

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042822\
 Data File : BG053362.D
 Acq On : 28 Apr 2022 12:06
 Operator : CG/JU
 Sample : PB144408BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB144408BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/29/2022
 Supervised By : Jagrut Upadhyay 04/29/2022

Quant Time: Apr 29 03:21:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 01:13:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.100	152	30608	20.000	ng	-0.01
21) Naphthalene-d8	10.914	136	133587	20.000	ng	# 0.00
39) Acenaphthene-d10	14.726	164	99548	20.000	ng	0.00
64) Phenanthrene-d10	17.475	188	244167	20.000	ng	0.00
76) Chrysene-d12	21.764	240	252064	20.000	ng	0.00
86) Perylene-d12	25.053	264	250908	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.668	112	254920	142.766	ng	0.00
7) Phenol-d6	7.266	99	368032	133.658	ng	0.00
23) Nitrobenzene-d5	9.269	82	252405	76.718	ng	0.00
42) 2,4,6-Tribromophenol	16.218	330	184364	116.408	ng	0.00
45) 2-Fluorobiphenyl	13.351	172	563900	78.109	ng	0.00
79) Terphenyl-d14	20.078	244	1131344	75.803	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.547	88	25724	30.167	ng	96
3) Pyridine	3.947	79	62464	27.774	ng	# 84
4) n-Nitrosodimethylamine	3.858	42	46285	41.559	ng	92
6) Aniline	7.424	93	119608	37.481	ng	95
8) 2-Chlorophenol	7.671	128	94166	48.849	ng	93
9) Benzaldehyde	7.236	77	48131m	29.242	ng	
10) Phenol	7.295	94	130334	47.552	ng	89
11) bis(2-Chloroethyl)ether	7.512	93	87440	44.256	ng	93
12) 1,3-Dichlorobenzene	7.994	146	90412	40.363	ng	95
13) 1,4-Dichlorobenzene	8.135	146	92129	40.343	ng	98
14) 1,2-Dichlorobenzene	8.458	146	92253	41.892	ng	98
15) Benzyl Alcohol	8.335	79	105660m	43.171	ng	
16) 2,2'-oxybis(1-Chloropr...	8.628	45	142009	43.051	ng	100
17) 2-Methylphenol	8.546	107	89232	48.110	ng	95
18) Hexachloroethane	9.192	117	35878	41.896	ng	99
19) n-Nitroso-di-n-propyla...	8.905	70	84395	41.865	ng	# 96
20) 3+4-Methylphenols	8.869	107	121194	46.287	ng	96
22) Acetophenone	8.922	105	145344	39.218	ng	96
24) Nitrobenzene	9.310	77	129782	40.555	ng	91
25) Isophorone	9.833	82	236698	42.327	ng	97
26) 2-Nitrophenol	10.021	139	53924	40.297	ng	88
27) 2,4-Dimethylphenol	10.079	122	93161	48.610	ng	91
28) bis(2-Chloroethoxy)met...	10.309	93	124951	39.772	ng	99
29) 2,4-Dichlorophenol	10.561	162	102987	42.746	ng	97
30) 1,2,4-Trichlorobenzene	10.773	180	105573	38.716	ng	93
31) Naphthalene	10.966	128	283718	39.808	ng	99
32) Benzoic acid	10.244	122	45306	37.207	ng	87
33) 4-Chloroaniline	11.066	127	86518	28.347	ng	97
34) Hexachlorobutadiene	11.248	225	77028	38.028	ng	98
35) Caprolactam	11.836	113	33635m	39.606	ng	
36) 4-Chloro-3-methylphenol	12.188	107	115658	41.234	ng	92
37) 2-Methylnaphthalene	12.564	142	208795	39.591	ng	96
38) 1-Methylnaphthalene	12.782	142	203373	39.507	ng	# 95
40) 1,2,4,5-Tetrachloroben...	12.934	216	134609	39.813	ng	98
41) Hexachlorocyclopentadiene	12.911	237	140221	80.340	ng	92
43) 2,4,6-Trichlorophenol	13.169	196	92926	39.864	ng	99

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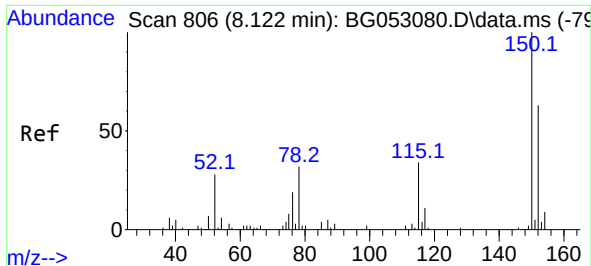
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.246	196	98838	39.789	ng	97
46) 1,1'-Biphenyl	13.563	154	287413	40.092	ng	99
47) 2-Chloronaphthalene	13.610	162	226760	39.647	ng	97
48) 2-Nitroaniline	13.810	65	89123	41.061	ng	94
49) Acenaphthylene	14.450	152	385416	43.048	ng	99
50) Dimethylphthalate	14.180	163	317152	39.832	ng	99
51) 2,6-Dinitrotoluene	14.297	165	68050	40.968	ng	# 81
52) Acenaphthene	14.791	154	279094m	45.967	ng	
53) 3-Nitroaniline	14.632	138	55861	31.804	ng	93
54) 2,4-Dinitrophenol	14.844	184	84151	79.620	ng	91
55) Dibenzofuran	15.126	168	368988	38.812	ng	97
56) 4-Nitrophenol	14.949	139	110100	82.190	ng	# 82
57) 2,4-Dinitrotoluene	15.090	165	99437	42.048	ng	94
58) Fluorene	15.772	166	305084	39.732	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.355	232	93303	38.677	ng	99
60) Diethylphthalate	15.537	149	317748	38.088	ng	98
61) 4-Chlorophenyl-phenyle...	15.760	204	168864	38.794	ng	96
62) 4-Nitroaniline	15.795	138	71947	38.819	ng	# 79
63) Azobenzene	16.054	77	322346	38.324	ng	98
65) 4,6-Dinitro-2-methylph...	15.854	198	62233	36.533	ng	99
66) n-Nitrosodiphenylamine	15.977	169	276214	39.339	ng	100
67) 4-Bromophenyl-phenylether	16.653	248	120079	38.381	ng	95
68) Hexachlorobenzene	16.788	284	131360	38.770	ng	95
69) Atrazine	16.917	200	121071	44.143	ng	98
70) Pentachlorophenol	17.129	266	144709	78.148	ng	93
71) Phenanthrene	17.516	178	522757	39.196	ng	98
72) Anthracene	17.605	178	525668	39.785	ng	98
73) Carbazole	17.875	167	497000	38.696	ng	100
74) Di-n-butylphthalate	18.421	149	576576	39.583	ng	98
75) Fluoranthene	19.525	202	691969	40.476	ng	99
77) Benzidine	19.696	184	228189	31.729	ng	98
78) Pyrene	19.884	202	689448	38.405	ng	99
80) Butylbenzylphthalate	20.759	149	261704	39.102	ng	97
81) Benzo(a)anthracene	21.740	228	689237	39.992	ng	98
82) 3,3'-Dichlorobenzidine	21.646	252	192166	30.319	ng	98
83) Chrysene	21.811	228	615922	38.508	ng	99
84) Bis(2-ethylhexyl)phtha...	21.628	149	367246	40.594	ng	99
85) Di-n-octyl phthalate	22.862	149	622965	41.174	ng	97
87) Indeno(1,2,3-cd)pyrene	28.836	276	761518	40.852	ng	99
88) Benzo(b)fluoranthene	24.008	252	718050	45.358	ng	98
89) Benzo(k)fluoranthene	24.078	252	656215	42.177	ng	99
90) Benzo(a)pyrene	24.901	252	678285	50.294	ng	99
91) Dibenzo(a,h)anthracene	28.889	278	662579	43.186	ng	98
92) Benzo(g,h,i)perylene	30.017	276	663539	43.879	ng	98

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



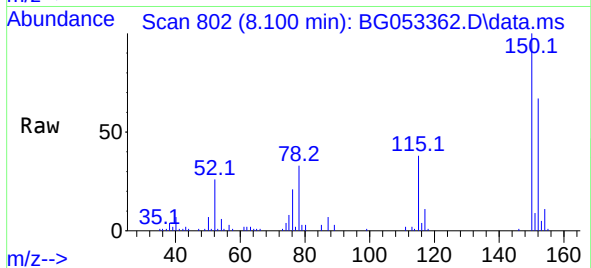
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.100 min Scan# 80
Delta R.T. -0.013 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06

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PB144408BS

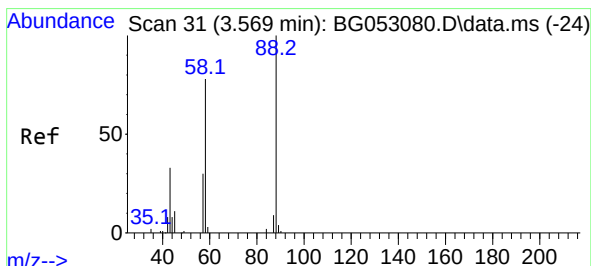
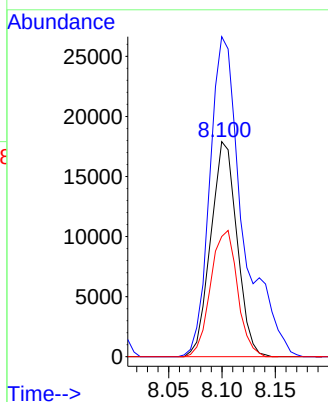
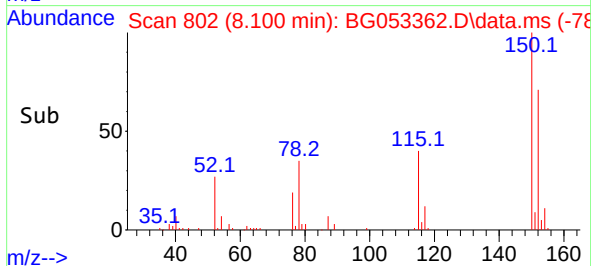


Tgt Ion:152 Resp: 3060
Ion Ratio Lower Upper
152 100
150 148.9 114.6 172.0
115 55.9 45.9 68.9

Manual Integrations

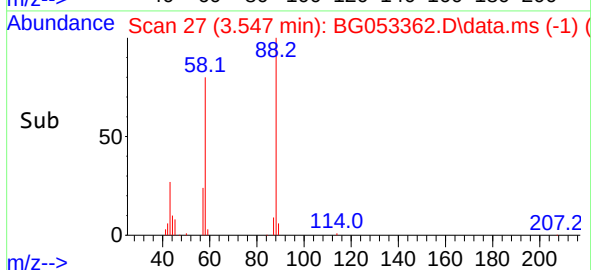
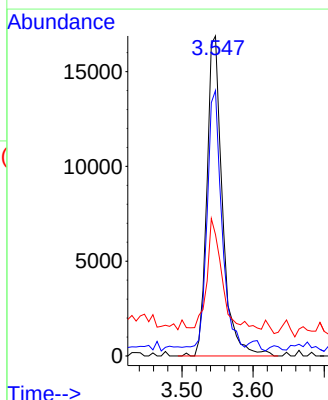
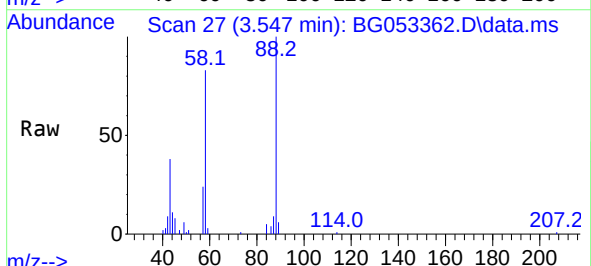
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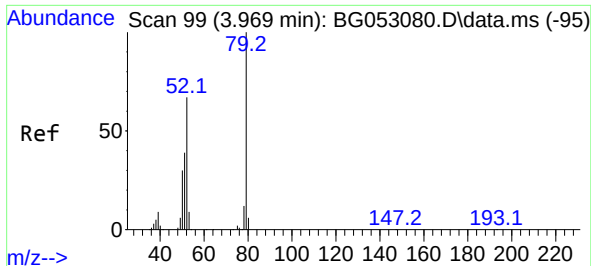
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022



#2
1,4-Dioxane
Concen: 30.167 ng
RT: 3.547 min Scan# 27
Delta R.T. -0.008 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06

Tgt Ion: 88 Resp: 25724
Ion Ratio Lower Upper
88 100
58 75.0 58.2 87.2
43 33.3 23.4 35.0





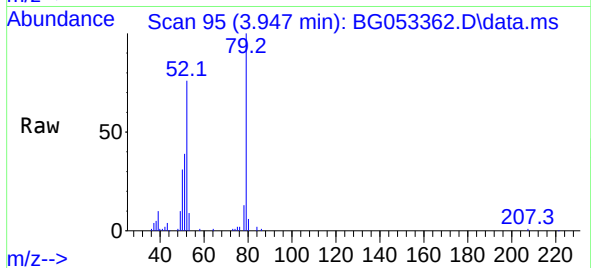
#3
Pyridine
Concen: 27.774 ng
RT: 3.947 min Scan# 91
Delta R.T. -0.014 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06

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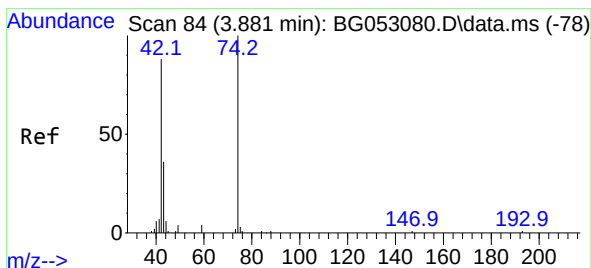
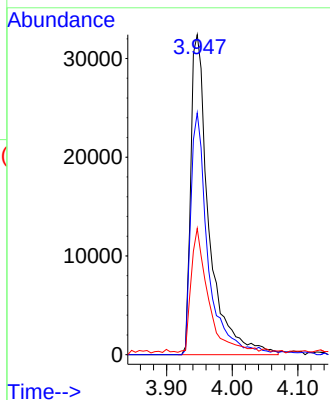
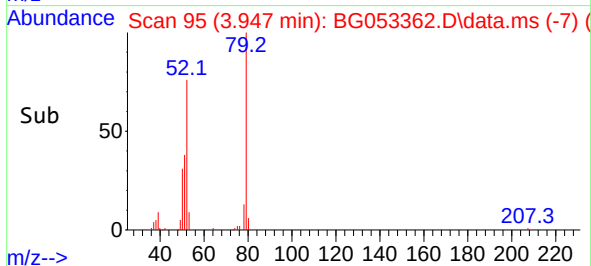


Tgt Ion: 79 Resp: 62464
Ion Ratio Lower Upper
79 100
52 75.5 50.9 76.3
51 39.5 24.4 36.6

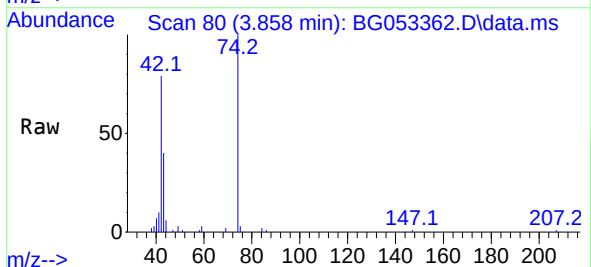
Manual Integrations

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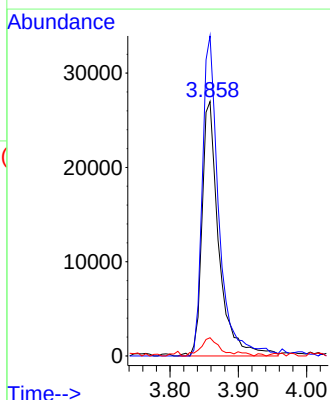
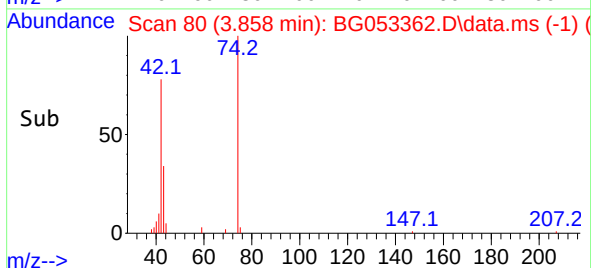
Reviewed By :Christian Giraldo 04/29/2022
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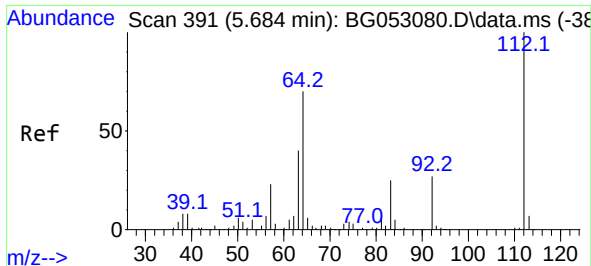


#4
n-Nitrosodimethylamine
Concen: 41.559 ng
RT: 3.858 min Scan# 80
Delta R.T. -0.008 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06



Tgt Ion: 42 Resp: 46285
Ion Ratio Lower Upper
42 100
74 125.8 108.9 163.3
44 7.2 5.7 8.5





#5
2-Fluorophenol
Concen: 142.766 ng
RT: 5.668 min Scan# 31
Delta R.T. -0.008 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06

Instrument :

BNA_G

ClientSampleId :

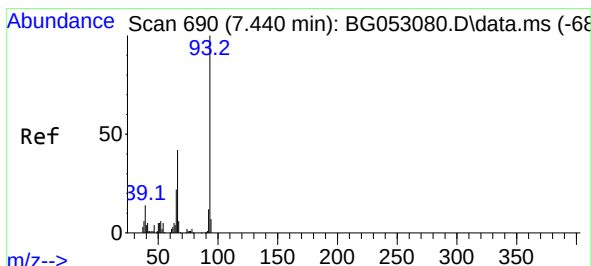
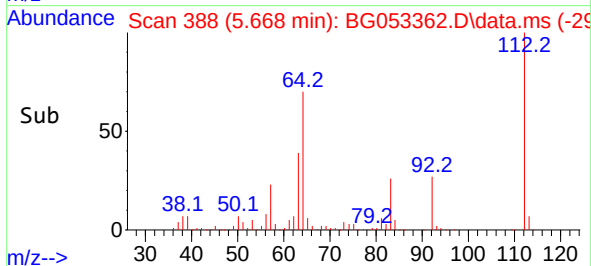
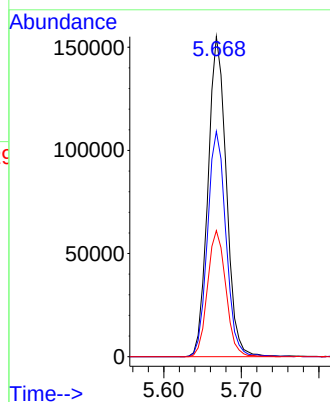
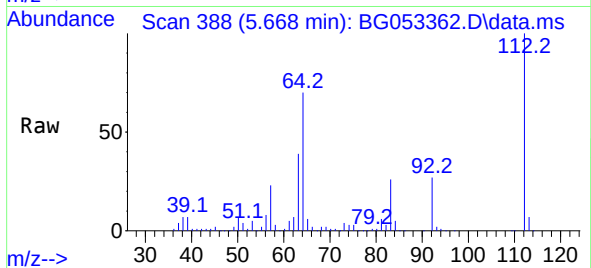
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Tgt Ion:112 Resp: 254920
Ion Ratio Lower Upper
112 100
64 70.4 48.0 72.0
63 39.4 26.5 39.7

Manual Integrations

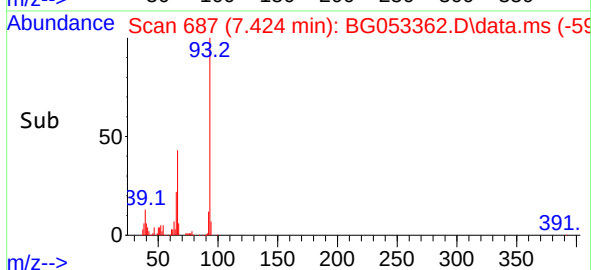
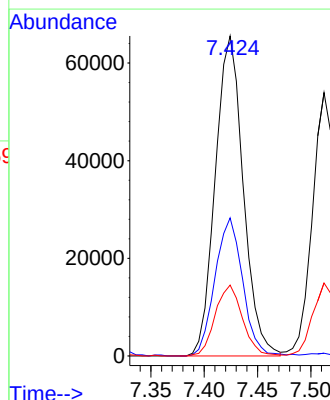
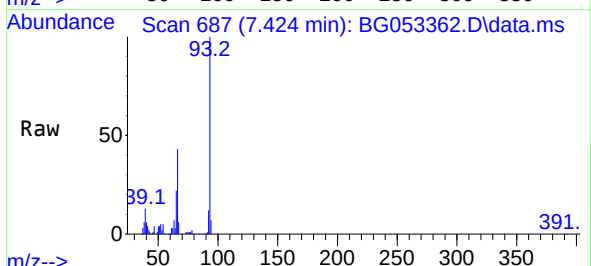
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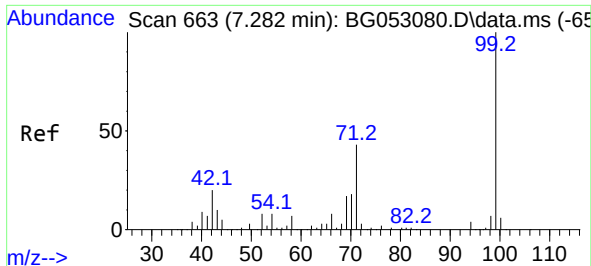
Reviewed By :Christian Giraldo 04/29/2022
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#6
Aniline
Concen: 37.481 ng
RT: 7.424 min Scan# 687
Delta R.T. -0.008 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06

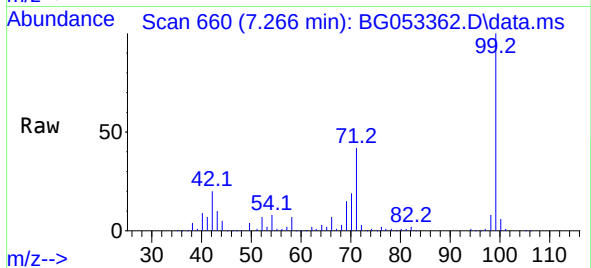
Tgt Ion: 93 Resp: 119608
Ion Ratio Lower Upper
93 100
66 43.1 31.3 46.9
65 22.2 16.7 25.1





#7
Phenol-d6
Concen: 133.658 ng
RT: 7.266 min Scan# 601
Delta R.T. -0.008 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06

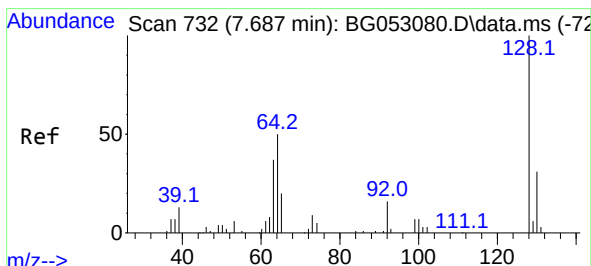
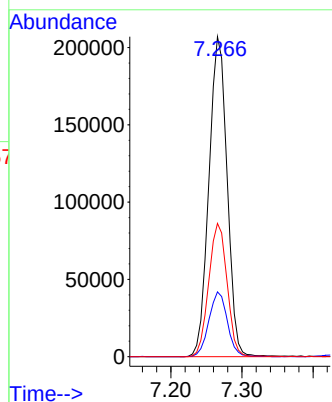
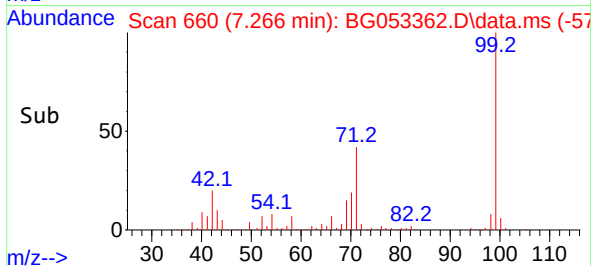
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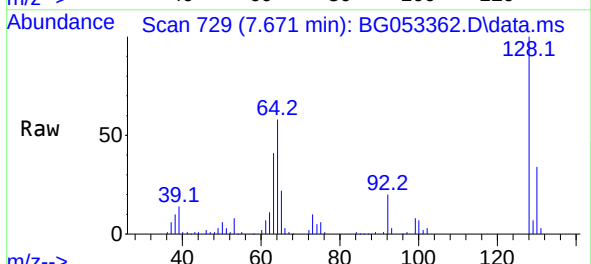
Tgt Ion: 99 Resp: 36803
Ion Ratio Lower Upper
99 100
42 20.3 14.7 22.1
71 41.6 29.2 43.8

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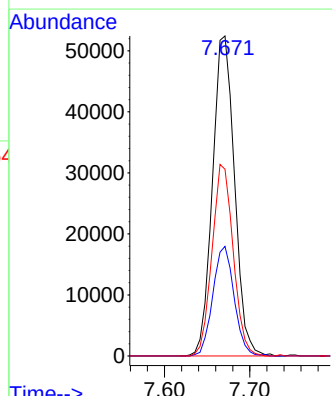
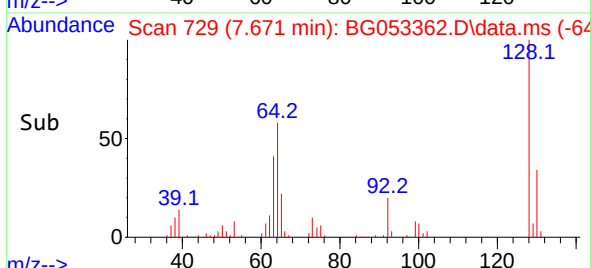
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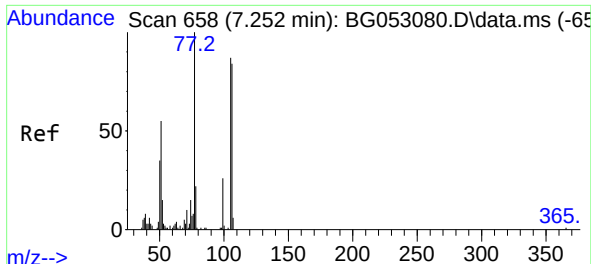


#8
2-Chlorophenol
Concen: 48.849 ng
RT: 7.671 min Scan# 729
Delta R.T. -0.008 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06



Tgt Ion:128 Resp: 94166
Ion Ratio Lower Upper
128 100
130 34.2 13.4 53.4
64 58.4 30.9 70.9





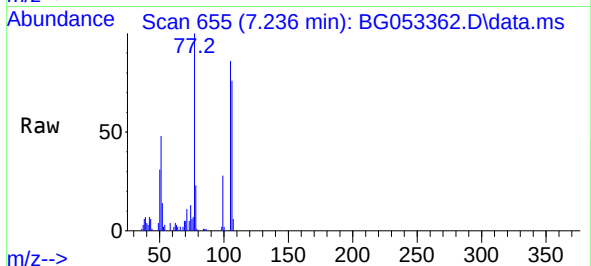
#9
Benzaldehyde
Concen: 29.242 ng m
RT: 7.236 min Scan# 61
Delta R.T. -0.008 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06

Instrument :

BNA_G

ClientSampleId :

PB144408BS

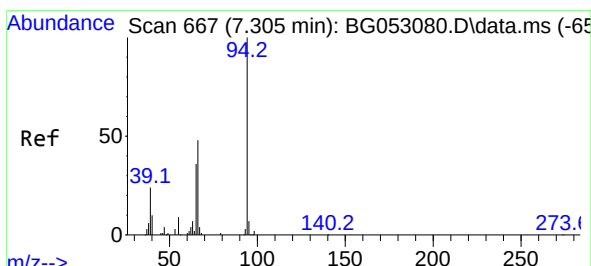
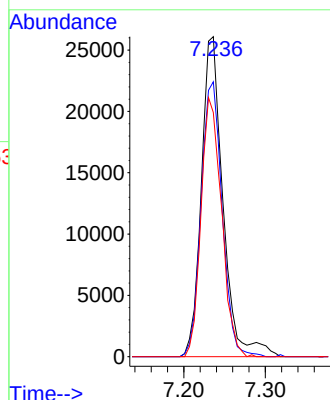
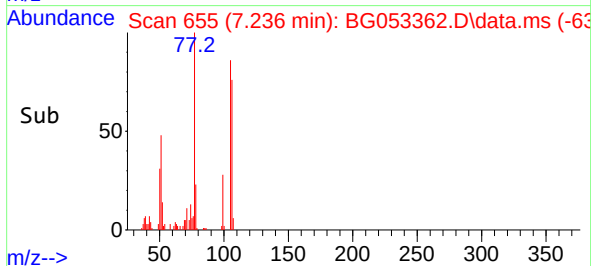


Tgt Ion: 77 Resp: 4813
Ion Ratio Lower Upper
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105 85.9 70.6 110.6
106 76.3 67.6 107.6

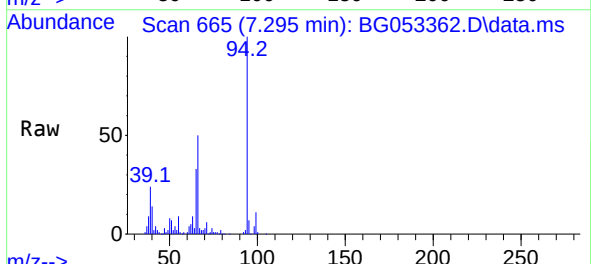
Manual Integrations

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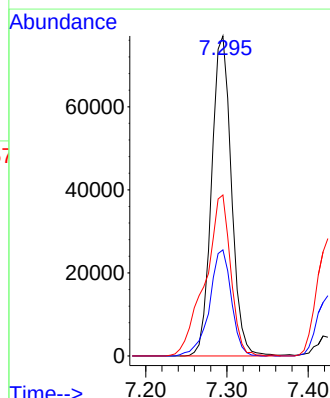
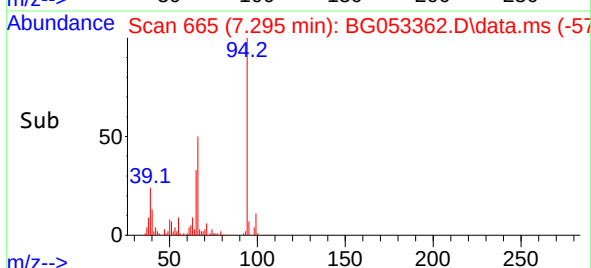
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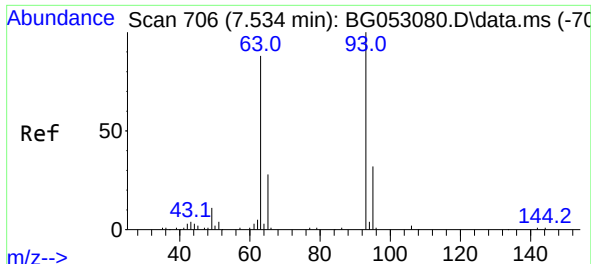


#10
Phenol
Concen: 47.552 ng
RT: 7.295 min Scan# 665
Delta R.T. -0.002 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06



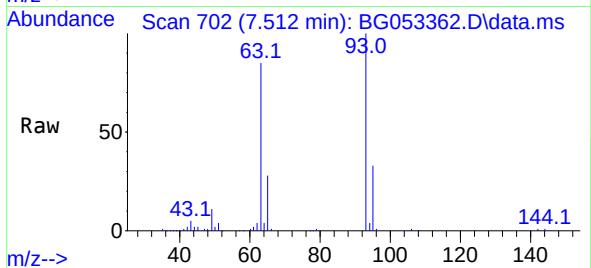
Tgt Ion: 94 Resp: 130334
Ion Ratio Lower Upper
94 100
65 33.2 11.1 51.1
66 50.3 20.0 60.0





#11
bis(2-Chloroethyl)ether
Concen: 44.256 ng
RT: 7.512 min Scan# 706
Delta R.T. -0.014 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06

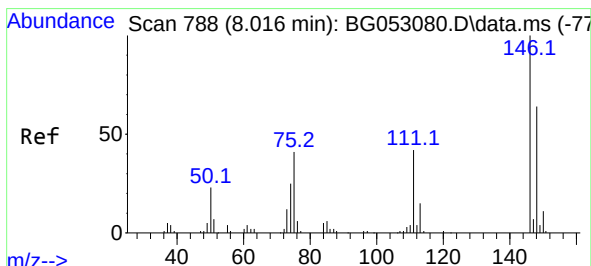
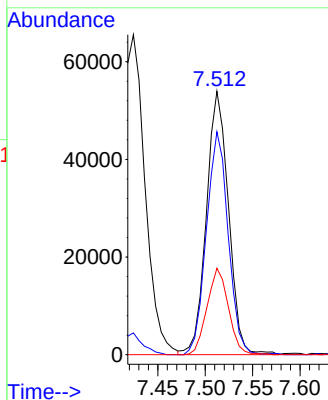
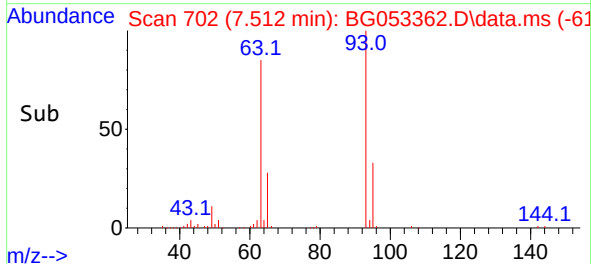
Instrument :
BNA_G
ClientSampleId :
PB144408BS



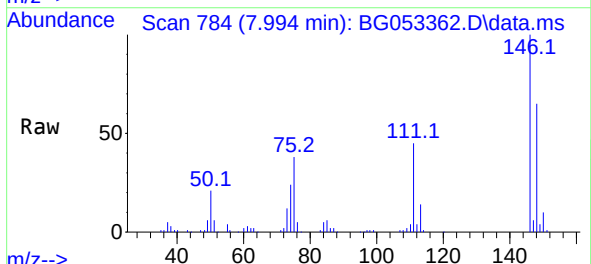
Tgt Ion: 93 Resp: 87440
Ion Ratio Lower Upper
93 100
63 84.6 56.9 96.9
95 32.8 14.5 54.5

Manual Integrations
APPROVED

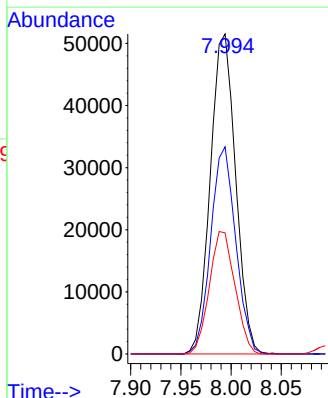
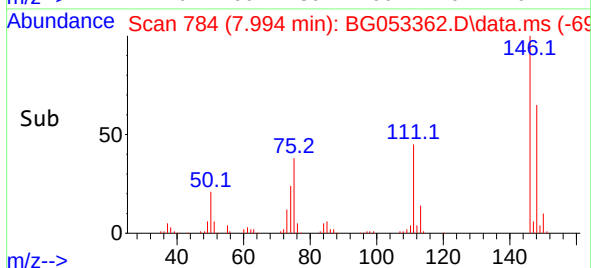
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022



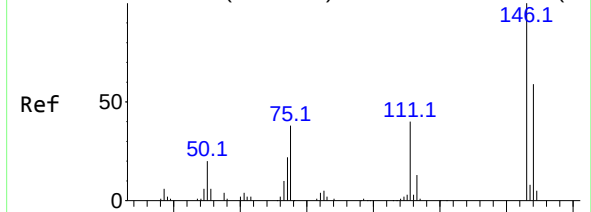
#12
1,3-Dichlorobenzene
Concen: 40.363 ng
RT: 7.994 min Scan# 784
Delta R.T. -0.008 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06



Tgt Ion:146 Resp: 90412
Ion Ratio Lower Upper
146 100
148 64.8 50.6 76.0
75 37.9 25.9 38.9

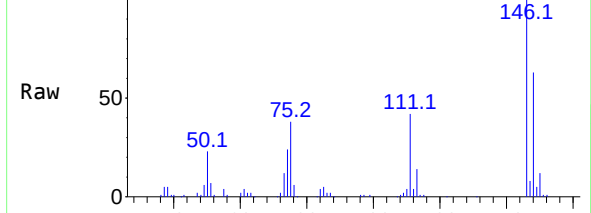


Abundance Scan 812 (8.157 min): BG053080.D\data.ms (-80



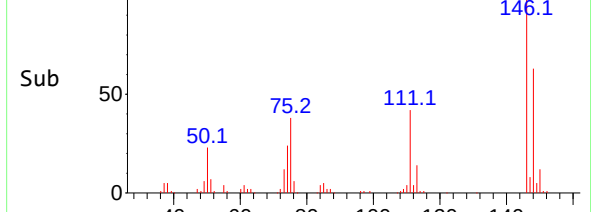
m/z-->

Abundance Scan 808 (8.135 min): BG053362.D\data.ms



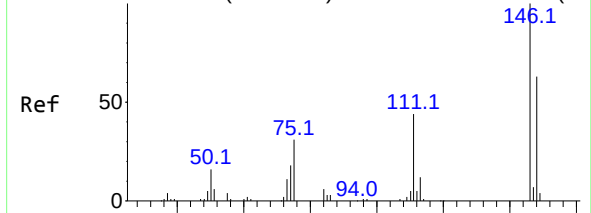
m/z-->

Abundance Scan 808 (8.135 min): BG053362.D\data.ms (-72



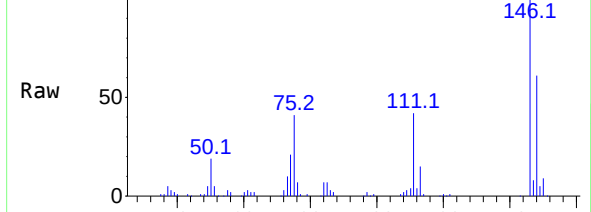
m/z-->

Abundance Scan 867 (8.480 min): BG053080.D\data.ms (-85



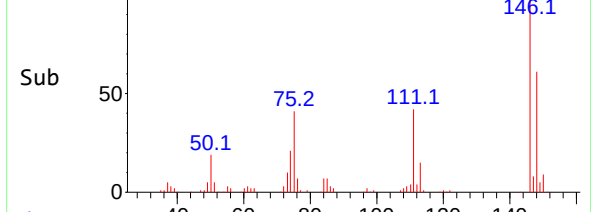
m/z-->

Abundance Scan 863 (8.458 min): BG053362.D\data.ms



m/z-->

Abundance Scan 863 (8.458 min): BG053362.D\data.ms (-77



m/z-->

#13

1,4-Dichlorobenzene

Concen: 40.343 ng

RT: 8.135 min Scan# 80

Delta R.T. -0.014 min

Lab File: BG053362.D

Acq: 28 Apr 2022 12:06

Tgt Ion:146 Resp: 92129

Ion Ratio Lower Upper

146 100

148 62.5 50.0 75.0

111 41.7 31.0 46.4

Instrument :

BNA_G

ClientSampleId :

PB144408BS

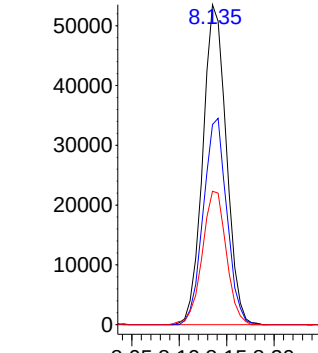
Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/29/2022

Supervised By :Jagrut Upadhyay 04/29/2022

Abundance



Time-->

#14

1,2-Dichlorobenzene

Concen: 41.892 ng

RT: 8.458 min Scan# 863

Delta R.T. -0.014 min

Lab File: BG053362.D

Acq: 28 Apr 2022 12:06

Tgt Ion:146 Resp: 92253

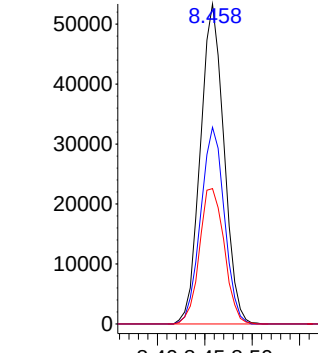
Ion Ratio Lower Upper

146 100

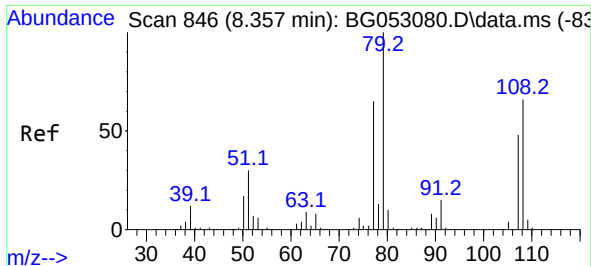
148 61.5 51.0 76.6

111 42.3 34.7 52.1

Abundance



Time-->



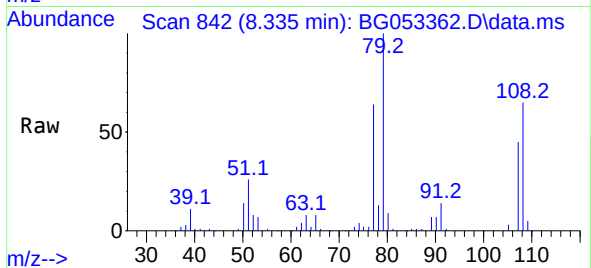
#15
Benzyl Alcohol
Concen: 43.171 ng m
RT: 8.335 min Scan# 846
Delta R.T. -0.008 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06

Instrument :

BNA_G

ClientSampleId :

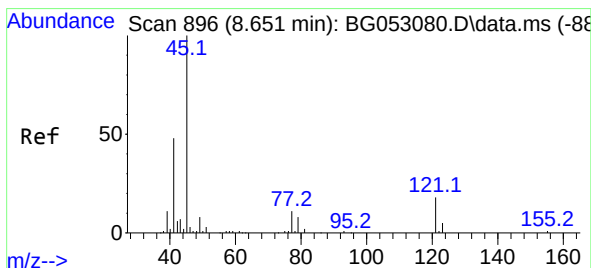
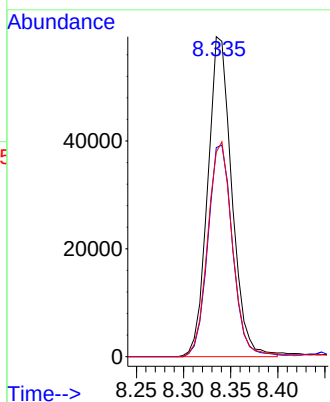
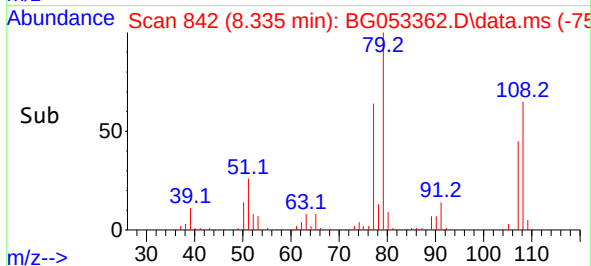
PB144408BS



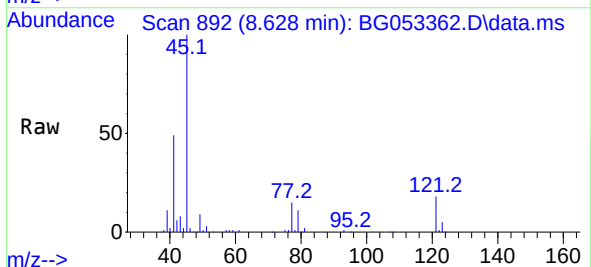
Tgt Ion: 79 Resp: 105660
Ion Ratio Lower Upper
79 100
108 65.4 55.1 82.7
77 63.9 52.4 78.6

Manual Integrations
APPROVED

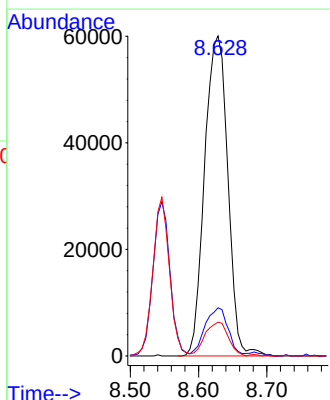
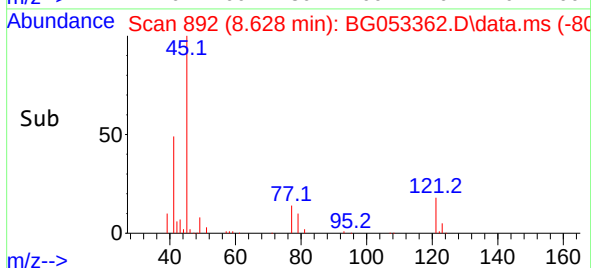
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022

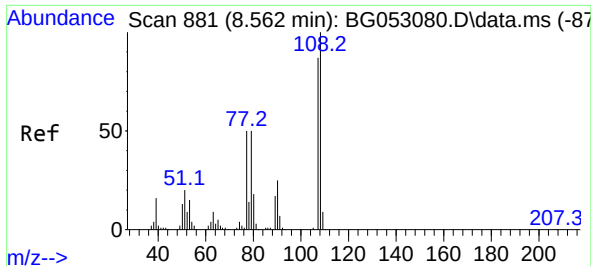


#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.051 ng
RT: 8.628 min Scan# 892
Delta R.T. -0.008 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06



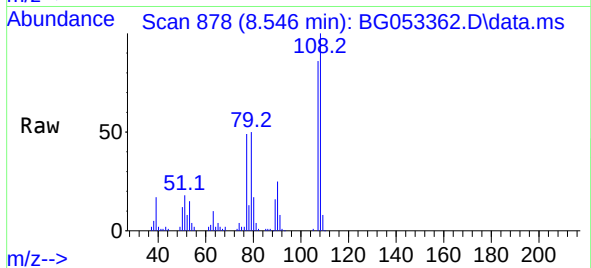
Tgt Ion: 45 Resp: 142009
Ion Ratio Lower Upper
45 100
77 15.0 0.0 34.9
79 10.6 0.0 30.7





#17
2-Methylphenol
Concen: 48.110 ng
RT: 8.546 min Scan# 81
Delta R.T. -0.008 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06

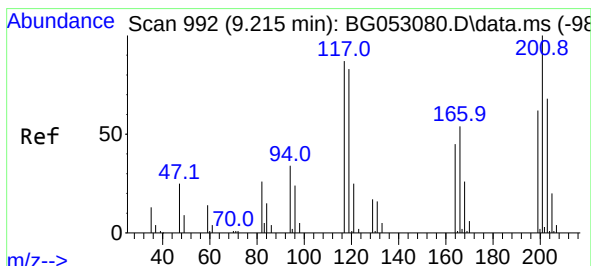
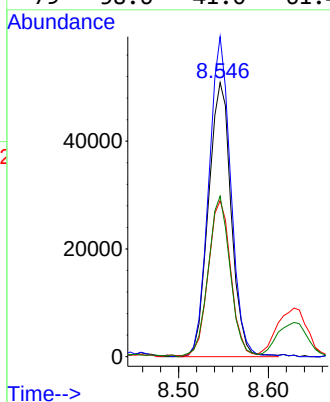
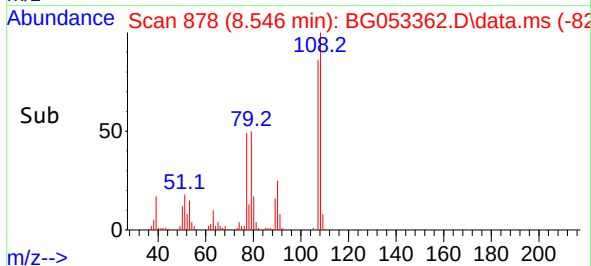
Instrument :
BNA_G
ClientSampleId :
PB144408BS



Tgt Ion:	107	Resp:	8923
Ion	Ratio	Lower	Upper
107	100		
108	116.8	91.5	137.3
77	56.9	42.5	63.7
79	58.6	41.0	61.4

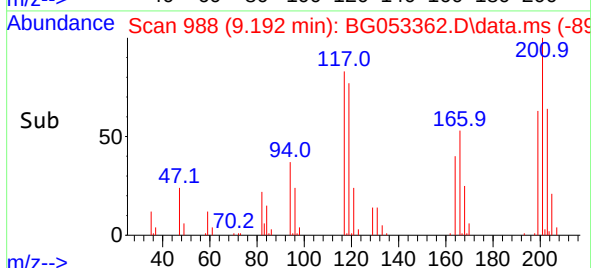
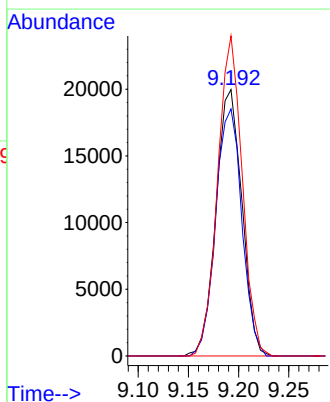
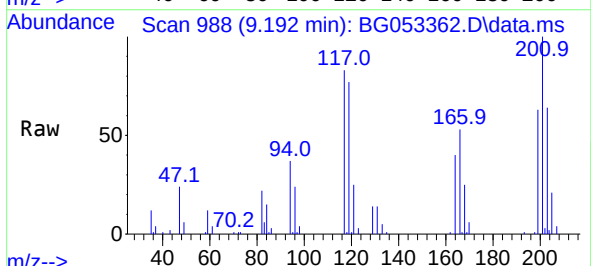
Manual Integrations
APPROVED

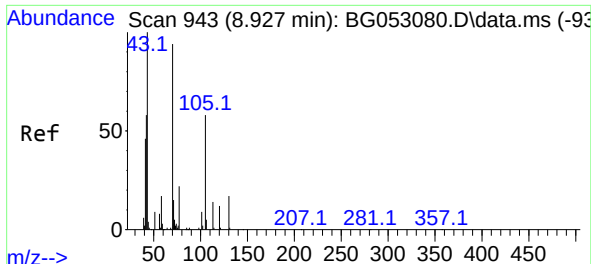
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022



#18
Hexachloroethane
Concen: 41.896 ng
RT: 9.192 min Scan# 988
Delta R.T. -0.008 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06

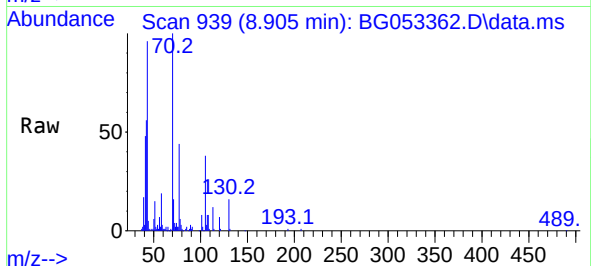
Tgt Ion:	117	Resp:	35878
Ion	Ratio	Lower	Upper
117	100		
119	92.7	75.1	112.7
201	120.1	96.6	145.0





#19
n-Nitroso-di-n-propylamine
Concen: 41.865 ng
RT: 8.905 min Scan# 91
Delta R.T. -0.008 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06

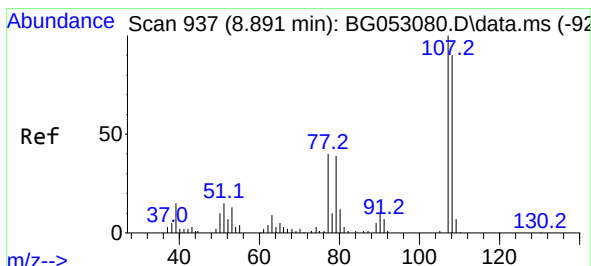
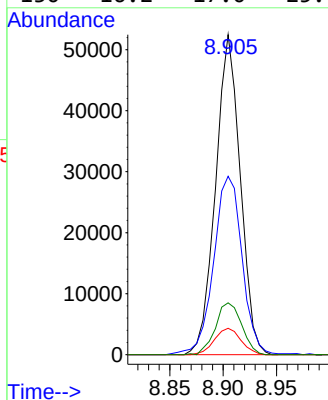
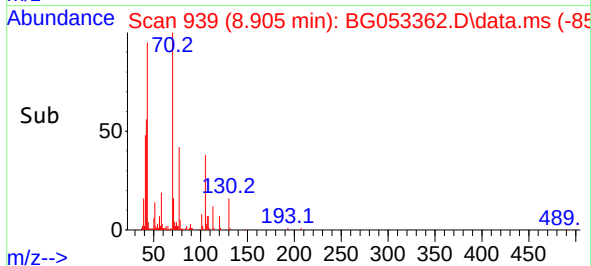
Instrument :
BNA_G
ClientSampleId :
PB144408BS



Tgt Ion: 70 Resp: 8439
Ion Ratio Lower Upper
70 100
42 55.7 46.0 69.0
101 8.3 6.2 9.4
130 16.2 17.0 25.4#

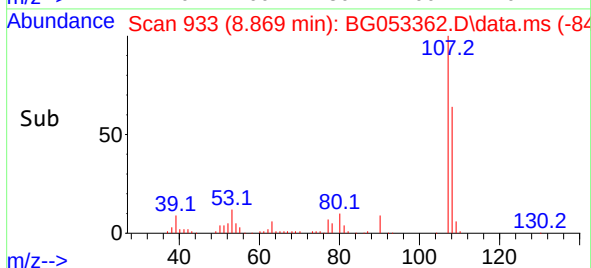
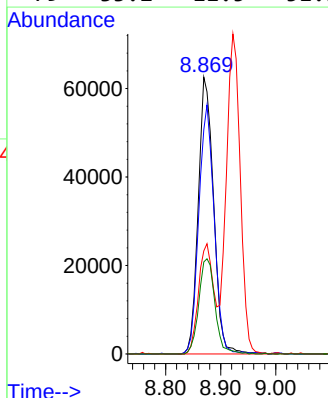
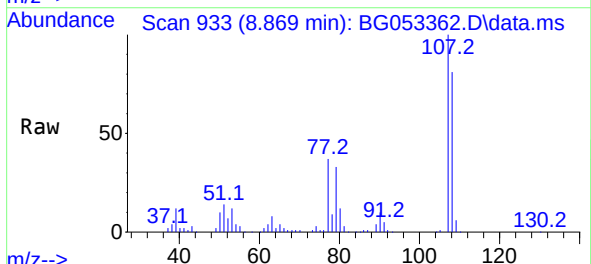
Manual Integrations
APPROVED

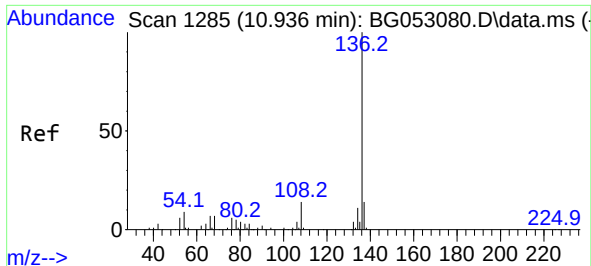
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022



#20
3+4-Methylphenols
Concen: 46.287 ng
RT: 8.869 min Scan# 933
Delta R.T. -0.014 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06

Tgt Ion:107 Resp: 121194
Ion Ratio Lower Upper
107 100
108 80.9 64.8 104.8
77 37.2 15.9 55.9
79 33.2 11.5 51.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.914 min Scan# 10
Delta R.T. -0.008 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06

Instrument :

BNA_G

ClientSampleId :

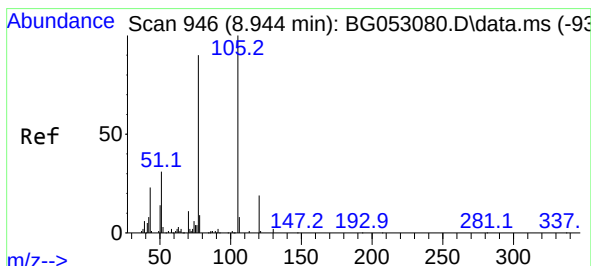
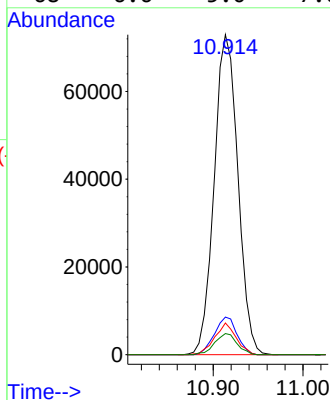
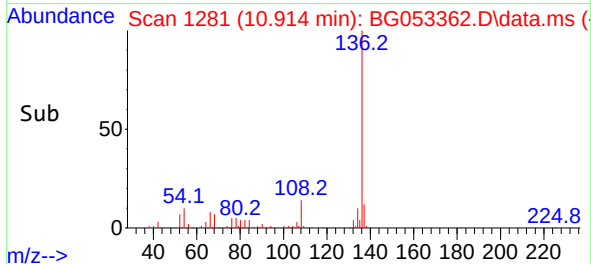
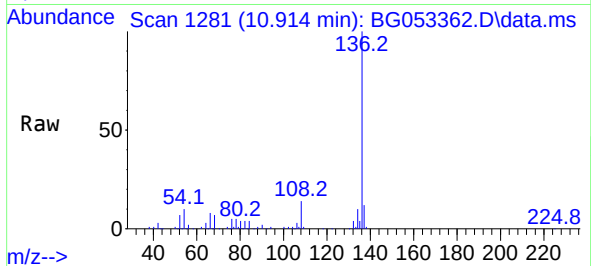
PB144408BS

Tgt Ion:136 Resp: 13358
Ion Ratio Lower Upper
136 100
137 11.8 9.4 14.2
54 9.9 6.4 9.6
68 6.6 5.0 7.6

Manual Integrations

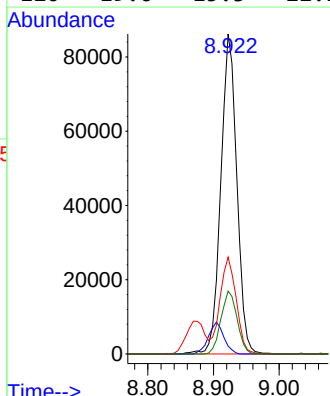
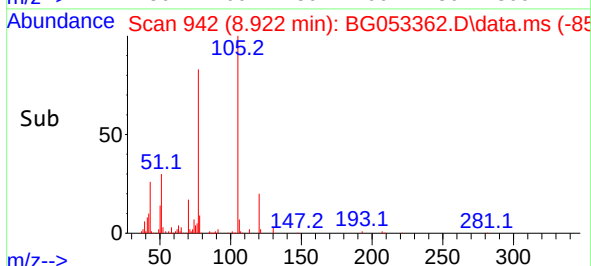
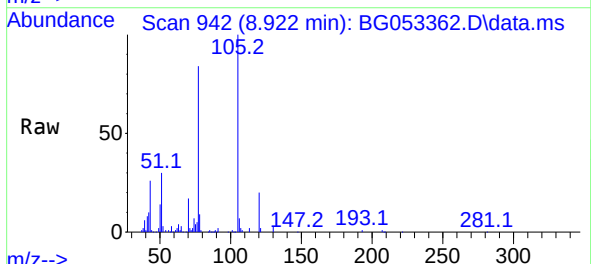
APPROVED

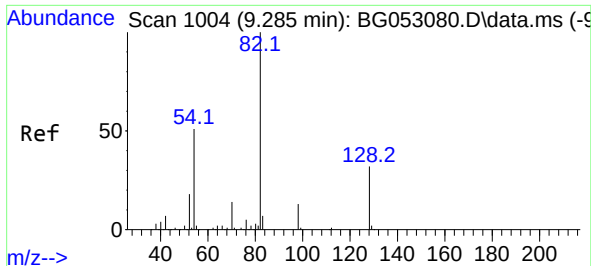
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022



#22
Acetophenone
Concen: 39.218 ng
RT: 8.922 min Scan# 942
Delta R.T. -0.008 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06

Tgt Ion:105 Resp: 145344
Ion Ratio Lower Upper
105 100
71 2.5 2.1 3.1
51 30.2 21.9 32.9
120 19.6 15.3 22.9





#23
Nitrobenzene-d5
Concen: 76.718 ng
RT: 9.269 min Scan# 1004
Delta R.T. -0.008 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06

Instrument :

BNA_G

ClientSampleId :

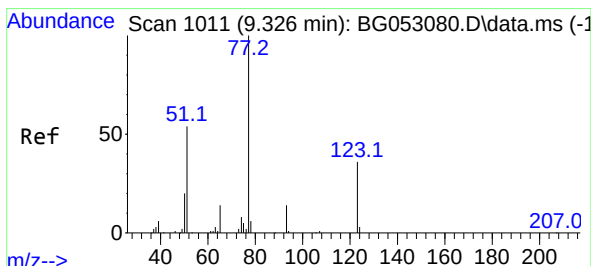
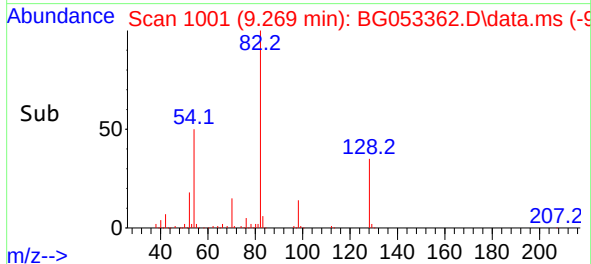
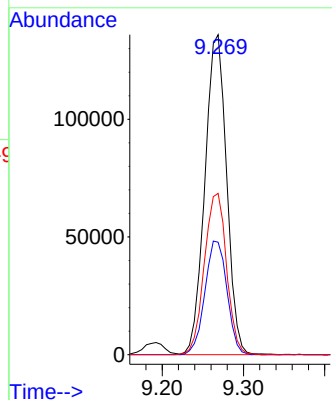
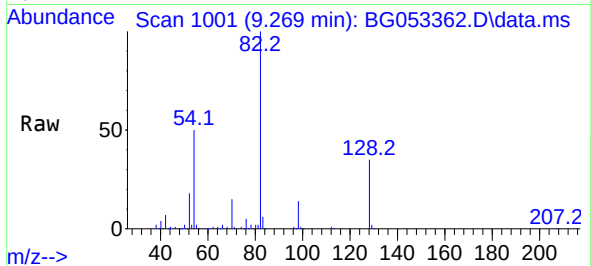
PB144408BS

Tgt Ion: 82 Resp: 25240
Ion Ratio Lower Upper
82 100
128 35.2 31.3 46.9
54 50.4 37.8 56.8

Manual Integrations

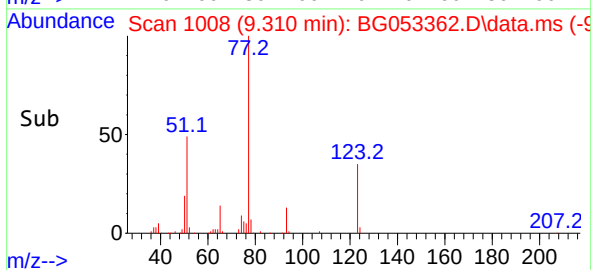
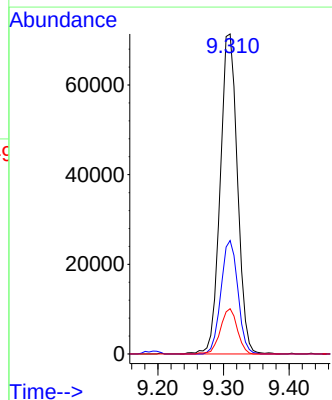
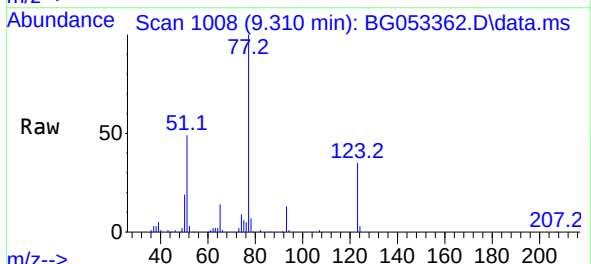
APPROVED

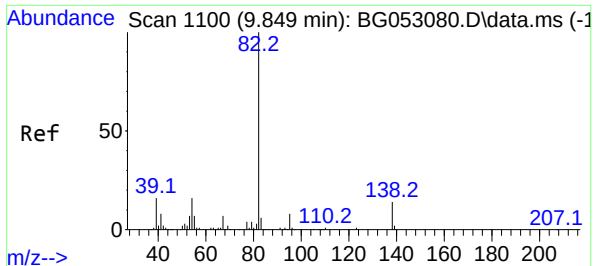
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022



#24
Nitrobenzene
Concen: 40.555 ng
RT: 9.310 min Scan# 1008
Delta R.T. -0.008 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06

Tgt Ion: 77 Resp: 129782
Ion Ratio Lower Upper
77 100
123 35.5 34.4 51.6
65 14.1 11.2 16.8





#25
Isophorone
Concen: 42.327 ng
RT: 9.833 min Scan# 1100
Delta R.T. -0.008 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06

Instrument :

BNA_G

ClientSampleId :

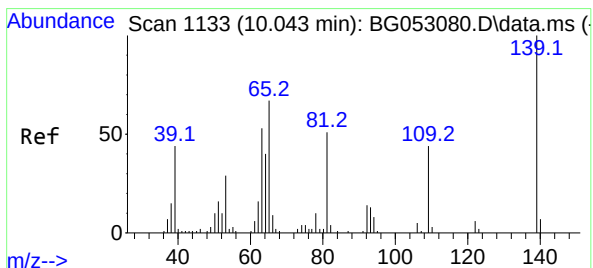
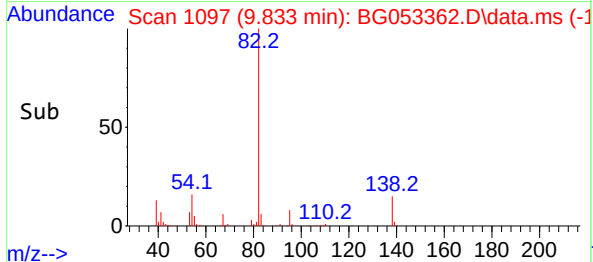
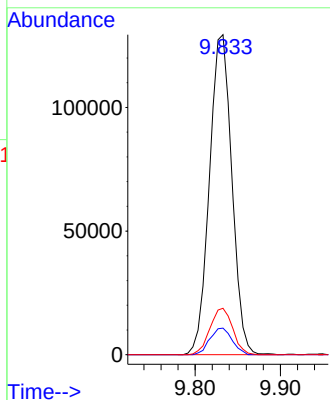
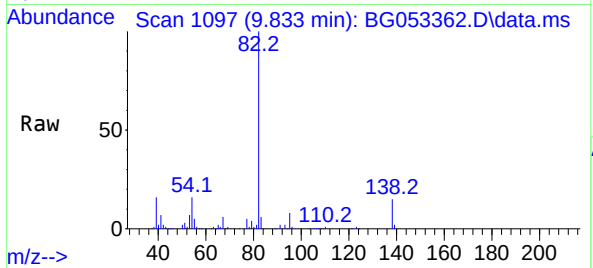
PB144408BS

Tgt Ion: 82 Resp: 236698
Ion Ratio Lower Upper
82 100
95 8.3 5.8 8.6
138 14.5 12.6 18.8

Manual Integrations

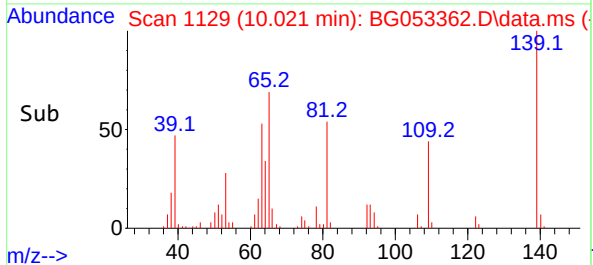
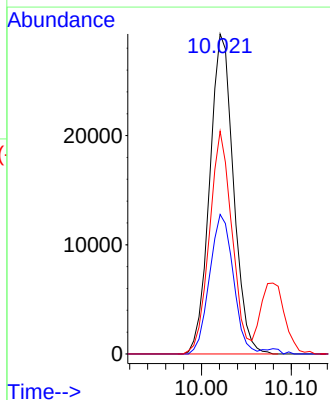
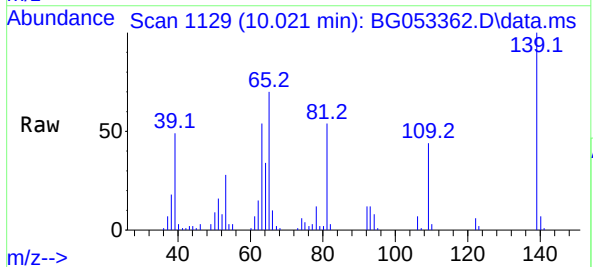
APPROVED

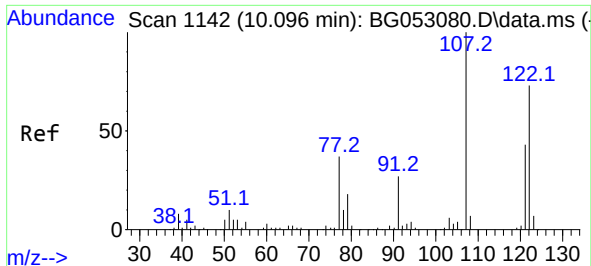
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022



#26
2-Nitrophenol
Concen: 40.297 ng
RT: 10.021 min Scan# 1129
Delta R.T. -0.008 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06

Tgt Ion:139 Resp: 53924
Ion Ratio Lower Upper
139 100
109 43.6 29.4 44.0
65 69.6 48.2 72.2





#27

2,4-Dimethylphenol

Concen: 48.610 ng

RT: 10.079 min Scan# 1142

Delta R.T. -0.008 min

Lab File: BG053362.D

Acq: 28 Apr 2022 12:06

Instrument :

BNA_G

ClientSampleId :

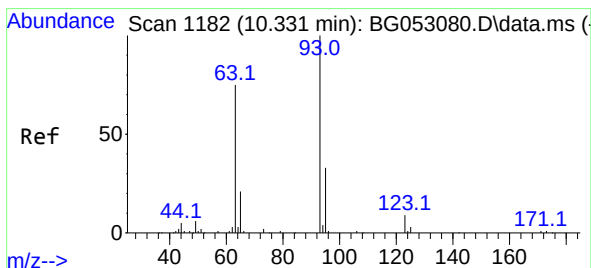
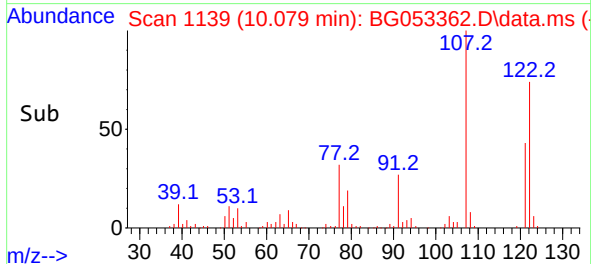
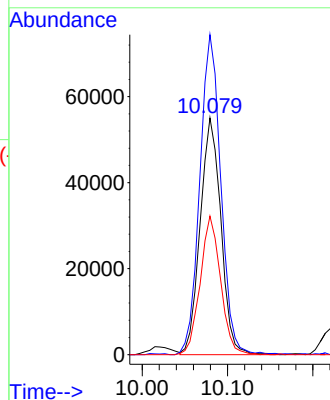
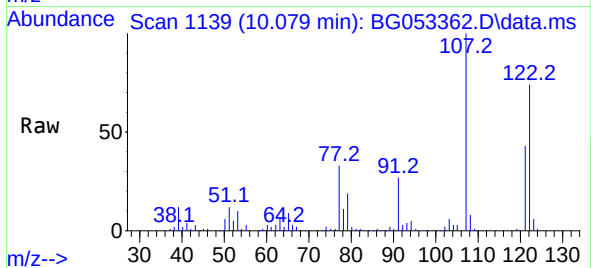
PB144408BS

Tgt Ion:122 Resp: 9316
 Ion Ratio Lower Upper
 122 100
 107 135.2 96.7 145.1
 121 58.5 46.3 69.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/29/2022
 Supervised By :Jagrut Upadhyay 04/29/2022



#28

bis(2-Chloroethoxy)methane

Concen: 39.772 ng

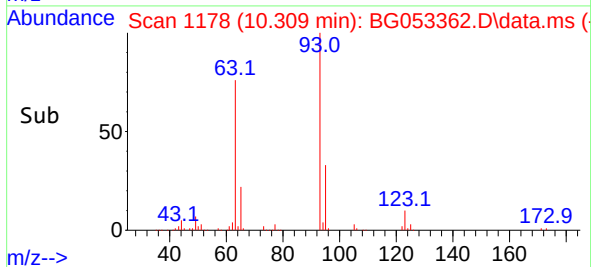
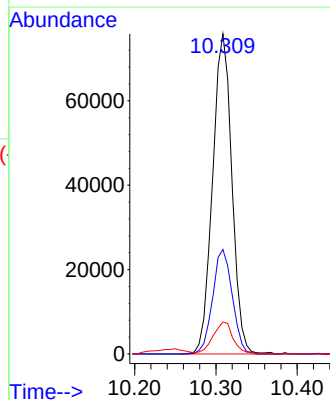
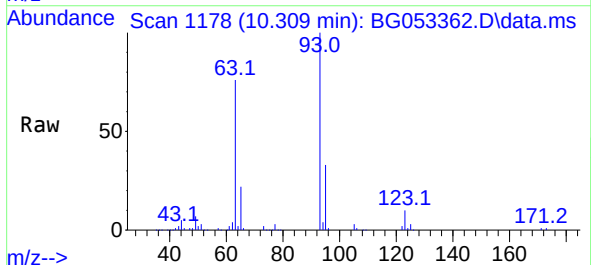
RT: 10.309 min Scan# 1178

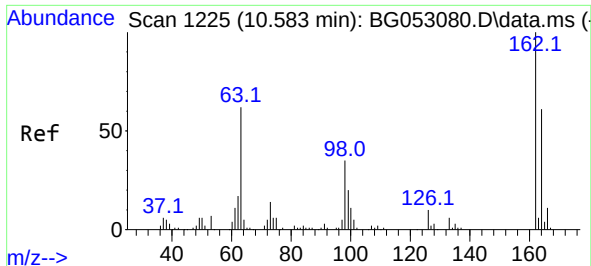
Delta R.T. -0.008 min

Lab File: BG053362.D

Acq: 28 Apr 2022 12:06

Tgt Ion: 93 Resp: 124951
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.5 39.7
 123 10.0 8.6 12.8





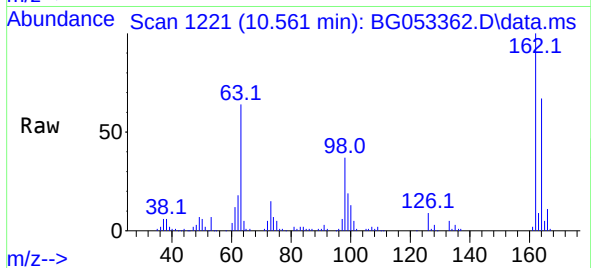
#29
2,4-Dichlorophenol
Concen: 42.746 ng
RT: 10.561 min Scan# 11
Delta R.T. -0.014 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06

Instrument :

BNA_G

ClientSampleId :

PB144408BS

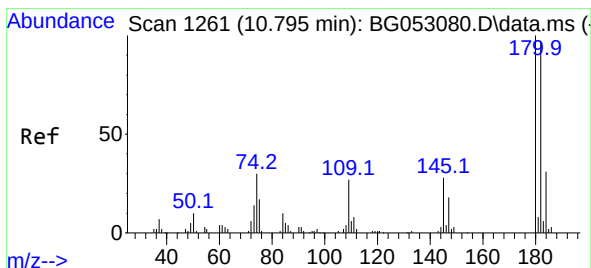
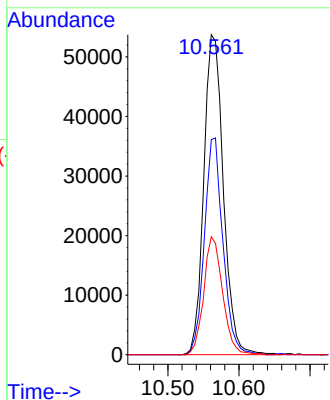
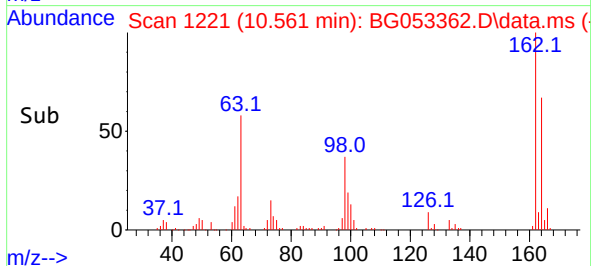


Tgt Ion:162 Resp: 10298
Ion Ratio Lower Upper
162 100
164 67.2 44.0 84.0
98 36.9 17.3 57.3

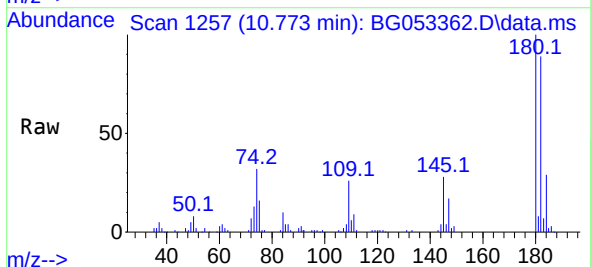
Manual Integrations

APPROVED

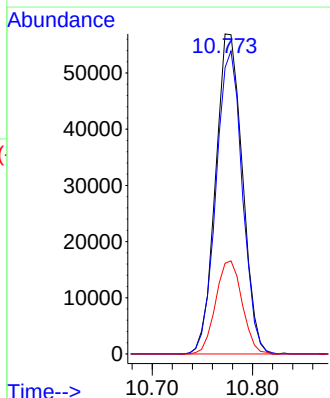
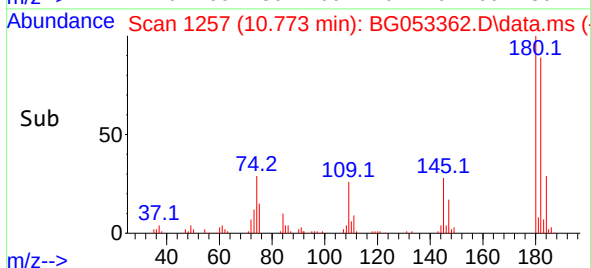
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022

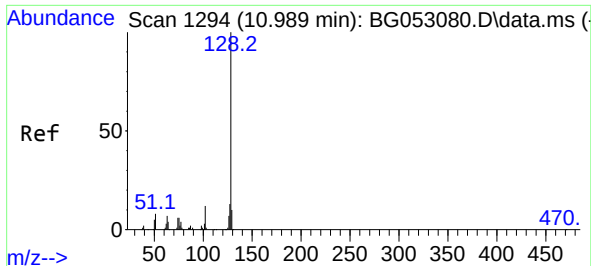


#30
1,2,4-Trichlorobenzene
Concen: 38.716 ng
RT: 10.773 min Scan# 1257
Delta R.T. -0.014 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06



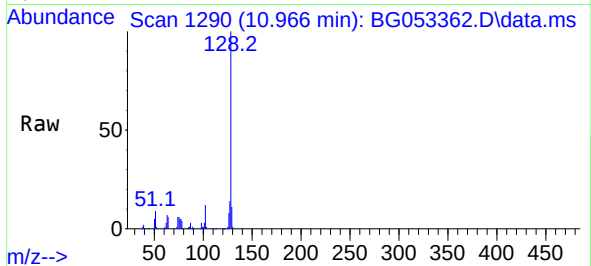
Tgt Ion:180 Resp: 105573
Ion Ratio Lower Upper
180 100
182 89.5 77.8 116.6
145 28.3 24.4 36.6





#31
Naphthalene
Concen: 39.808 ng
RT: 10.966 min Scan# 1167
Delta R.T. -0.008 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06

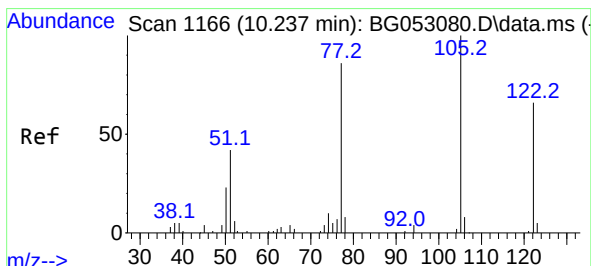
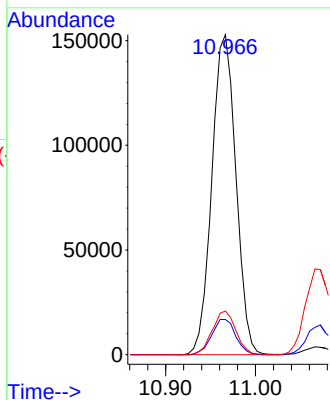
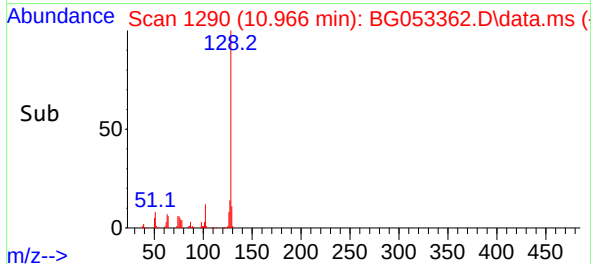
Instrument :
BNA_G
ClientSampleId :
PB144408BS



Tgt Ion:128 Resp: 283718
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.7 10.5 15.7

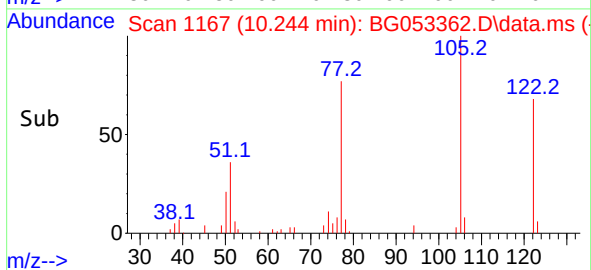
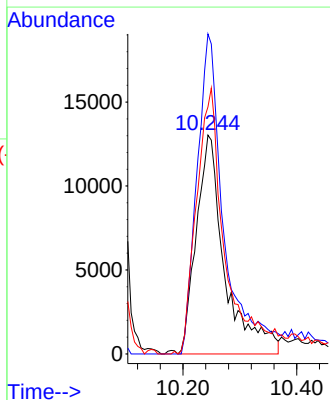
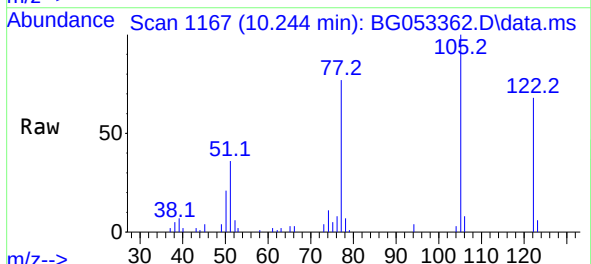
Manual Integrations
APPROVED

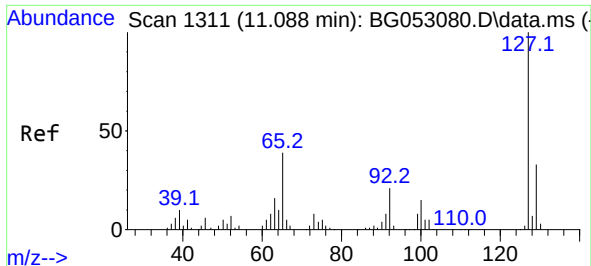
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022



#32
Benzoic acid
Concen: 37.207 ng
RT: 10.244 min Scan# 1167
Delta R.T. 0.010 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06

Tgt Ion:122 Resp: 45306
Ion Ratio Lower Upper
122 100
105 146.1 112.8 152.8
77 112.8 78.4 118.4





#33
4-Chloroaniline
Concen: 28.347 ng
RT: 11.066 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06

Instrument :

BNA_G

ClientSampleId :

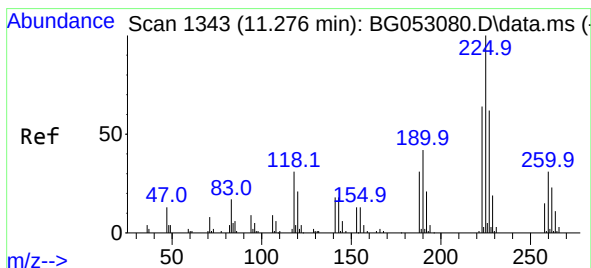
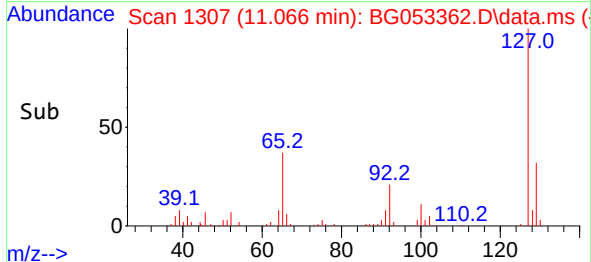
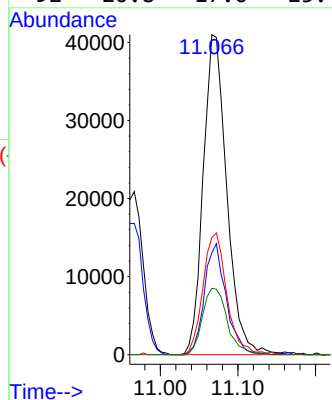
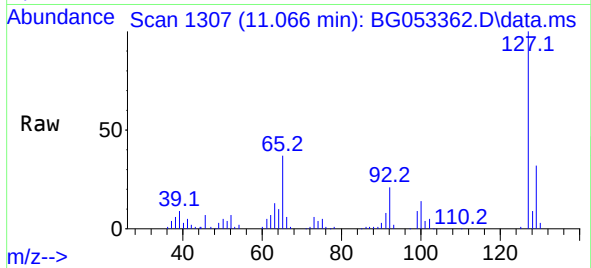
PB144408BS

Tgt Ion:127 Resp: 86518
Ion Ratio Lower Upper
127 100
129 31.9 27.6 41.4
65 36.7 28.2 42.4
92 20.8 17.0 25.4

Manual Integrations

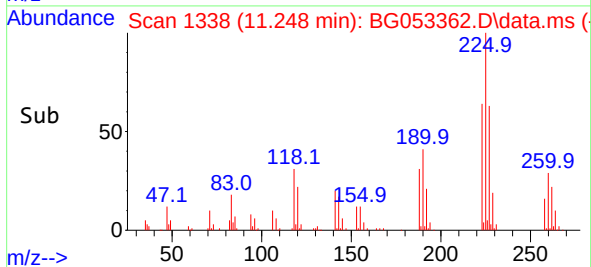
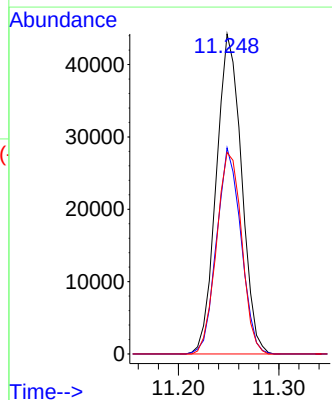
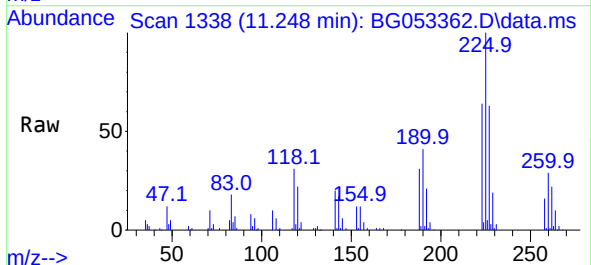
APPROVED

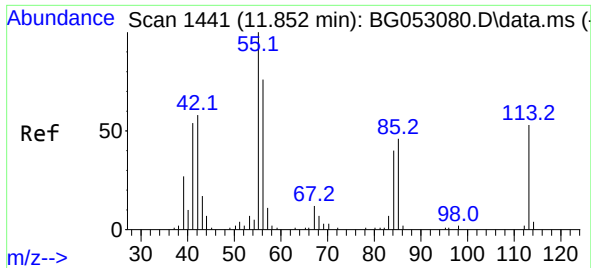
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022



#34
Hexachlorobutadiene
Concen: 38.028 ng
RT: 11.248 min Scan# 1338
Delta R.T. -0.014 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06

Tgt Ion:225 Resp: 77028
Ion Ratio Lower Upper
225 100
223 64.4 50.2 75.2
227 62.9 52.0 78.0





#35
Caprolactam
Concen: 39.606 ng m
RT: 11.836 min Scan# 14
Delta R.T. -0.014 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06

Instrument :

BNA_G

ClientSampleId :

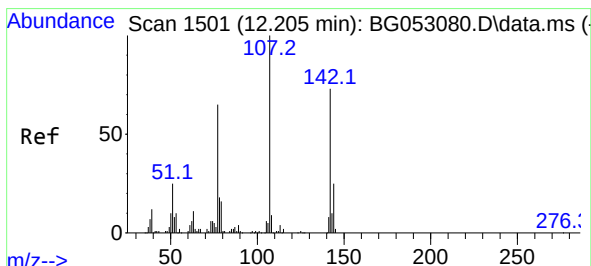
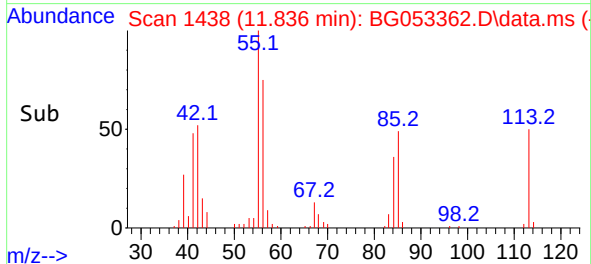
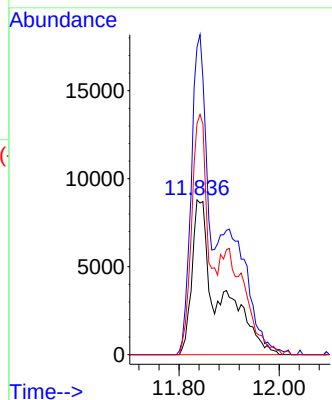
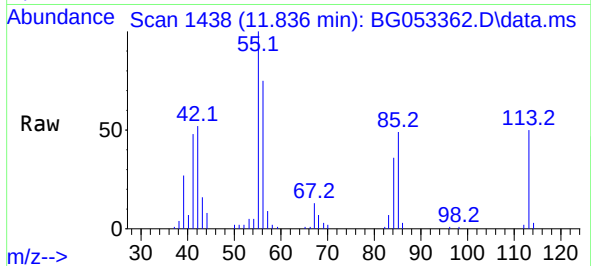
PB144408BS

Tgt Ion:113 Resp: 3363
Ion Ratio Lower Upper
113 100
55 198.6 151.3 191.3
56 149.3 128.5 168.5

Manual Integrations

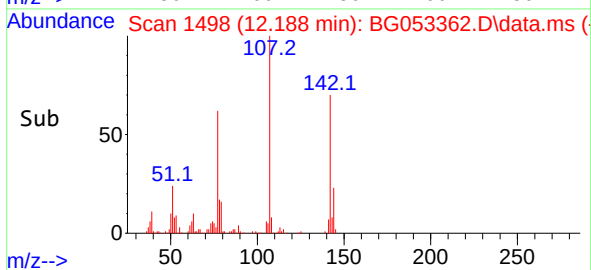
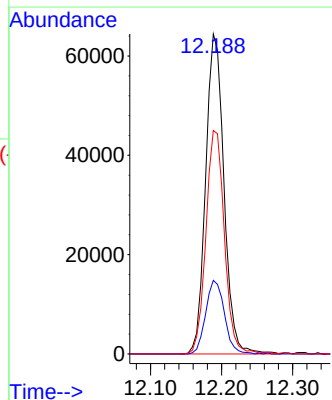
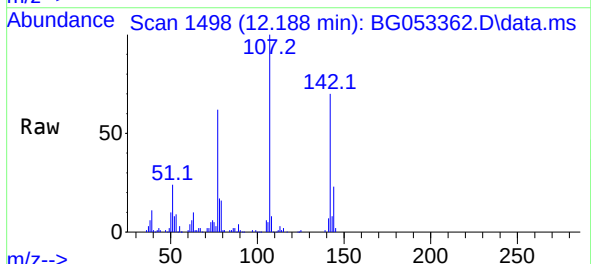
APPROVED

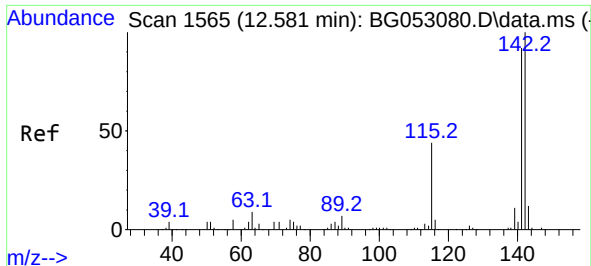
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022



#36
4-Chloro-3-methylphenol
Concen: 41.234 ng
RT: 12.188 min Scan# 1498
Delta R.T. -0.008 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06

Tgt Ion:107 Resp: 115658
Ion Ratio Lower Upper
107 100
144 23.0 21.4 32.0
142 69.9 61.7 92.5





#37

2-Methylnaphthalene

Concen: 39.591 ng

RT: 12.564 min Scan# 1598

Delta R.T. -0.008 min

Lab File: BG053362.D

Acq: 28 Apr 2022 12:06

Instrument :

BNA_G

ClientSampleId :

PB144408BS

Tgt Ion:142 Resp: 20879

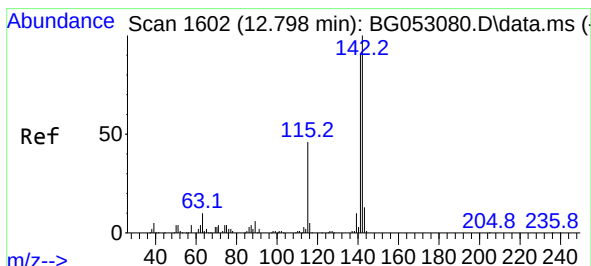
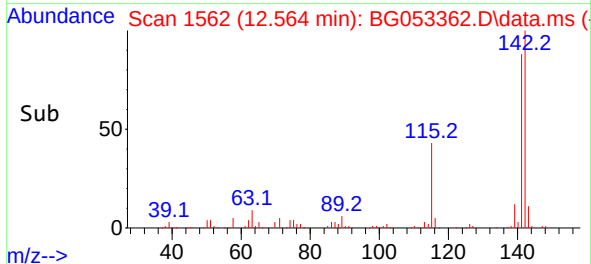
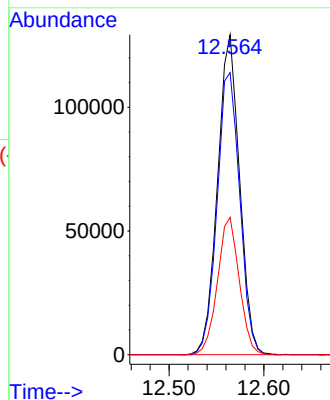
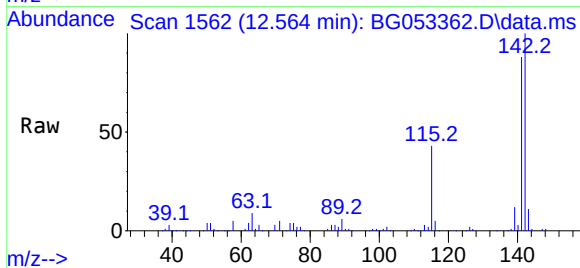
Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.3	106.9
115	42.9	29.5	44.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/29/2022

Supervised By :Jagrut Upadhyay 04/29/2022



#38

1-Methylnaphthalene

Concen: 39.507 ng

RT: 12.782 min Scan# 1599

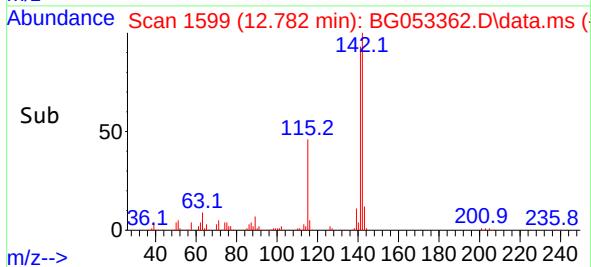
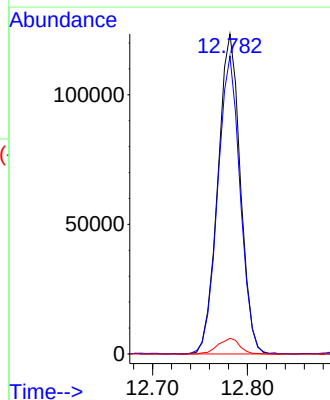
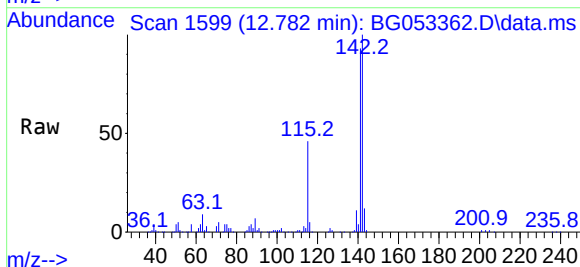
Delta R.T. -0.008 min

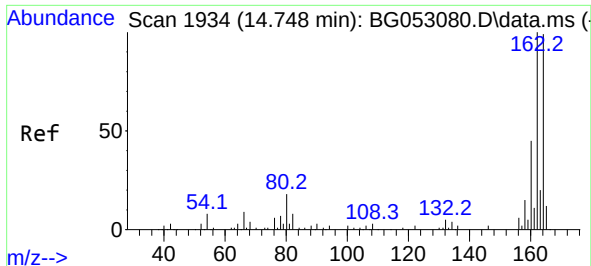
Lab File: BG053362.D

Acq: 28 Apr 2022 12:06

Tgt Ion:142 Resp: 203373

Ion	Ratio	Lower	Upper
142	100		
141	93.1	70.5	105.7
116	4.9	3.1	4.7#





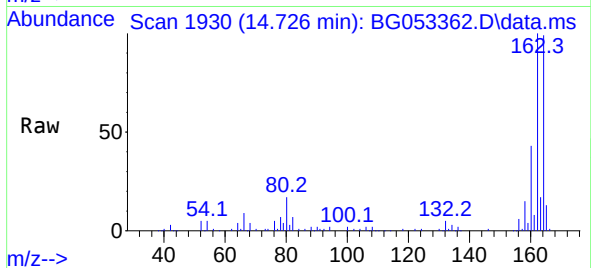
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.726 min Scan# 1930
Delta R.T. -0.008 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06

Instrument :

BNA_G

ClientSampleId :

PB144408BS

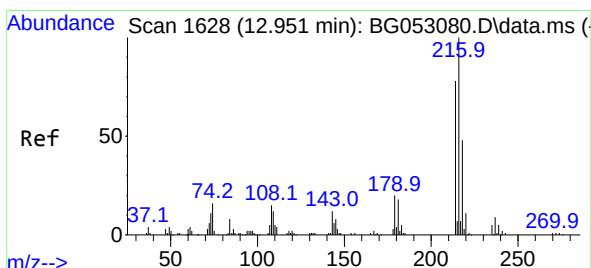
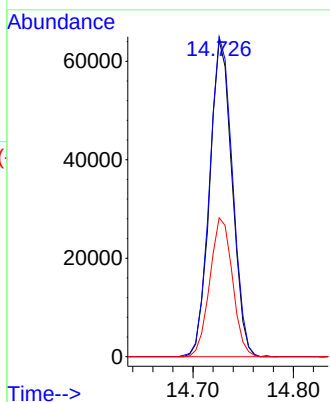
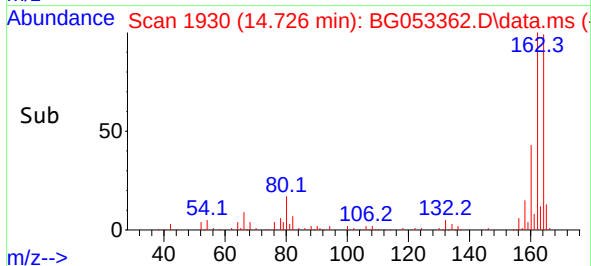


Tgt Ion:164 Resp: 99548
Ion Ratio Lower Upper
164 100
162 101.1 80.0 120.0
160 43.9 38.8 58.2

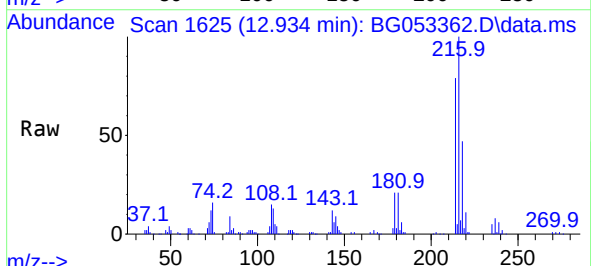
Manual Integrations

APPROVED

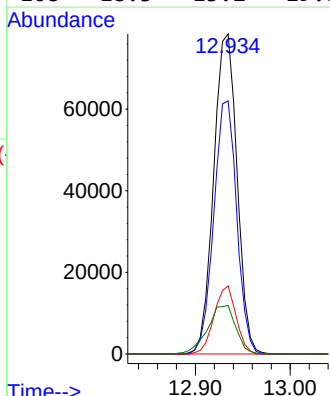
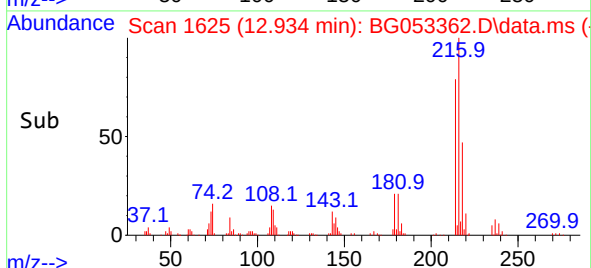
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022

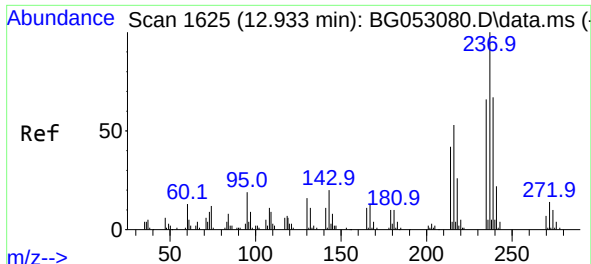


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.813 ng
RT: 12.934 min Scan# 1625
Delta R.T. -0.008 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06



Tgt Ion:216 Resp: 134609
Ion Ratio Lower Upper
216 100
214 77.5 63.8 95.6
179 19.9 15.7 23.5
108 18.3 13.2 19.8





#41
Hexachlorocyclopentadiene
Concen: 80.340 ng
RT: 12.911 min Scan# 1621
Delta R.T. -0.008 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06

Instrument :

BNA_G

ClientSampleId :

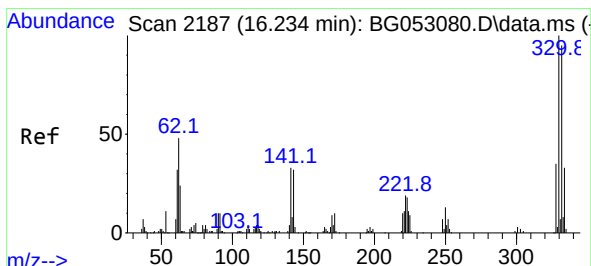
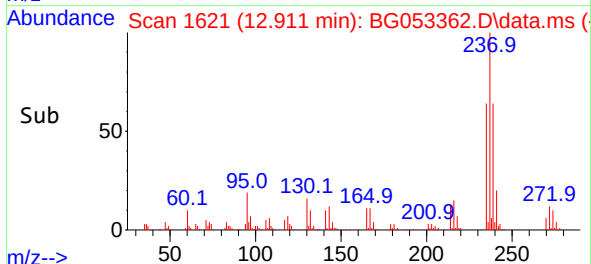
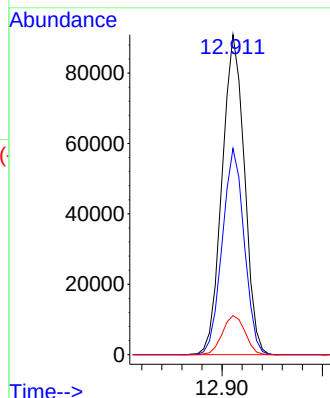
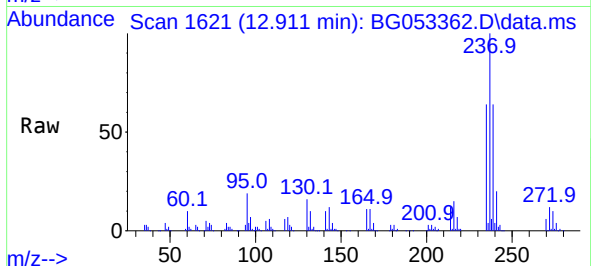
PB144408BS

Tgt Ion:237 Resp: 14022
Ion Ratio Lower Upper
237 100
235 64.4 37.7 77.7
272 12.2 0.0 30.7

Manual Integrations

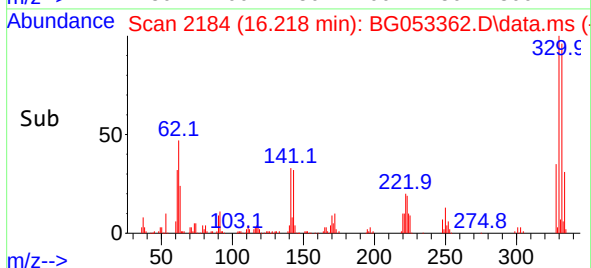
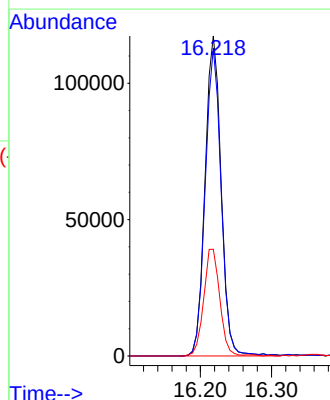
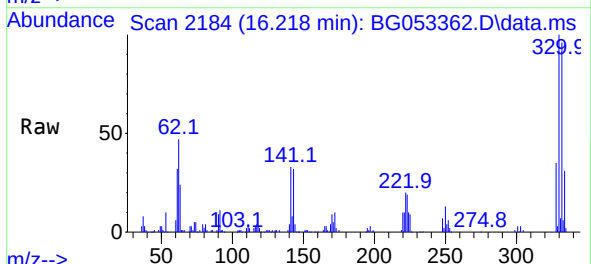
APPROVED

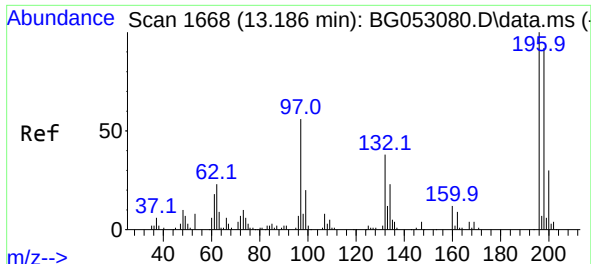
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022



#42
2,4,6-Tribromophenol
Concen: 116.408 ng
RT: 16.218 min Scan# 2184
Delta R.T. -0.008 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06

Tgt Ion:330 Resp: 184364
Ion Ratio Lower Upper
330 100
332 95.3 75.8 113.6
141 33.4 24.6 36.8





#43
2,4,6-Trichlorophenol
Concen: 39.864 ng
RT: 13.169 min Scan# 1665
Delta R.T. -0.008 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06

Instrument :

BNA_G

ClientSampleId :

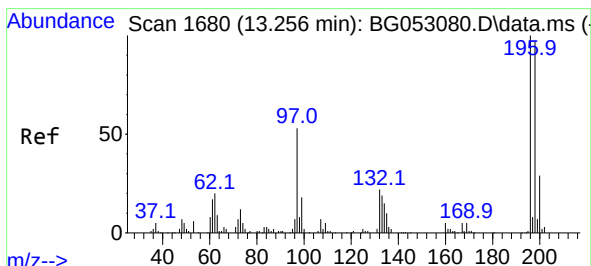
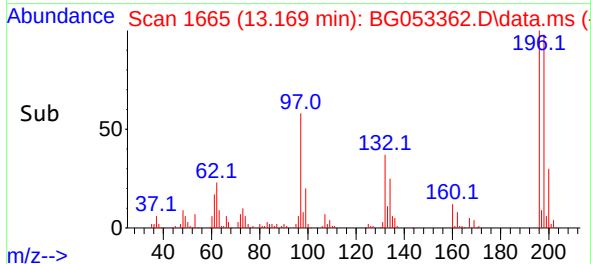
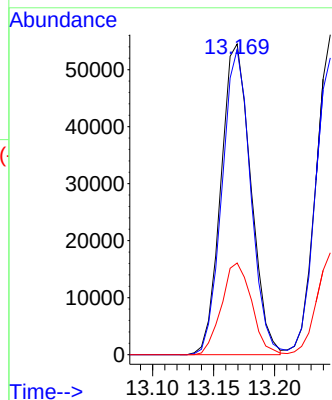
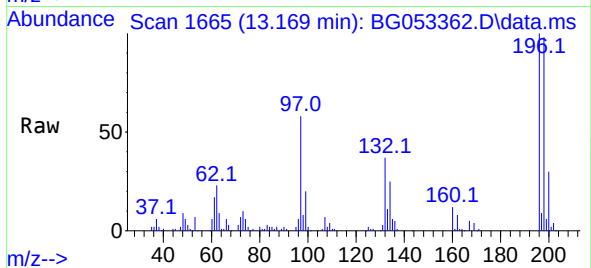
PB144408BS

Tgt Ion:196 Resp: 92920
Ion Ratio Lower Upper
196 100
198 98.3 78.8 118.2
200 29.5 25.1 37.7

Manual Integrations

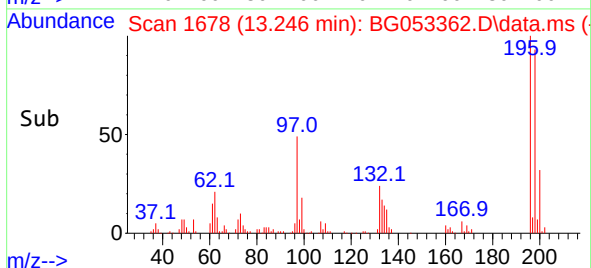
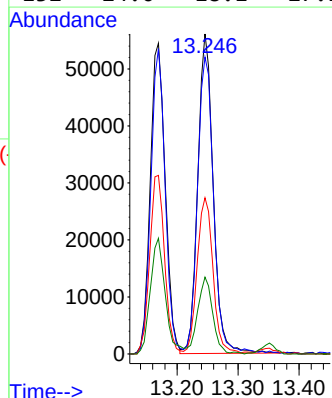
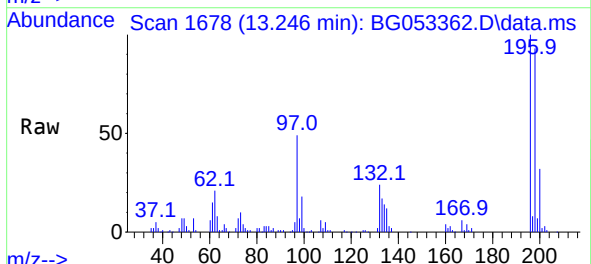
APPROVED

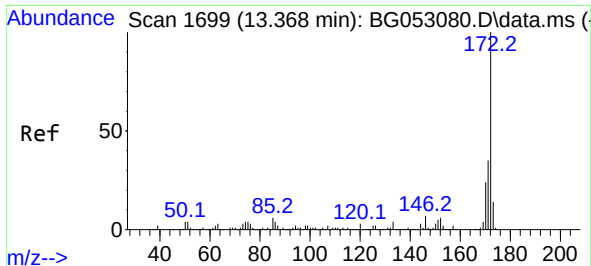
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022



#44
2,4,5-Trichlorophenol
Concen: 39.789 ng
RT: 13.246 min Scan# 1678
Delta R.T. -0.008 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06

Tgt Ion:196 Resp: 98838
Ion Ratio Lower Upper
196 100
198 92.8 75.8 113.6
97 48.8 36.5 54.7
132 24.0 18.1 27.1





#45
2-Fluorobiphenyl
Concen: 78.109 ng
RT: 13.351 min Scan# 1696
Delta R.T. -0.008 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06

Instrument :

BNA_G

ClientSampleId :

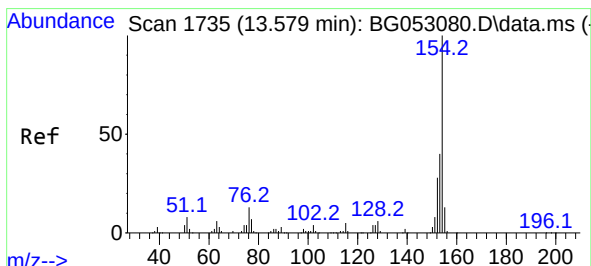
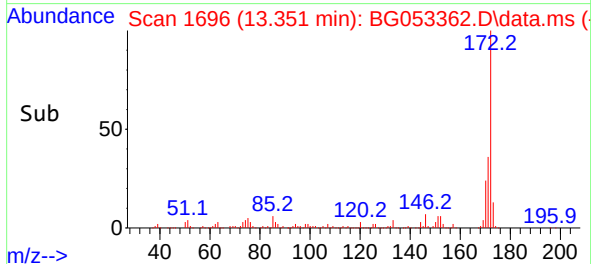
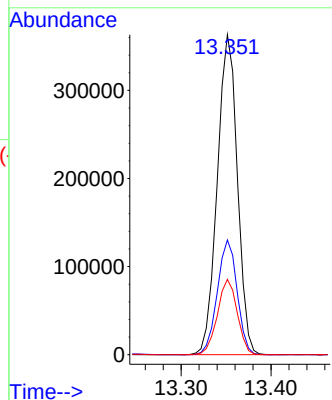
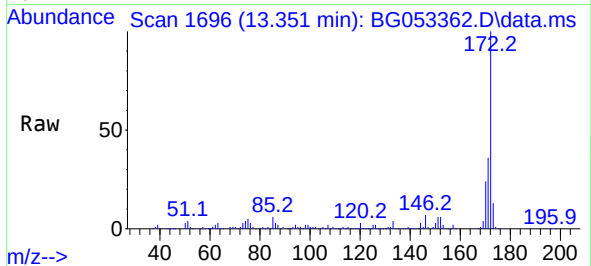
PB144408BS

Tgt Ion:172 Resp: 563900
Ion Ratio Lower Upper
172 100
171 35.9 28.3 42.5
170 23.6 18.0 27.0

Manual Integrations

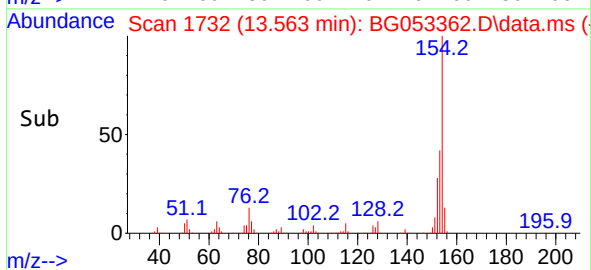
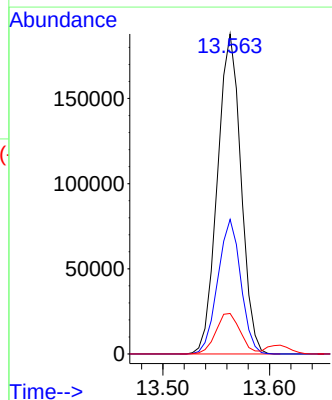
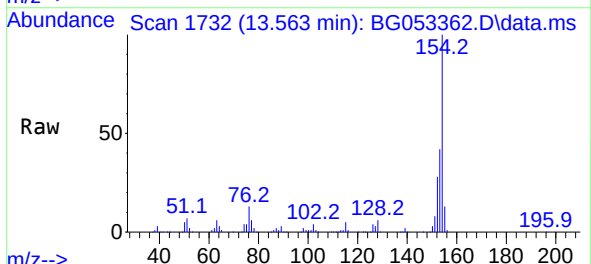
APPROVED

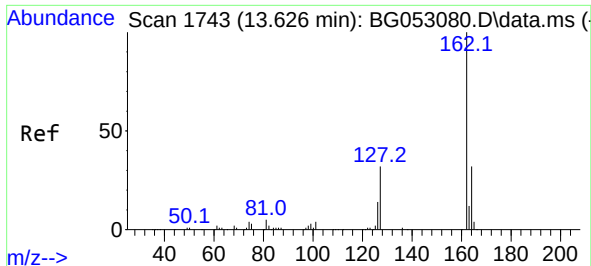
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022



#46
1,1'-Biphenyl
Concen: 40.092 ng
RT: 13.563 min Scan# 1732
Delta R.T. -0.008 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06

Tgt Ion:154 Resp: 287413
Ion Ratio Lower Upper
154 100
153 42.0 21.6 61.6
76 12.6 0.0 31.5





#47
2-Chloronaphthalene
Concen: 39.647 ng
RT: 13.610 min Scan# 1743
Delta R.T. -0.008 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06

Instrument :

BNA_G

ClientSampleId :

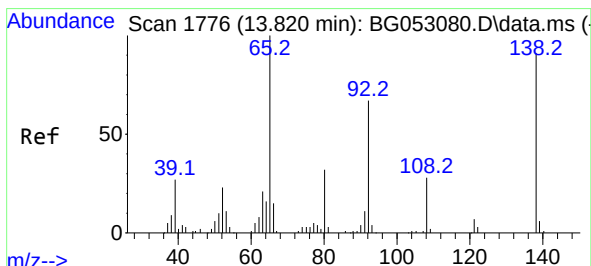
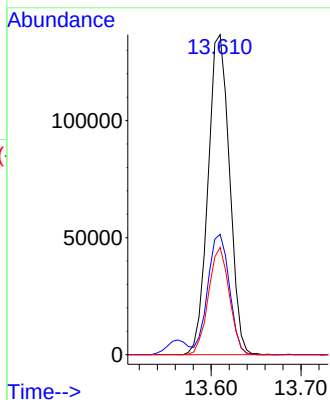
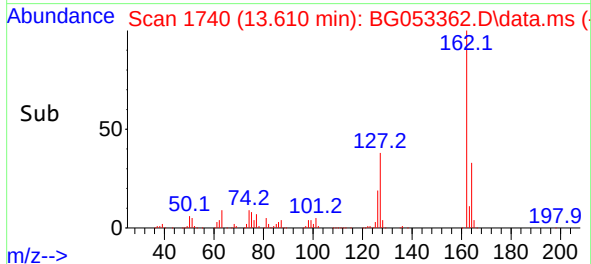
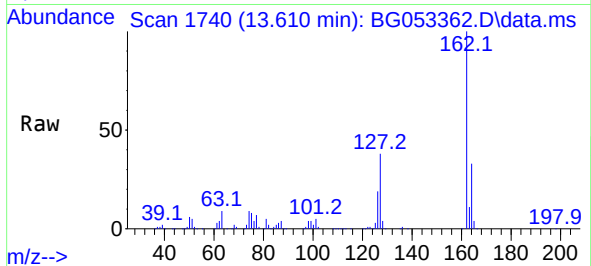
PB144408BS

Tgt Ion:162 Resp: 226760
Ion Ratio Lower Upper
162 100
127 37.6 28.1 42.1
164 33.5 26.0 39.0

Manual Integrations

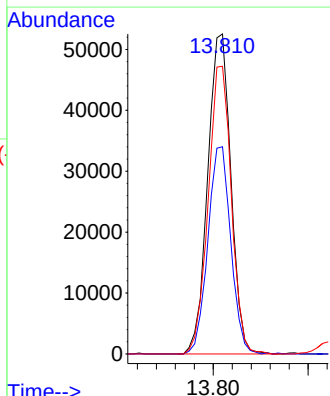
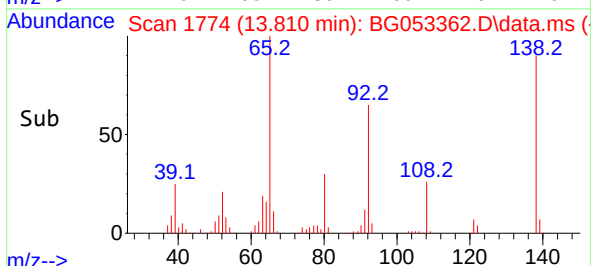
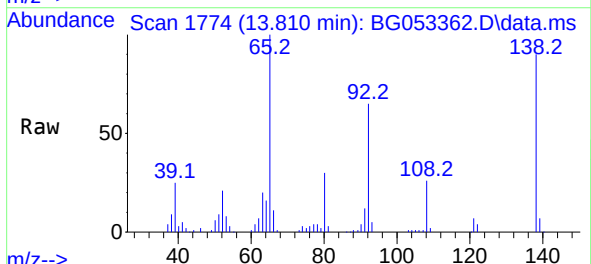
APPROVED

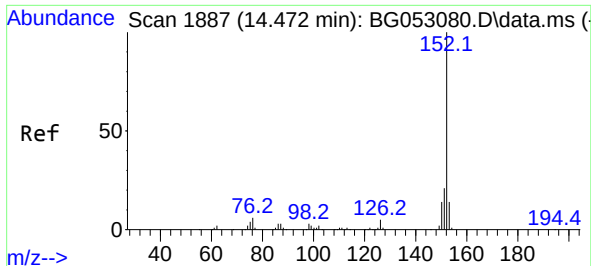
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022



#48
2-Nitroaniline
Concen: 41.061 ng
RT: 13.810 min Scan# 1774
Delta R.T. -0.002 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06

Tgt Ion: 65 Resp: 89123
Ion Ratio Lower Upper
65 100
92 64.8 52.1 78.1
138 89.9 80.1 120.1





#49
Acenaphthylene
Concen: 43.048 ng
RT: 14.450 min Scan# 1883
Delta R.T. -0.008 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06

Instrument :

BNA_G

ClientSampleId :

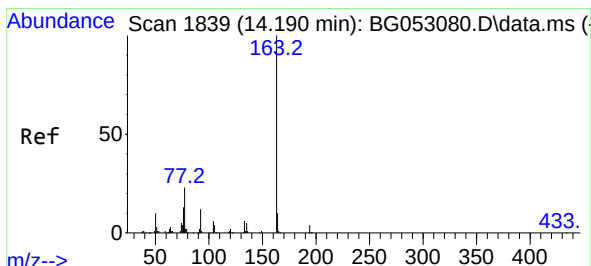
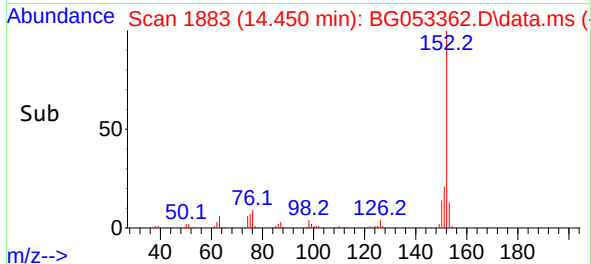
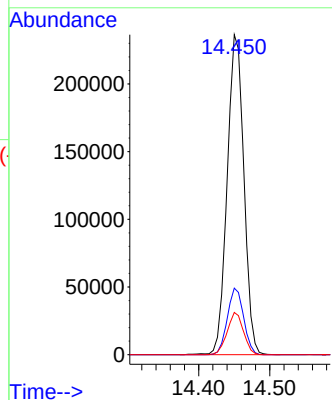
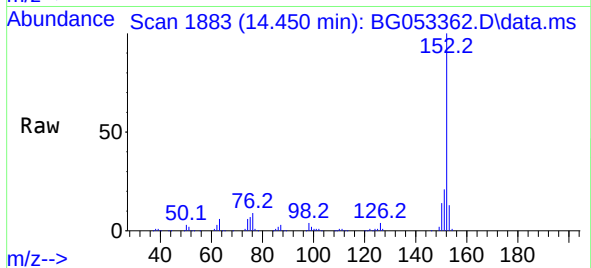
PB144408BS

Tgt Ion:152 Resp: 385410
Ion Ratio Lower Upper
152 100
151 20.8 15.8 23.6
153 13.2 10.6 15.8

Manual Integrations

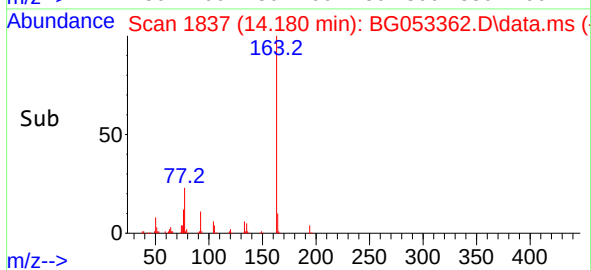
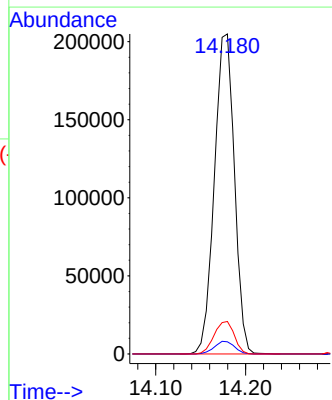
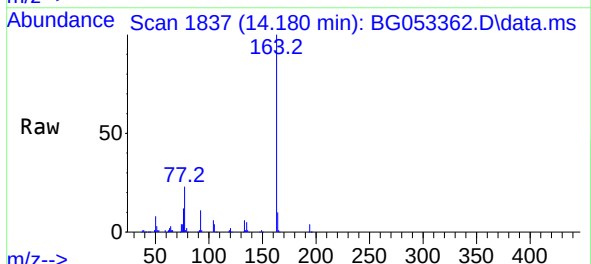
APPROVED

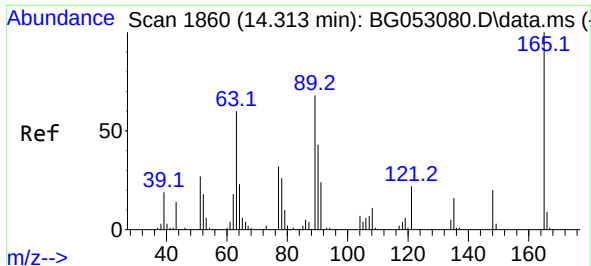
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022



#50
Dimethylphthalate
Concen: 39.832 ng
RT: 14.180 min Scan# 1837
Delta R.T. -0.002 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06

Tgt Ion:163 Resp: 317152
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.2 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 40.968 ng
RT: 14.297 min Scan# 1860
Delta R.T. -0.008 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06

Instrument :

BNA_G

ClientSampleId :

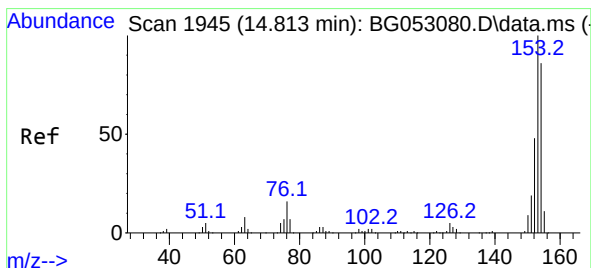
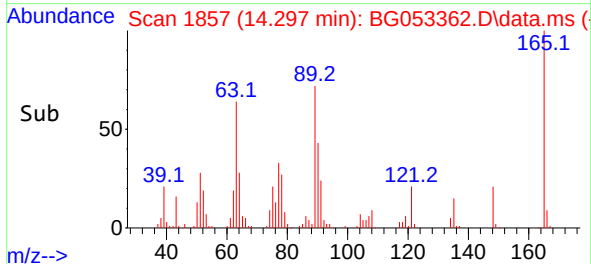
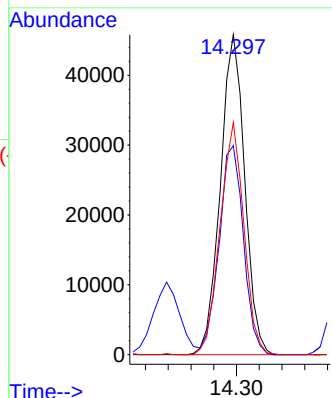
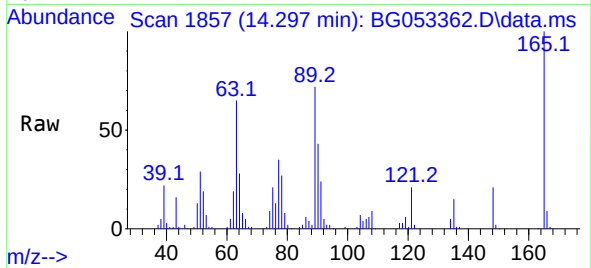
PB144408BS

Tgt Ion:165 Resp: 68050
Ion Ratio Lower Upper
165 100
63 65.3 43.7 65.5
89 72.5 45.0 67.4

Manual Integrations

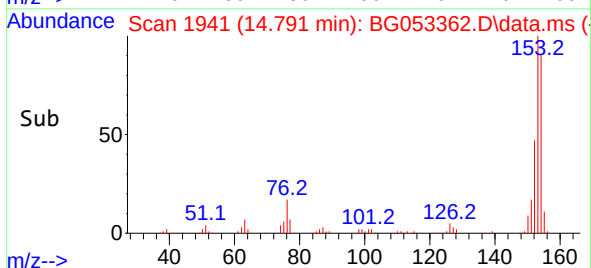
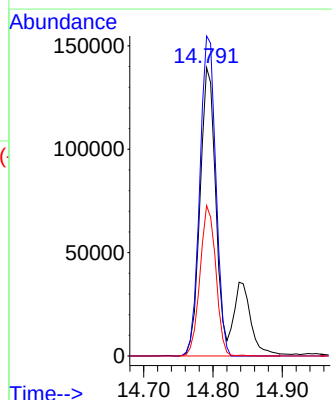
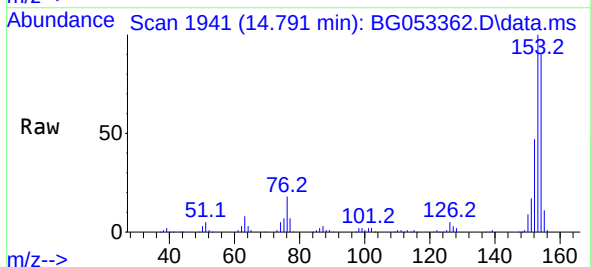
APPROVED

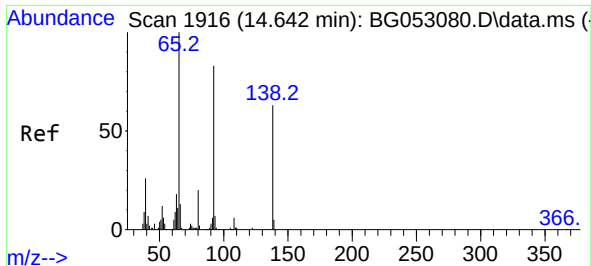
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022



#52
Acenaphthene
Concen: 45.967 ng m
RT: 14.791 min Scan# 1941
Delta R.T. -0.008 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06

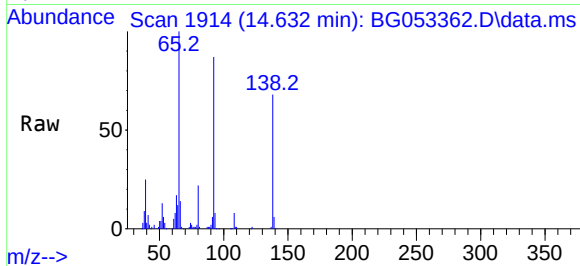
Tgt Ion:154 Resp: 279094
Ion Ratio Lower Upper
154 100
153 111.0 89.0 133.4
152 52.2 40.5 60.7





#53
3-Nitroaniline
Concen: 31.804 ng
RT: 14.632 min Scan# 1916
Delta R.T. -0.002 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06

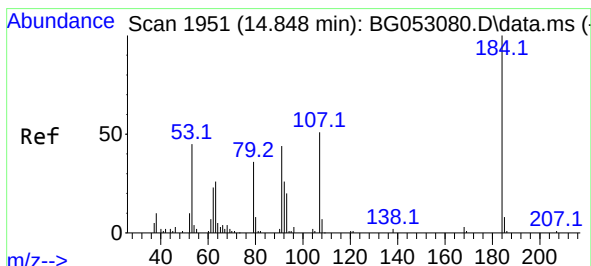
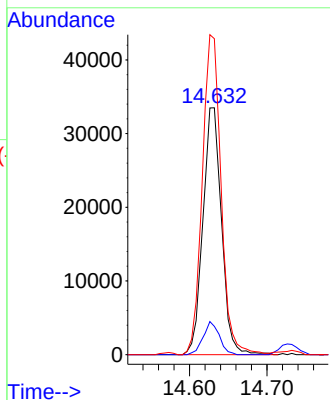
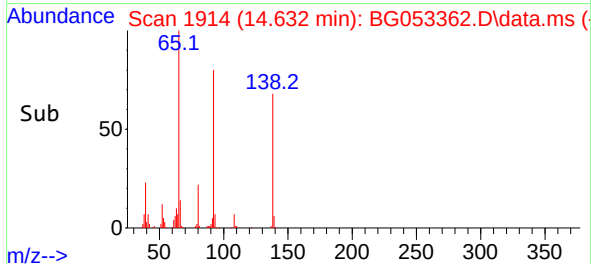
Instrument :
BNA_G
ClientSampleId :
PB144408BS



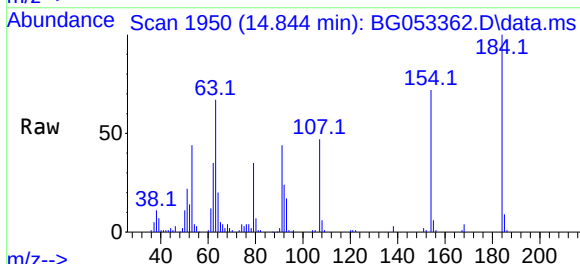
Tgt Ion:138 Resp: 5586
Ion Ratio Lower Upper
138 100
108 11.5 8.0 12.0
92 128.0 96.2 144.2

Manual Integrations
APPROVED

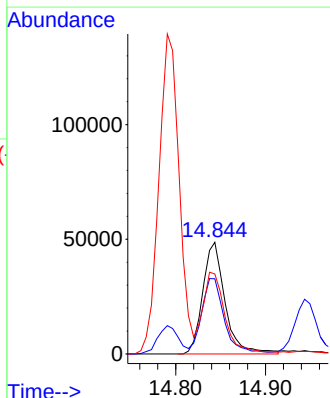
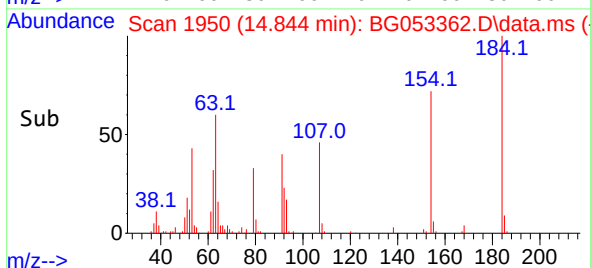
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022

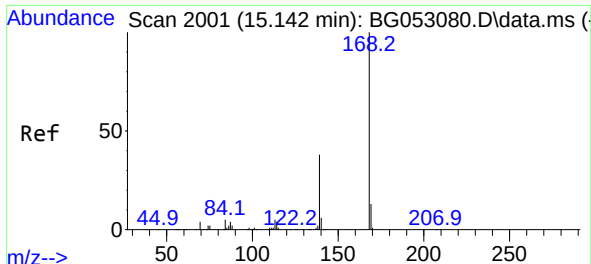


#54
2,4-Dinitrophenol
Concen: 79.620 ng
RT: 14.844 min Scan# 1950
Delta R.T. -0.002 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06



Tgt Ion:184 Resp: 84151
Ion Ratio Lower Upper
184 100
63 67.3 51.8 77.6
154 71.6 47.8 71.6





#55
Dibenzenofuran
Concen: 38.812 ng
RT: 15.126 min Scan# 1998
Delta R.T. -0.008 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06

Instrument :

BNA_G

ClientSampleId :

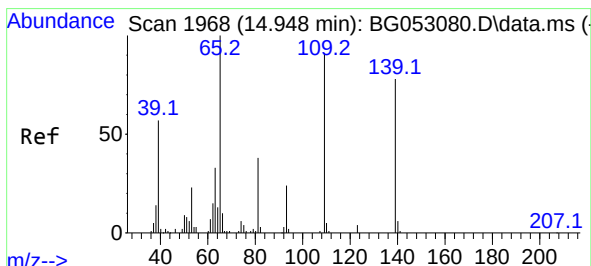
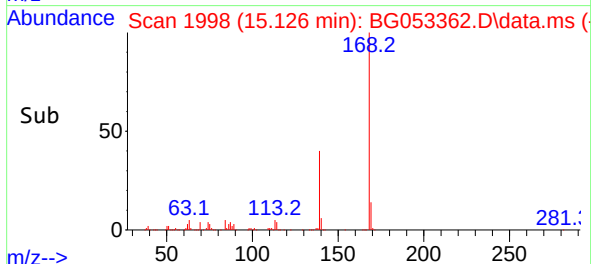
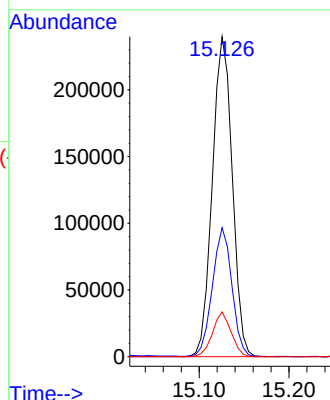
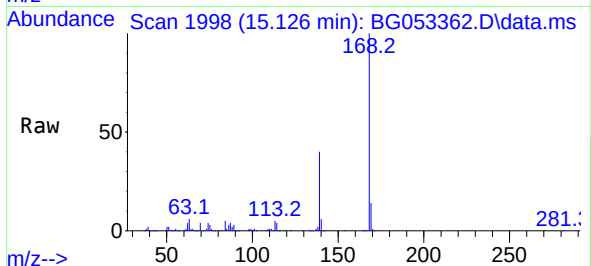
PB144408BS

Tgt Ion:168 Resp: 36898
Ion Ratio Lower Upper
168 100
139 40.3 30.2 45.4
169 14.0 10.7 16.1

Manual Integrations

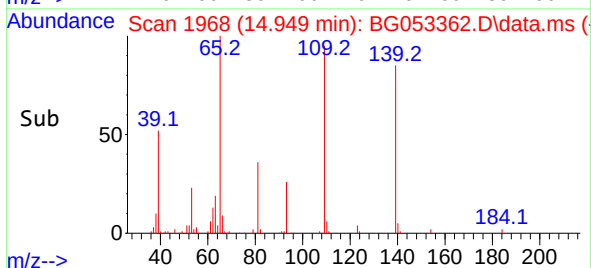
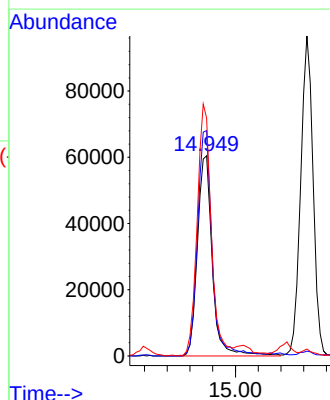
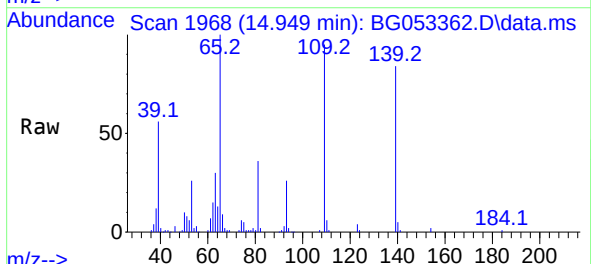
APPROVED

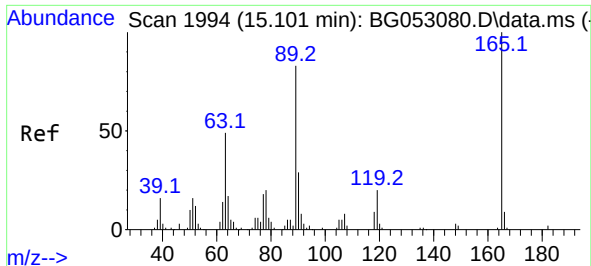
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022



#56
4-Nitrophenol
Concen: 82.190 ng
RT: 14.949 min Scan# 1968
Delta R.T. 0.004 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06

Tgt Ion:139 Resp: 110100
Ion Ratio Lower Upper
139 100
109 112.5 67.1 107.1#
65 118.8 88.2 128.2





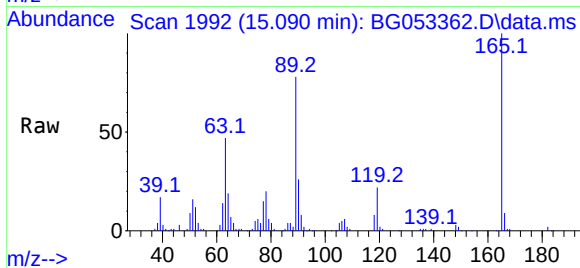
#57
2,4-Dinitrotoluene
Concen: 42.048 ng
RT: 15.090 min Scan# 1994
Delta R.T. -0.002 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06

Instrument :

BNA_G

ClientSampleId :

PB144408BS

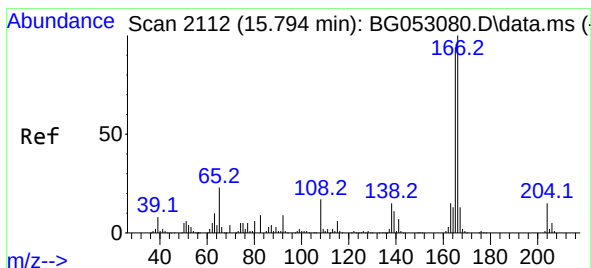
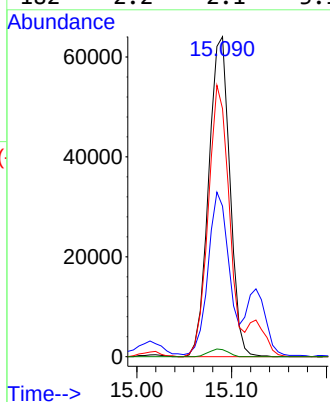
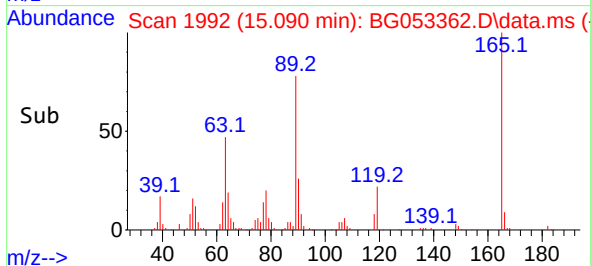


Tgt Ion:165 Resp: 9943
Ion Ratio Lower Upper
165 100
63 47.1 34.8 52.2
89 77.5 57.4 86.0
182 2.2 2.1 3.1

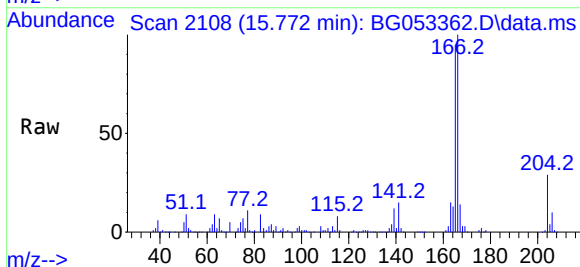
Manual Integrations

APPROVED

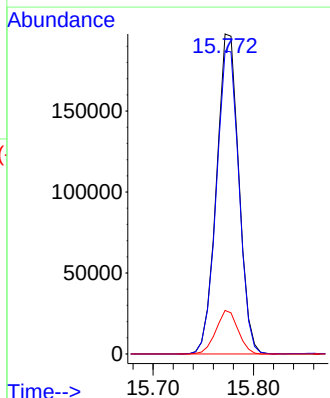
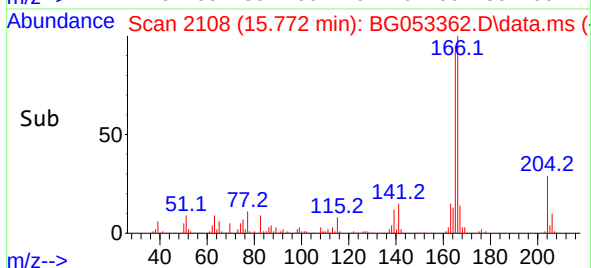
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022

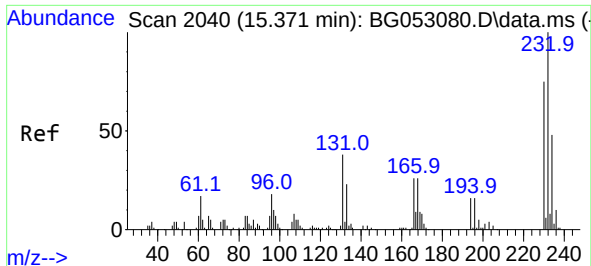


#58
Fluorene
Concen: 39.732 ng
RT: 15.772 min Scan# 2108
Delta R.T. -0.008 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06



Tgt Ion:166 Resp: 305084
Ion Ratio Lower Upper
166 100
165 94.7 78.6 117.8
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 38.677 ng
RT: 15.355 min Scan# 2068
Delta R.T. -0.008 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06

Instrument :

BNA_G

ClientSampleId :

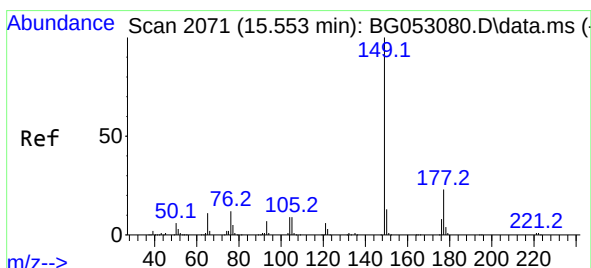
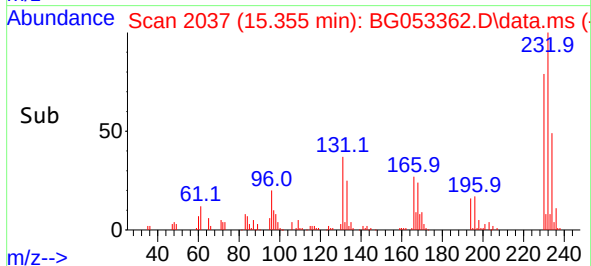
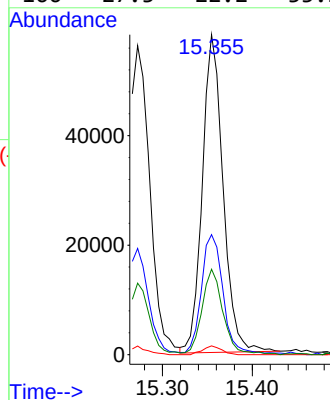
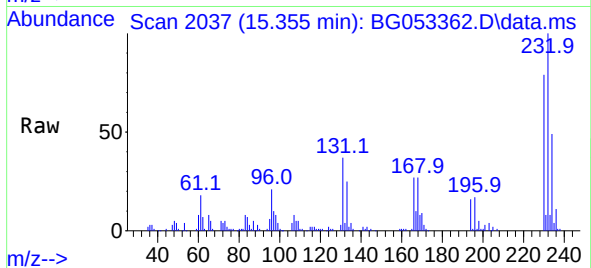
PB144408BS

Tgt Ion:232 Resp: 9330
Ion Ratio Lower Upper
232 100
131 38.9 30.1 45.1
130 2.5 1.8 2.8
166 27.3 22.2 33.2

Manual Integrations

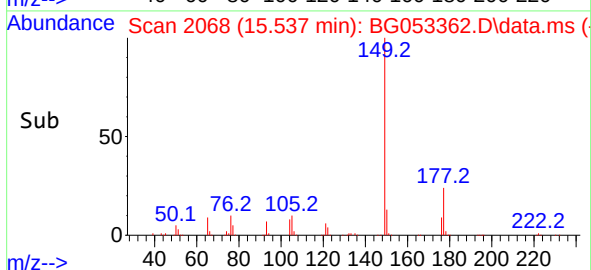
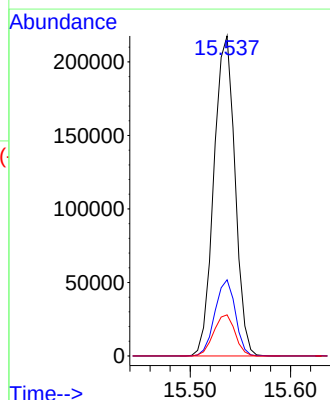
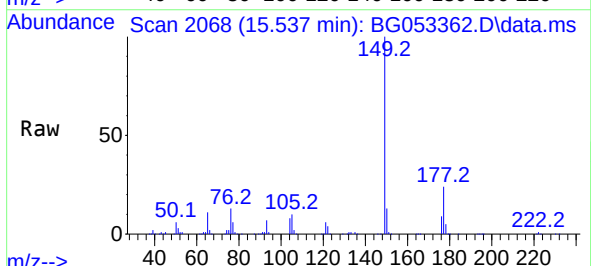
APPROVED

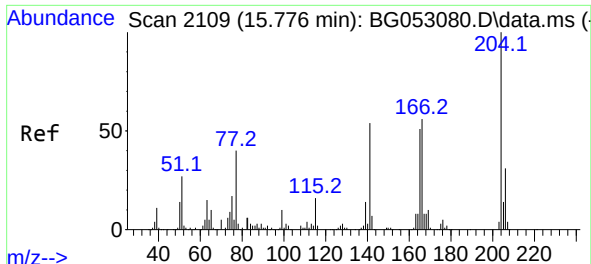
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022



#60
Diethylphthalate
Concen: 38.088 ng
RT: 15.537 min Scan# 2068
Delta R.T. -0.002 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06

Tgt Ion:149 Resp: 317748
Ion Ratio Lower Upper
149 100
177 23.8 18.2 27.2
150 12.9 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 38.794 ng
RT: 15.760 min Scan# 2106
Delta R.T. -0.008 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06

Instrument :

BNA_G

ClientSampleId :

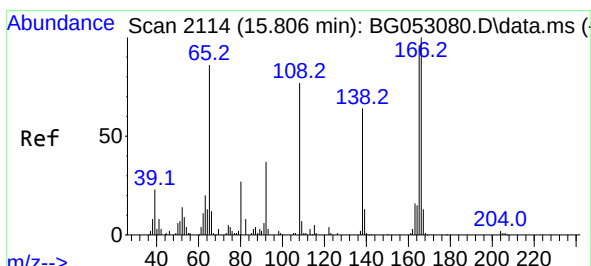
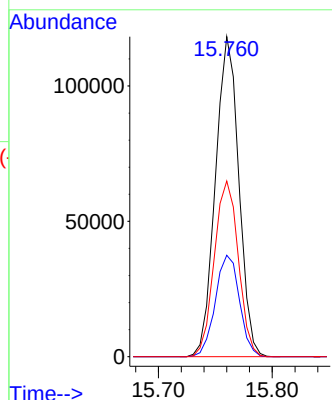
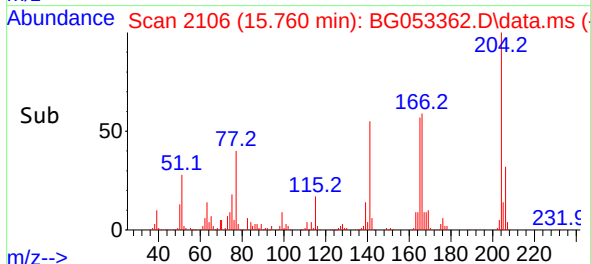
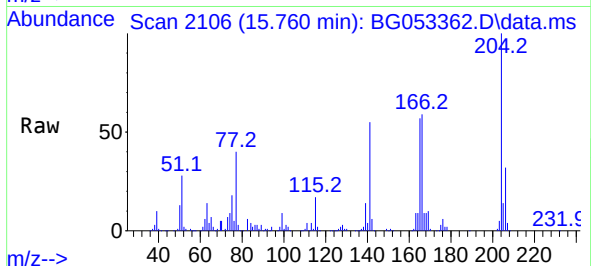
PB144408BS

Tgt Ion:204 Resp: 168864
Ion Ratio Lower Upper
204 100
206 31.7 28.3 42.5
141 54.9 45.8 68.8

Manual Integrations

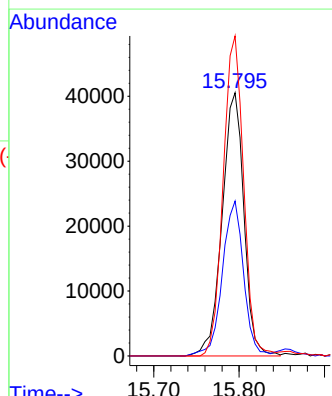
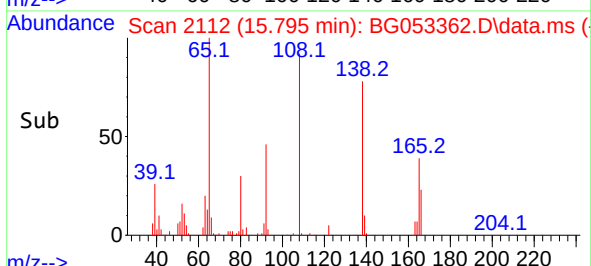
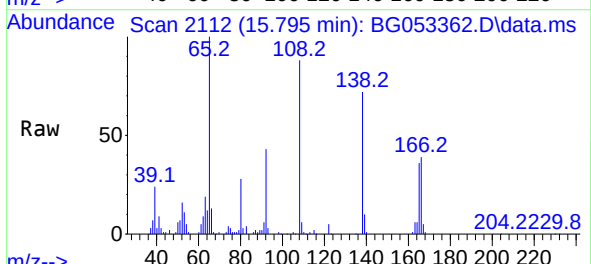
APPROVED

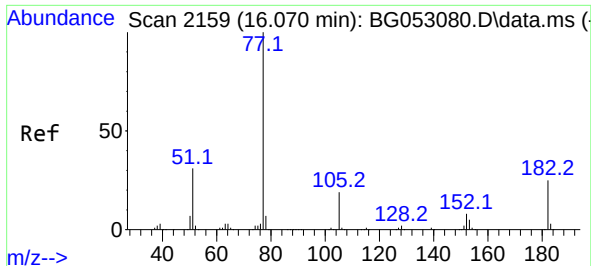
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022



#62
4-Nitroaniline
Concen: 38.819 ng
RT: 15.795 min Scan# 2112
Delta R.T. -0.002 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06

Tgt Ion:138 Resp: 71947
Ion Ratio Lower Upper
138 100
92 58.9 33.3 73.3
108 121.6 74.2 114.2#





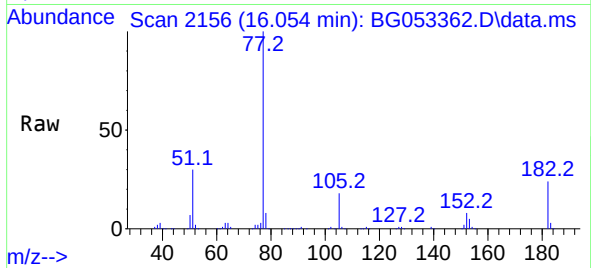
#63
Azobenzene
Concen: 38.324 ng
RT: 16.054 min Scan# 2156
Delta R.T. -0.008 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06

Instrument :

BNA_G

ClientSampleId :

PB144408BS

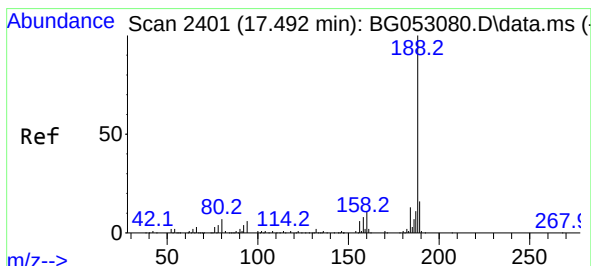
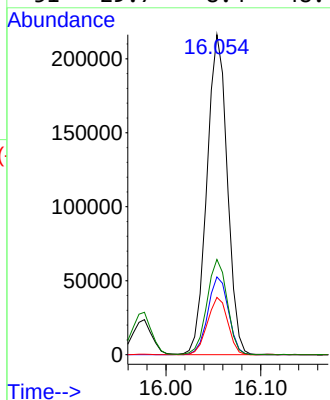
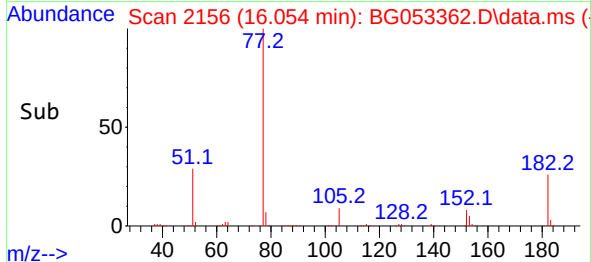


Tgt Ion: 77 Resp: 322340
Ion Ratio Lower Upper
77 100
182 24.3 5.6 45.6
105 17.9 0.0 38.8
51 29.7 8.4 48.4

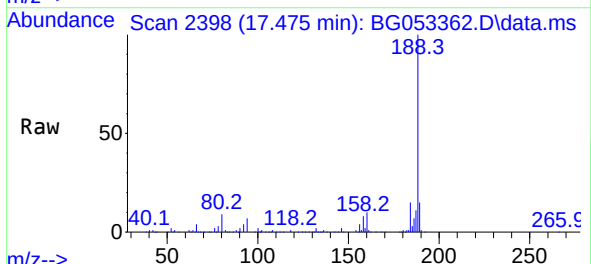
Manual Integrations

APPROVED

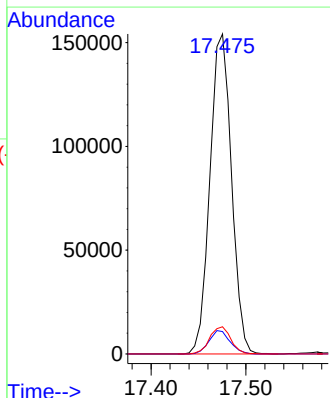
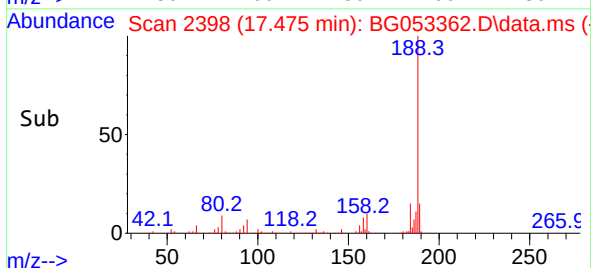
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022

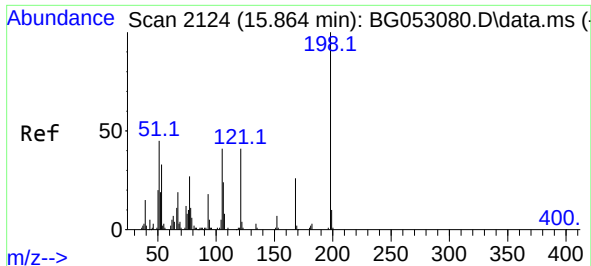


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.475 min Scan# 2398
Delta R.T. -0.008 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06



Tgt Ion:188 Resp: 244167
Ion Ratio Lower Upper
188 100
94 7.0 5.7 8.5
80 8.5 7.2 10.8





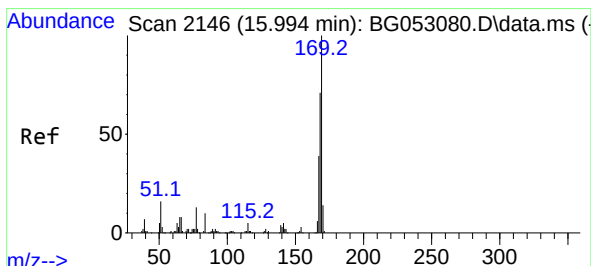
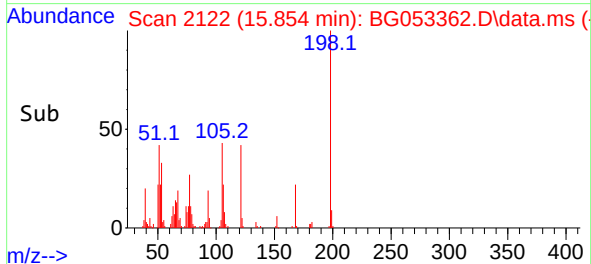
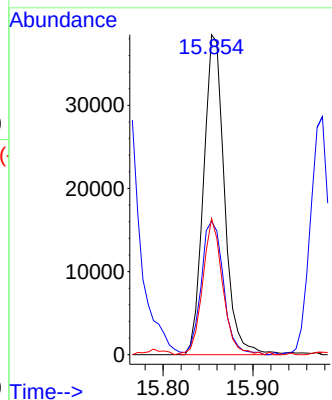
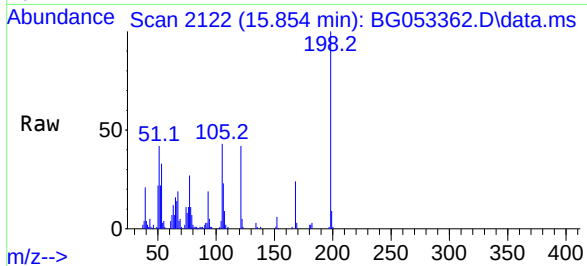
#65
4,6-Dinitro-2-methylphenol
Concen: 36.533 ng
RT: 15.854 min Scan# 2124
Delta R.T. -0.008 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06

Instrument :
BNA_G
ClientSampleId :
PB144408BS

Tgt Ion:198 Resp: 6223
Ion Ratio Lower Upper
198 100
51 41.7 21.7 61.7
105 42.5 20.8 60.8

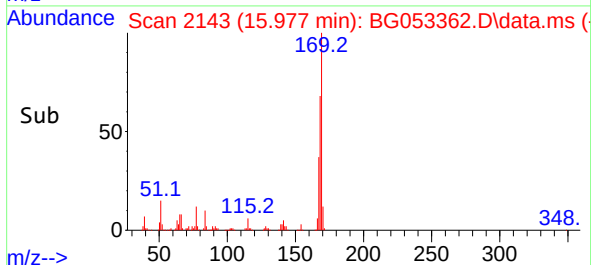
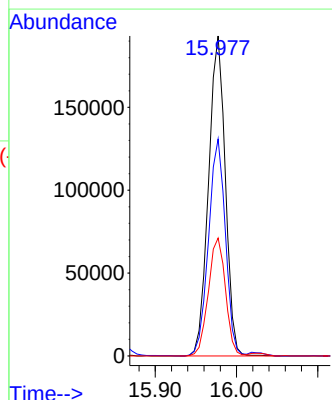
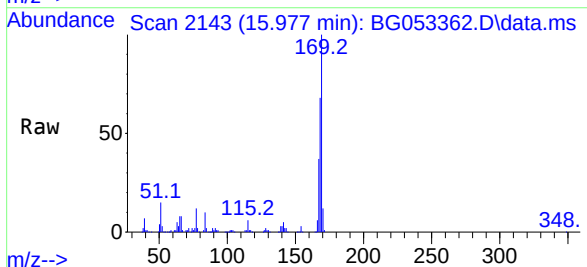
Manual Integrations
APPROVED

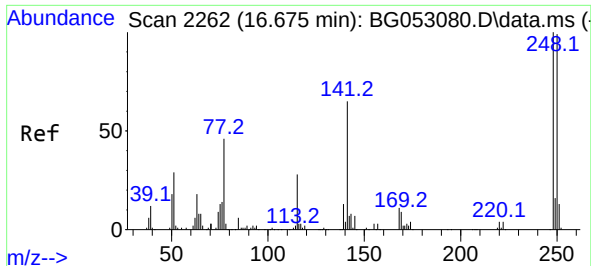
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022



#66
n-Nitrosodiphenylamine
Concen: 39.339 ng
RT: 15.977 min Scan# 2143
Delta R.T. -0.008 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06

Tgt Ion:169 Resp: 276214
Ion Ratio Lower Upper
169 100
168 67.8 54.5 81.7
167 36.9 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 38.381 ng
RT: 16.653 min Scan# 211
Delta R.T. -0.008 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06

Instrument :

BNA_G

ClientSampleId :

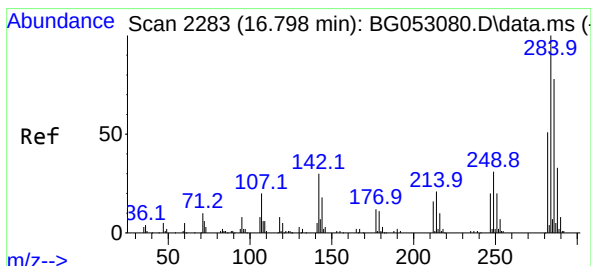
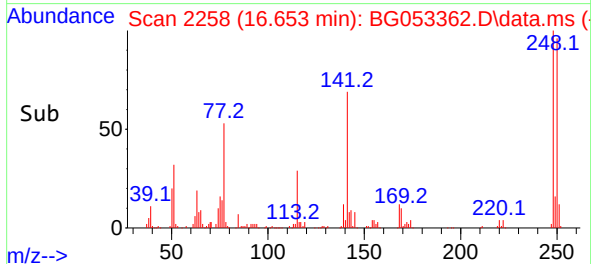
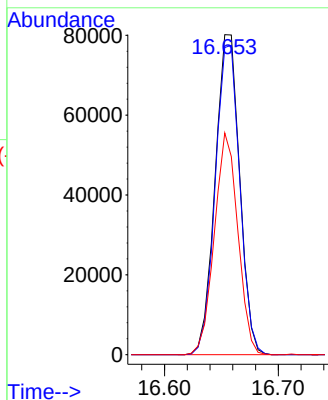
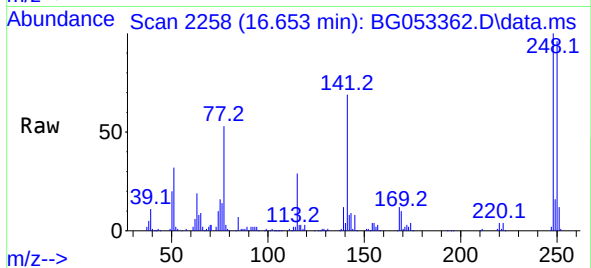
PB144408BS

Tgt Ion:248 Resp: 120079
Ion Ratio Lower Upper
248 100
250 96.0 77.9 116.9
141 69.3 49.2 73.8

Manual Integrations

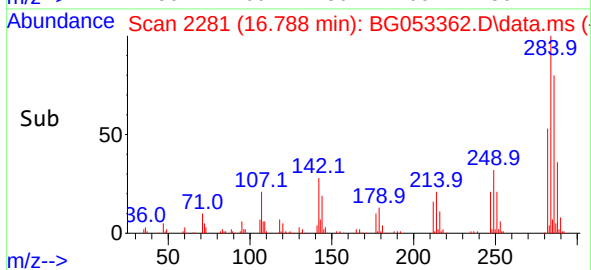
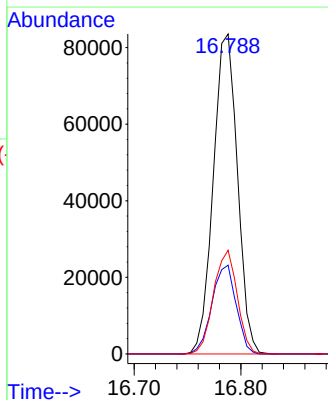
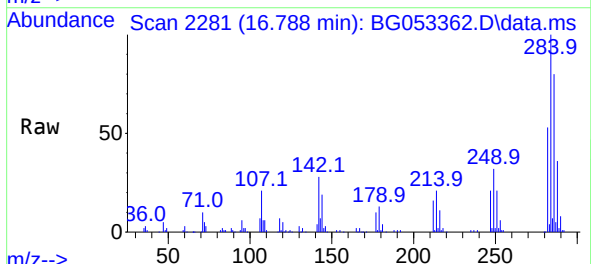
APPROVED

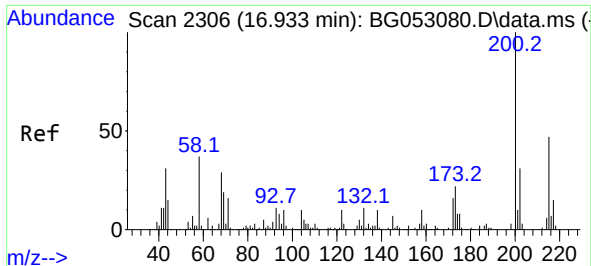
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022



#68
Hexachlorobenzene
Concen: 38.770 ng
RT: 16.788 min Scan# 2281
Delta R.T. -0.002 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06

Tgt Ion:284 Resp: 131360
Ion Ratio Lower Upper
284 100
142 27.8 21.0 31.4
249 32.4 22.7 34.1





#69
Atrazine
Concen: 44.143 ng
RT: 16.917 min Scan# 211
Delta R.T. -0.008 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06

Instrument :

BNA_G

ClientSampleId :

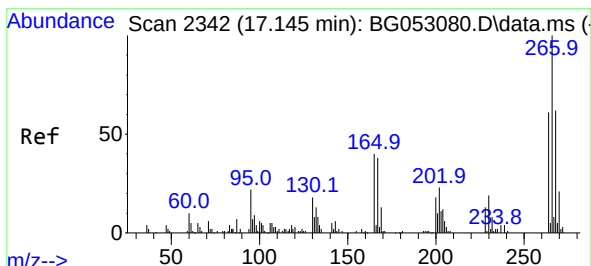
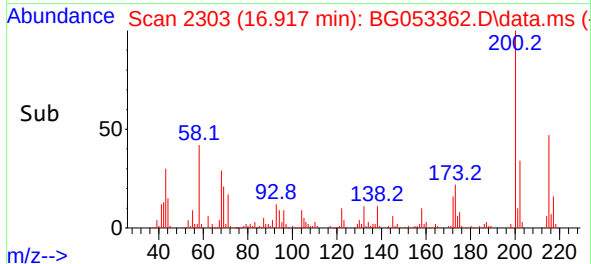
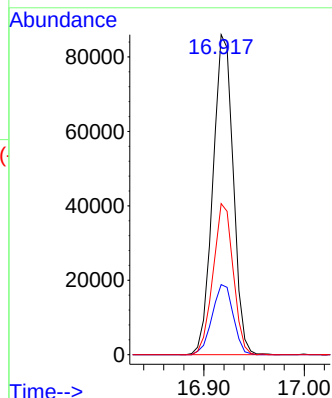
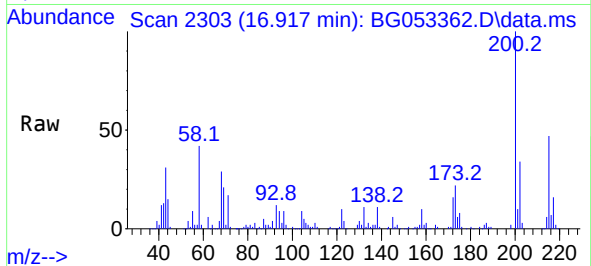
PB144408BS

Tgt Ion:200 Resp: 12107
Ion Ratio Lower Upper
200 100
173 21.9 3.8 43.8
215 47.2 26.3 66.3

Manual Integrations

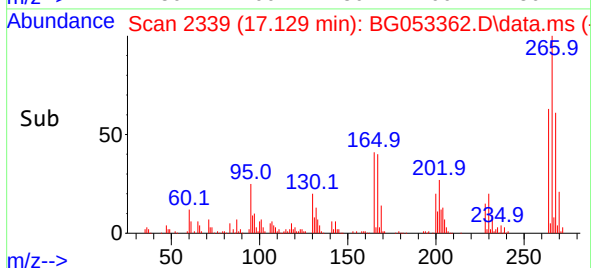
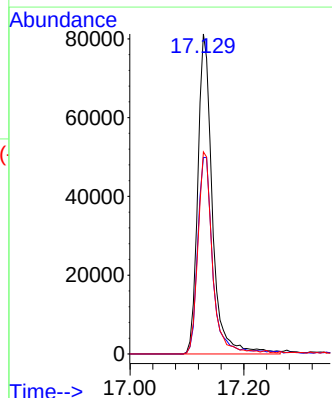
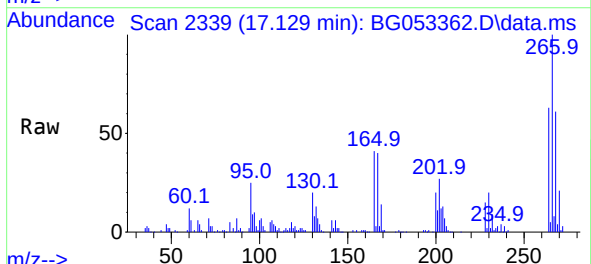
APPROVED

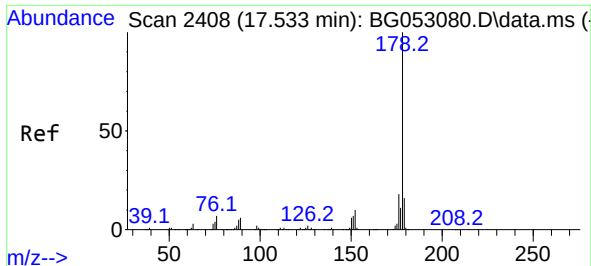
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022



#70
Pentachlorophenol
Concen: 78.148 ng
RT: 17.129 min Scan# 2339
Delta R.T. -0.008 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06

Tgt Ion:266 Resp: 144709
Ion Ratio Lower Upper
266 100
268 61.4 45.9 68.9
264 63.2 45.3 67.9





#71
Phenanthrene
Concen: 39.196 ng
RT: 17.516 min Scan# 2408
Delta R.T. -0.008 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06

Instrument :

BNA_G

ClientSampleId :

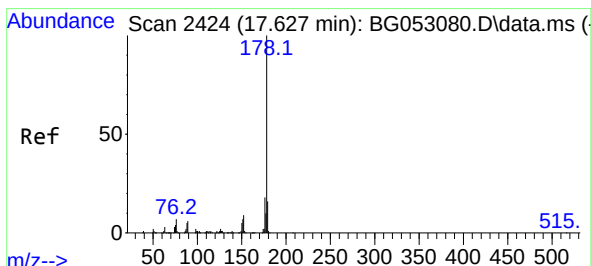
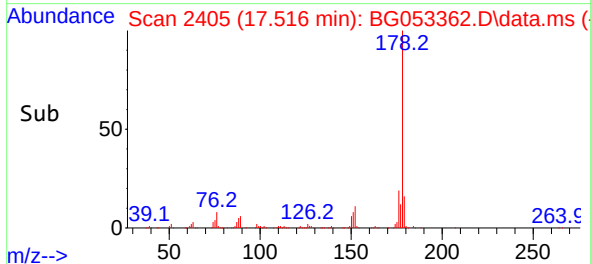
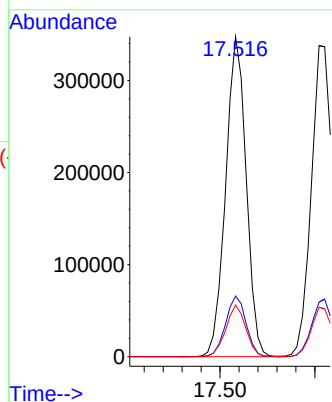
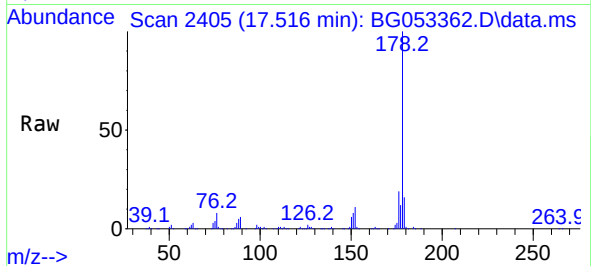
PB144408BS

Tgt Ion:178 Resp: 52275
Ion Ratio Lower Upper
178 100
176 19.0 15.9 23.9
179 16.1 13.4 20.2

Manual Integrations

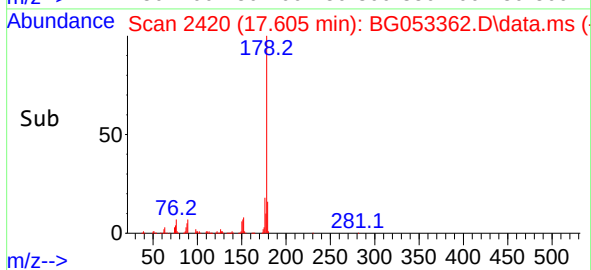
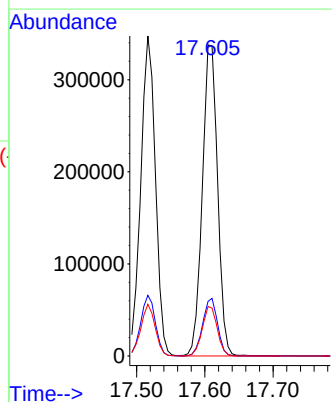
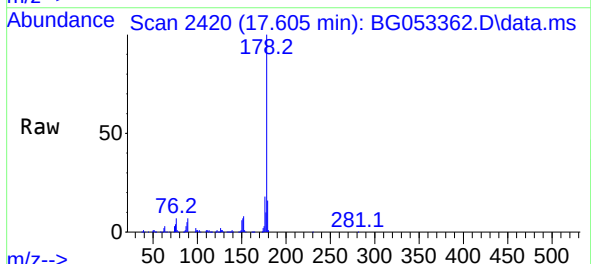
APPROVED

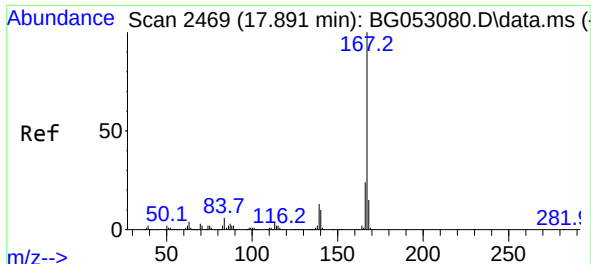
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022



#72
Anthracene
Concen: 39.785 ng
RT: 17.605 min Scan# 2420
Delta R.T. -0.008 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06

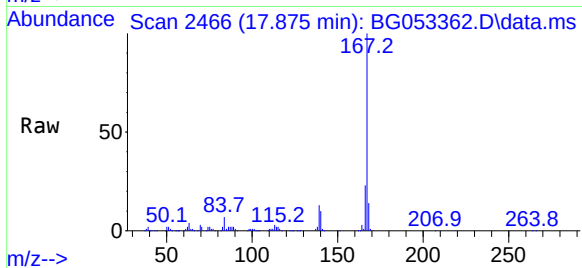
Tgt Ion:178 Resp: 525668
Ion Ratio Lower Upper
178 100
176 17.5 14.7 22.1
179 15.9 13.2 19.8





#73
Carbazole
Concen: 38.696 ng
RT: 17.875 min Scan# 2466
Delta R.T. -0.008 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06

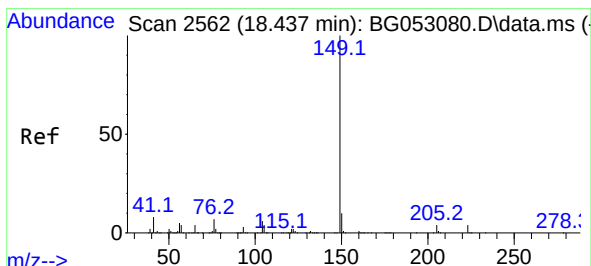
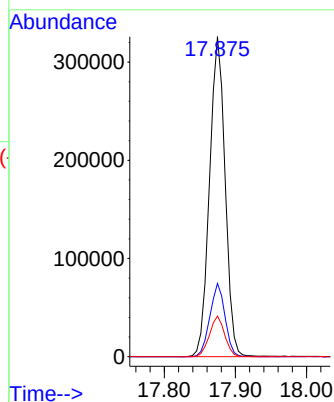
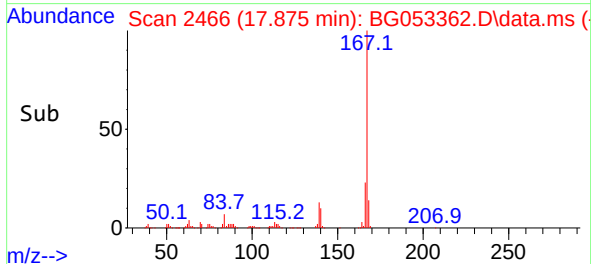
Instrument :
BNA_G
ClientSampleId :
PB144408BS



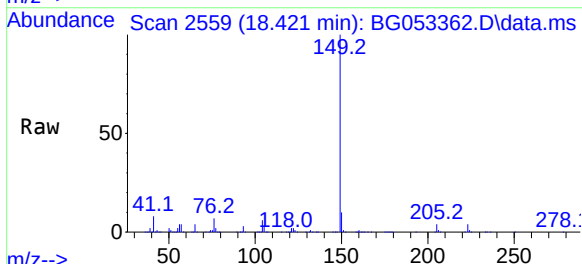
Tgt Ion:167 Resp: 497000
Ion Ratio Lower Upper
167 100
166 22.9 18.5 27.7
139 12.7 10.0 15.0

Manual Integrations
APPROVED

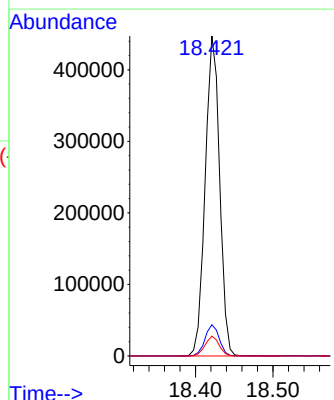
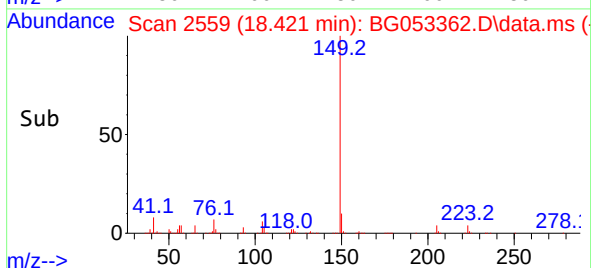
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022

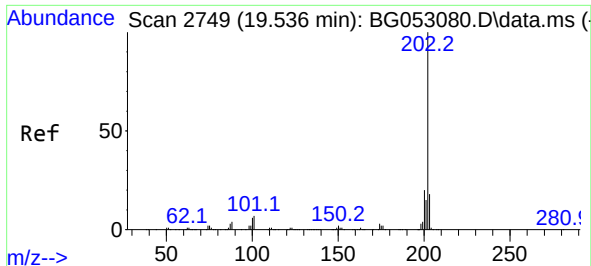


#74
Di-n-butylphthalate
Concen: 39.583 ng
RT: 18.421 min Scan# 2559
Delta R.T. -0.008 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06



Tgt Ion:149 Resp: 576576
Ion Ratio Lower Upper
149 100
150 9.8 7.0 10.6
104 6.2 4.6 7.0





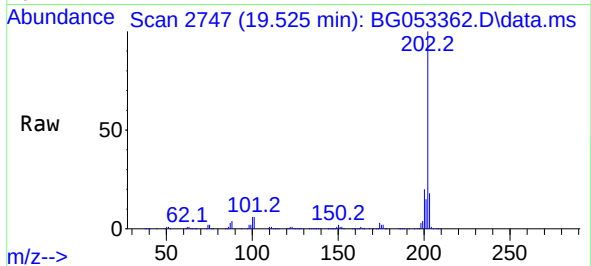
#75
Fluoranthene
Concen: 40.476 ng
RT: 19.525 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06

Instrument :

BNA_G

ClientSampleId :

PB144408BS

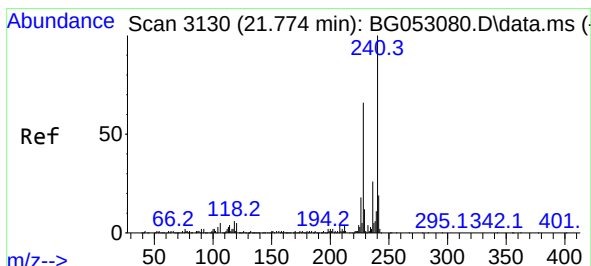
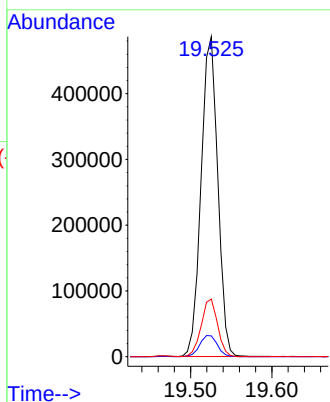
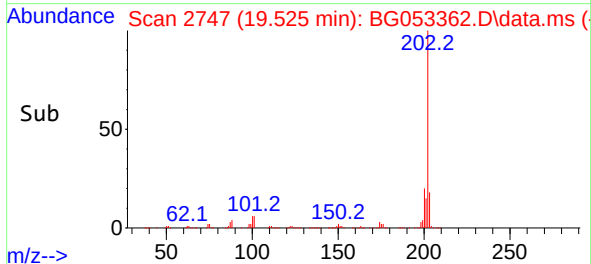


Tgt Ion:202 Resp: 691969
Ion Ratio Lower Upper
202 100
101 6.5 0.0 27.3
203 18.0 0.0 37.7

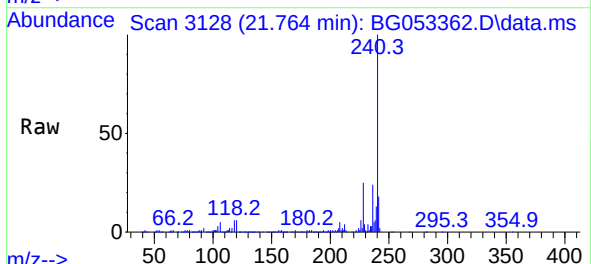
Manual Integrations

APPROVED

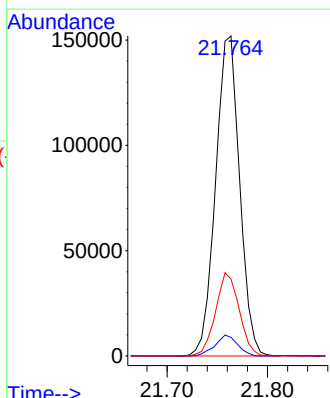
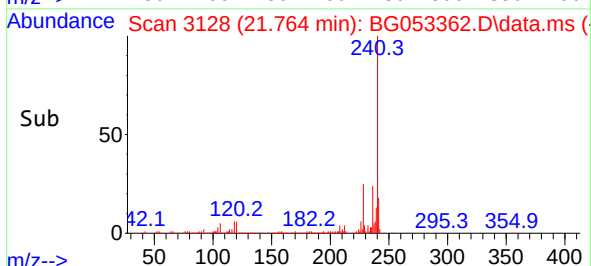
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022

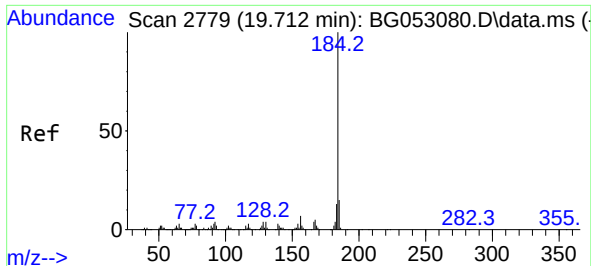


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.764 min Scan# 3128
Delta R.T. -0.002 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06



Tgt Ion:240 Resp: 252064
Ion Ratio Lower Upper
240 100
120 5.8 5.4 8.0
236 24.0 19.8 29.6





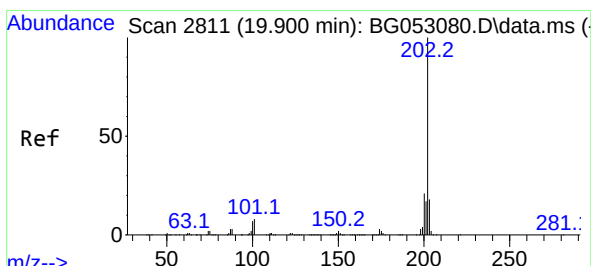
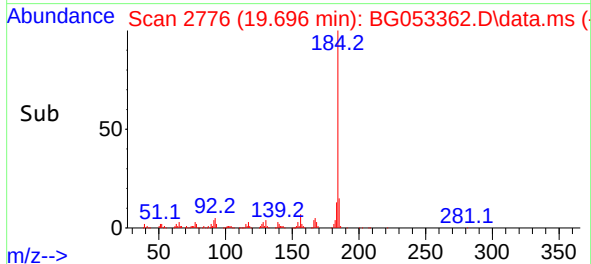
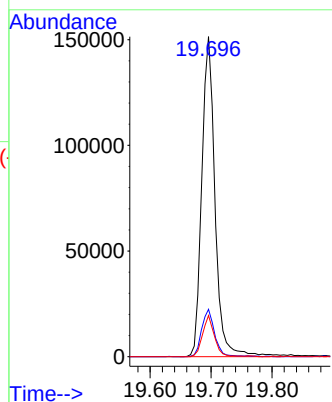
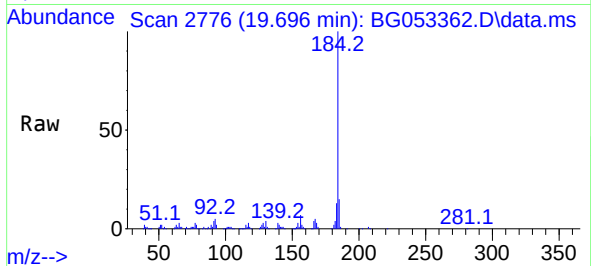
#77
Benzidine
Concen: 31.729 ng
RT: 19.696 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06

Instrument :
BNA_G
ClientSampleId :
PB144408BS

Tgt Ion:184 Resp: 228189
Ion Ratio Lower Upper
184 100
185 14.8 11.5 17.3
183 12.8 9.4 14.2

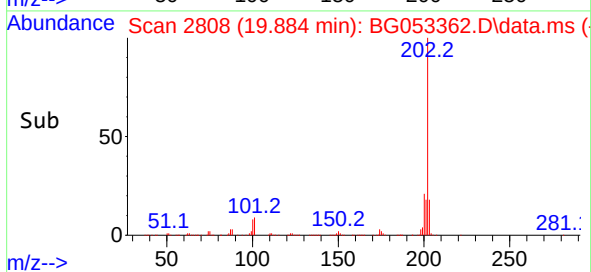
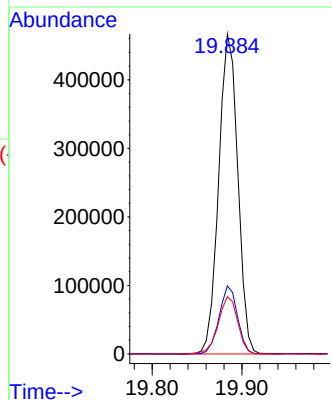
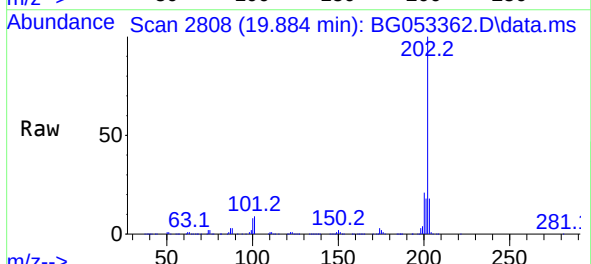
Manual Integrations
APPROVED

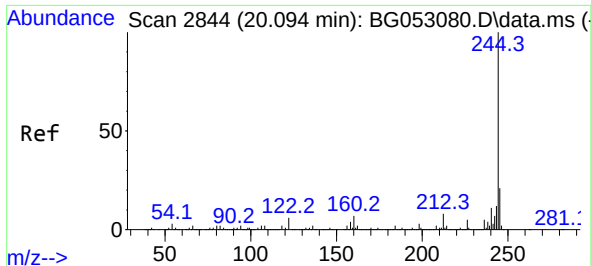
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022



#78
Pyrene
Concen: 38.405 ng
RT: 19.884 min Scan# 2808
Delta R.T. -0.008 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06

Tgt Ion:202 Resp: 689448
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.6
203 17.9 15.0 22.6





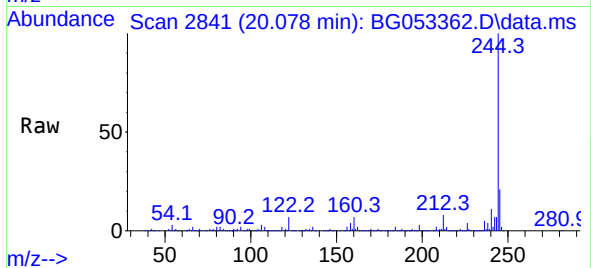
#79
 Terphenyl-d14
 Concen: 75.803 ng
 RT: 20.078 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BG053362.D
 Acq: 28 Apr 2022 12:06

Instrument :

BNA_G

ClientSampleId :

PB144408BS

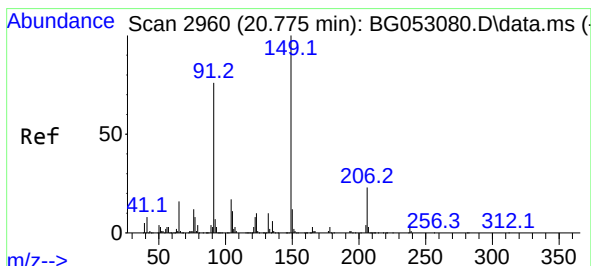
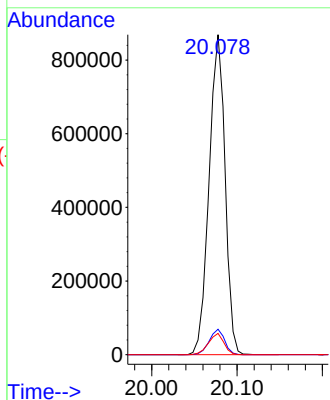
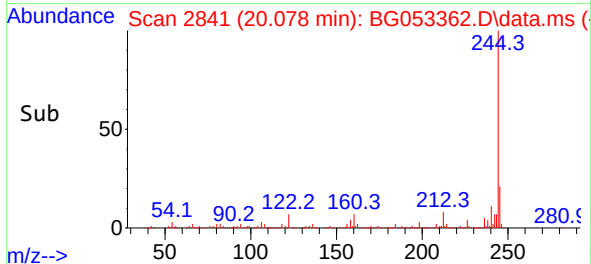


Tgt Ion:244 Resp: 1131344
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.4 8.2
 122 6.6 5.8 8.6

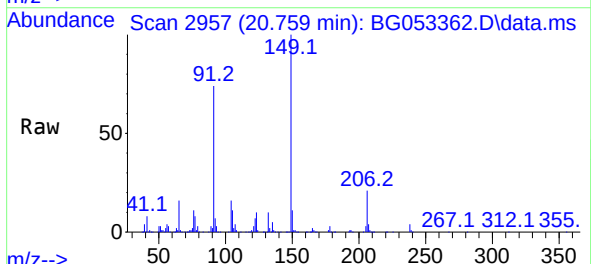
Manual Integrations

APPROVED

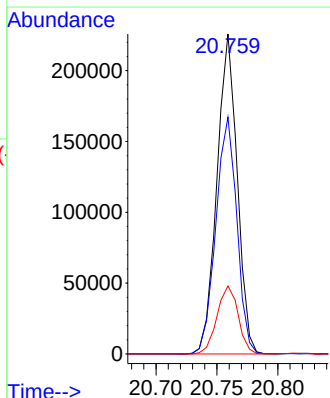
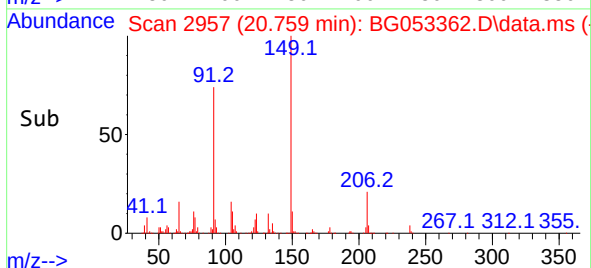
Reviewed By :Christian Giraldo 04/29/2022
 Supervised By :Jagrut Upadhyay 04/29/2022

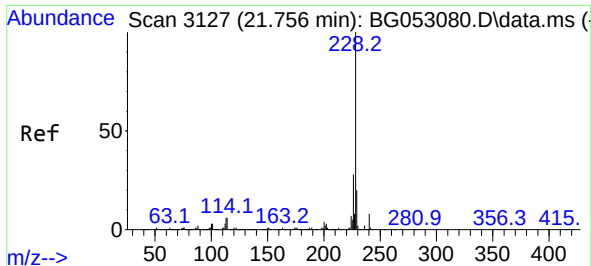


#80
 Butylbenzylphthalate
 Concen: 39.102 ng
 RT: 20.759 min Scan# 2957
 Delta R.T. -0.008 min
 Lab File: BG053362.D
 Acq: 28 Apr 2022 12:06



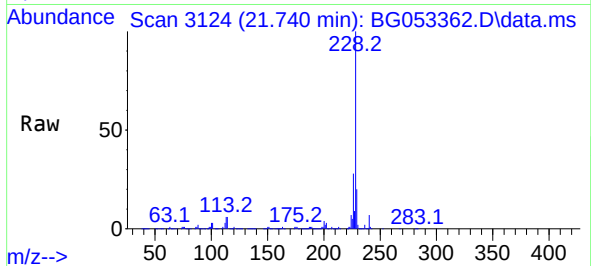
Tgt Ion:149 Resp: 261704
 Ion Ratio Lower Upper
 149 100
 91 74.0 60.2 90.4
 206 21.2 19.4 29.2





#81
Benzo(a)anthracene
Concen: 39.992 ng
RT: 21.740 min Scan# 3108
Delta R.T. -0.008 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06

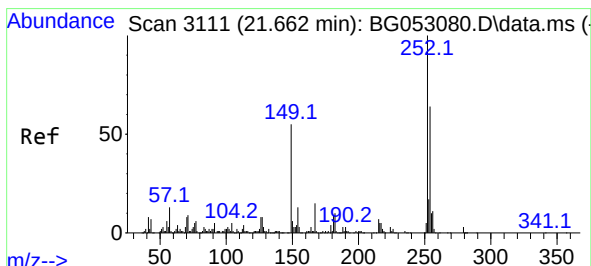
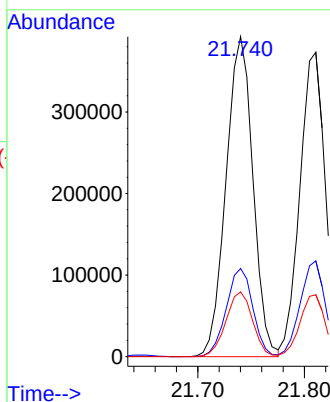
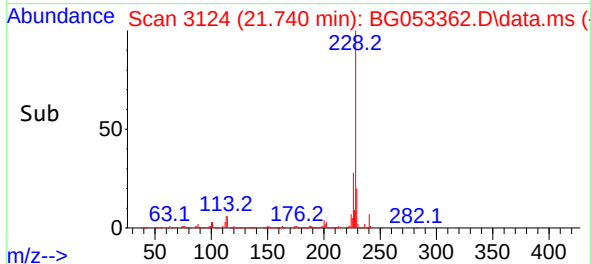
Instrument :
BNA_G
ClientSampleId :
PB144408BS



Tgt Ion:228 Resp: 68923
Ion Ratio Lower Upper
228 100
226 27.6 21.4 32.0
229 20.3 16.7 25.1

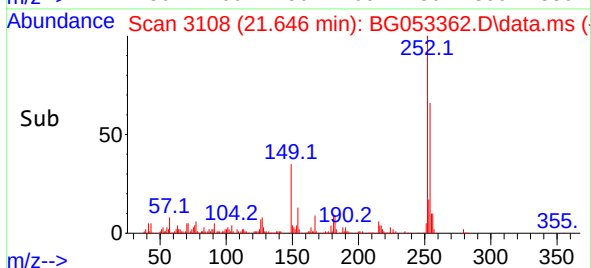
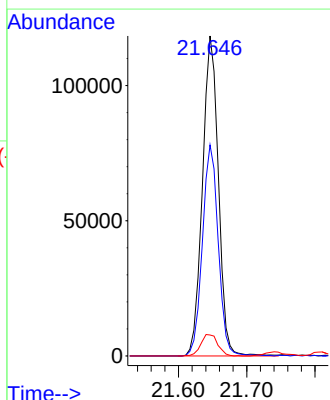
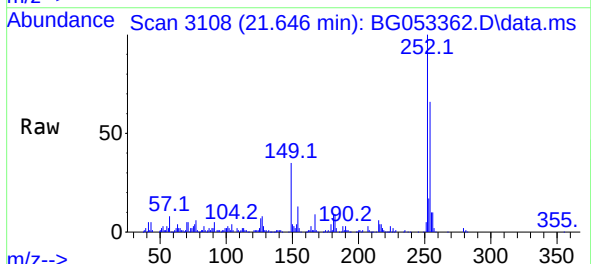
Manual Integrations
APPROVED

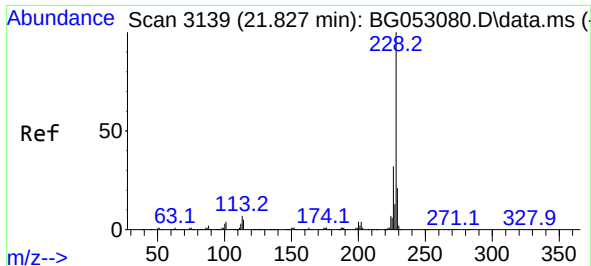
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022



#82
3,3'-Dichlorobenzidine
Concen: 30.319 ng
RT: 21.646 min Scan# 3108
Delta R.T. -0.008 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06

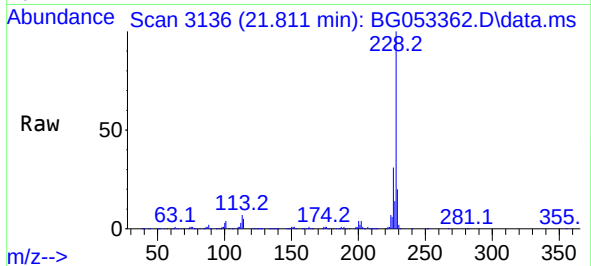
Tgt Ion:252 Resp: 192166
Ion Ratio Lower Upper
252 100
254 66.0 51.2 76.8
126 6.5 5.8 8.8





#83
Chrysene
Concen: 38.508 ng
RT: 21.811 min Scan# 3136
Delta R.T. -0.002 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06

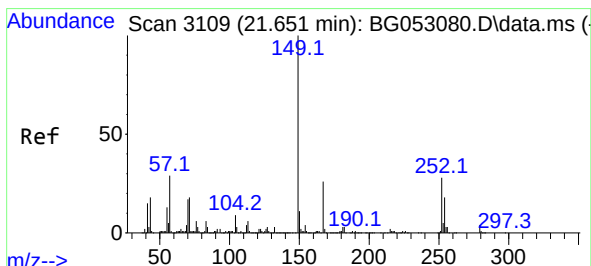
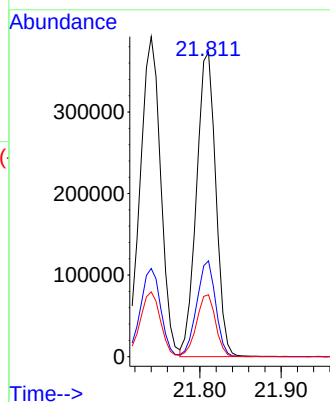
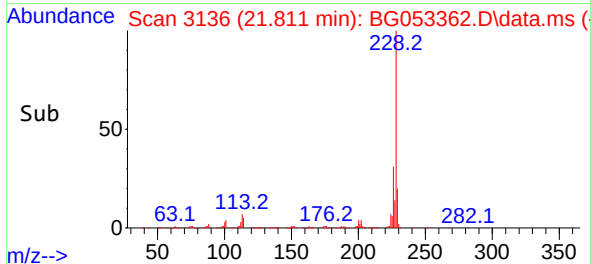
Instrument :
BNA_G
ClientSampleId :
PB144408BS



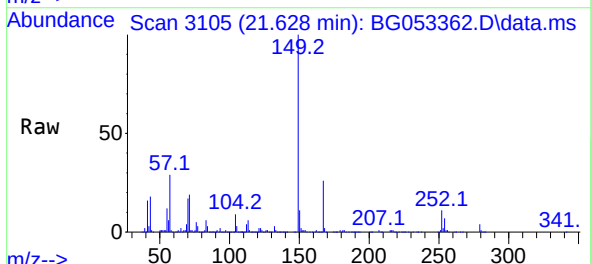
Tgt Ion:228 Resp: 61592
Ion Ratio Lower Upper
228 100
226 31.5 24.2 36.4
229 20.4 16.3 24.5

Manual Integrations
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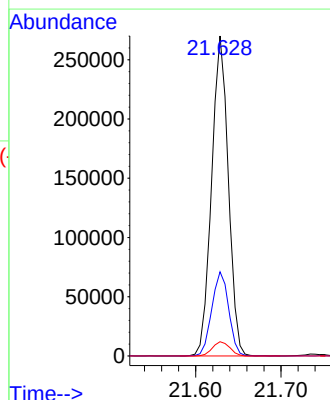
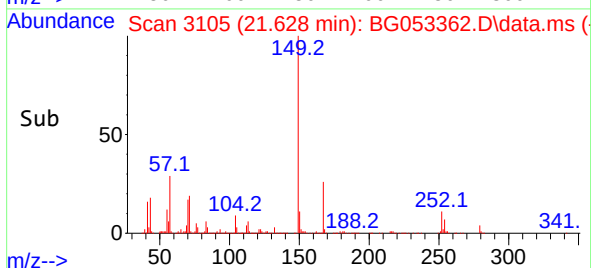
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022

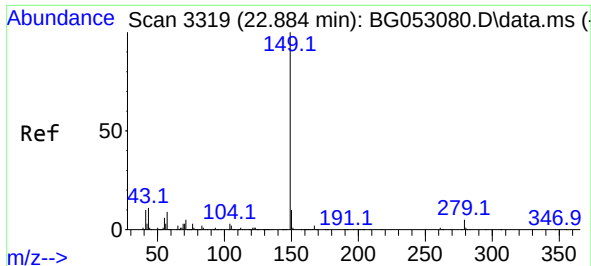


#84
Bis(2-ethylhexyl)phthalate
Concen: 40.594 ng
RT: 21.628 min Scan# 3105
Delta R.T. -0.008 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06



Tgt Ion:149 Resp: 367246
Ion Ratio Lower Upper
149 100
167 26.3 21.4 32.2
279 4.4 3.8 5.8





#85
Di-n-octyl phthalate
Concen: 41.174 ng
RT: 22.862 min Scan# 31
Delta R.T. -0.008 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06

Instrument :

BNA_G

ClientSampleId :

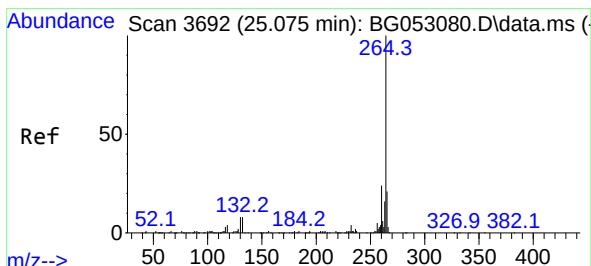
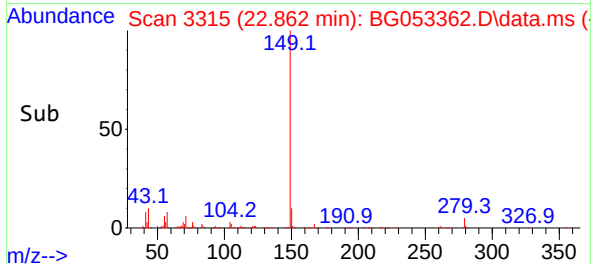
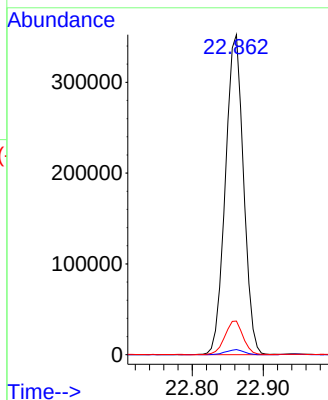
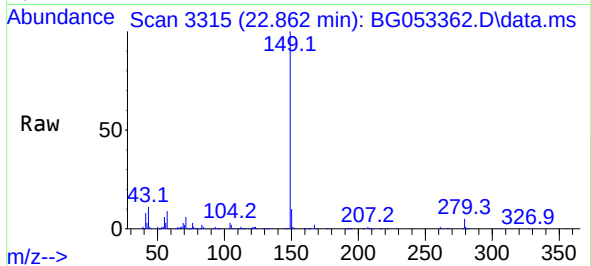
PB144408BS

Tgt Ion:149 Resp: 62296
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.7 7.6 11.4

Manual Integrations

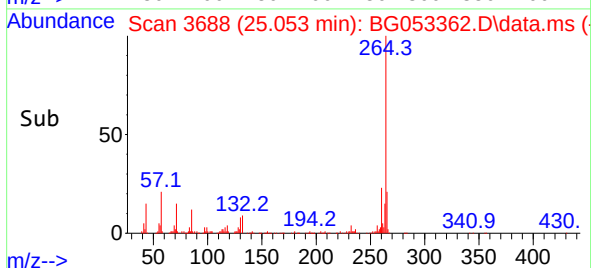
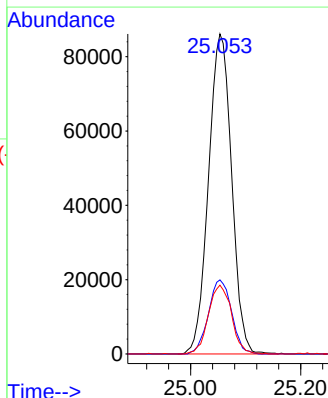
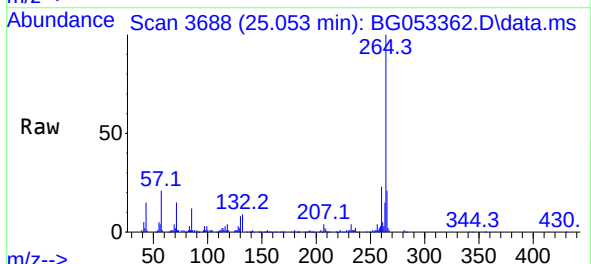
APPROVED

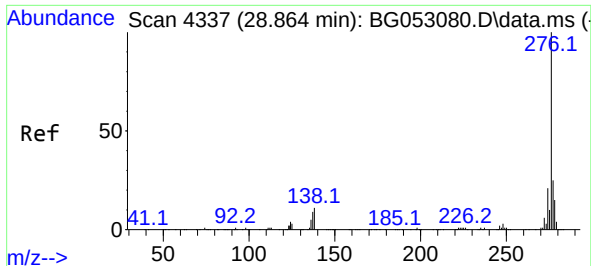
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.053 min Scan# 3688
Delta R.T. -0.008 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06

Tgt Ion:264 Resp: 250908
Ion Ratio Lower Upper
264 100
260 23.1 18.2 27.2
265 21.5 15.1 22.7





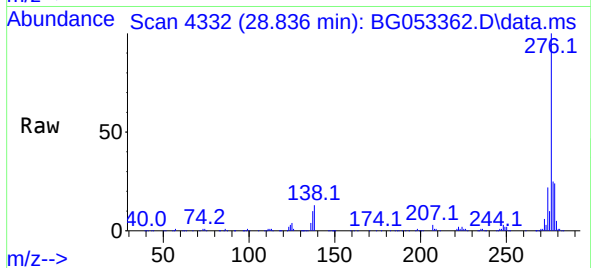
#87
Indeno(1,2,3-cd)pyrene
Concen: 40.852 ng
RT: 28.836 min Scan# 41
Delta R.T. -0.014 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06

Instrument :

BNA_G

ClientSampleId :

PB144408BS

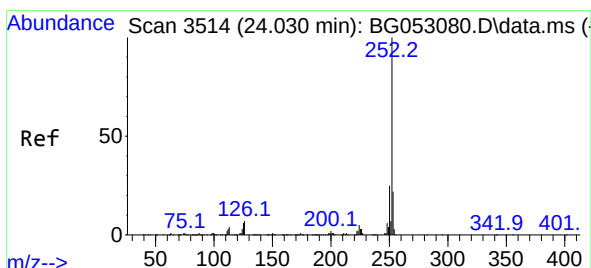
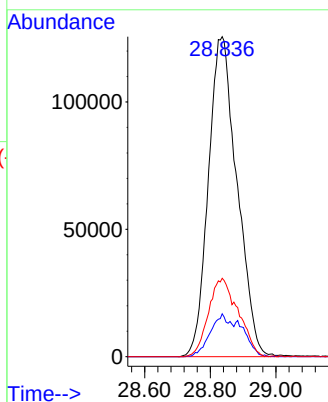
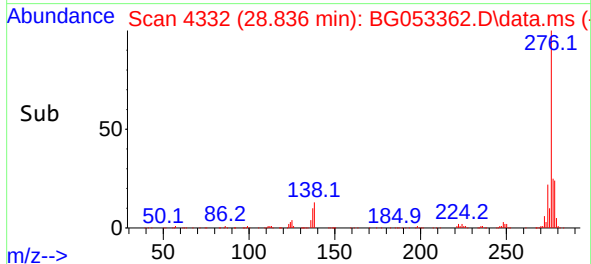


Tgt Ion:276 Resp: 761518
Ion Ratio Lower Upper
276 100
138 9.7 8.7 13.1
277 25.5 20.2 30.4

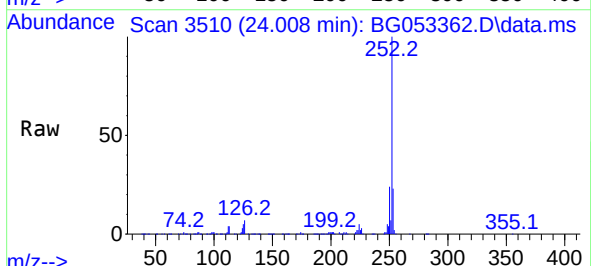
Manual Integrations

APPROVED

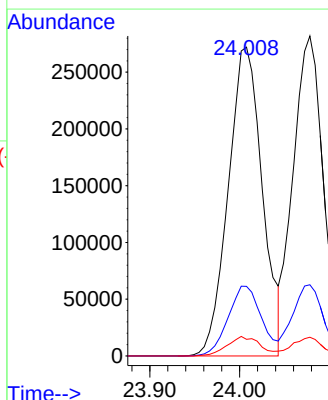
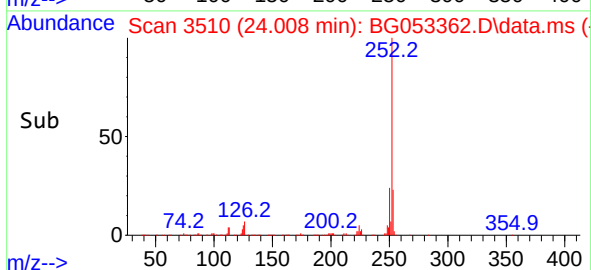
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022

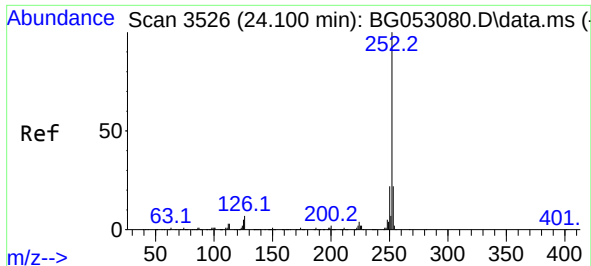


#88
Benzo(b)fluoranthene
Concen: 45.358 ng
RT: 24.008 min Scan# 3510
Delta R.T. -0.014 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06



Tgt Ion:252 Resp: 718050
Ion Ratio Lower Upper
252 100
253 22.5 17.2 25.8
125 5.4 5.2 7.8





#89
Benzo(k)fluoranthene
Concen: 42.177 ng
RT: 24.078 min Scan# 31
Delta R.T. -0.008 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06

Instrument :

BNA_G

ClientSampleId :

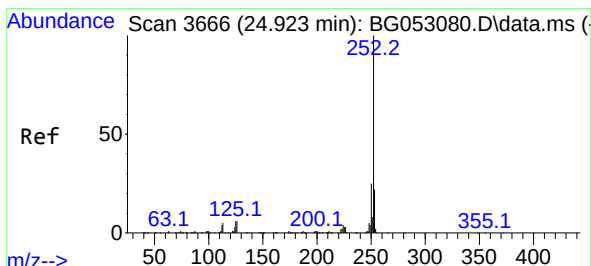
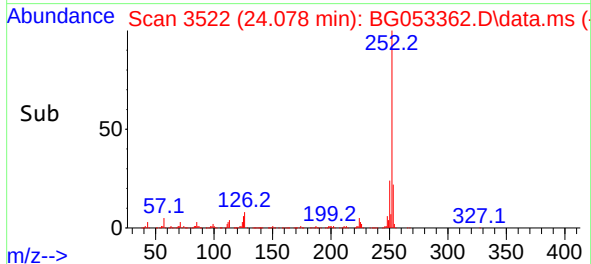
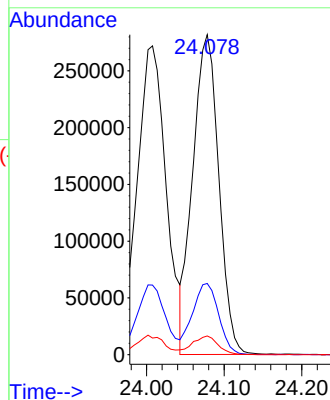
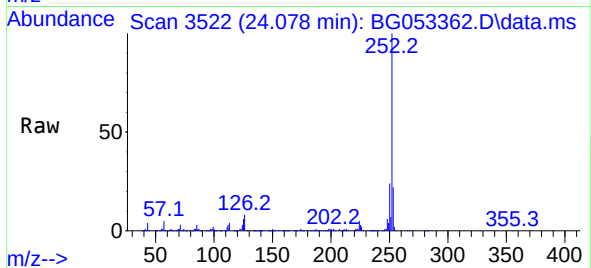
PB144408BS

Tgt Ion:252 Resp: 656215
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 5.9 5.0 7.4

Manual Integrations

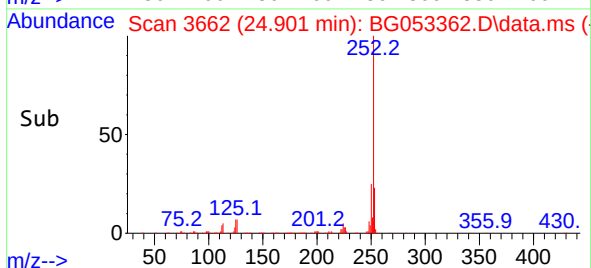
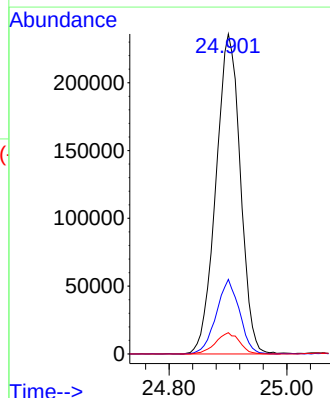
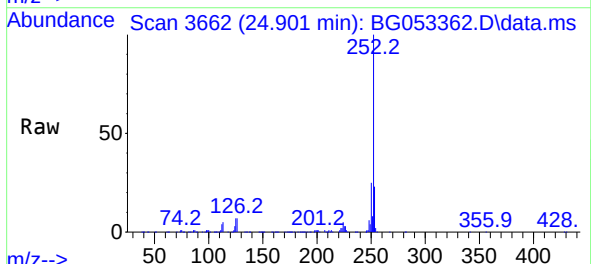
APPROVED

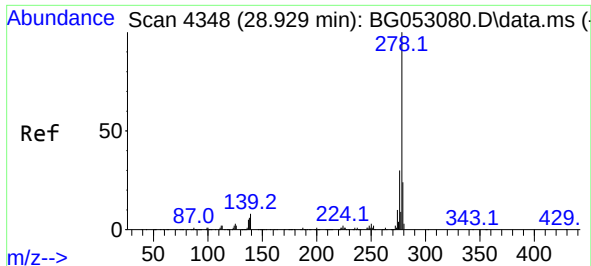
Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022



#90
Benzo(a)pyrene
Concen: 50.294 ng
RT: 24.901 min Scan# 3662
Delta R.T. -0.014 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06

Tgt Ion:252 Resp: 678285
Ion Ratio Lower Upper
252 100
253 23.3 18.4 27.6
125 6.7 5.6 8.4





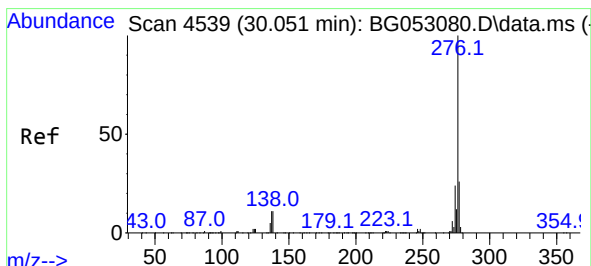
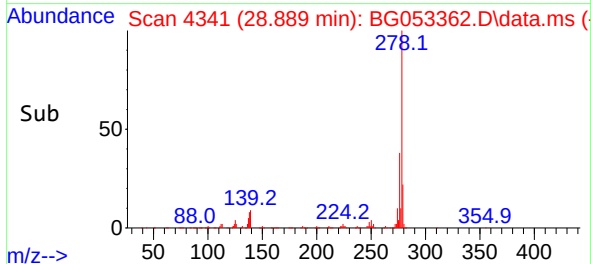
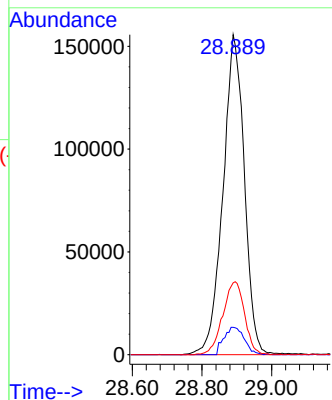
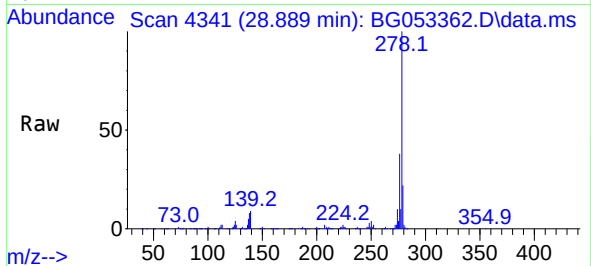
#91
Dibenzo(a,h)anthracene
Concen: 43.186 ng
RT: 28.889 min Scan# 41
Delta R.T. -0.014 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06

Instrument :
BNA_G
ClientSampleId :
PB144408BS

Tgt Ion:278 Resp: 662579
Ion Ratio Lower Upper
278 100
139 8.5 7.8 11.6
279 22.5 18.5 27.7

Manual Integrations
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Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022



#92
Benzo(g,h,i)perylene
Concen: 43.879 ng
RT: 30.017 min Scan# 4533
Delta R.T. -0.020 min
Lab File: BG053362.D
Acq: 28 Apr 2022 12:06

Tgt Ion:276 Resp: 663539
Ion Ratio Lower Upper
276 100
277 23.7 18.2 27.2
138 12.2 9.1 13.7

