

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051322\
 Data File : BG053550.D
 Acq On : 13 May 2022 19:45
 Operator : CG/JU
 Sample : N2762-06MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB16MS

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 05/16/2022
 Supervised By : Jagrut Upadhyay 05/16/2022

Quant Time: May 14 03:14:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 11 06:00:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	24255	20.000	ng	0.00
21) Naphthalene-d8	10.894	136	99688	20.000	ng	0.00
39) Acenaphthene-d10	14.713	164	81598	20.000	ng	0.00
64) Phenanthrene-d10	17.456	188	194177	20.000	ng	0.00
76) Chrysene-d12	21.738	240	184753	20.000	ng	0.00
86) Perylene-d12	25.016	264	194185	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.654	112	168856	118.149	ng	0.00
7) Phenol-d6	7.252	99	258613	119.232	ng	0.00
23) Nitrobenzene-d5	9.250	82	178031	76.022	ng	0.00
42) 2,4,6-Tribromophenol	16.199	330	130307	108.276	ng	0.00
45) 2-Fluorobiphenyl	13.332	172	380892	68.211	ng	0.00
79) Terphenyl-d14	20.058	244	678649	68.414	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.522	88	29898	39.871	ng	# 90
3) Pyridine	3.927	79	71244	38.904	ng	96
4) n-Nitrosodimethylamine	3.839	42	44105	49.441	ng	# 96
6) Aniline	7.405	93	77945	32.446	ng	99
8) 2-Chlorophenol	7.652	128	83838	56.114	ng	97
9) Benzaldehyde	7.217	77	54223m	39.351	ng	
10) Phenol	7.276	94	119606	56.382	ng	96
11) bis(2-Chloroethyl)ether	7.493	93	77206	48.799	ng	95
12) 1,3-Dichlorobenzene	7.975	146	84771	48.095	ng	93
13) 1,4-Dichlorobenzene	8.116	146	86081	48.398	ng	99
14) 1,2-Dichlorobenzene	8.439	146	84281	50.462	ng	96
15) Benzyl Alcohol	8.321	79	97938	54.009	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.609	45	123999	48.155	ng	95
17) 2-Methylphenol	8.527	107	78623	54.836	ng	98
18) Hexachloroethane	9.173	117	32490	48.103	ng	99
19) n-Nitroso-di-n-propyla...	8.885	70	77195	49.604	ng	97
20) 3+4-Methylphenols	8.856	107	110203	54.422	ng	99
22) Acetophenone	8.903	105	132818	48.681	ng	# 97
24) Nitrobenzene	9.291	77	116300	51.310	ng	96
25) Isophorone	9.813	82	214523	54.431	ng	98
26) 2-Nitrophenol	10.007	139	47256	51.476	ng	95
27) 2,4-Dimethylphenol	10.060	122	83471	60.418	ng	99
28) bis(2-Chloroethoxy)met...	10.289	93	113990	50.289	ng	99
29) 2,4-Dichlorophenol	10.548	162	96443	57.840	ng	94
30) 1,2,4-Trichlorobenzene	10.759	180	96753	51.071	ng	99
31) Naphthalene	10.947	128	257746	50.829	ng	98
32) Benzoic acid	10.242	122	46635m	52.940	ng	
33) 4-Chloroaniline	11.053	127	32931	15.507	ng	98
34) Hexachlorobutadiene	11.229	225	69910	49.765	ng	98
35) Caprolactam	11.823	113	31999m	52.810	ng	
36) 4-Chloro-3-methylphenol	12.175	107	110967	55.636	ng	97
37) 2-Methylnaphthalene	12.545	142	191610	50.633	ng	99
38) 1-Methylnaphthalene	12.762	142	186724	50.573	ng	96
40) 1,2,4,5-Tetrachloroben...	12.915	216	127939	49.742	ng	98
41) Hexachlorocyclopentadiene	12.892	237	106557	99.311	ng	97
43) 2,4,6-Trichlorophenol	13.150	196	90392	53.839	ng	96

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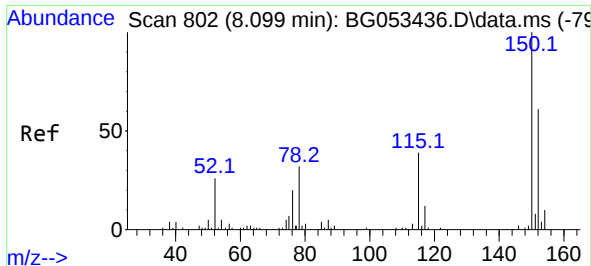
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.232	196	96797	54.171	ng	98
46) 1,1'-Biphenyl	13.544	154	271195	48.758	ng	100
47) 2-Chloronaphthalene	13.591	162	212046	48.660	ng	97
48) 2-Nitroaniline	13.790	65	85471	52.637	ng	94
49) Acenaphthylene	14.437	152	362483	52.128	ng	99
50) Dimethylphthalate	14.161	163	300784	48.508	ng	99
51) 2,6-Dinitrotoluene	14.284	165	64547	51.095	ng	96
52) Acenaphthene	14.777	154	206710	49.881	ng	99
53) 3-Nitroaniline	14.613	138	32711	23.965	ng	94
54) 2,4-Dinitrophenol	14.830	184	76904	94.662	ng	94
55) Dibenzofuran	15.112	168	358678	48.186	ng	98
56) 4-Nitrophenol	14.936	139	100163	102.740	ng	86
57) 2,4-Dinitrotoluene	15.071	165	94118	51.399	ng	# 92
58) Fluorene	15.758	166	294532	49.307	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.341	232	91930	50.706	ng	99
60) Diethylphthalate	15.518	149	306421	47.840	ng	99
61) 4-Chlorophenyl-phenylether	15.741	204	161008	48.304	ng	96
62) 4-Nitroaniline	15.782	138	64012	45.215	ng	96
63) Azobenzene	16.034	77	316674	48.282	ng	98
65) 4,6-Dinitro-2-methylph...	15.841	198	56849	49.133	ng	97
66) n-Nitrosodiphenylamine	15.958	169	263336	51.653	ng	100
67) 4-Bromophenyl-phenylether	16.640	248	115379	50.878	ng	98
68) Hexachlorobenzene	16.769	284	128483	51.732	ng	98
69) Atrazine	16.904	200	112988	52.645	ng	98
70) Pentachlorophenol	17.115	266	128258	94.969	ng	92
71) Phenanthrene	17.497	178	518324	52.496	ng	97
72) Anthracene	17.591	178	500590	51.581	ng	98
73) Carbazole	17.856	167	449442	47.254	ng	100
74) Di-n-butylphthalate	18.402	149	513943	48.045	ng	100
75) Fluoranthene	19.506	202	656141	51.324	ng	99
77) Benzidine	19.682	184	210821	52.942	ng	98
78) Pyrene	19.870	202	650990	54.431	ng	100
80) Butylbenzylphthalate	20.740	149	226104	51.555	ng	97
81) Benzo(a)anthracene	21.715	228	632661	53.689	ng	99
82) 3,3'-Dichlorobenzidine	21.621	252	119189	39.886	ng	97
83) Chrysene	21.785	228	568584	51.662	ng	98
84) Bis(2-ethylhexyl)phtha...	21.603	149	321973	53.190	ng	97
85) Di-n-octyl phthalate	22.831	149	543071	53.055	ng	99
87) Indeno(1,2,3-cd)pyrene	28.776	276	701519	51.870	ng	# 94
88) Benzo(b)fluoranthene	23.977	252	654124	56.909	ng	100
89) Benzo(k)fluoranthene	24.041	252	616530	54.585	ng	99
90) Benzo(a)pyrene	24.864	252	624738	63.858	ng	100
91) Dibenzo(a,h)anthracene	28.829	278	593172	53.227	ng	97
92) Benzo(g,h,i)perylene	29.951	276	608964	55.127	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.081 min Scan# 79
Delta R.T. -0.008 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45

Instrument :

BNA_G

ClientSampleId :

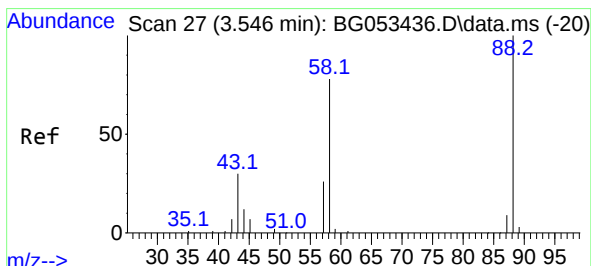
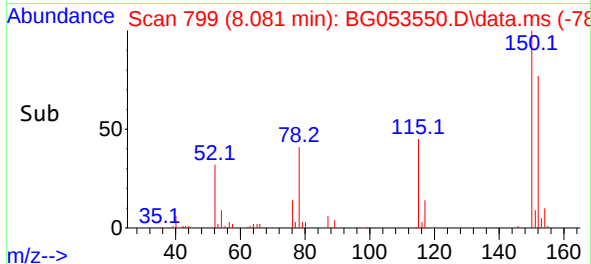
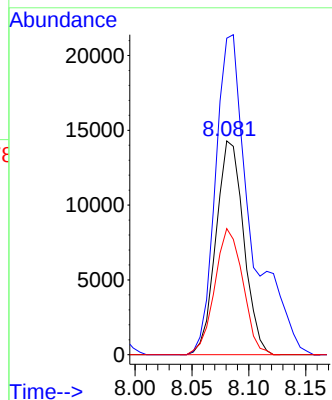
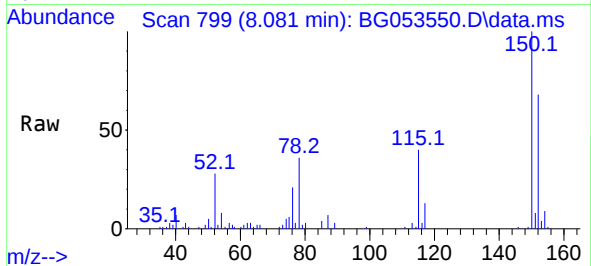
SB16MS

Tgt Ion:152 Resp: 2425
Ion Ratio Lower Upper
152 100
150 148.1 131.6 197.4
115 59.0 50.9 76.3

Manual Integrations

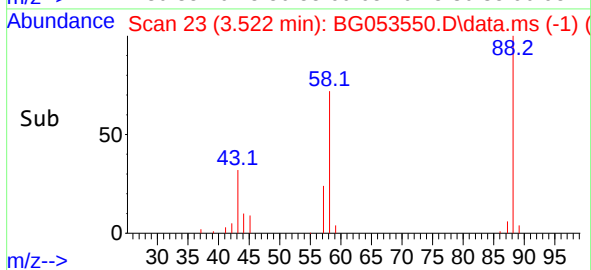
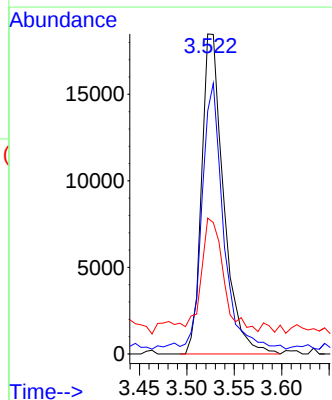
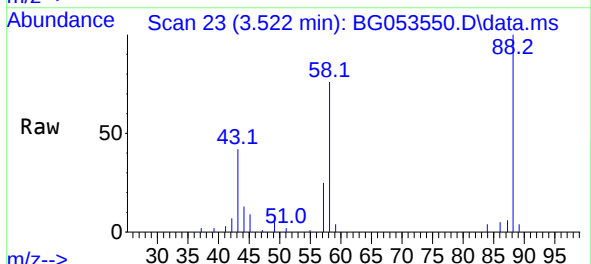
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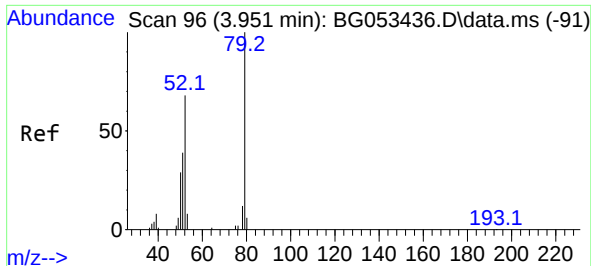
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#2
1,4-Dioxane
Concen: 39.871 ng
RT: 3.522 min Scan# 23
Delta R.T. -0.015 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45

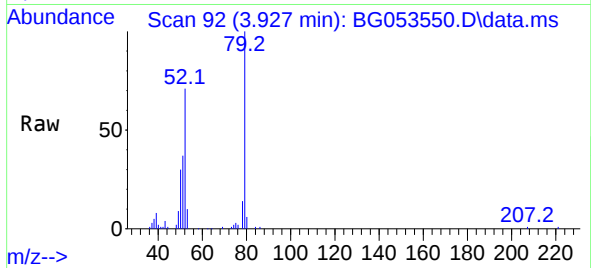
Tgt Ion: 88 Resp: 29898
Ion Ratio Lower Upper
88 100
58 81.4 59.2 88.8
43 36.8 24.3 36.5





#3
Pyridine
Concen: 38.904 ng
RT: 3.927 min Scan# 91
Delta R.T. -0.009 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45

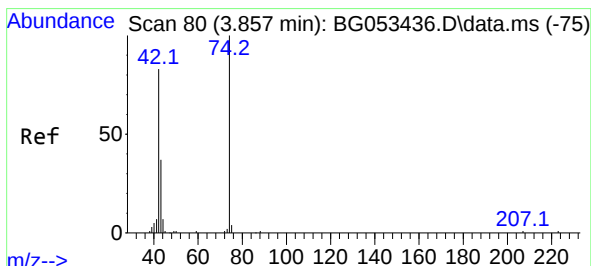
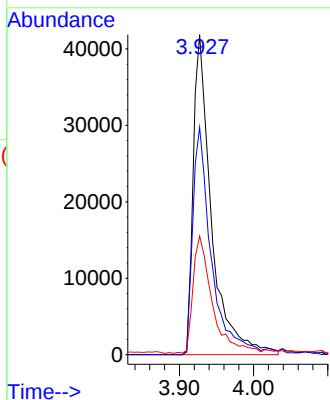
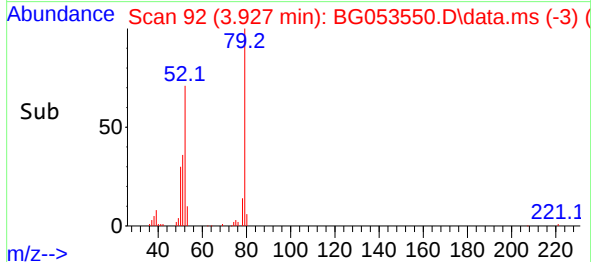
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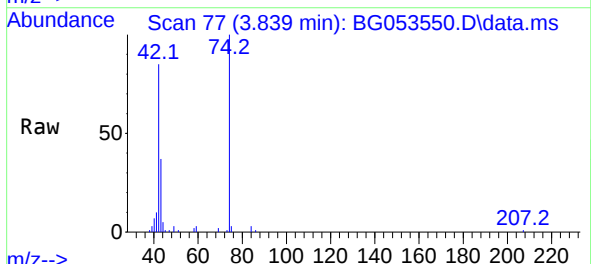
Tgt Ion: 79 Resp: 71244
Ion Ratio Lower Upper
79 100
52 71.0 54.6 81.8
51 37.1 32.5 48.7

Manual Integrations
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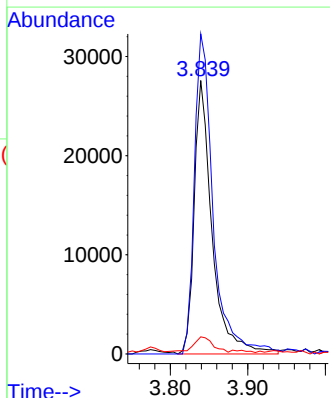
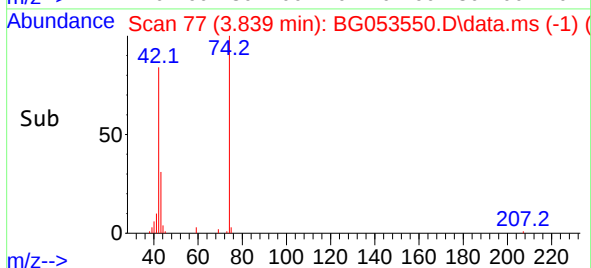
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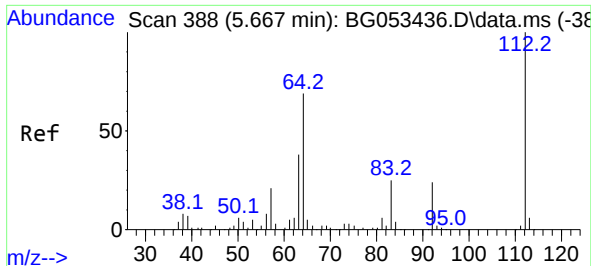


#4
n-Nitrosodimethylamine
Concen: 49.441 ng
RT: 3.839 min Scan# 77
Delta R.T. -0.009 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45



Tgt Ion: 42 Resp: 44105
Ion Ratio Lower Upper
42 100
74 117.1 97.0 145.4
44 6.3 7.0 10.4





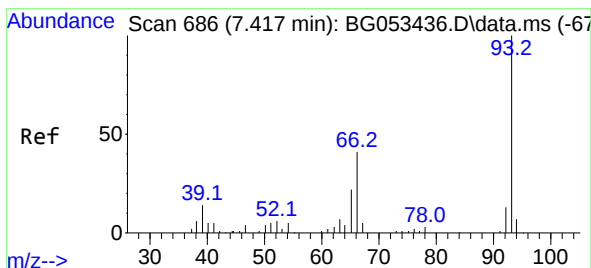
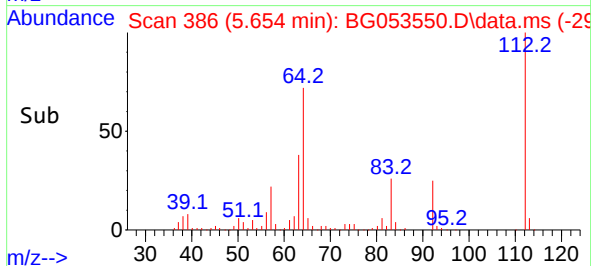
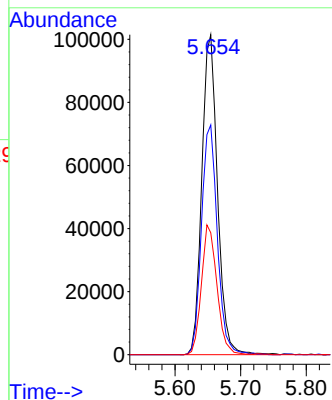
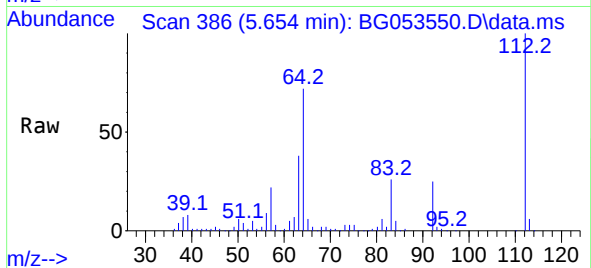
#5
2-Fluorophenol
Concen: 118.149 ng
RT: 5.654 min Scan# 386
Delta R.T. 0.003 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45

Instrument :
BNA_G
ClientSampleId :
SB16MS

Tgt Ion:112 Resp: 168850
Ion Ratio Lower Upper
112 100
64 71.8 55.1 82.7
63 38.1 30.4 45.6

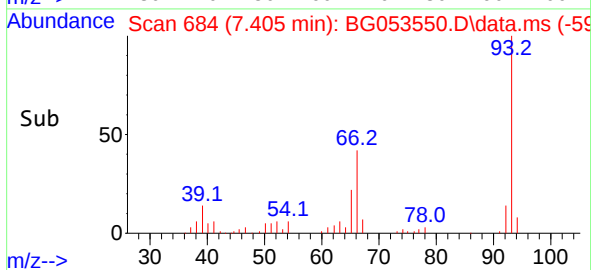
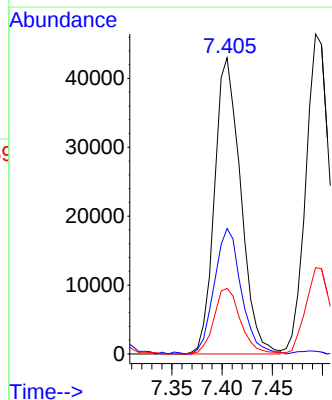
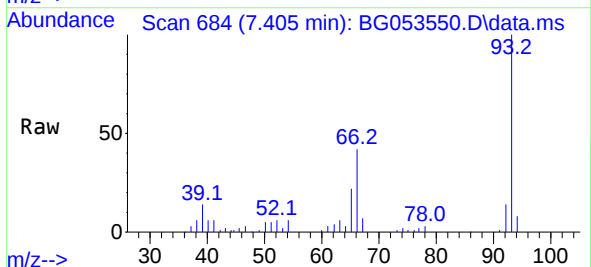
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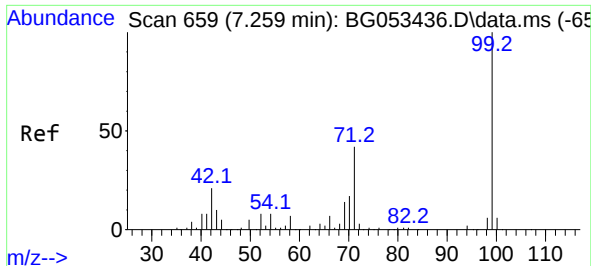
Reviewed By :Christian Giraldo 05/16/2022
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#6
Aniline
Concen: 32.446 ng
RT: 7.405 min Scan# 684
Delta R.T. -0.003 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45

Tgt Ion: 93 Resp: 77945
Ion Ratio Lower Upper
93 100
66 42.3 32.9 49.3
65 22.2 17.8 26.8





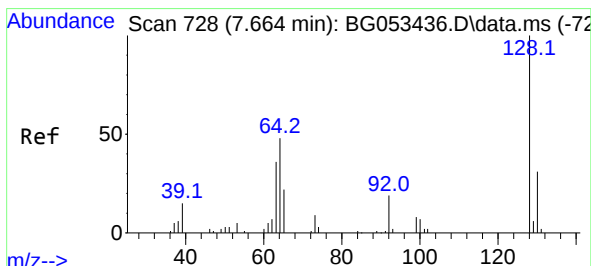
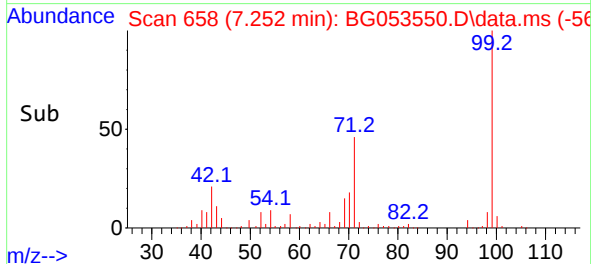
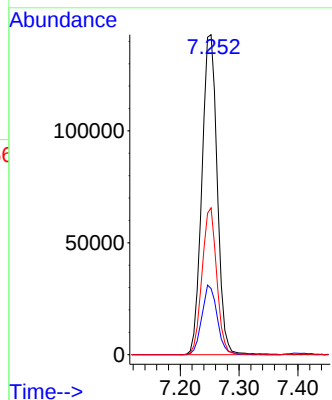
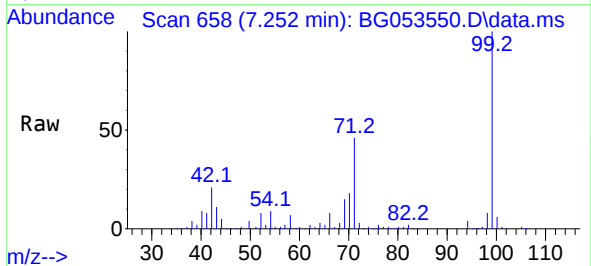
#7
Phenol-d6
Concen: 119.232 ng
RT: 7.252 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45

Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 25861
Ion Ratio Lower Upper
99 100
42 20.7 17.0 25.6
71 45.9 33.8 50.8

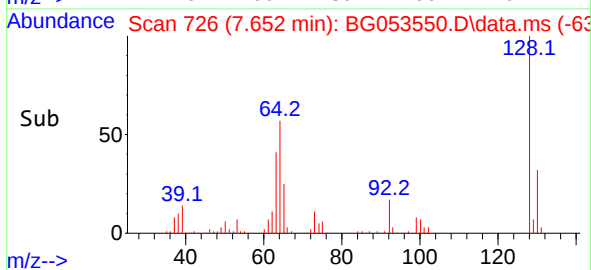
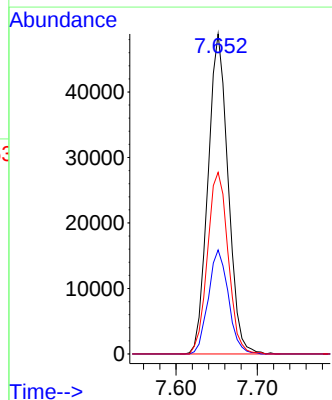
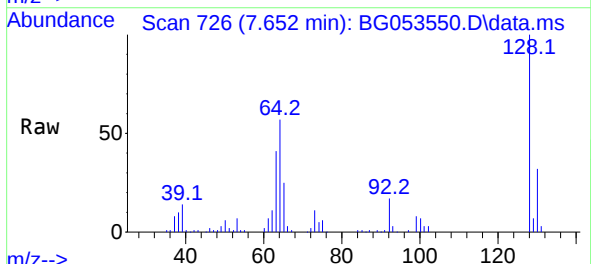
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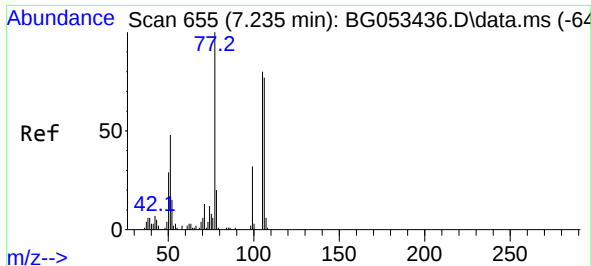
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#8
2-Chlorophenol
Concen: 56.114 ng
RT: 7.652 min Scan# 726
Delta R.T. -0.003 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45

Tgt Ion:128 Resp: 83838
Ion Ratio Lower Upper
128 100
130 32.5 10.5 50.5
64 56.7 35.1 75.1





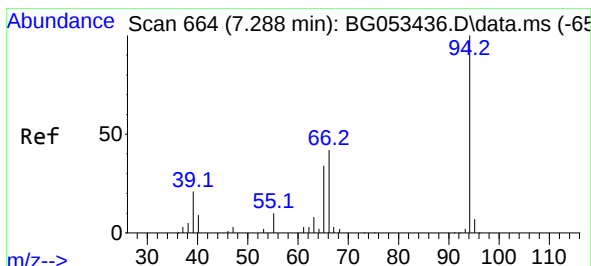
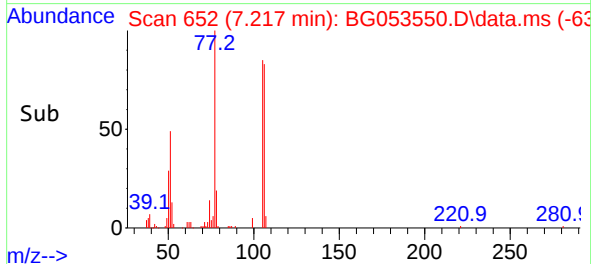
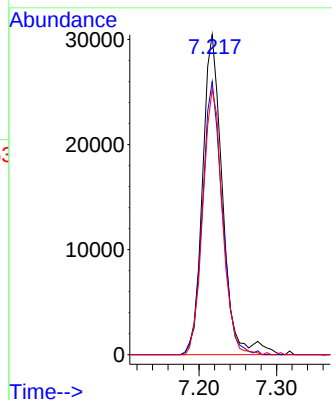
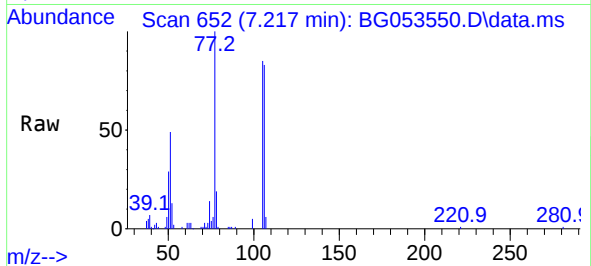
#9
Benzaldehyde
Concen: 39.351 ng m
RT: 7.217 min Scan# 611
Delta R.T. -0.009 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45

Instrument :
BNA_G
ClientSampleId :
SB16MS

Tgt Ion: 77 Resp: 5422
Ion Ratio Lower Upper
77 100
105 85.3 59.6 99.6
106 83.0 56.8 96.8

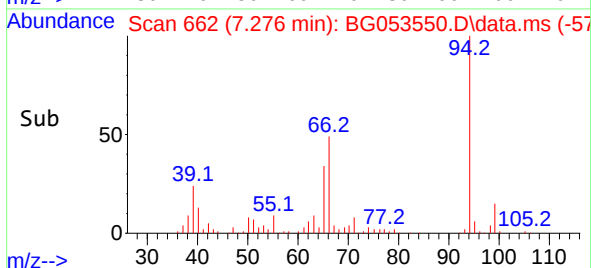
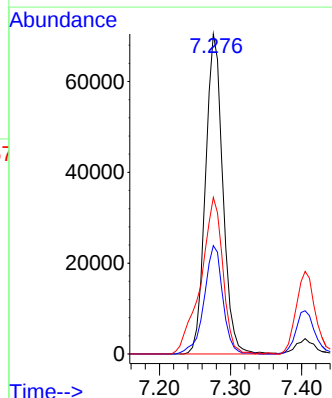
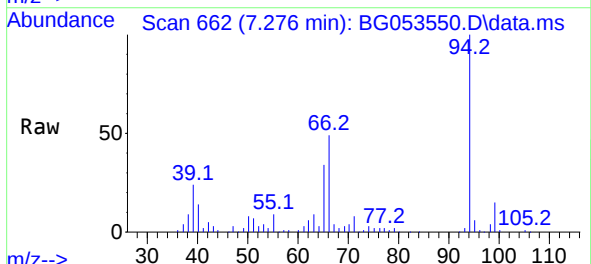
Manual Integrations
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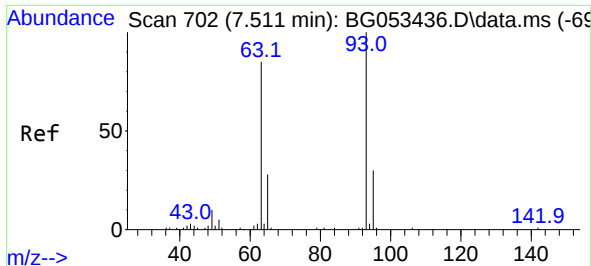
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#10
Phenol
Concen: 56.382 ng
RT: 7.276 min Scan# 662
Delta R.T. -0.003 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45

Tgt Ion: 94 Resp: 119606
Ion Ratio Lower Upper
94 100
65 33.9 14.8 54.8
66 48.9 25.2 65.2





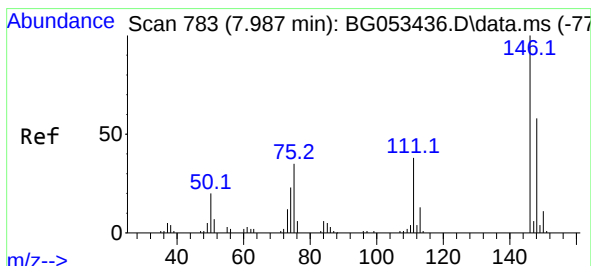
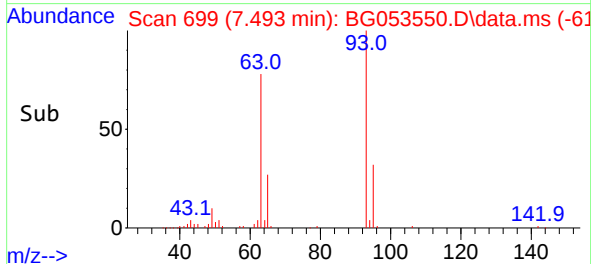
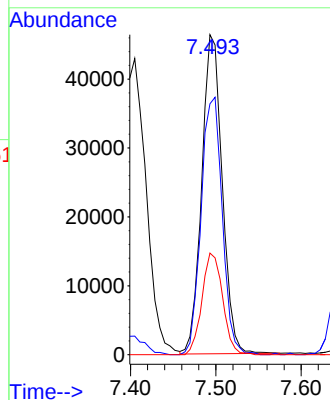
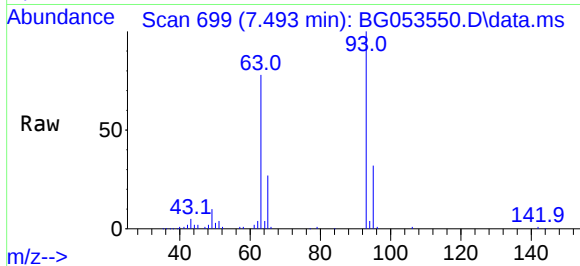
#11
bis(2-Chloroethyl)ether
Concen: 48.799 ng
RT: 7.493 min Scan# 699
Delta R.T. -0.009 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45

Instrument :
BNA_G
ClientSampleId :
SB16MS

Tgt Ion: 93 Resp: 77200
Ion Ratio Lower Upper
93 100
63 78.4 63.6 103.6
95 31.7 10.1 50.1

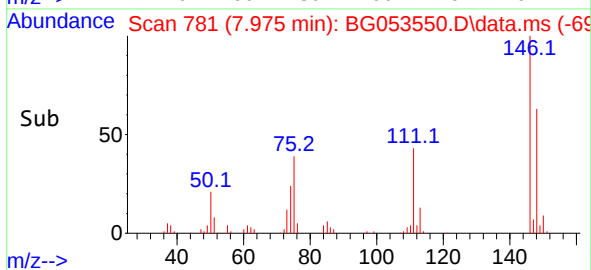
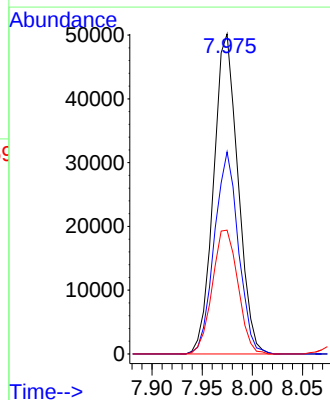
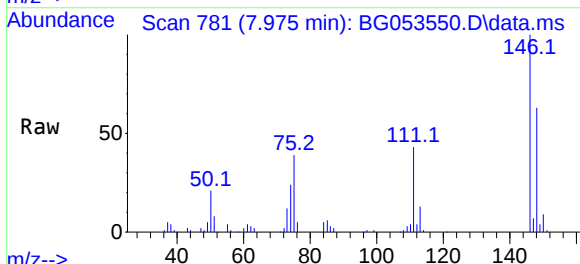
Manual Integrations
APPROVED

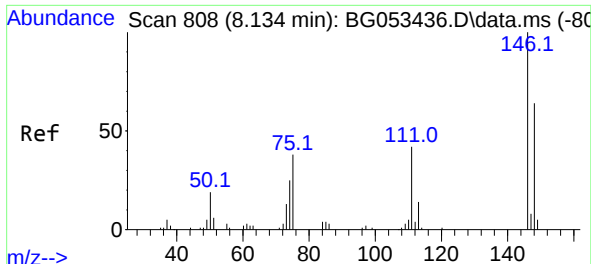
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#12
1,3-Dichlorobenzene
Concen: 48.095 ng
RT: 7.975 min Scan# 781
Delta R.T. -0.003 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45

Tgt Ion:146 Resp: 84771
Ion Ratio Lower Upper
146 100
148 63.2 46.1 69.1
75 38.7 27.6 41.4





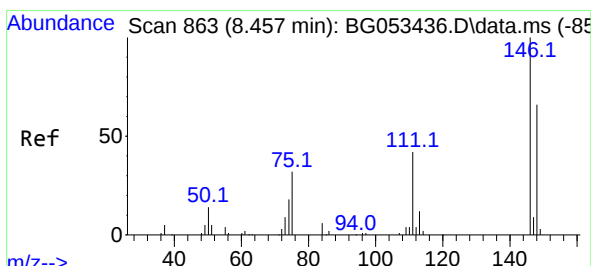
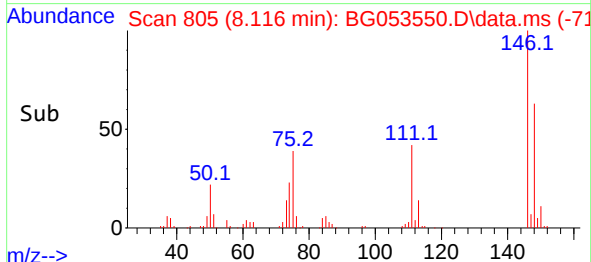
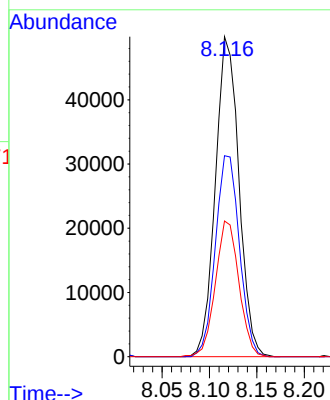
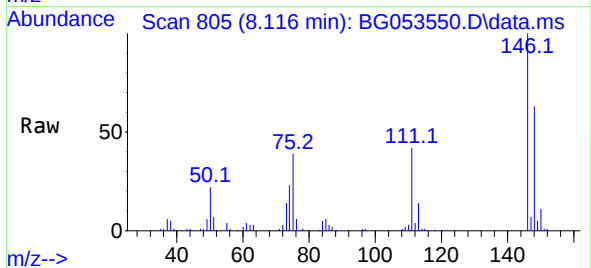
#13
1,4-Dichlorobenzene
Concen: 48.398 ng
RT: 8.116 min Scan# 808
Delta R.T. -0.009 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45

Instrument :
BNA_G
ClientSampleId :
SB16MS

Tgt Ion:146 Resp: 8608
Ion Ratio Lower Upper
146 100
148 62.8 51.5 77.3
111 42.4 33.9 50.9

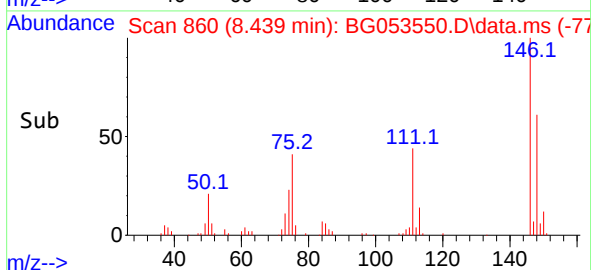
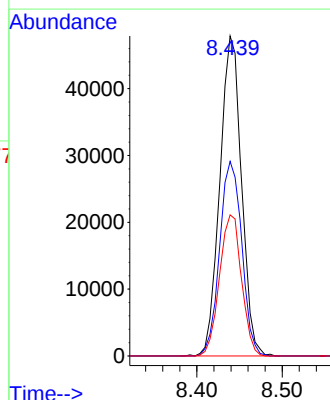
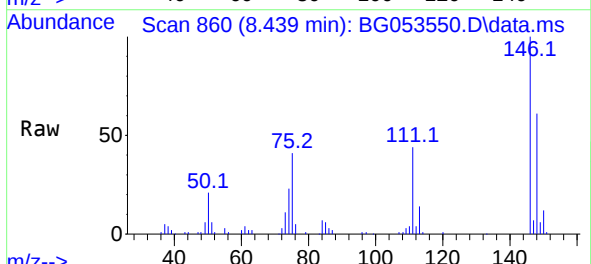
Manual Integrations
APPROVED

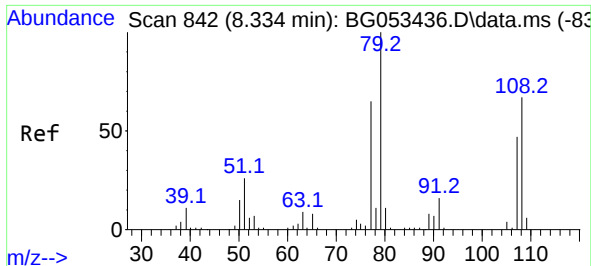
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#14
1,2-Dichlorobenzene
Concen: 50.462 ng
RT: 8.439 min Scan# 860
Delta R.T. -0.003 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45

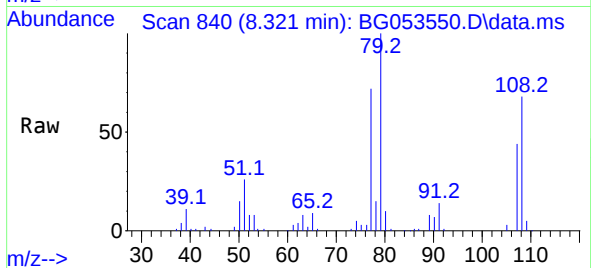
Tgt Ion:146 Resp: 84281
Ion Ratio Lower Upper
146 100
148 60.8 52.6 78.8
111 44.1 34.5 51.7





#15
Benzyl Alcohol
Concen: 54.009 ng
RT: 8.321 min Scan# 842
Delta R.T. -0.003 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45

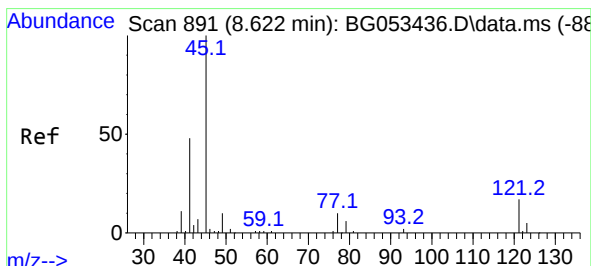
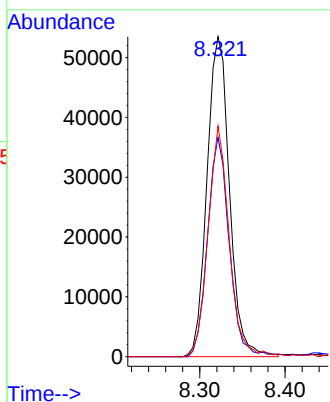
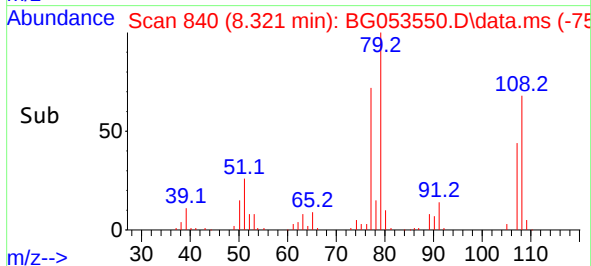
Instrument :
BNA_G
ClientSampleId :
SB16MS



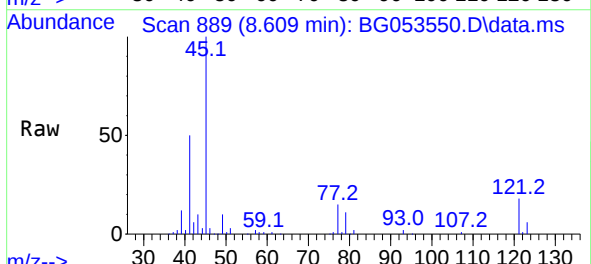
Tgt Ion: 79 Resp: 97938
Ion Ratio Lower Upper
79 100
108 68.5 53.7 80.5
77 72.0 52.2 78.4

Manual Integrations
APPROVED

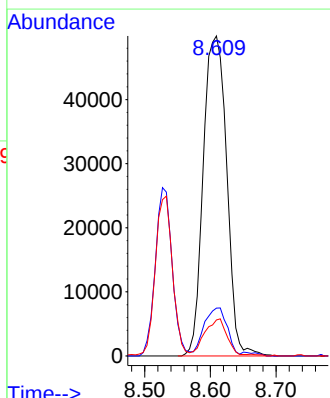
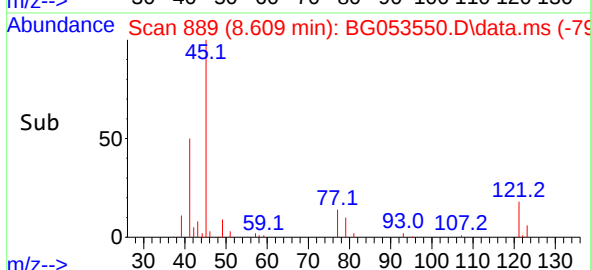
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

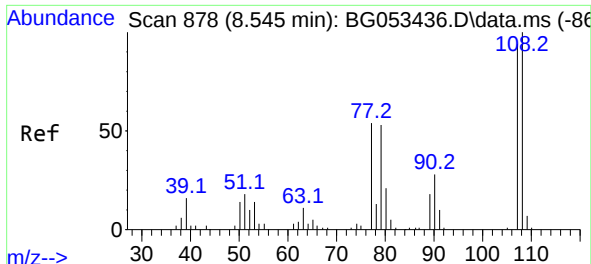


#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.155 ng
RT: 8.609 min Scan# 889
Delta R.T. -0.003 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45



Tgt Ion: 45 Resp: 123999
Ion Ratio Lower Upper
45 100
77 14.9 0.0 32.7
79 11.3 0.0 29.7





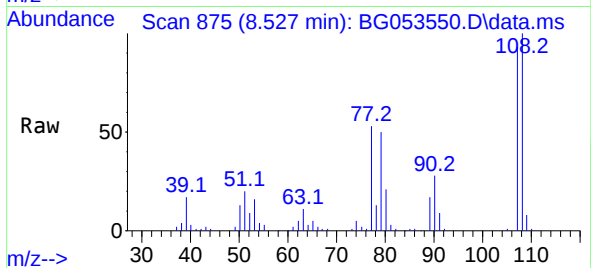
#17
2-Methylphenol
Concen: 54.836 ng
RT: 8.527 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45

Instrument :

BNA_G

ClientSampleId :

SB16MS



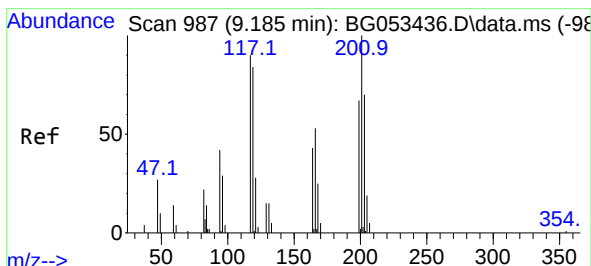
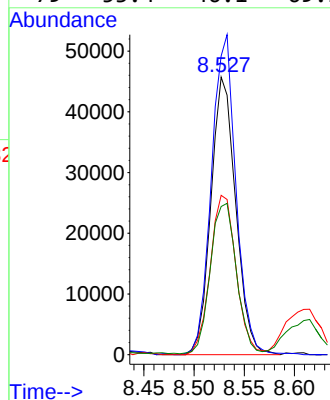
Tgt Ion:107 Resp: 7862

Ion	Ratio	Lower	Upper
107	100		
108	107.6	85.4	128.0
77	57.4	46.2	69.2
79	53.4	46.1	69.1

Manual Integrations

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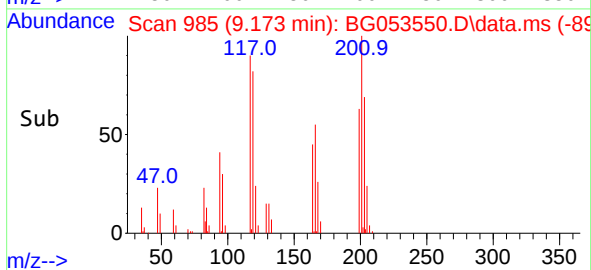
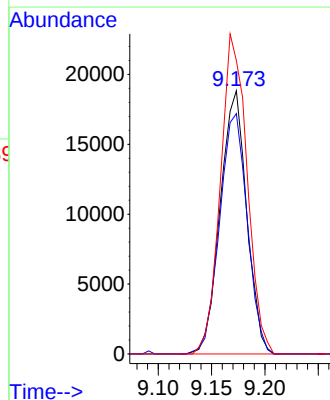
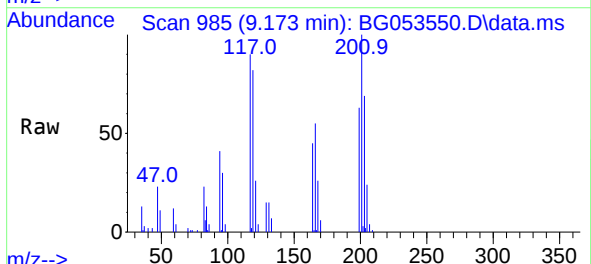
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

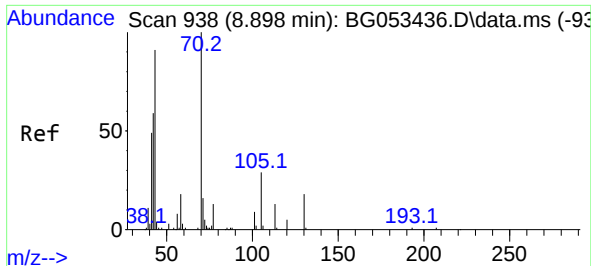


#18
Hexachloroethane
Concen: 48.103 ng
RT: 9.173 min Scan# 985
Delta R.T. -0.003 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45

Tgt Ion:117 Resp: 32490

Ion	Ratio	Lower	Upper
117	100		
119	91.3	75.0	112.6
201	111.5	89.0	133.6





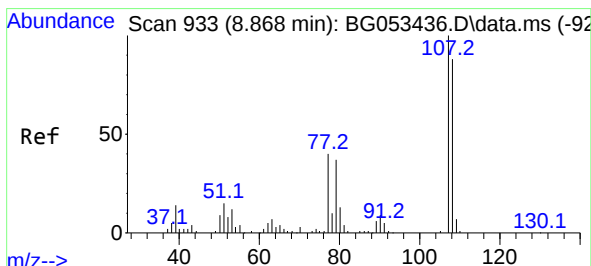
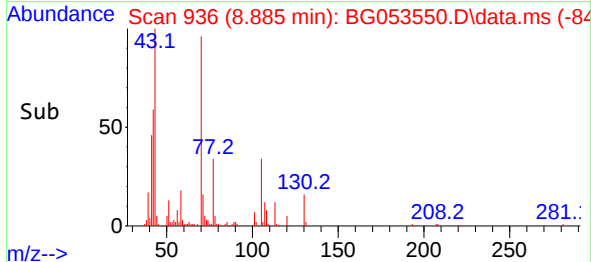
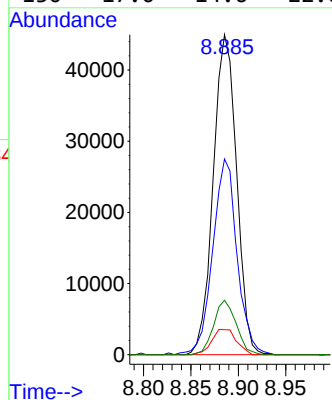
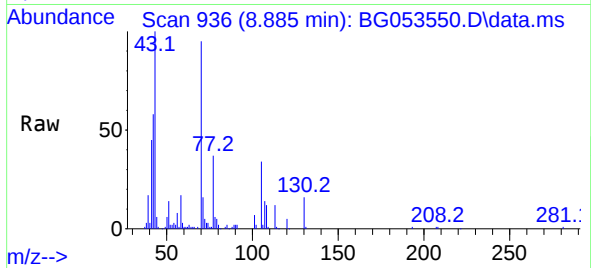
#19
n-Nitroso-di-n-propylamine
Concen: 49.604 ng
RT: 8.885 min Scan# 91
Delta R.T. -0.003 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45

Instrument :
BNA_G
ClientSampleId :
SB16MS

Tgt Ion: 70 Resp: 7719
Ion Ratio Lower Upper
70 100
42 61.2 47.3 70.9
101 7.8 7.0 10.4
130 17.0 14.6 22.0

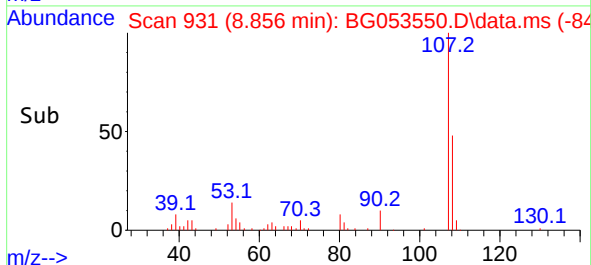
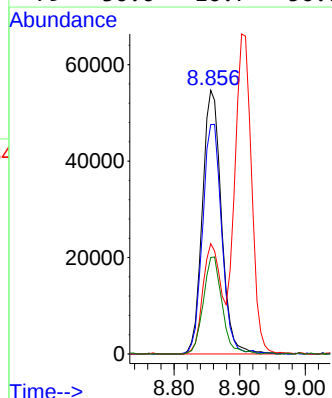
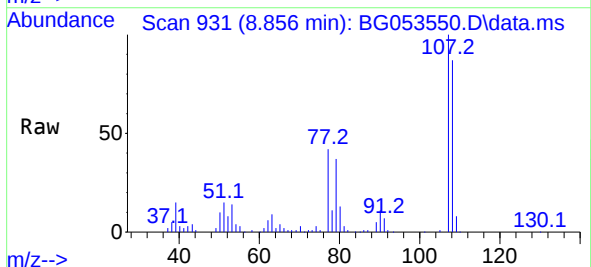
Manual Integrations
APPROVED

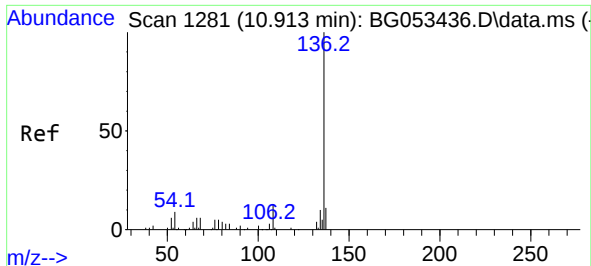
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#20
3+4-Methylphenols
Concen: 54.422 ng
RT: 8.856 min Scan# 931
Delta R.T. -0.003 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45

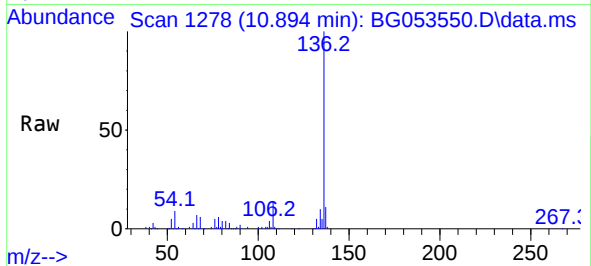
Tgt Ion:107 Resp: 110203
Ion Ratio Lower Upper
107 100
108 87.0 67.5 107.5
77 41.8 20.3 60.3
79 36.6 16.7 56.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.894 min Scan# 10
Delta R.T. -0.003 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45

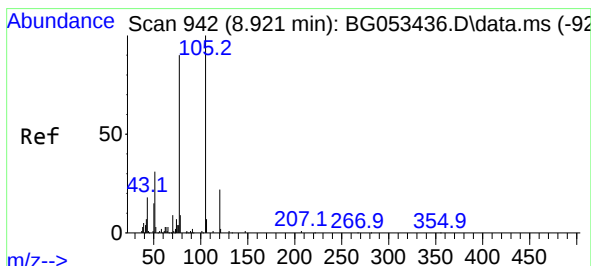
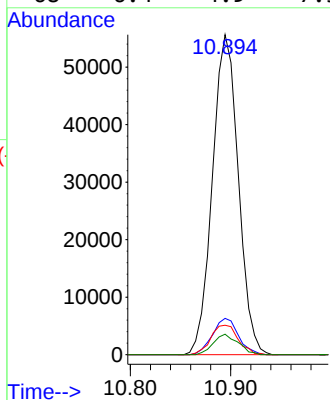
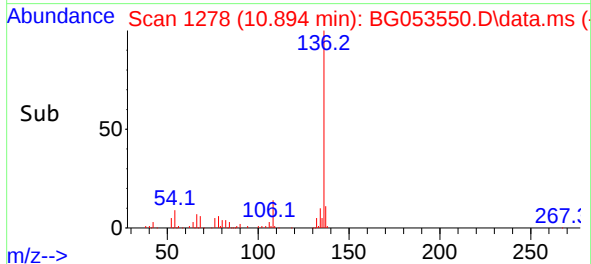
Instrument :
BNA_G
ClientSampleId :
SB16MS



Tgt Ion:136 Resp: 9968
Ion Ratio Lower Upper
136 100
137 11.3 8.5 12.7
54 9.2 7.4 11.2
68 6.4 4.9 7.3

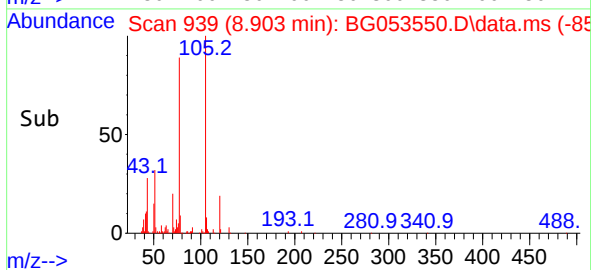
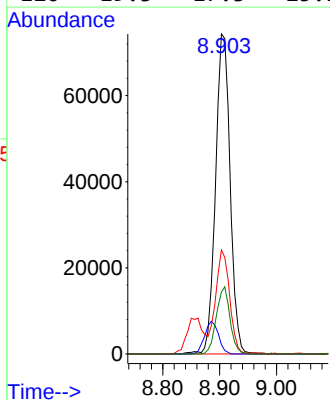
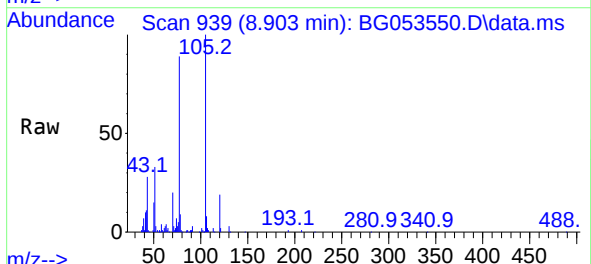
Manual Integrations
APPROVED

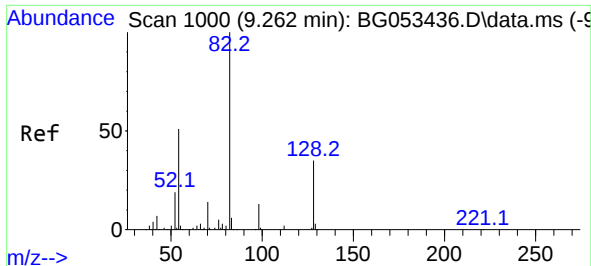
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#22
Acetophenone
Concen: 48.681 ng
RT: 8.903 min Scan# 939
Delta R.T. -0.009 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45

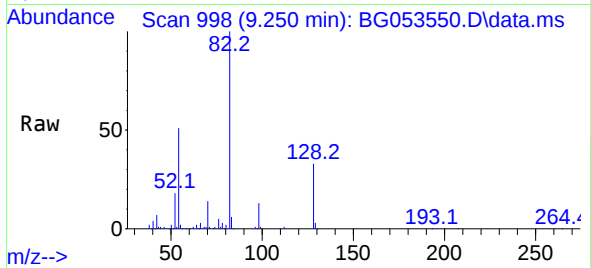
Tgt Ion:105 Resp: 132818
Ion Ratio Lower Upper
105 100
71 3.0 1.1 1.7#
51 32.5 25.4 38.0
120 19.3 17.3 25.9





#23
Nitrobenzene-d5
Concen: 76.022 ng
RT: 9.250 min Scan# 91
Delta R.T. -0.003 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45

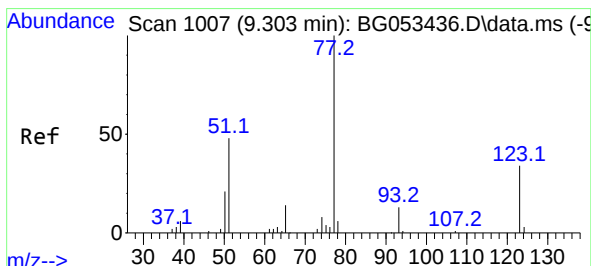
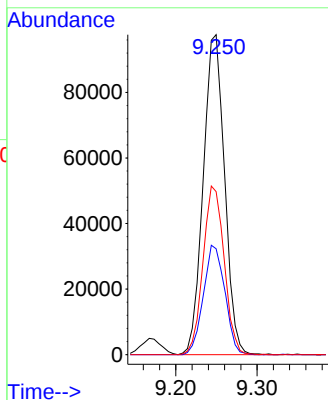
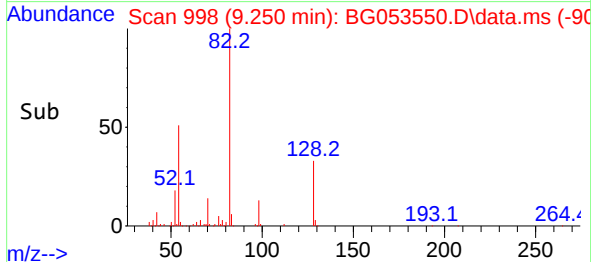
Instrument :
BNA_G
ClientSampleId :
SB16MS



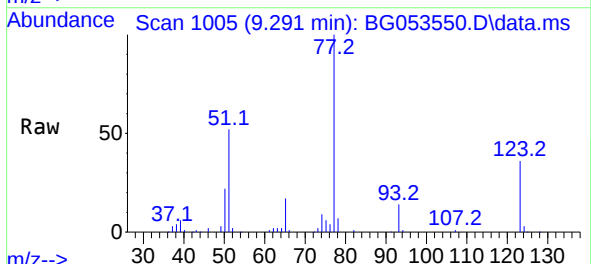
Tgt Ion: 82 Resp: 17803
Ion Ratio Lower Upper
82 100
128 33.1 27.9 41.9
54 50.9 41.2 61.8

Manual Integrations
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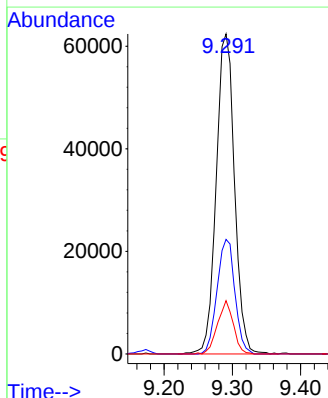
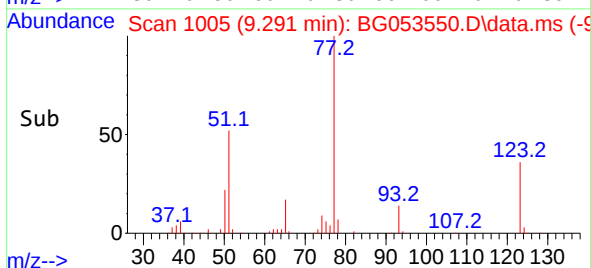
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

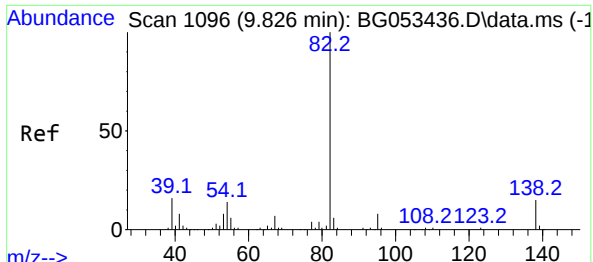


#24
Nitrobenzene
Concen: 51.310 ng
RT: 9.291 min Scan# 1005
Delta R.T. -0.003 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45



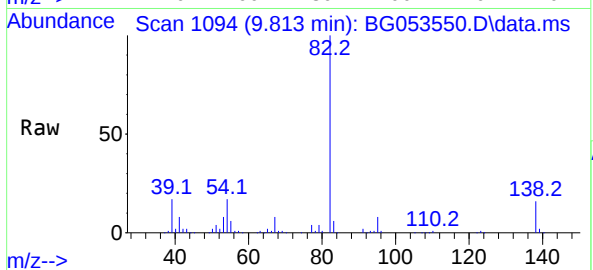
Tgt Ion: 77 Resp: 116300
Ion Ratio Lower Upper
77 100
123 35.8 27.4 41.0
65 16.6 11.4 17.0





#25
Isophorone
Concen: 54.431 ng
RT: 9.813 min Scan# 1094
Delta R.T. -0.003 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45

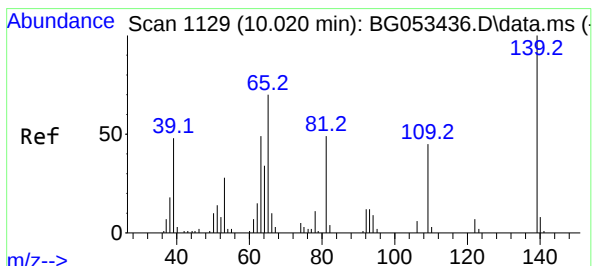
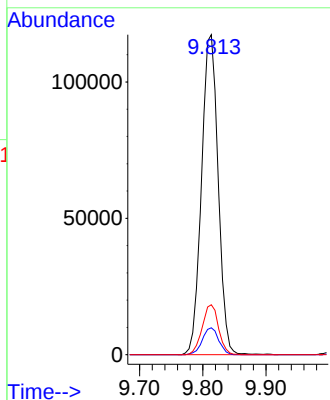
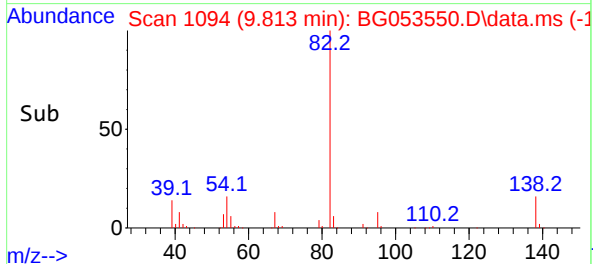
Instrument :
BNA_G
ClientSampleId :
SB16MS



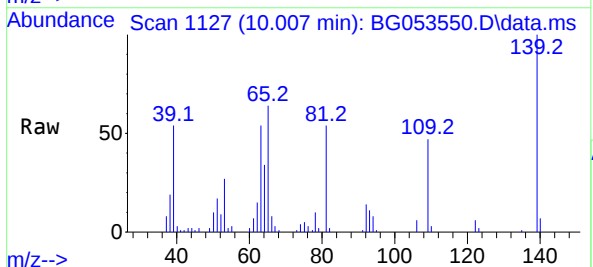
Tgt Ion: 82 Resp: 21452
Ion Ratio Lower Upper
82 100
95 8.4 6.2 9.4
138 15.6 11.6 17.4

Manual Integrations
APPROVED

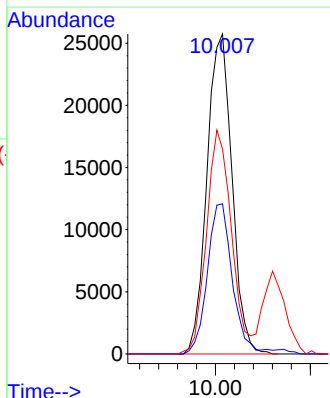
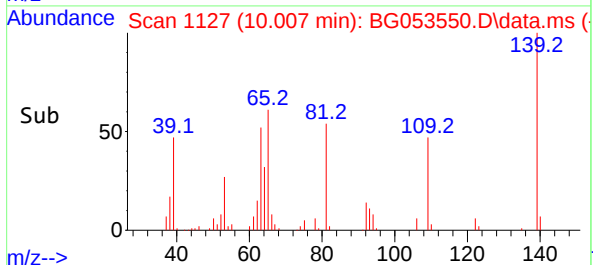
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#26
2-Nitrophenol
Concen: 51.476 ng
RT: 10.007 min Scan# 1127
Delta R.T. -0.003 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45



Tgt Ion:139 Resp: 47256
Ion Ratio Lower Upper
139 100
109 46.9 36.1 54.1
65 64.0 55.8 83.6





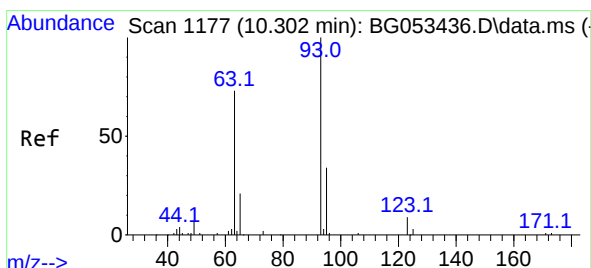
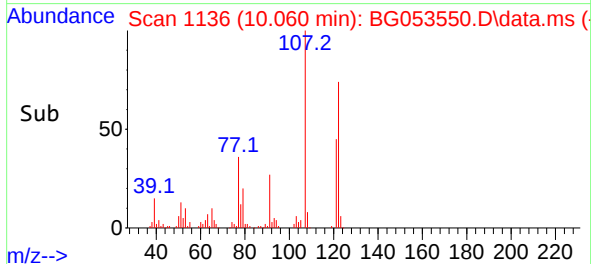
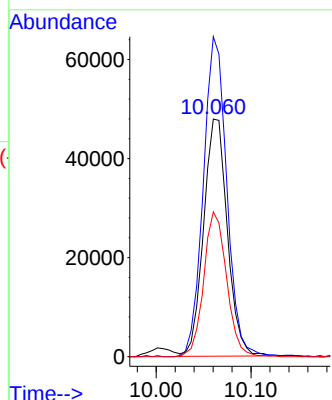
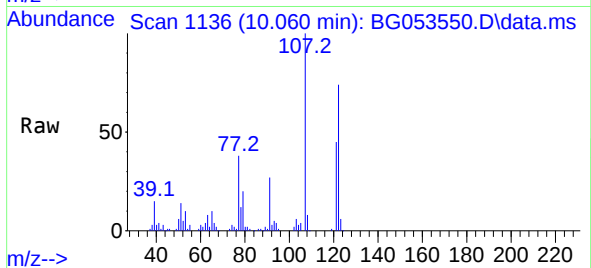
#27
2,4-Dimethylphenol
Concen: 60.418 ng
RT: 10.060 min Scan# 1138
Delta R.T. -0.003 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45

Instrument :
BNA_G
ClientSampleId :
SB16MS

Tgt Ion:122 Resp: 8347
Ion Ratio Lower Upper
122 100
107 134.7 109.4 164.0
121 61.0 48.7 73.1

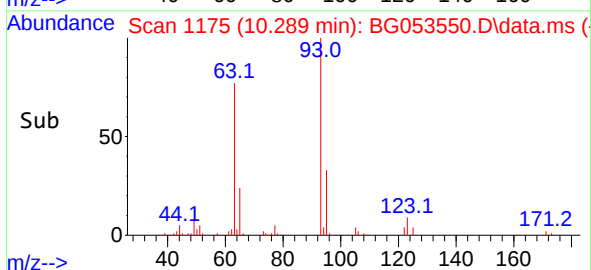
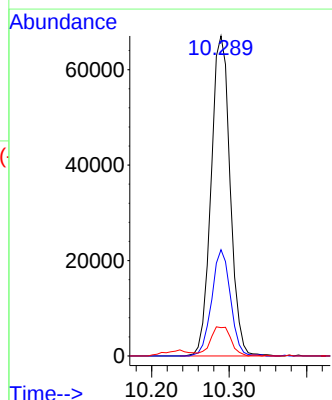
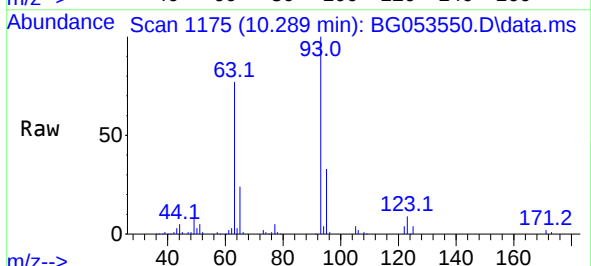
Manual Integrations
APPROVED

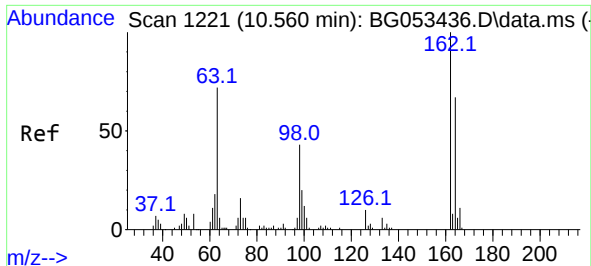
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#28
bis(2-Chloroethoxy)methane
Concen: 50.289 ng
RT: 10.289 min Scan# 1175
Delta R.T. -0.003 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45

Tgt Ion: 93 Resp: 113990
Ion Ratio Lower Upper
93 100
95 33.2 26.9 40.3
123 8.8 7.7 11.5





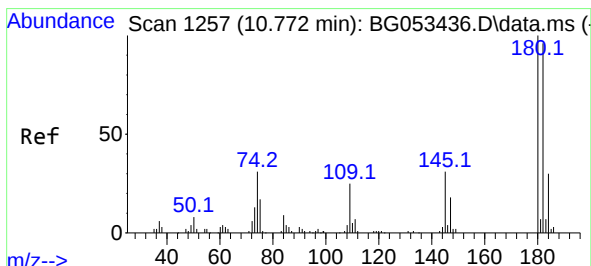
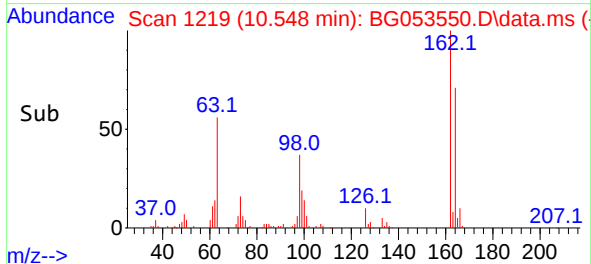
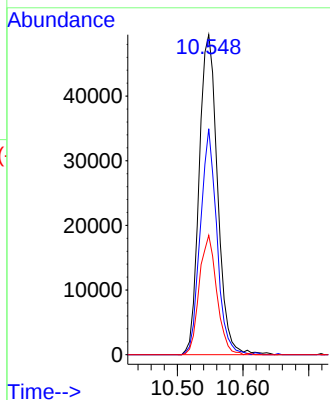
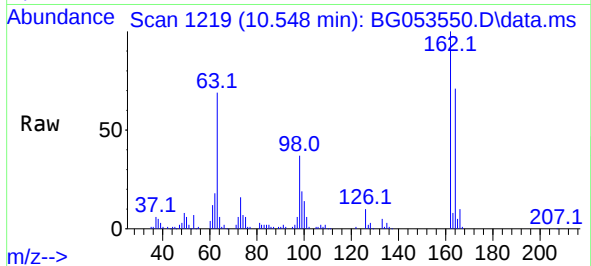
#29
2,4-Dichlorophenol
Concen: 57.840 ng
RT: 10.548 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45

Instrument :
BNA_G
ClientSampleId :
SB16MS

Tgt Ion:162 Resp: 9644
Ion Ratio Lower Upper
162 100
164 70.6 46.6 86.6
98 37.3 22.8 62.8

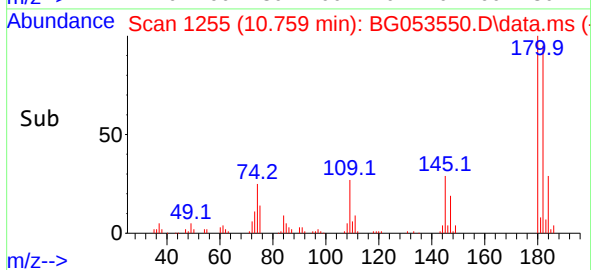
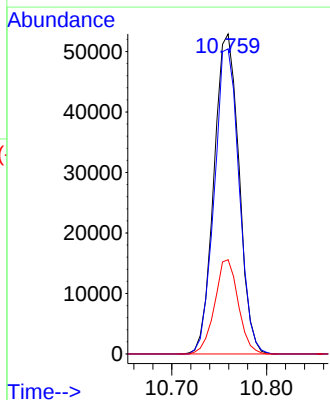
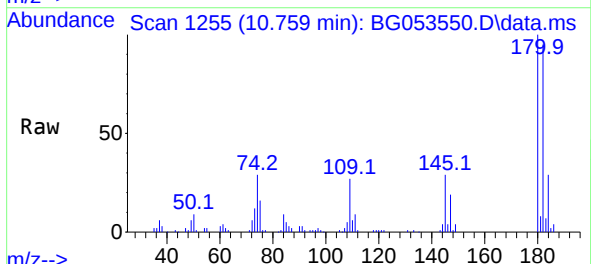
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#30
1,2,4-Trichlorobenzene
Concen: 51.071 ng
RT: 10.759 min Scan# 1255
Delta R.T. -0.003 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45

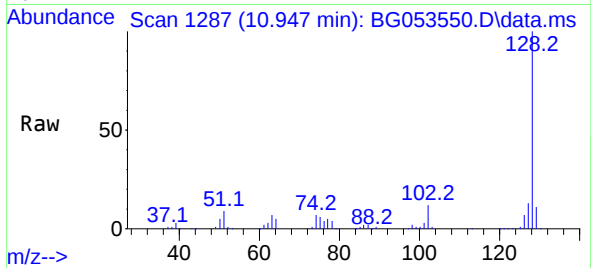
Tgt Ion:180 Resp: 96753
Ion Ratio Lower Upper
180 100
182 95.4 76.6 115.0
145 29.5 25.0 37.4





#31
Naphthalene
Concen: 50.829 ng
RT: 10.947 min Scan# 1167
Delta R.T. -0.003 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45

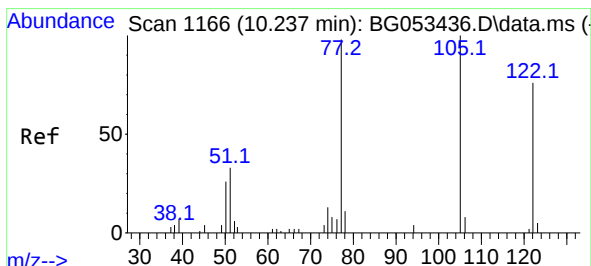
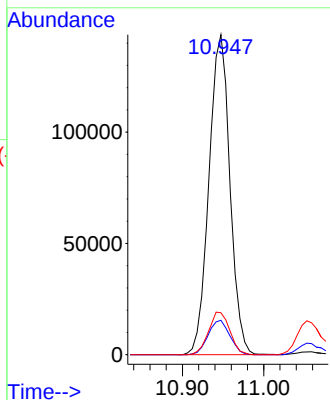
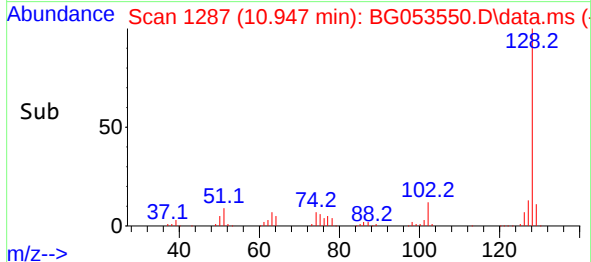
Instrument :
BNA_G
ClientSampleId :
SB16MS



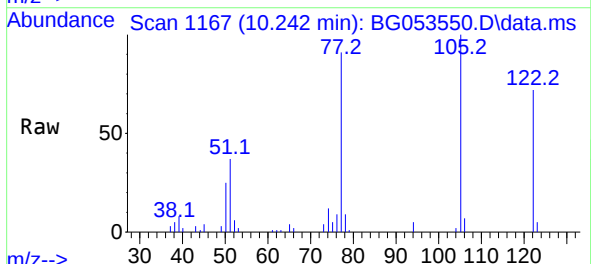
Tgt Ion:128 Resp: 257740
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.6
127 13.1 11.1 16.7

Manual Integrations
APPROVED

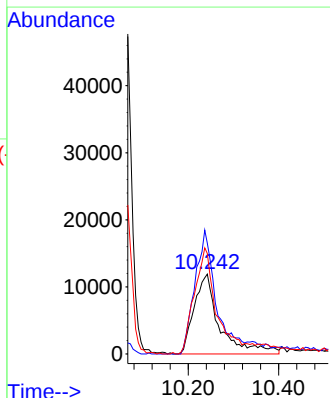
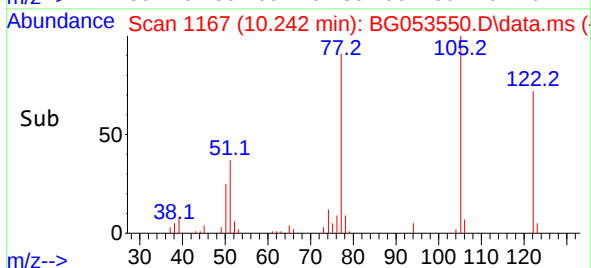
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

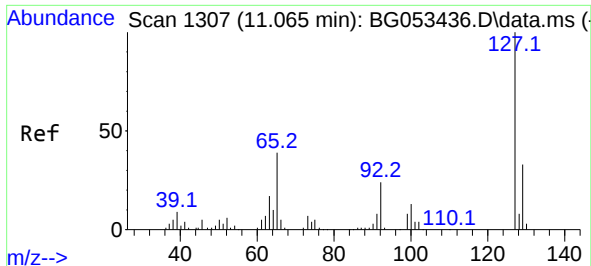


#32
Benzoic acid
Concen: 52.940 ng m
RT: 10.242 min Scan# 1167
Delta R.T. 0.003 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45



Tgt Ion:122 Resp: 46635
Ion Ratio Lower Upper
122 100
105 138.5 111.8 151.8
77 125.7 109.4 149.4





#33
4-Chloroaniline
Concen: 15.507 ng
RT: 11.053 min Scan# 11053
Delta R.T. -0.003 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45

Instrument :

BNA_G

ClientSampleId :

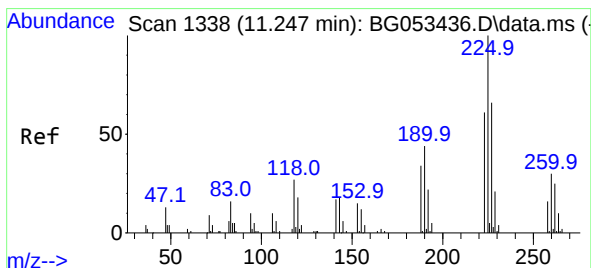
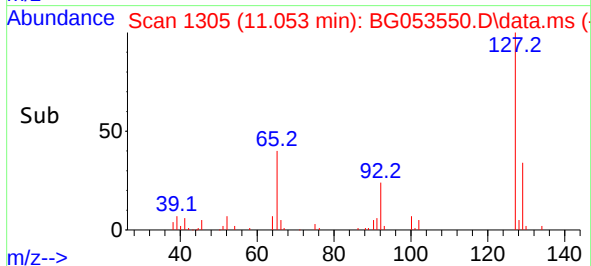
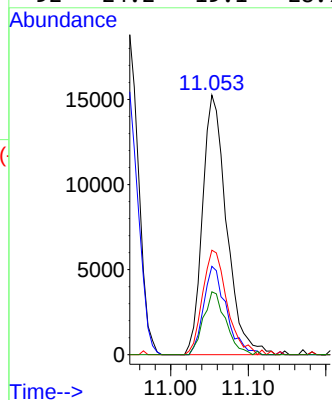
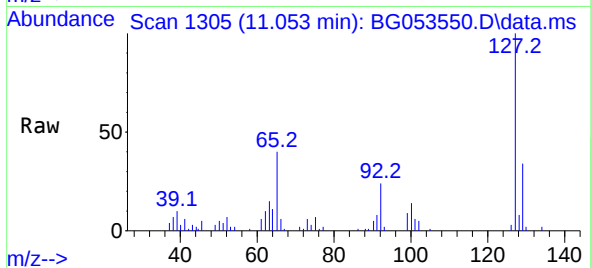
SB16MS

Tgt Ion:	127	Resp:	3293
Ion Ratio	Lower	Upper	
127	100		
129	34.1	26.3	39.5
65	40.3	31.1	46.7
92	24.2	19.1	28.7

Manual Integrations

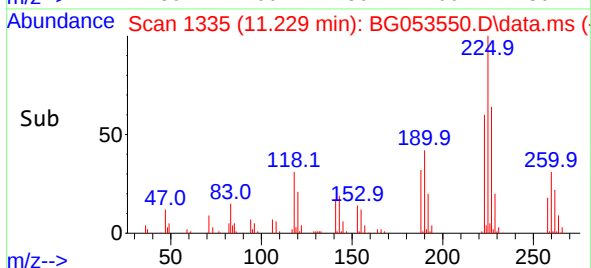
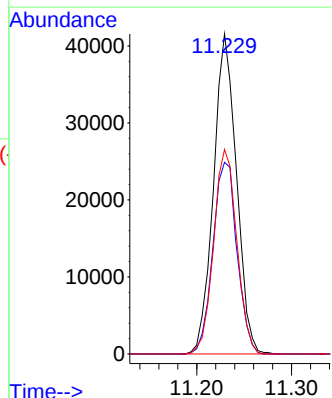
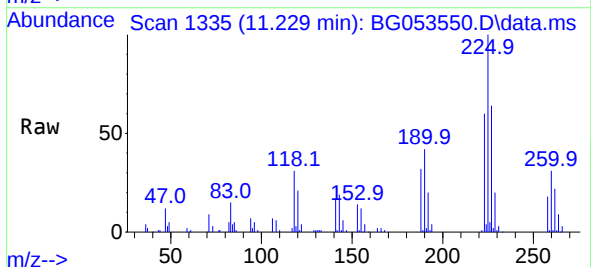
APPROVED

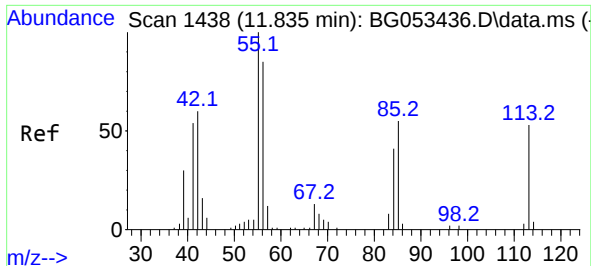
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#34
Hexachlorobutadiene
Concen: 49.765 ng
RT: 11.229 min Scan# 1335
Delta R.T. -0.009 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45

Tgt Ion:	225	Resp:	69910
Ion Ratio	Lower	Upper	
225	100		
223	59.9	48.9	73.3
227	63.9	52.8	79.2





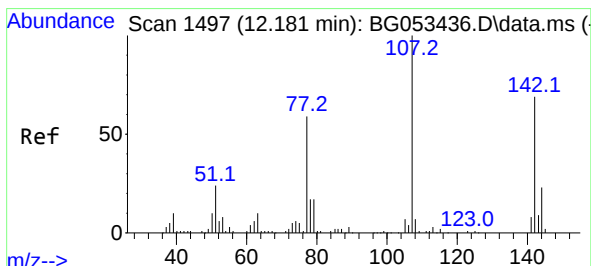
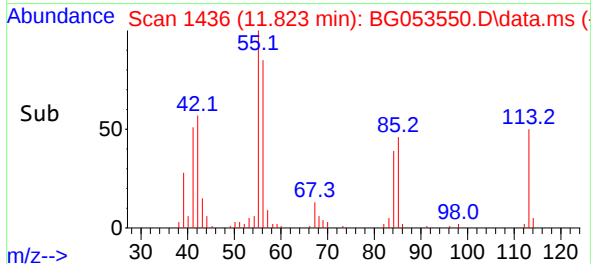
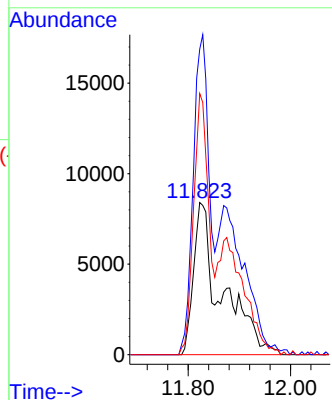
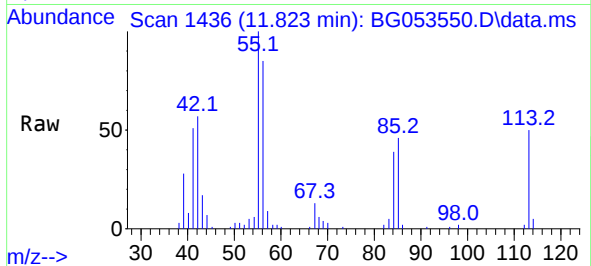
#35
Caprolactam
Concen: 52.810 ng m
RT: 11.823 min Scan# 1438
Delta R.T. -0.009 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45

Instrument :
BNA_G
ClientSampleId :
SB16MS

Tgt Ion:113 Resp: 31998
Ion Ratio Lower Upper
113 100
55 200.8 169.8 209.8
56 171.6 141.2 181.2

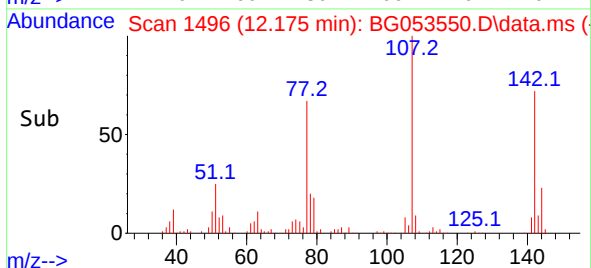
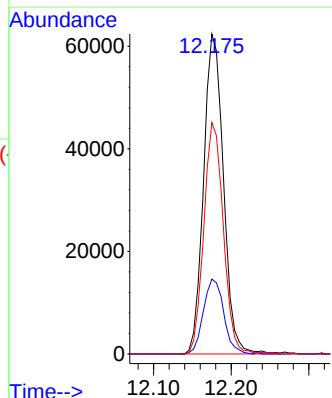
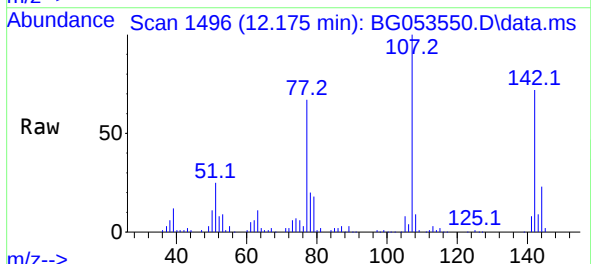
Manual Integrations
APPROVED

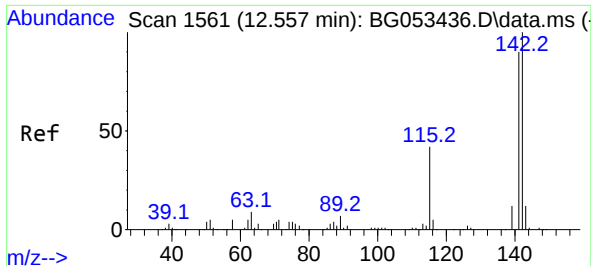
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#36
4-Chloro-3-methylphenol
Concen: 55.636 ng
RT: 12.175 min Scan# 1496
Delta R.T. -0.003 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45

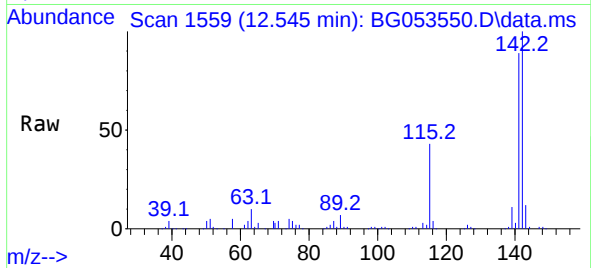
Tgt Ion:107 Resp: 110967
Ion Ratio Lower Upper
107 100
144 23.4 18.5 27.7
142 72.3 55.0 82.4





#37
2-Methylnaphthalene
Concen: 50.633 ng
RT: 12.545 min Scan# 1559
Delta R.T. -0.003 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45

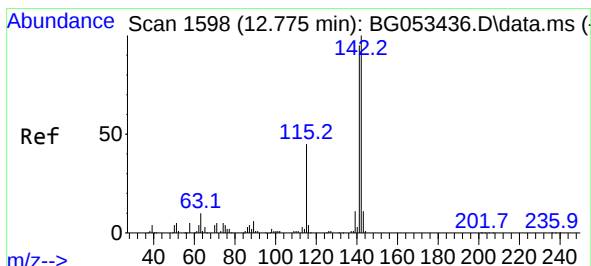
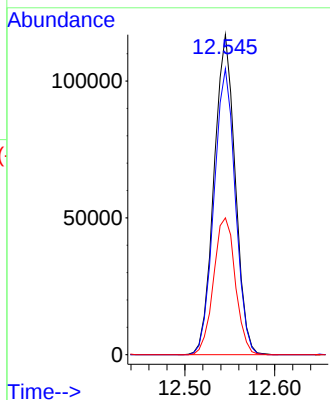
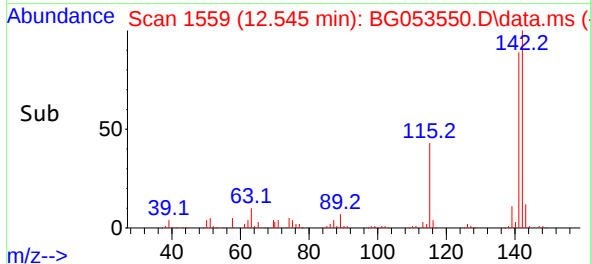
Instrument :
BNA_G
ClientSampleId :
SB16MS



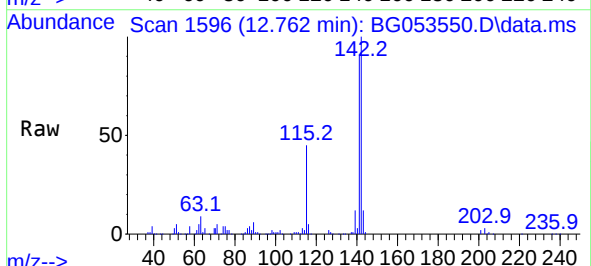
Tgt Ion:142 Resp: 191610
Ion Ratio Lower Upper
142 100
141 89.4 72.3 108.5
115 42.7 33.7 50.5

Manual Integrations
APPROVED

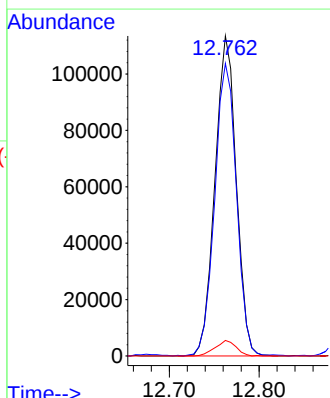
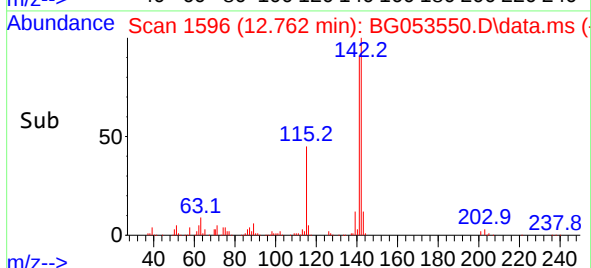
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

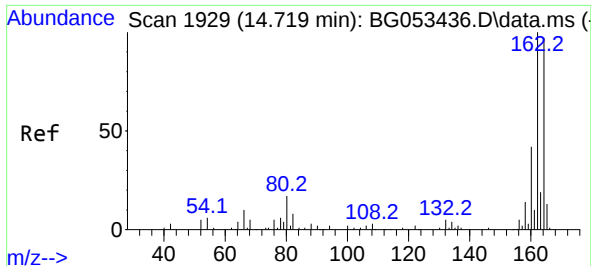


#38
1-Methylnaphthalene
Concen: 50.573 ng
RT: 12.762 min Scan# 1596
Delta R.T. -0.003 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45



Tgt Ion:142 Resp: 186724
Ion Ratio Lower Upper
142 100
141 91.4 76.4 114.6
116 4.8 3.3 4.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.713 min Scan# 1929
Delta R.T. -0.003 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45

Instrument :

BNA_G

ClientSampleId :

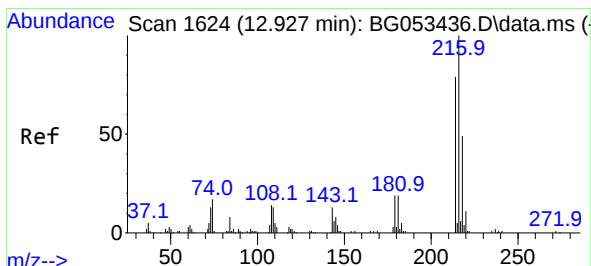
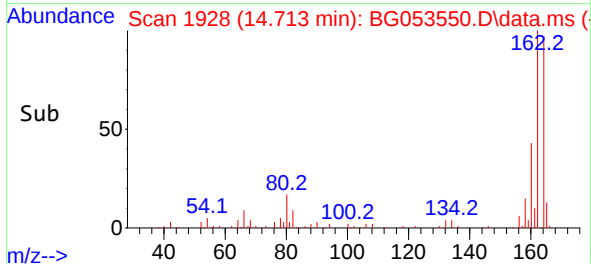
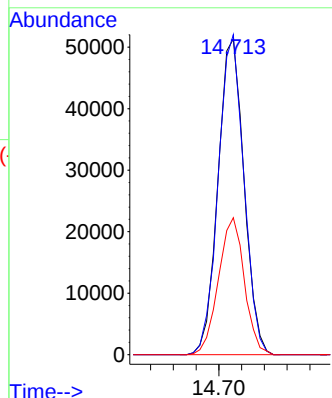
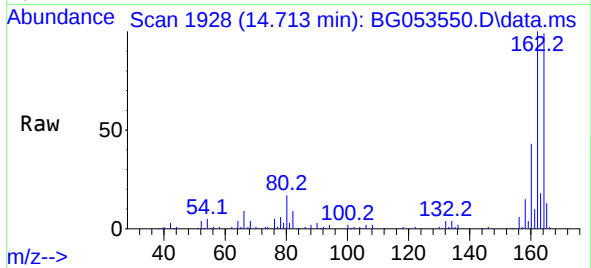
SB16MS

Tgt Ion:164 Resp: 81598
Ion Ratio Lower Upper
164 100
162 101.4 82.3 123.5
160 43.4 34.2 51.2

Manual Integrations

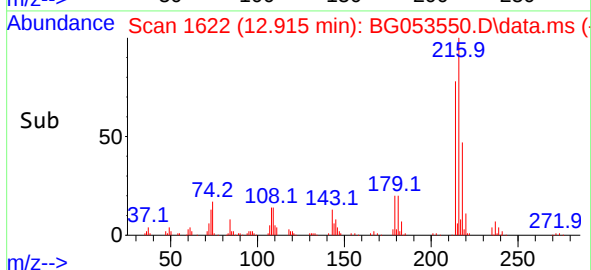
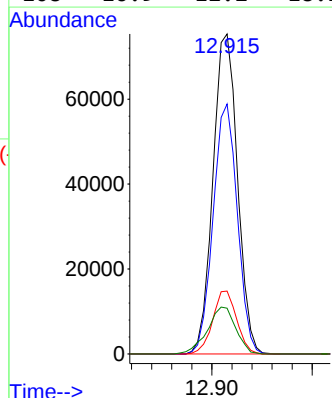
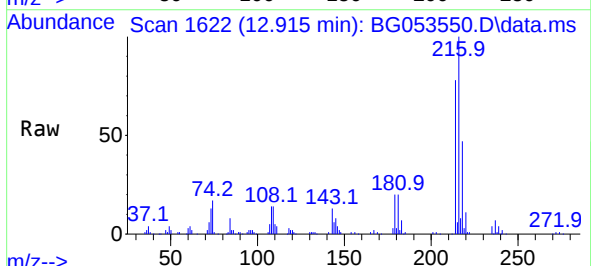
APPROVED

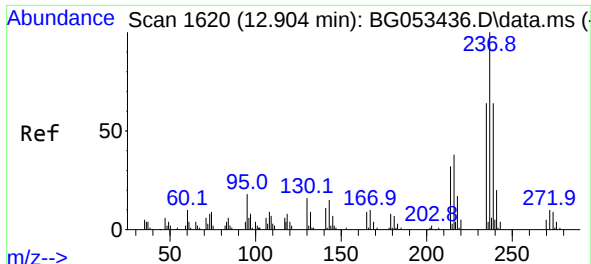
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.742 ng
RT: 12.915 min Scan# 1622
Delta R.T. -0.003 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45

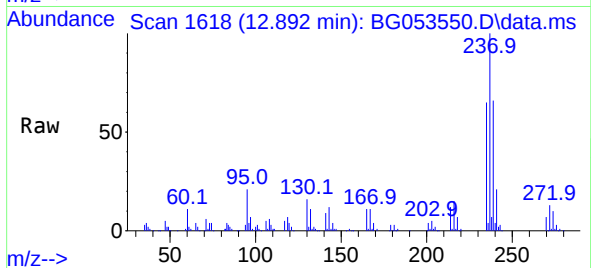
Tgt Ion:216 Resp: 127939
Ion Ratio Lower Upper
216 100
214 77.1 62.9 94.3
179 19.2 16.1 24.1
108 16.9 12.2 18.2





#41
Hexachlorocyclopentadiene
Concen: 99.311 ng
RT: 12.892 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45

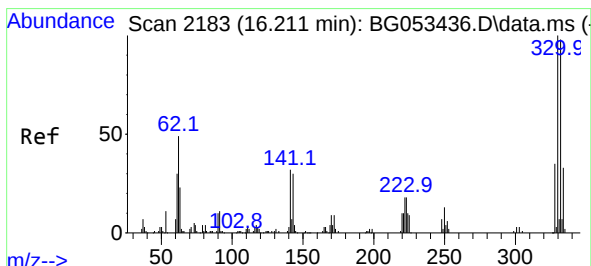
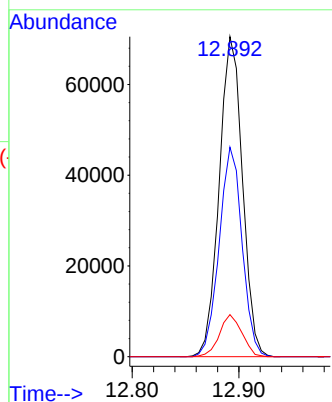
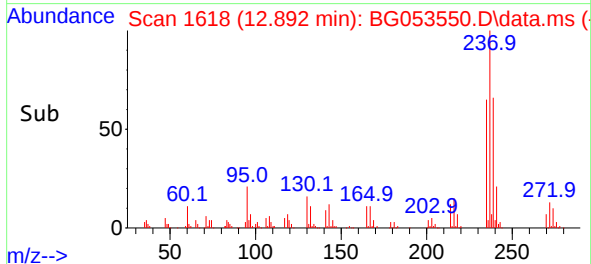
Instrument :
BNA_G
ClientSampleId :
SB16MS



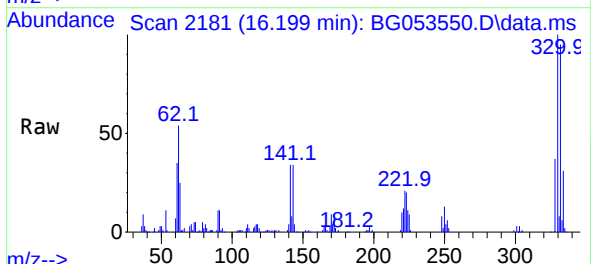
Tgt Ion:237 Resp: 10655
Ion Ratio Lower Upper
237 100
235 65.4 43.5 83.5
272 13.2 0.0 30.1

Manual Integrations
APPROVED

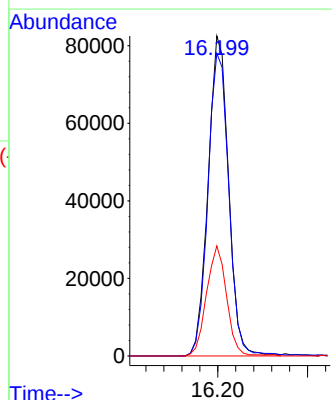
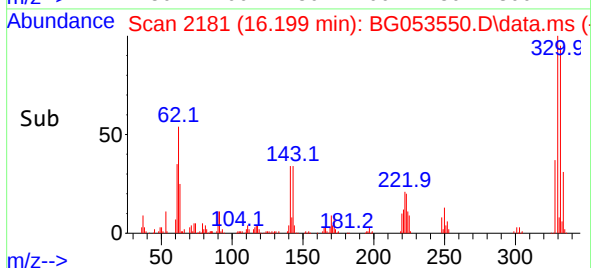
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

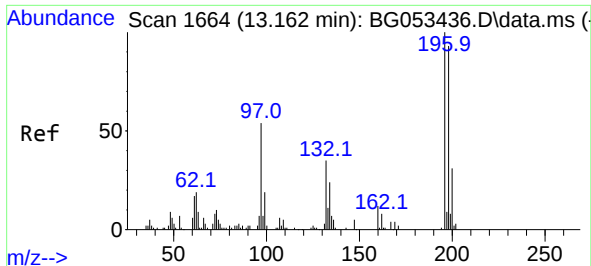


#42
2,4,6-Tribromophenol
Concen: 108.276 ng
RT: 16.199 min Scan# 2181
Delta R.T. -0.003 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45



Tgt Ion:330 Resp: 130307
Ion Ratio Lower Upper
330 100
332 96.5 76.0 114.0
141 33.8 27.1 40.7





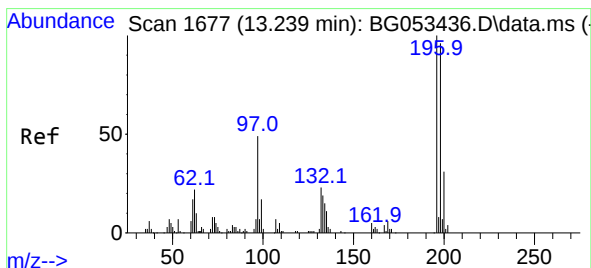
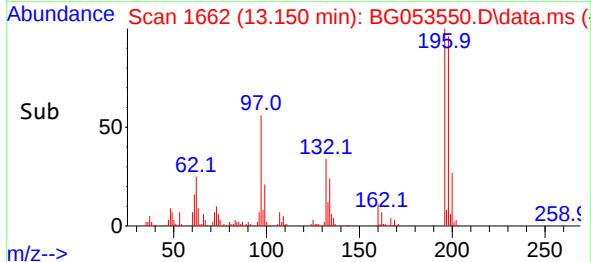
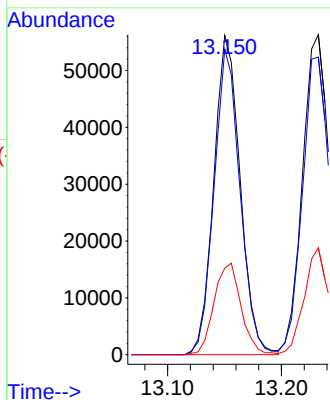
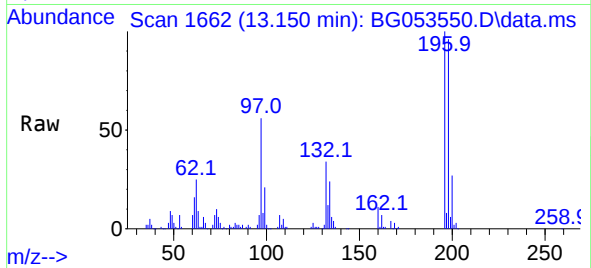
#43
2,4,6-Trichlorophenol
Concen: 53.839 ng
RT: 13.150 min Scan# 1662
Delta R.T. -0.003 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45

Instrument :
BNA_G
ClientSampleId :
SB16MS

Tgt Ion:196 Resp: 90392
Ion Ratio Lower Upper
196 100
198 95.7 74.1 111.1
200 27.1 24.7 37.1

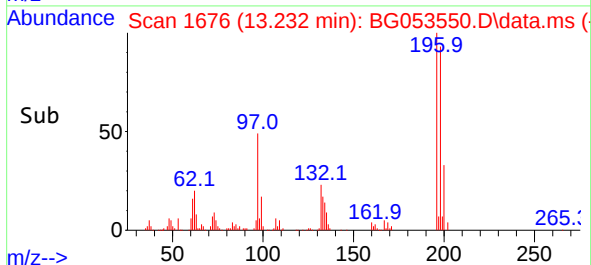
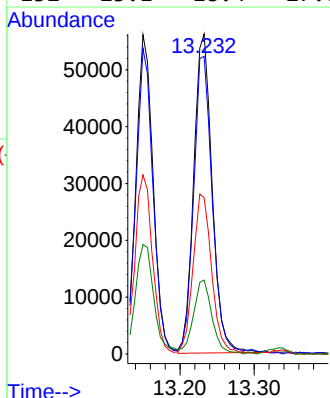
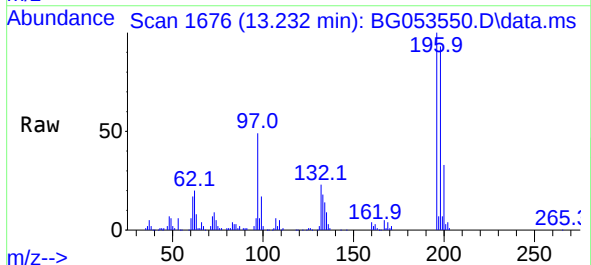
Manual Integrations
APPROVED

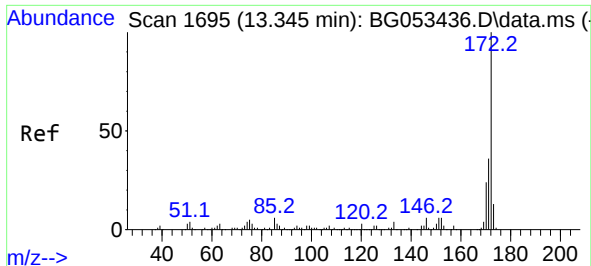
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#44
2,4,5-Trichlorophenol
Concen: 54.171 ng
RT: 13.232 min Scan# 1676
Delta R.T. -0.003 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45

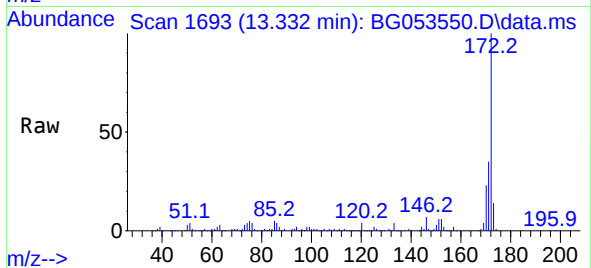
Tgt Ion:196 Resp: 96797
Ion Ratio Lower Upper
196 100
198 93.0 76.8 115.2
97 48.8 39.8 59.6
132 23.1 18.4 27.6





#45
2-Fluorobiphenyl
Concen: 68.211 ng
RT: 13.332 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45

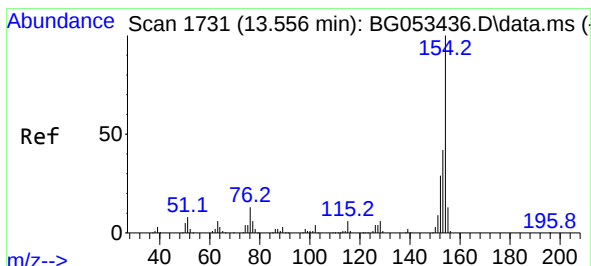
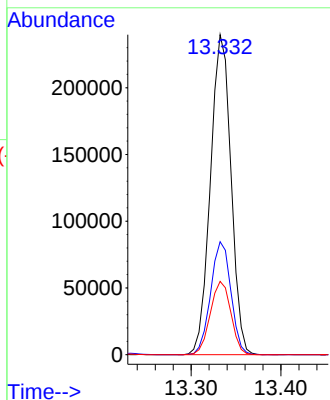
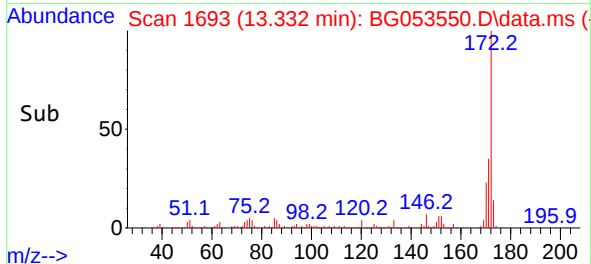
Instrument :
BNA_G
ClientSampleId :
SB16MS



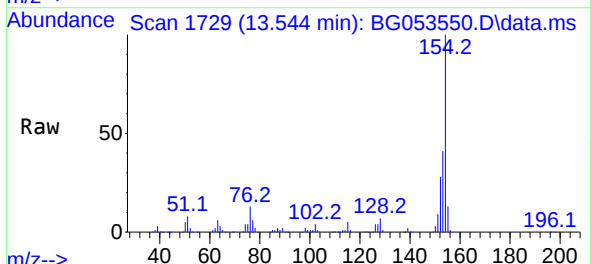
Tgt Ion:172 Resp: 38089
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 22.9 18.9 28.3

Manual Integrations
APPROVED

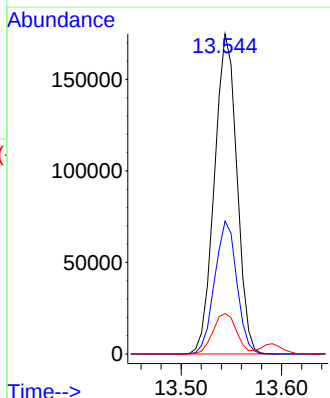
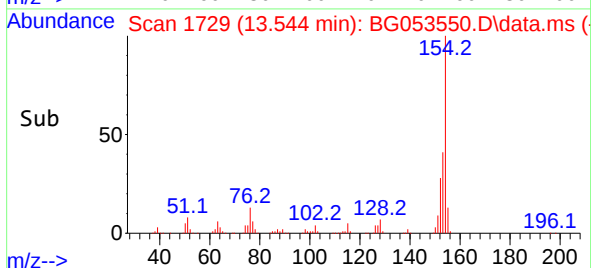
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

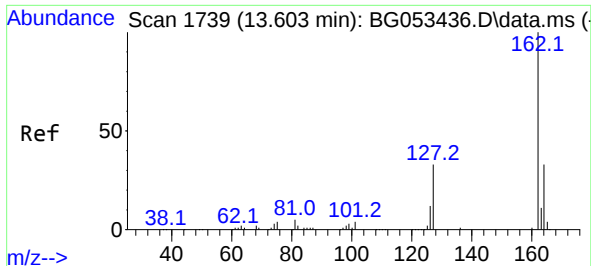


#46
1,1'-Biphenyl
Concen: 48.758 ng
RT: 13.544 min Scan# 1729
Delta R.T. -0.003 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45



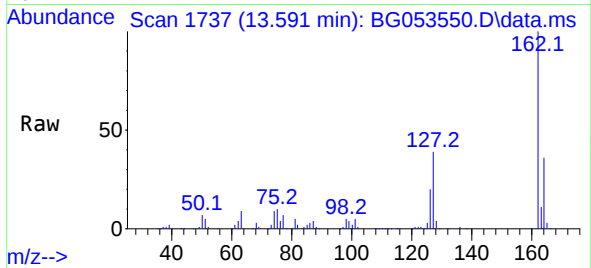
Tgt Ion:154 Resp: 271195
Ion Ratio Lower Upper
154 100
153 41.5 21.6 61.6
76 12.6 0.0 32.6





#47
2-Chloronaphthalene
Concen: 48.660 ng
RT: 13.591 min Scan# 1737
Delta R.T. -0.003 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45

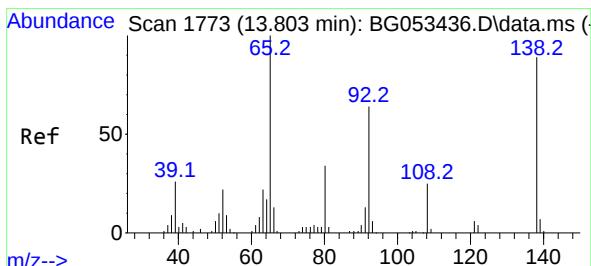
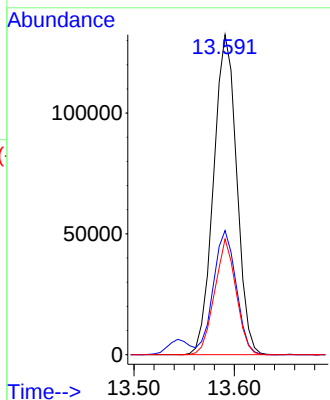
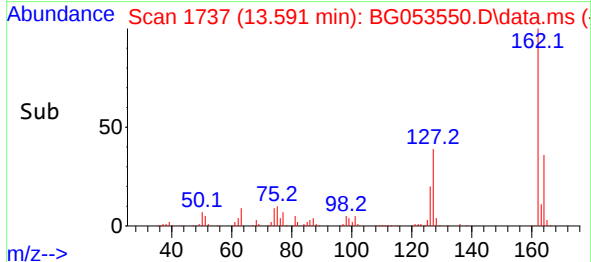
Instrument :
BNA_G
ClientSampleId :
SB16MS



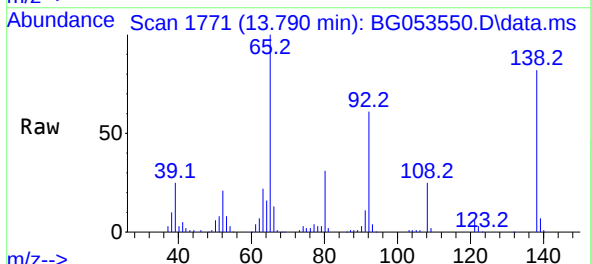
Tgt Ion:162 Resp: 212040
Ion Ratio Lower Upper
162 100
127 38.8 30.6 45.8
164 36.2 26.5 39.7

Manual Integrations
APPROVED

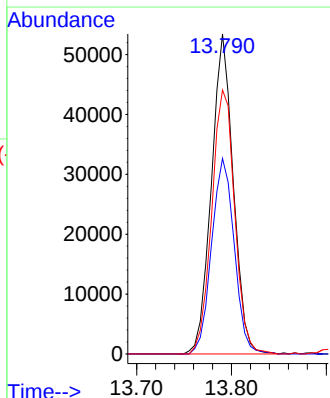
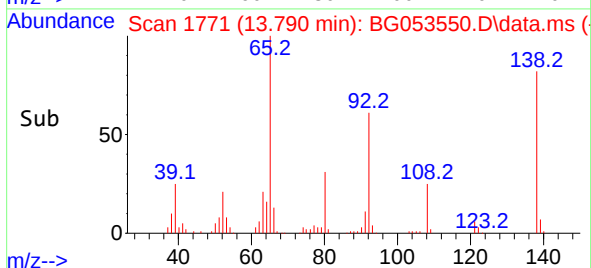
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

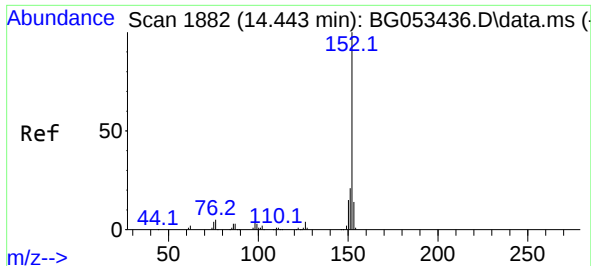


#48
2-Nitroaniline
Concen: 52.637 ng
RT: 13.790 min Scan# 1771
Delta R.T. -0.003 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45



Tgt Ion: 65 Resp: 85471
Ion Ratio Lower Upper
65 100
92 61.1 51.5 77.3
138 82.5 71.3 106.9





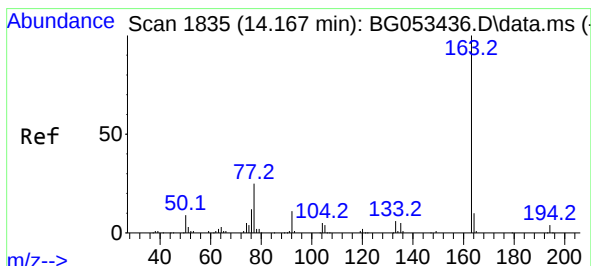
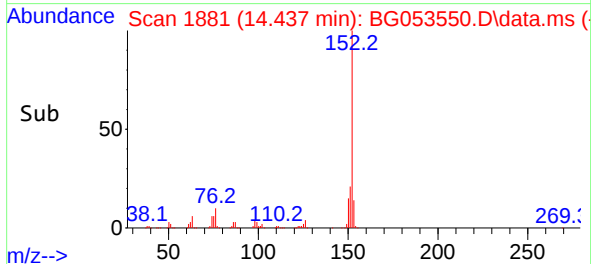
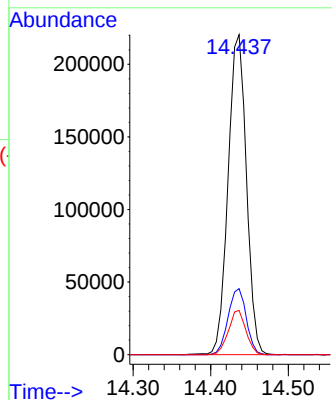
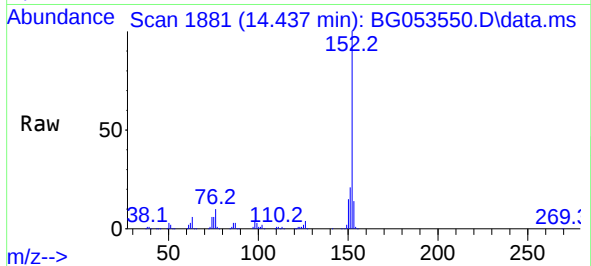
#49
Acenaphthylene
Concen: 52.128 ng
RT: 14.437 min Scan# 1881
Delta R.T. -0.003 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45

Instrument :
BNA_G
ClientSampleId :
SB16MS

Tgt Ion:152 Resp: 36248
Ion Ratio Lower Upper
152 100
151 20.7 16.4 24.6
153 13.9 10.8 16.2

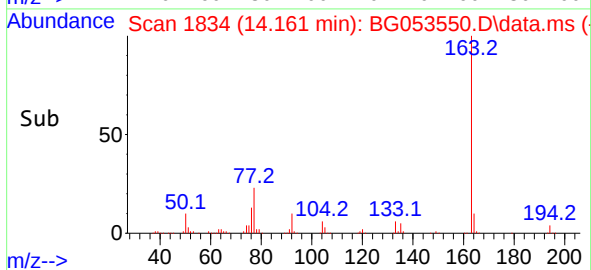
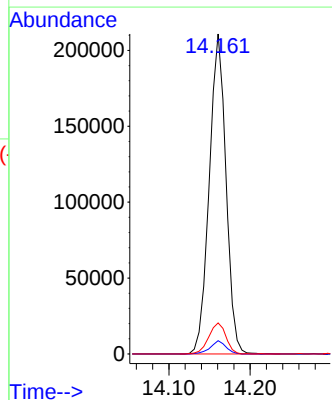
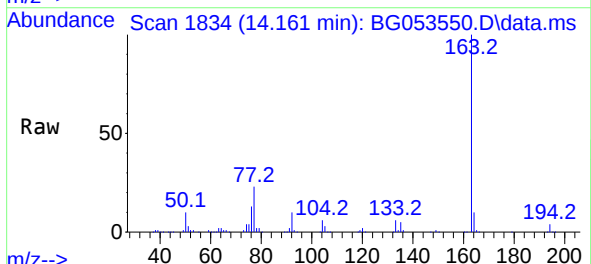
Manual Integrations
APPROVED

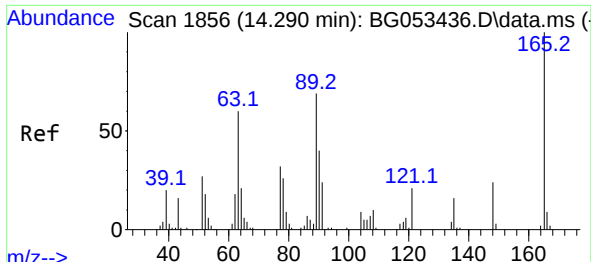
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#50
Dimethylphthalate
Concen: 48.508 ng
RT: 14.161 min Scan# 1834
Delta R.T. -0.003 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45

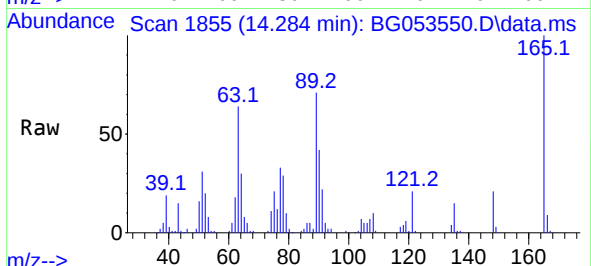
Tgt Ion:163 Resp: 300784
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.6
164 9.7 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 51.095 ng
RT: 14.284 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45

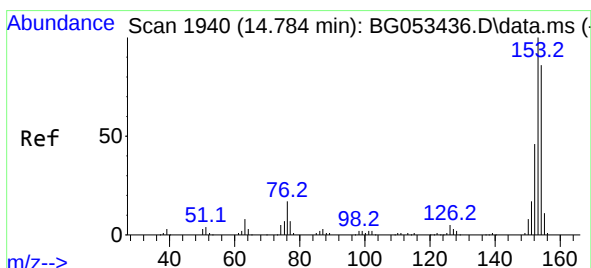
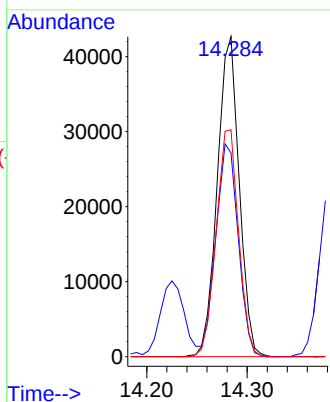
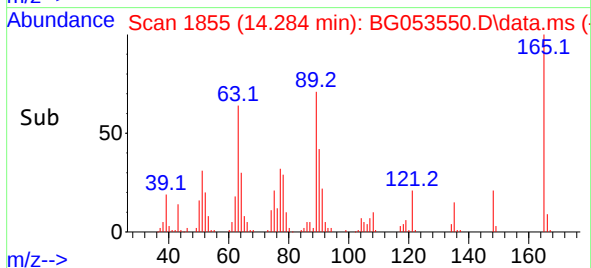
Instrument :
BNA_G
ClientSampleId :
SB16MS



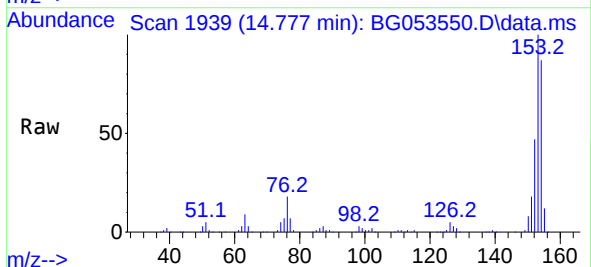
Tgt Ion:165 Resp: 6454
Ion Ratio Lower Upper
165 100
63 63.7 54.1 81.1
89 70.9 54.8 82.2

Manual Integrations
APPROVED

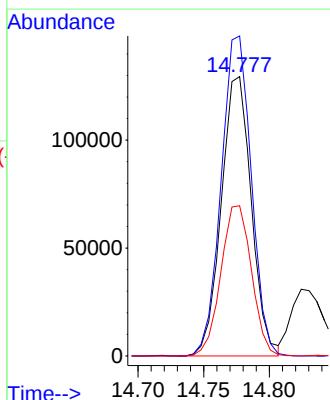
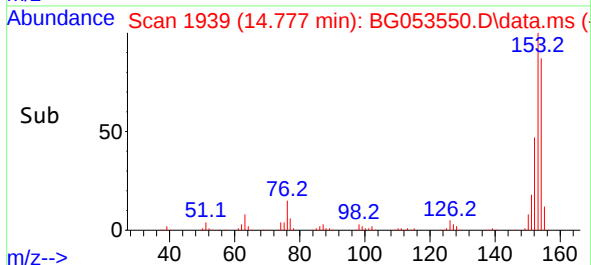
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

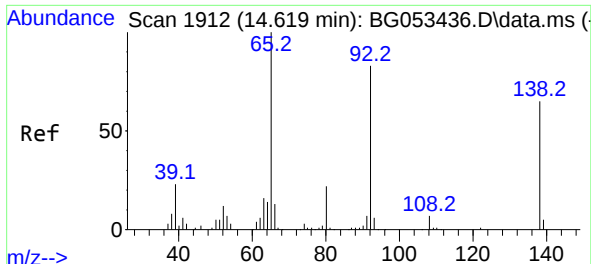


#52
Acenaphthene
Concen: 49.881 ng
RT: 14.777 min Scan# 1939
Delta R.T. -0.003 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45



Tgt Ion:154 Resp: 206710
Ion Ratio Lower Upper
154 100
153 114.5 92.7 139.1
152 53.7 42.6 64.0





#53
3-Nitroaniline
Concen: 23.965 ng
RT: 14.613 min Scan# 1911
Delta R.T. -0.003 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45

Instrument :

BNA_G

ClientSampleId :

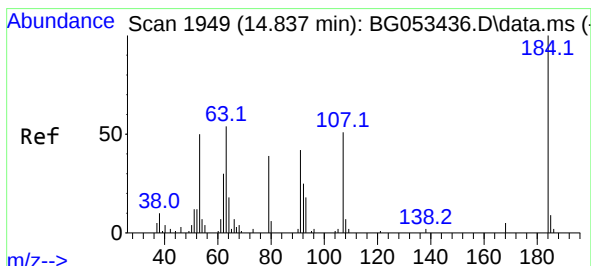
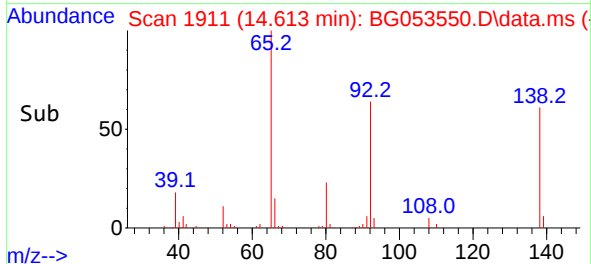
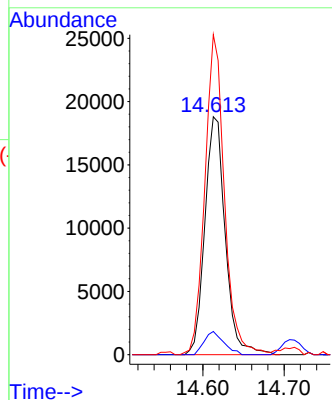
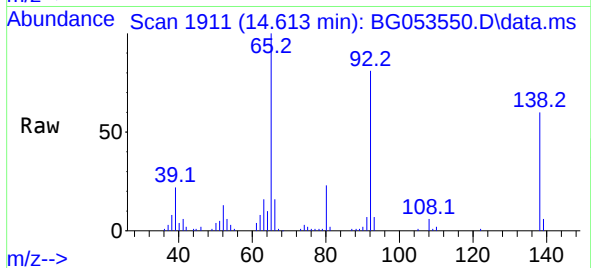
SB16MS

Tgt Ion:138 Resp: 3271
Ion Ratio Lower Upper
138 100
108 9.8 9.2 13.8
92 134.5 101.9 152.9

Manual Integrations

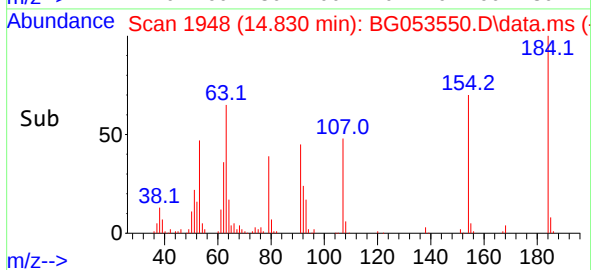
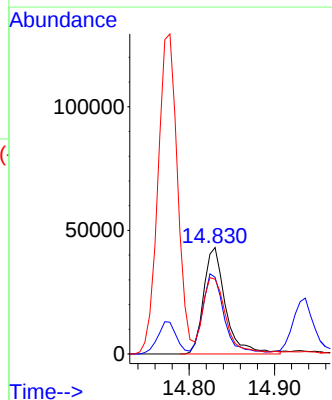
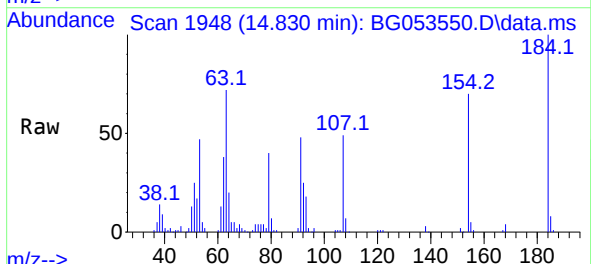
APPROVED

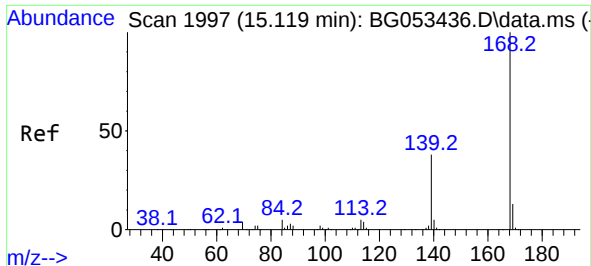
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#54
2,4-Dinitrophenol
Concen: 94.662 ng
RT: 14.830 min Scan# 1948
Delta R.T. -0.003 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45

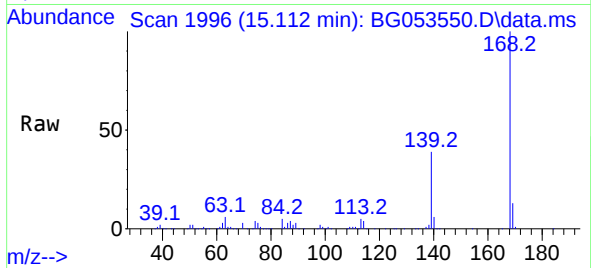
Tgt Ion:184 Resp: 76904
Ion Ratio Lower Upper
184 100
63 72.0 61.1 91.7
154 70.3 60.6 91.0





#55
Dibenzenofuran
Concen: 48.186 ng
RT: 15.112 min Scan# 1997
Delta R.T. 0.003 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45

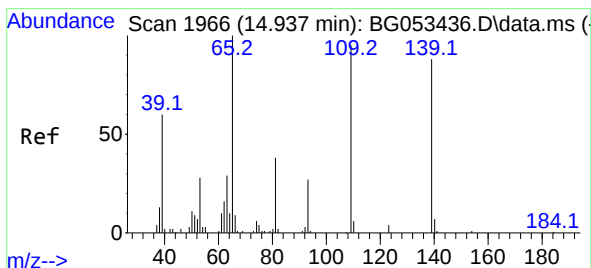
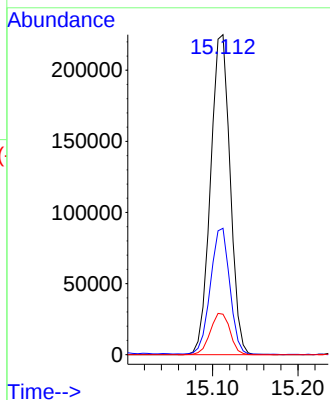
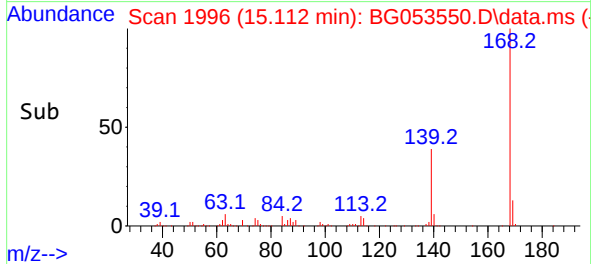
Instrument :
BNA_G
ClientSampleId :
SB16MS



Tgt Ion:168 Resp: 358678
Ion Ratio Lower Upper
168 100
139 39.5 30.5 45.7
169 12.7 10.3 15.5

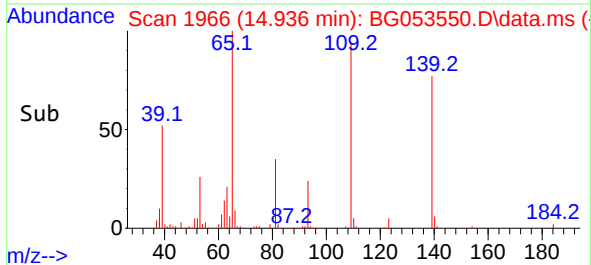
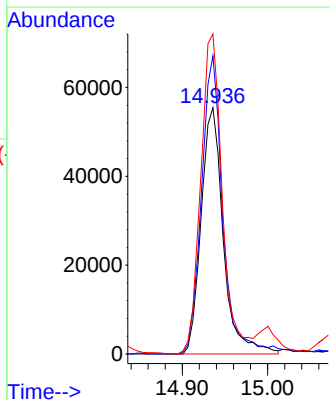
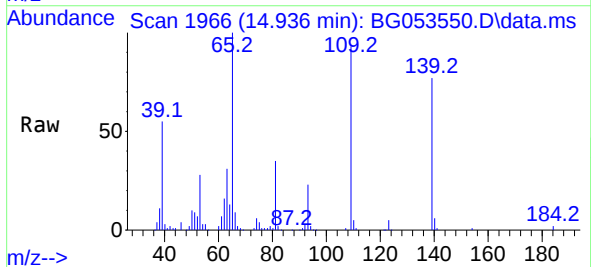
Manual Integrations
APPROVED

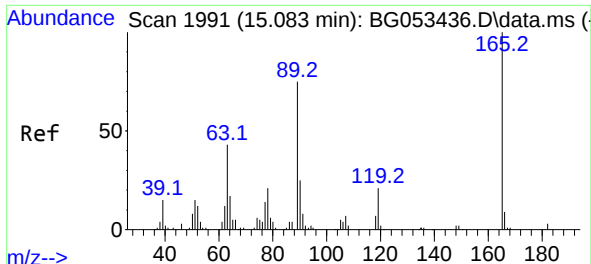
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#56
4-Nitrophenol
Concen: 102.740 ng
RT: 14.936 min Scan# 1966
Delta R.T. 0.003 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45

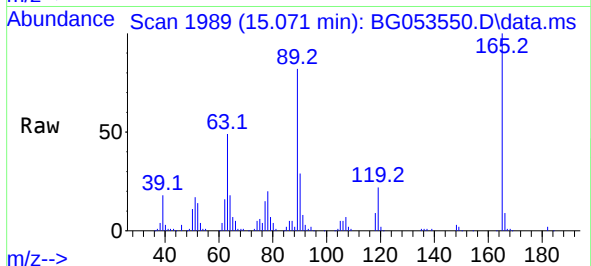
Tgt Ion:139 Resp: 100163
Ion Ratio Lower Upper
139 100
109 121.1 88.5 128.5
65 130.0 93.9 133.9





#57
2,4-Dinitrotoluene
Concen: 51.399 ng
RT: 15.071 min Scan# 1991
Delta R.T. -0.003 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45

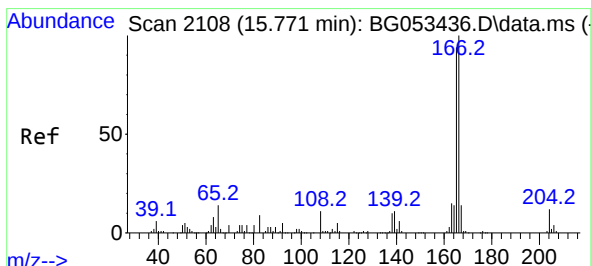
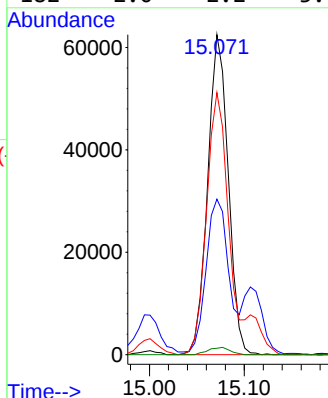
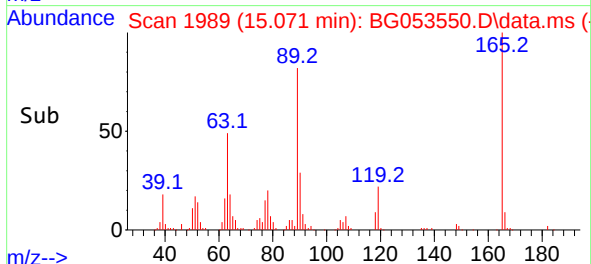
Instrument :
BNA_G
ClientSampleId :
SB16MS



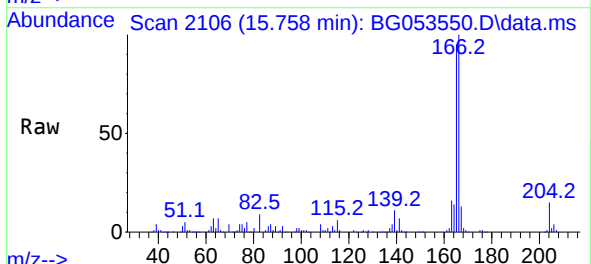
Tgt Ion:165 Resp: 94118
Ion Ratio Lower Upper
165 100
63 48.6 34.6 52.0
89 81.9 60.3 90.5
182 2.0 2.2 3.4#

Manual Integrations
APPROVED

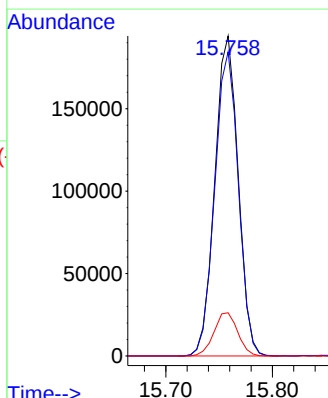
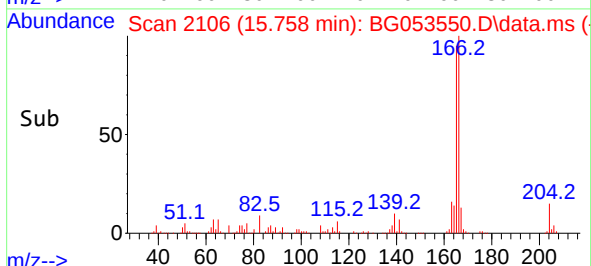
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#58
Fluorene
Concen: 49.307 ng
RT: 15.758 min Scan# 2106
Delta R.T. -0.003 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45



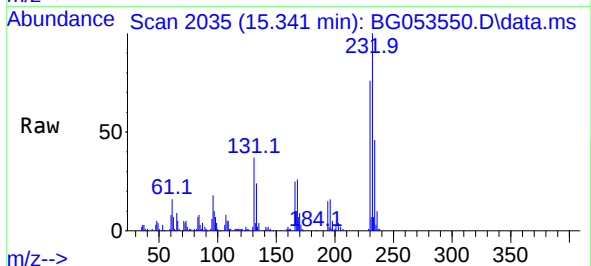
Tgt Ion:166 Resp: 294532
Ion Ratio Lower Upper
166 100
165 95.1 75.0 112.6
167 13.5 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 50.706 ng
RT: 15.341 min Scan# 2035
Delta R.T. -0.003 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45

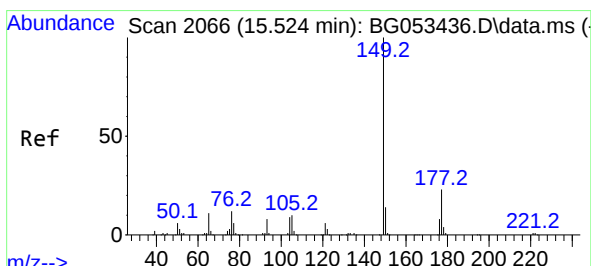
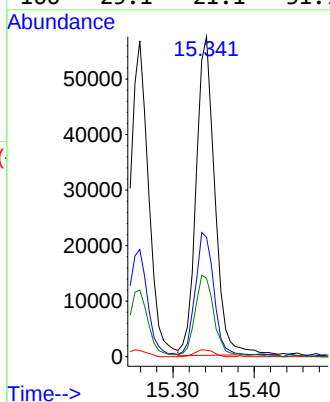
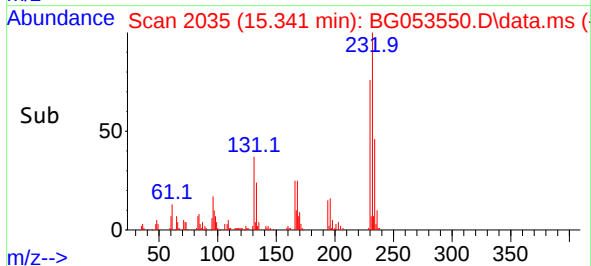
Instrument :
BNA_G
ClientSampleId :
SB16MS



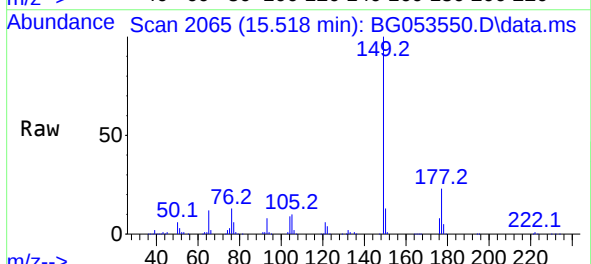
Tgt Ion:232 Resp: 91930
Ion Ratio Lower Upper
232 100
131 38.0 30.6 46.0
130 2.1 1.8 2.8
166 25.1 21.1 31.7

Manual Integrations
APPROVED

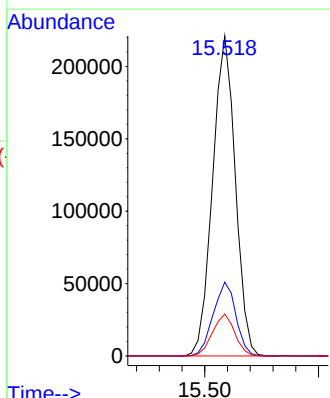
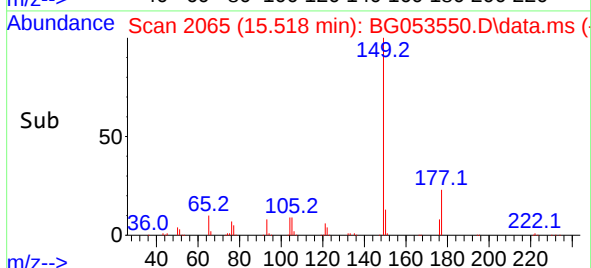
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

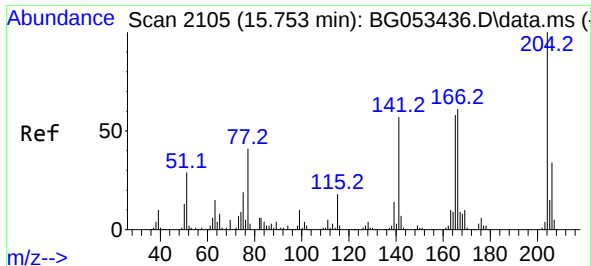


#60
Diethylphthalate
Concen: 47.840 ng
RT: 15.518 min Scan# 2065
Delta R.T. -0.003 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45



Tgt Ion:149 Resp: 306421
Ion Ratio Lower Upper
149 100
177 23.1 18.4 27.6
150 13.1 11.2 16.8





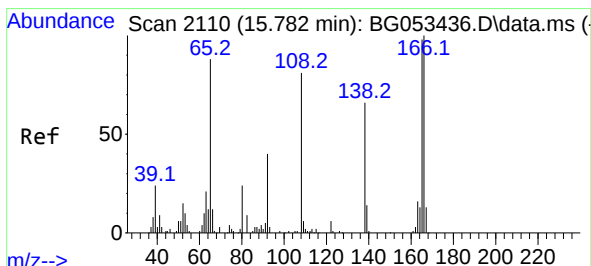
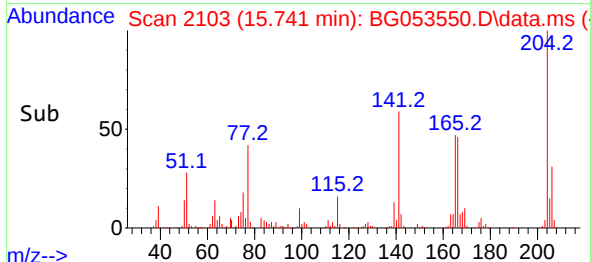
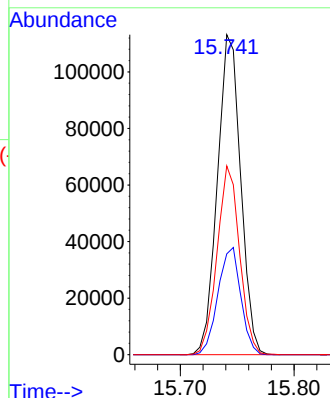
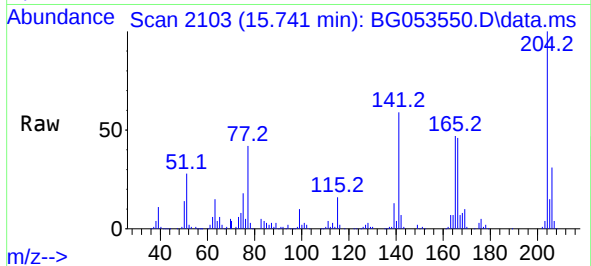
#61
4-Chlorophenyl-phenylether
Concen: 48.304 ng
RT: 15.741 min Scan# 2103
Delta R.T. -0.003 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45

Instrument :
BNA_G
ClientSampleId :
SB16MS

Tgt Ion:204 Resp: 161008
Ion Ratio Lower Upper
204 100
206 31.5 27.5 41.3
141 59.0 45.3 67.9

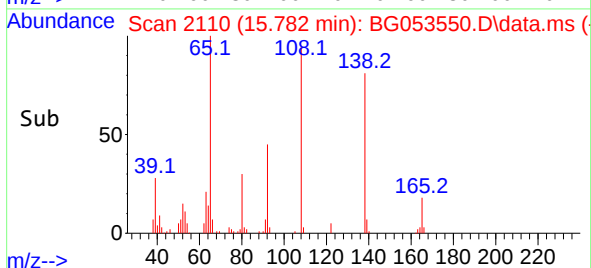
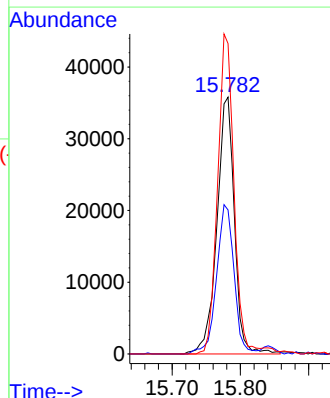
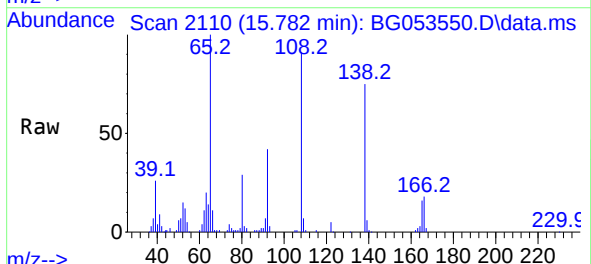
Manual Integrations
APPROVED

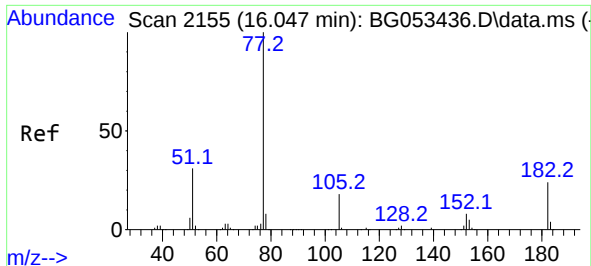
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#62
4-Nitroaniline
Concen: 45.215 ng
RT: 15.782 min Scan# 2110
Delta R.T. 0.003 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45

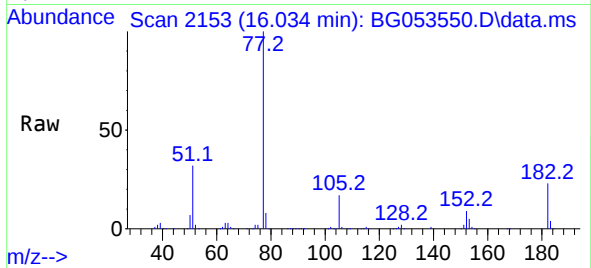
Tgt Ion:138 Resp: 64012
Ion Ratio Lower Upper
138 100
92 56.1 40.5 80.5
108 120.9 103.7 143.7





#63
Azobenzene
Concen: 48.282 ng
RT: 16.034 min Scan# 2153
Delta R.T. -0.003 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45

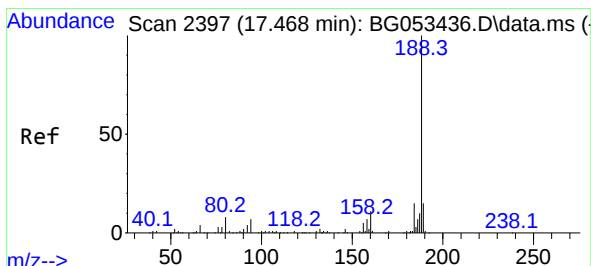
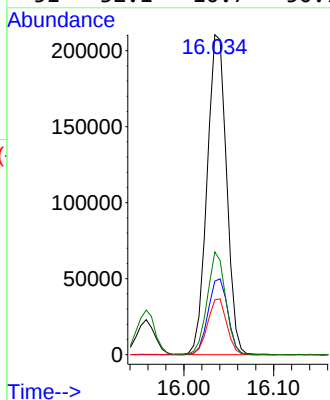
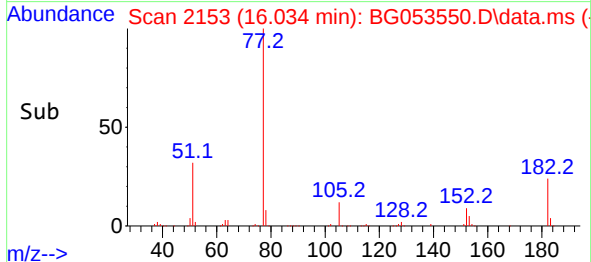
Instrument :
BNA_G
ClientSampleId :
SB16MS



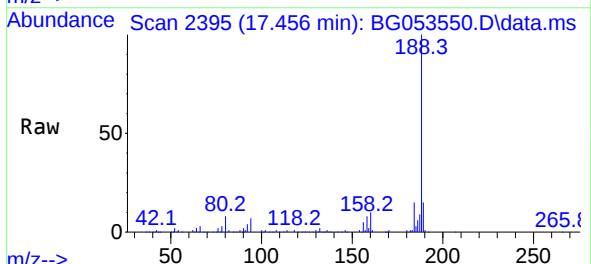
Tgt Ion: 77 Resp: 316674
Ion Ratio Lower Upper
77 100
182 23.0 3.8 43.8
105 17.2 0.0 37.8
51 32.1 10.7 50.7

Manual Integrations
APPROVED

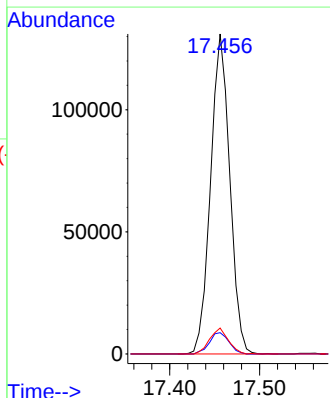
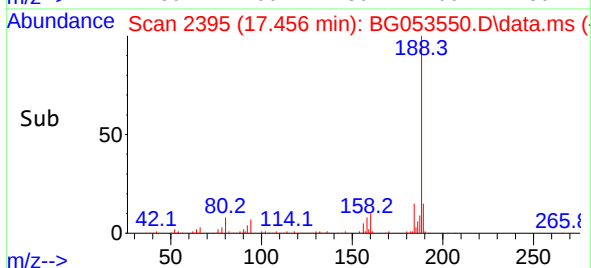
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

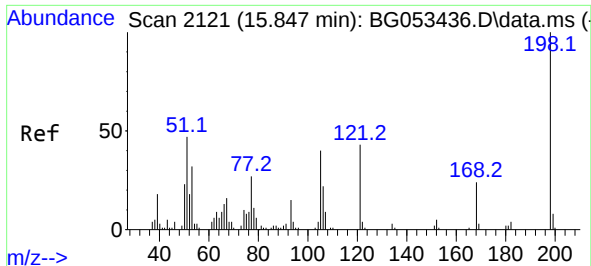


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.456 min Scan# 2395
Delta R.T. -0.003 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45



Tgt Ion:188 Resp: 194177
Ion Ratio Lower Upper
188 100
94 6.7 5.4 8.0
80 8.1 6.8 10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 49.133 ng
RT: 15.841 min Scan# 2121
Delta R.T. -0.003 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45

Instrument :

BNA_G

ClientSampleId :

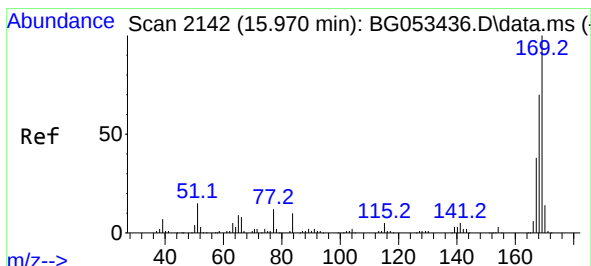
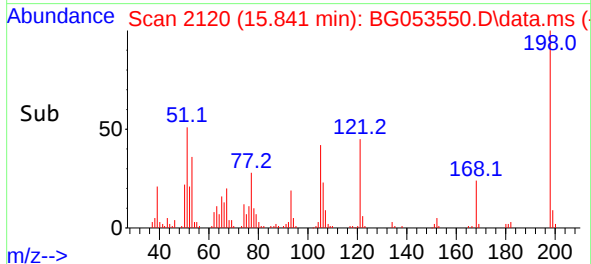
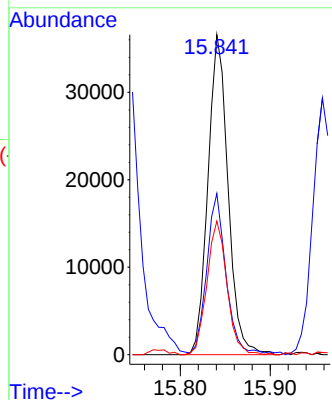
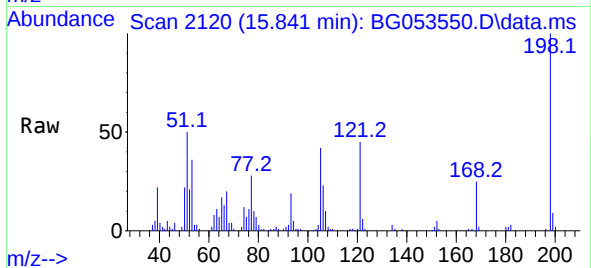
SB16MS

Tgt Ion:198 Resp: 56849
Ion Ratio Lower Upper
198 100
51 50.3 28.1 68.1
105 41.7 20.3 60.3

Manual Integrations

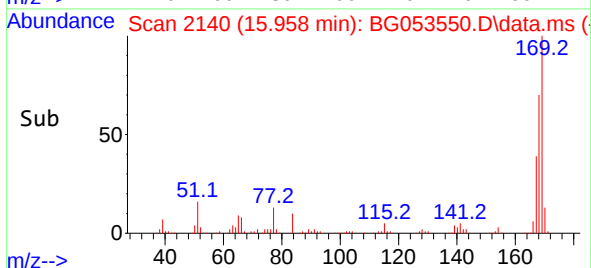
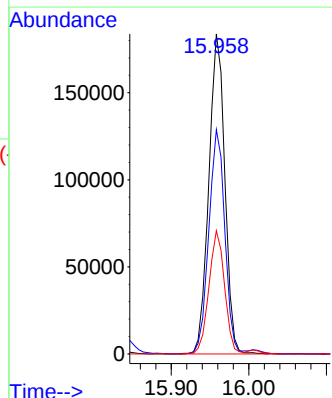
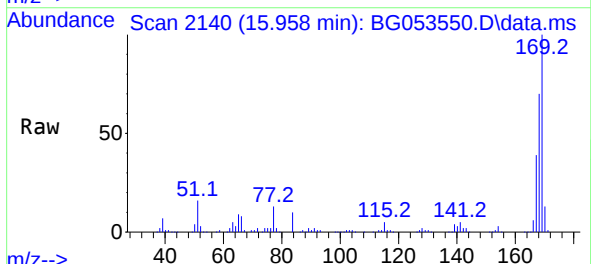
APPROVED

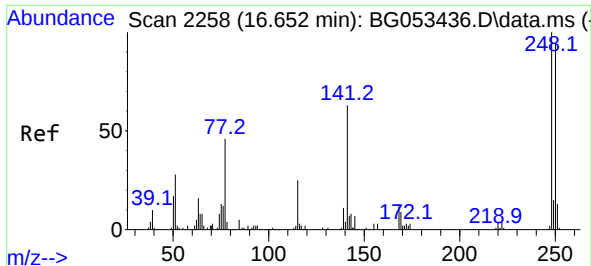
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#66
n-Nitrosodiphenylamine
Concen: 51.653 ng
RT: 15.958 min Scan# 2140
Delta R.T. -0.003 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45

Tgt Ion:169 Resp: 263336
Ion Ratio Lower Upper
169 100
168 70.1 55.9 83.9
167 38.5 30.6 46.0





#67
4-Bromophenyl-phenylether
Concen: 50.878 ng
RT: 16.640 min Scan# 211
Delta R.T. -0.003 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45

Instrument :

BNA_G

ClientSampleId :

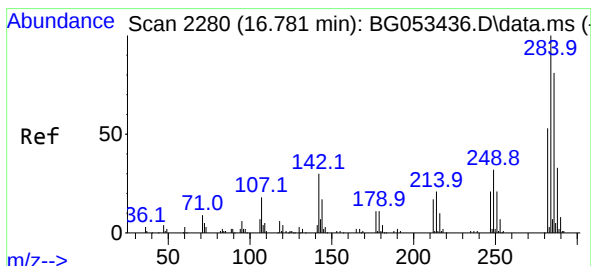
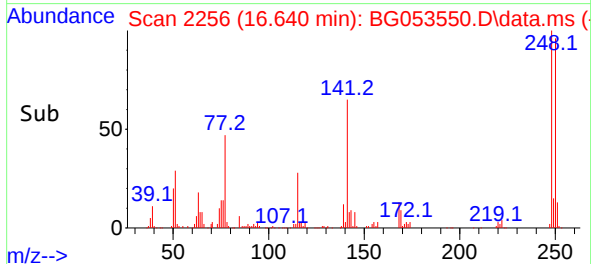
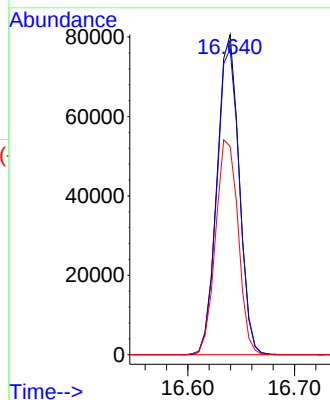
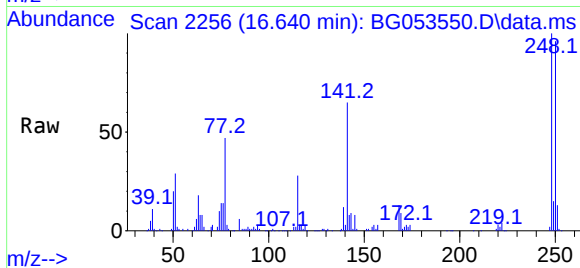
SB16MS

Tgt Ion:248 Resp: 115379
Ion Ratio Lower Upper
248 100
250 95.7 75.2 112.8
141 65.1 50.0 75.0

Manual Integrations

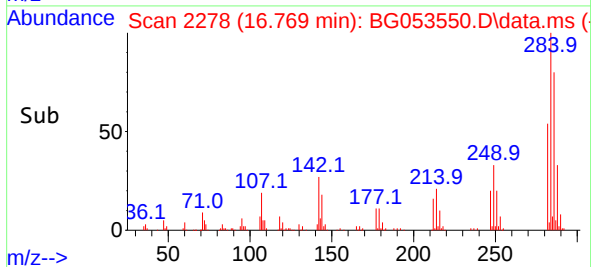
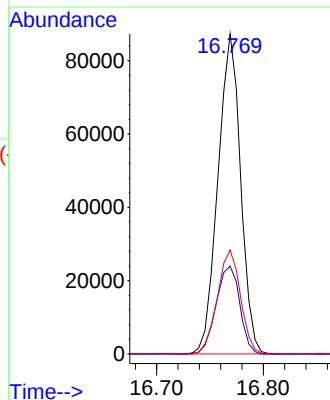
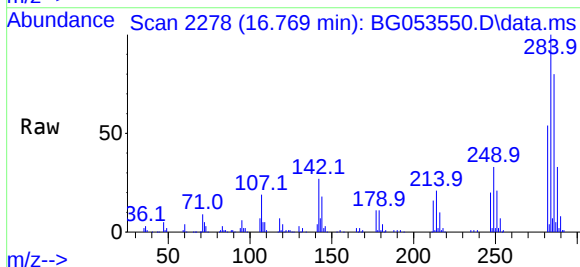
APPROVED

Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#68
Hexachlorobenzene
Concen: 51.732 ng
RT: 16.769 min Scan# 2278
Delta R.T. -0.003 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45

Tgt Ion:284 Resp: 128483
Ion Ratio Lower Upper
284 100
142 27.5 23.6 35.4
249 32.5 25.8 38.6





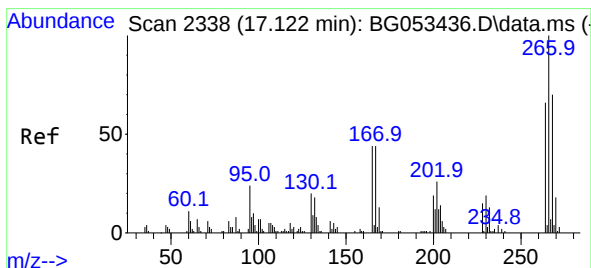
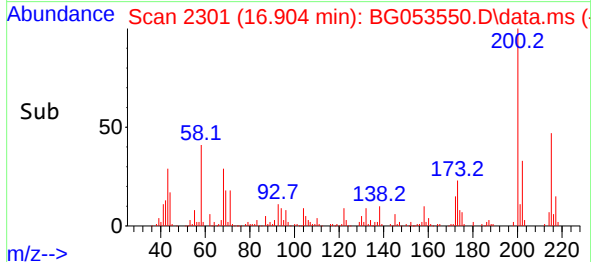
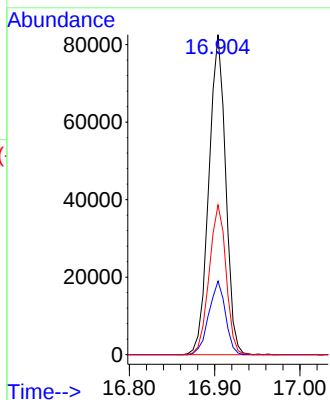
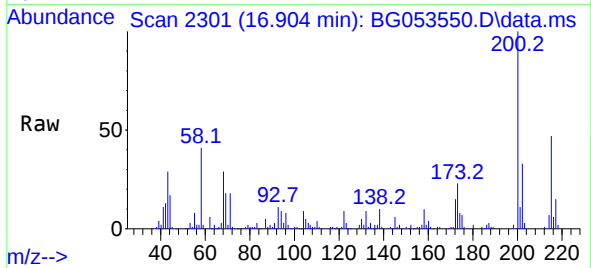
#69
 Atrazine
 Concen: 52.645 ng
 RT: 16.904 min Scan# 211
 Delta R.T. -0.003 min
 Lab File: BG053550.D
 Acq: 13 May 2022 19:45

Instrument :
 BNA_G
 ClientSampleId :
 SB16MS

Tgt Ion:200 Resp: 11298
 Ion Ratio Lower Upper
 200 100
 173 23.0 3.7 43.7
 215 46.8 25.2 65.2

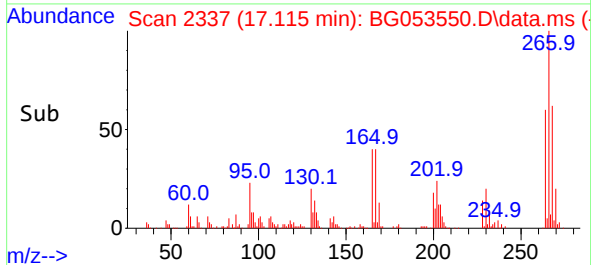
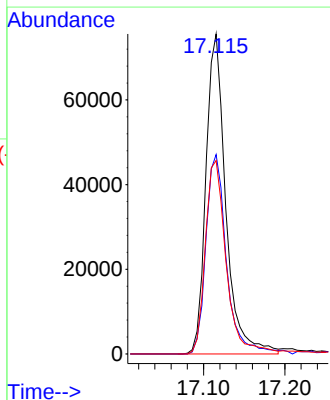
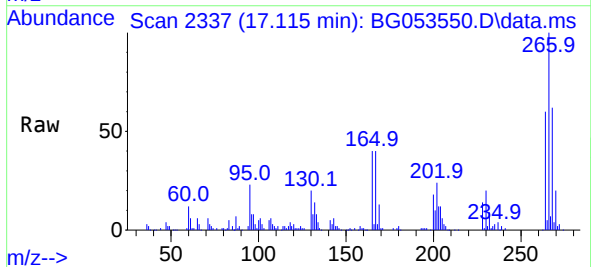
Manual Integrations
 APPROVED

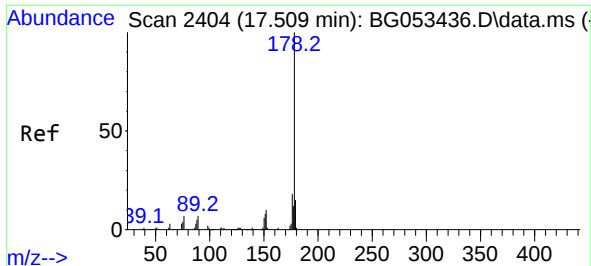
Reviewed By :Christian Giraldo 05/16/2022
 Supervised By :Jagrut Upadhyay 05/16/2022



#70
 Pentachlorophenol
 Concen: 94.969 ng
 RT: 17.115 min Scan# 2337
 Delta R.T. -0.003 min
 Lab File: BG053550.D
 Acq: 13 May 2022 19:45

Tgt Ion:266 Resp: 128258
 Ion Ratio Lower Upper
 266 100
 268 62.3 56.2 84.2
 264 60.5 53.0 79.4





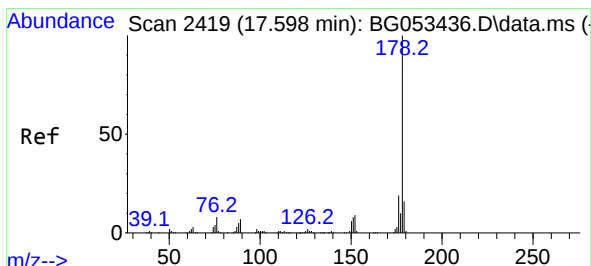
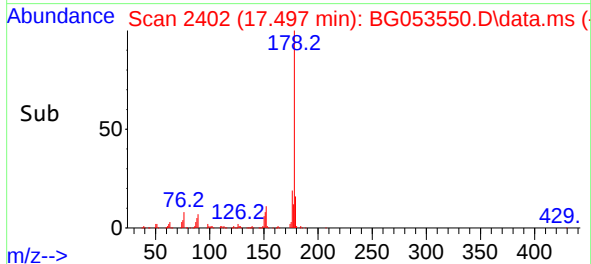
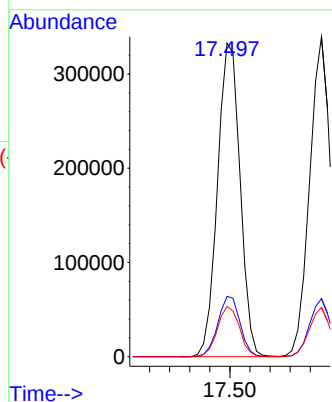
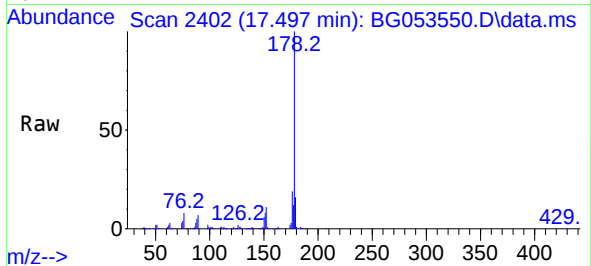
#71
Phenanthrene
Concen: 52.496 ng
RT: 17.497 min Scan# 2418
Delta R.T. -0.003 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45

Instrument :
BNA_G
ClientSampleId :
SB16MS

Tgt Ion:178 Resp: 518324
Ion Ratio Lower Upper
178 100
176 19.2 14.1 21.1
179 16.0 12.1 18.1

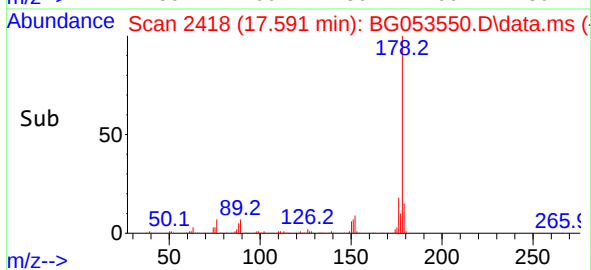
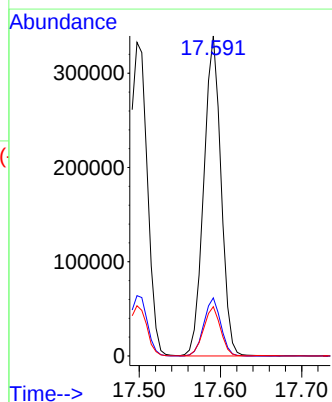
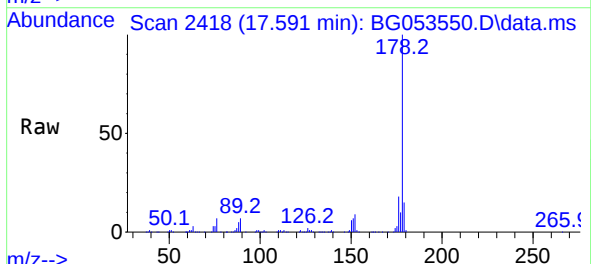
Manual Integrations
APPROVED

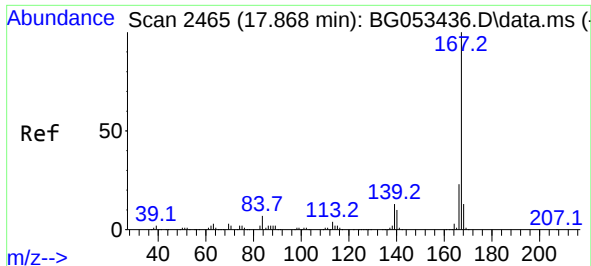
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#72
Anthracene
Concen: 51.581 ng
RT: 17.591 min Scan# 2418
Delta R.T. -0.003 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45

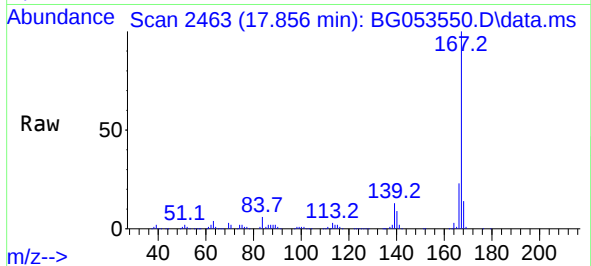
Tgt Ion:178 Resp: 500590
Ion Ratio Lower Upper
178 100
176 18.1 15.2 22.8
179 15.4 13.0 19.4





#73
 Carbazole
 Concen: 47.254 ng
 RT: 17.856 min Scan# 2463
 Delta R.T. -0.003 min
 Lab File: BG053550.D
 Acq: 13 May 2022 19:45

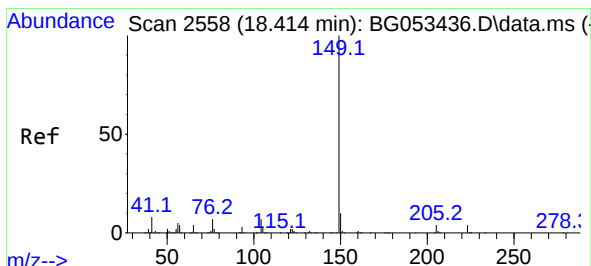
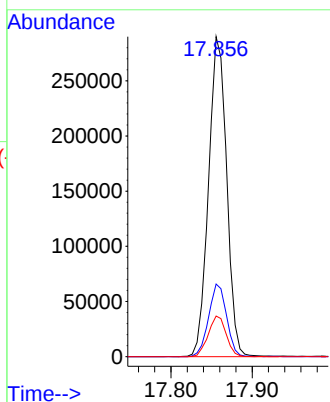
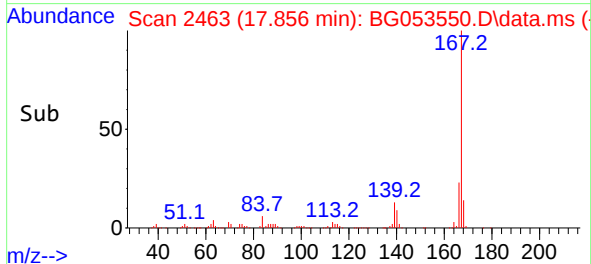
Instrument :
 BNA_G
 ClientSampleId :
 SB16MS



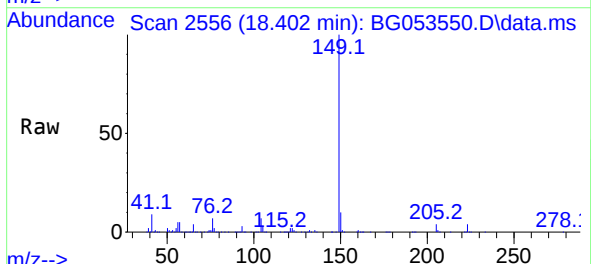
Tgt Ion:167 Resp: 44944
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.2 27.2
 139 12.7 10.1 15.1

Manual Integrations
 APPROVED

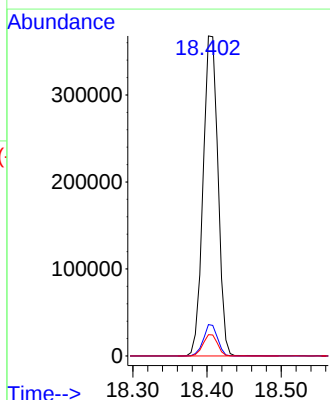
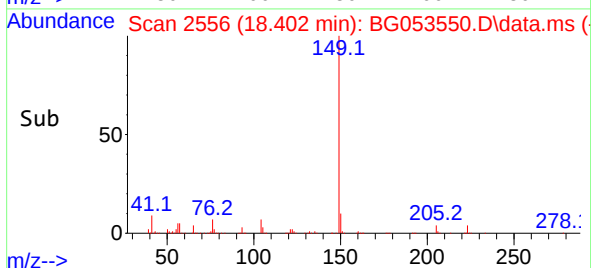
Reviewed By :Christian Giraldo 05/16/2022
 Supervised By :Jagrut Upadhyay 05/16/2022

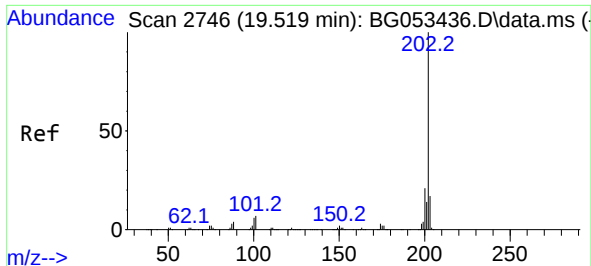


#74
 Di-n-butylphthalate
 Concen: 48.045 ng
 RT: 18.402 min Scan# 2556
 Delta R.T. -0.003 min
 Lab File: BG053550.D
 Acq: 13 May 2022 19:45



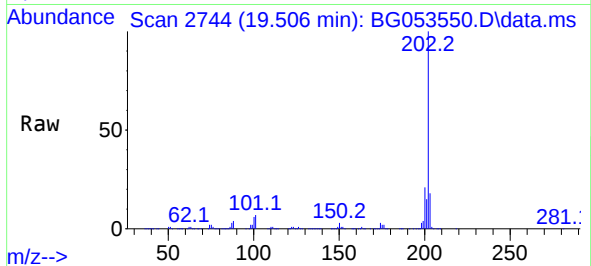
Tgt Ion:149 Resp: 513943
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.7 11.5
 104 6.7 5.4 8.0





#75
Fluoranthene
Concen: 51.324 ng
RT: 19.506 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45

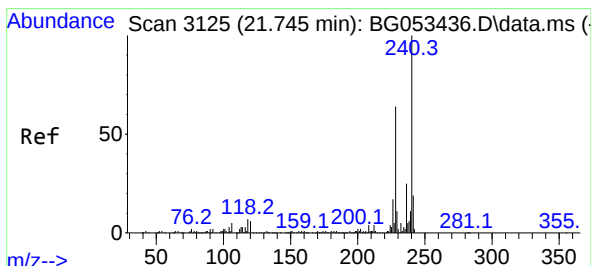
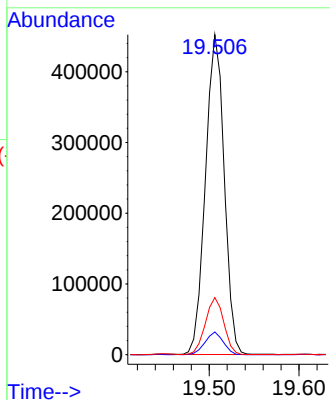
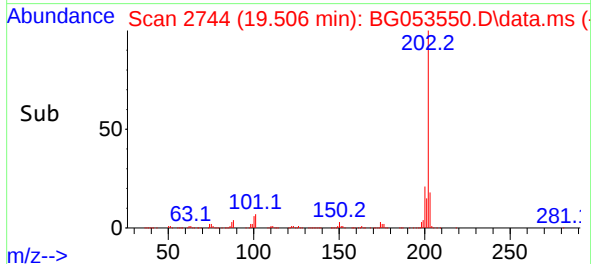
Instrument :
BNA_G
ClientSampleId :
SB16MS



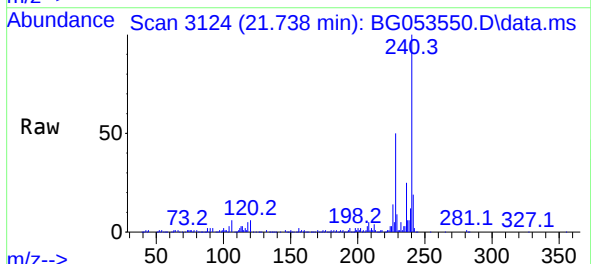
Tgt Ion:202 Resp: 65614
Ion Ratio Lower Upper
202 100
101 7.1 0.0 26.9
203 17.9 0.0 37.2

Manual Integrations
APPROVED

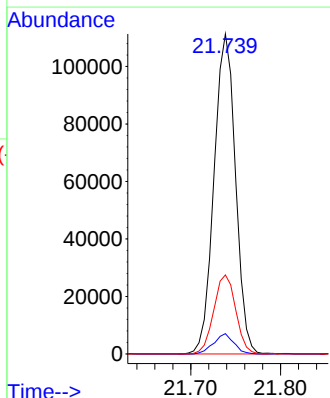
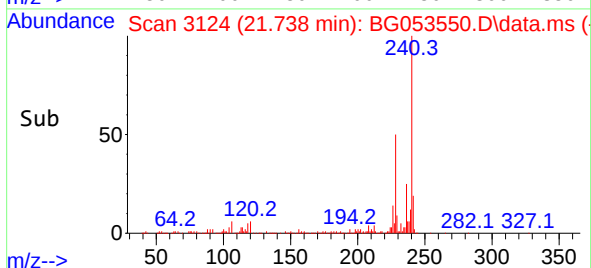
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

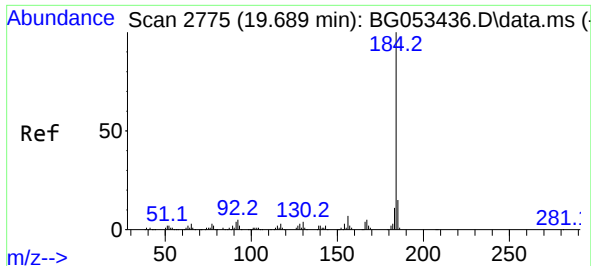


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.738 min Scan# 3124
Delta R.T. -0.003 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45



Tgt Ion:240 Resp: 184753
Ion Ratio Lower Upper
240 100
120 6.4 4.6 7.0
236 24.7 20.2 30.4





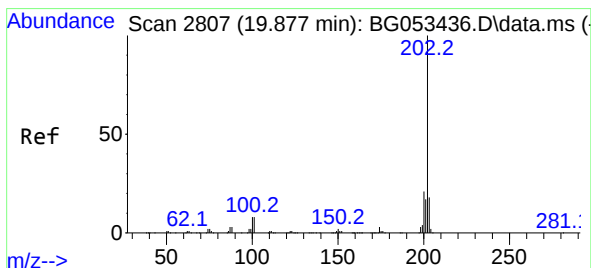
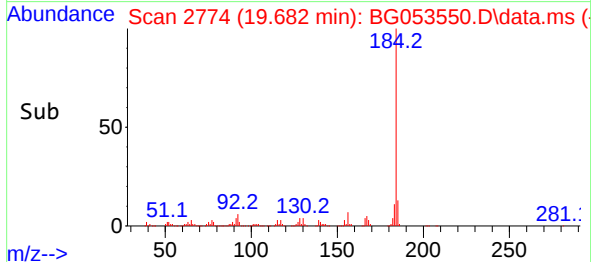
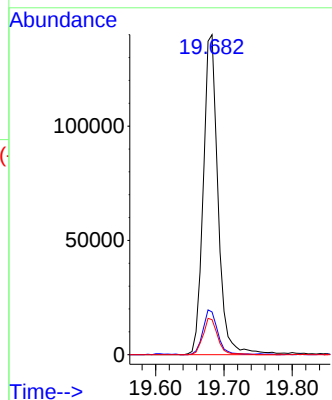
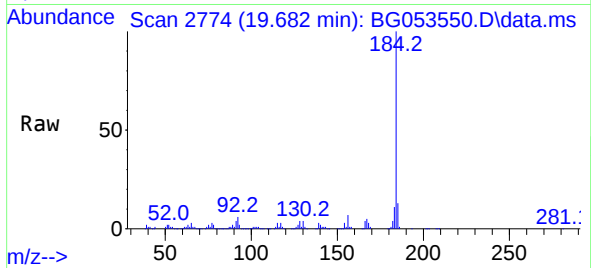
#77
Benzidine
Concen: 52.942 ng
RT: 19.682 min Scan# 21082
Delta R.T. 0.003 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45

Instrument :
BNA_G
ClientSampleId :
SB16MS

Tgt Ion:184 Resp: 21082
Ion Ratio Lower Upper
184 100
185 13.3 11.8 17.6
183 11.0 8.9 13.3

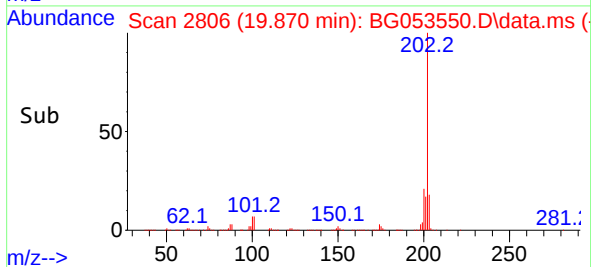
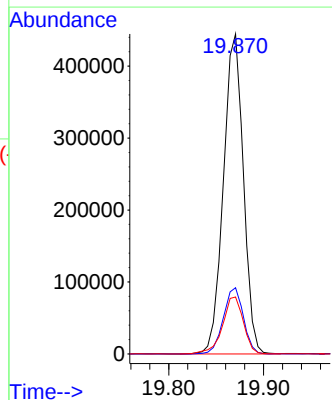
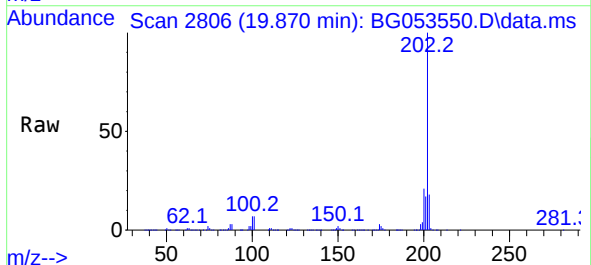
Manual Integrations
APPROVED

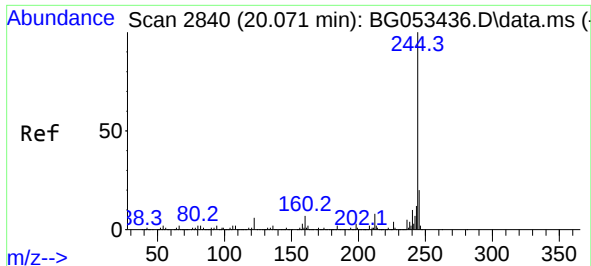
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#78
Pyrene
Concen: 54.431 ng
RT: 19.870 min Scan# 2806
Delta R.T. -0.003 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45

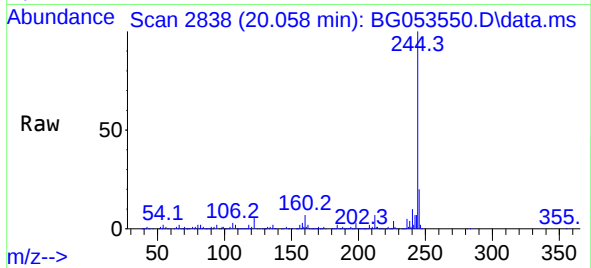
Tgt Ion:202 Resp: 650990
Ion Ratio Lower Upper
202 100
200 20.7 16.6 24.8
203 17.8 14.6 21.8





#79
Terphenyl-d14
Concen: 68.414 ng
RT: 20.058 min Scan# 2838
Delta R.T. -0.003 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45

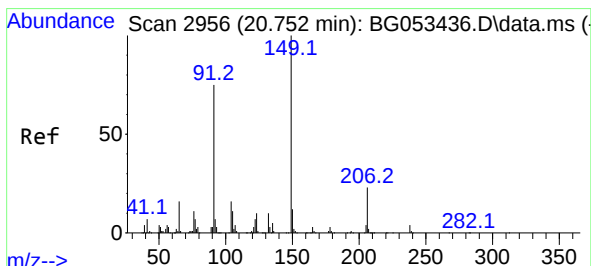
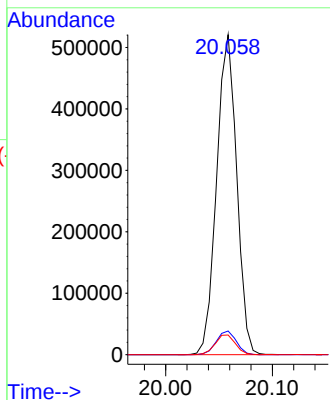
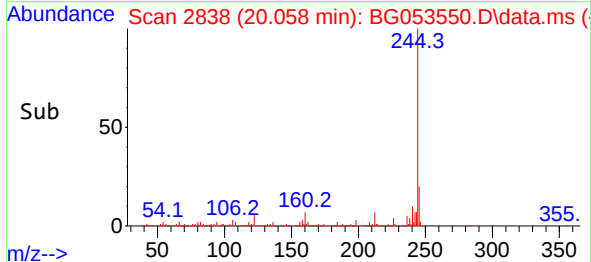
Instrument :
BNA_G
ClientSampleId :
SB16MS



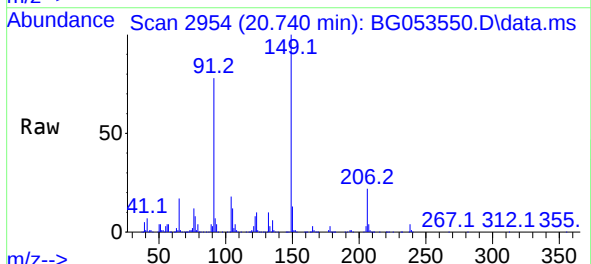
Tgt Ion:244 Resp: 678649
Ion Ratio Lower Upper
244 100
212 7.4 6.5 9.7
122 6.2 5.0 7.4

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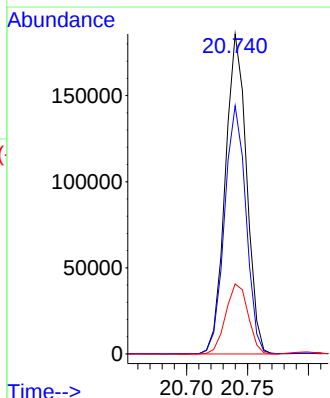
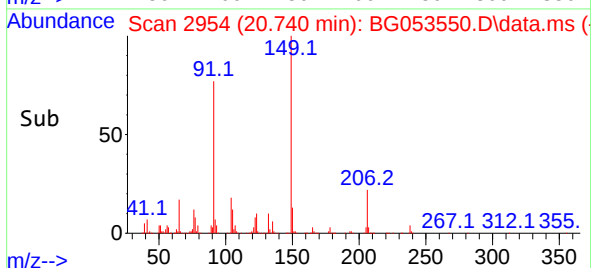
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

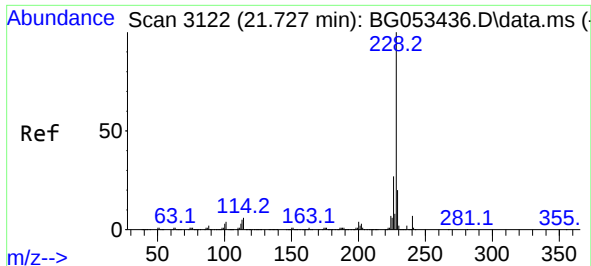


#80
Butylbenzylphthalate
Concen: 51.555 ng
RT: 20.740 min Scan# 2954
Delta R.T. -0.003 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45



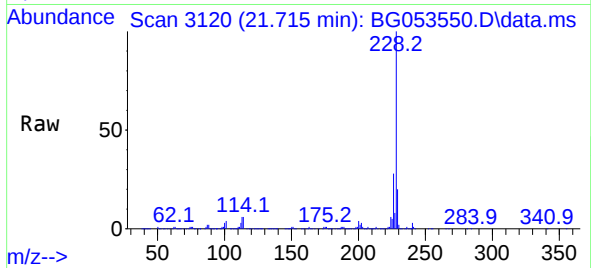
Tgt Ion:149 Resp: 226104
Ion Ratio Lower Upper
149 100
91 77.6 59.6 89.4
206 21.9 18.6 28.0





#81
Benzo(a)anthracene
Concen: 53.689 ng
RT: 21.715 min Scan# 3122
Delta R.T. -0.003 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45

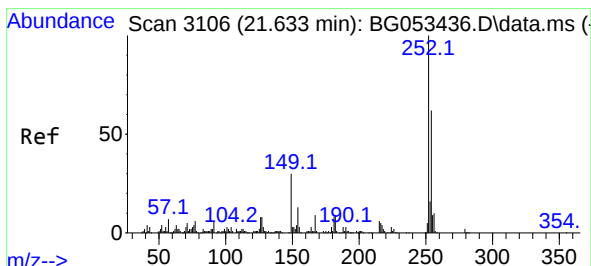
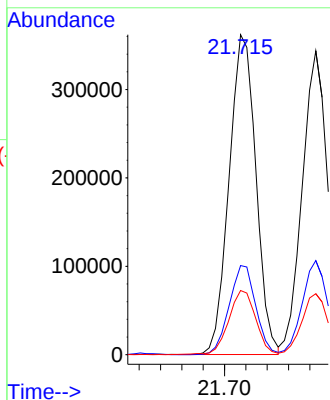
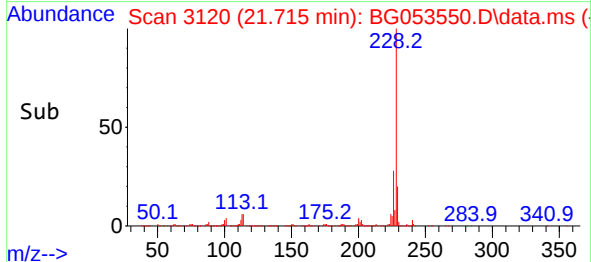
Instrument :
BNA_G
ClientSampleId :
SB16MS



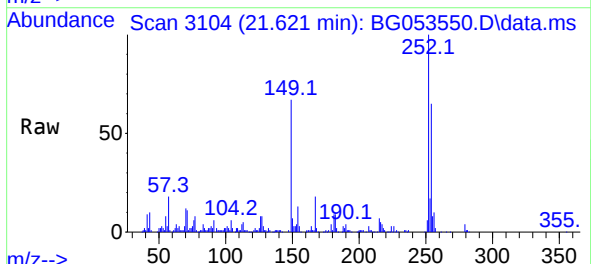
Tgt Ion:228 Resp: 63266
Ion Ratio Lower Upper
228 100
226 27.9 21.6 32.4
229 20.1 16.2 24.2

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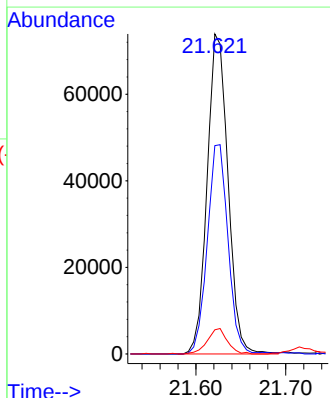
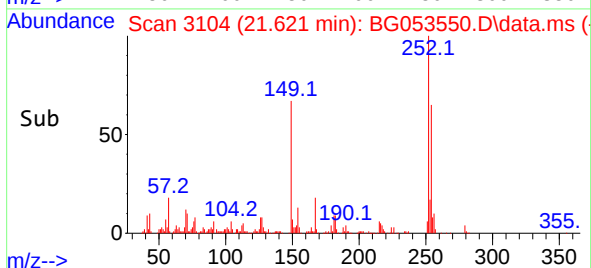
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

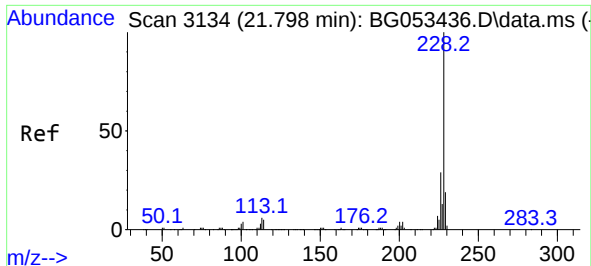


#82
3,3'-Dichlorobenzidine
Concen: 39.886 ng
RT: 21.621 min Scan# 3104
Delta R.T. -0.003 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45



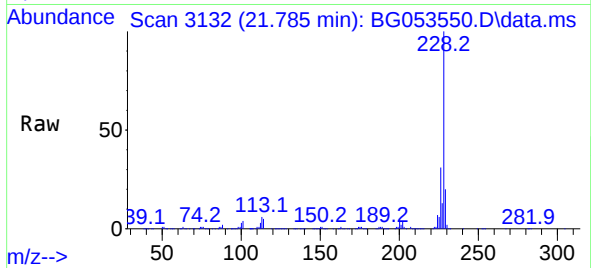
Tgt Ion:252 Resp: 119189
Ion Ratio Lower Upper
252 100
254 65.1 49.8 74.8
126 7.6 6.0 9.0





#83
Chrysene
Concen: 51.662 ng
RT: 21.785 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45

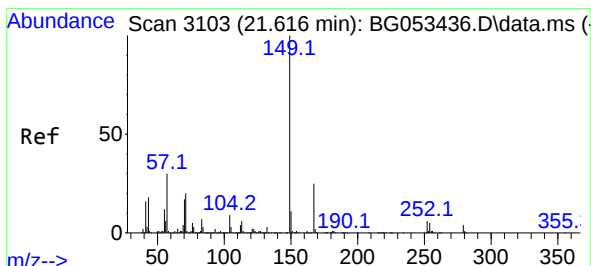
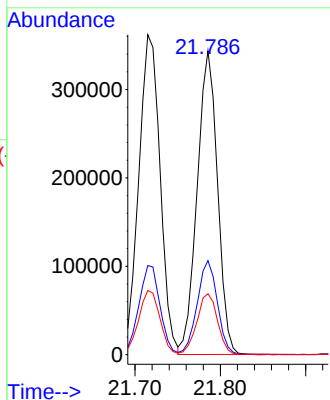
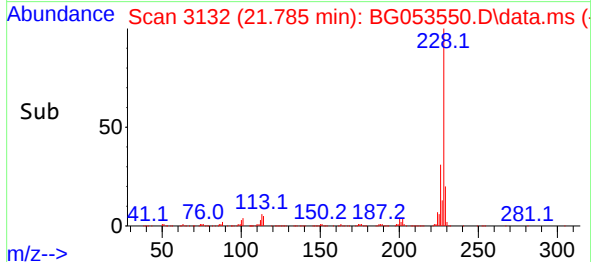
Instrument :
BNA_G
ClientSampleId :
SB16MS



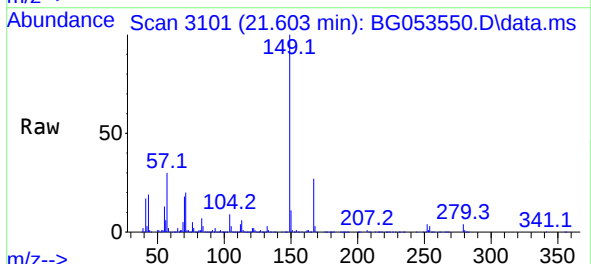
Tgt Ion:228 Resp: 568584
Ion Ratio Lower Upper
228 100
226 30.9 23.4 35.2
229 20.1 15.5 23.3

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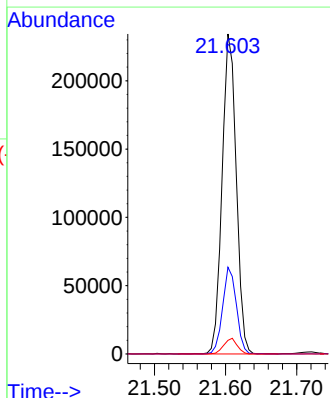
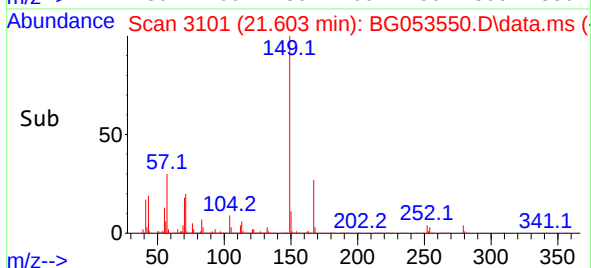
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

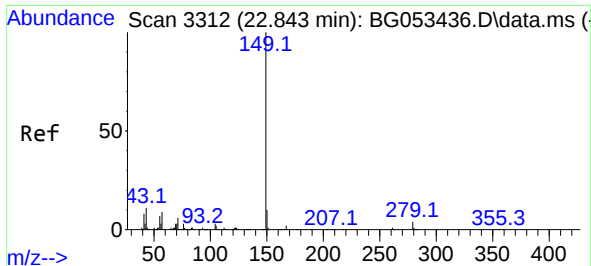


#84
Bis(2-ethylhexyl)phthalate
Concen: 53.190 ng
RT: 21.603 min Scan# 3101
Delta R.T. -0.003 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45



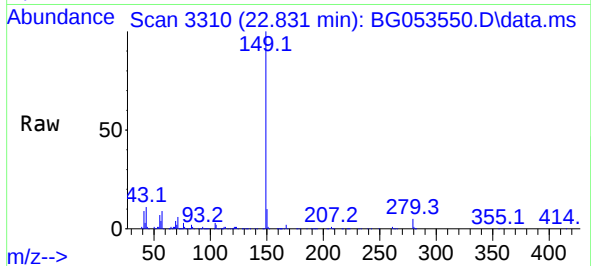
Tgt Ion:149 Resp: 321973
Ion Ratio Lower Upper
149 100
167 27.1 20.2 30.4
279 4.3 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 53.055 ng
RT: 22.831 min Scan# 31
Delta R.T. -0.003 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45

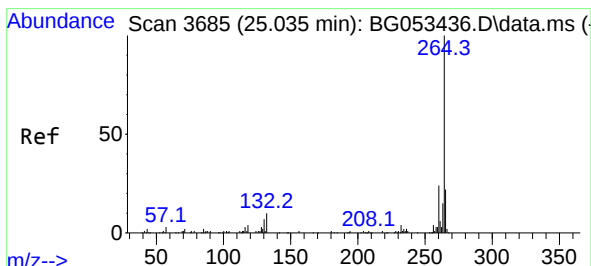
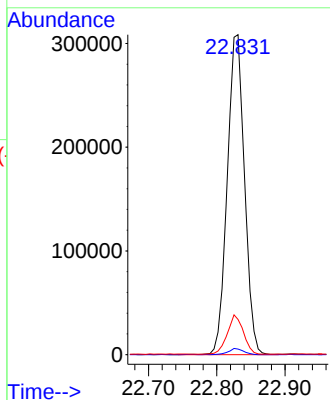
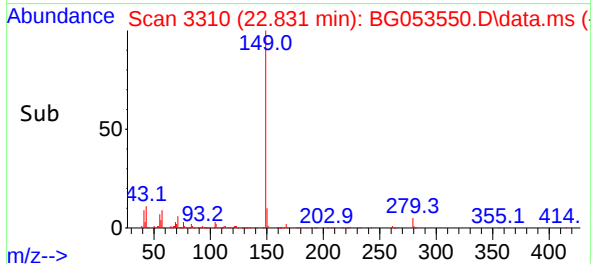
Instrument :
BNA_G
ClientSampleId :
SB16MS



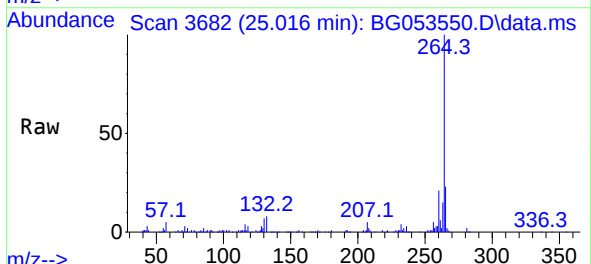
Tgt Ion:149 Resp: 54307
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 11.4 9.0 13.4

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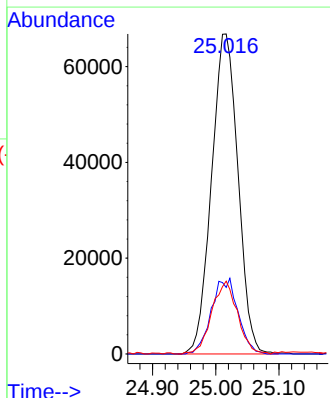
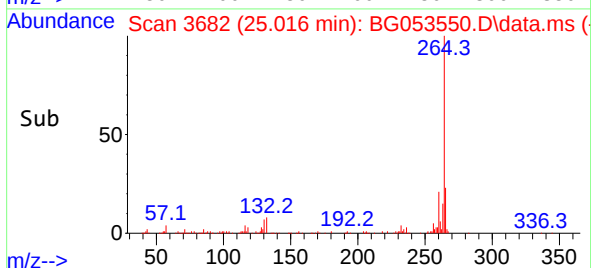
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

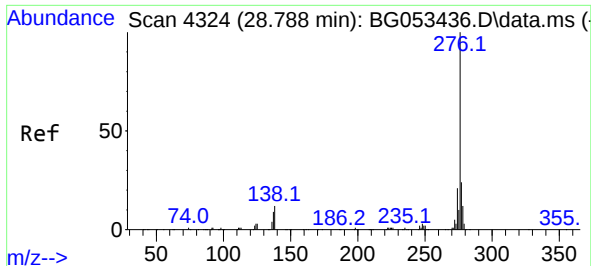


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.016 min Scan# 3682
Delta R.T. -0.003 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45



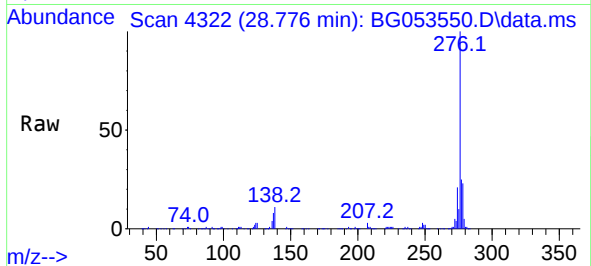
Tgt Ion:264 Resp: 194185
Ion Ratio Lower Upper
264 100
260 20.8 19.0 28.6
265 22.7 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 51.870 ng
RT: 28.776 min Scan# 41
Delta R.T. -0.003 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45

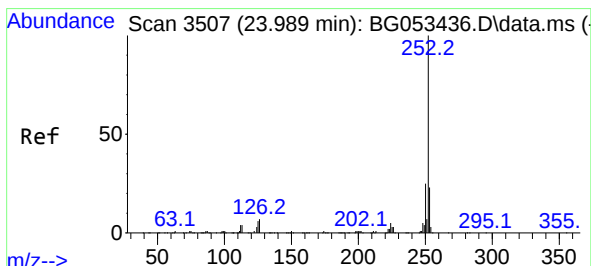
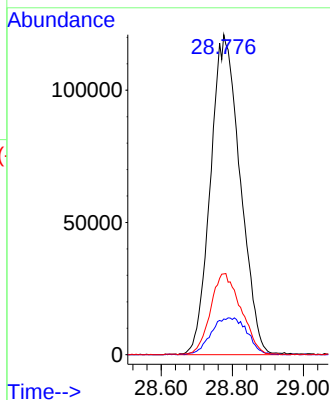
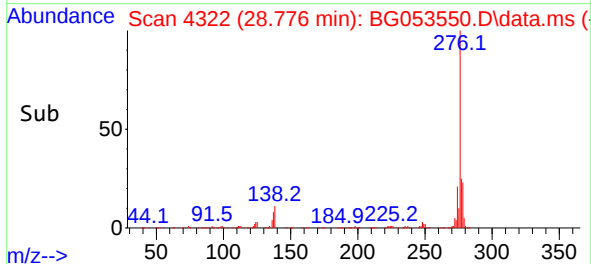
Instrument :
BNA_G
ClientSampleId :
SB16MS



Tgt Ion:276 Resp: 701519
Ion Ratio Lower Upper
276 100
138 14.0 5.0 7.4
277 26.1 20.3 30.5

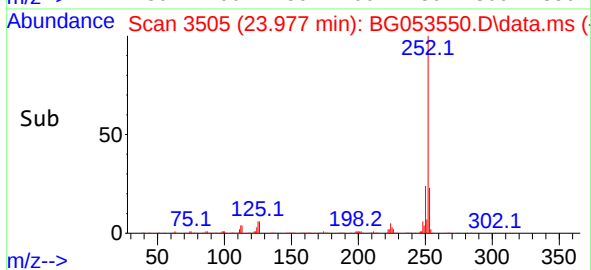
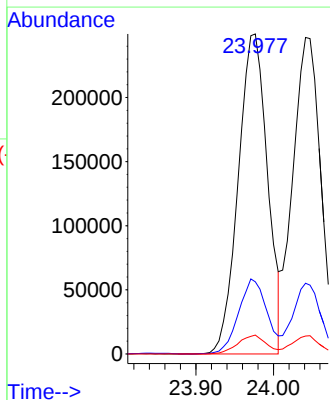
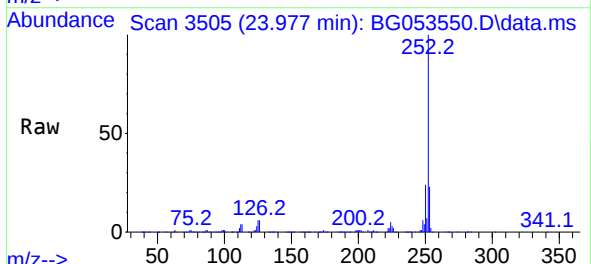
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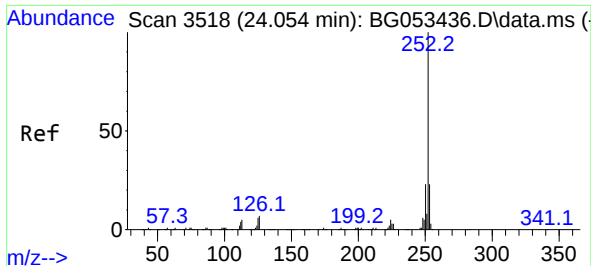
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#88
Benzo(b)fluoranthene
Concen: 56.909 ng
RT: 23.977 min Scan# 3505
Delta R.T. -0.003 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45

Tgt Ion:252 Resp: 654124
Ion Ratio Lower Upper
252 100
253 22.5 18.0 27.0
125 5.9 4.6 6.8





#89

Benzo(k)fluoranthene

Concen: 54.585 ng

RT: 24.041 min Scan# 3

Delta R.T. -0.003 min

Lab File: BG053550.D

Acq: 13 May 2022 19:45

Instrument :

BNA_G

ClientSampleId :

SB16MS

Tgt Ion:252 Resp: 616530

Ion Ratio Lower Upper

252 100

253 22.3 18.4 27.6

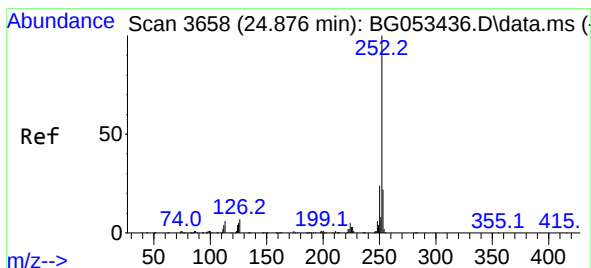
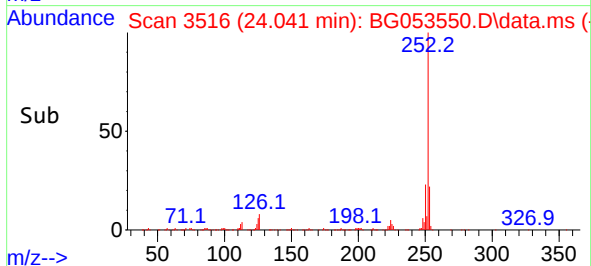
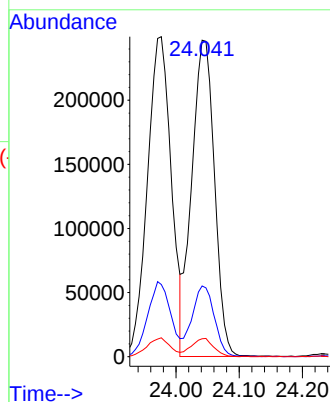
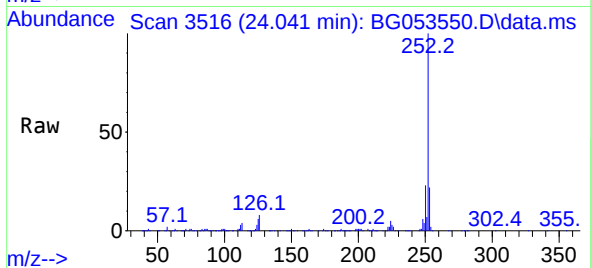
125 5.7 4.8 7.2

Manual Integrations

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Reviewed By :Christian Giraldo 05/16/2022

Supervised By :Jagrut Upadhyay 05/16/2022



#90

Benzo(a)pyrene

Concen: 63.858 ng

RT: 24.864 min Scan# 3656

Delta R.T. -0.003 min

Lab File: BG053550.D

Acq: 13 May 2022 19:45

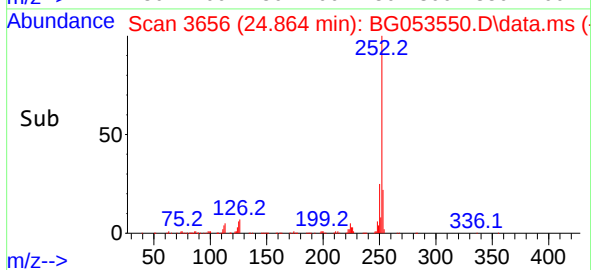
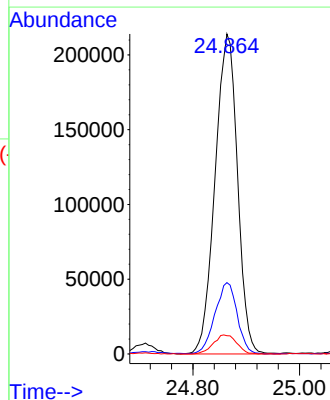
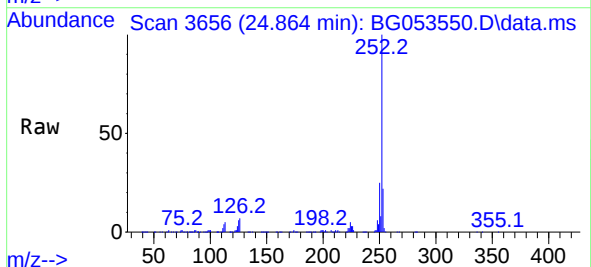
Tgt Ion:252 Resp: 624738

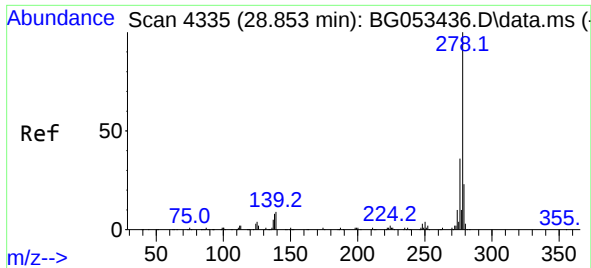
Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

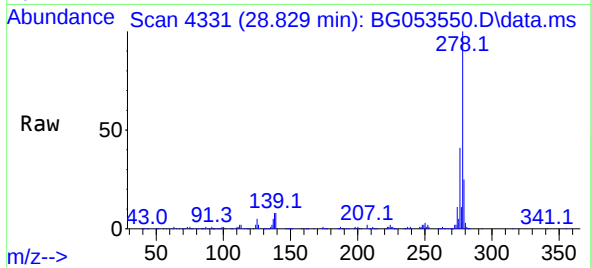
125 5.7 4.3 6.5





#91
Dibenzo(a,h)anthracene
Concen: 53.227 ng
RT: 28.829 min Scan# 41
Delta R.T. -0.009 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45

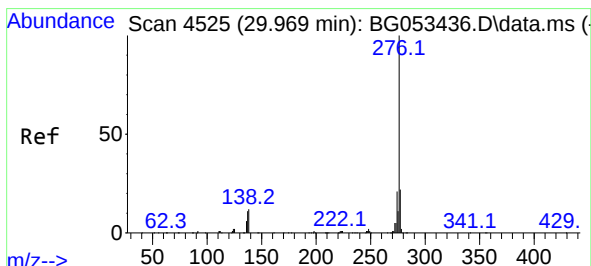
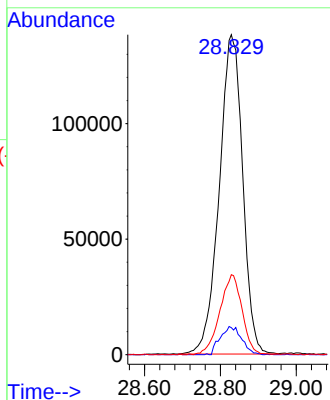
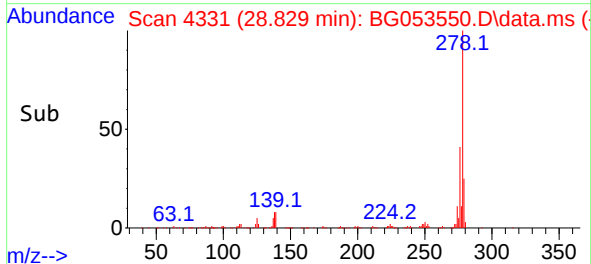
Instrument :
BNA_G
ClientSampleId :
SB16MS



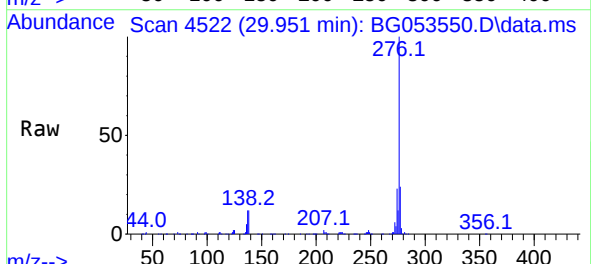
Tgt Ion:278 Resp: 593172
Ion Ratio Lower Upper
278 100
139 8.5 7.2 10.8
279 25.0 18.6 27.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022



#92
Benzo(g,h,i)perylene
Concen: 55.127 ng
RT: 29.951 min Scan# 4522
Delta R.T. -0.003 min
Lab File: BG053550.D
Acq: 13 May 2022 19:45



Tgt Ion:276 Resp: 608964
Ion Ratio Lower Upper
276 100
277 24.0 17.3 25.9
138 12.2 9.6 14.4

