

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
 Data File : BG053027.D
 Acq On : 5 Apr 2022 11:52
 Operator : CG/JU
 Sample : PB143839BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB143839BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/06/2022
 Supervised By : Jagrut Upadhyay 04/06/2022

Quant Time: Apr 05 14:26:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 05 14:24:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.137	152	29648	20.000	ng	0.00
21) Naphthalene-d8	10.945	136	123393	20.000	ng	# 0.00
39) Acenaphthene-d10	14.751	164	92531	20.000	ng	0.00
64) Phenanthrene-d10	17.495	188	221777	20.000	ng	0.00
76) Chrysene-d12	21.783	240	235508	20.000	ng	0.00
86) Perylene-d12	25.084	264	248868	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	228436	134.182	ng	0.00
7) Phenol-d6	7.285	99	326130	127.068	ng	0.00
23) Nitrobenzene-d5	9.294	82	230607	93.800	ng	0.00
42) 2,4,6-Tribromophenol	16.237	330	166619	134.006	ng	0.00
45) 2-Fluorobiphenyl	13.377	172	500012	79.697	ng	0.00
79) Terphenyl-d14	20.097	244	1038394	78.432	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.578	88	31397	36.868	ng	# 88
3) Pyridine	3.983	79	66802	30.601	ng	# 96
4) n-Nitrosodimethylamine	3.890	42	51457	53.134	ng	86
6) Aniline	7.455	93	105865	35.178	ng	95
8) 2-Chlorophenol	7.696	128	87258	48.779	ng	93
9) Benzaldehyde	7.261	77	56366	39.860	ng	99
10) Phenol	7.314	94	123867	48.891	ng	90
11) bis(2-Chloroethyl)ether	7.543	93	82824	43.289	ng	93
12) 1,3-Dichlorobenzene	8.025	146	92156m	42.788	ng	
13) 1,4-Dichlorobenzene	8.166	146	94198	43.529	ng	95
14) 1,2-Dichlorobenzene	8.489	146	90660	44.298	ng	98
15) Benzyl Alcohol	8.366	79	101057	46.762	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.659	45	141205	42.379	ng	98
17) 2-Methylphenol	8.566	107	79674	47.173	ng	96
18) Hexachloroethane	9.229	117	35314	44.478	ng	98
19) n-Nitroso-di-n-propyla...	8.930	70	79738	43.865	ng	93
20) 3+4-Methylphenols	8.894	107	110007	46.541	ng	90
22) Acetophenone	8.953	105	141148	44.203	ng	# 92
24) Nitrobenzene	9.335	77	124793	50.731	ng	# 88
25) Isophorone	9.858	82	210196	44.155	ng	99
26) 2-Nitrophenol	10.052	139	47995	56.184	ng	91
27) 2,4-Dimethylphenol	10.105	122	83841	47.974	ng	95
28) bis(2-Chloroethoxy)met...	10.340	93	114699	40.749	ng	99
29) 2,4-Dichlorophenol	10.586	162	95773	48.702	ng	98
30) 1,2,4-Trichlorobenzene	10.810	180	98215	42.337	ng	92
31) Naphthalene	10.998	128	267041	41.850	ng	98
32) Benzoic acid	10.240	122	48998	38.966	ng	93
33) 4-Chloroaniline	11.092	127	67973	25.134	ng	96
34) Hexachlorobutadiene	11.285	225	72998	43.888	ng	96
35) Caprolactam	11.855	113	30371m	56.560	ng	
36) 4-Chloro-3-methylphenol	12.208	107	110543	48.408	ng	92
37) 2-Methylnaphthalene	12.589	142	202566	43.349	ng	# 94
38) 1-Methylnaphthalene	12.807	142	187099	41.025	ng	# 93
40) 1,2,4,5-Tetrachloroben...	12.954	216	127773	44.199	ng	98
41) Hexachlorocyclopentadiene	12.942	237	169584	98.966	ng	97
43) 2,4,6-Trichlorophenol	13.189	196	87716	47.381	ng	99

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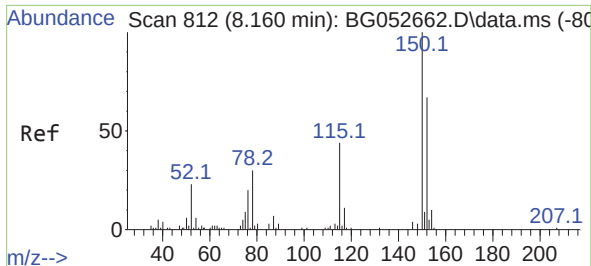
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.259	196	95282	50.707	ng	95
46) 1,1'-Biphenyl	13.588	154	279442	43.184	ng	99
47) 2-Chloronaphthalene	13.635	162	211392	41.481	ng	96
48) 2-Nitroaniline	13.823	65	85883	61.622	ng	89
49) Acenaphthylene	14.475	152	348997	42.961	ng	99
50) Dimethylphthalate	14.199	163	295229	42.930	ng	99
51) 2,6-Dinitrotoluene	14.317	165	63769	54.922	ng	# 78
52) Acenaphthene	14.816	154	260778	50.108	ng	98
53) 3-Nitroaniline	14.646	138	45103	33.197	ng	# 87
54) 2,4-Dinitrophenol	14.851	184	77854	123.011	ng	# 87
55) Dibenzofuran	15.151	168	346724	40.797	ng	100
56) 4-Nitrophenol	14.945	139	108203	97.631	ng	# 76
57) 2,4-Dinitrotoluene	15.098	165	93218	57.863	ng	# 84
58) Fluorene	15.797	166	286685	41.382	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.374	232	92091	45.851	ng	97
60) Diethylphthalate	15.556	149	307601	42.374	ng	99
61) 4-Chlorophenyl-phenyle...	15.785	204	155842	40.789	ng	97
62) 4-Nitroaniline	15.809	138	66394	46.247	ng	# 76
63) Azobenzene	16.079	77	319578	41.189	ng	97
65) 4,6-Dinitro-2-methylph...	15.867	198	57447	58.102	ng	94
66) n-Nitrosodiphenylamine	15.997	169	258036	41.327	ng	98
67) 4-Bromophenyl-phenylether	16.678	248	113140	42.314	ng	92
68) Hexachlorobenzene	16.807	284	126141	43.891	ng	96
69) Atrazine	16.942	200	113148	49.146	ng	95
70) Pentachlorophenol	17.142	266	157317	88.232	ng	90
71) Phenanthrene	17.536	178	504479	42.520	ng	97
72) Anthracene	17.630	178	515486	43.951	ng	98
73) Carbazole	17.894	167	474534	40.851	ng	99
74) Di-n-butylphthalate	18.446	149	541781	42.694	ng	98
75) Fluoranthene	19.545	202	670702	44.534	ng	99
77) Benzidine	19.709	184	239609	39.447	ng	98
78) Pyrene	19.903	202	671953	41.132	ng	99
80) Butylbenzylphthalate	20.778	149	245768	42.410	ng	96
81) Benzo(a)anthracene	21.759	228	655066	41.539	ng	96
82) 3,3'-Dichlorobenzidine	21.665	252	155240	27.876	ng	96
83) Chrysene	21.830	228	624056	42.093	ng	99
84) Bis(2-ethylhexyl)phtha...	21.654	149	342934	43.515	ng	98
85) Di-n-octyl phthalate	22.893	149	592042	45.126	ng	# 95
87) Indeno(1,2,3-cd)pyrene	28.862	276	793684	46.593	ng	98
88) Benzo(b)fluoranthene	24.033	252	709312	45.903	ng	99
89) Benzo(k)fluoranthene	24.103	252	658958	43.344	ng	99
90) Benzo(a)pyrene	24.932	252	681472	52.100	ng	98
91) Dibenzo(a,h)anthracene	28.932	278	661582	47.134	ng	97
92) Benzo(g,h,i)perylene	30.048	276	663426	47.770	ng	99

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

Manual Integrations

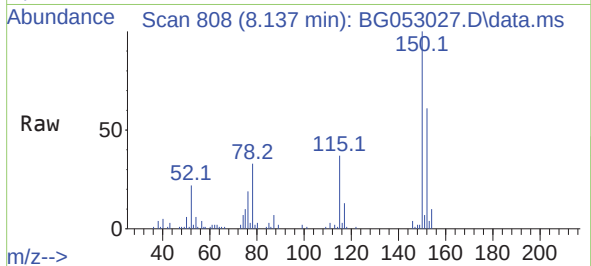
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.137 min Scan# 80
Delta R.T. 0.006 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

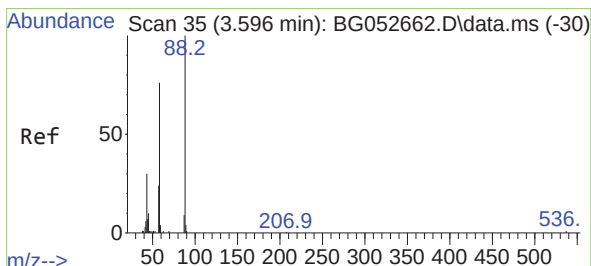
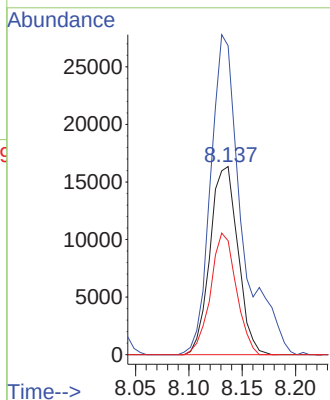
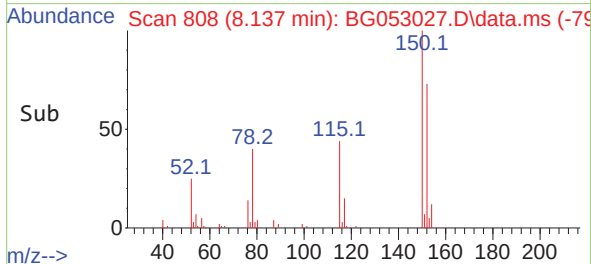
Instrument :
BNA_G
ClientSampleId :
PB143839BS



Tgt Ion:152 Resp: 2964
Ion Ratio Lower Upper
152 100
150 164.2 114.6 172.0
115 60.5 45.9 68.9

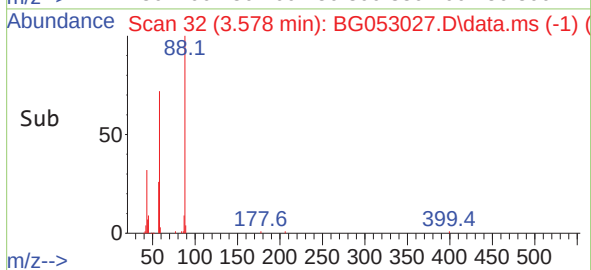
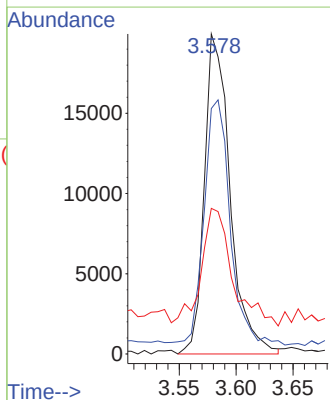
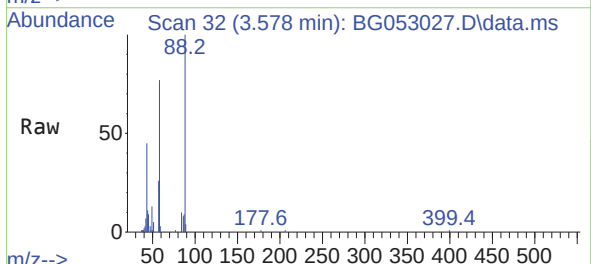
Manual Integrations
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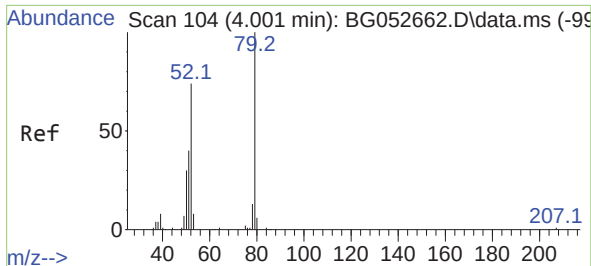
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#2
1,4-Dioxane
Concen: 36.868 ng
RT: 3.578 min Scan# 32
Delta R.T. -0.012 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

Tgt Ion: 88 Resp: 31397
Ion Ratio Lower Upper
88 100
58 77.4 58.2 87.2
43 44.6 23.4 35.0





#3
Pyridine
Concen: 30.601 ng
RT: 3.983 min Scan# 104
Delta R.T. -0.006 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

Instrument :

BNA_G

ClientSampleId :

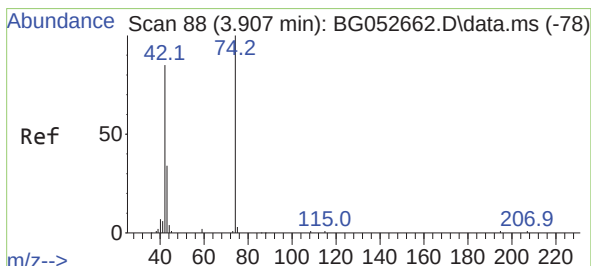
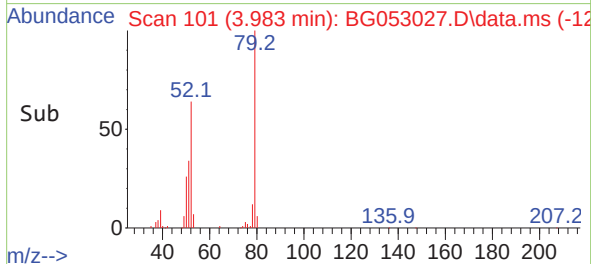
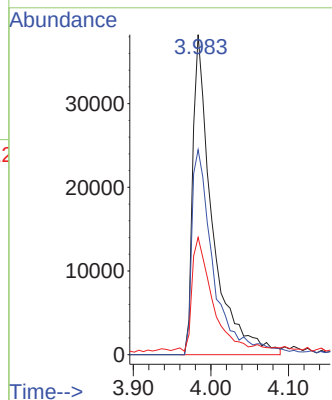
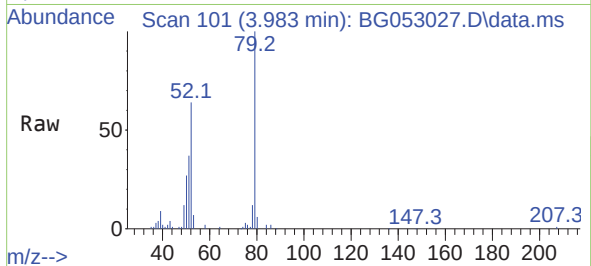
PB143839BS

Tgt Ion: 79 Resp: 6680
Ion Ratio Lower Upper
79 100
52 64.1 50.9 76.3
51 36.6 24.4 36.6

Manual Integrations

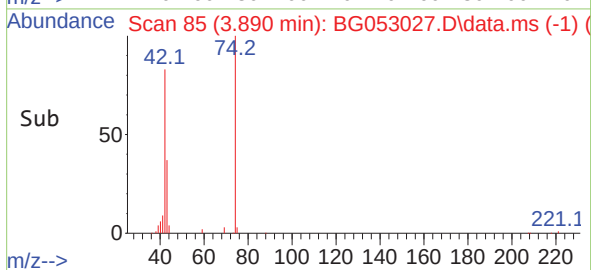
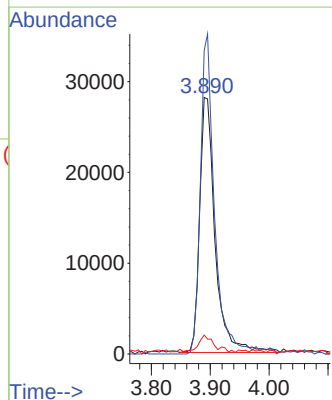
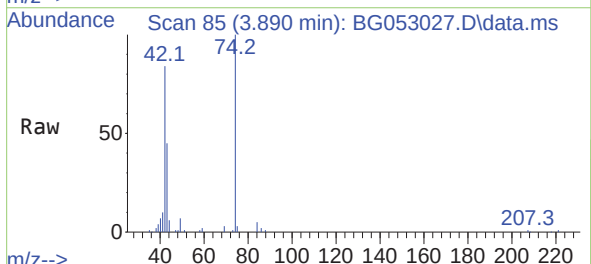
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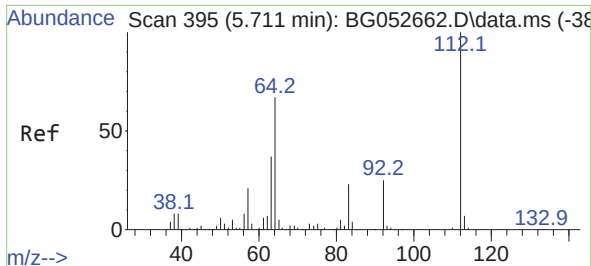
Reviewed By :Christian Giraldo 04/06/2022
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#4
n-Nitrosodimethylamine
Concen: 53.134 ng
RT: 3.890 min Scan# 85
Delta R.T. -0.012 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

Tgt Ion: 42 Resp: 51457
Ion Ratio Lower Upper
42 100
74 118.4 108.9 163.3
44 7.4 5.7 8.5





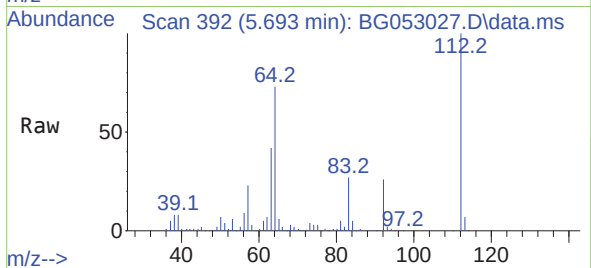
#5
2-Fluorophenol
Concen: 134.182 ng
RT: 5.693 min Scan# 395
Delta R.T. -0.000 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

Instrument :

BNA_G

ClientSampleId :

PB143839BS

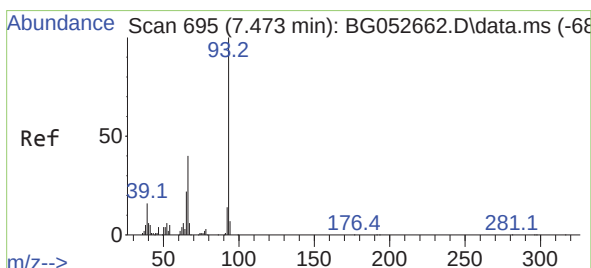
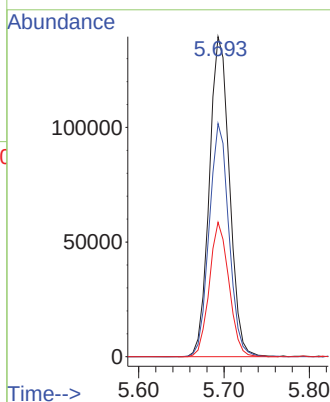
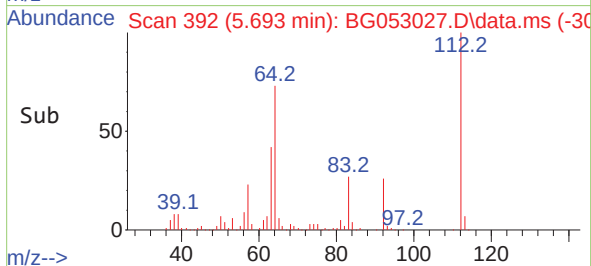


Tgt Ion:112 Resp: 228430
Ion Ratio Lower Upper
112 100
64 72.9 48.0 72.0
63 42.0 26.5 39.7

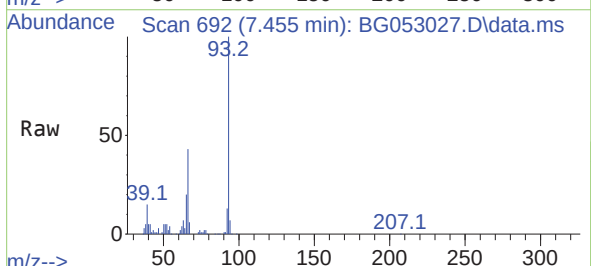
Manual Integrations

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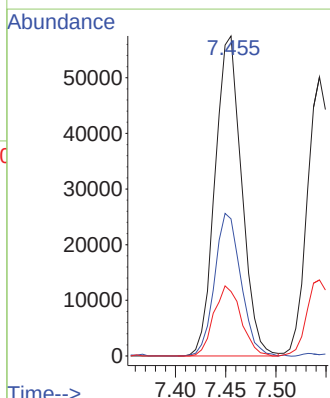
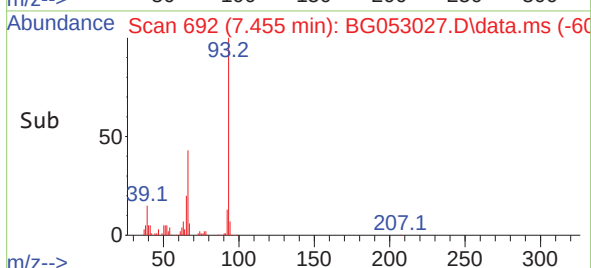
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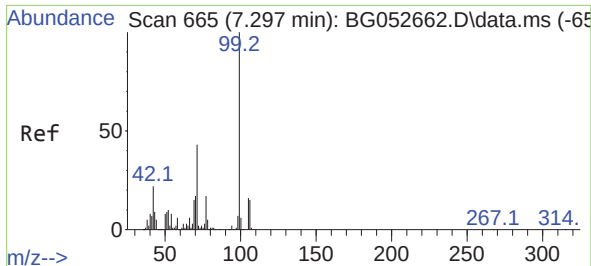


#6
Aniline
Concen: 35.178 ng
RT: 7.455 min Scan# 692
Delta R.T. 0.006 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52



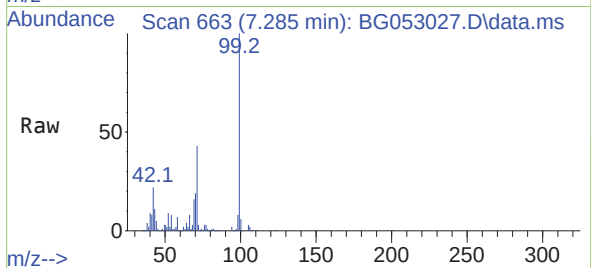
Tgt Ion: 93 Resp: 105865
Ion Ratio Lower Upper
93 100
66 42.8 31.3 46.9
65 20.1 16.7 25.1





#7
Phenol-d6
Concen: 127.068 ng
RT: 7.285 min Scan# 663
Delta R.T. -0.000 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

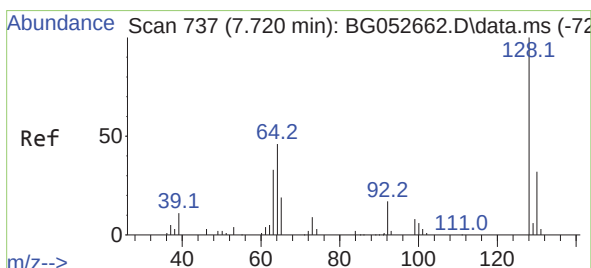
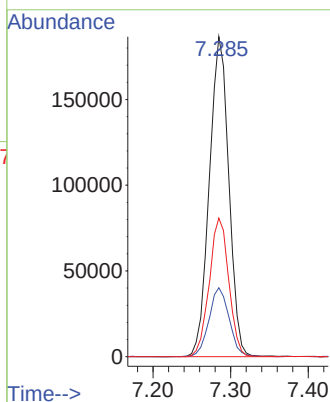
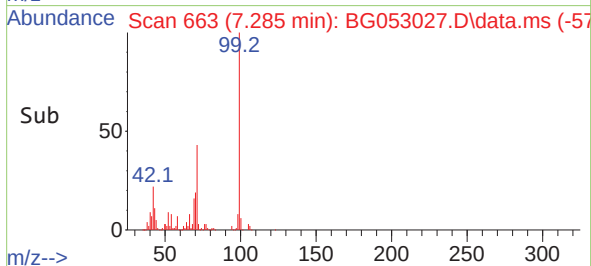
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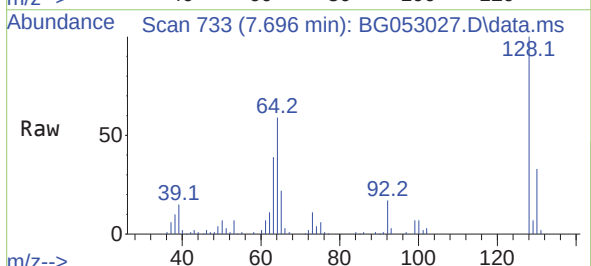
Tgt Ion: 99 Resp: 326130
Ion Ratio Lower Upper
99 100
42 21.6 14.7 22.1
71 43.3 29.2 43.8

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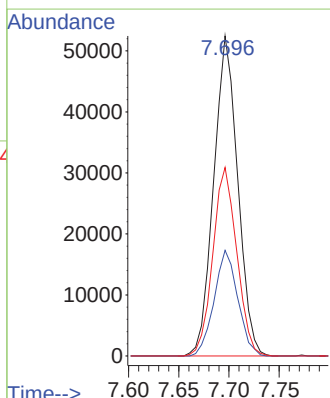
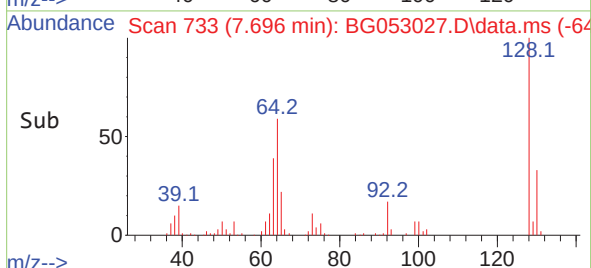
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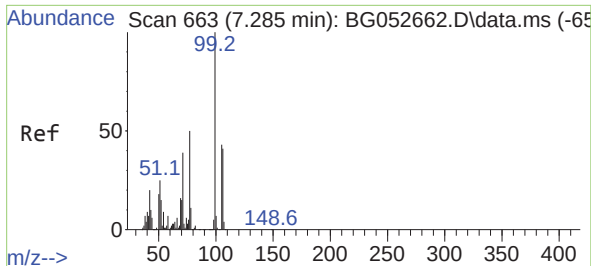


#8
2-Chlorophenol
Concen: 48.779 ng
RT: 7.696 min Scan# 733
Delta R.T. -0.000 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52



Tgt Ion:128 Resp: 87258
Ion Ratio Lower Upper
128 100
130 33.0 13.4 53.4
64 58.9 30.9 70.9





#9
Benzaldehyde
Concen: 39.860 ng
RT: 7.261 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

Instrument :

BNA_G

ClientSampleId :

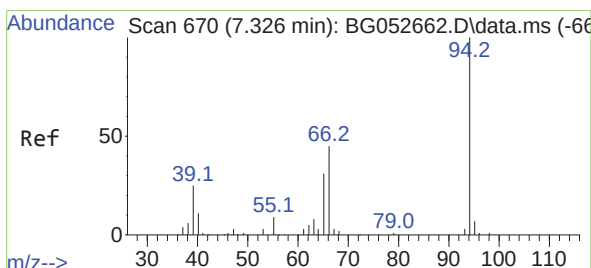
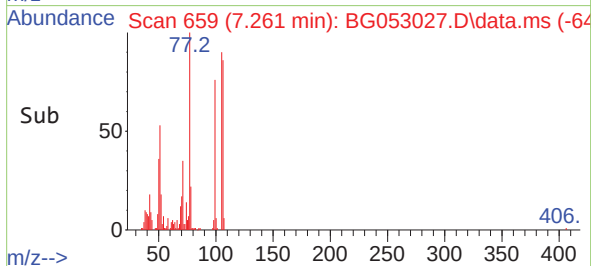
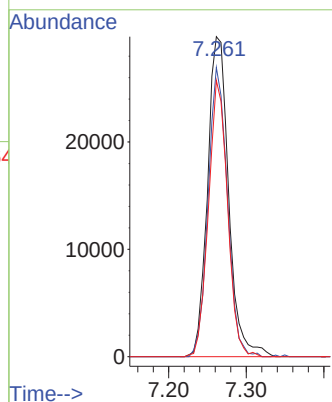
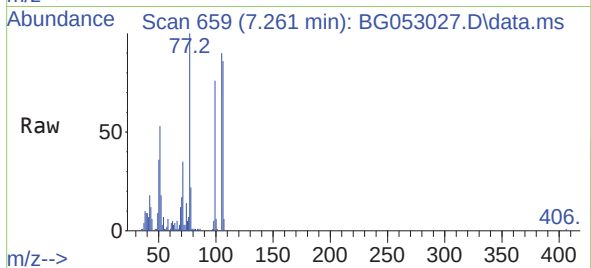
PB143839BS

Tgt Ion: 77 Resp: 5636
Ion Ratio Lower Upper
77 100
105 90.3 70.6 110.6
106 86.3 67.6 107.6

Manual Integrations

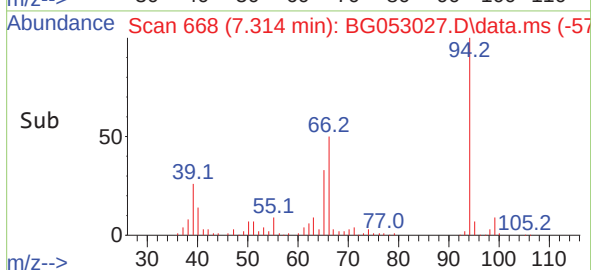
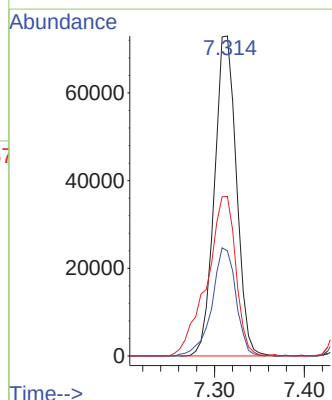
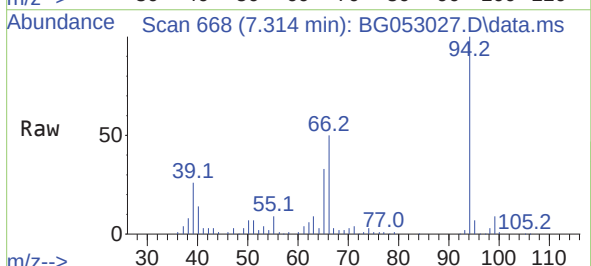
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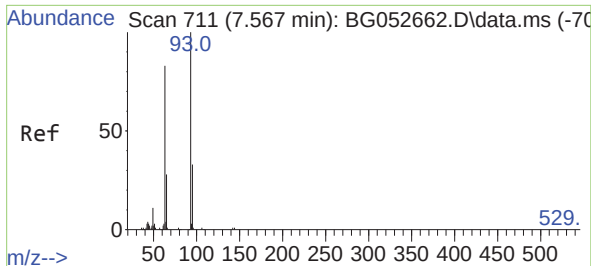
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#10
Phenol
Concen: 48.891 ng
RT: 7.314 min Scan# 668
Delta R.T. 0.006 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

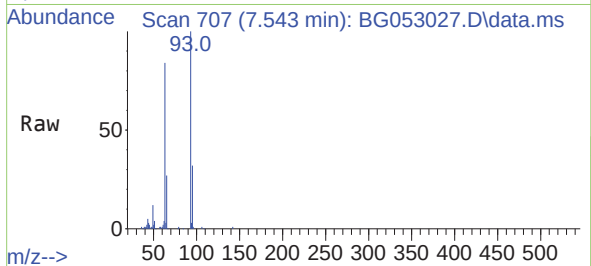
Tgt Ion: 94 Resp: 123867
Ion Ratio Lower Upper
94 100
65 32.9 11.1 51.1
66 49.8 20.0 60.0





#11
bis(2-Chloroethyl)ether
Concen: 43.289 ng
RT: 7.543 min Scan# 707
Delta R.T. -0.000 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

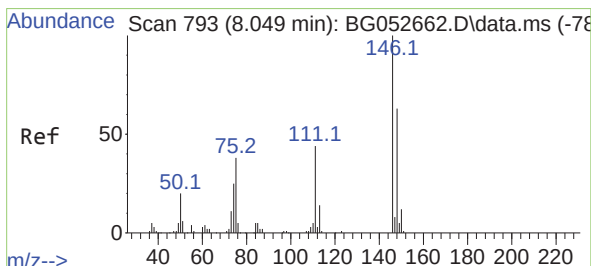
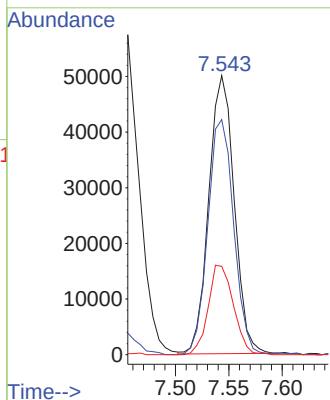
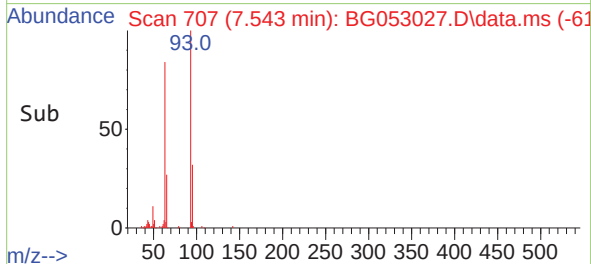
Instrument :
BNA_G
ClientSampleId :
PB143839BS



Tgt Ion: 93 Resp: 82824
Ion Ratio Lower Upper
93 100
63 84.2 56.9 96.9
95 31.6 14.5 54.5

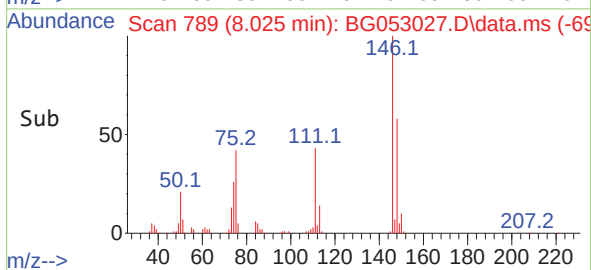
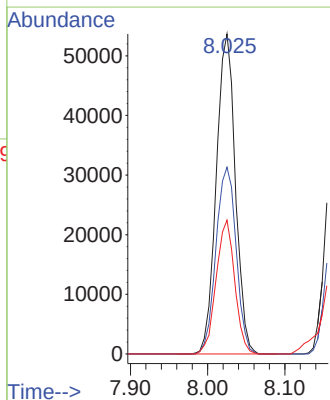
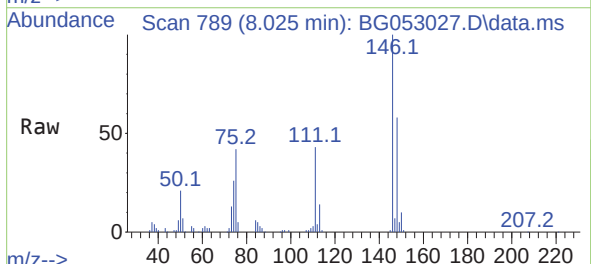
Manual Integrations
APPROVED

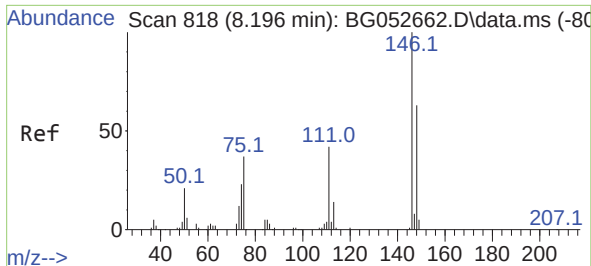
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#12
1,3-Dichlorobenzene
Concen: 42.788 ng m
RT: 8.025 min Scan# 789
Delta R.T. -0.000 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

Tgt Ion:146 Resp: 92156
Ion Ratio Lower Upper
146 100
148 58.3 50.6 76.0
75 41.8 25.9 38.9#





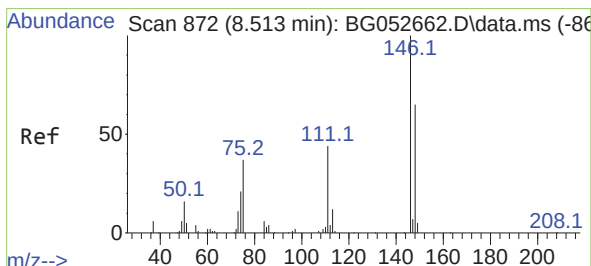
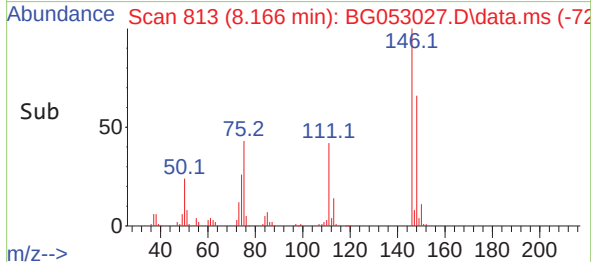
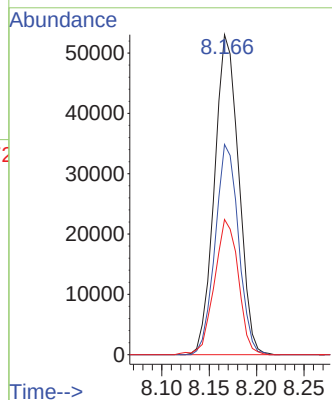
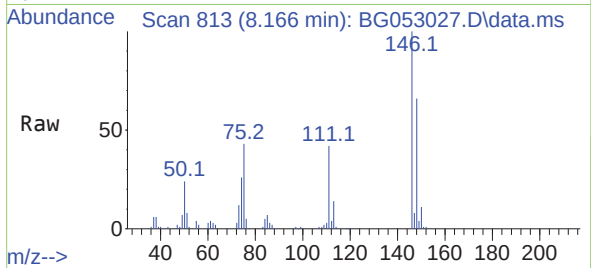
#13
1,4-Dichlorobenzene
Concen: 43.529 ng
RT: 8.166 min Scan# 813
Delta R.T. -0.006 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

Instrument :
BNA_G
ClientSampleId :
PB143839BS

Tgt Ion:146 Resp: 94198
Ion Ratio Lower Upper
146 100
148 65.7 50.0 75.0
111 42.3 31.0 46.4

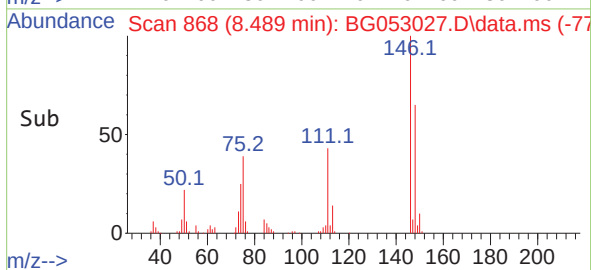
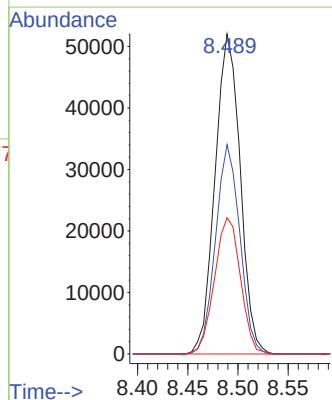
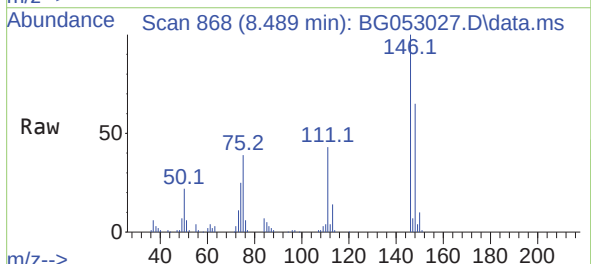
Manual Integrations
APPROVED

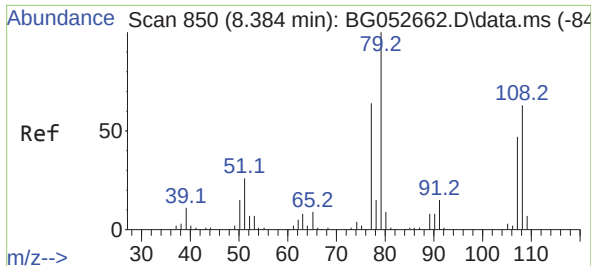
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#14
1,2-Dichlorobenzene
Concen: 44.298 ng
RT: 8.489 min Scan# 868
Delta R.T. -0.006 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

Tgt Ion:146 Resp: 90660
Ion Ratio Lower Upper
146 100
148 65.4 51.0 76.6
111 42.6 34.7 52.1





#15
Benzyl Alcohol
Concen: 46.762 ng
RT: 8.366 min Scan# 84
Delta R.T. -0.000 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

Instrument :

BNA_G

ClientSampleId :

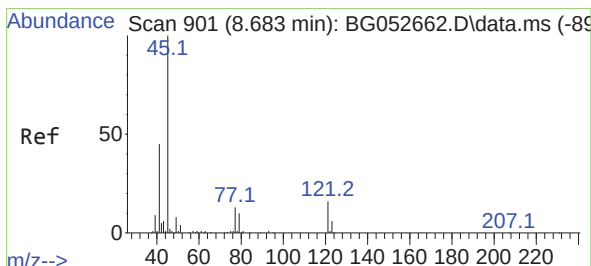
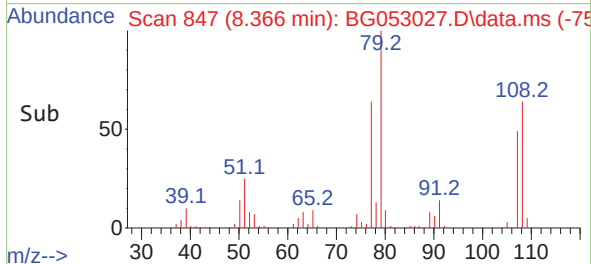
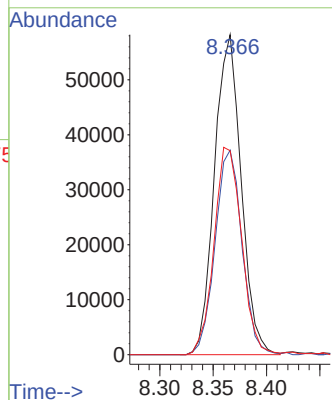
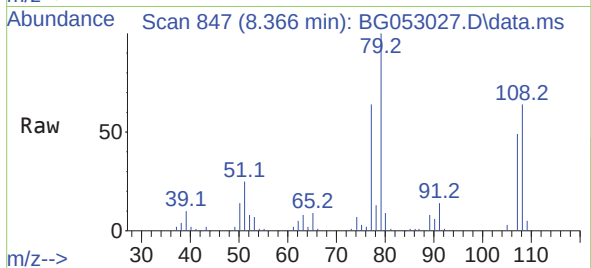
PB143839BS

Tgt Ion: 79 Resp: 10105
Ion Ratio Lower Upper
79 100
108 63.9 55.1 82.7
77 63.8 52.4 78.6

Manual Integrations

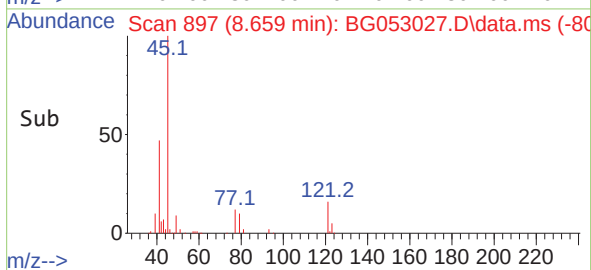
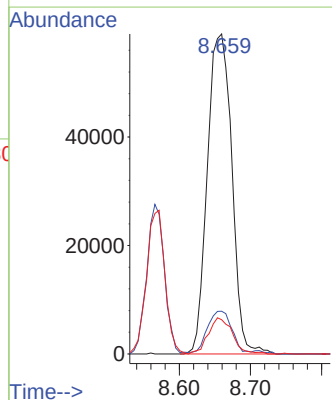
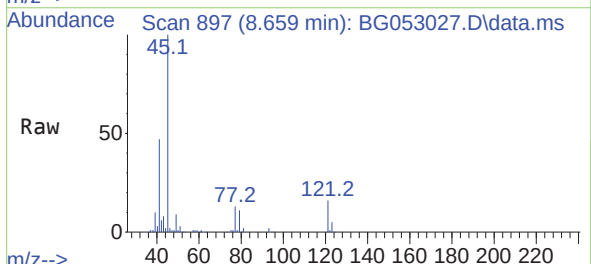
APPROVED

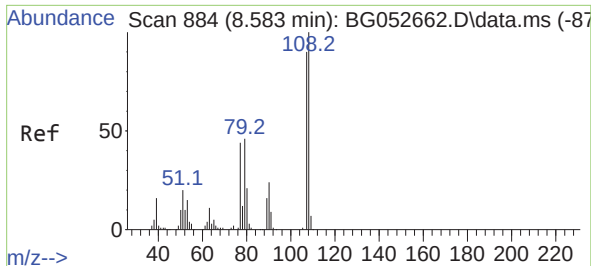
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.379 ng
RT: 8.659 min Scan# 897
Delta R.T. 0.006 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

Tgt Ion: 45 Resp: 141205
Ion Ratio Lower Upper
45 100
77 13.4 0.0 34.9
79 10.7 0.0 30.7





#17

2-Methylphenol

Concen: 47.173 ng

RT: 8.566 min Scan# 81

Delta R.T. -0.000 min

Lab File: BG053027.D

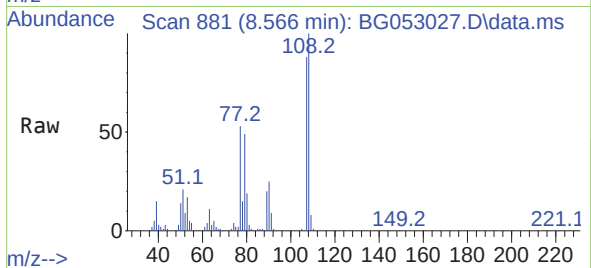
Acq: 5 Apr 2022 11:52

Instrument :

BNA_G

ClientSampleId :

PB143839BS



Tgt Ion:107 Resp: 79674

Ion Ratio Lower Upper

107 100

108 113.9 91.5 137.3

77 60.0 42.5 63.7

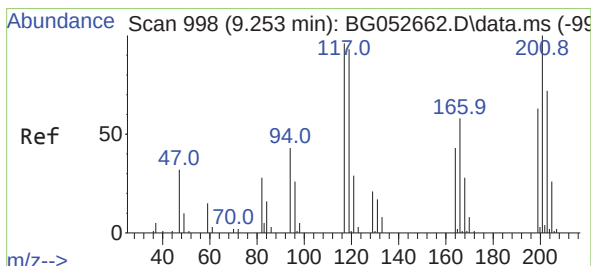
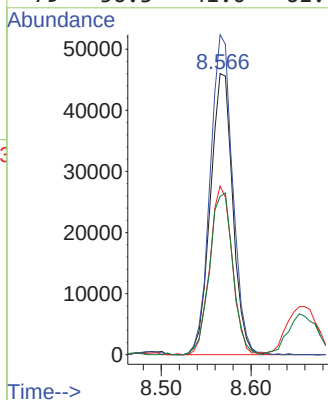
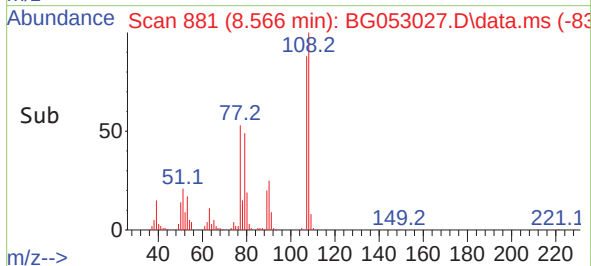
79 56.3 41.0 61.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/06/2022

Supervised By :Jagrut Upadhyay 04/06/2022



#18

Hexachloroethane

Concen: 44.478 ng

RT: 9.229 min Scan# 994

Delta R.T. 0.006 min

Lab File: BG053027.D

Acq: 5 Apr 2022 11:52

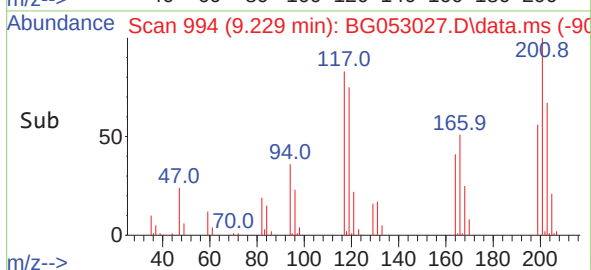
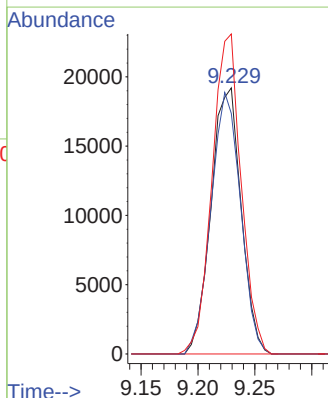
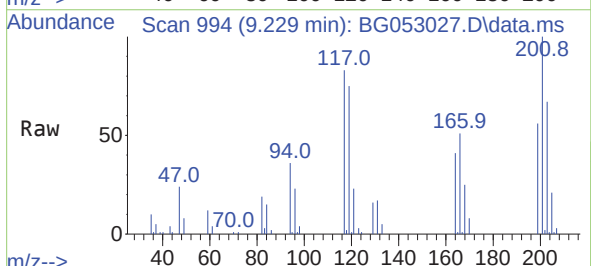
Tgt Ion:117 Resp: 35314

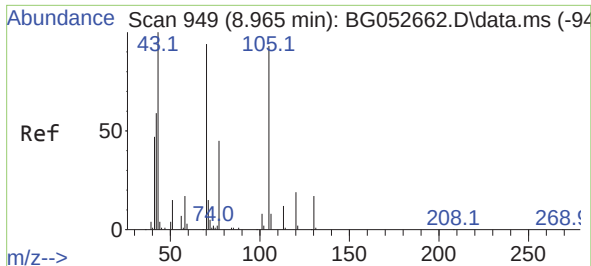
Ion Ratio Lower Upper

117 100

119 90.4 75.1 112.7

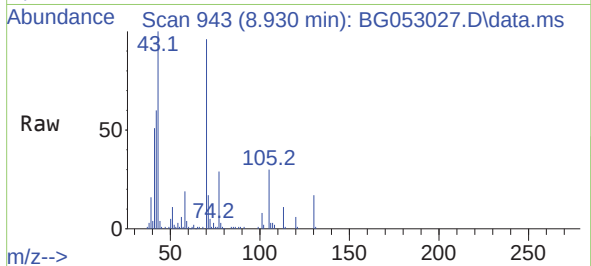
201 120.3 96.6 145.0





#19
n-Nitroso-di-n-propylamine
Concen: 43.865 ng
RT: 8.930 min Scan# 949
Delta R.T. -0.006 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

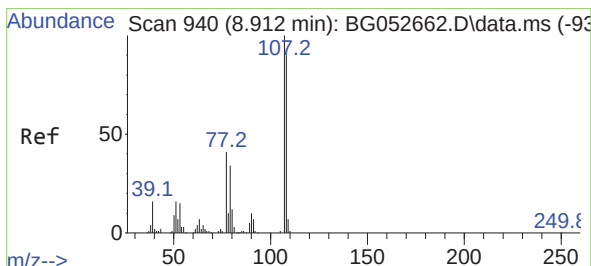
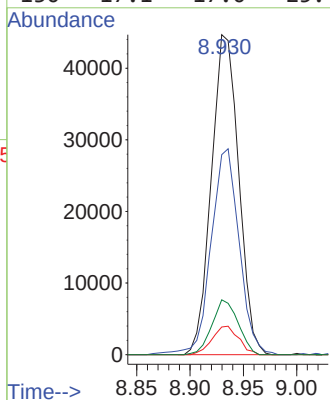
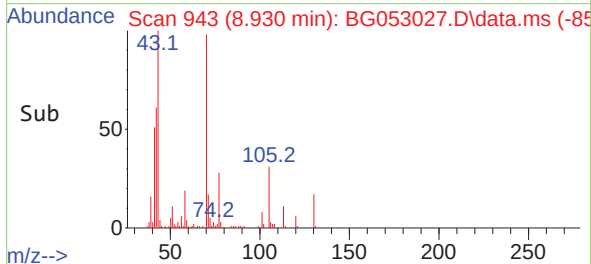
Instrument :
BNA_G
ClientSampleId :
PB143839BS



Tgt Ion: 70 Resp: 79738
Ion Ratio Lower Upper
70 100
42 62.5 46.0 69.0
101 8.6 6.2 9.4
130 17.1 17.0 25.4

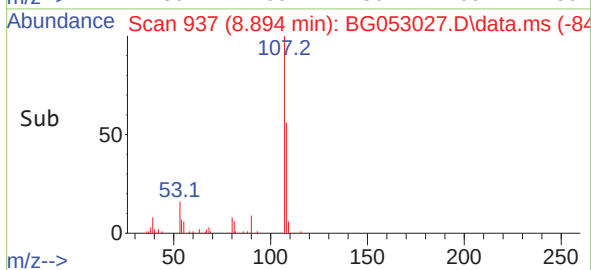
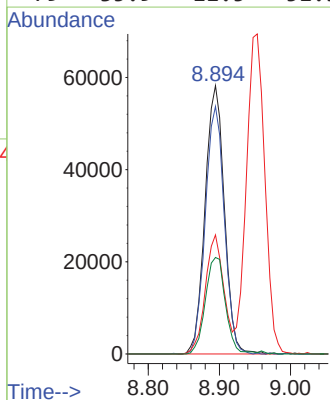
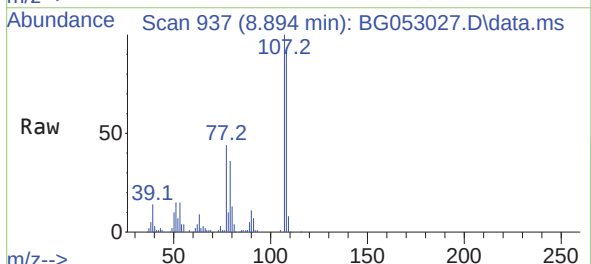
Manual Integrations
APPROVED

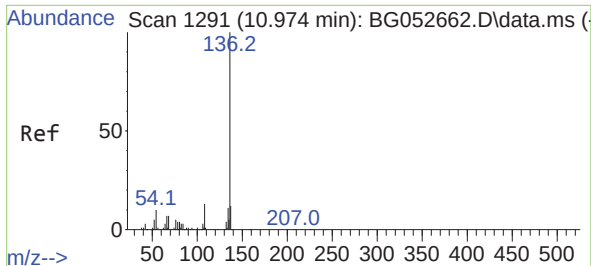
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#20
3+4-Methylphenols
Concen: 46.541 ng
RT: 8.894 min Scan# 937
Delta R.T. -0.000 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

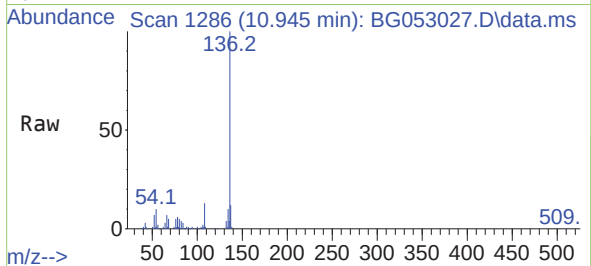
Tgt Ion:107 Resp: 110007
Ion Ratio Lower Upper
107 100
108 92.2 64.8 104.8
77 44.4 15.9 55.9
79 35.9 11.5 51.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.945 min Scan# 1286
Delta R.T. -0.000 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

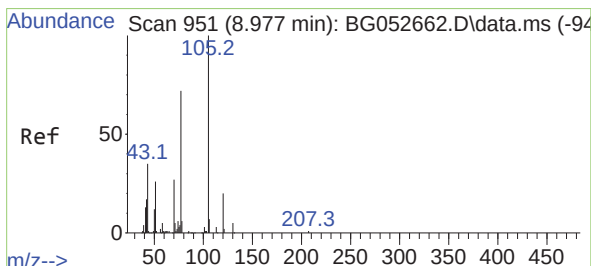
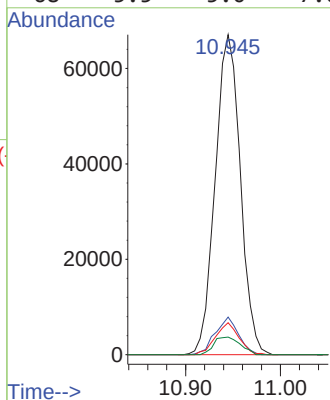
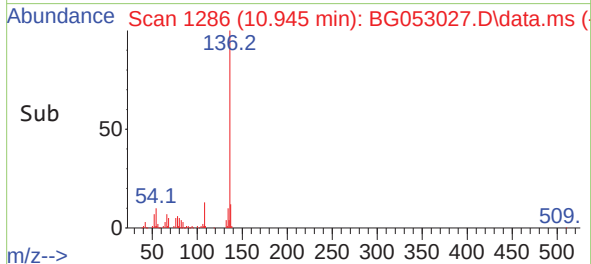
Instrument :
BNA_G
ClientSampleId :
PB143839BS



Tgt Ion:136 Resp: 12339
Ion Ratio Lower Upper
136 100
137 11.8 9.4 14.2
54 10.0 6.4 9.6
68 5.5 5.0 7.6

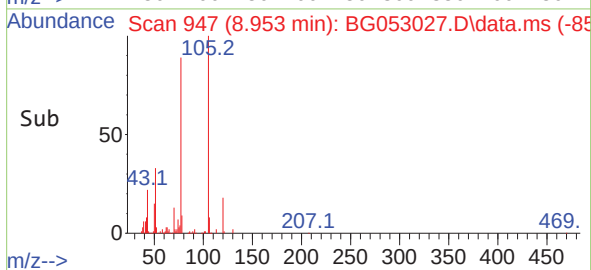
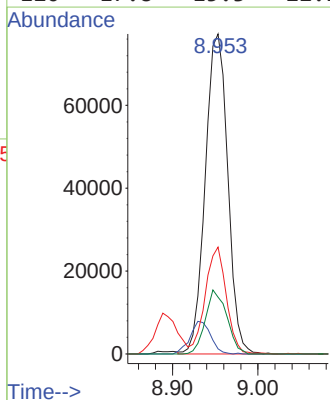
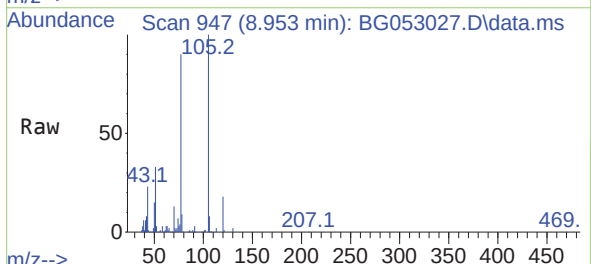
Manual Integrations
APPROVED

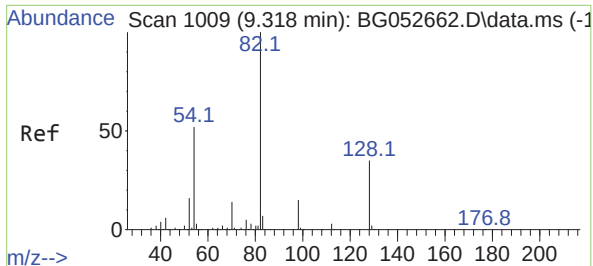
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#22
Acetophenone
Concen: 44.203 ng
RT: 8.953 min Scan# 947
Delta R.T. -0.000 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

Tgt Ion:105 Resp: 141148
Ion Ratio Lower Upper
105 100
71 1.6 2.1 3.1#
51 33.4 21.9 32.9#
120 17.8 15.3 22.9





#23

Nitrobenzene-d5

Concen: 93.800 ng

RT: 9.294 min Scan# 1005

Delta R.T. -0.000 min

Lab File: BG053027.D

Acq: 5 Apr 2022 11:52

Instrument :

BNA_G

ClientSampleId :

PB143839BS

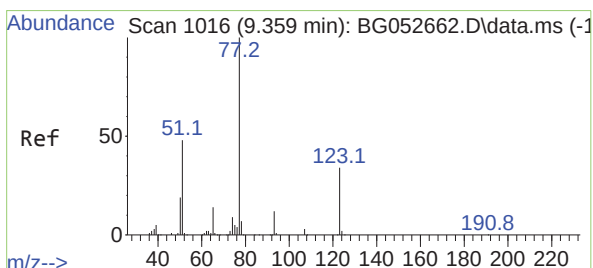
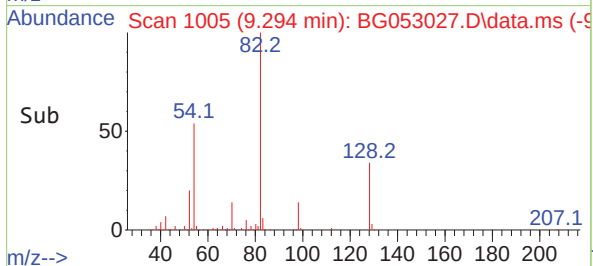
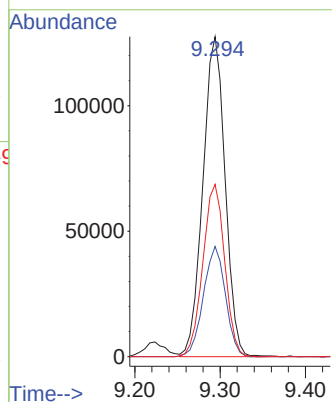
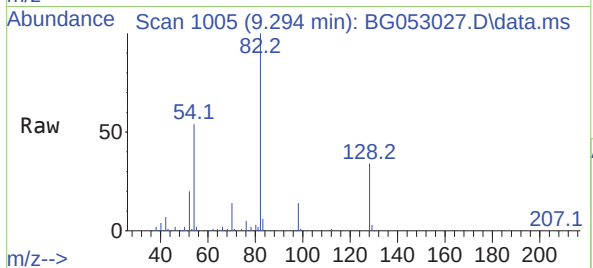
Tgt Ion:	82	Resp:	23060
Ion	Ratio	Lower	Upper
82	100		
128	34.5	31.3	46.9
54	53.9	37.8	56.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/06/2022

Supervised By :Jagrut Upadhyay 04/06/2022



#24

Nitrobenzene

Concen: 50.731 ng

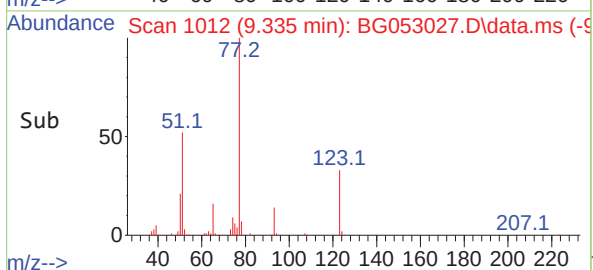
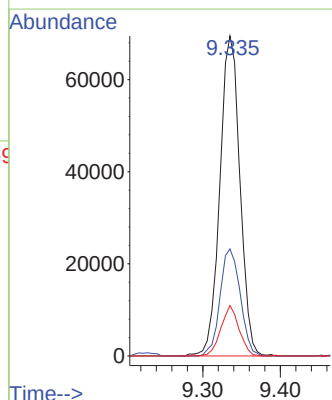
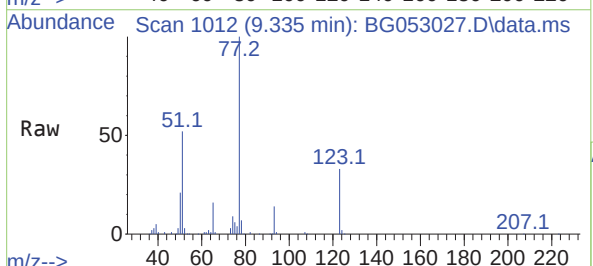
RT: 9.335 min Scan# 1012

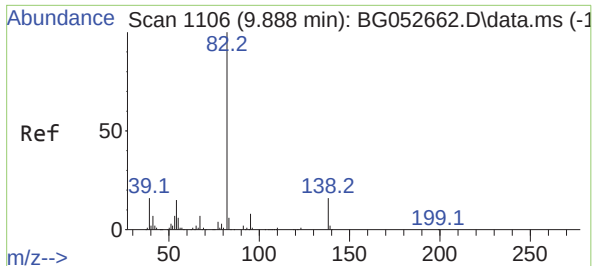
Delta R.T. -0.000 min

Lab File: BG053027.D

Acq: 5 Apr 2022 11:52

Tgt Ion:	77	Resp:	124793
Ion	Ratio	Lower	Upper
77	100		
123	33.5	34.4	51.6#
65	15.8	11.2	16.8





#25
Isophorone
Concen: 44.155 ng
RT: 9.858 min Scan# 1106
Delta R.T. -0.000 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

Instrument :

BNA_G

ClientSampleId :

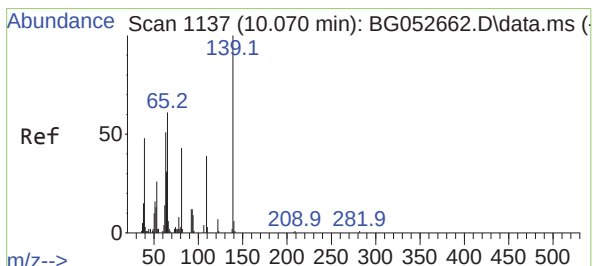
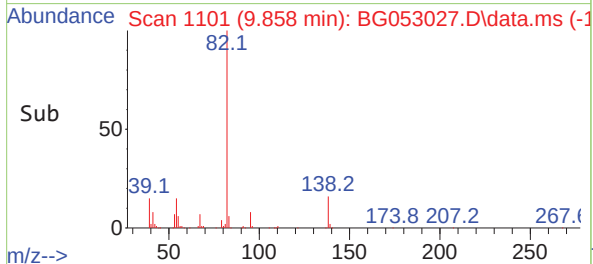
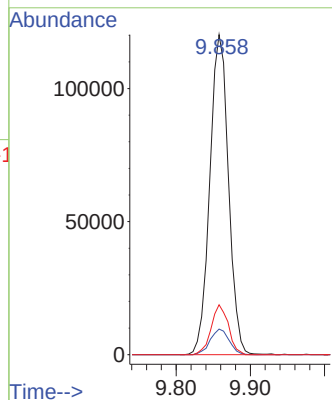
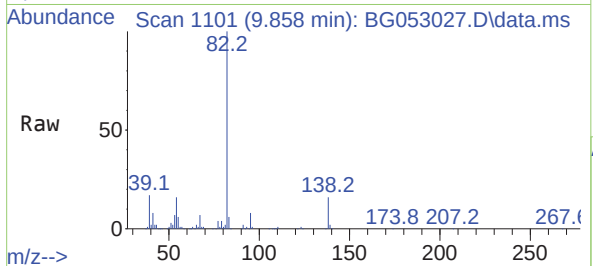
PB143839BS

Tgt Ion: 82 Resp: 210190
Ion Ratio Lower Upper
82 100
95 8.0 5.8 8.6
138 15.6 12.6 18.8

Manual Integrations

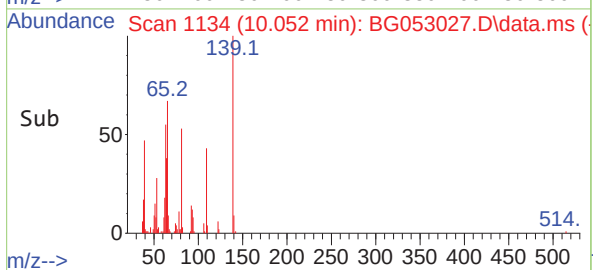
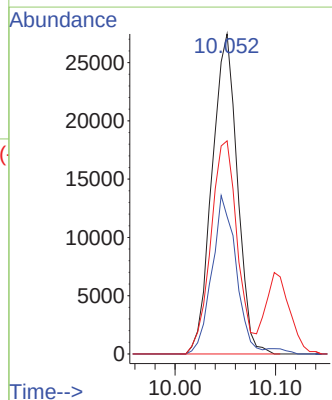
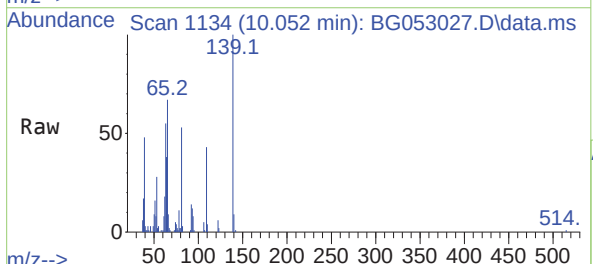
APPROVED

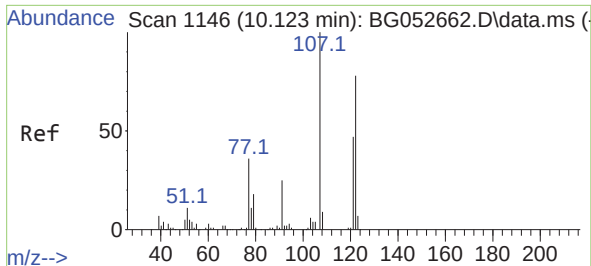
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#26
2-Nitrophenol
Concen: 56.184 ng
RT: 10.052 min Scan# 1134
Delta R.T. 0.006 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

Tgt Ion:139 Resp: 47995
Ion Ratio Lower Upper
139 100
109 43.0 29.4 44.0
65 66.6 48.2 72.2





#27
2,4-Dimethylphenol
Concen: 47.974 ng
RT: 10.105 min Scan# 1143
Delta R.T. -0.000 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

Instrument :

BNA_G

ClientSampleId :

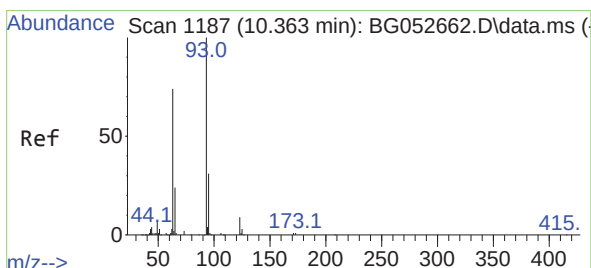
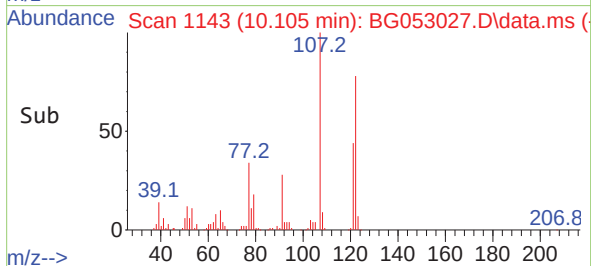
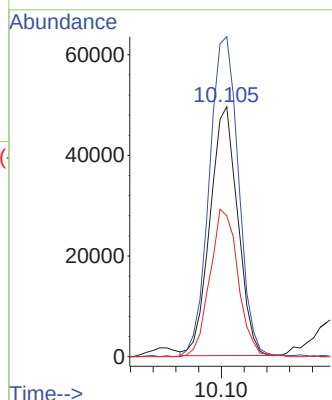
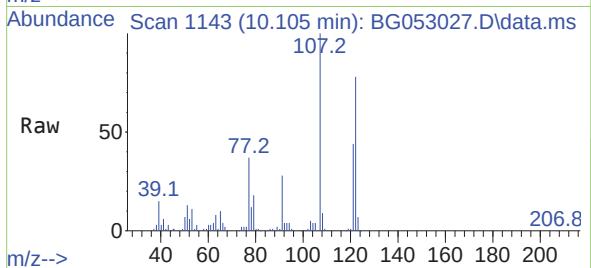
PB143839BS

Tgt Ion:122 Resp: 8384
Ion Ratio Lower Upper
122 100
107 128.0 96.7 145.1
121 56.4 46.3 69.5

Manual Integrations

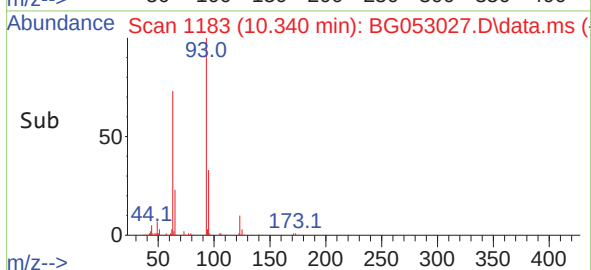
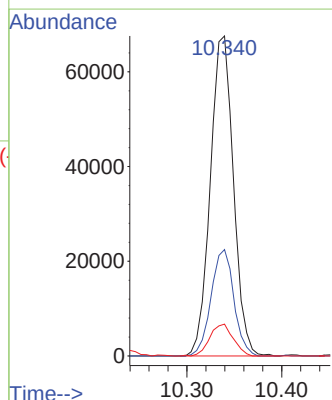
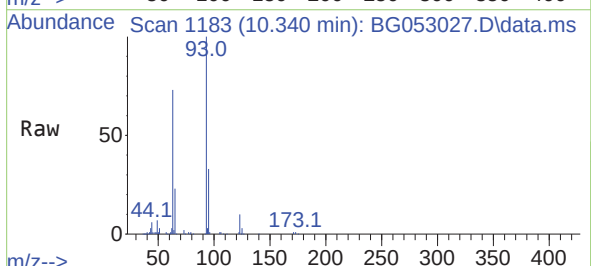
APPROVED

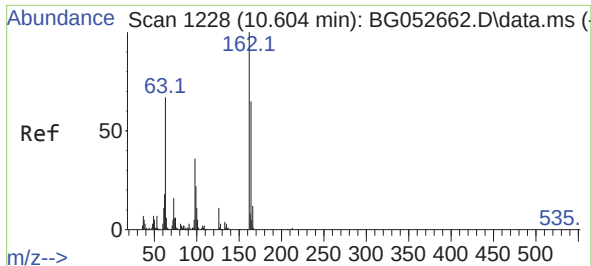
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#28
bis(2-Chloroethoxy)methane
Concen: 40.749 ng
RT: 10.340 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

Tgt Ion: 93 Resp: 114699
Ion Ratio Lower Upper
93 100
95 33.3 26.5 39.7
123 10.0 8.6 12.8





#29
2,4-Dichlorophenol
Concen: 48.702 ng
RT: 10.586 min Scan# 1225
Delta R.T. -0.000 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

Instrument :

BNA_G

ClientSampleId :

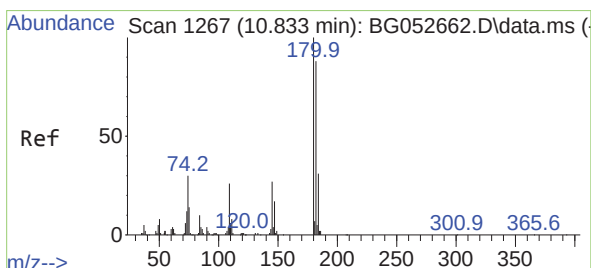
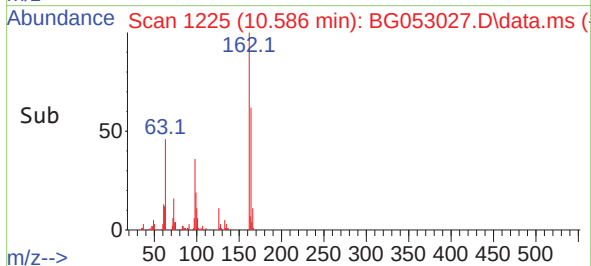
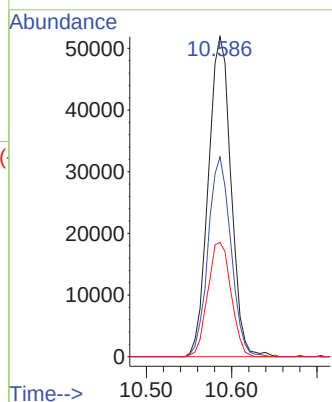
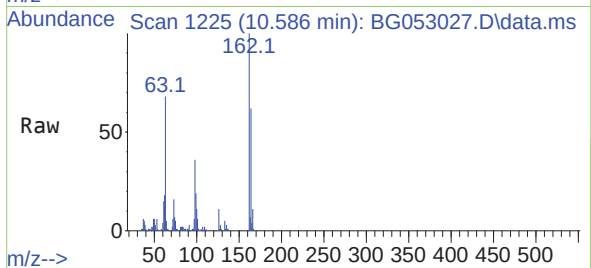
PB143839BS

Tgt Ion:162 Resp: 9577
Ion Ratio Lower Upper
162 100
164 62.4 44.0 84.0
98 35.7 17.3 57.3

Manual Integrations

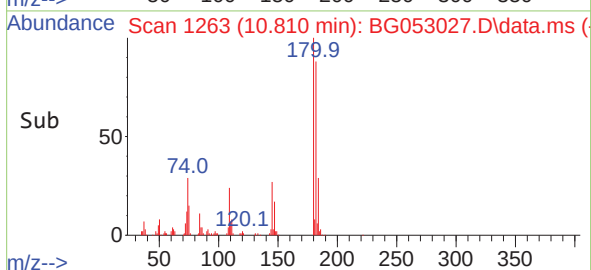
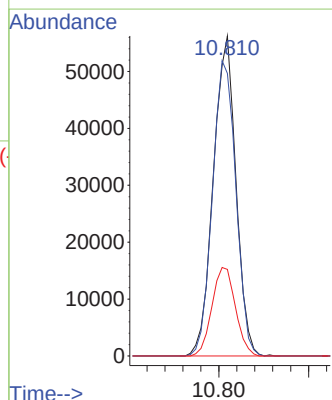
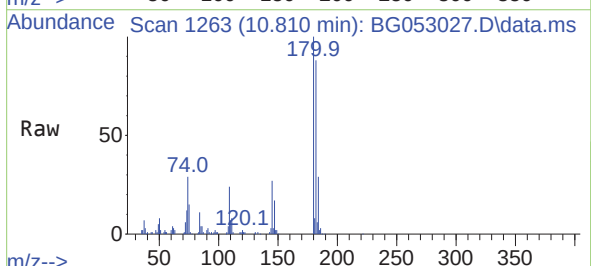
APPROVED

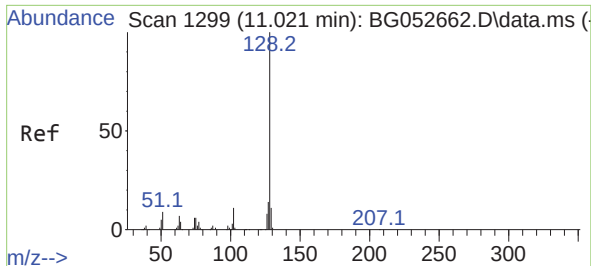
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#30
1,2,4-Trichlorobenzene
Concen: 42.337 ng
RT: 10.810 min Scan# 1263
Delta R.T. -0.000 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

Tgt Ion:180 Resp: 98215
Ion Ratio Lower Upper
180 100
182 88.3 77.8 116.6
145 27.0 24.4 36.6





#31
Naphthalene
Concen: 41.850 ng
RT: 10.998 min Scan# 1295
Delta R.T. -0.000 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

Instrument :

BNA_G

ClientSampleId :

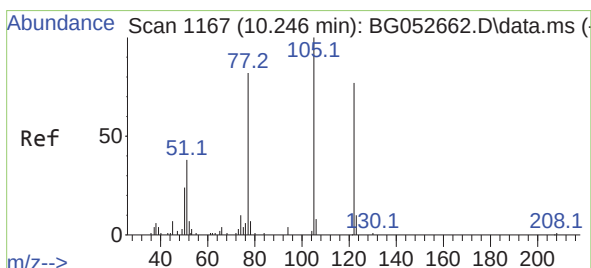
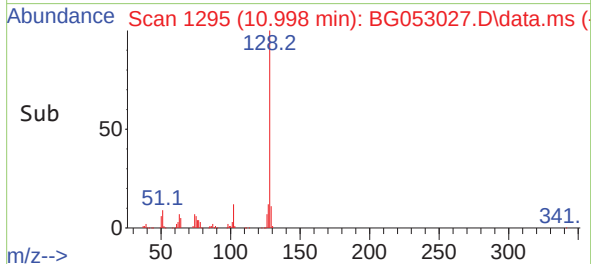
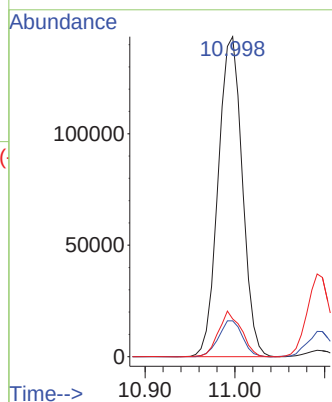
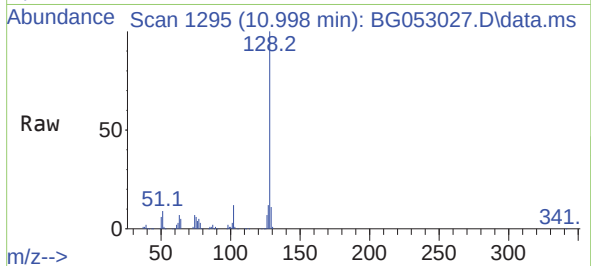
PB143839BS

Tgt Ion:128 Resp: 26704
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 11.8 10.5 15.7

Manual Integrations

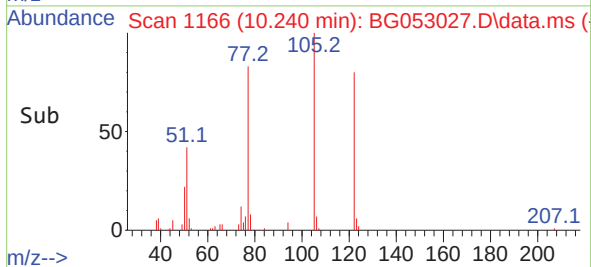
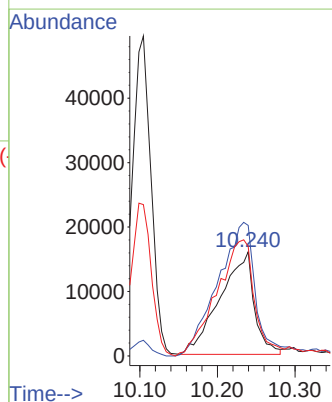
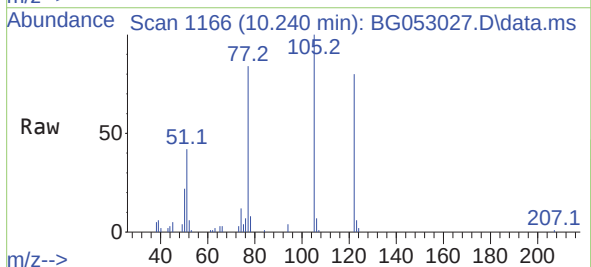
APPROVED

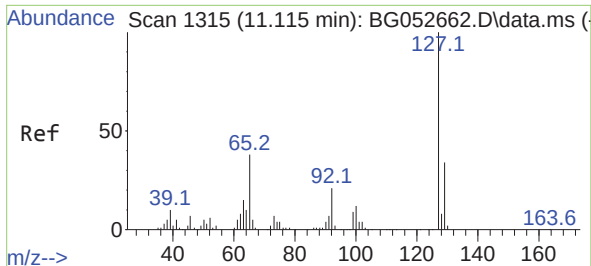
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#32
Benzoic acid
Concen: 38.966 ng
RT: 10.240 min Scan# 1166
Delta R.T. 0.012 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

Tgt Ion:122 Resp: 48998
Ion Ratio Lower Upper
122 100
105 125.4 112.8 152.8
77 105.2 78.4 118.4





#33
4-Chloroaniline
Concen: 25.134 ng
RT: 11.092 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

Instrument :

BNA_G

ClientSampleId :

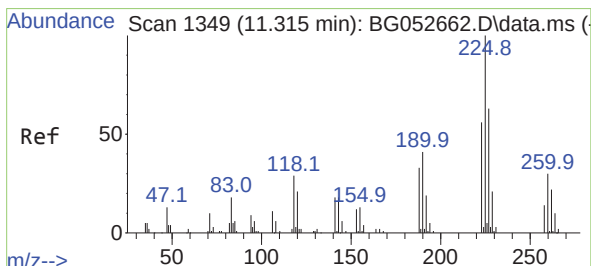
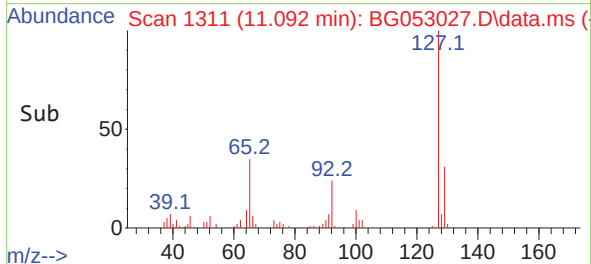
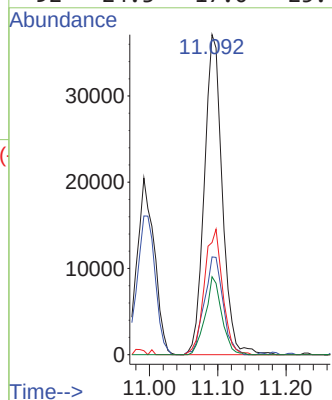
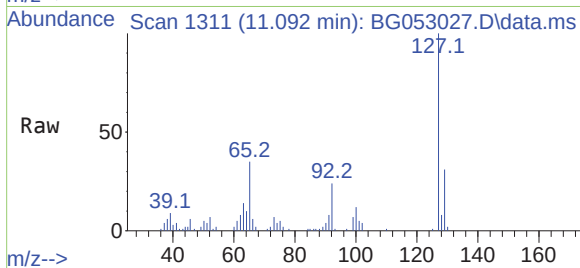
PB143839BS

Tgt Ion:127 Resp: 6797
Ion Ratio Lower Upper
127 100
129 30.6 27.6 41.4
65 35.1 28.2 42.4
92 24.3 17.0 25.4

Manual Integrations

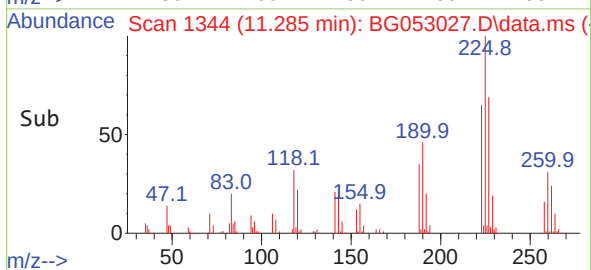
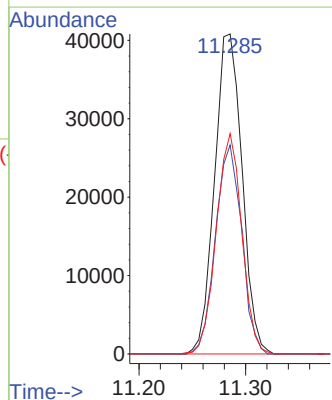
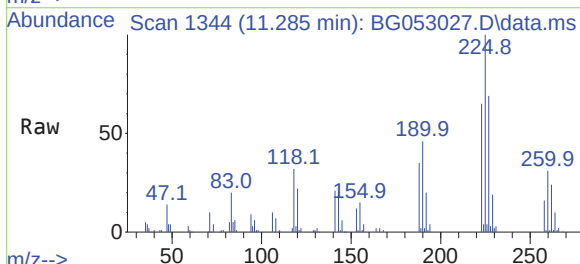
APPROVED

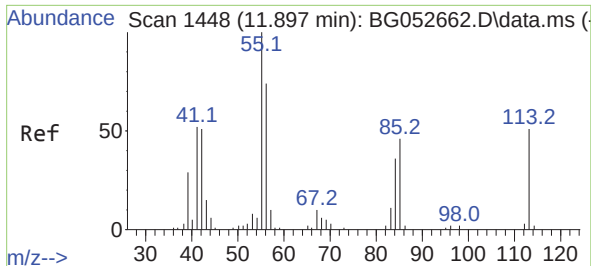
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#34
Hexachlorobutadiene
Concen: 43.888 ng
RT: 11.285 min Scan# 1344
Delta R.T. -0.000 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

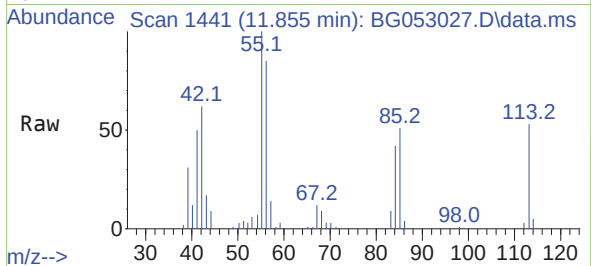
Tgt Ion:225 Resp: 72998
Ion Ratio Lower Upper
225 100
223 65.3 50.2 75.2
227 68.8 52.0 78.0





#35
Caprolactam
Concen: 56.560 ng m
RT: 11.855 min Scan# 14
Delta R.T. -0.006 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

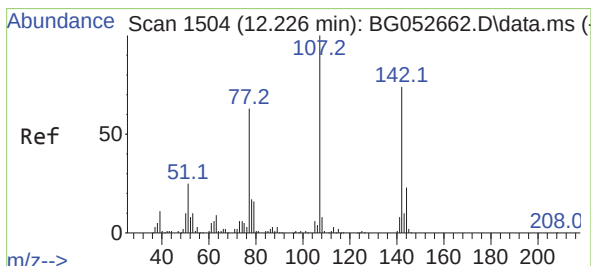
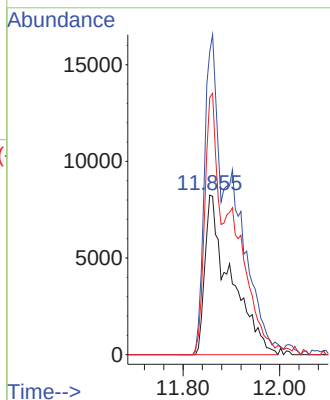
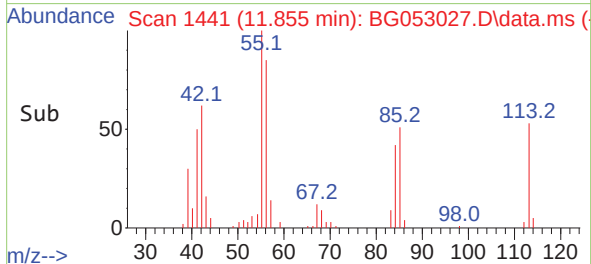
Instrument :
BNA_G
ClientSampleId :
PB143839BS



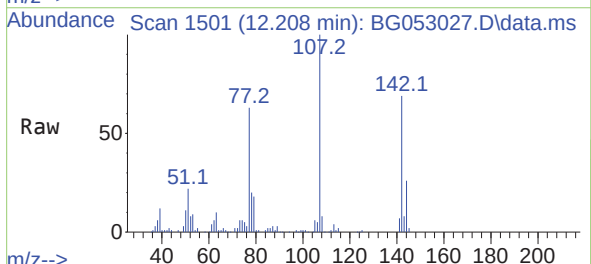
Tgt Ion:113 Resp: 3037
Ion Ratio Lower Upper
113 100
55 189.7 151.3 191.3
56 161.2 128.5 168.5

Manual Integrations
APPROVED

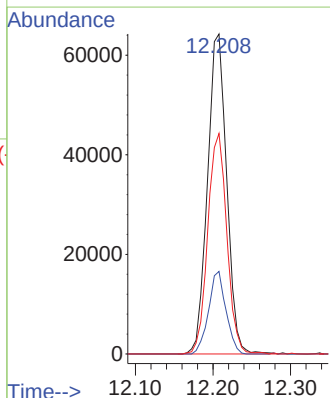
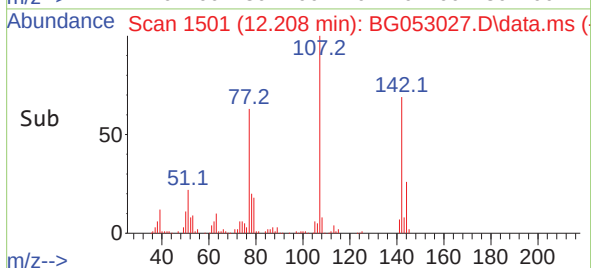
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022

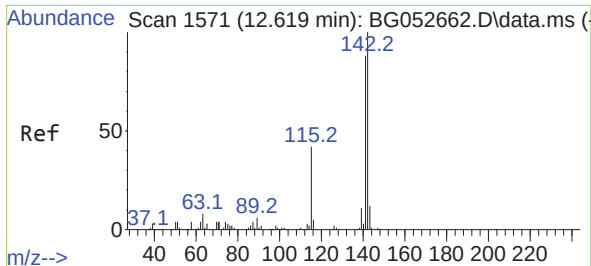


#36
4-Chloro-3-methylphenol
Concen: 48.408 ng
RT: 12.208 min Scan# 1501
Delta R.T. -0.000 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52



Tgt Ion:107 Resp: 110543
Ion Ratio Lower Upper
107 100
144 25.8 21.4 32.0
142 68.9 61.7 92.5





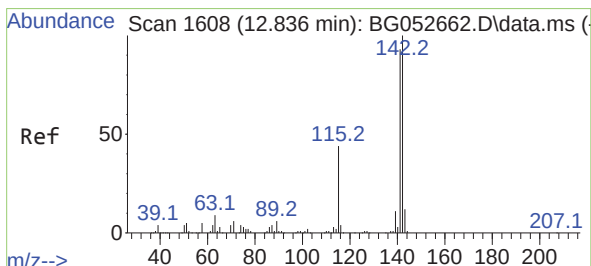
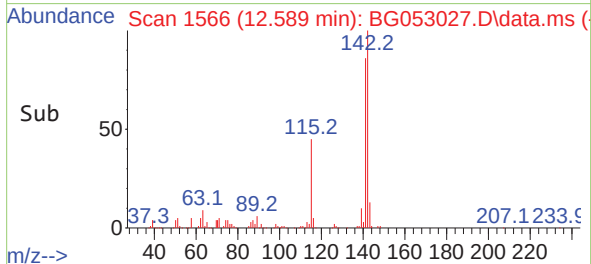
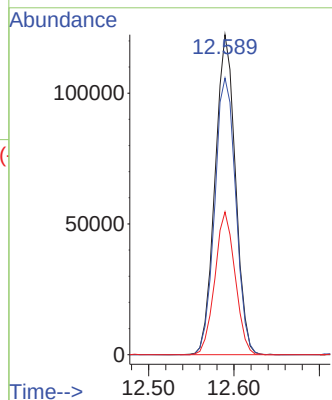
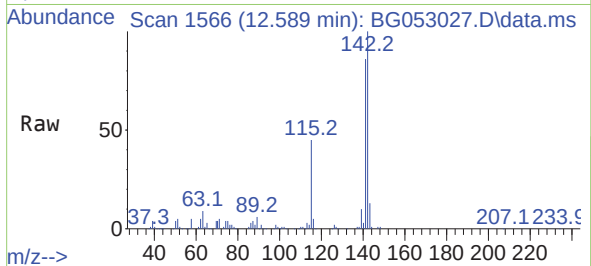
#37
2-Methylnaphthalene
Concen: 43.349 ng
RT: 12.589 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

Instrument :
BNA_G
ClientSampleId :
PB143839BS

Tgt Ion:142 Resp: 202560
Ion Ratio Lower Upper
142 100
141 86.5 71.3 106.9
115 44.6 29.5 44.3

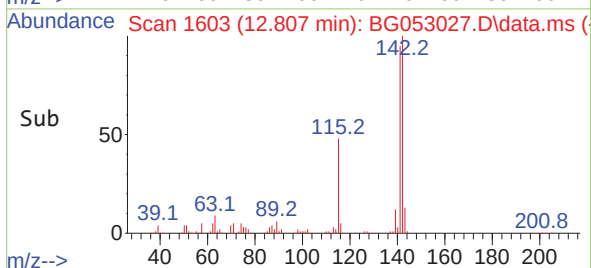
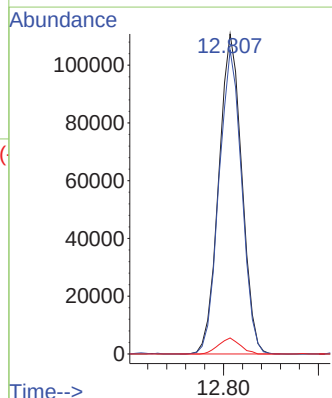
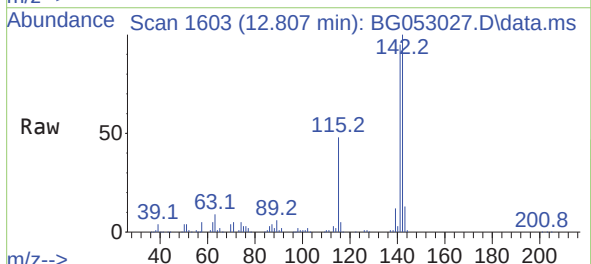
Manual Integrations
APPROVED

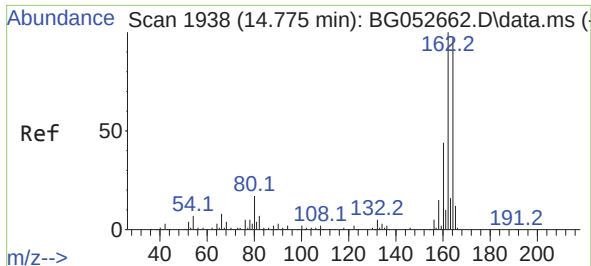
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#38
1-Methylnaphthalene
Concen: 41.025 ng
RT: 12.807 min Scan# 1603
Delta R.T. -0.000 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

Tgt Ion:142 Resp: 187099
Ion Ratio Lower Upper
142 100
141 94.9 70.5 105.7
116 5.0 3.1 4.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.751 min Scan# 1628
Delta R.T. -0.000 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

Instrument :

BNA_G

ClientSampleId :

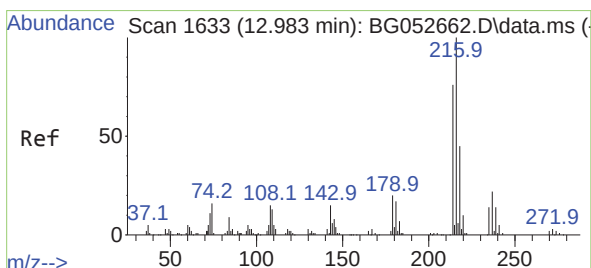
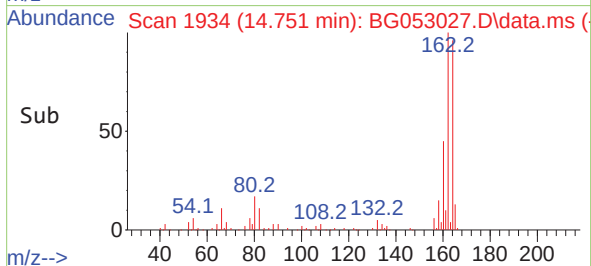
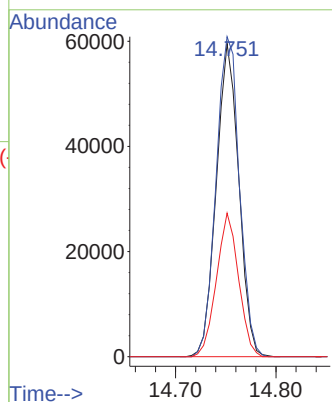
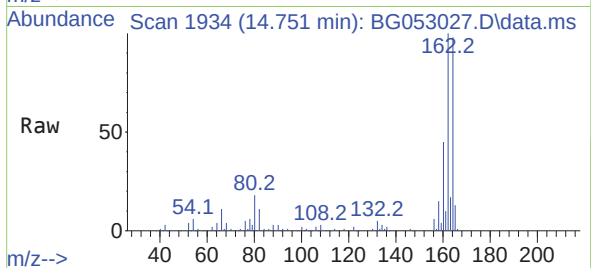
PB143839BS

Tgt Ion:164 Resp: 9253
Ion Ratio Lower Upper
164 100
162 102.2 80.0 120.0
160 45.8 38.8 58.2

Manual Integrations

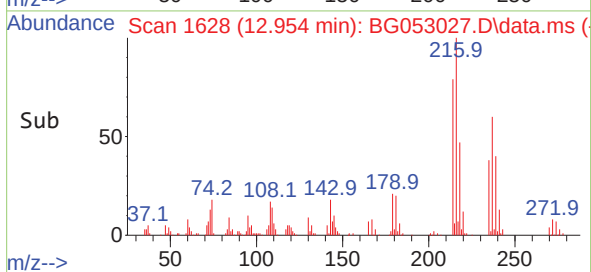
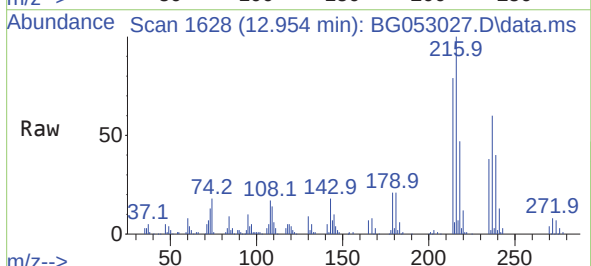
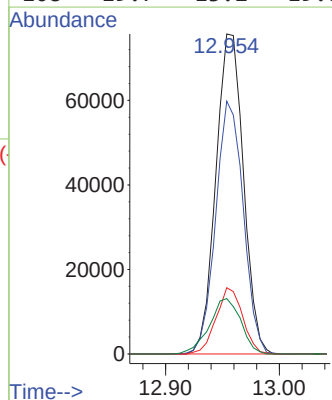
APPROVED

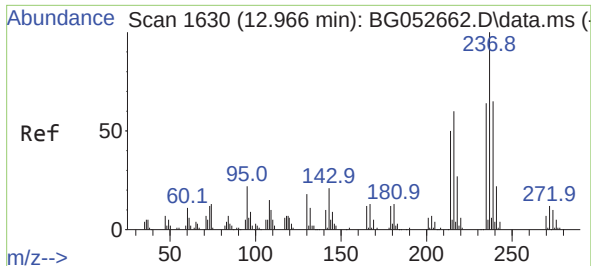
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.199 ng
RT: 12.954 min Scan# 1628
Delta R.T. -0.006 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

Tgt Ion:216 Resp: 127773
Ion Ratio Lower Upper
216 100
214 78.9 63.8 95.6
179 19.9 15.7 23.5
108 19.7 13.2 19.8





#41
Hexachlorocyclopentadiene
Concen: 98.966 ng
RT: 12.942 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

Instrument :

BNA_G

ClientSampleId :

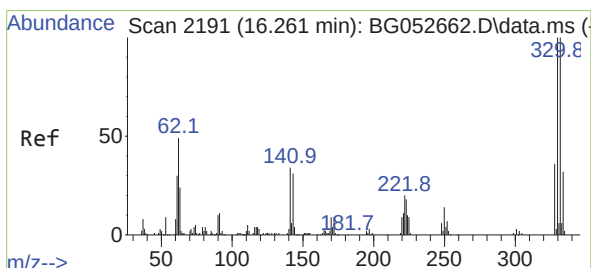
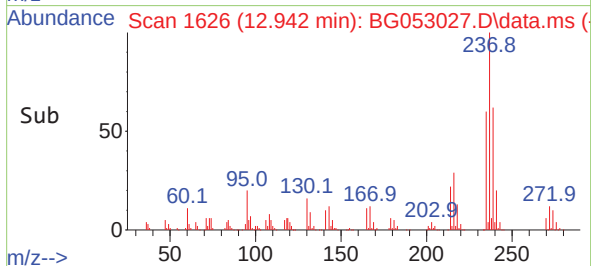
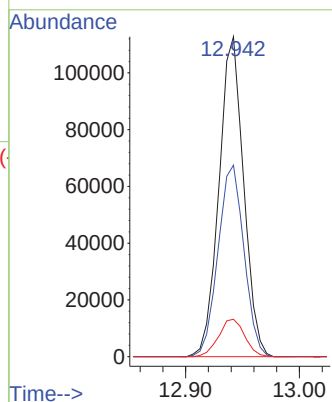
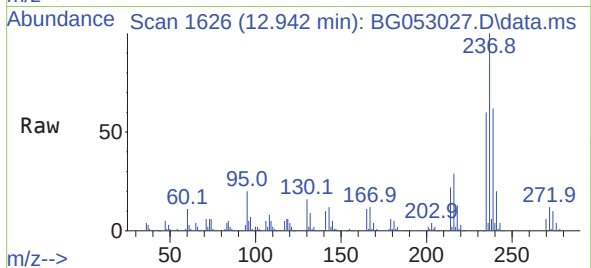
PB143839BS

Tgt Ion:237 Resp: 169584
Ion Ratio Lower Upper
237 100
235 59.9 37.7 77.7
272 11.7 0.0 30.7

Manual Integrations

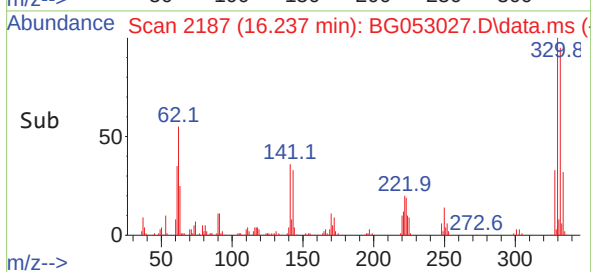
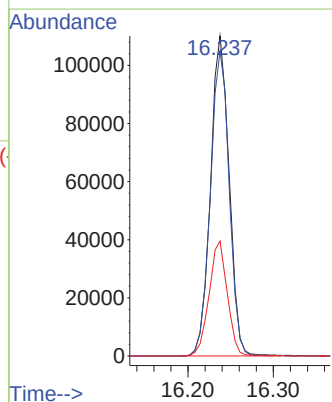
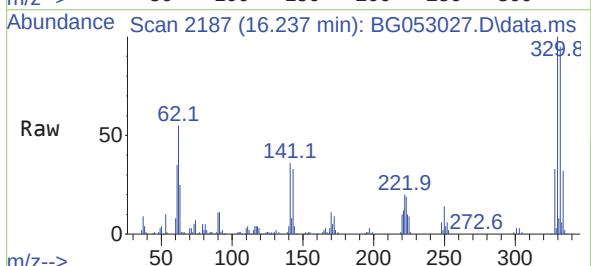
APPROVED

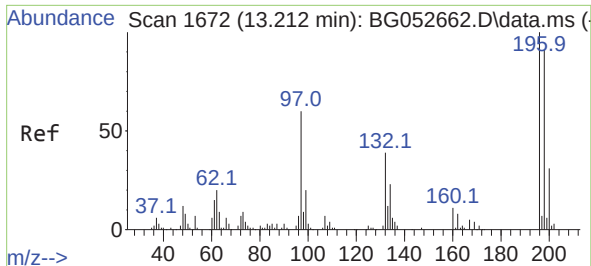
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#42
2,4,6-Tribromophenol
Concen: 134.006 ng
RT: 16.237 min Scan# 2187
Delta R.T. -0.000 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

Tgt Ion:330 Resp: 166619
Ion Ratio Lower Upper
330 100
332 96.2 75.8 113.6
141 35.3 24.6 36.8





#43
2,4,6-Trichlorophenol
Concen: 47.381 ng
RT: 13.189 min Scan# 1668
Delta R.T. -0.000 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

Instrument :

BNA_G

ClientSampleId :

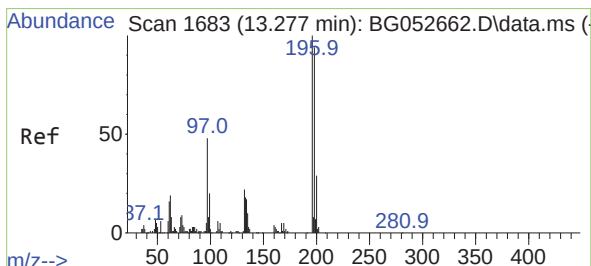
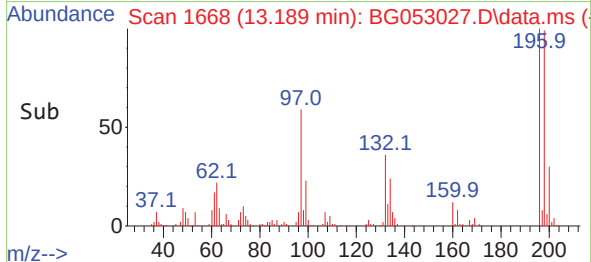
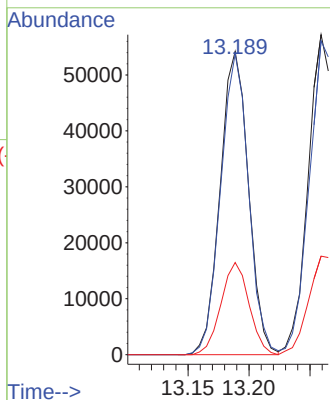
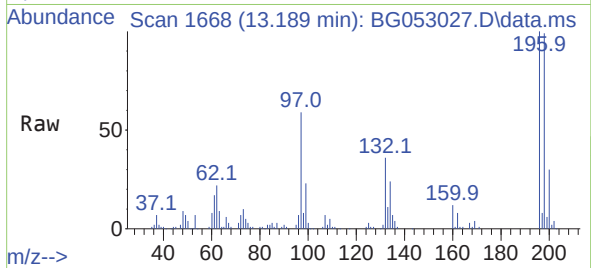
PB143839BS

Tgt Ion:196 Resp: 87710
Ion Ratio Lower Upper
196 100
198 99.2 78.8 118.2
200 30.4 25.1 37.7

Manual Integrations

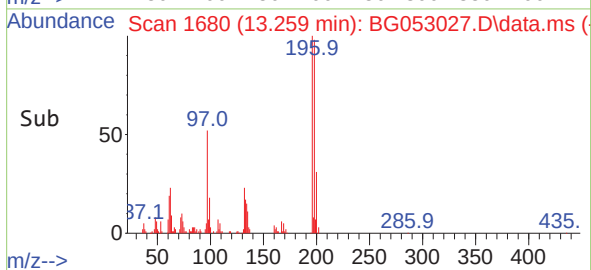
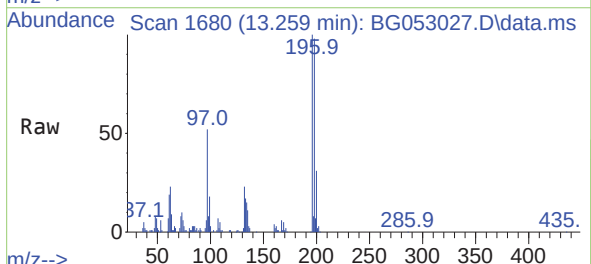
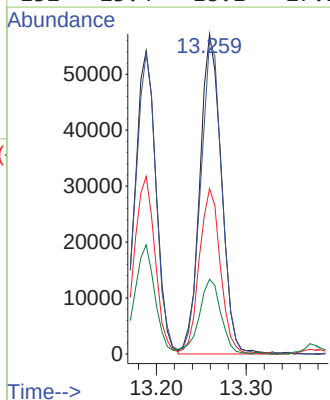
APPROVED

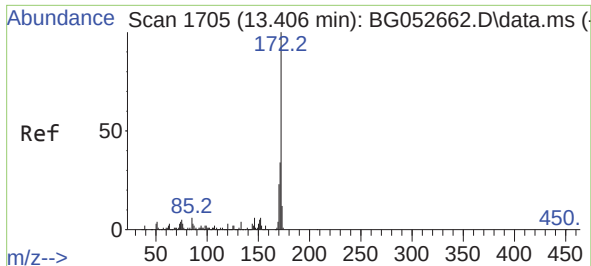
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#44
2,4,5-Trichlorophenol
Concen: 50.707 ng
RT: 13.259 min Scan# 1680
Delta R.T. -0.000 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

Tgt Ion:196 Resp: 95282
Ion Ratio Lower Upper
196 100
198 98.1 75.8 113.6
97 51.7 36.5 54.7
132 23.4 18.1 27.1





#45
2-Fluorobiphenyl
Concen: 79.697 ng
RT: 13.377 min Scan# 1736
Delta R.T. -0.000 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

Instrument :

BNA_G

ClientSampleId :

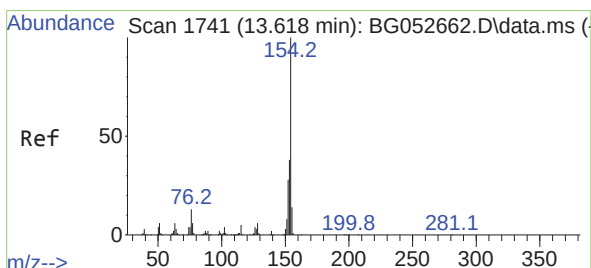
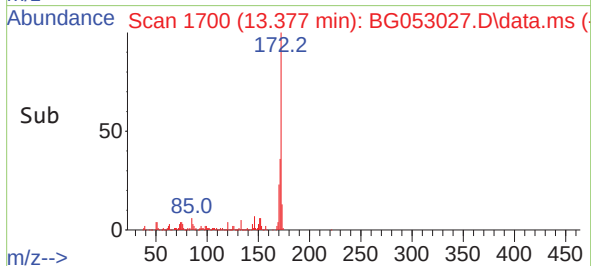
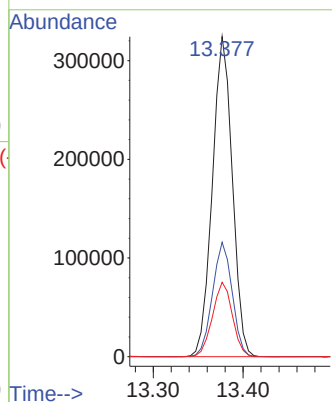
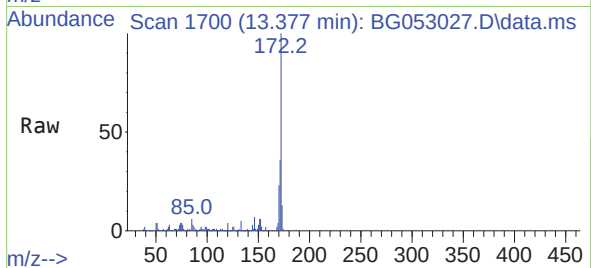
PB143839BS

Tgt Ion:172 Resp: 500012
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 23.3 18.0 27.0

Manual Integrations

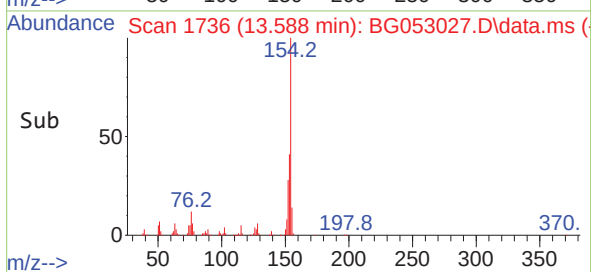
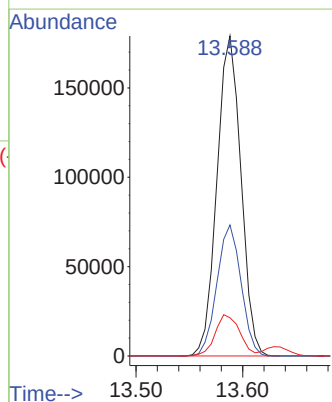
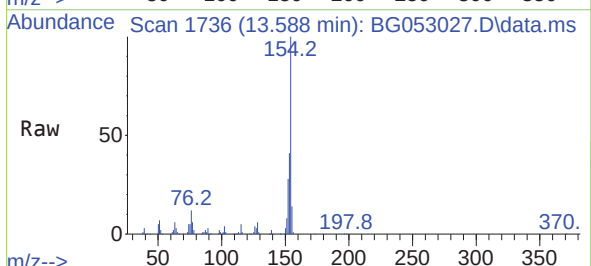
APPROVED

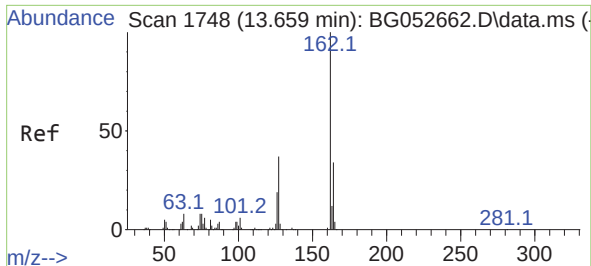
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#46
1,1'-Biphenyl
Concen: 43.184 ng
RT: 13.588 min Scan# 1736
Delta R.T. -0.000 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

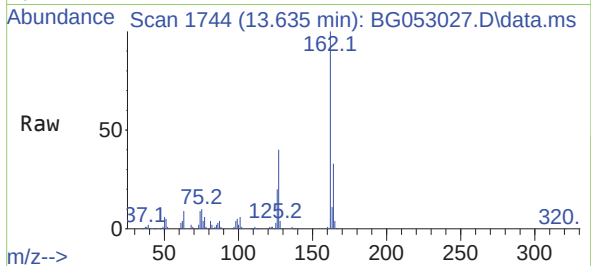
Tgt Ion:154 Resp: 279442
Ion Ratio Lower Upper
154 100
153 41.0 21.6 61.6
76 11.9 0.0 31.5





#47
2-Chloronaphthalene
Concen: 41.481 ng
RT: 13.635 min Scan# 1744
Delta R.T. -0.000 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

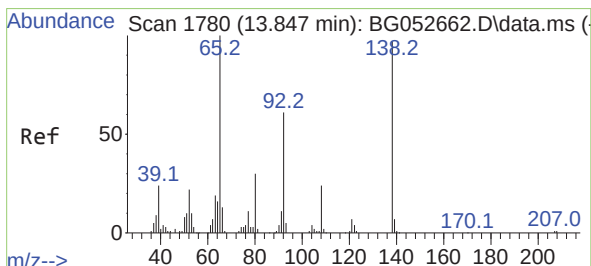
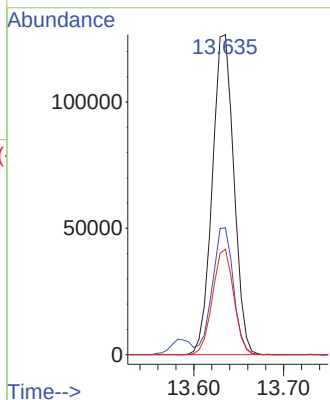
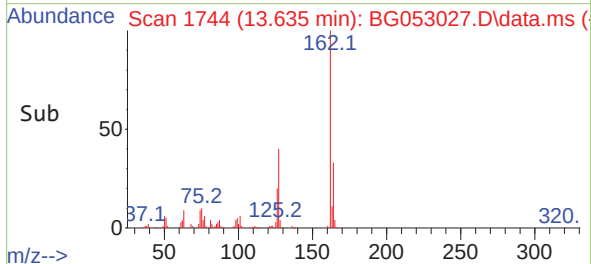
Instrument :
BNA_G
ClientSampleId :
PB143839BS



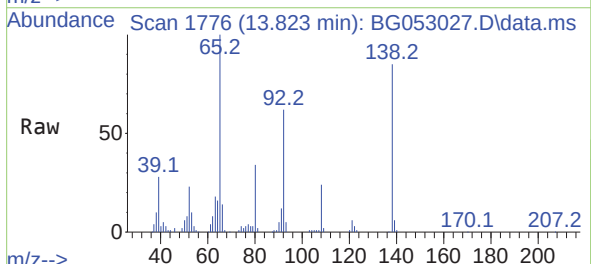
Tgt Ion:162 Resp: 211392
Ion Ratio Lower Upper
162 100
127 39.7 28.1 42.1
164 33.0 26.0 39.0

Manual Integrations
APPROVED

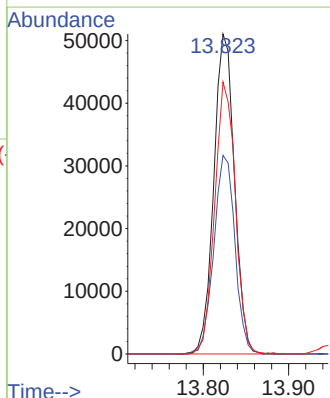
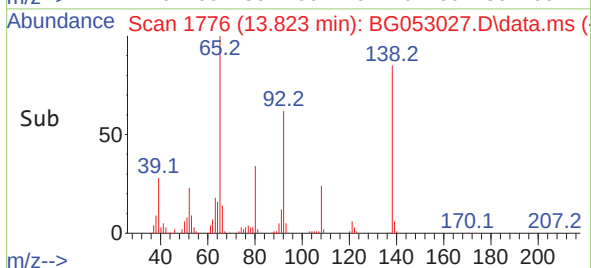
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022

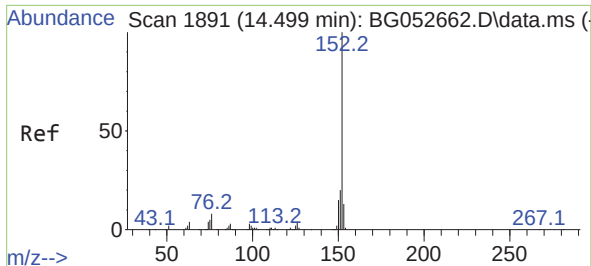


#48
2-Nitroaniline
Concen: 61.622 ng
RT: 13.823 min Scan# 1776
Delta R.T. -0.000 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52



Tgt Ion: 65 Resp: 85883
Ion Ratio Lower Upper
65 100
92 62.0 52.1 78.1
138 85.0 80.1 120.1





#49
Acenaphthylene
Concen: 42.961 ng
RT: 14.475 min Scan# 1887
Delta R.T. -0.000 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

Instrument :

BNA_G

ClientSampleId :

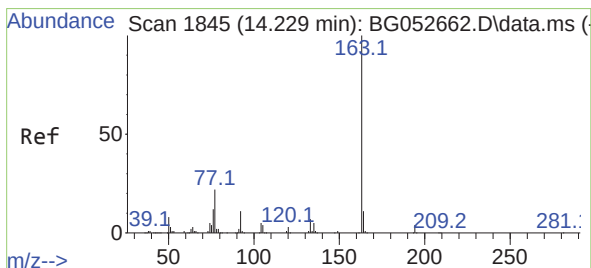
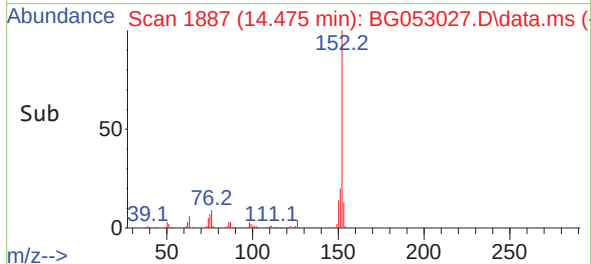
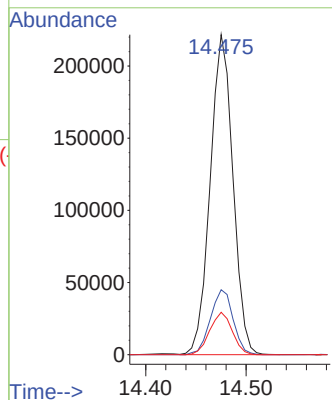
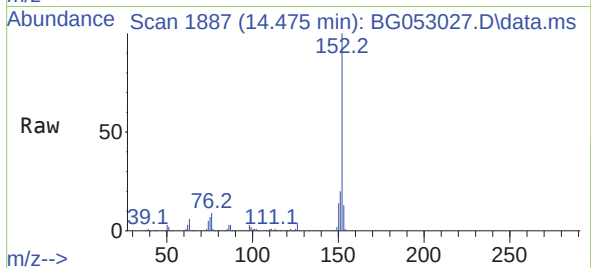
PB143839BS

Tgt Ion:152 Resp: 34899
Ion Ratio Lower Upper
152 100
151 20.3 15.8 23.6
153 13.2 10.6 15.8

Manual Integrations

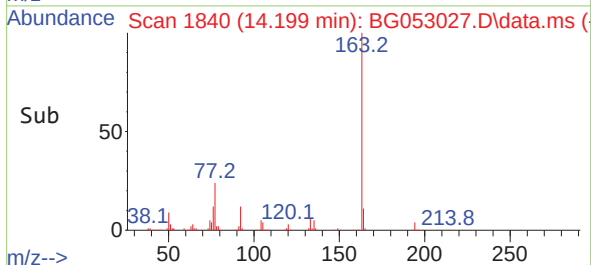
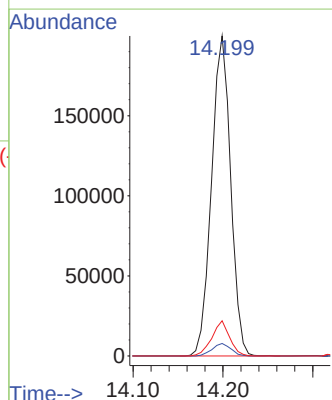
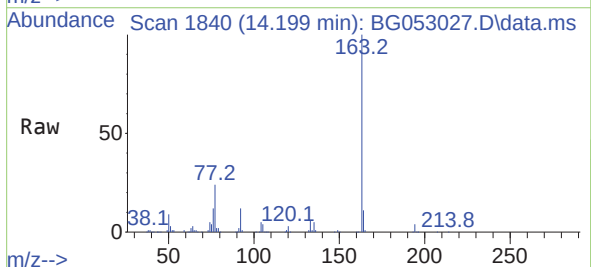
APPROVED

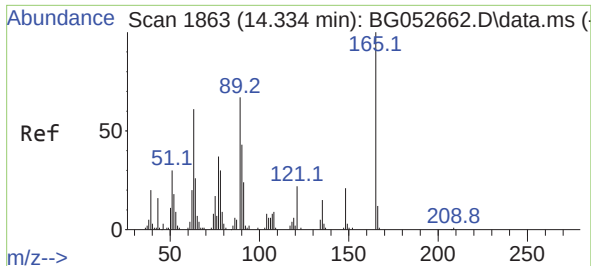
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#50
Dimethylphthalate
Concen: 42.930 ng
RT: 14.199 min Scan# 1840
Delta R.T. -0.000 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

Tgt Ion:163 Resp: 295229
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 11.0 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 54.922 ng
RT: 14.317 min Scan# 1860
Delta R.T. -0.000 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

Instrument :

BNA_G

ClientSampleId :

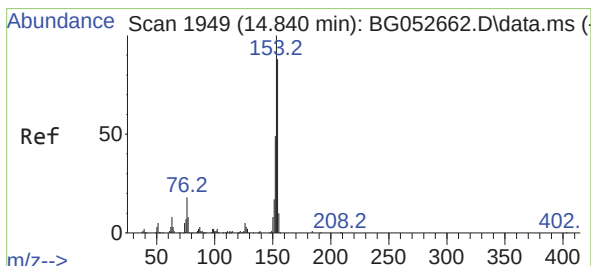
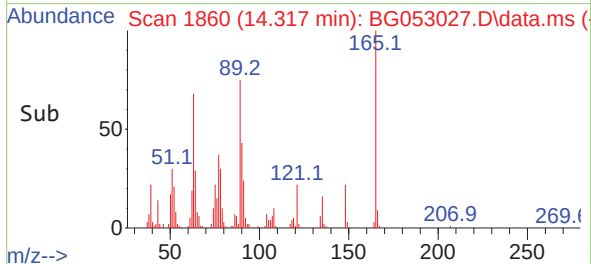
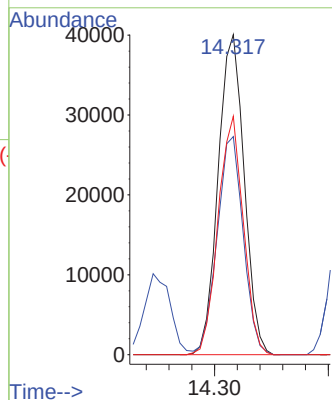
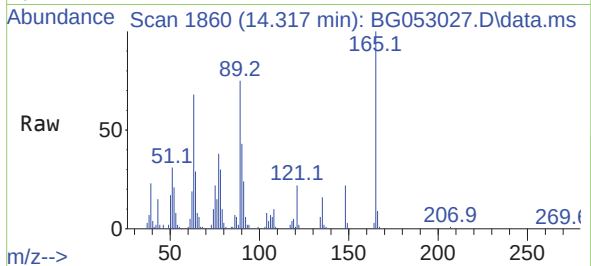
PB143839BS

Tgt Ion:165 Resp: 63769
Ion Ratio Lower Upper
165 100
63 68.1 43.7 65.5
89 74.5 45.0 67.4

Manual Integrations

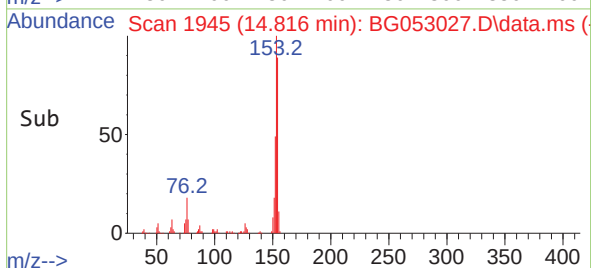
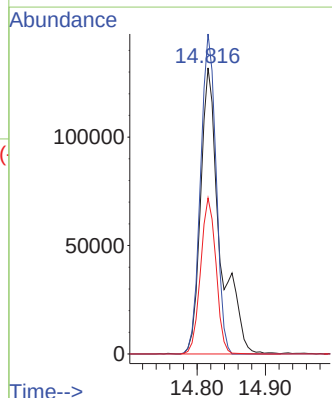
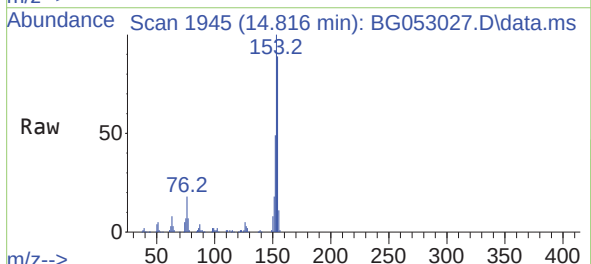
APPROVED

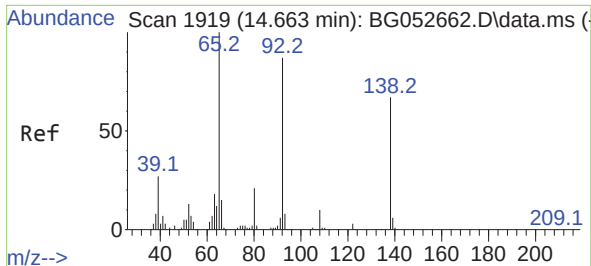
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#52
Acenaphthene
Concen: 50.108 ng
RT: 14.816 min Scan# 1945
Delta R.T. -0.000 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

Tgt Ion:154 Resp: 260778
Ion Ratio Lower Upper
154 100
153 111.8 89.0 133.4
152 54.5 40.5 60.7





#53
3-Nitroaniline
Concen: 33.197 ng
RT: 14.646 min Scan# 1916
Delta R.T. -0.000 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

Instrument :

BNA_G

ClientSampleId :

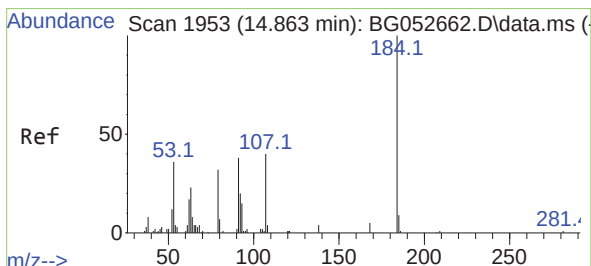
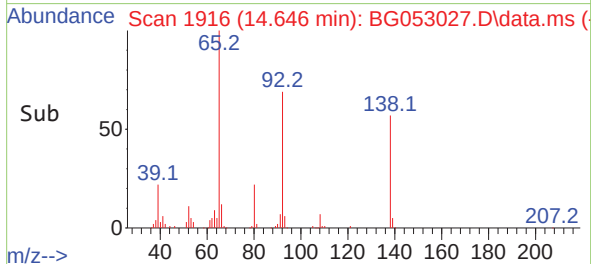
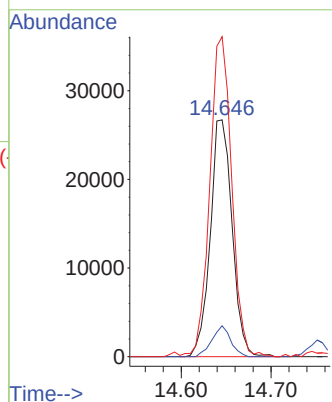
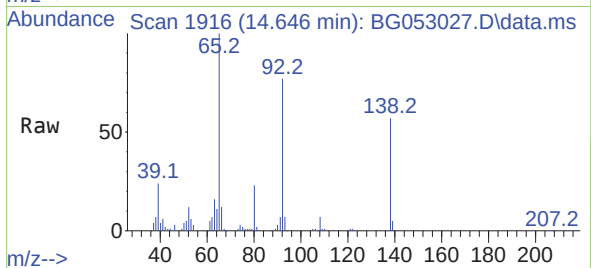
PB143839BS

Tgt Ion:138 Resp: 4510
Ion Ratio Lower Upper
138 100
108 13.1 8.0 12.0
92 135.1 96.2 144.2

Manual Integrations

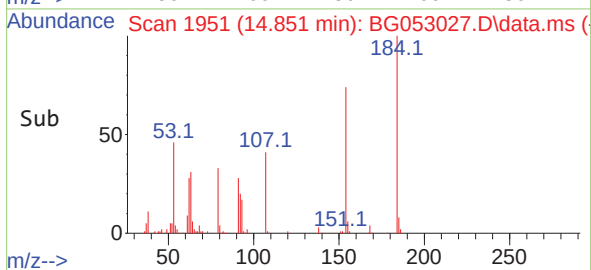
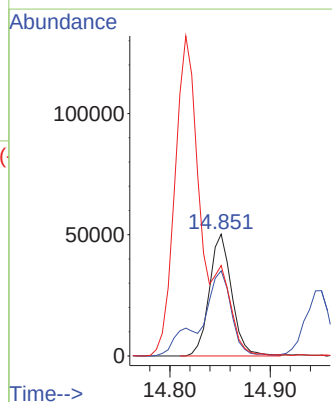
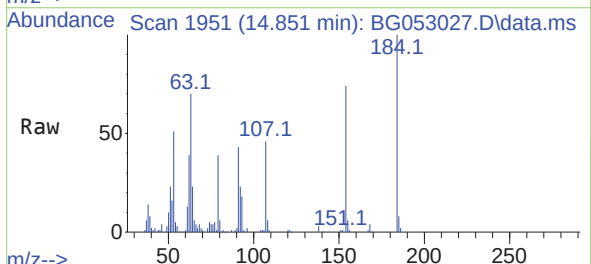
APPROVED

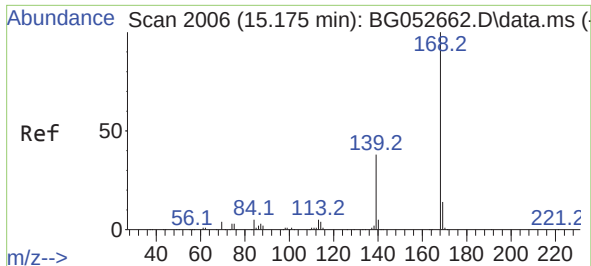
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#54
2,4-Dinitrophenol
Concen: 123.011 ng
RT: 14.851 min Scan# 1951
Delta R.T. -0.000 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

Tgt Ion:184 Resp: 77854
Ion Ratio Lower Upper
184 100
63 69.9 51.8 77.6
154 74.3 47.8 71.6#





#55
Dibenzenofuran
Concen: 40.797 ng
RT: 15.151 min Scan# 2006
Delta R.T. -0.000 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

Instrument :

BNA_G

ClientSampleId :

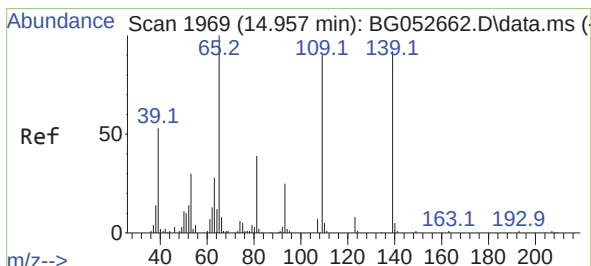
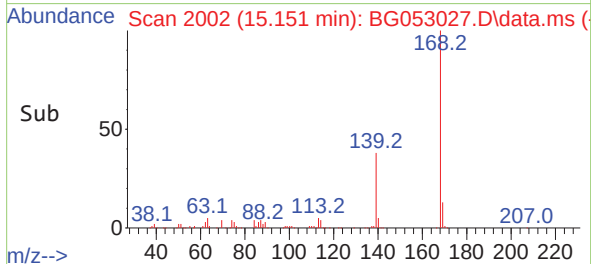
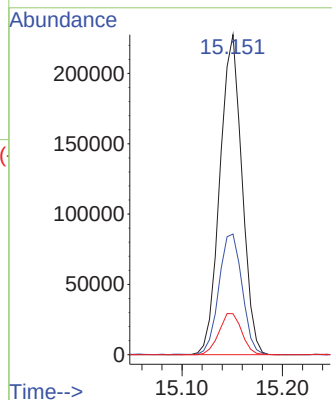
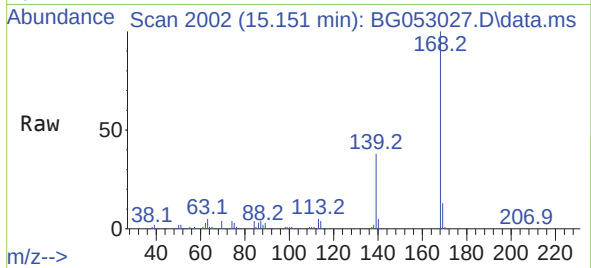
PB143839BS

Tgt Ion:168 Resp: 346724
Ion Ratio Lower Upper
168 100
139 37.7 30.2 45.4
169 12.8 10.7 16.1

Manual Integrations

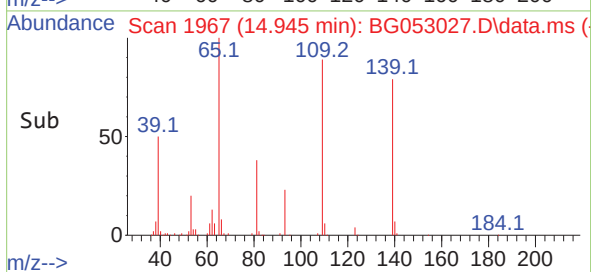
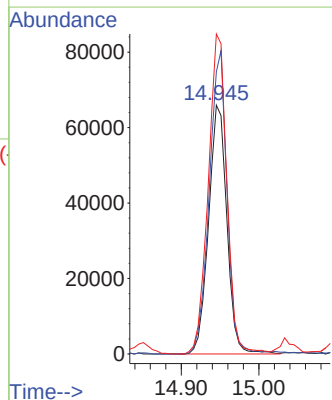
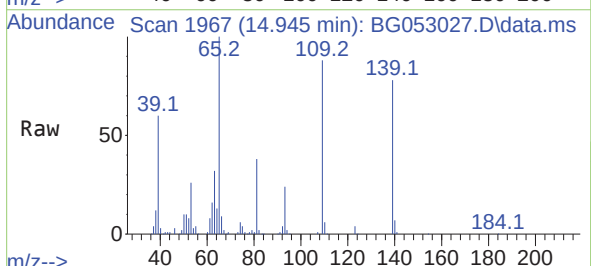
APPROVED

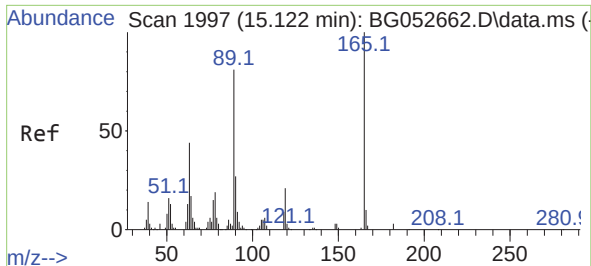
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#56
4-Nitrophenol
Concen: 97.631 ng
RT: 14.945 min Scan# 1967
Delta R.T. 0.006 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

Tgt Ion:139 Resp: 108203
Ion Ratio Lower Upper
139 100
109 113.5 67.1 107.1#
65 128.6 88.2 128.2#





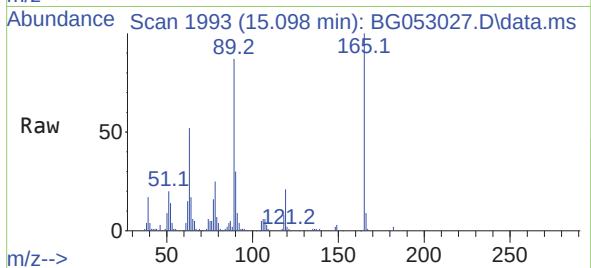
#57
2,4-Dinitrotoluene
Concen: 57.863 ng
RT: 15.098 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

Instrument :

BNA_G

ClientSampleId :

PB143839BS

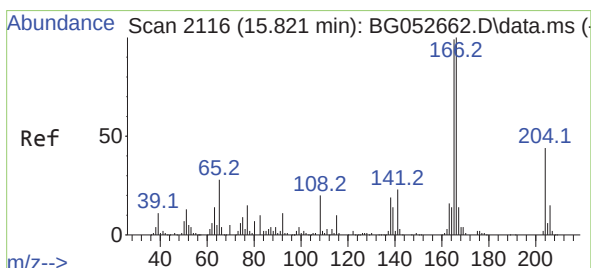
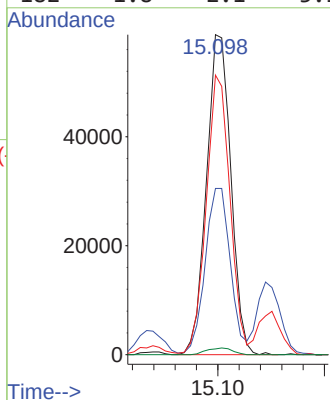
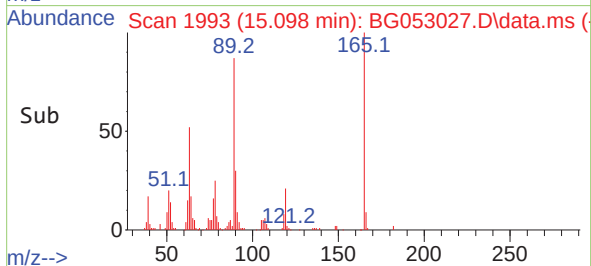


Tgt Ion:165 Resp: 93218
Ion Ratio Lower Upper
165 100
63 52.0 34.8 52.2
89 87.3 57.4 86.0
182 1.8 2.1 3.1#

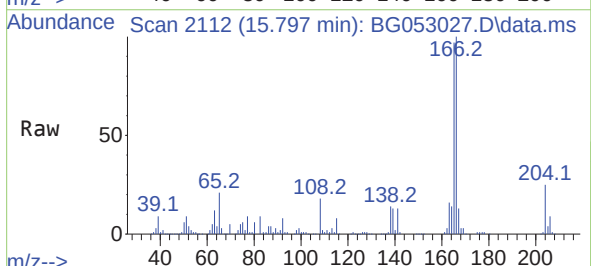
Manual Integrations

APPROVED

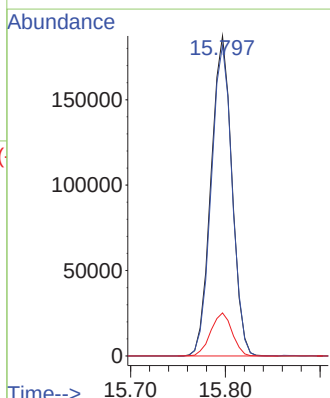
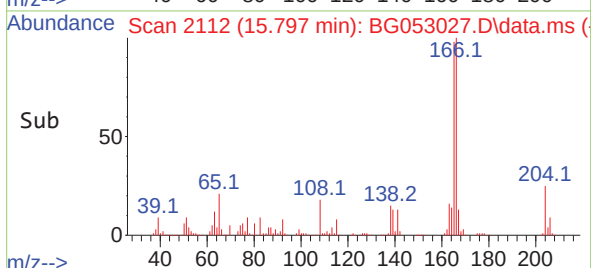
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022

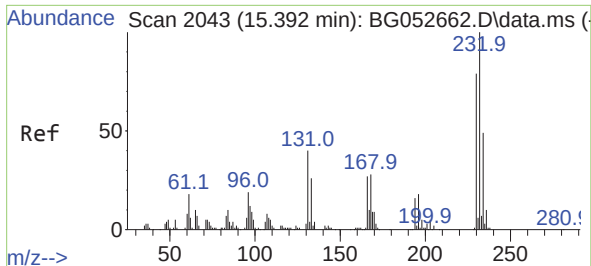


#58
Fluorene
Concen: 41.382 ng
RT: 15.797 min Scan# 2112
Delta R.T. -0.000 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52



Tgt Ion:166 Resp: 286685
Ion Ratio Lower Upper
166 100
165 97.1 78.6 117.8
167 13.4 10.9 16.3





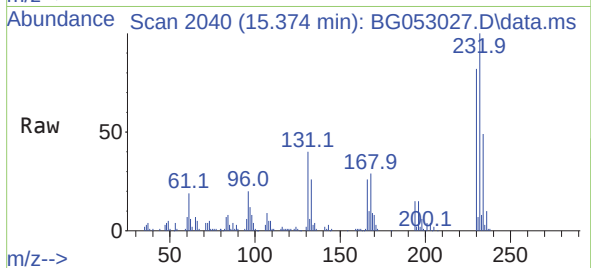
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.851 ng
RT: 15.374 min Scan# 2040
Delta R.T. -0.000 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

Instrument :

BNA_G

ClientSampleId :

PB143839BS

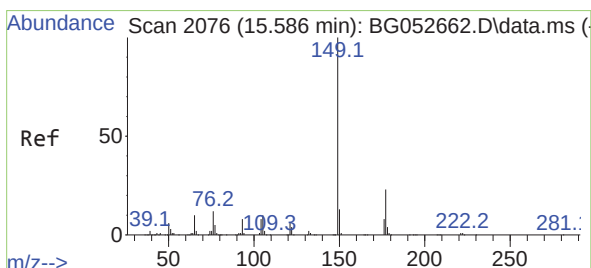
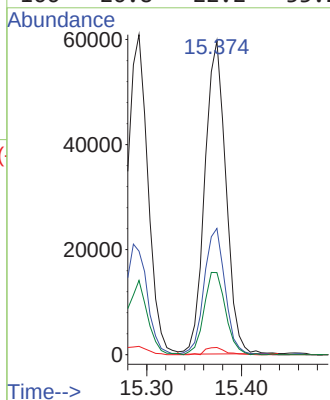
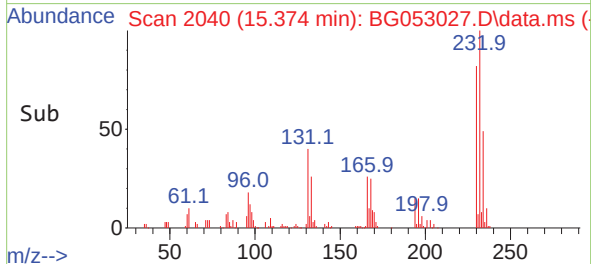


Tgt Ion:232 Resp: 9209
Ion Ratio Lower Upper
232 100
131 40.3 30.1 45.1
130 2.2 1.8 2.8
166 26.8 22.2 33.2

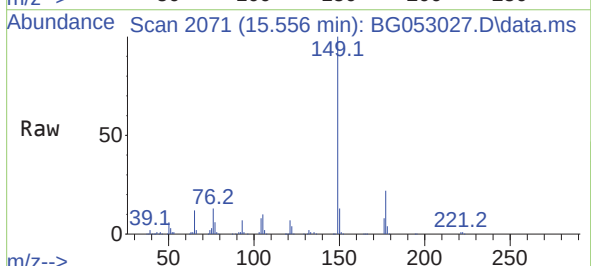
Manual Integrations

APPROVED

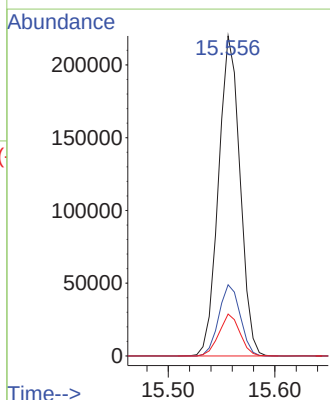
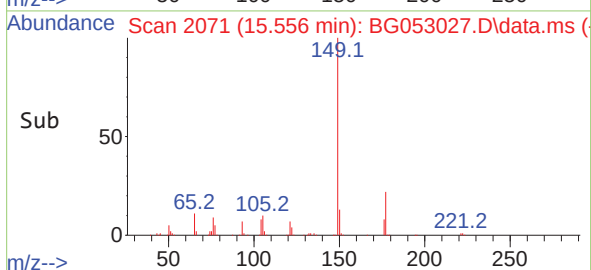
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022

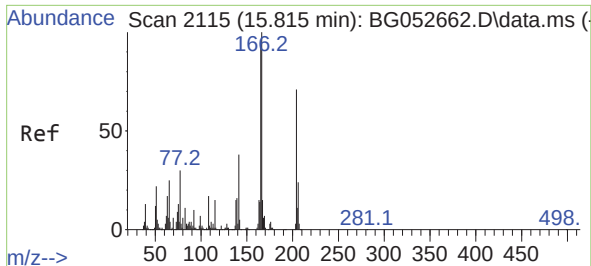


#60
Diethylphthalate
Concen: 42.374 ng
RT: 15.556 min Scan# 2071
Delta R.T. -0.000 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52



Tgt Ion:149 Resp: 307601
Ion Ratio Lower Upper
149 100
177 22.2 18.2 27.2
150 13.1 9.9 14.9





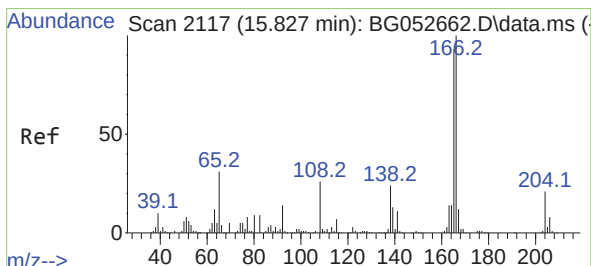
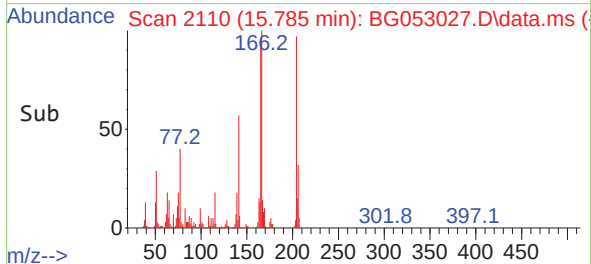
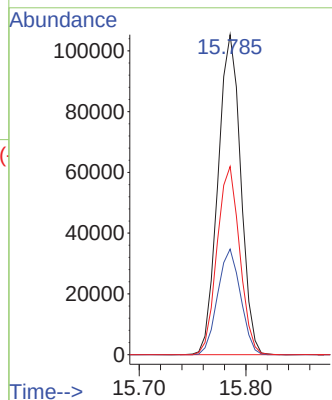
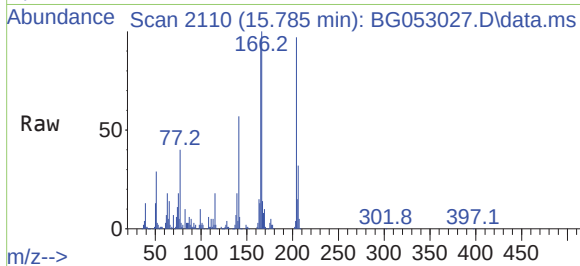
#61
4-Chlorophenyl-phenylether
Concen: 40.789 ng
RT: 15.785 min Scan# 2110
Delta R.T. -0.000 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

Instrument :
BNA_G
ClientSampleId :
PB143839BS

Tgt Ion:204 Resp: 15584
Ion Ratio Lower Upper
204 100
206 33.0 28.3 42.5
141 58.8 45.8 68.8

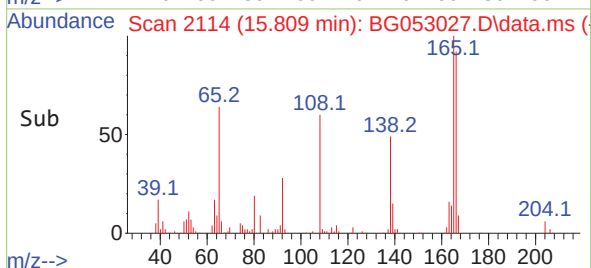
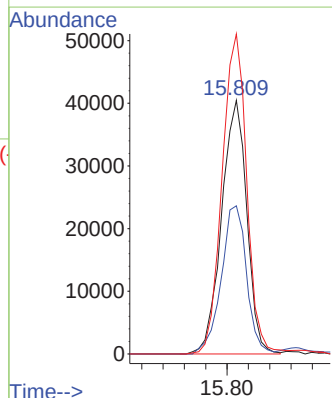
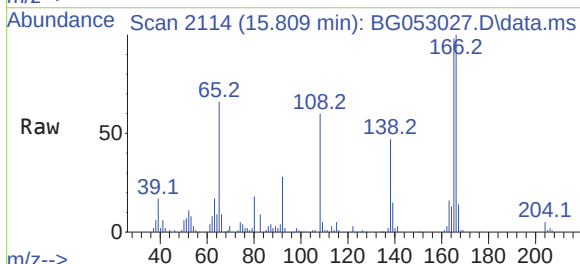
Manual Integrations
APPROVED

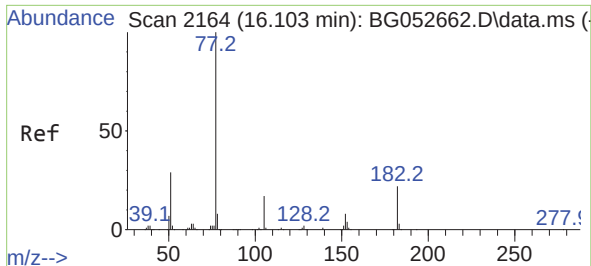
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#62
4-Nitroaniline
Concen: 46.247 ng
RT: 15.809 min Scan# 2114
Delta R.T. -0.000 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

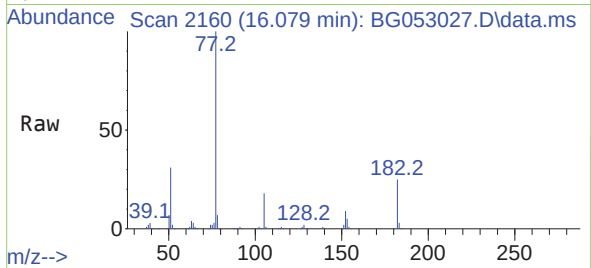
Tgt Ion:138 Resp: 66394
Ion Ratio Lower Upper
138 100
92 58.4 33.3 73.3
108 126.2 74.2 114.2#





#63
Azobenzene
Concen: 41.189 ng
RT: 16.079 min Scan# 2160
Delta R.T. -0.000 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

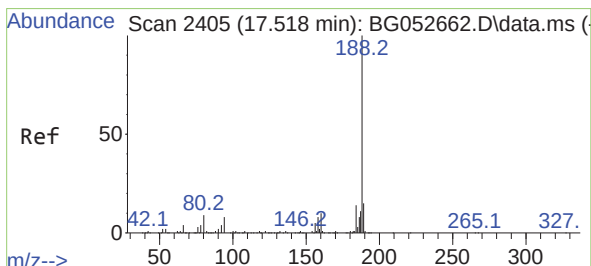
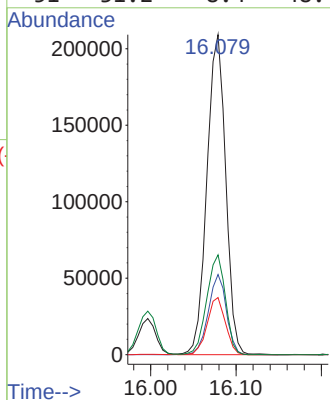
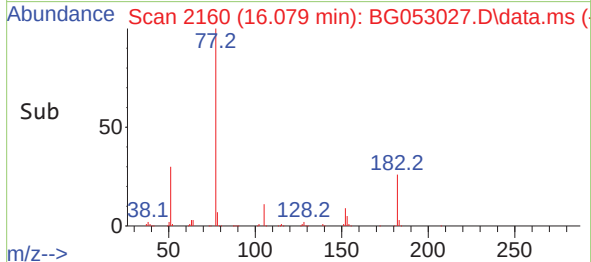
Instrument :
BNA_G
ClientSampleId :
PB143839BS



Tgt Ion: 77 Resp: 319578
Ion Ratio Lower Upper
77 100
182 25.1 5.6 45.6
105 17.8 0.0 38.8
51 31.2 8.4 48.4

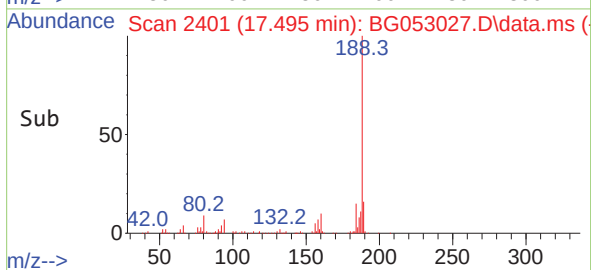
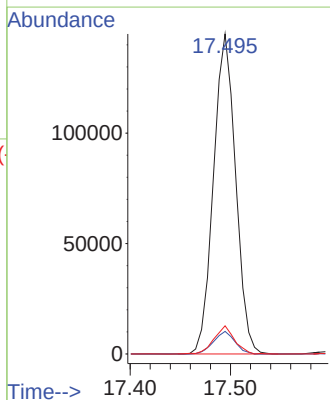
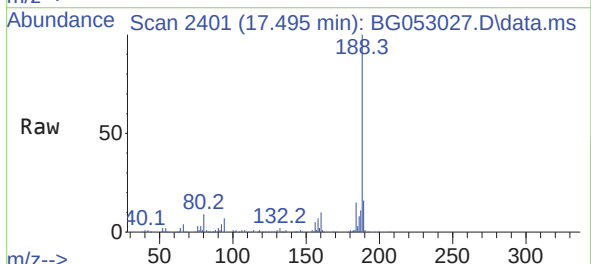
Manual Integrations
APPROVED

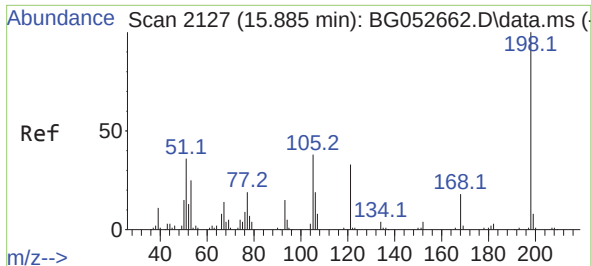
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.495 min Scan# 2401
Delta R.T. -0.000 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

Tgt Ion:188 Resp: 221777
Ion Ratio Lower Upper
188 100
94 7.1 5.7 8.5
80 8.8 7.2 10.8





#65
4,6-Dinitro-2-methylphenol
Concen: 58.102 ng
RT: 15.867 min Scan# 2114
Delta R.T. -0.000 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

Instrument :

BNA_G

ClientSampleId :

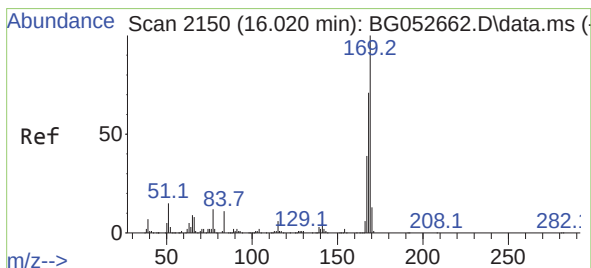
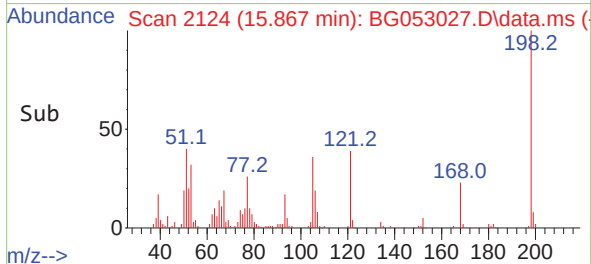
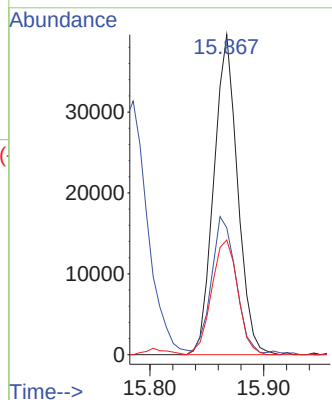
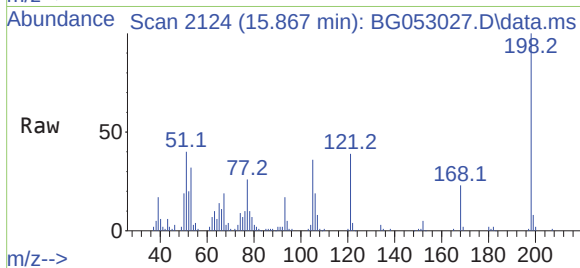
PB143839BS

Tgt Ion:198 Resp: 5744
Ion Ratio Lower Upper
198 100
51 39.7 21.7 61.7
105 35.8 20.8 60.8

Manual Integrations

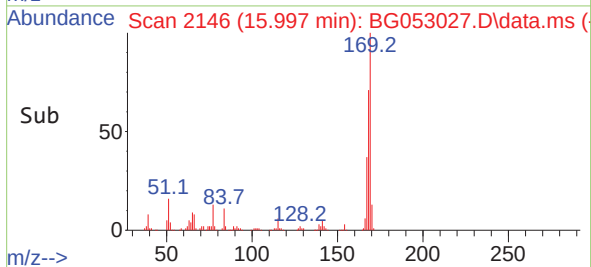
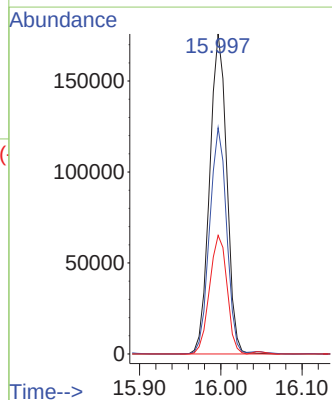
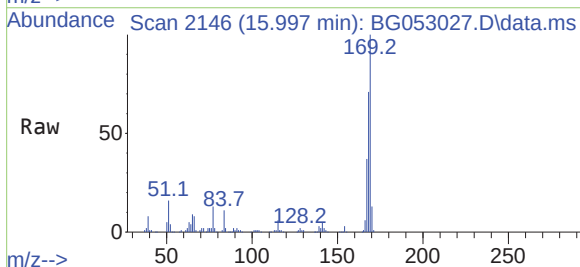
APPROVED

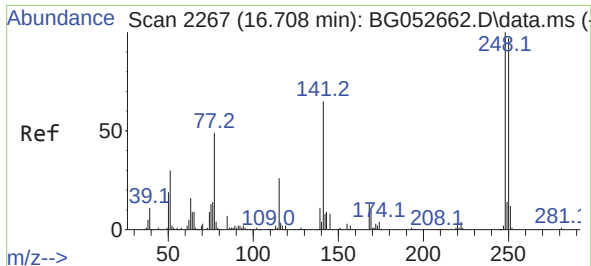
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#66
n-Nitrosodiphenylamine
Concen: 41.327 ng
RT: 15.997 min Scan# 2146
Delta R.T. -0.000 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

Tgt Ion:169 Resp: 258036
Ion Ratio Lower Upper
169 100
168 70.7 54.5 81.7
167 37.0 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 42.314 ng
RT: 16.678 min Scan# 211
Delta R.T. -0.000 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

Instrument :

BNA_G

ClientSampleId :

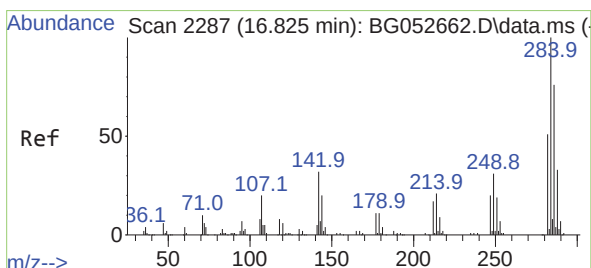
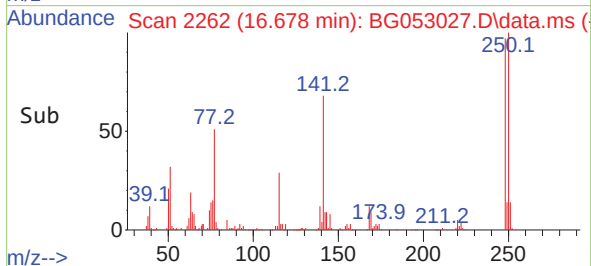
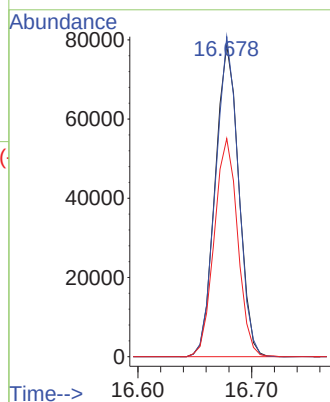
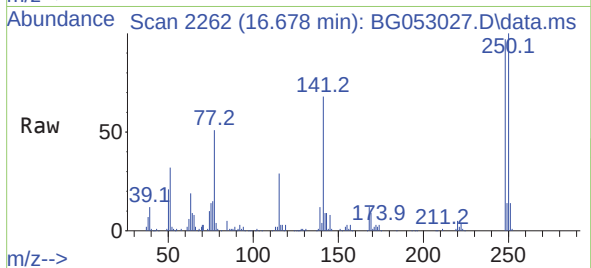
PB143839BS

Tgt Ion:248 Resp: 113140
Ion Ratio Lower Upper
248 100
250 102.7 77.9 116.9
141 70.0 49.2 73.8

Manual Integrations

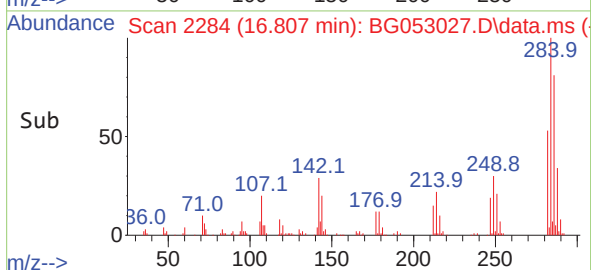
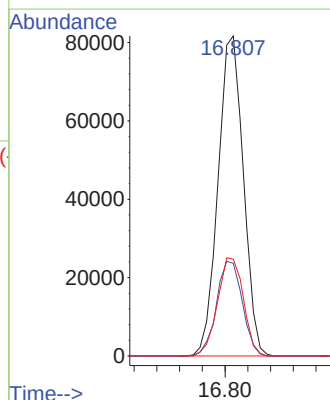
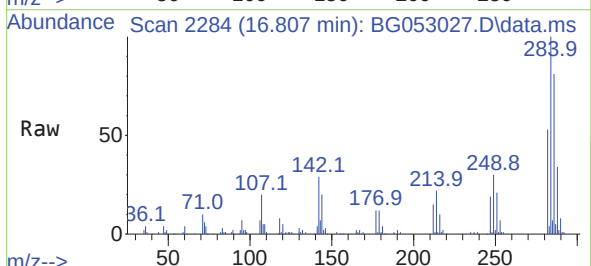
APPROVED

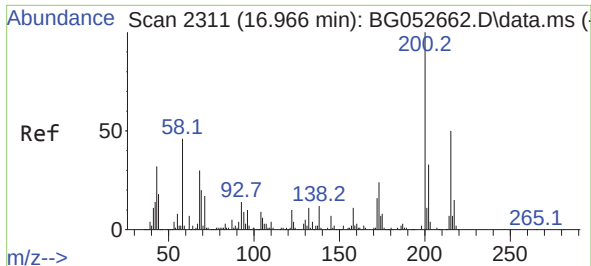
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#68
Hexachlorobenzene
Concen: 43.891 ng
RT: 16.807 min Scan# 2284
Delta R.T. 0.006 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

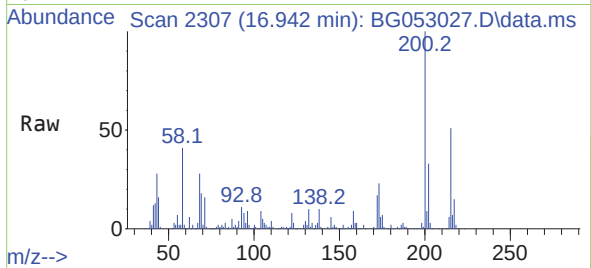
Tgt Ion:284 Resp: 126141
Ion Ratio Lower Upper
284 100
142 29.0 21.0 31.4
249 30.2 22.7 34.1





#69
Atrazine
Concen: 49.146 ng
RT: 16.942 min Scan# 211
Delta R.T. 0.006 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

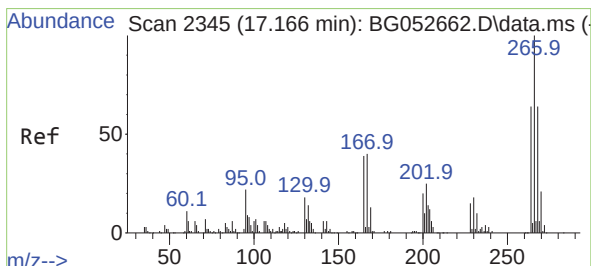
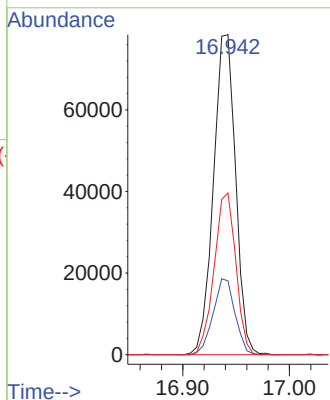
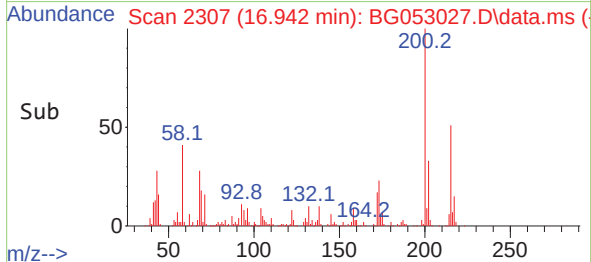
Instrument :
BNA_G
ClientSampleId :
PB143839BS



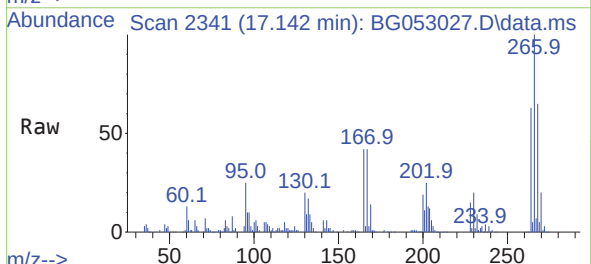
Tgt Ion:200 Resp: 11314
Ion Ratio Lower Upper
200 100
173 23.1 3.8 43.8
215 50.6 26.3 66.3

Manual Integrations
APPROVED

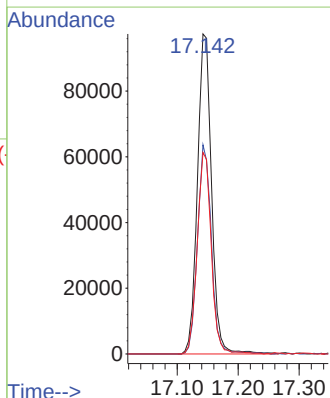
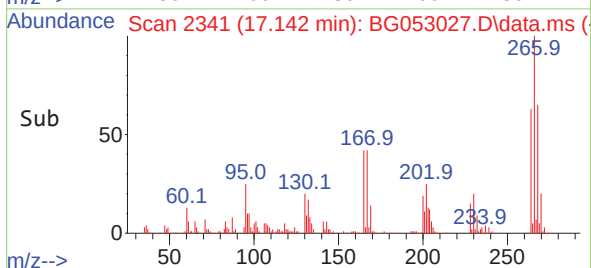
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022

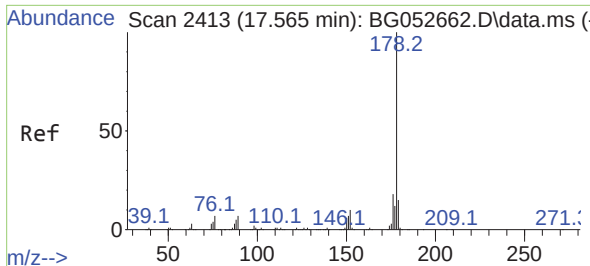


#70
Pentachlorophenol
Concen: 88.232 ng
RT: 17.142 min Scan# 2341
Delta R.T. -0.000 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52



Tgt Ion:266 Resp: 157317
Ion Ratio Lower Upper
266 100
268 65.4 45.9 68.9
264 63.0 45.3 67.9





#71
Phenanthrene
Concen: 42.520 ng
RT: 17.536 min Scan# 2413
Delta R.T. -0.000 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

Instrument :

BNA_G

ClientSampleId :

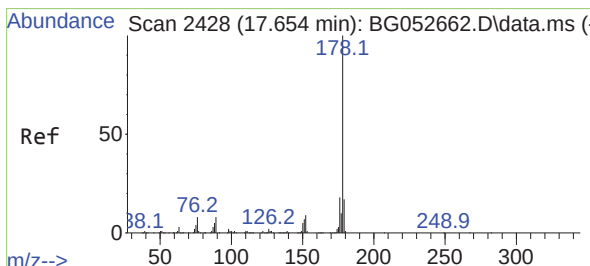
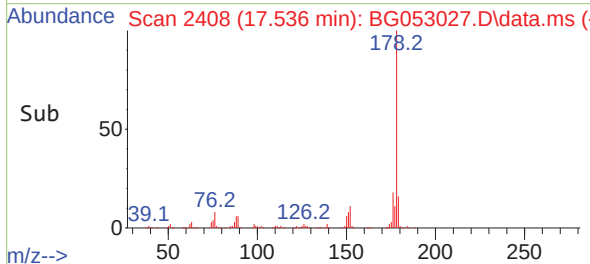
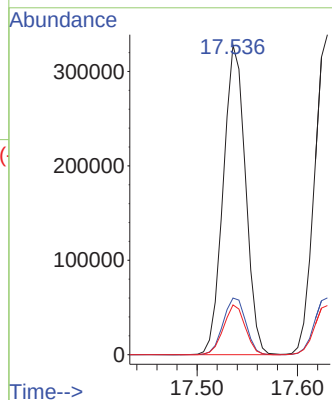
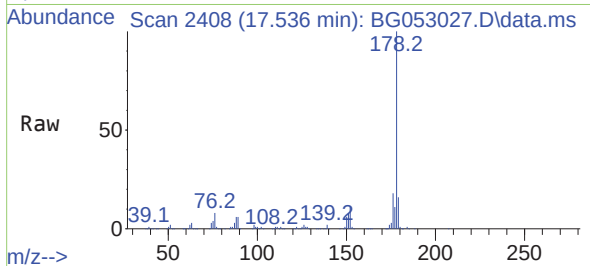
PB143839BS

Tgt Ion:178 Resp: 504479
Ion Ratio Lower Upper
178 100
176 18.3 15.9 23.9
179 16.1 13.4 20.2

Manual Integrations

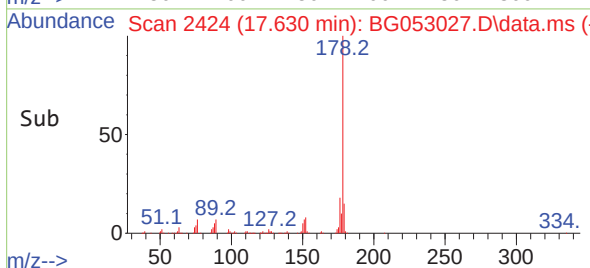
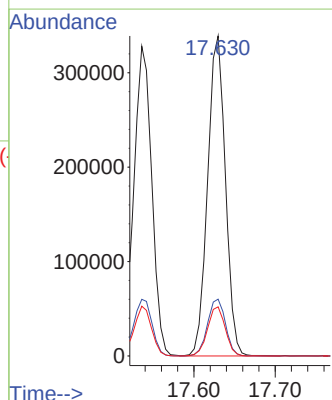
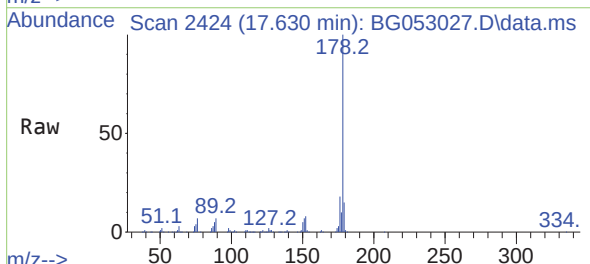
APPROVED

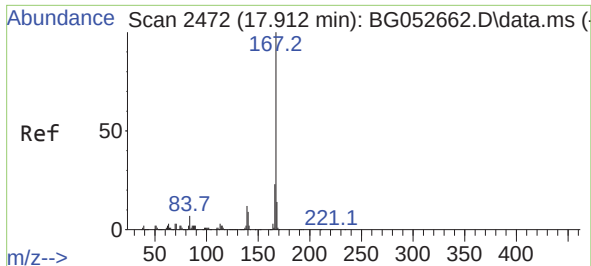
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#72
Anthracene
Concen: 43.951 ng
RT: 17.630 min Scan# 2424
Delta R.T. -0.000 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

Tgt Ion:178 Resp: 515486
Ion Ratio Lower Upper
178 100
176 17.8 14.7 22.1
179 15.3 13.2 19.8





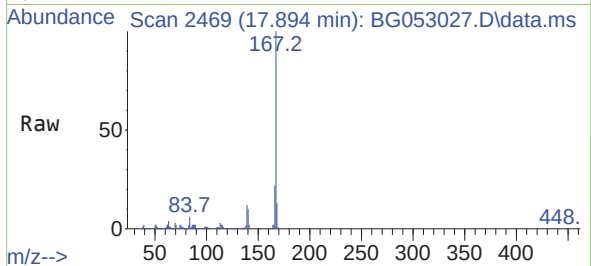
#73
Carbazole
Concen: 40.851 ng
RT: 17.894 min Scan# 2472
Delta R.T. -0.000 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

Instrument :

BNA_G

ClientSampleId :

PB143839BS

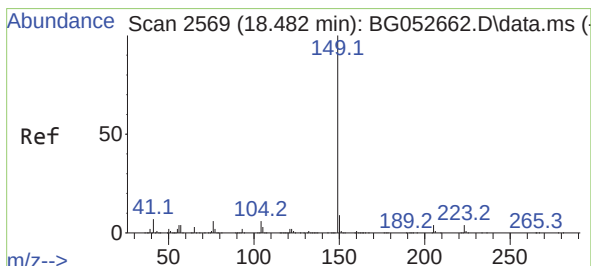
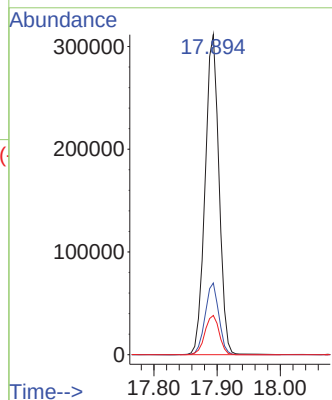


Tgt Ion:167 Resp: 474534
Ion Ratio Lower Upper
167 100
166 22.4 18.5 27.7
139 12.3 10.0 15.0

Manual Integrations

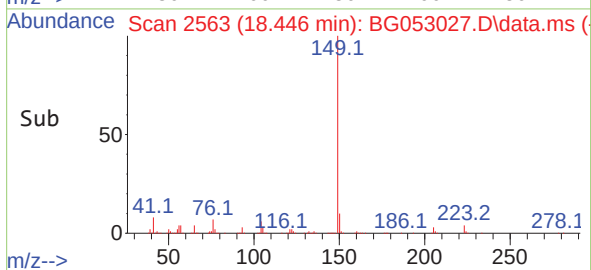
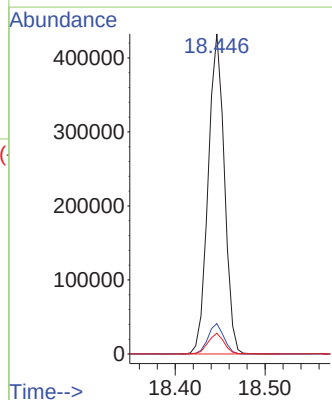
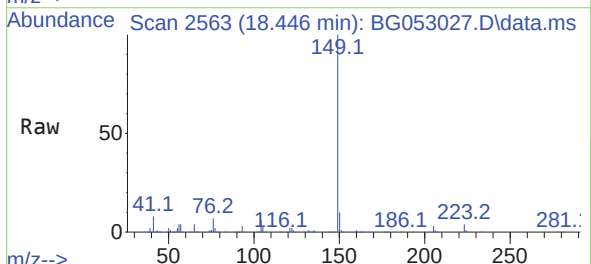
APPROVED

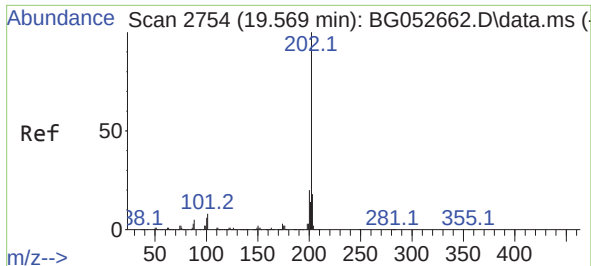
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#74
Di-n-butylphthalate
Concen: 42.694 ng
RT: 18.446 min Scan# 2563
Delta R.T. -0.000 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

Tgt Ion:149 Resp: 541781
Ion Ratio Lower Upper
149 100
150 9.5 7.0 10.6
104 6.5 4.6 7.0





#75
Fluoranthene
Concen: 44.534 ng
RT: 19.545 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

Instrument :

BNA_G

ClientSampleId :

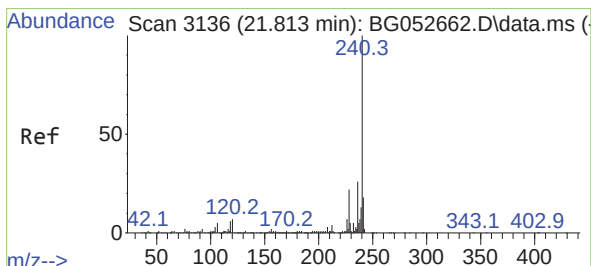
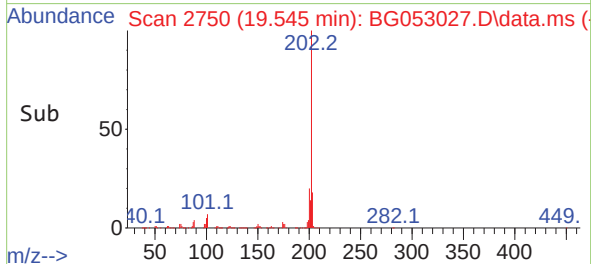
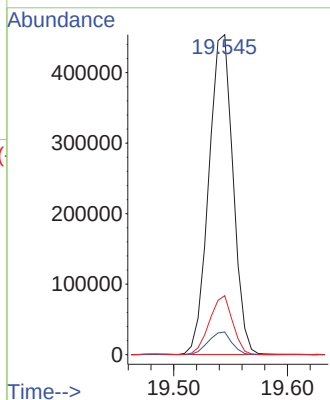
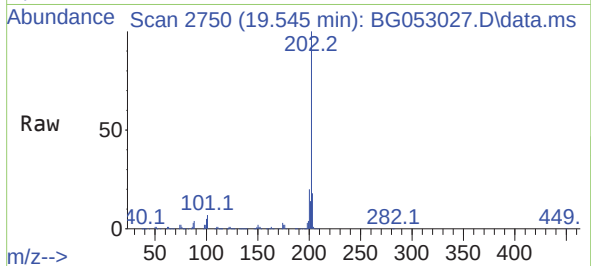
PB143839BS

Tgt Ion:202 Resp: 67070
Ion Ratio Lower Upper
202 100
101 7.1 0.0 27.3
203 18.4 0.0 37.7

Manual Integrations

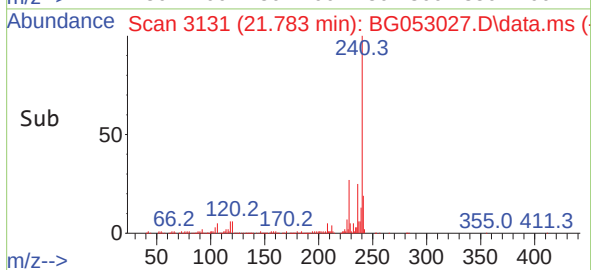
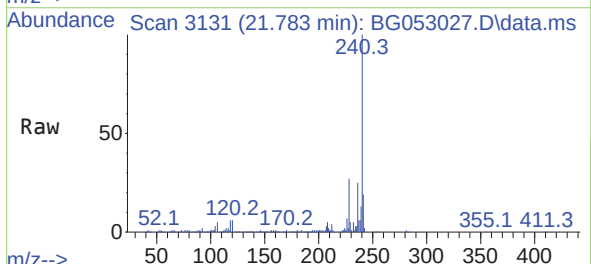
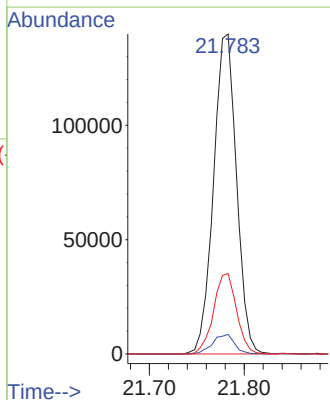
APPROVED

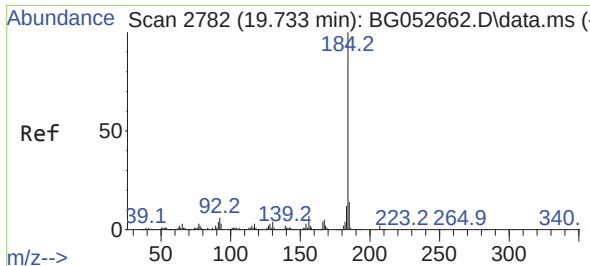
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.783 min Scan# 3131
Delta R.T. -0.000 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

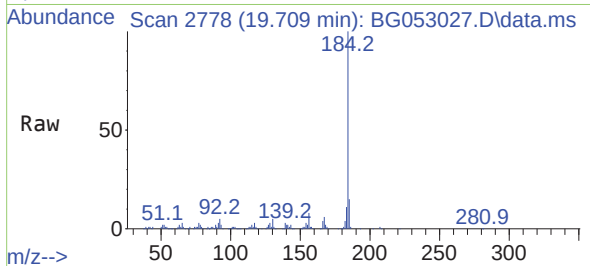
Tgt Ion:240 Resp: 235508
Ion Ratio Lower Upper
240 100
120 6.1 5.4 8.0
236 25.1 19.8 29.6





#77
Benzidine
Concen: 39.447 ng
RT: 19.709 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

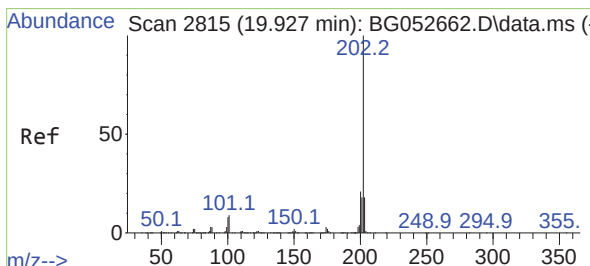
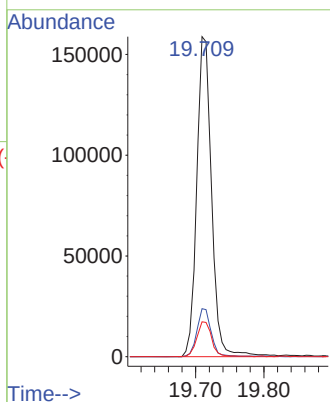
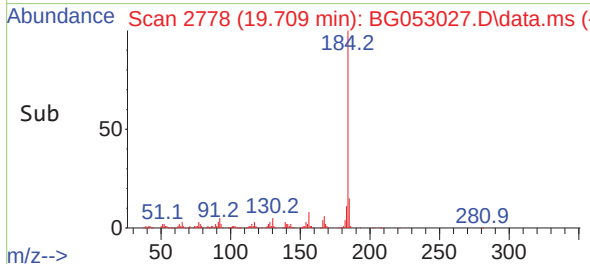
Instrument :
BNA_G
ClientSampleId :
PB143839BS



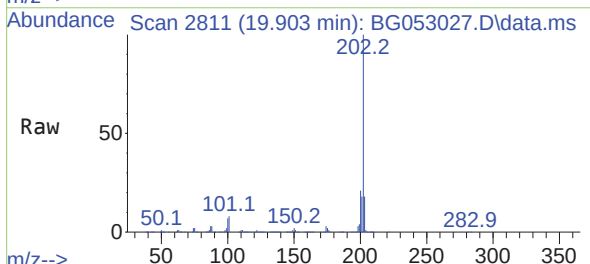
Tgt Ion:184 Resp: 239609
Ion Ratio Lower Upper
184 100
185 15.0 11.5 17.3
183 10.9 9.4 14.2

Manual Integrations
APPROVED

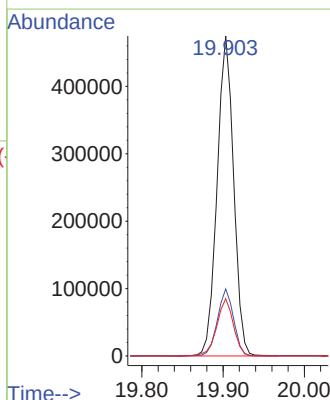
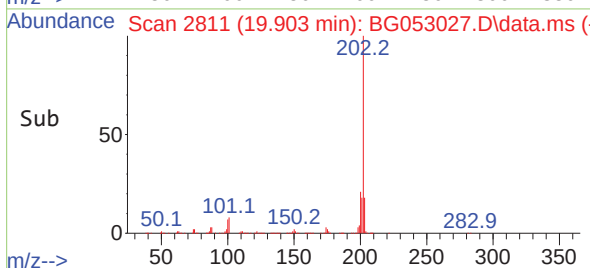
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022

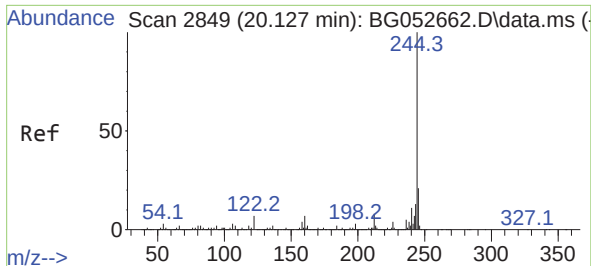


#78
Pyrene
Concen: 41.132 ng
RT: 19.903 min Scan# 2811
Delta R.T. -0.000 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52



Tgt Ion:202 Resp: 671953
Ion Ratio Lower Upper
202 100
200 20.9 17.0 25.6
203 17.9 15.0 22.6





#79
Terphenyl-d14
Concen: 78.432 ng
RT: 20.097 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

Instrument :

BNA_G

ClientSampleId :

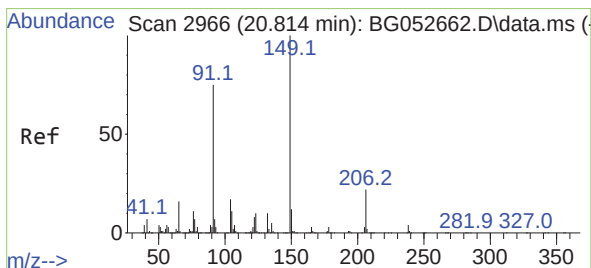
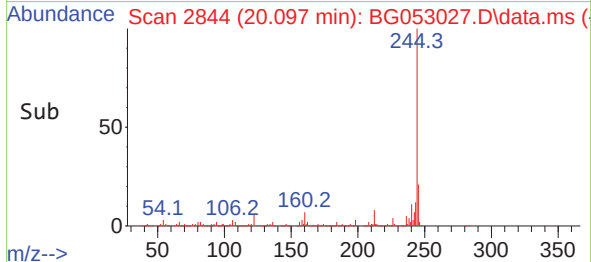
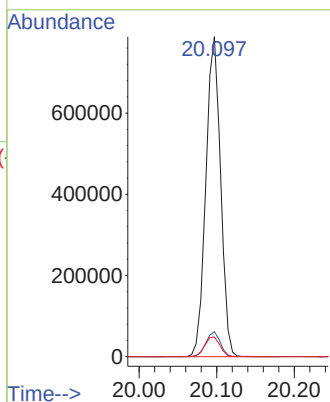
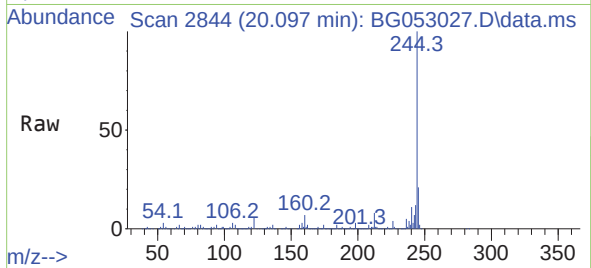
PB143839BS

Tgt Ion:244 Resp: 1038394
Ion Ratio Lower Upper
244 100
212 7.8 5.4 8.2
122 6.2 5.8 8.6

Manual Integrations

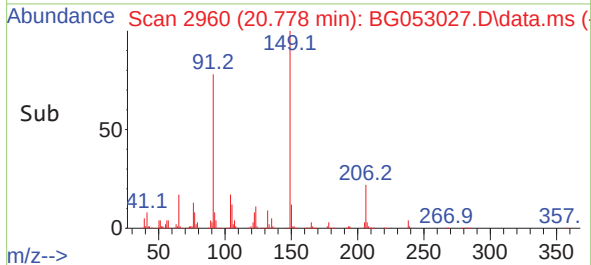
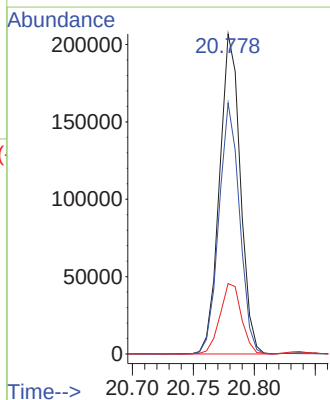
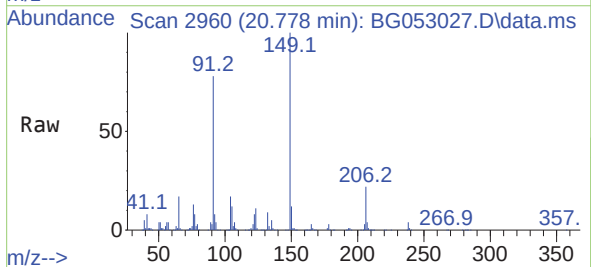
APPROVED

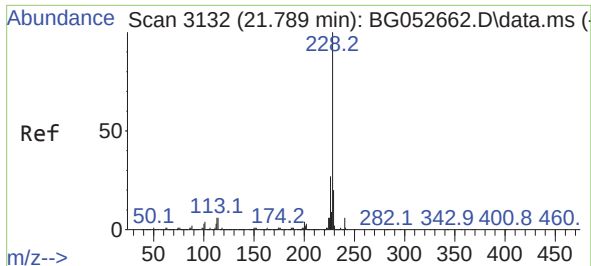
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#80
Butylbenzylphthalate
Concen: 42.410 ng
RT: 20.778 min Scan# 2960
Delta R.T. -0.000 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

Tgt Ion:149 Resp: 245768
Ion Ratio Lower Upper
149 100
91 78.4 60.2 90.4
206 22.0 19.4 29.2





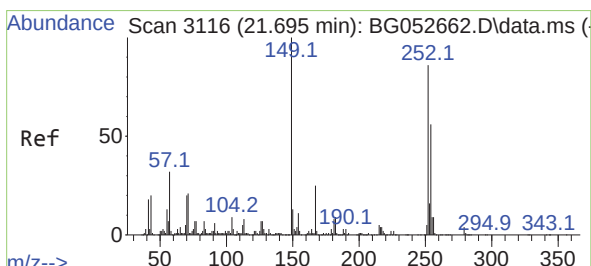
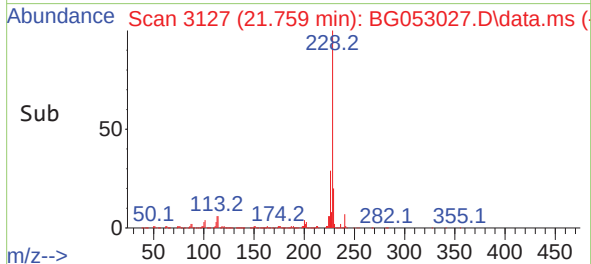
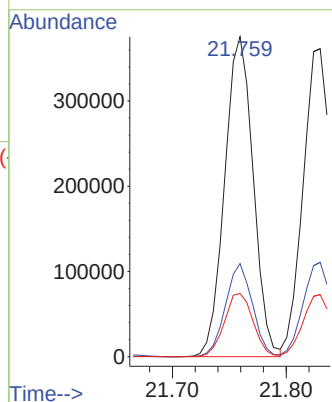
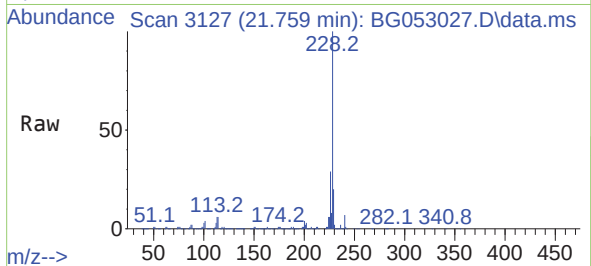
#81
Benzo(a)anthracene
Concen: 41.539 ng
RT: 21.759 min Scan# 3111
Delta R.T. -0.000 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

Instrument :
BNA_G
ClientSampleId :
PB143839BS

Tgt Ion:228 Resp: 65506
Ion Ratio Lower Upper
228 100
226 29.1 21.4 32.0
229 19.8 16.7 25.1

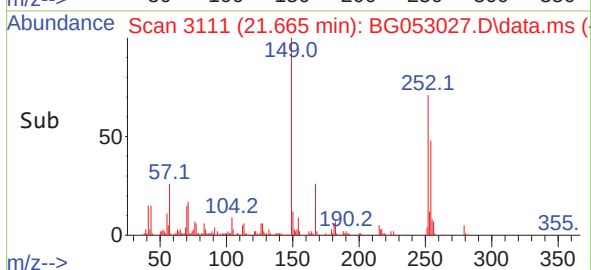
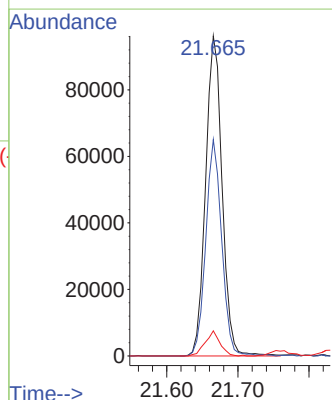
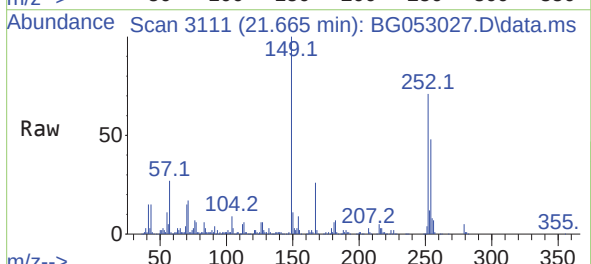
Manual Integrations
APPROVED

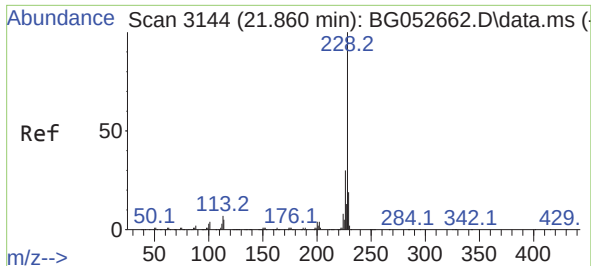
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#82
3,3'-Dichlorobenzidine
Concen: 27.876 ng
RT: 21.665 min Scan# 3111
Delta R.T. -0.000 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

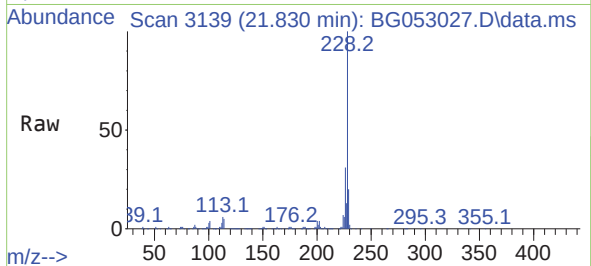
Tgt Ion:252 Resp: 155240
Ion Ratio Lower Upper
252 100
254 67.6 51.2 76.8
126 7.9 5.8 8.8





#83
Chrysene
Concen: 42.093 ng
RT: 21.830 min Scan# 3144
Delta R.T. -0.000 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

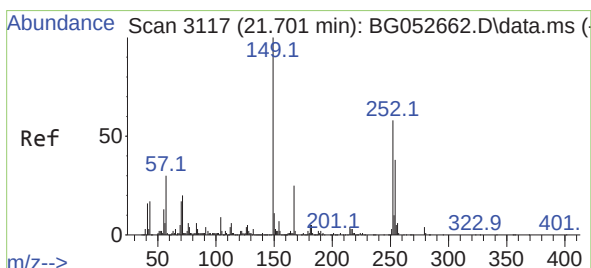
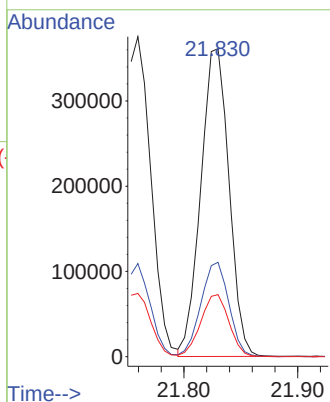
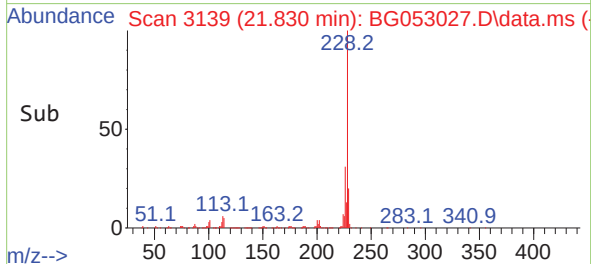
Instrument :
BNA_G
ClientSampleId :
PB143839BS



Tgt Ion:228 Resp: 624050
Ion Ratio Lower Upper
228 100
226 30.7 24.2 36.4
229 20.2 16.3 24.5

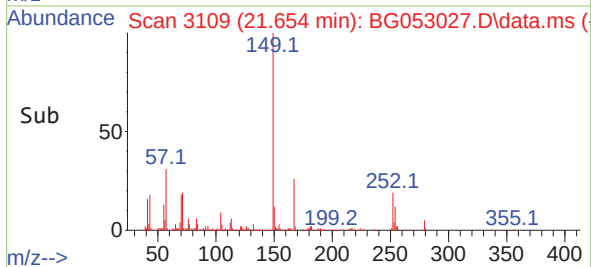
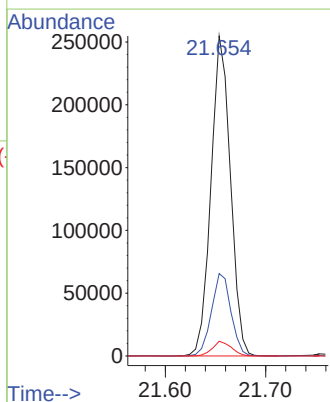
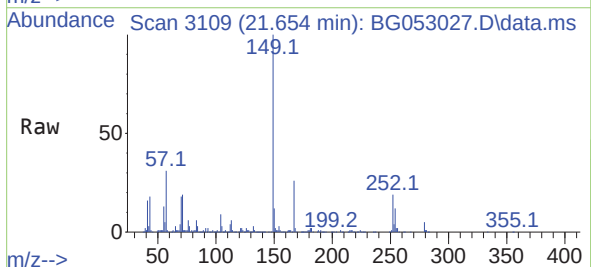
Manual Integrations
APPROVED

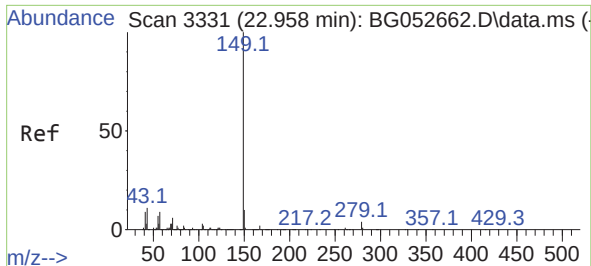
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.515 ng
RT: 21.654 min Scan# 3109
Delta R.T. -0.000 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

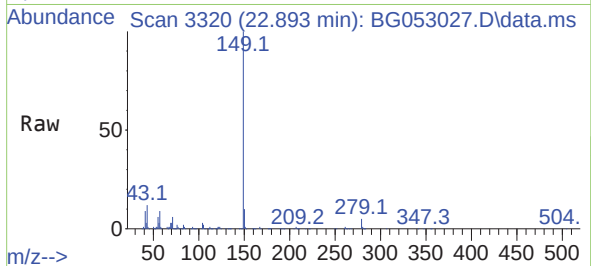
Tgt Ion:149 Resp: 342934
Ion Ratio Lower Upper
149 100
167 25.8 21.4 32.2
279 4.6 3.8 5.8





#85
Di-n-octyl phthalate
Concen: 45.126 ng
RT: 22.893 min Scan# 31
Delta R.T. -0.000 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

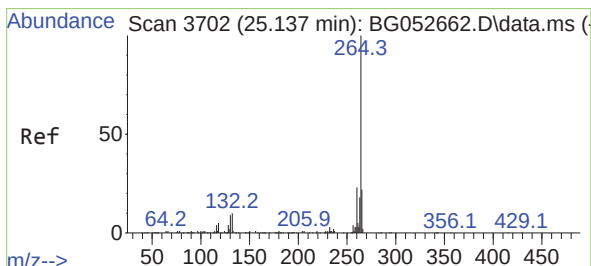
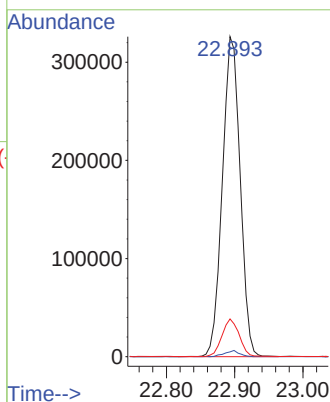
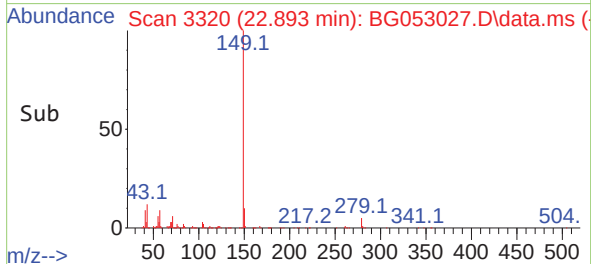
Instrument :
BNA_G
ClientSampleId :
PB143839BS



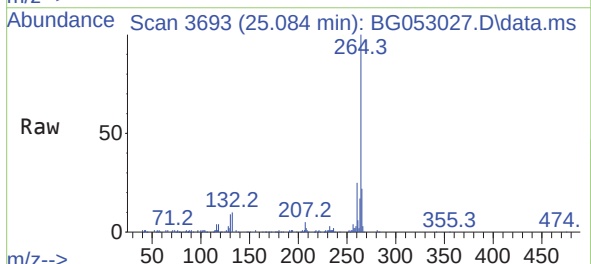
Tgt Ion:149 Resp: 59204
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.5 7.6 11.4

Manual Integrations
APPROVED

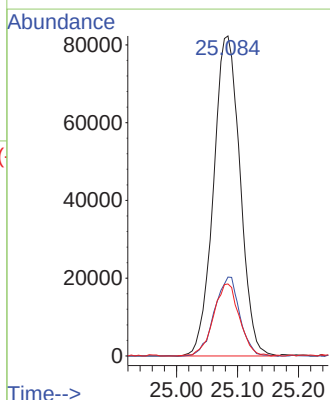
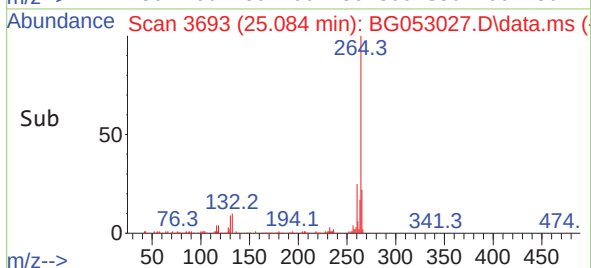
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022

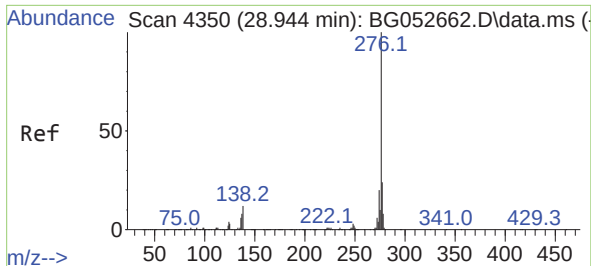


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.084 min Scan# 3693
Delta R.T. -0.000 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52



Tgt Ion:264 Resp: 248868
Ion Ratio Lower Upper
264 100
260 24.7 18.2 27.2
265 22.5 15.1 22.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 46.593 ng
RT: 28.862 min Scan# 41
Delta R.T. -0.006 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

Instrument :

BNA_G

ClientSampleId :

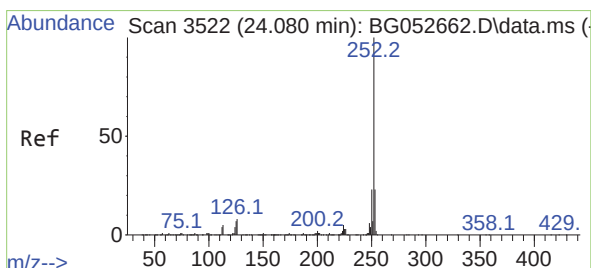
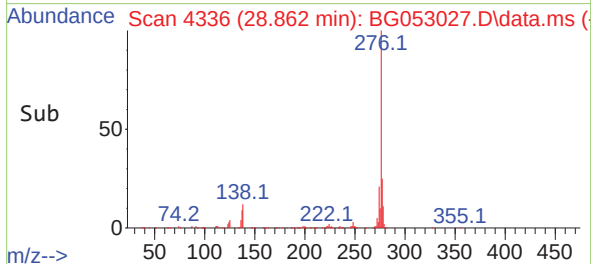
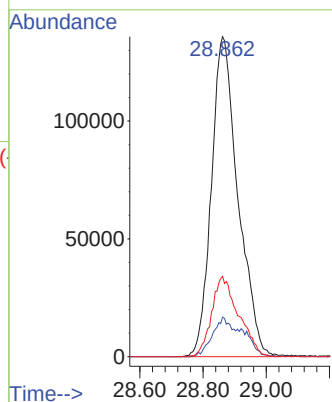
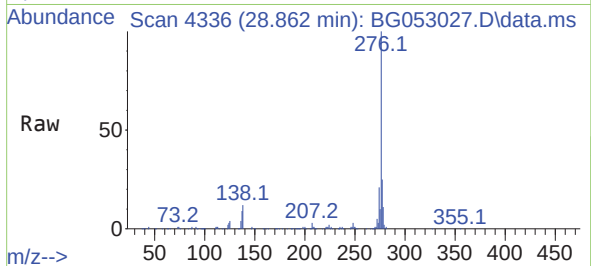
PB143839BS

Tgt Ion:276 Resp: 793684
Ion Ratio Lower Upper
276 100
138 9.2 8.7 13.1
277 25.5 20.2 30.4

Manual Integrations

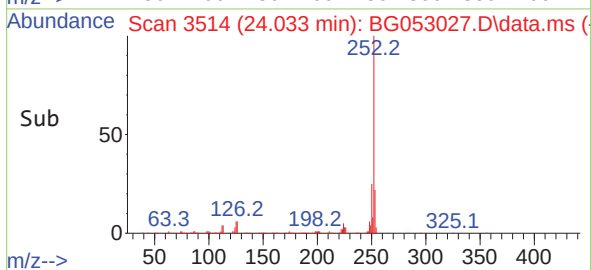
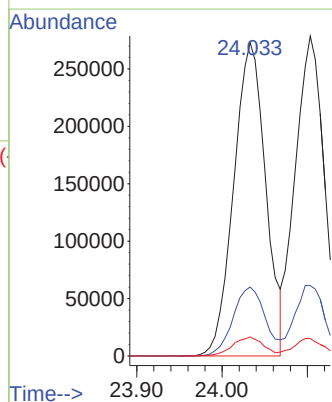
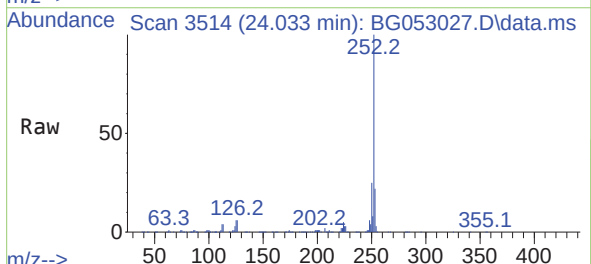
APPROVED

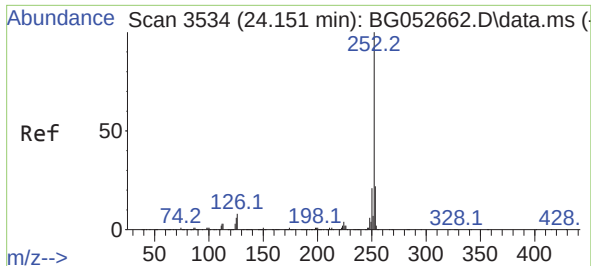
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#88
Benzo(b)fluoranthene
Concen: 45.903 ng
RT: 24.033 min Scan# 3514
Delta R.T. -0.000 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

Tgt Ion:252 Resp: 709312
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 6.1 5.2 7.8





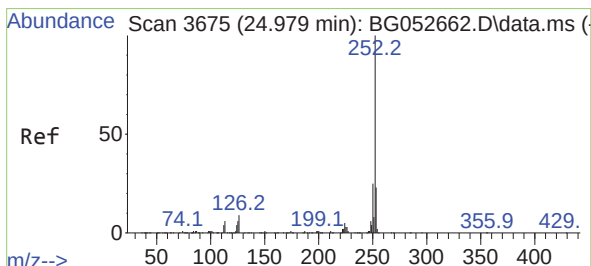
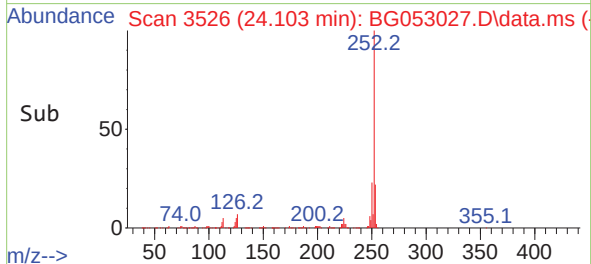
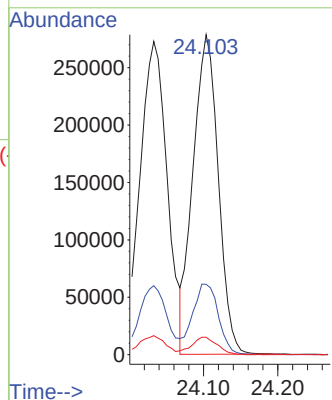
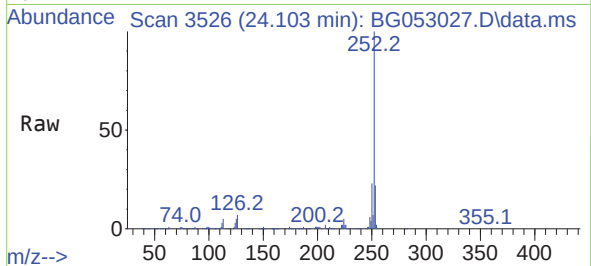
#89
Benzo(k)fluoranthene
Concen: 43.344 ng
RT: 24.103 min Scan# 31
Delta R.T. -0.000 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

Instrument :
BNA_G
ClientSampleId :
PB143839BS

Tgt Ion:252 Resp: 658958
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 5.5 5.0 7.4

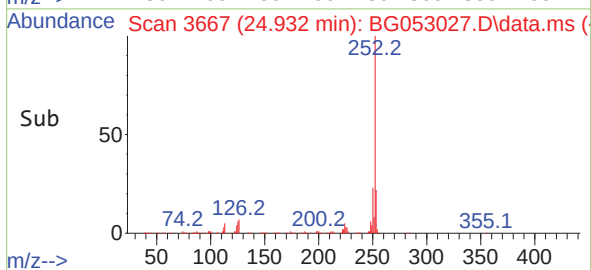
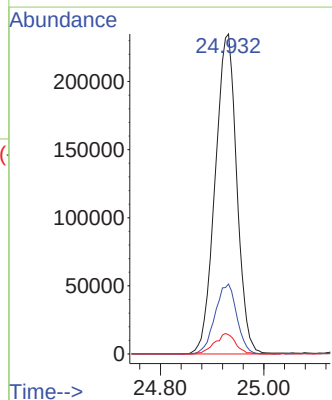
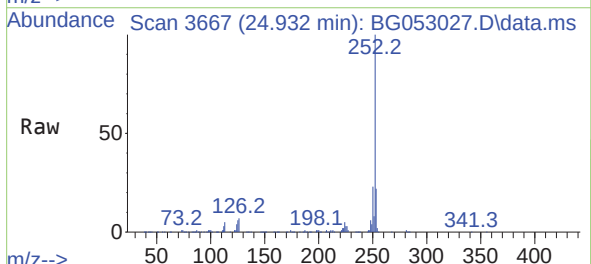
Manual Integrations
APPROVED

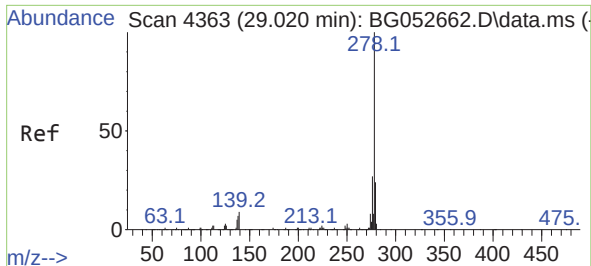
Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#90
Benzo(a)pyrene
Concen: 52.100 ng
RT: 24.932 min Scan# 3667
Delta R.T. 0.006 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

Tgt Ion:252 Resp: 681472
Ion Ratio Lower Upper
252 100
253 21.9 18.4 27.6
125 6.0 5.6 8.4





#91
Dibenzo(a,h)anthracene
Concen: 47.134 ng
RT: 28.932 min Scan# 41
Delta R.T. -0.000 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

Instrument :

BNA_G

ClientSampleId :

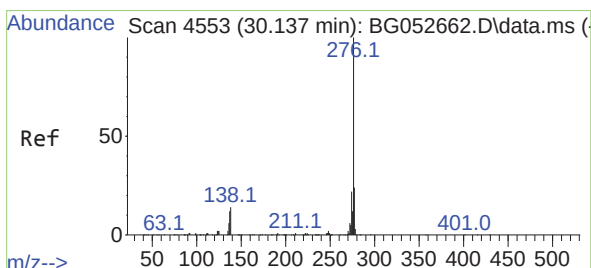
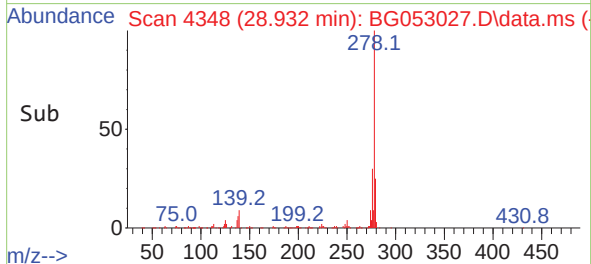
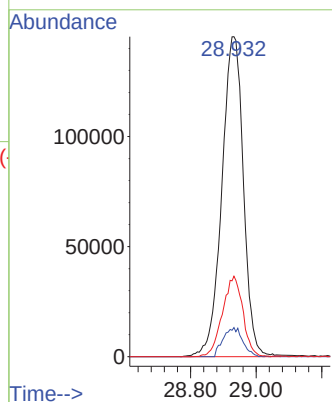
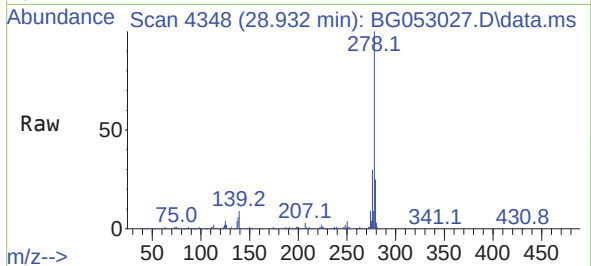
PB143839BS

Tgt Ion:278 Resp: 66158
Ion Ratio Lower Upper
278 100
139 9.1 7.8 11.6
279 25.2 18.5 27.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/06/2022
Supervised By :Jagrut Upadhyay 04/06/2022



#92
Benzo(g,h,i)perylene
Concen: 47.770 ng
RT: 30.048 min Scan# 4538
Delta R.T. -0.000 min
Lab File: BG053027.D
Acq: 5 Apr 2022 11:52

Tgt Ion:276 Resp: 663426
Ion Ratio Lower Upper
276 100
277 22.9 18.2 27.2
138 12.7 9.1 13.7

