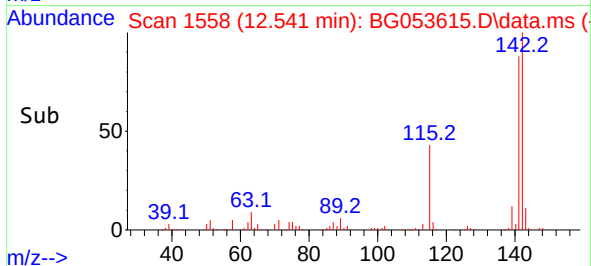
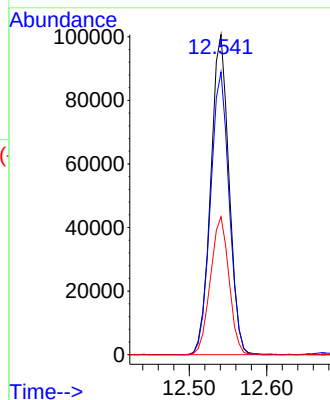
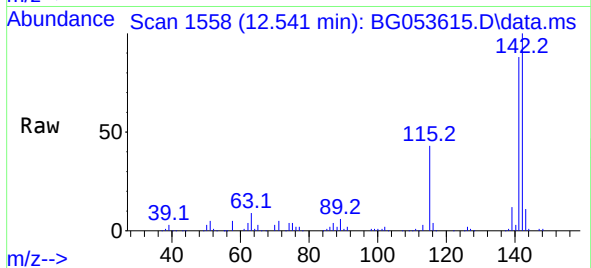
115 43.1 33.7 50.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/19/2022

Supervised By :Jagrut Upadhyay 05/19/2022



#38

1-Methylnaphthalene

Concen: 44.933 ng m

RT: 12.758 min Scan# 1595

Delta R.T. -0.007 min

Lab File: BG053615.D

Acq: 18 May 2022 22:42

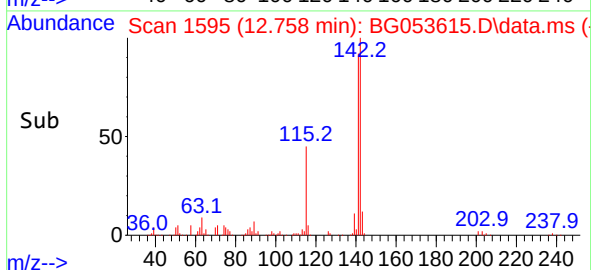
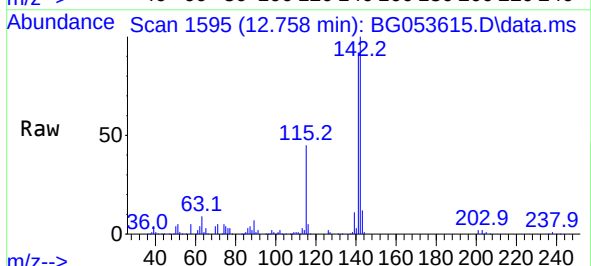
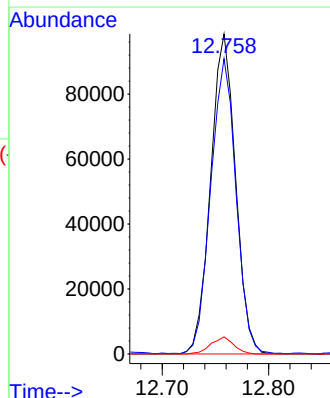
Tgt Ion:142 Resp: 159440

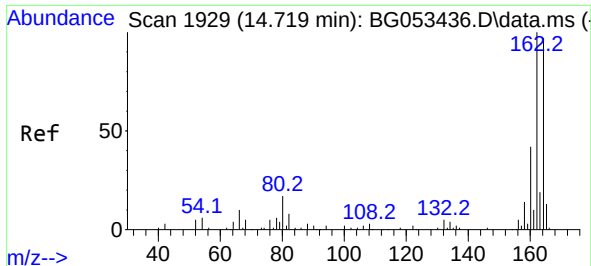
Ion Ratio Lower Upper

142 100

141 92.3 76.4 114.6

116 5.4 3.3 4.9#





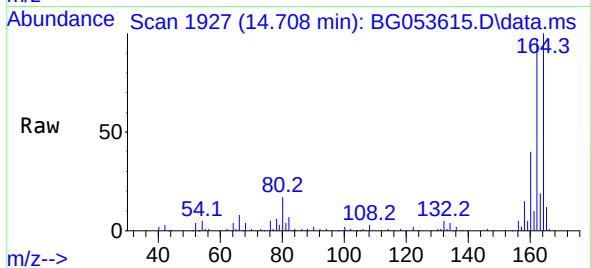
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.708 min Scan# 1929
Delta R.T. -0.007 min
Lab File: BG053615.D
Acq: 18 May 2022 22:42

Instrument :

BNA_G

ClientSampleId :

GC-2MSD

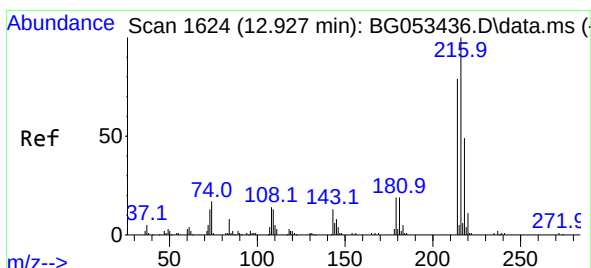
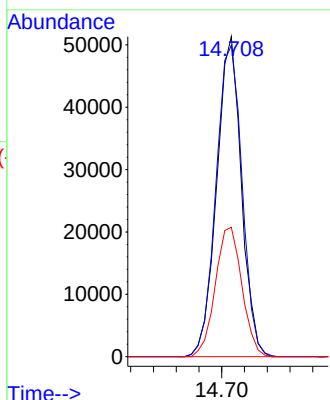
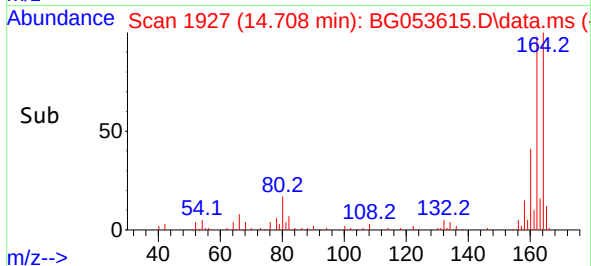


Tgt Ion:164 Resp: 77280
Ion Ratio Lower Upper
164 100
162 97.3 82.3 123.5
160 40.5 34.2 51.2

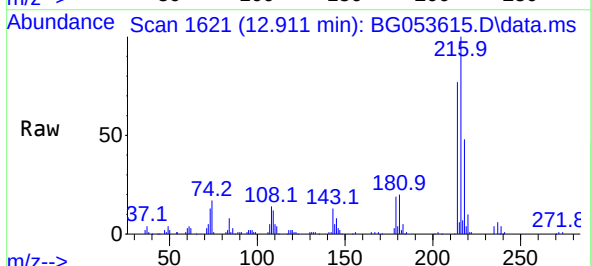
Manual Integrations

APPROVED

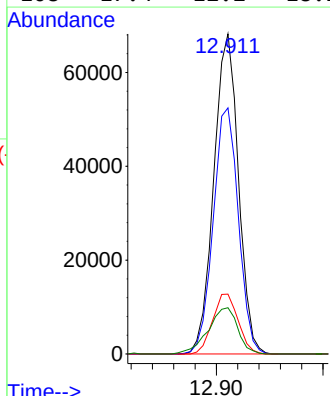
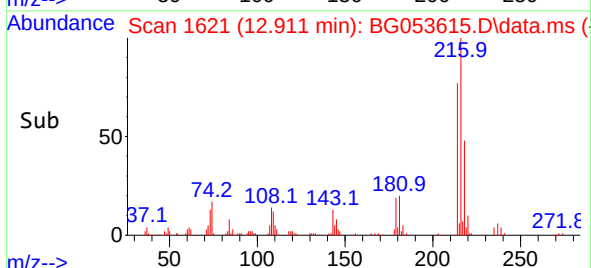
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

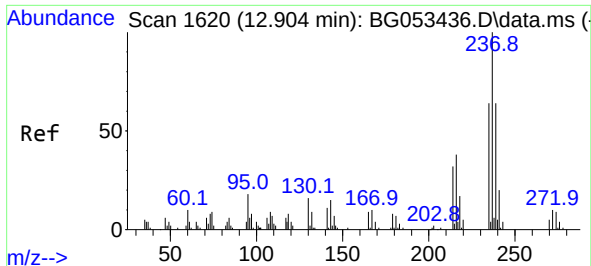


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.826 ng
RT: 12.911 min Scan# 1621
Delta R.T. -0.007 min
Lab File: BG053615.D
Acq: 18 May 2022 22:42



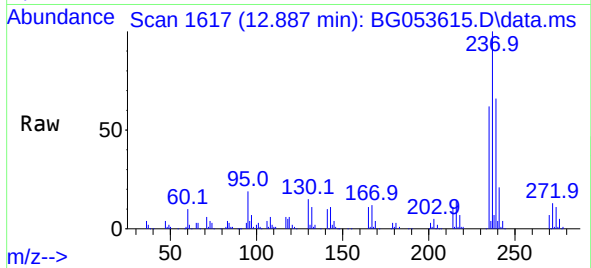
Tgt Ion:216 Resp: 109202
Ion Ratio Lower Upper
216 100
214 78.6 62.9 94.3
179 19.4 16.1 24.1
108 17.4 12.2 18.2





#41
Hexachlorocyclopentadiene
Concen: 94.254 ng
RT: 12.887 min Scan# 1617
Delta R.T. -0.013 min
Lab File: BG053615.D
Acq: 18 May 2022 22:42

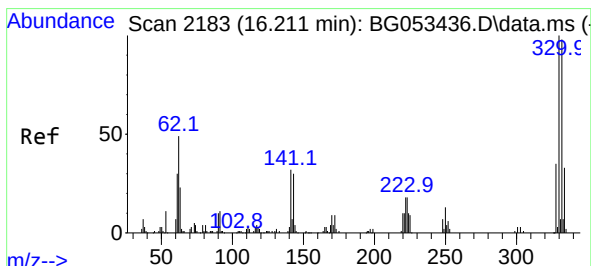
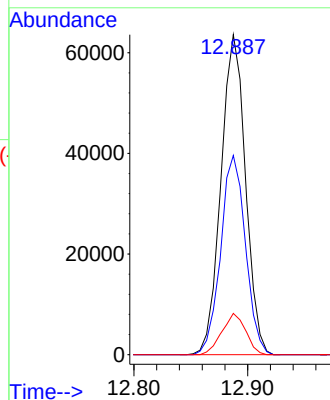
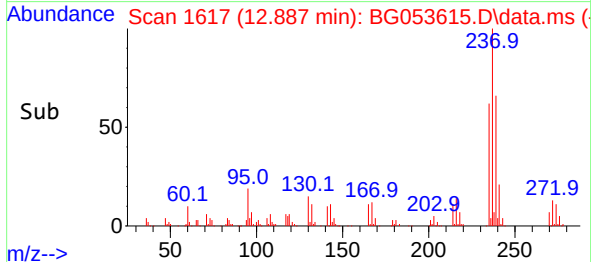
Instrument :
BNA_G
ClientSampleId :
GC-2MSD



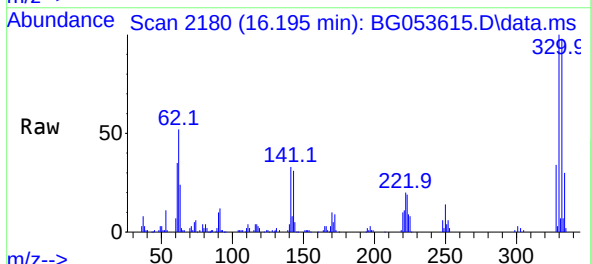
Tgt Ion:237 Resp: 95285
Ion Ratio Lower Upper
237 100
235 62.2 43.5 83.5
272 12.9 0.0 30.1

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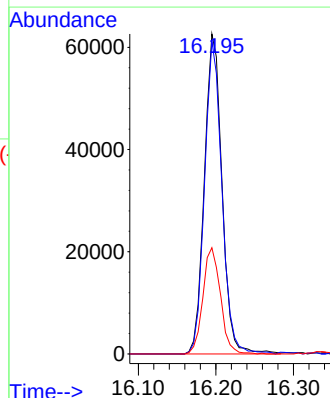
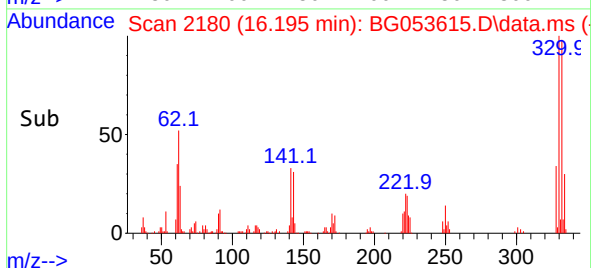
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

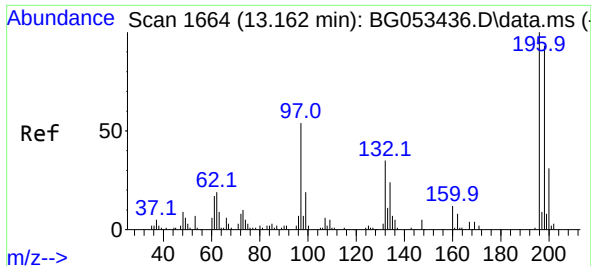


#42
2,4,6-Tribromophenol
Concen: 86.757 ng
RT: 16.195 min Scan# 2180
Delta R.T. -0.007 min
Lab File: BG053615.D
Acq: 18 May 2022 22:42



Tgt Ion:330 Resp: 98892
Ion Ratio Lower Upper
330 100
332 96.0 76.0 114.0
141 33.0 27.1 40.7





#43
2,4,6-Trichlorophenol
Concen: 48.052 ng
RT: 13.146 min Scan# 1661
Delta R.T. -0.007 min
Lab File: BG053615.D
Acq: 18 May 2022 22:42

Instrument :

BNA_G

ClientSampleId :

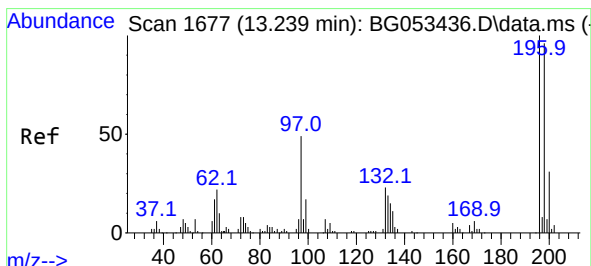
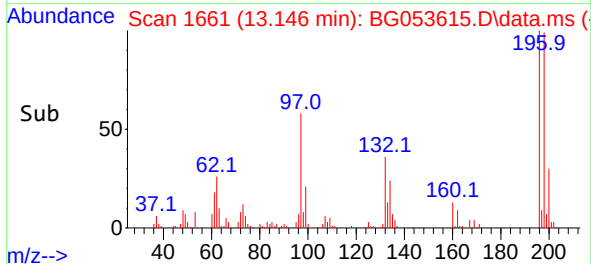
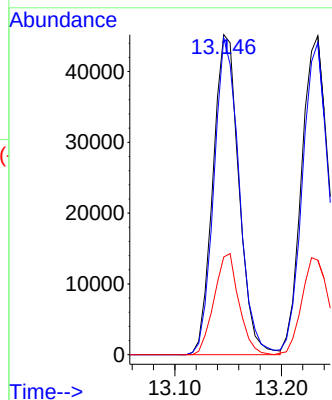
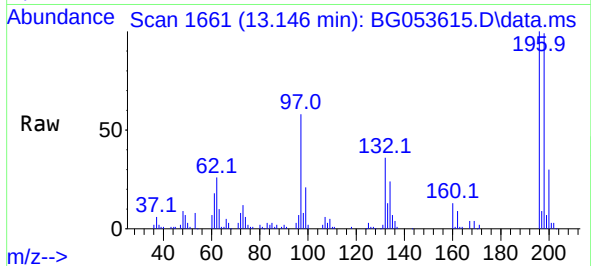
GC-2MSD

Tgt Ion:196 Resp: 7641
Ion Ratio Lower Upper
196 100
198 99.0 74.1 111.1
200 30.5 24.7 37.1

Manual Integrations

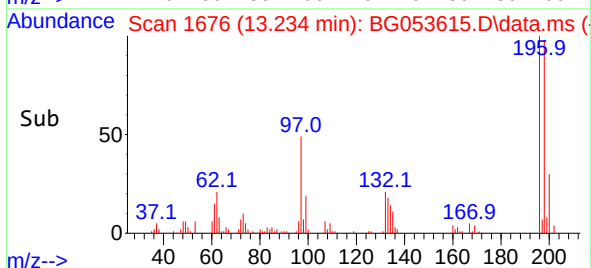
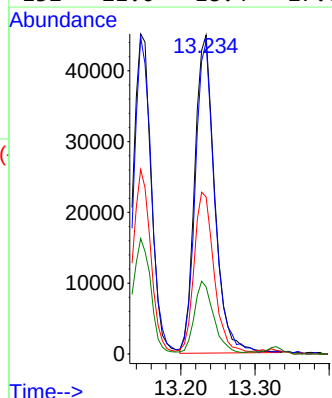
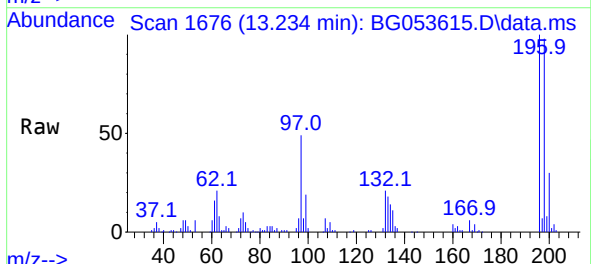
APPROVED

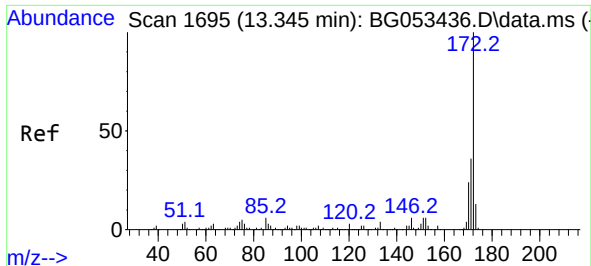
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#44
2,4,5-Trichlorophenol
Concen: 49.798 ng
RT: 13.234 min Scan# 1676
Delta R.T. -0.001 min
Lab File: BG053615.D
Acq: 18 May 2022 22:42

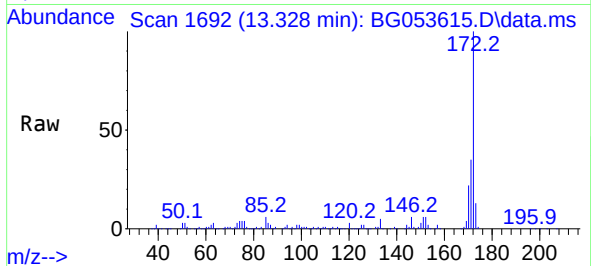
Tgt Ion:196 Resp: 84281
Ion Ratio Lower Upper
196 100
198 97.9 76.8 115.2
97 49.2 39.8 59.6
132 21.0 18.4 27.6





#45
2-Fluorobiphenyl
Concen: 50.947 ng
RT: 13.328 min Scan# 1728
Delta R.T. -0.007 min
Lab File: BG053615.D
Acq: 18 May 2022 22:42

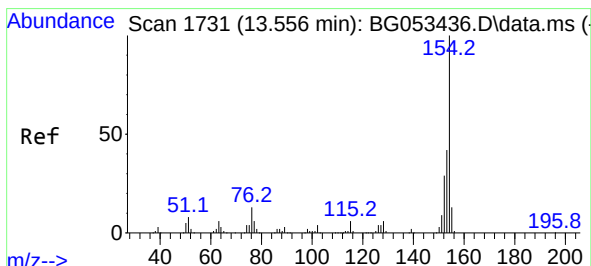
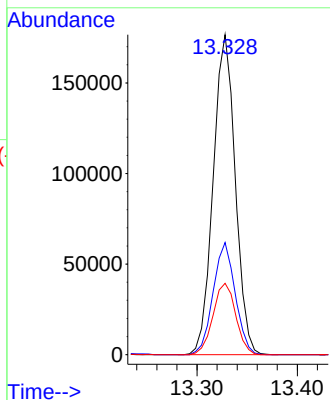
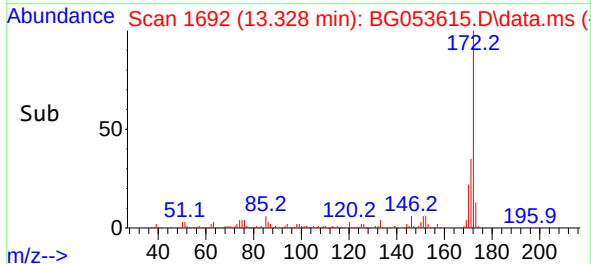
Instrument :
BNA_G
ClientSampleId :
GC-2MSD



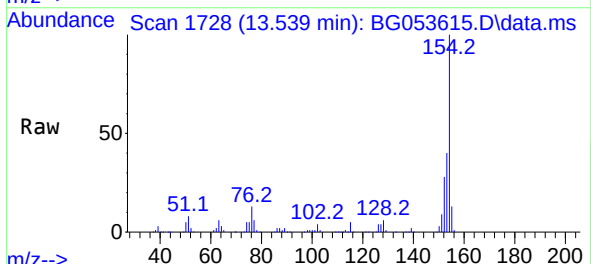
Tgt Ion:172 Resp: 26945
Ion Ratio Lower Upper
172 100
171 35.0 28.5 42.7
170 22.3 18.9 28.3

Manual Integrations
APPROVED

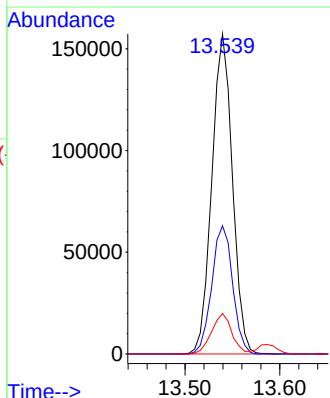
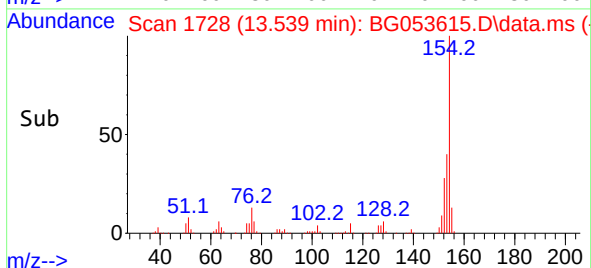
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

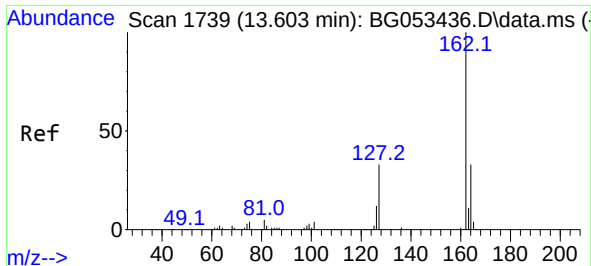


#46
1,1'-Biphenyl
Concen: 44.918 ng
RT: 13.539 min Scan# 1728
Delta R.T. -0.007 min
Lab File: BG053615.D
Acq: 18 May 2022 22:42



Tgt Ion:154 Resp: 236634
Ion Ratio Lower Upper
154 100
153 40.1 21.6 61.6
76 12.6 0.0 32.6





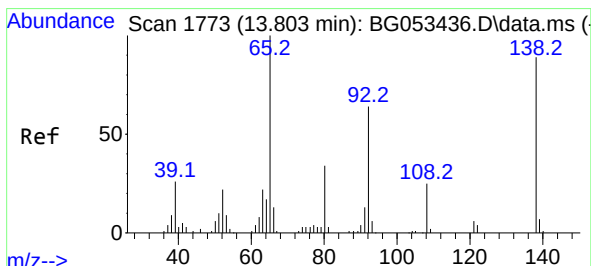
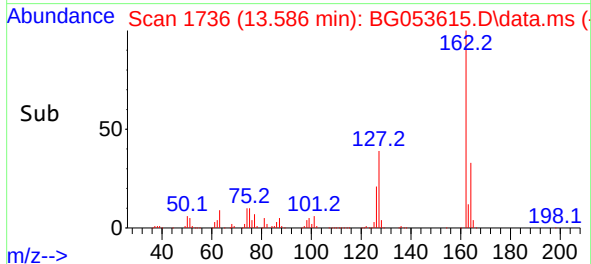
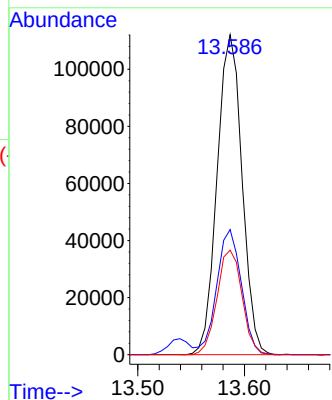
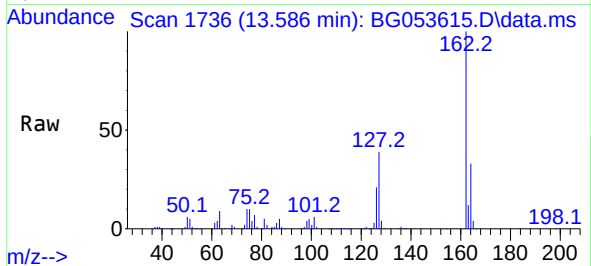
#47
2-Chloronaphthalene
Concen: 44.098 ng
RT: 13.586 min Scan# 1736
Delta R.T. -0.007 min
Lab File: BG053615.D
Acq: 18 May 2022 22:42

Instrument :
BNA_G
ClientSampleId :
GC-2MSD

Tgt Ion:162 Resp: 18201
Ion Ratio Lower Upper
162 100
127 39.1 30.6 45.8
164 32.6 26.5 39.7

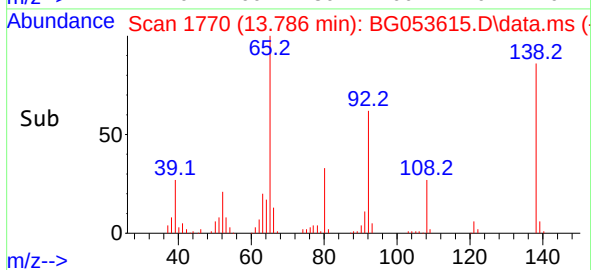
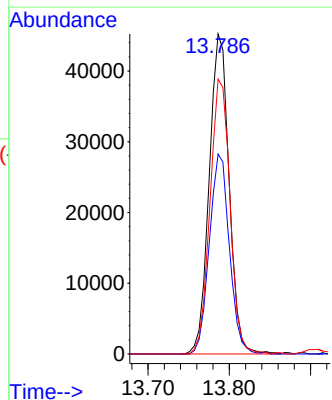
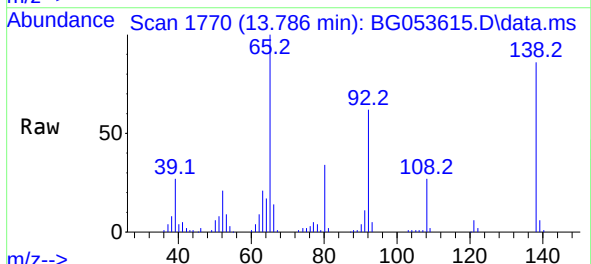
Manual Integrations
APPROVED

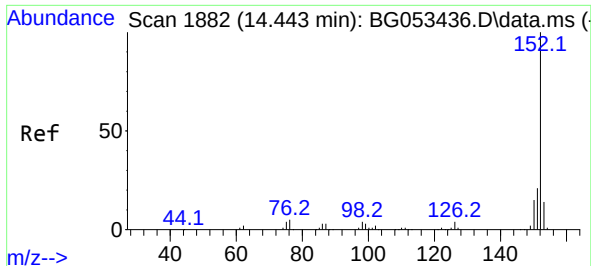
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#48
2-Nitroaniline
Concen: 49.874 ng
RT: 13.786 min Scan# 1770
Delta R.T. -0.007 min
Lab File: BG053615.D
Acq: 18 May 2022 22:42

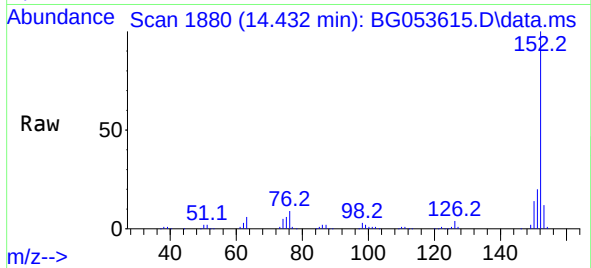
Tgt Ion: 65 Resp: 76704
Ion Ratio Lower Upper
65 100
92 62.4 51.5 77.3
138 85.9 71.3 106.9





#49
Acenaphthylene
Concen: 48.717 ng
RT: 14.432 min Scan# 1882
Delta R.T. -0.007 min
Lab File: BG053615.D
Acq: 18 May 2022 22:42

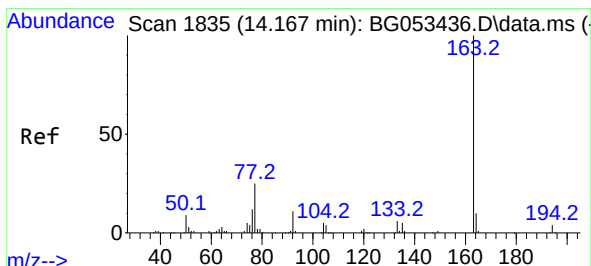
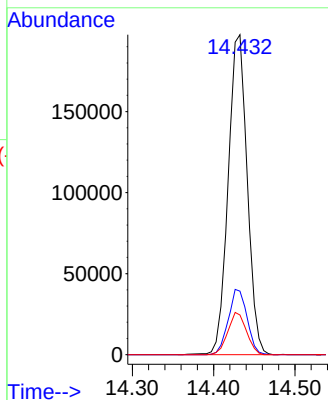
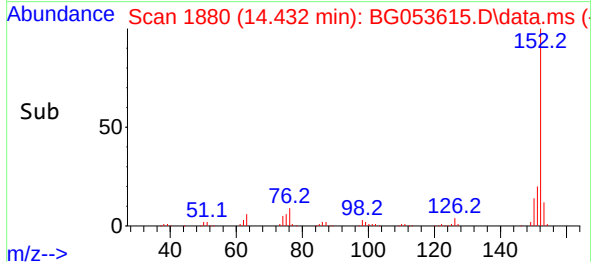
Instrument :
BNA_G
ClientSampleId :
GC-2MSD



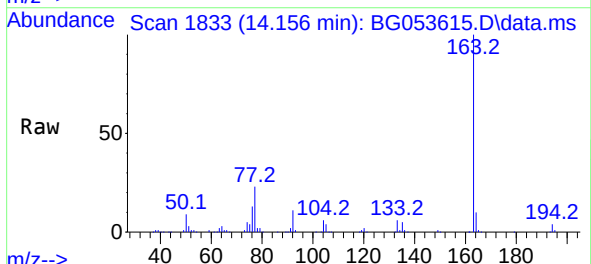
Tgt Ion:152 Resp: 320860
Ion Ratio Lower Upper
152 100
151 19.8 16.4 24.6
153 12.4 10.8 16.2

Manual Integrations
APPROVED

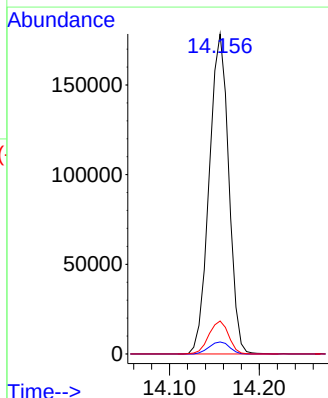
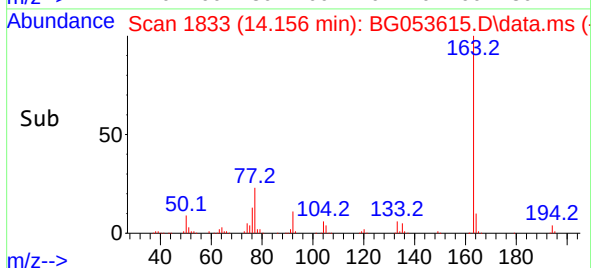
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

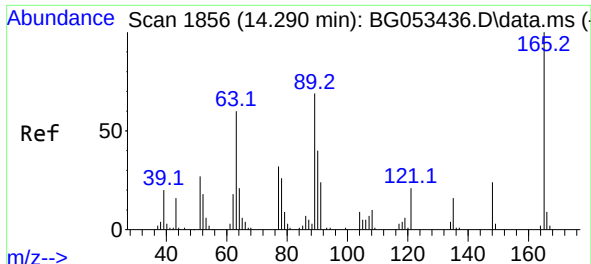


#50
Dimethylphthalate
Concen: 45.761 ng
RT: 14.156 min Scan# 1833
Delta R.T. -0.007 min
Lab File: BG053615.D
Acq: 18 May 2022 22:42



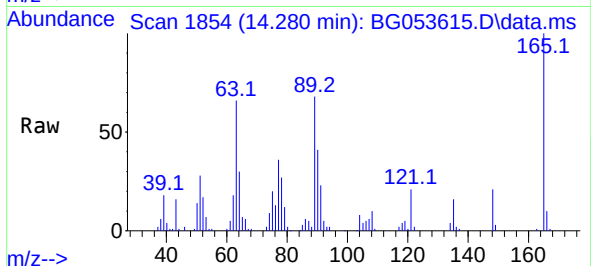
Tgt Ion:163 Resp: 268755
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 10.3 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 49.498 ng
RT: 14.280 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG053615.D
Acq: 18 May 2022 22:42

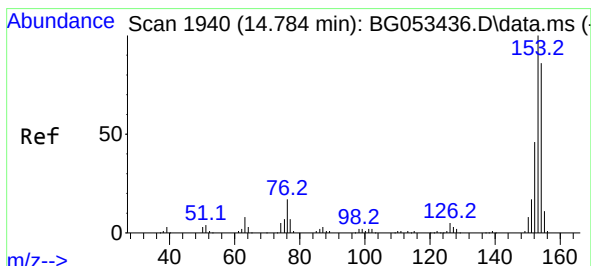
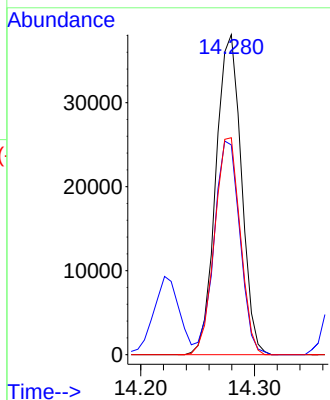
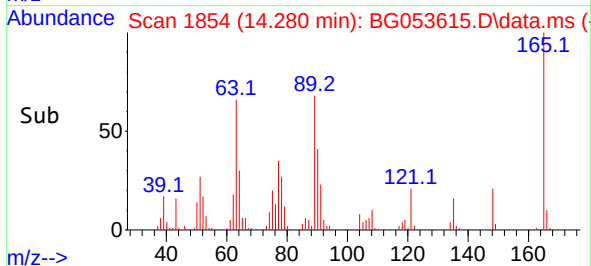
Instrument :
BNA_G
ClientSampleId :
GC-2MSD



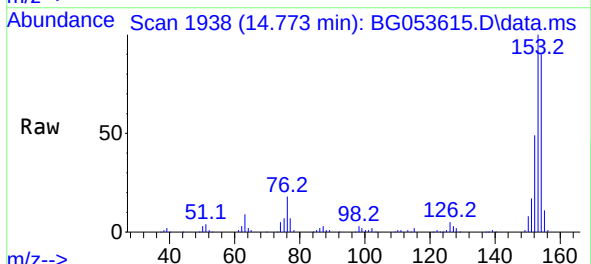
Tgt Ion:165 Resp: 5922
Ion Ratio Lower Upper
165 100
63 65.5 54.1 81.1
89 67.8 54.8 82.2

Manual Integrations
APPROVED

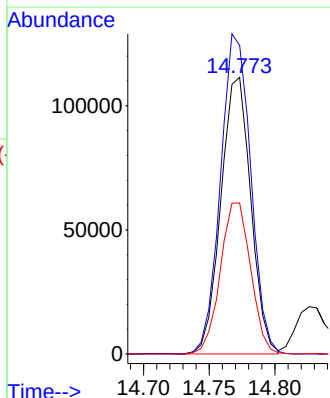
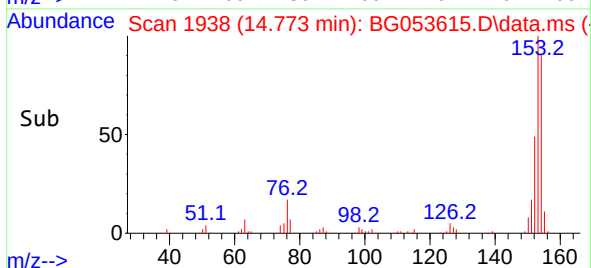
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

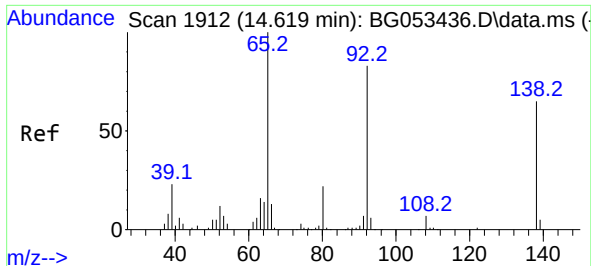


#52
Acenaphthene
Concen: 45.055 ng
RT: 14.773 min Scan# 1938
Delta R.T. -0.007 min
Lab File: BG053615.D
Acq: 18 May 2022 22:42



Tgt Ion:154 Resp: 176844
Ion Ratio Lower Upper
154 100
153 111.6 92.7 139.1
152 54.6 42.6 64.0





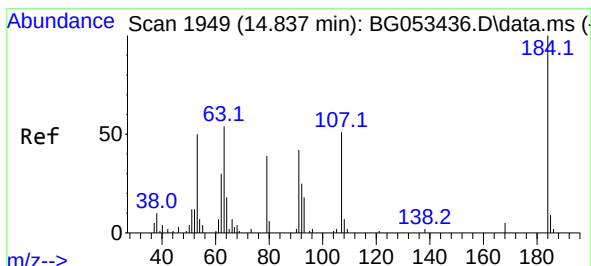
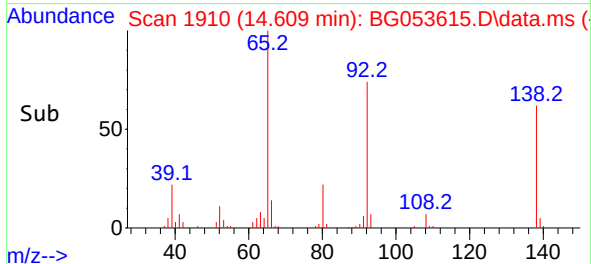
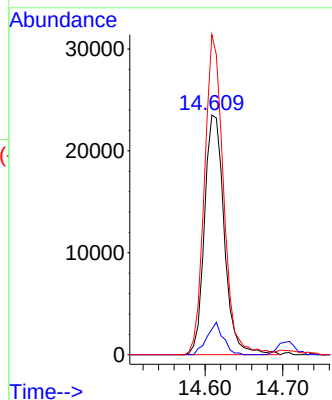
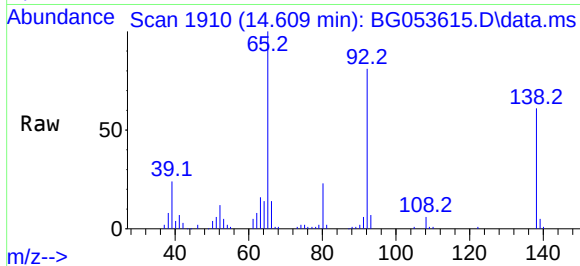
#53
3-Nitroaniline
Concen: 32.205 ng
RT: 14.609 min Scan# 1912
Delta R.T. -0.007 min
Lab File: BG053615.D
Acq: 18 May 2022 22:42

Instrument :
BNA_G
ClientSampleId :
GC-2MSD

Tgt Ion:138 Resp: 4163
Ion Ratio Lower Upper
138 100
108 10.6 9.2 13.8
92 133.5 101.9 152.9

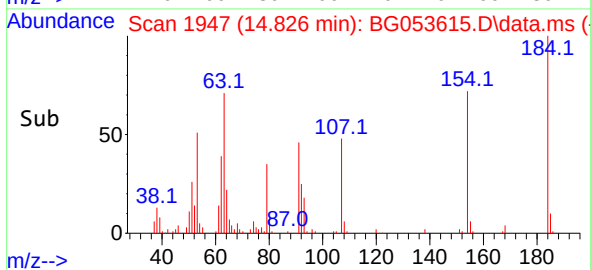
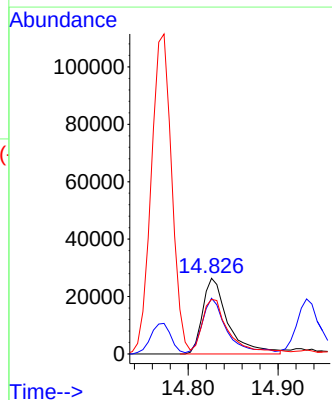
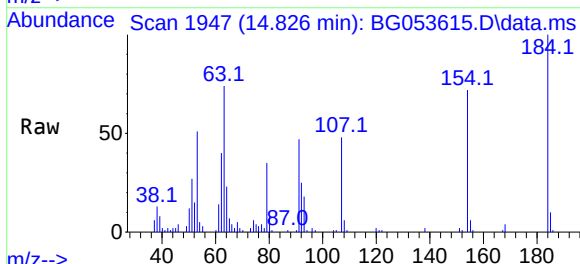
Manual Integrations
APPROVED

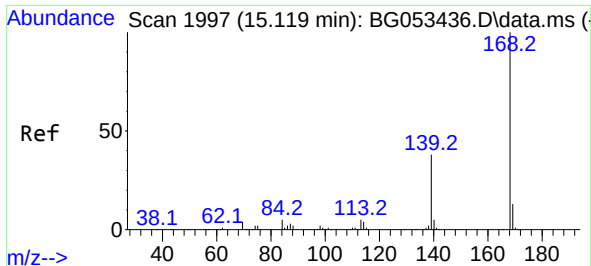
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#54
2,4-Dinitrophenol
Concen: 69.256 ng
RT: 14.826 min Scan# 1947
Delta R.T. -0.007 min
Lab File: BG053615.D
Acq: 18 May 2022 22:42

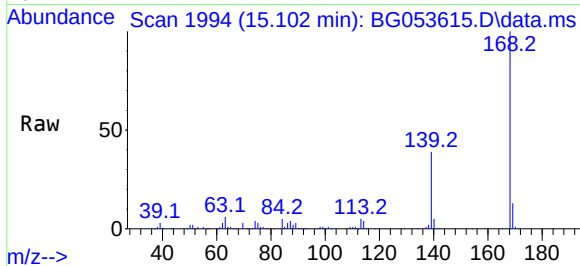
Tgt Ion:184 Resp: 51910
Ion Ratio Lower Upper
184 100
63 73.6 61.1 91.7
154 72.1 60.6 91.0





#55
Dibenzofuran
Concen: 44.697 ng
RT: 15.102 min Scan# 1994
Delta R.T. -0.007 min
Lab File: BG053615.D
Acq: 18 May 2022 22:42

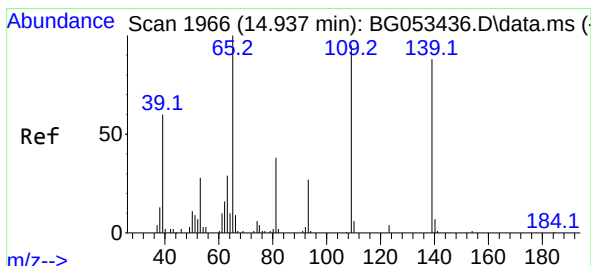
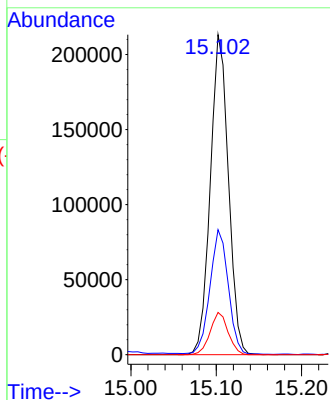
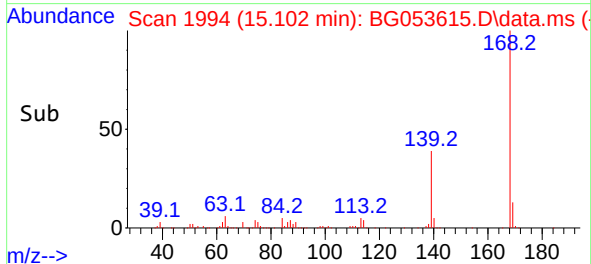
Instrument :
BNA_G
ClientSampleId :
GC-2MSD



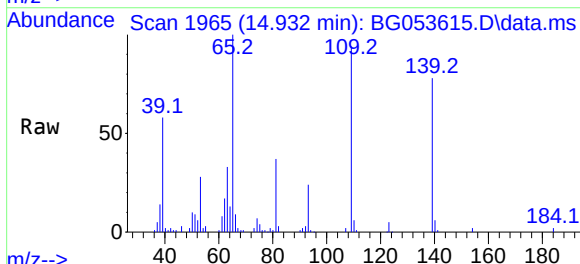
Tgt Ion:168 Resp: 315124
Ion Ratio Lower Upper
168 100
139 39.0 30.5 45.7
169 13.2 10.3 15.5

Manual Integrations
APPROVED

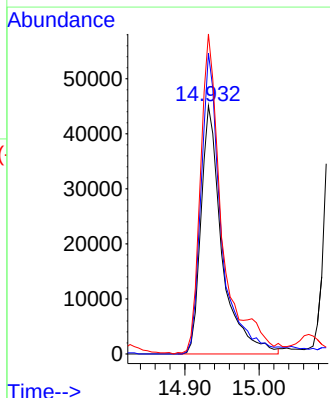
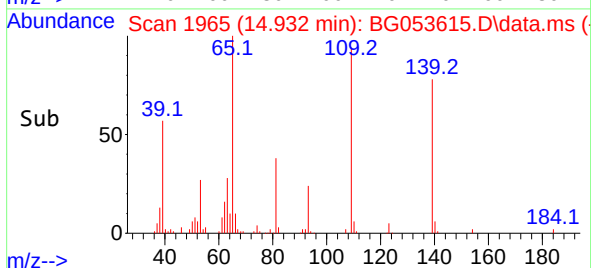
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

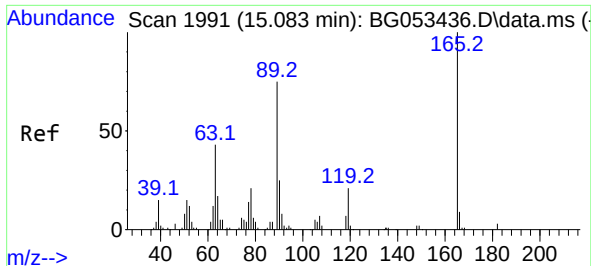


#56
4-Nitrophenol
Concen: 95.814 ng
RT: 14.932 min Scan# 1965
Delta R.T. -0.001 min
Lab File: BG053615.D
Acq: 18 May 2022 22:42



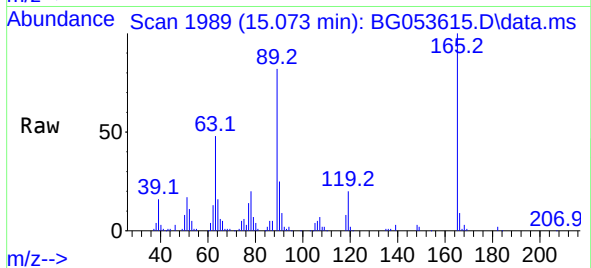
Tgt Ion:139 Resp: 88475
Ion Ratio Lower Upper
139 100
109 121.2 88.5 128.5
65 128.9 93.9 133.9





#57
2,4-Dinitrotoluene
Concen: 49.272 ng
RT: 15.073 min Scan# 1991
Delta R.T. -0.001 min
Lab File: BG053615.D
Acq: 18 May 2022 22:42

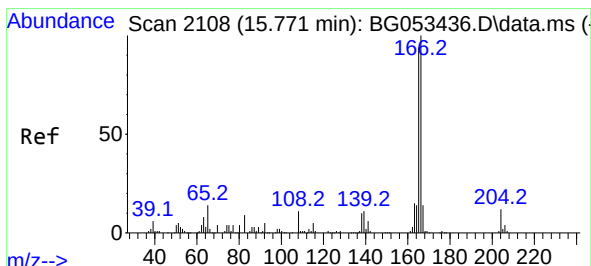
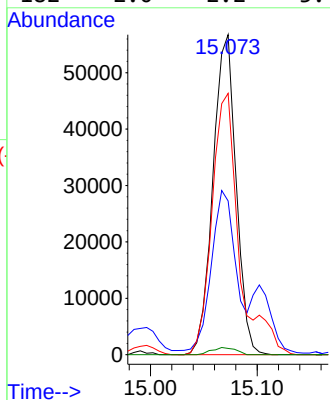
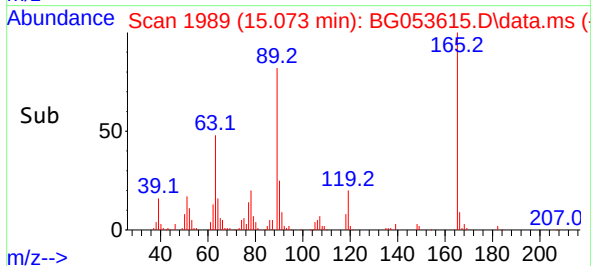
Instrument :
BNA_G
ClientSampleId :
GC-2MSD



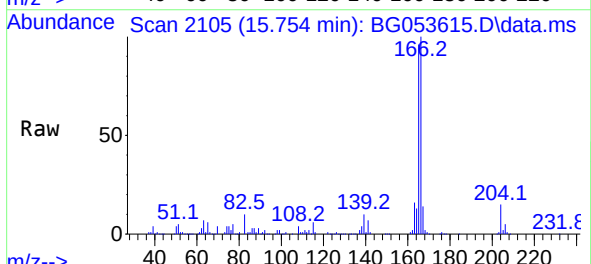
Tgt Ion:165 Resp: 85450
Ion Ratio Lower Upper
165 100
63 48.0 34.6 52.0
89 81.7 60.3 90.5
182 2.0 2.2 3.4#

Manual Integrations
APPROVED

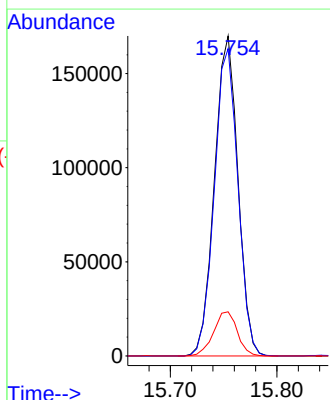
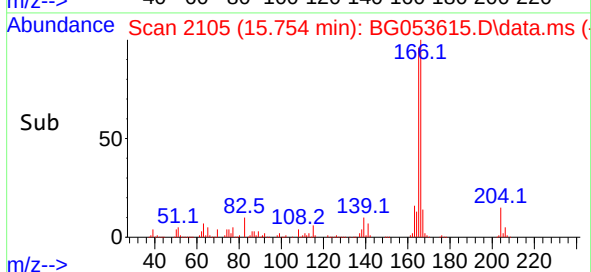
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

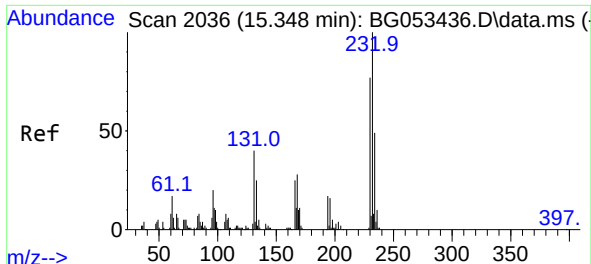


#58
Fluorene
Concen: 45.832 ng
RT: 15.754 min Scan# 2105
Delta R.T. -0.007 min
Lab File: BG053615.D
Acq: 18 May 2022 22:42



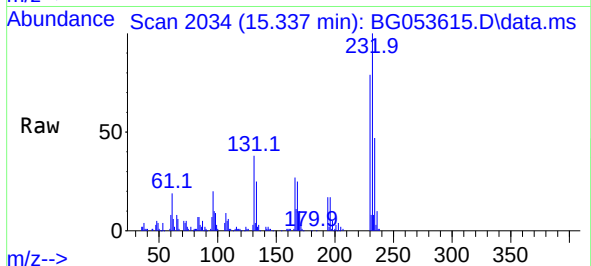
Tgt Ion:166 Resp: 259306
Ion Ratio Lower Upper
166 100
165 96.0 75.0 112.6
167 13.8 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.959 ng
RT: 15.337 min Scan# 2034
Delta R.T. -0.007 min
Lab File: BG053615.D
Acq: 18 May 2022 22:42

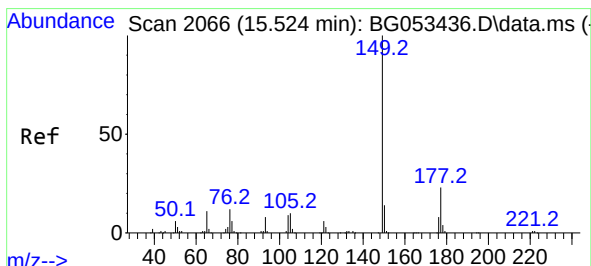
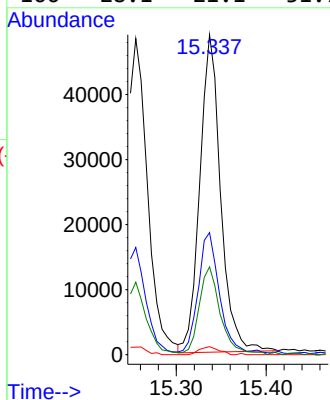
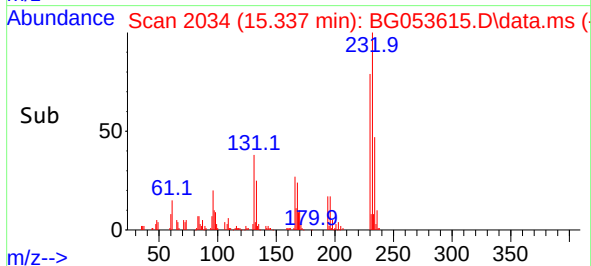
Instrument :
BNA_G
ClientSampleId :
GC-2MSD



Tgt Ion:232 Resp: 78919
Ion Ratio Lower Upper
232 100
131 38.8 30.6 46.0
130 2.3 1.8 2.8
166 28.1 21.1 31.7

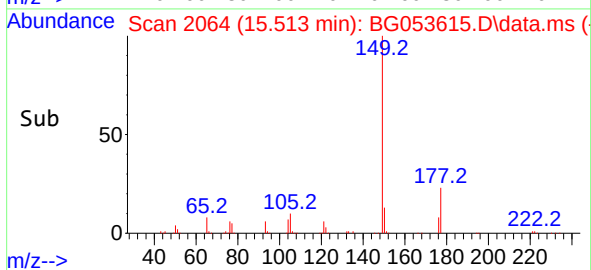
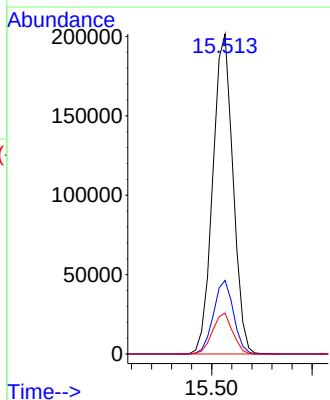
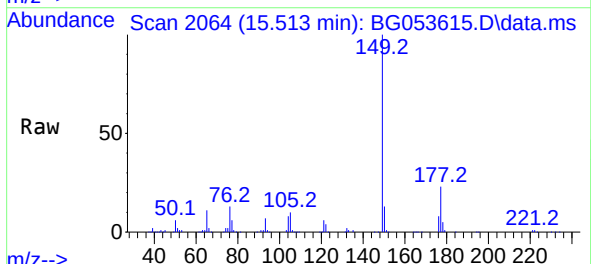
Manual Integrations
APPROVED

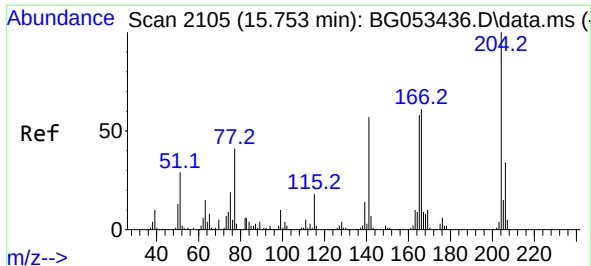
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#60
Diethylphthalate
Concen: 46.383 ng
RT: 15.513 min Scan# 2064
Delta R.T. -0.007 min
Lab File: BG053615.D
Acq: 18 May 2022 22:42

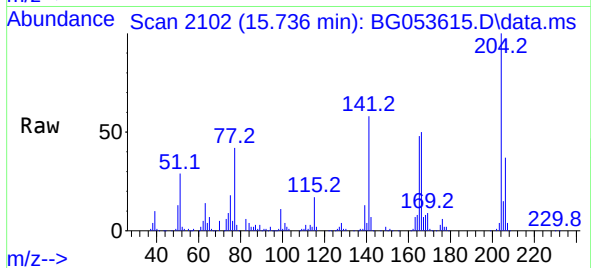
Tgt Ion:149 Resp: 281391
Ion Ratio Lower Upper
149 100
177 23.0 18.4 27.6
150 12.8 11.2 16.8





#61
4-Chlorophenyl-phenylether
Concen: 45.747 ng
RT: 15.736 min Scan# 2105
Delta R.T. -0.007 min
Lab File: BG053615.D
Acq: 18 May 2022 22:42

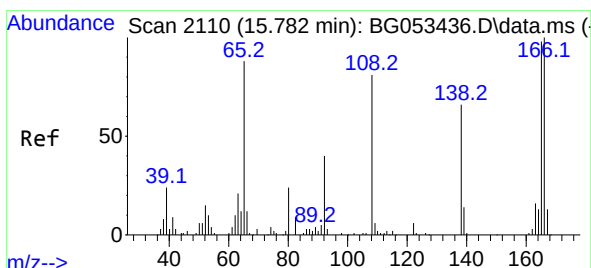
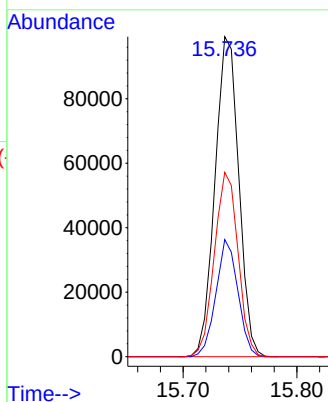
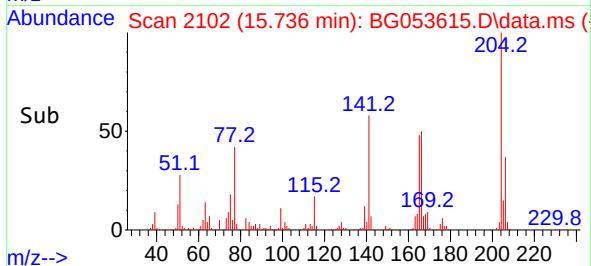
Instrument :
BNA_G
ClientSampleId :
GC-2MSD



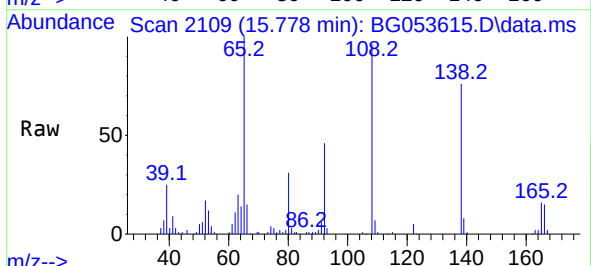
Tgt Ion:204 Resp: 14442
Ion Ratio Lower Upper
204 100
206 36.6 27.5 41.3
141 57.6 45.3 67.9

Manual Integrations
APPROVED

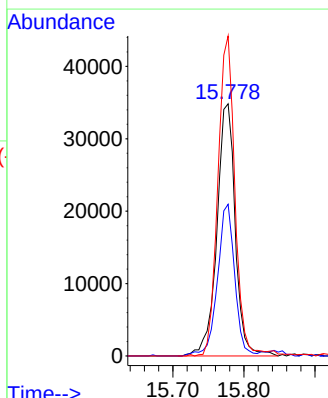
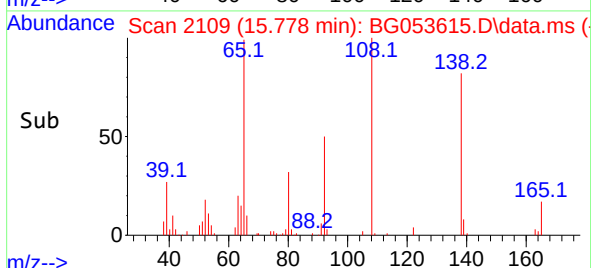
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

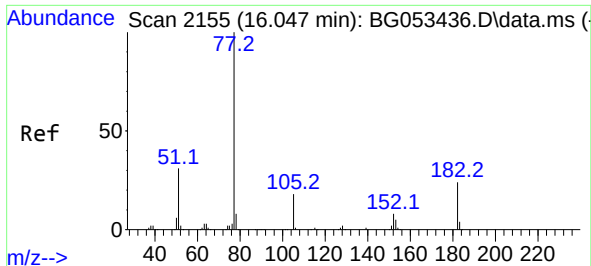


#62
4-Nitroaniline
Concen: 46.599 ng
RT: 15.778 min Scan# 2109
Delta R.T. -0.001 min
Lab File: BG053615.D
Acq: 18 May 2022 22:42



Tgt Ion:138 Resp: 62486
Ion Ratio Lower Upper
138 100
92 60.2 40.5 80.5
108 126.9 103.7 143.7





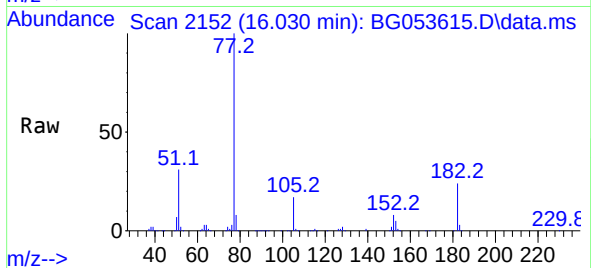
#63
Azobenzene
Concen: 45.851 ng
RT: 16.030 min Scan# 2155
Delta R.T. -0.007 min
Lab File: BG053615.D
Acq: 18 May 2022 22:42

Instrument :

BNA_G

ClientSampleId :

GC-2MSD

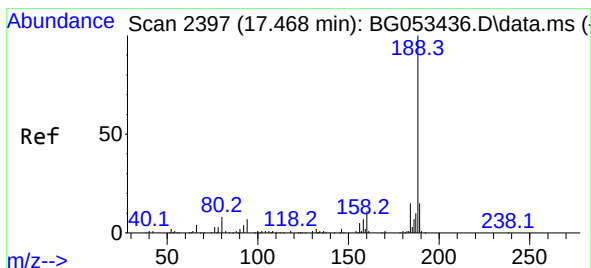
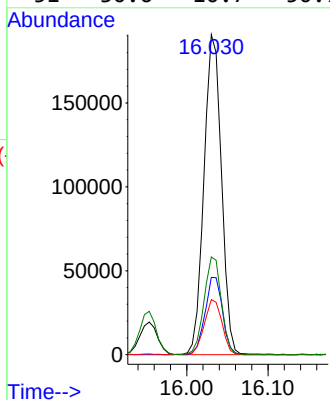
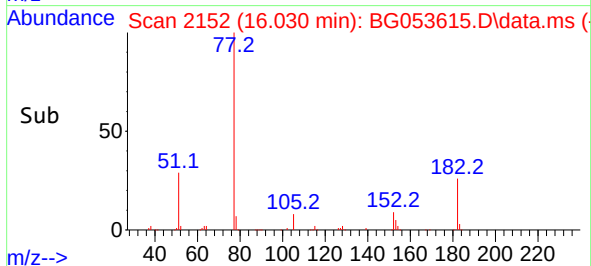


Tgt Ion: 77 Resp: 284830
Ion Ratio Lower Upper
77 100
182 24.2 3.8 43.8
105 17.2 0.0 37.8
51 30.6 10.7 50.7

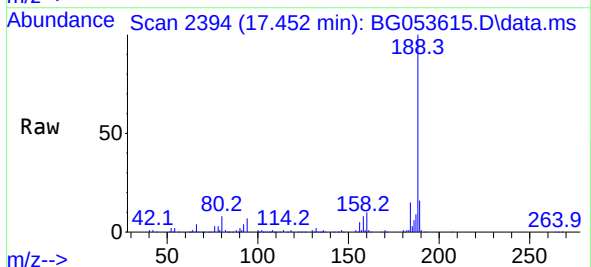
Manual Integrations

APPROVED

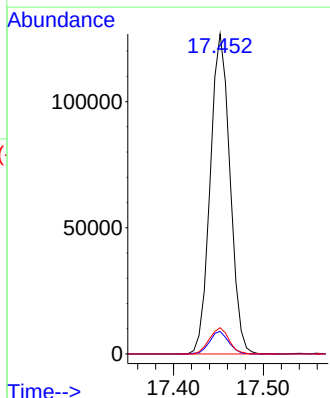
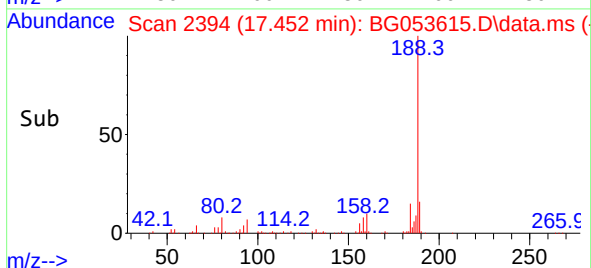
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

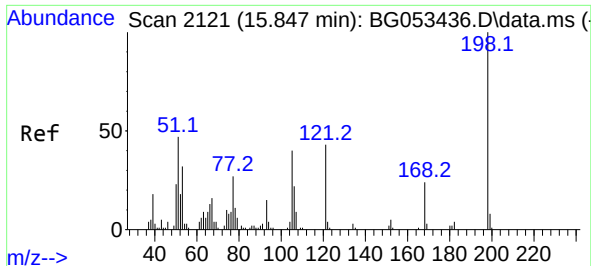


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.452 min Scan# 2394
Delta R.T. -0.007 min
Lab File: BG053615.D
Acq: 18 May 2022 22:42



Tgt Ion:188 Resp: 193620
Ion Ratio Lower Upper
188 100
94 7.1 5.4 8.0
80 8.2 6.8 10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 42.357 ng
RT: 15.836 min Scan# 2119
Delta R.T. -0.007 min
Lab File: BG053615.D
Acq: 18 May 2022 22:42

Instrument :

BNA_G

ClientSampleId :

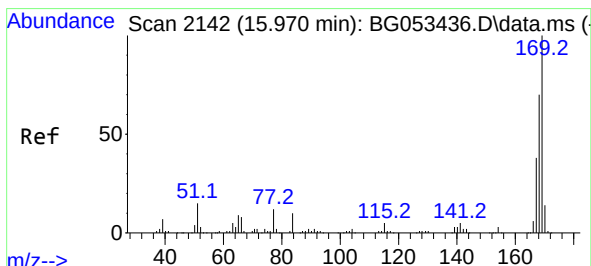
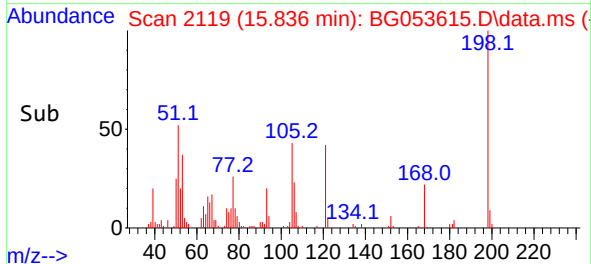
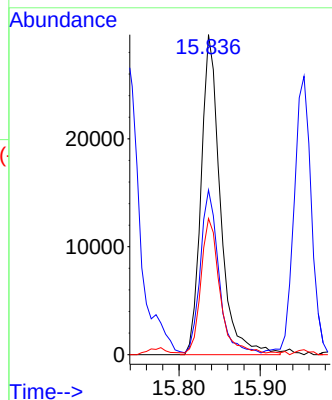
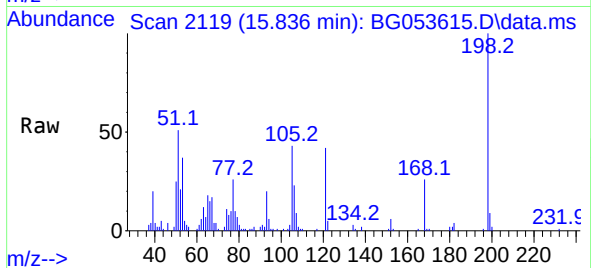
GC-2MSD

Tgt Ion:198 Resp: 4886
Ion Ratio Lower Upper
198 100
51 51.4 28.1 68.1
105 42.6 20.3 60.3

Manual Integrations

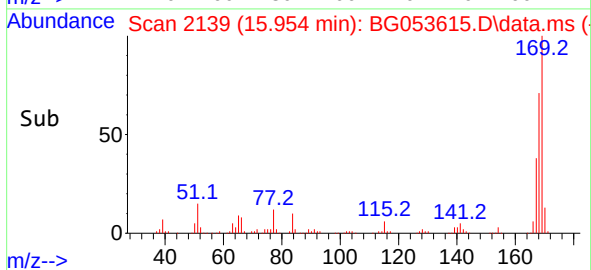
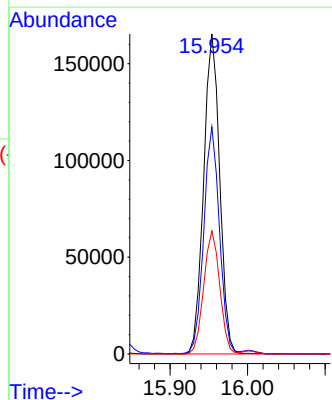
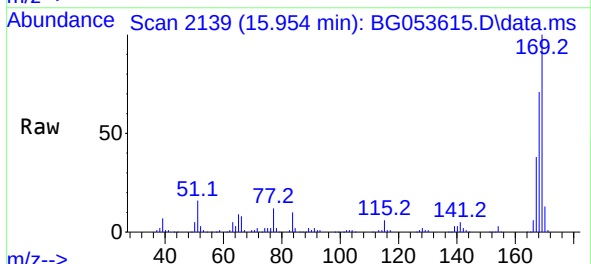
APPROVED

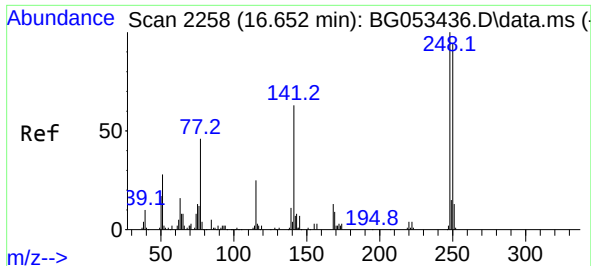
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#66
n-Nitrosodiphenylamine
Concen: 46.724 ng
RT: 15.954 min Scan# 2139
Delta R.T. -0.007 min
Lab File: BG053615.D
Acq: 18 May 2022 22:42

Tgt Ion:169 Resp: 237522
Ion Ratio Lower Upper
169 100
168 71.0 55.9 83.9
167 38.5 30.6 46.0





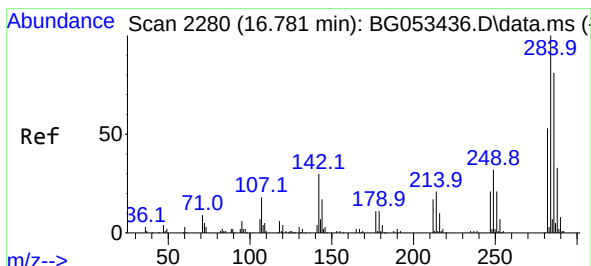
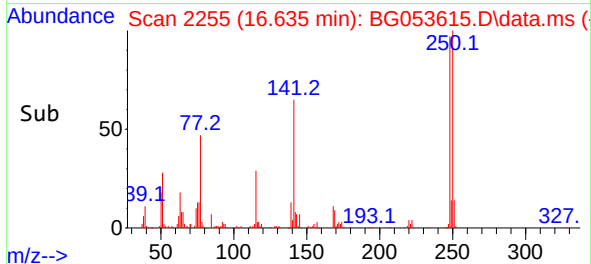
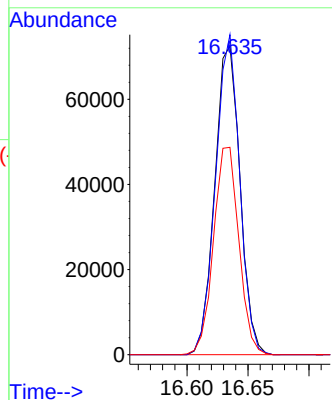
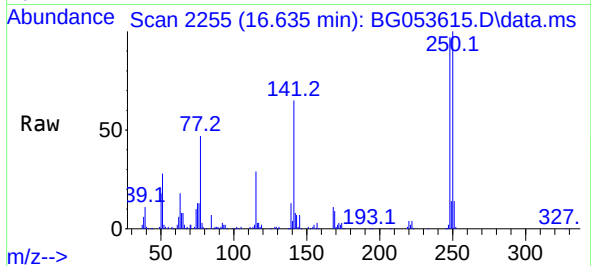
#67
4-Bromophenyl-phenylether
Concen: 46.310 ng
RT: 16.635 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG053615.D
Acq: 18 May 2022 22:42

Instrument :
BNA_G
ClientSampleId :
GC-2MSD

Tgt Ion:248 Resp: 104719
Ion Ratio Lower Upper
248 100
250 103.6 75.2 112.8
141 67.1 50.0 75.0

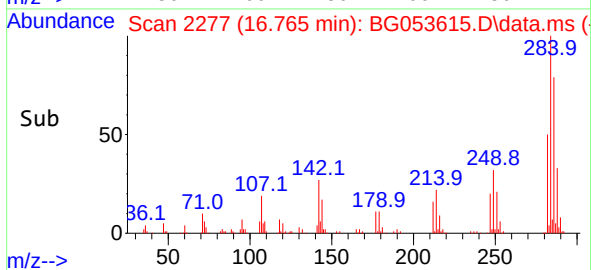
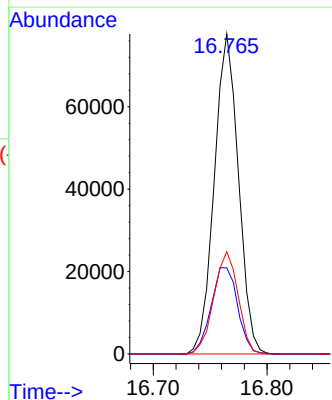
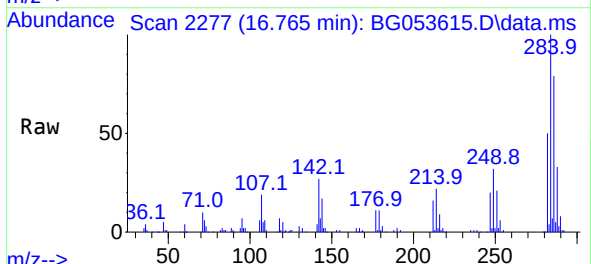
Manual Integrations
APPROVED

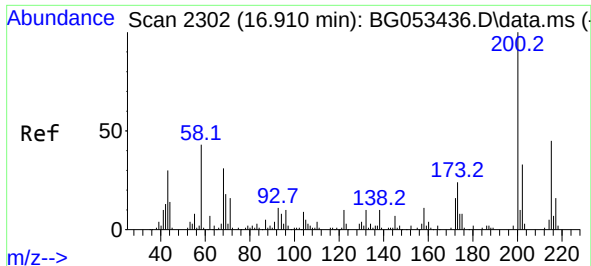
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#68
Hexachlorobenzene
Concen: 46.198 ng
RT: 16.765 min Scan# 2277
Delta R.T. -0.007 min
Lab File: BG053615.D
Acq: 18 May 2022 22:42

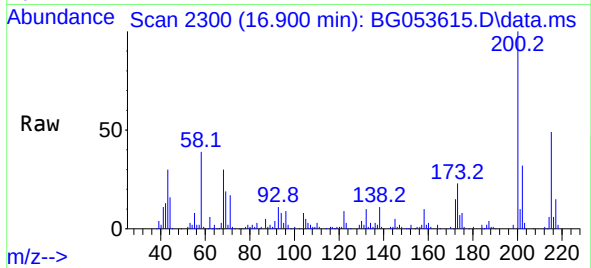
Tgt Ion:284 Resp: 114410
Ion Ratio Lower Upper
284 100
142 26.9 23.6 35.4
249 32.0 25.8 38.6





#69
Atrazine
Concen: 47.834 ng
RT: 16.900 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG053615.D
Acq: 18 May 2022 22:42

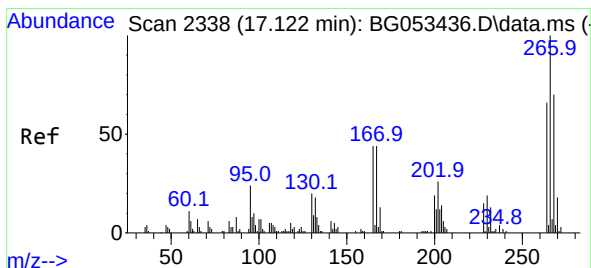
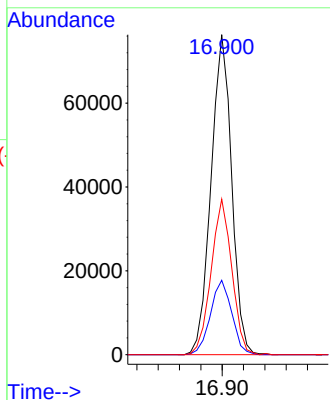
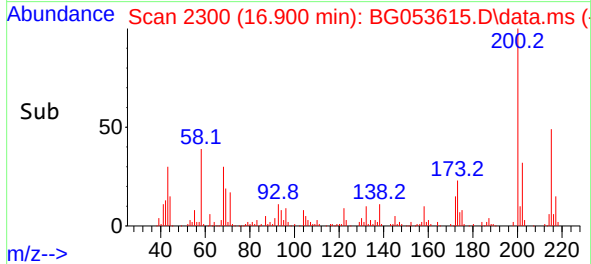
Instrument :
BNA_G
ClientSampleId :
GC-2MSD



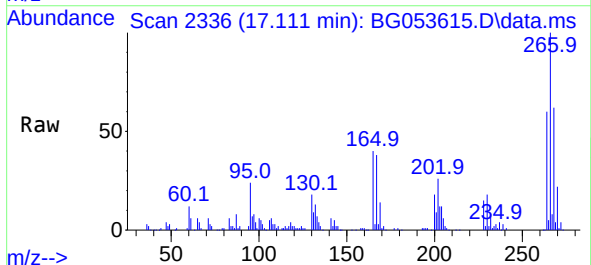
Tgt Ion:200 Resp: 102369
Ion Ratio Lower Upper
200 100
173 23.2 3.7 43.7
215 48.6 25.2 65.2

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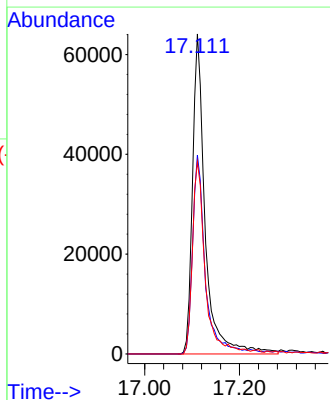
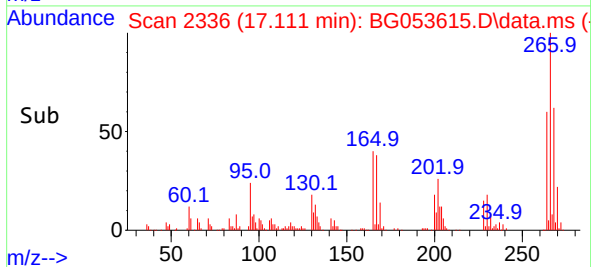
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

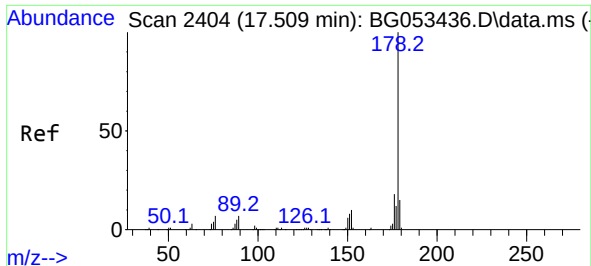


#70
Pentachlorophenol
Concen: 88.791 ng
RT: 17.111 min Scan# 2336
Delta R.T. -0.007 min
Lab File: BG053615.D
Acq: 18 May 2022 22:42



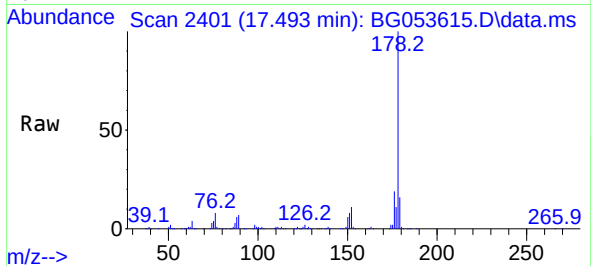
Tgt Ion:266 Resp: 119142
Ion Ratio Lower Upper
266 100
268 62.2 56.2 84.2
264 60.0 53.0 79.4





#71
Phenanthrene
Concen: 46.292 ng
RT: 17.493 min Scan# 2401
Delta R.T. -0.007 min
Lab File: BG053615.D
Acq: 18 May 2022 22:42

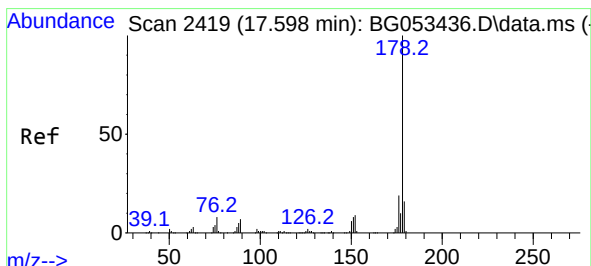
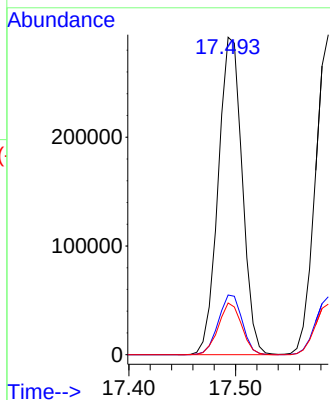
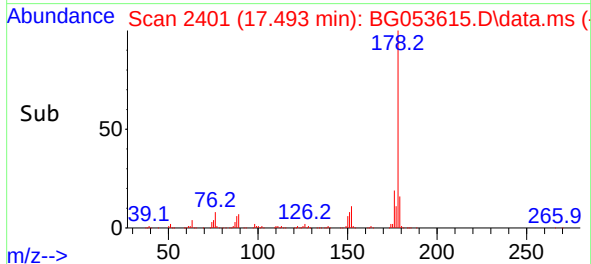
Instrument :
BNA_G
ClientSampleId :
GC-2MSD



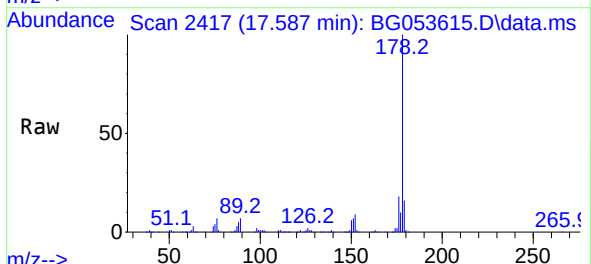
Tgt Ion:178 Resp: 45575
Ion Ratio Lower Upper
178 100
176 18.8 14.1 21.1
179 16.3 12.1 18.1

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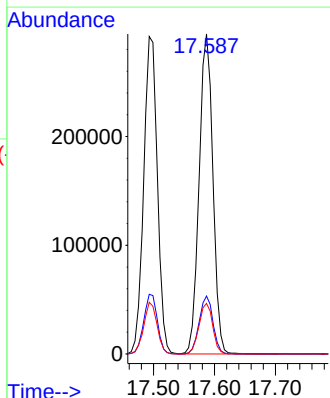
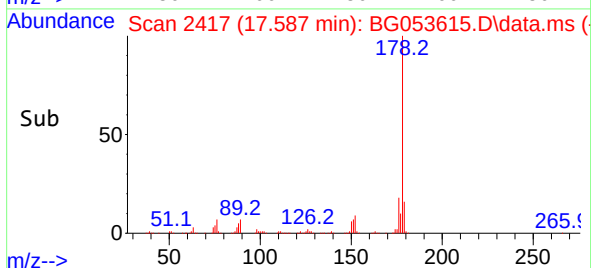
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

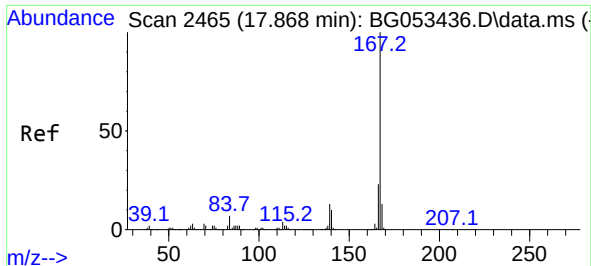


#72
Anthracene
Concen: 47.773 ng
RT: 17.587 min Scan# 2417
Delta R.T. -0.007 min
Lab File: BG053615.D
Acq: 18 May 2022 22:42



Tgt Ion:178 Resp: 462300
Ion Ratio Lower Upper
178 100
176 18.1 15.2 22.8
179 15.8 13.0 19.4





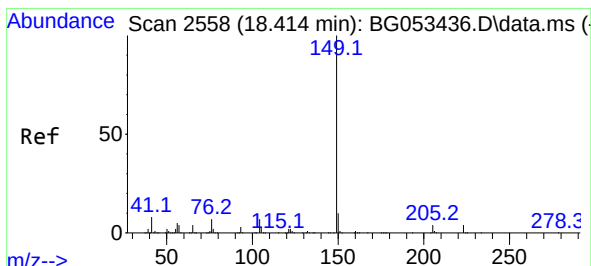
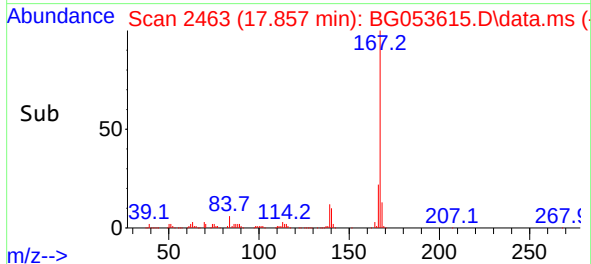
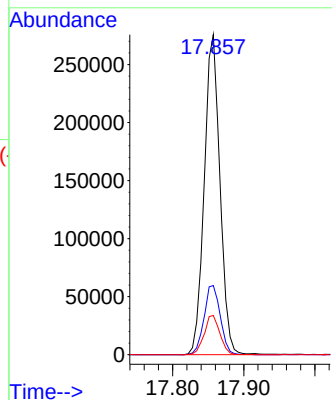
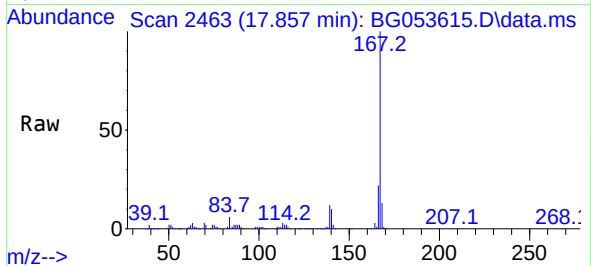
#73
Carbazole
Concen: 44.750 ng
RT: 17.857 min Scan# 2463
Delta R.T. -0.001 min
Lab File: BG053615.D
Acq: 18 May 2022 22:42

Instrument :
BNA_G
ClientSampleId :
GC-2MSD

Tgt Ion:167 Resp: 42441
Ion Ratio Lower Upper
167 100
166 21.6 18.2 27.2
139 12.2 10.1 15.1

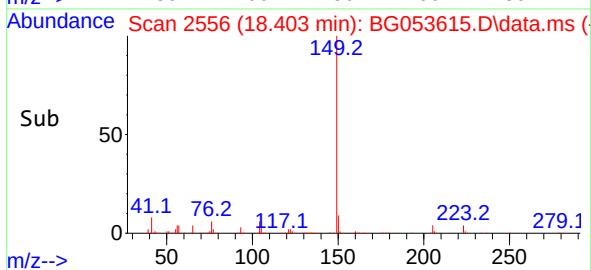
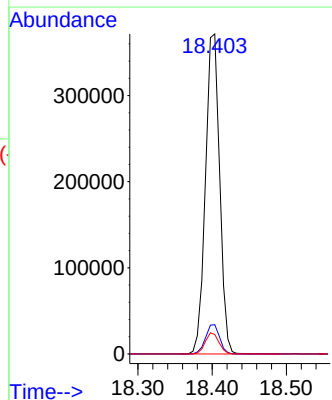
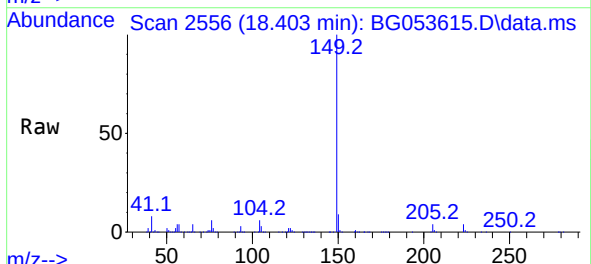
Manual Integrations
APPROVED

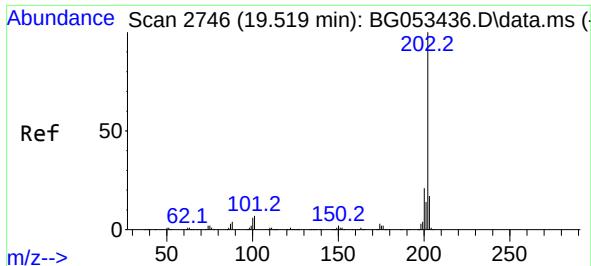
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#74
Di-n-butylphthalate
Concen: 46.458 ng
RT: 18.403 min Scan# 2556
Delta R.T. -0.001 min
Lab File: BG053615.D
Acq: 18 May 2022 22:42

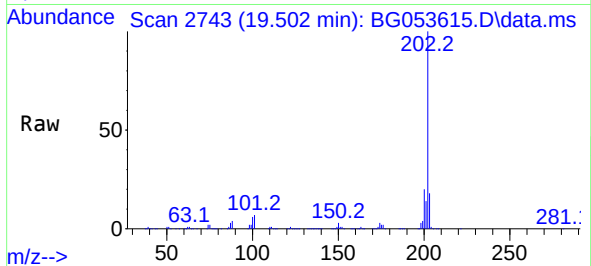
Tgt Ion:149 Resp: 495535
Ion Ratio Lower Upper
149 100
150 9.2 7.7 11.5
104 6.1 5.4 8.0





#75
Fluoranthene
Concen: 45.673 ng
RT: 19.502 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG053615.D
Acq: 18 May 2022 22:42

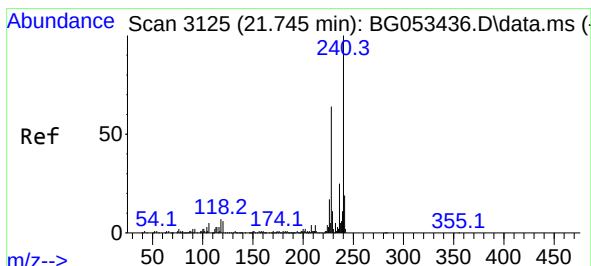
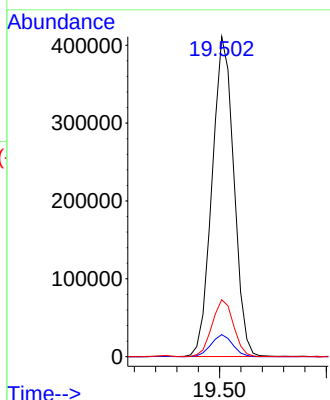
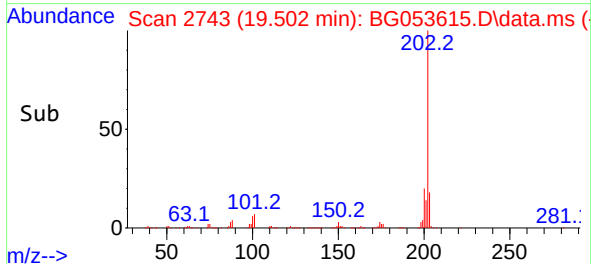
Instrument :
BNA_G
ClientSampleId :
GC-2MSD



Tgt Ion:202 Resp: 58222
Ion Ratio Lower Upper
202 100
101 6.9 0.0 26.9
203 17.8 0.0 37.2

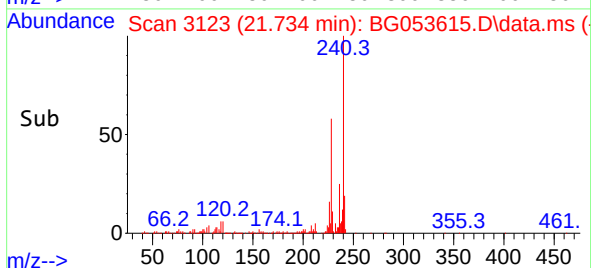
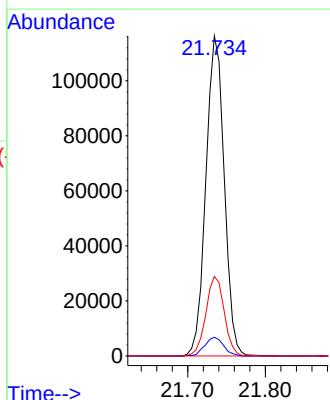
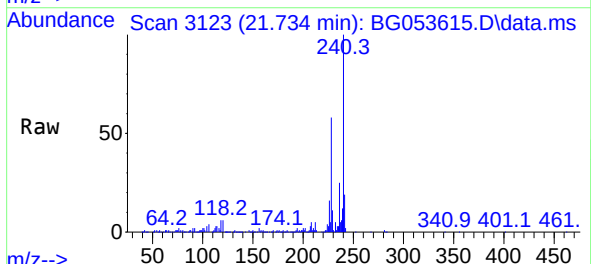
Manual Integrations
APPROVED

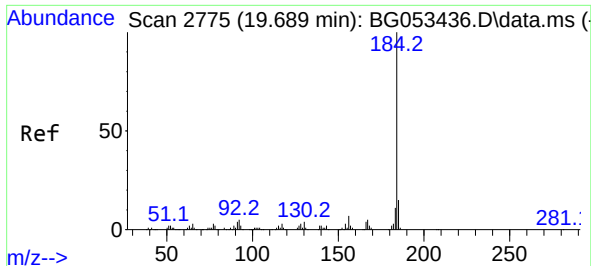
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.734 min Scan# 3123
Delta R.T. -0.007 min
Lab File: BG053615.D
Acq: 18 May 2022 22:42

Tgt Ion:240 Resp: 190777
Ion Ratio Lower Upper
240 100
120 5.9 4.6 7.0
236 24.8 20.2 30.4





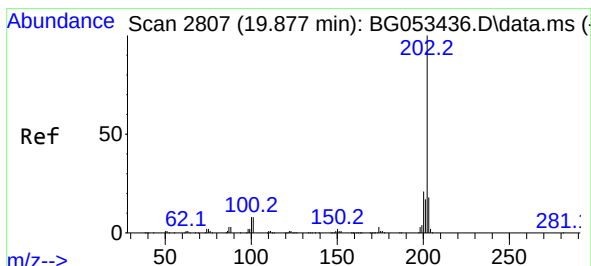
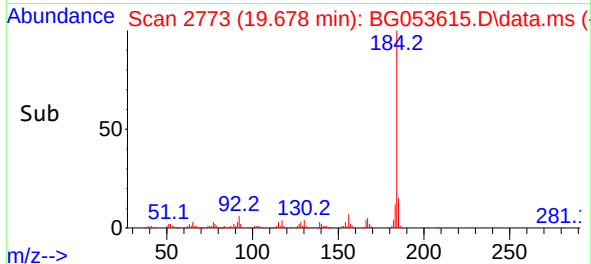
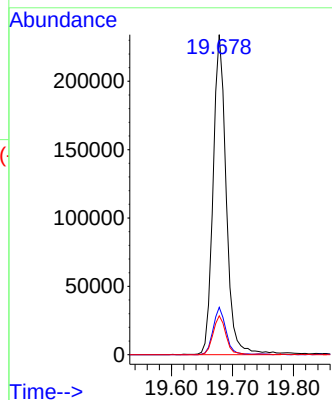
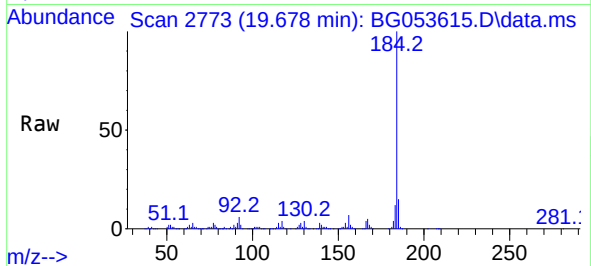
#77
Benzidine
Concen: 85.465 ng
RT: 19.678 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG053615.D
Acq: 18 May 2022 22:42

Instrument :
BNA_G
ClientSampleId :
GC-2MSD

Tgt Ion:184 Resp: 351420
Ion Ratio Lower Upper
184 100
185 14.8 11.8 17.6
183 12.1 8.9 13.3

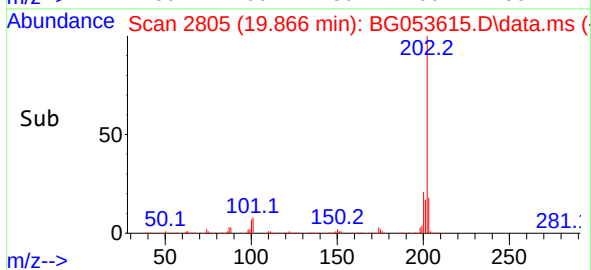
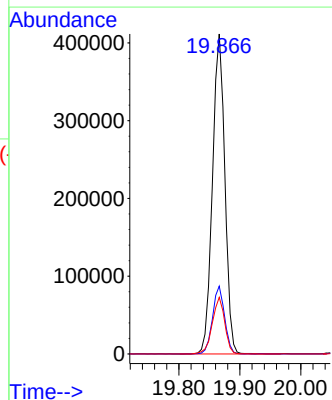
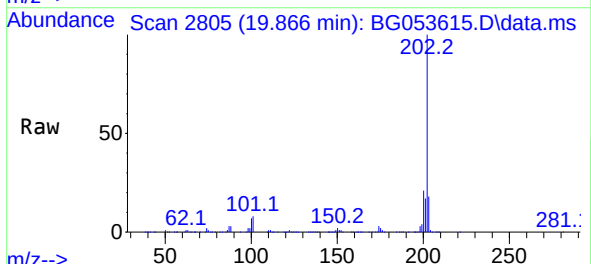
Manual Integrations
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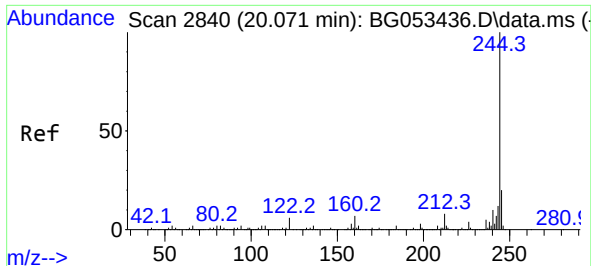
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#78
Pyrene
Concen: 47.073 ng
RT: 19.866 min Scan# 2805
Delta R.T. -0.007 min
Lab File: BG053615.D
Acq: 18 May 2022 22:42

Tgt Ion:202 Resp: 581344
Ion Ratio Lower Upper
202 100
200 21.2 16.6 24.8
203 17.7 14.6 21.8





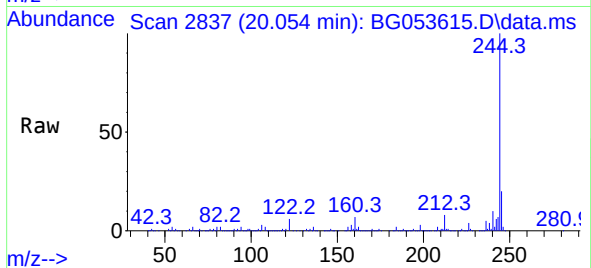
#79
 Terphenyl-d14
 Concen: 53.987 ng
 RT: 20.054 min Scan# 2837
 Delta R.T. -0.007 min
 Lab File: BG053615.D
 Acq: 18 May 2022 22:42

Instrument :

BNA_G

ClientSampleId :

GC-2MSD

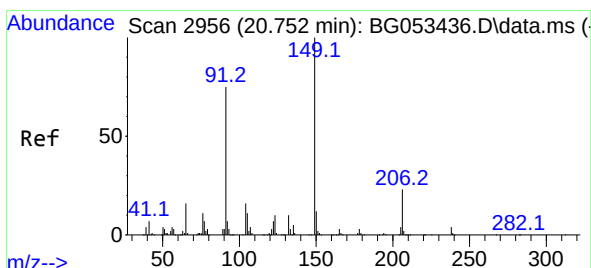
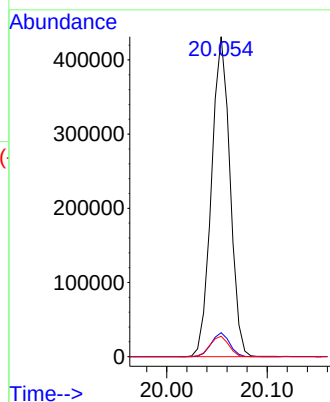
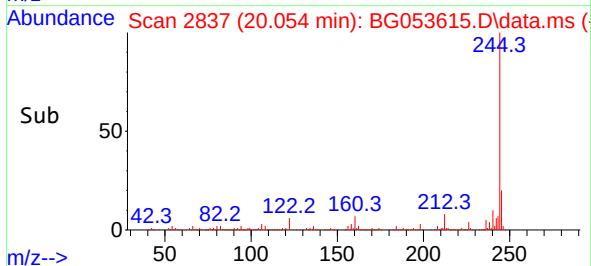


Tgt Ion:244 Resp: 553000
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.5 9.7
 122 6.4 5.0 7.4

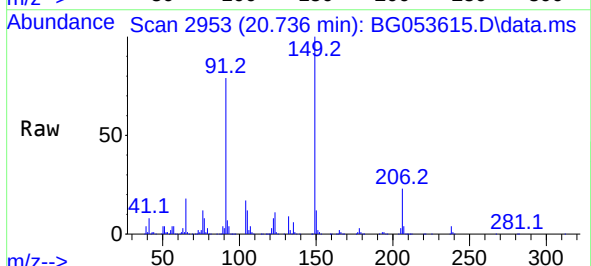
Manual Integrations

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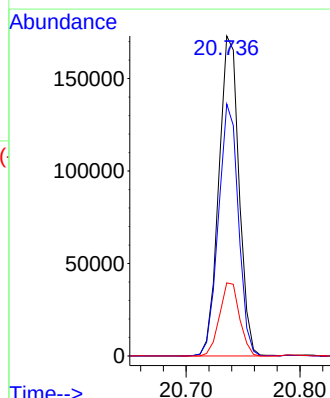
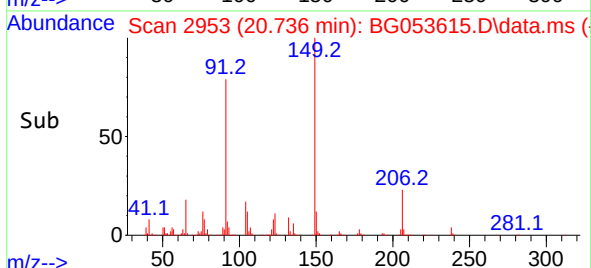
Reviewed By :Christian Giraldo 05/19/2022
 Supervised By :Jagrut Upadhyay 05/19/2022

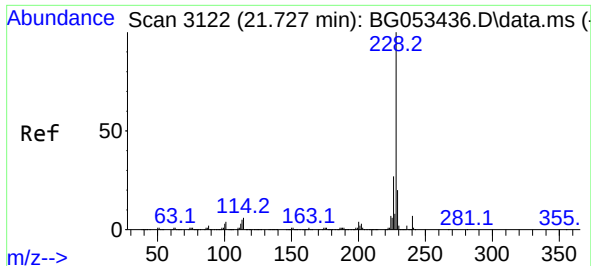


#80
 Butylbenzylphthalate
 Concen: 47.219 ng
 RT: 20.736 min Scan# 2953
 Delta R.T. -0.007 min
 Lab File: BG053615.D
 Acq: 18 May 2022 22:42



Tgt Ion:149 Resp: 213839
 Ion Ratio Lower Upper
 149 100
 91 78.8 59.6 89.4
 206 22.9 18.6 28.0





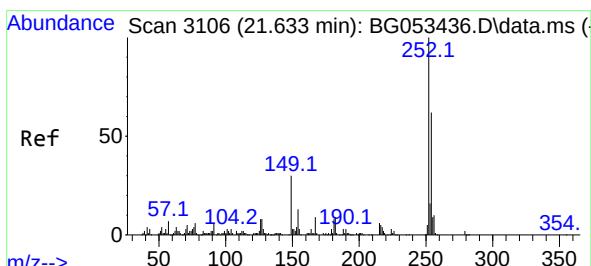
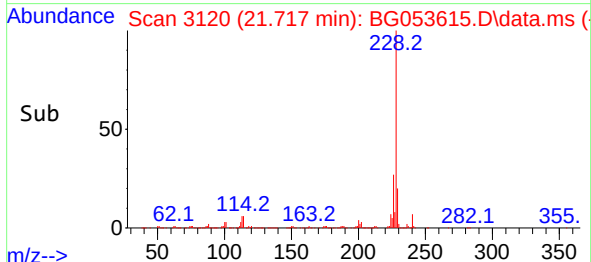
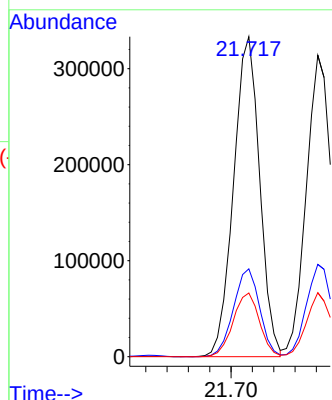
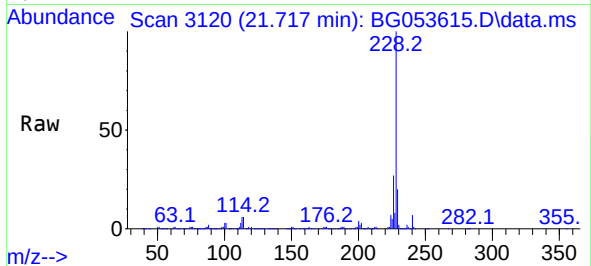
#81
Benzo(a)anthracene
Concen: 46.535 ng
RT: 21.717 min Scan# 3120
Delta R.T. -0.001 min
Lab File: BG053615.D
Acq: 18 May 2022 22:42

Instrument :
BNA_G
ClientSampleId :
GC-2MSD

Tgt Ion:228 Resp: 56624
Ion Ratio Lower Upper
228 100
226 27.4 21.6 32.4
229 19.9 16.2 24.2

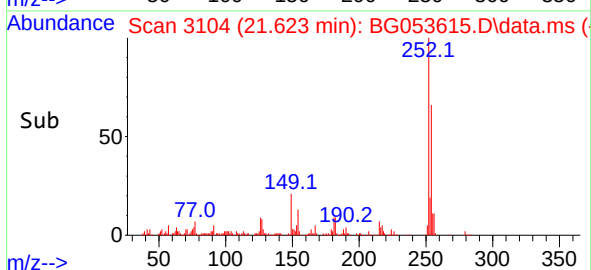
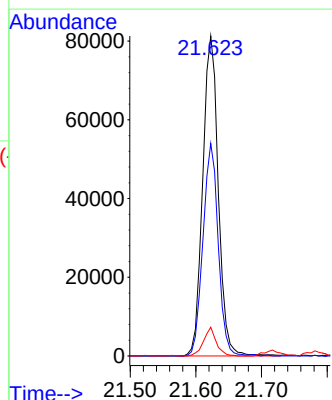
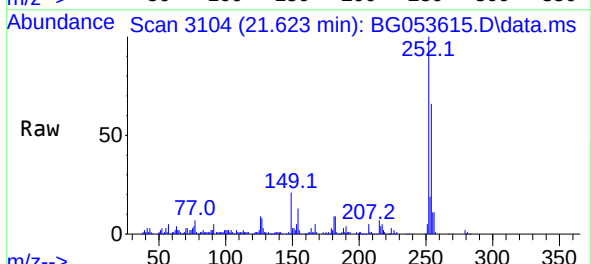
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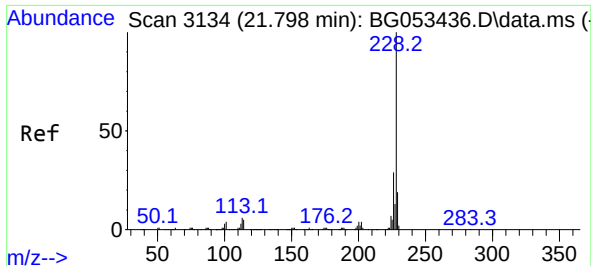
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#82
3,3'-Dichlorobenzidine
Concen: 43.657 ng
RT: 21.623 min Scan# 3104
Delta R.T. -0.001 min
Lab File: BG053615.D
Acq: 18 May 2022 22:42

Tgt Ion:252 Resp: 134713
Ion Ratio Lower Upper
252 100
254 66.4 49.8 74.8
126 9.0 6.0 9.0#





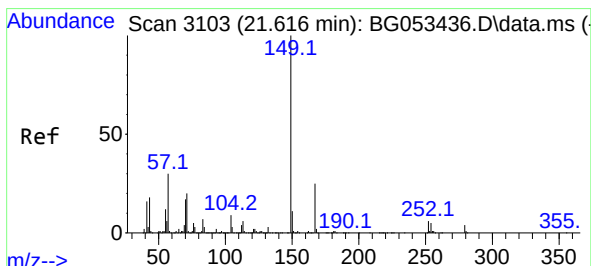
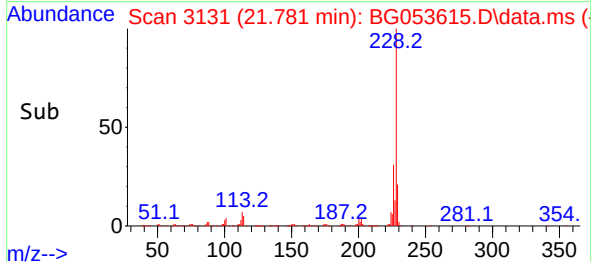
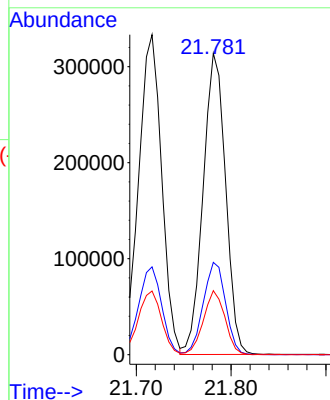
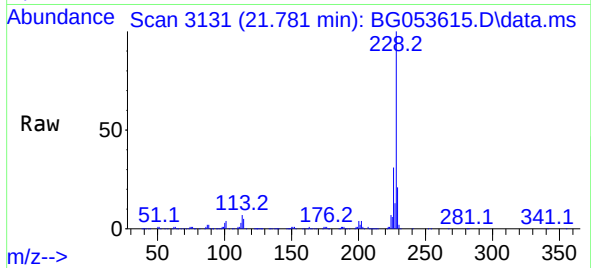
#83
Chrysene
Concen: 45.492 ng
RT: 21.781 min Scan# 31
Delta R.T. -0.007 min
Lab File: BG053615.D
Acq: 18 May 2022 22:42

Instrument :
BNA_G
ClientSampleId :
GC-2MSD

Tgt Ion:228 Resp: 51700
Ion Ratio Lower Upper
228 100
226 30.7 23.4 35.2
229 21.2 15.5 23.3

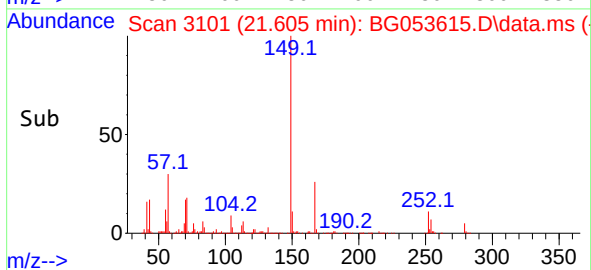
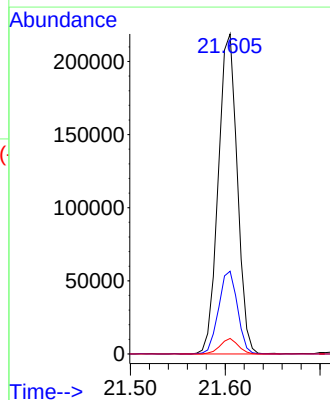
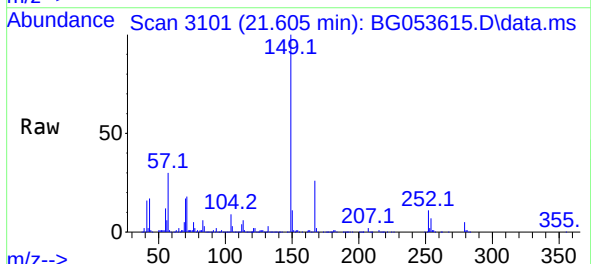
Manual Integrations
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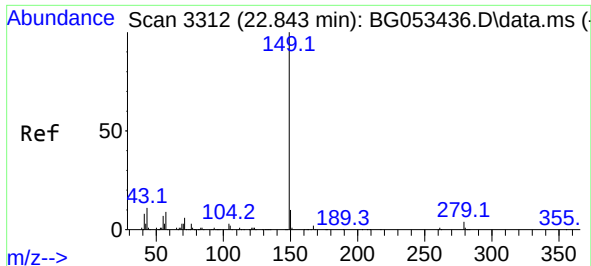
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 48.751 ng
RT: 21.605 min Scan# 3101
Delta R.T. -0.001 min
Lab File: BG053615.D
Acq: 18 May 2022 22:42

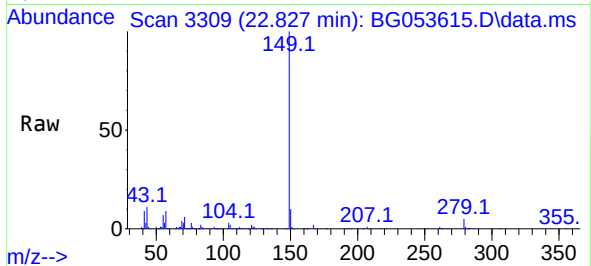
Tgt Ion:149 Resp: 304726
Ion Ratio Lower Upper
149 100
167 25.9 20.2 30.4
279 4.8 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 48.324 ng
RT: 22.827 min Scan# 31
Delta R.T. -0.007 min
Lab File: BG053615.D
Acq: 18 May 2022 22:42

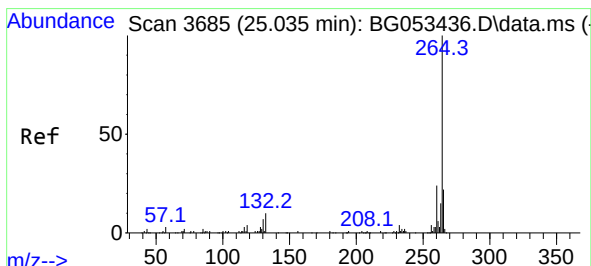
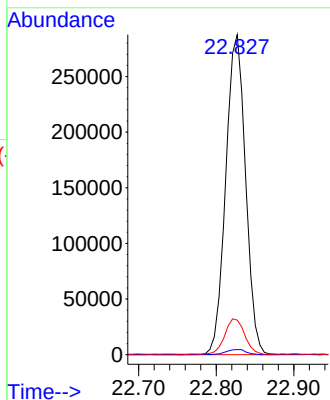
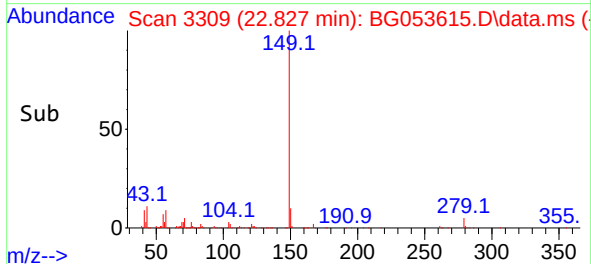
Instrument :
BNA_G
ClientSampleId :
GC-2MSD



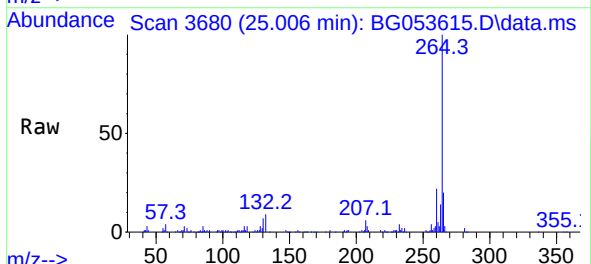
Tgt Ion:149 Resp: 51076
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.1 9.0 13.4

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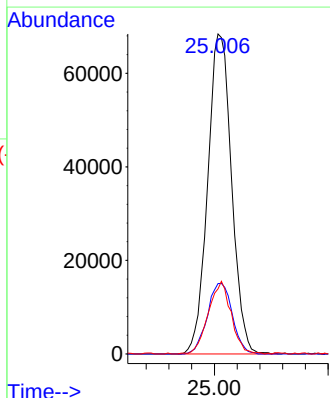
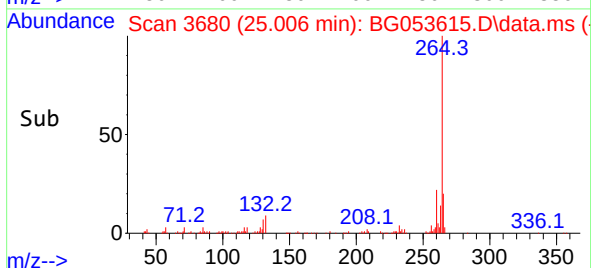
Reviewed By :Christian Giraldo 05/19/2022
Supervised By :Jagrut Upadhyay 05/19/2022

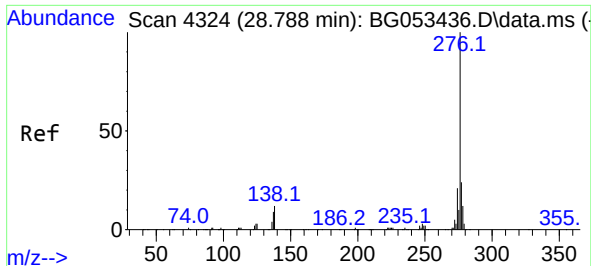


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.006 min Scan# 3680
Delta R.T. -0.013 min
Lab File: BG053615.D
Acq: 18 May 2022 22:42



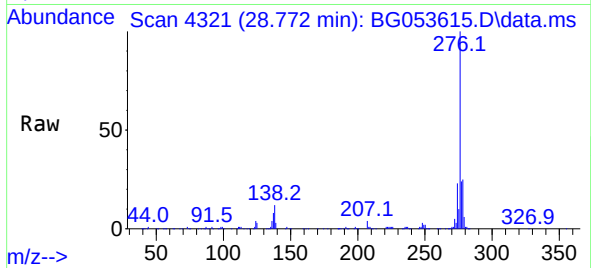
Tgt Ion:264 Resp: 199231
Ion Ratio Lower Upper
264 100
260 22.0 19.0 28.6
265 20.4 17.4 26.2





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 45.857 ng
 RT: 28.772 min Scan# 41
 Delta R.T. -0.007 min
 Lab File: BG053615.D
 Acq: 18 May 2022 22:42

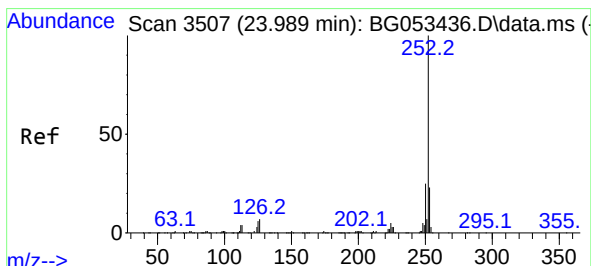
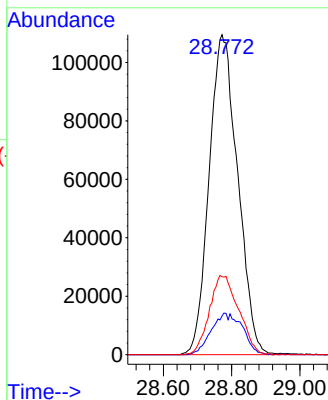
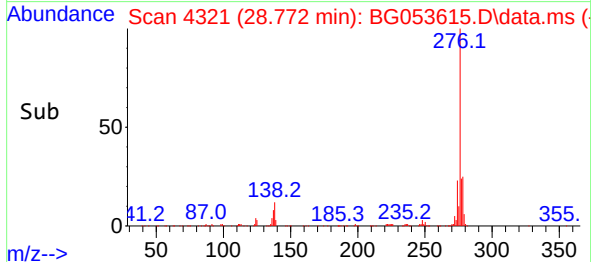
Instrument :
 BNA_G
 ClientSampleId :
 GC-2MSD



Tgt Ion:276 Resp: 636310
 Ion Ratio Lower Upper
 276 100
 138 14.2 5.0 7.4
 277 25.4 20.3 30.5

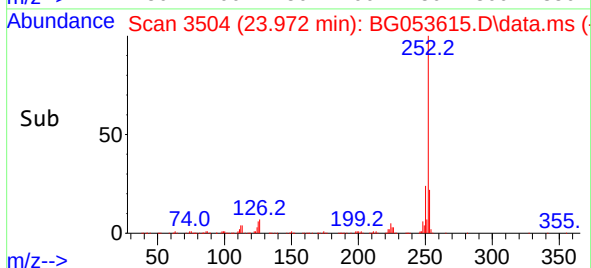
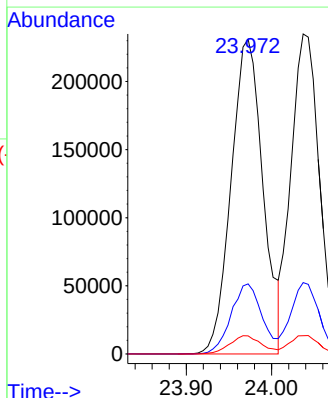
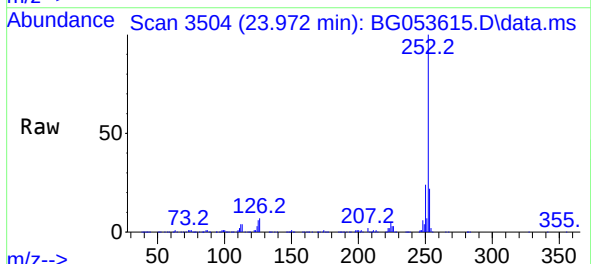
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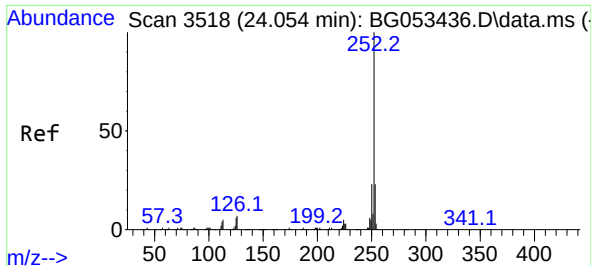
Reviewed By :Christian Giraldo 05/19/2022
 Supervised By :Jagrut Upadhyay 05/19/2022



#88
 Benzo(b)fluoranthene
 Concen: 50.794 ng
 RT: 23.972 min Scan# 3504
 Delta R.T. -0.007 min
 Lab File: BG053615.D
 Acq: 18 May 2022 22:42

Tgt Ion:252 Resp: 599004
 Ion Ratio Lower Upper
 252 100
 253 22.3 18.0 27.0
 125 5.7 4.6 6.8





#89

Benzo(k)fluoranthene

Concen: 46.973 ng

RT: 24.037 min Scan# 3

Delta R.T. -0.007 min

Lab File: BG053615.D

Acq: 18 May 2022 22:42

Instrument :

BNA_G

ClientSampleId :

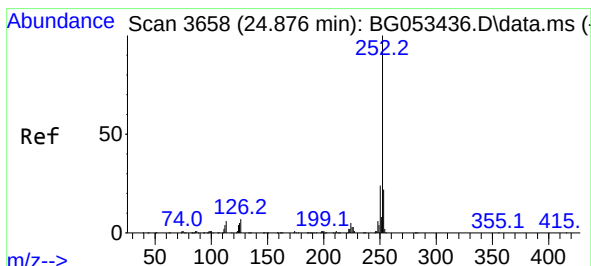
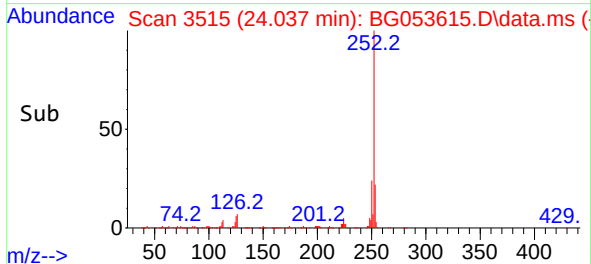
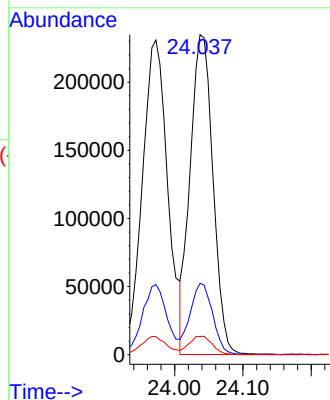
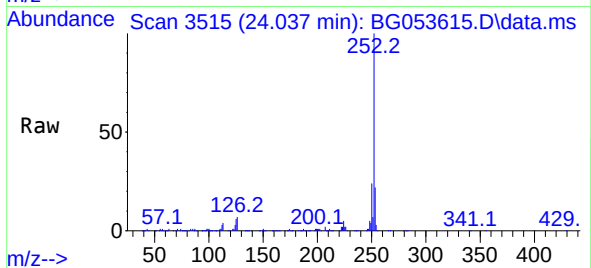
GC-2MSD

Tgt Ion:252 Resp: 544344
 Ion Ratio Lower Upper
 252 100
 253 22.3 18.4 27.6
 125 5.7 4.8 7.2

Manual Integrations

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



#90

Benzo(a)pyrene

Concen: 55.252 ng

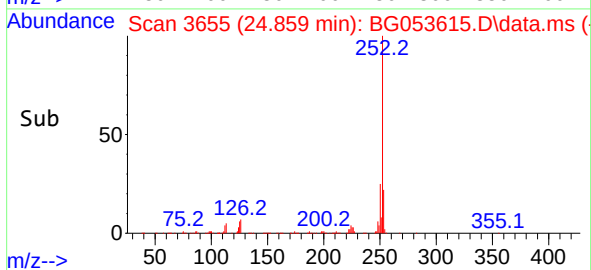
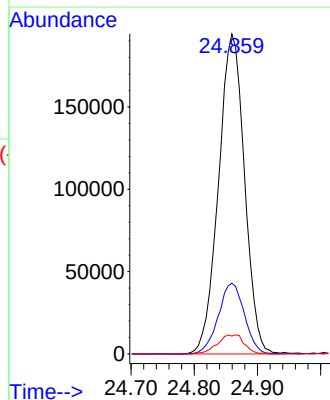
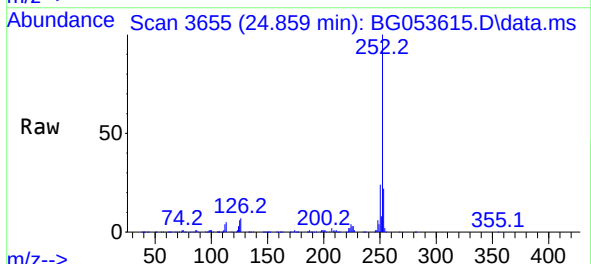
RT: 24.859 min Scan# 3655

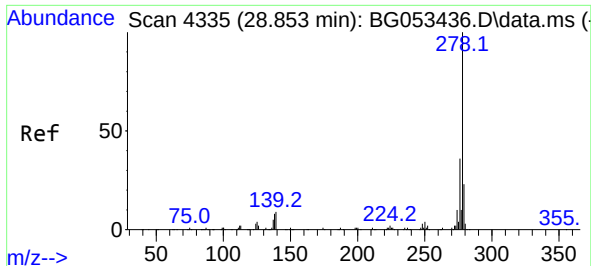
Delta R.T. -0.007 min

Lab File: BG053615.D

Acq: 18 May 2022 22:42

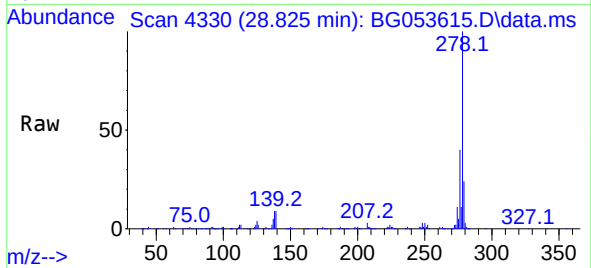
Tgt Ion:252 Resp: 554586
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.8 26.8
 125 5.6 4.3 6.5





#91
Dibenzo(a,h)anthracene
Concen: 47.935 ng
RT: 28.825 min Scan# 41
Delta R.T. -0.013 min
Lab File: BG053615.D
Acq: 18 May 2022 22:42

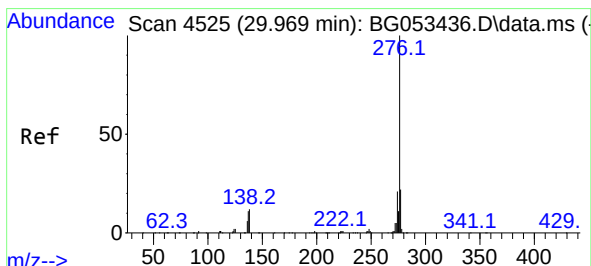
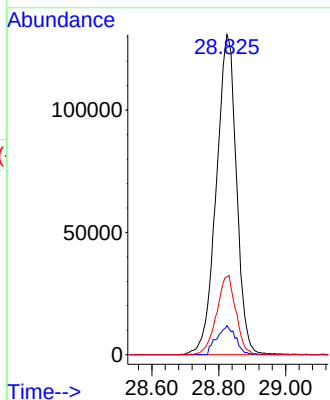
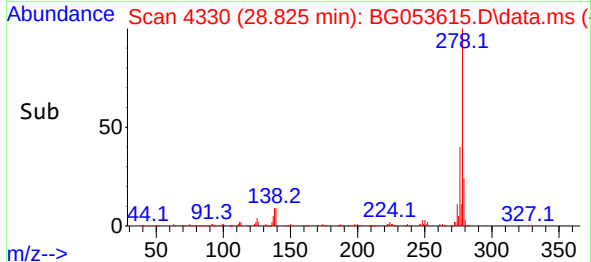
Instrument :
BNA_G
ClientSampleId :
GC-2MSD



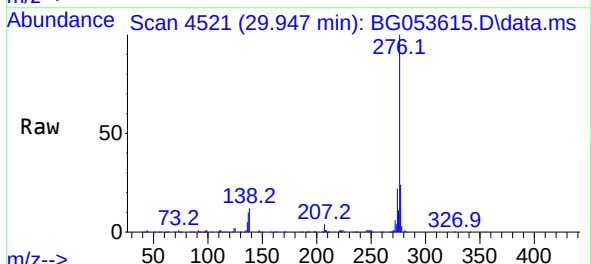
Tgt Ion:278 Resp: 54807
Ion Ratio Lower Upper
278 100
139 9.1 7.2 10.8
279 24.3 18.6 27.8

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



#92
Benzo(g,h,i)perylene
Concen: 47.948 ng
RT: 29.947 min Scan# 4521
Delta R.T. -0.007 min
Lab File: BG053615.D
Acq: 18 May 2022 22:42



Tgt Ion:276 Resp: 543425
Ion Ratio Lower Upper
276 100
277 23.8 17.3 25.9
138 11.6 9.6 14.4

