

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040822\
 Data File : BG053088.D
 Acq On : 8 Apr 2022 17:41
 Operator : CG/JU
 Sample : PB143883BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB143883BS

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/11/2022
 Supervised By :Jagrut Upadhyay 04/11/2022

Quant Time: Apr 09 07:03:40 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Apr 08 15:31:24 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.124	152	29406	20.000	ng	0.00
21) Naphthalene-d8	10.932	136	121601	20.000	ng	# 0.00
39) Acenaphthene-d10	14.745	164	92296	20.000	ng	0.00
64) Phenanthrene-d10	17.488	188	222085	20.000	ng	0.00
76) Chrysene-d12	21.776	240	228243	20.000	ng	# 0.00
86) Perylene-d12	25.078	264	233024	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	215240	125.471	ng	0.00
7) Phenol-d6	7.284	99	315567	119.289	ng	0.00
23) Nitrobenzene-d5	9.282	82	227495	75.962	ng	0.00
42) 2,4,6-Tribromophenol	16.231	330	165895	112.977	ng	0.00
45) 2-Fluorobiphenyl	13.370	172	500506	74.776	ng	0.00
79) Terphenyl-d14	20.091	244	1028709	76.120	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.566	88	22683	27.688	ng	# 91
3) Pyridine	3.965	79	63389	29.338	ng	# 92
4) n-Nitrosodimethylamine	3.871	42	43400	40.562	ng	80
6) Aniline	7.443	93	97098	31.671	ng	99
8) 2-Chlorophenol	7.684	128	83500	45.087	ng	96
9) Benzaldehyde	7.255	77	48126m	30.435	ng	
10) Phenol	7.308	94	110343	41.904	ng	88
11) bis(2-Chloroethyl)ether	7.531	93	75917	39.995	ng	91
12) 1,3-Dichlorobenzene	8.013	146	84633	39.327	ng	95
13) 1,4-Dichlorobenzene	8.160	146	84471	38.502	ng	96
14) 1,2-Dichlorobenzene	8.477	146	84660	40.015	ng	95
15) Benzyl Alcohol	8.354	79	95400	40.572	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.641	45	126437	39.897	ng	99
17) 2-Methylphenol	8.565	107	76125	42.721	ng	92
18) Hexachloroethane	9.211	117	32067	38.977	ng	93
19) n-Nitroso-di-n-propyla...	8.923	70	76160	39.324	ng	# 93
20) 3+4-Methylphenols	8.888	107	103987	41.339	ng	89
22) Acetophenone	8.941	105	128958	38.226	ng	93
24) Nitrobenzene	9.329	77	116994	40.163	ng	93
25) Isophorone	9.851	82	209445	41.145	ng	98
26) 2-Nitrophenol	10.039	139	46769	38.395	ng	90
27) 2,4-Dimethylphenol	10.098	122	82343	47.201	ng	89
28) bis(2-Chloroethoxy)met...	10.327	93	109573	38.315	ng	98
29) 2,4-Dichlorophenol	10.580	162	90880	41.439	ng	99
30) 1,2,4-Trichlorobenzene	10.797	180	94239	37.966	ng	98
31) Naphthalene	10.985	128	253133	39.018	ng	99
32) Benzoic acid	10.239	122	42716	38.408	ng	90
33) 4-Chloroaniline	11.085	127	55511	19.981	ng	# 93
34) Hexachlorobutadiene	11.273	225	69896	37.908	ng	97
35) Caprolactam	11.855	113	30668m	39.672	ng	
36) 4-Chloro-3-methylphenol	12.201	107	101318	39.682	ng	92
37) 2-Methylnaphthalene	12.583	142	186313	38.811	ng	93
38) 1-Methylnaphthalene	12.800	142	179269m	38.257	ng	
40) 1,2,4,5-Tetrachloroben...	12.947	216	118110	37.678	ng	98
41) Hexachlorocyclopentadiene	12.930	237	158129	97.719	ng	93
43) 2,4,6-Trichlorophenol	13.182	196	83726	38.739	ng	93

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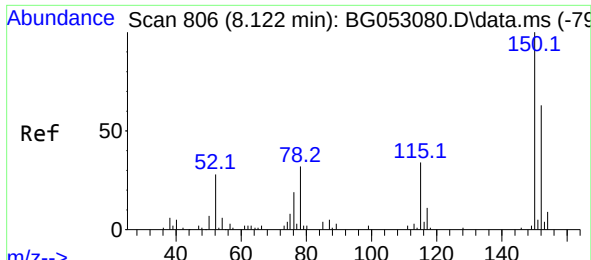
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 QLast Update : Fri Apr 08 15:31:24 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.259	196	91503	39.731	ng	99
46) 1,1'-Biphenyl	13.582	154	255341	38.417	ng	98
47) 2-Chloronaphthalene	13.629	162	202156	38.123	ng	99
48) 2-Nitroaniline	13.823	65	79299	39.405	ng	87
49) Acenaphthylene	14.469	152	347217	41.828	ng	98
50) Dimethylphthalate	14.193	163	283527	38.407	ng	98
51) 2,6-Dinitrotoluene	14.310	165	62346	40.483	ng	86
52) Acenaphthene	14.809	154	250094m	44.427	ng	
53) 3-Nitroaniline	14.639	138	41659	25.582	ng	# 88
54) 2,4-Dinitrophenol	14.851	184	79959	81.598	ng	# 86
55) Dibenzofuran	15.144	168	328510	37.269	ng	97
56) 4-Nitrophenol	14.950	139	101100	81.402	ng	# 75
57) 2,4-Dinitrotoluene	15.097	165	89231	40.697	ng	# 89
58) Fluorene	15.790	166	270352	37.975	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.368	232	84049	37.579	ng	96
60) Diethylphthalate	15.550	149	292606	37.830	ng	99
61) 4-Chlorophenyl-phenyle...	15.779	204	153523	38.041	ng	97
62) 4-Nitroaniline	15.802	138	62486	36.363	ng	# 82
63) Azobenzene	16.072	77	290251	37.220	ng	97
65) 4,6-Dinitro-2-methylph...	15.867	198	56928	36.741	ng	99
66) n-Nitrosodiphenylamine	15.990	169	246031	38.524	ng	97
67) 4-Bromophenyl-phenylether	16.672	248	107280	37.699	ng	95
68) Hexachlorobenzene	16.801	284	120156	38.990	ng	94
69) Atrazine	16.936	200	106276	42.601	ng	97
70) Pentachlorophenol	17.142	266	143123	84.977	ng	93
71) Phenanthrene	17.529	178	473525	39.035	ng	98
72) Anthracene	17.623	178	472463	39.314	ng	98
73) Carbazole	17.888	167	438522	37.538	ng	99
74) Di-n-butylphthalate	18.440	149	515730	38.926	ng	98
75) Fluoranthene	19.538	202	619628	39.849	ng	99
77) Benzidine	19.709	184	251467	38.615	ng	100
78) Pyrene	19.897	202	613198	37.723	ng	99
80) Butylbenzylphthalate	20.772	149	230833	38.089	ng	97
81) Benzo(a)anthracene	21.753	228	604708	38.749	ng	97
82) 3,3'-Dichlorobenzidine	21.659	252	147967	25.782	ng	99
83) Chrysene	21.823	228	546515	37.735	ng	99
84) Bis(2-ethylhexyl)phtha...	21.647	149	321807	39.284	ng	99
85) Di-n-octyl phthalate	22.887	149	532816	38.891	ng	97
87) Indeno(1,2,3-cd)pyrene	28.867	276	663578	38.330	ng	# 98
88) Benzo(b)fluoranthene	24.026	252	612893	41.686	ng	# 98
89) Benzo(k)fluoranthene	24.097	252	580057	40.143	ng	99
90) Benzo(a)pyrene	24.919	252	589661	47.078	ng	# 97
91) Dibenzo(a,h)anthracene	28.926	278	578891	40.627	ng	# 96
92) Benzo(g,h,i)perylene	30.042	276	566100	40.308	ng	100

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



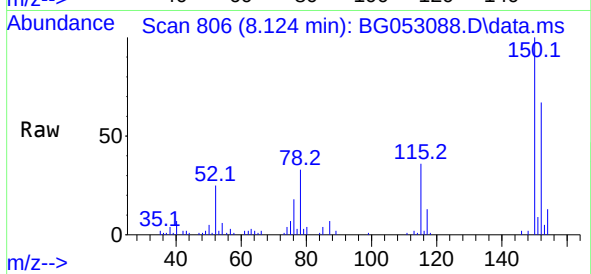
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.124 min Scan# 80
Delta R.T. 0.002 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41

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BNA_G

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PB143883BS

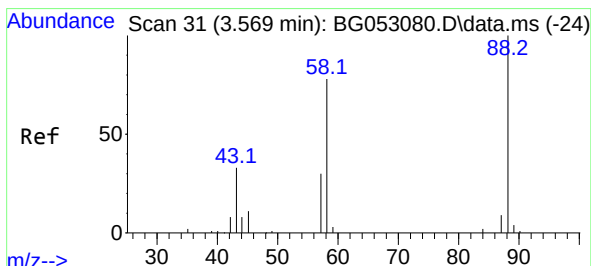
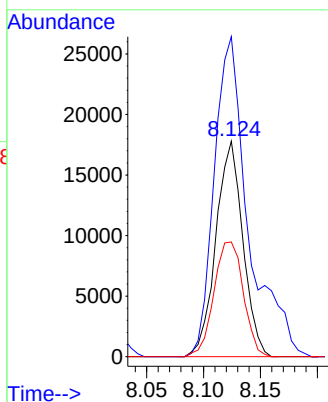
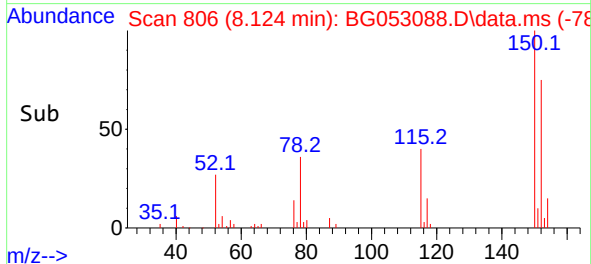


Tgt Ion:152 Resp: 29400
Ion Ratio Lower Upper
152 100
150 148.4 114.6 172.0
115 53.2 45.9 68.9

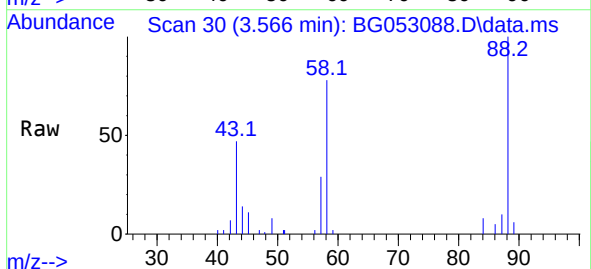
Manual Integrations

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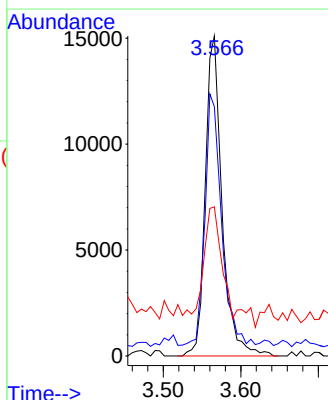
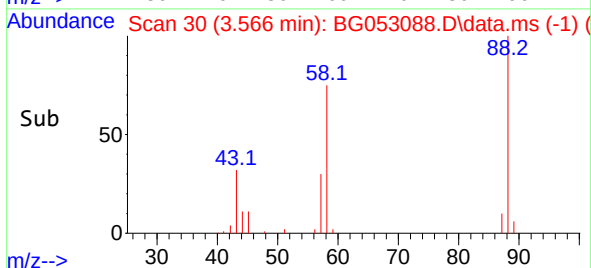
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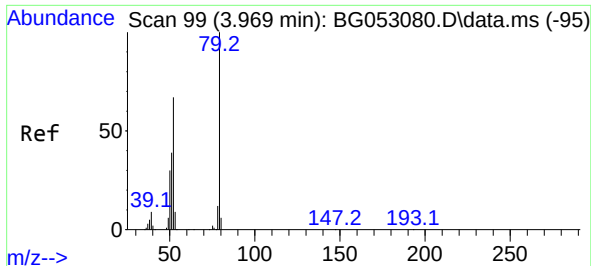


#2
1,4-Dioxane
Concen: 27.688 ng
RT: 3.566 min Scan# 30
Delta R.T. -0.003 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41



Tgt Ion: 88 Resp: 22683
Ion Ratio Lower Upper
88 100
58 77.7 58.2 87.2
43 37.1 23.4 35.0#





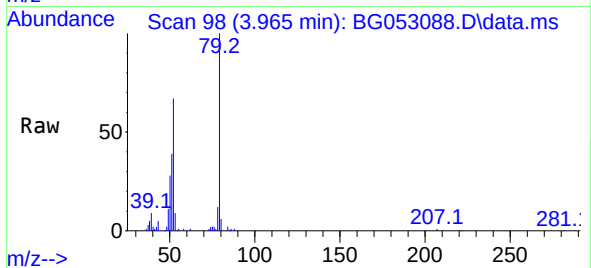
#3
 Pyridine
 Concen: 29.338 ng
 RT: 3.965 min Scan# 91
 Delta R.T. -0.003 min
 Lab File: BG053088.D
 Acq: 8 Apr 2022 17:41

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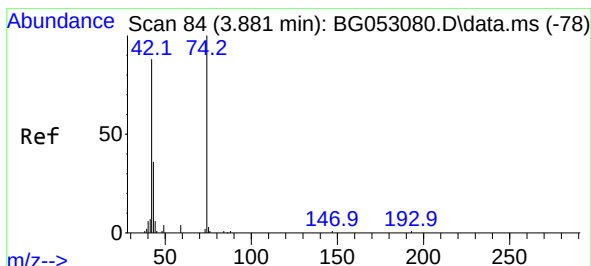
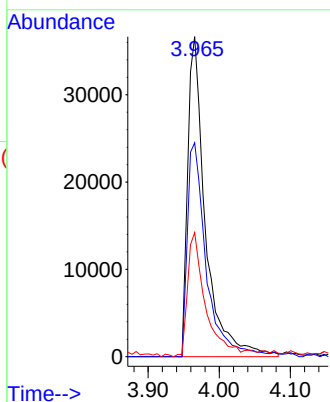
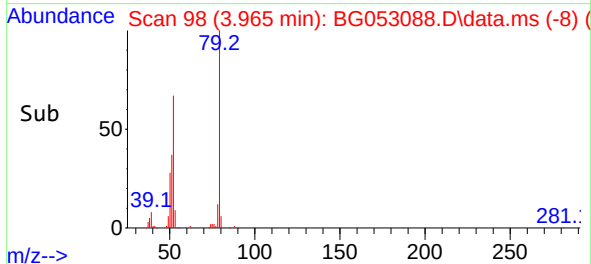


Tgt Ion: 79 Resp: 63389
 Ion Ratio Lower Upper
 79 100
 52 66.9 50.9 76.3
 51 38.8 24.4 36.6

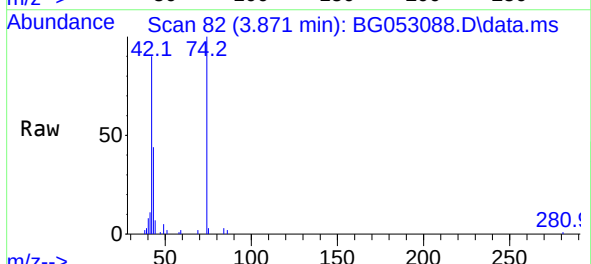
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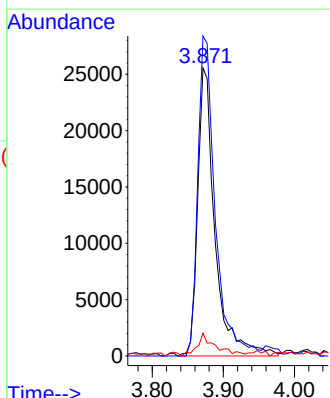
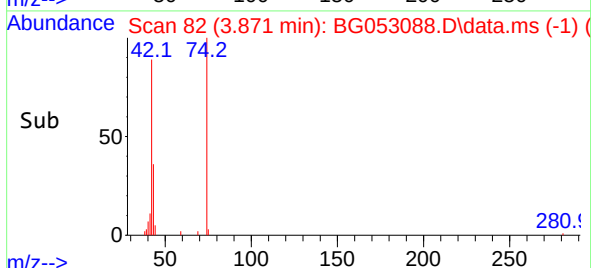
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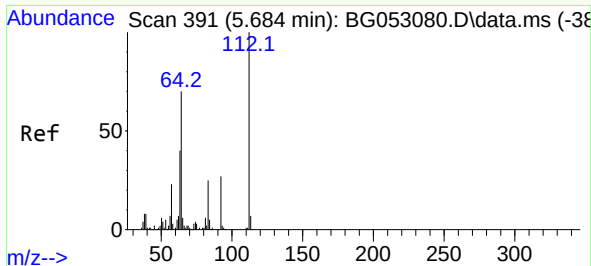


#4
 n-Nitrosodimethylamine
 Concen: 40.562 ng
 RT: 3.871 min Scan# 82
 Delta R.T. -0.009 min
 Lab File: BG053088.D
 Acq: 8 Apr 2022 17:41



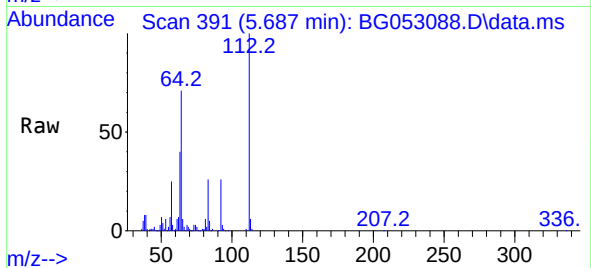
Tgt Ion: 42 Resp: 43400
 Ion Ratio Lower Upper
 42 100
 74 111.1 108.9 163.3
 44 7.9 5.7 8.5





#5
2-Fluorophenol
Concen: 125.471 ng
RT: 5.687 min Scan# 391
Delta R.T. 0.003 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41

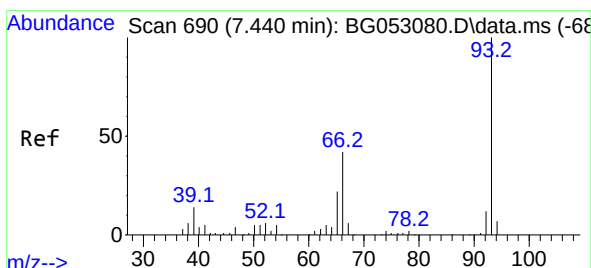
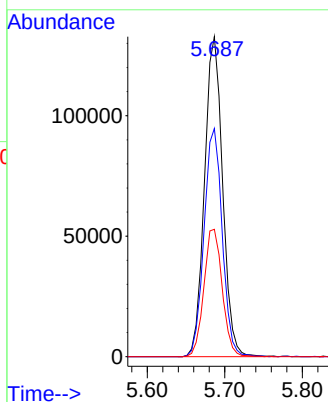
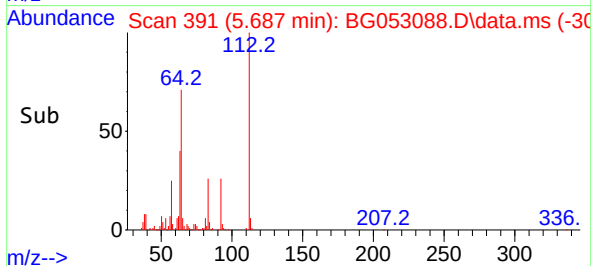
Instrument :
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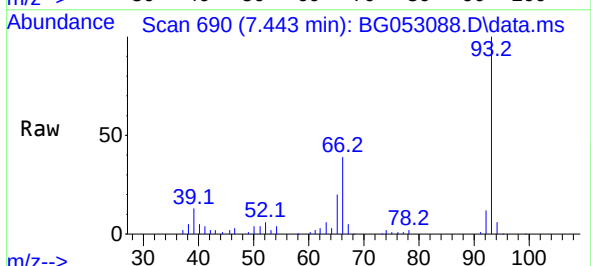
Tgt Ion: 112 Resp: 215240
Ion Ratio Lower Upper
112 100
64 71.3 48.0 72.0
63 39.8 26.5 39.7

Manual Integrations
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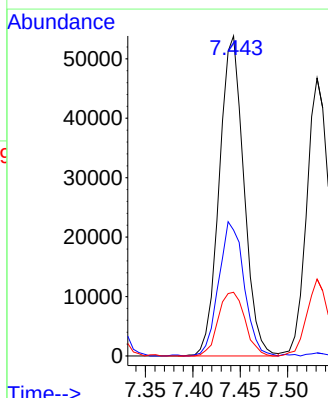
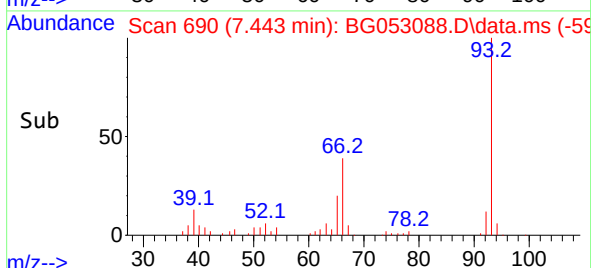
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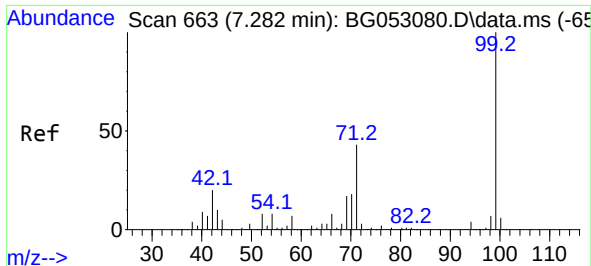


#6
Aniline
Concen: 31.671 ng
RT: 7.443 min Scan# 690
Delta R.T. 0.003 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41



Tgt Ion: 93 Resp: 97098
Ion Ratio Lower Upper
93 100
66 39.4 31.3 46.9
65 19.9 16.7 25.1





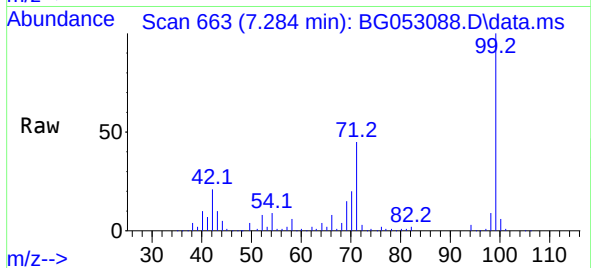
#7
Phenol-d6
Concen: 119.289 ng
RT: 7.284 min Scan# 60
Delta R.T. 0.003 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41

Instrument :

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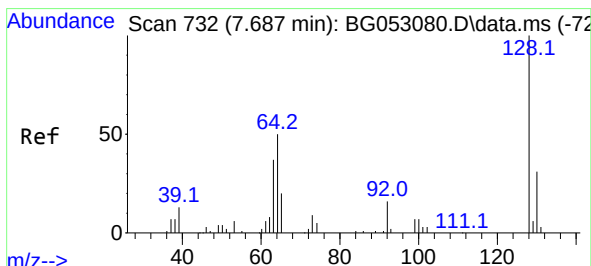
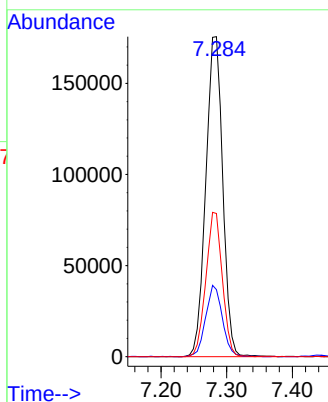
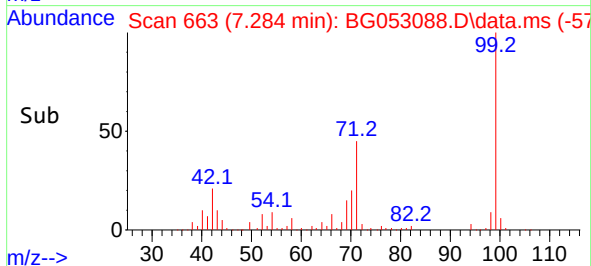


Tgt Ion: 99 Resp: 31556
Ion Ratio Lower Upper
99 100
42 21.0 14.7 22.1
71 44.7 29.2 43.8

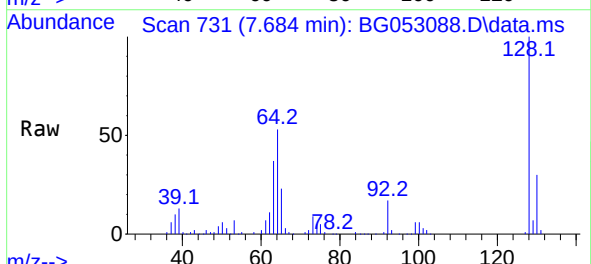
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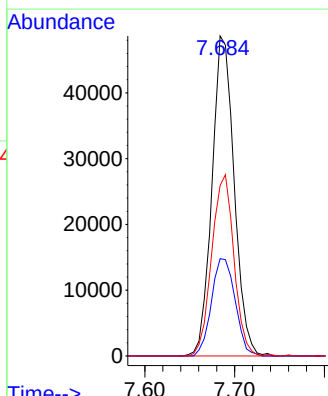
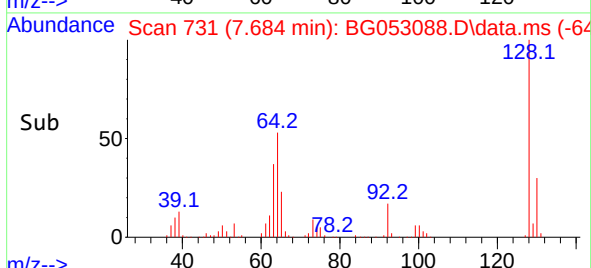
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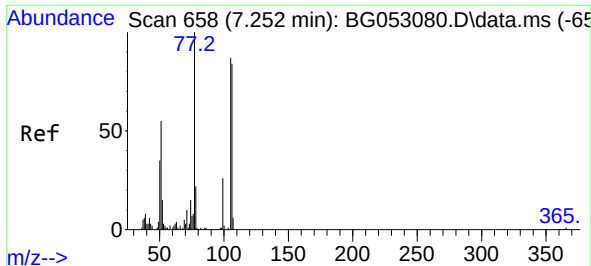


#8
2-Chlorophenol
Concen: 45.087 ng
RT: 7.684 min Scan# 731
Delta R.T. -0.003 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41



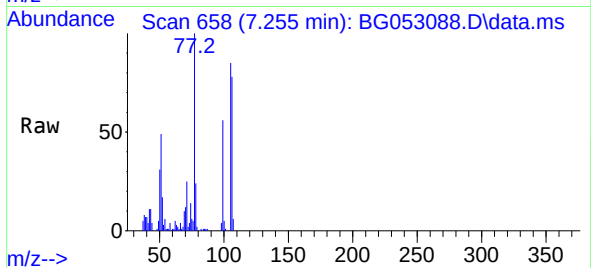
Tgt Ion:128 Resp: 83500
Ion Ratio Lower Upper
128 100
130 30.4 13.4 53.4
64 53.2 30.9 70.9





#9
Benzaldehyde
Concen: 30.435 ng m
RT: 7.255 min Scan# 658
Delta R.T. 0.003 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41

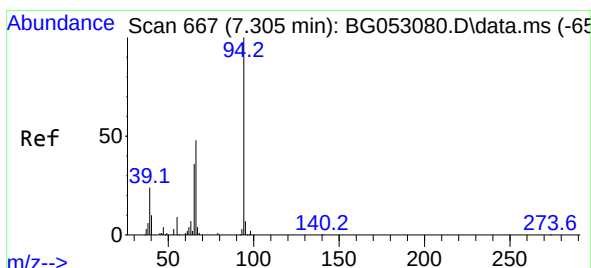
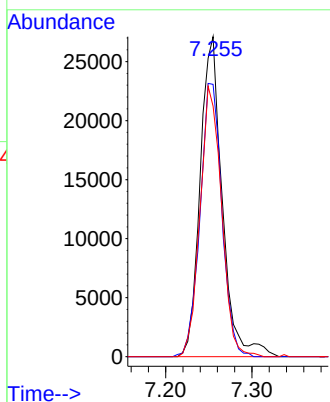
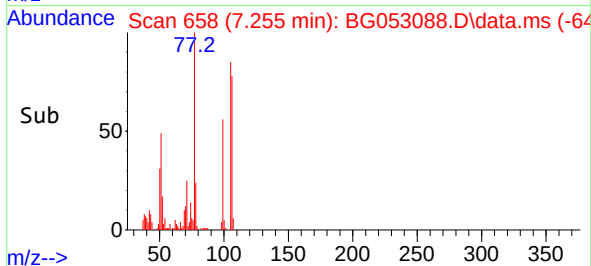
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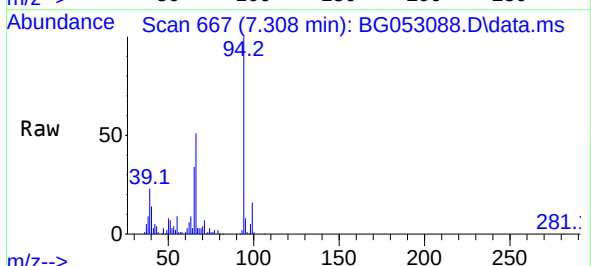
Tgt Ion: 77 Resp: 48120
Ion Ratio Lower Upper
77 100
105 85.1 70.6 110.6
106 78.3 67.6 107.6

Manual Integrations
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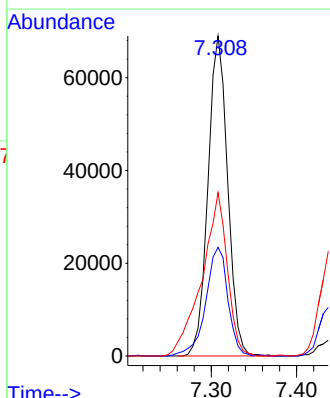
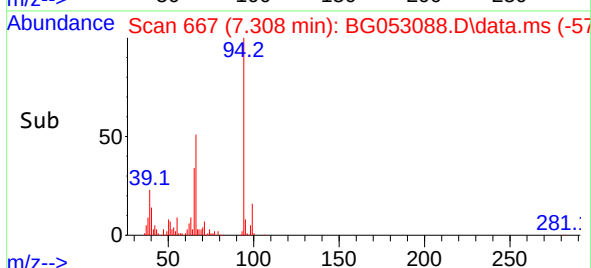
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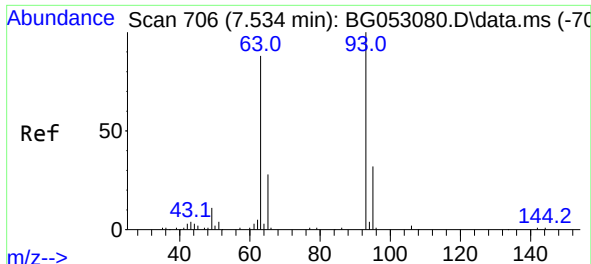


#10
Phenol
Concen: 41.904 ng
RT: 7.308 min Scan# 667
Delta R.T. 0.003 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41



Tgt Ion: 94 Resp: 110343
Ion Ratio Lower Upper
94 100
65 34.0 11.1 51.1
66 51.0 20.0 60.0





#11
bis(2-Chloroethyl)ether
Concen: 39.995 ng
RT: 7.531 min Scan# 706
Delta R.T. -0.003 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41

Instrument :

BNA_G

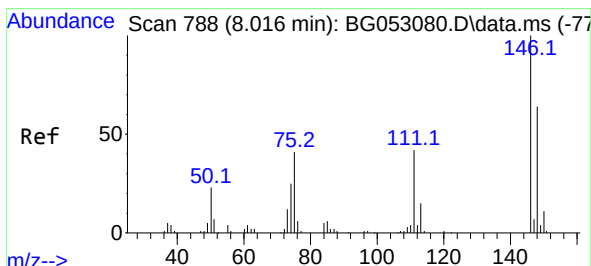
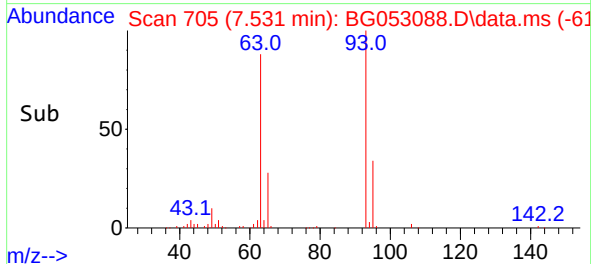
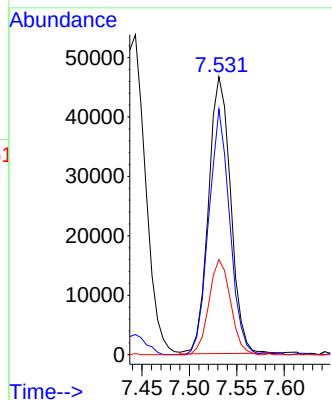
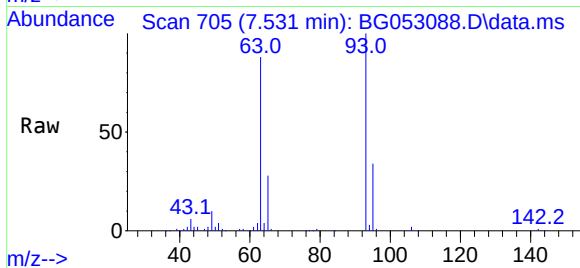
ClientSampleId :

PB143883BS

Tgt Ion: 93 Resp: 7591
Ion Ratio Lower Upper
93 100
63 88.3 56.9 96.9
95 34.2 14.5 54.5

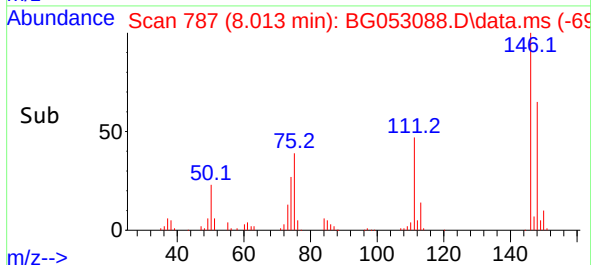
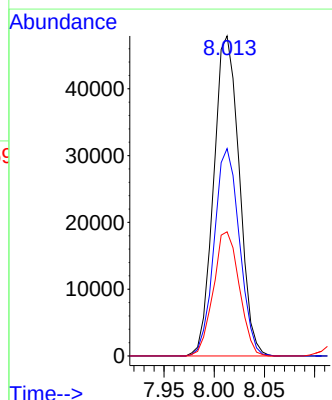
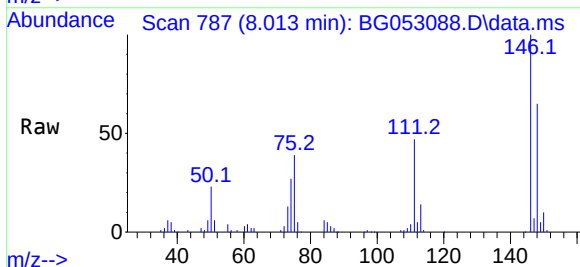
Manual Integrations
APPROVED

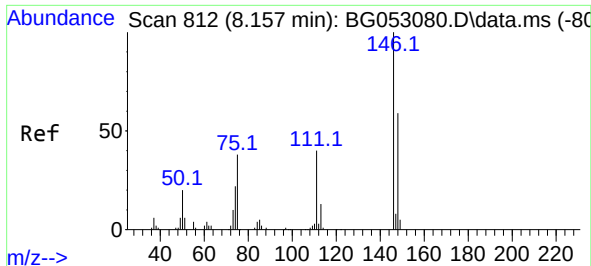
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022



#12
1,3-Dichlorobenzene
Concen: 39.327 ng
RT: 8.013 min Scan# 787
Delta R.T. -0.003 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41

Tgt Ion:146 Resp: 84633
Ion Ratio Lower Upper
146 100
148 64.8 50.6 76.0
75 38.8 25.9 38.9





#13

1,4-Dichlorobenzene

Concen: 38.502 ng

RT: 8.160 min Scan# 812

Delta R.T. 0.003 min

Lab File: BG053088.D

Acq: 8 Apr 2022 17:41

Instrument :

BNA_G

ClientSampleId :

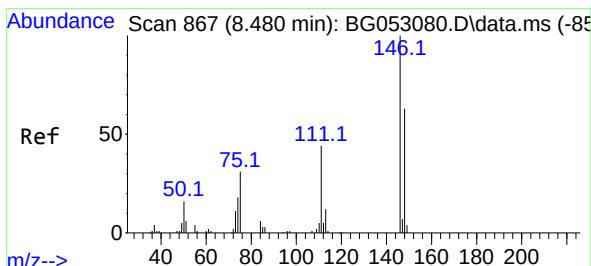
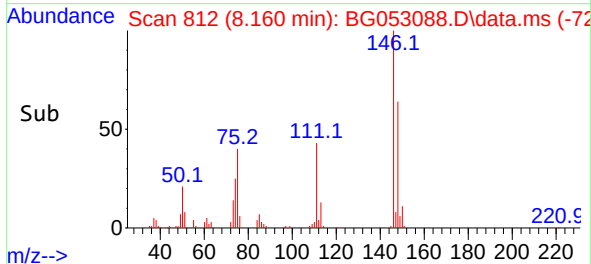
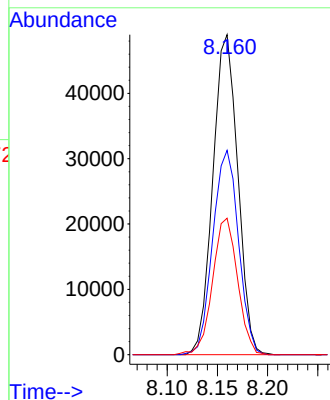
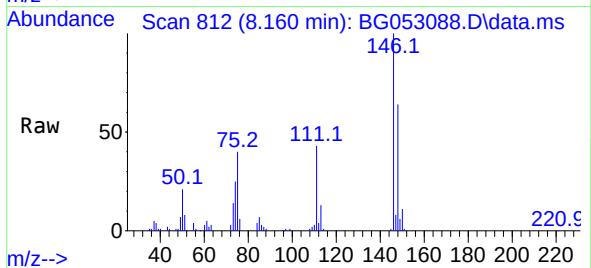
PB143883BS

Tgt Ion:146 Resp: 8447
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.0 75.0
 111 42.6 31.0 46.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/11/2022
 Supervised By :Jagrut Upadhyay 04/11/2022



#14

1,2-Dichlorobenzene

Concen: 40.015 ng

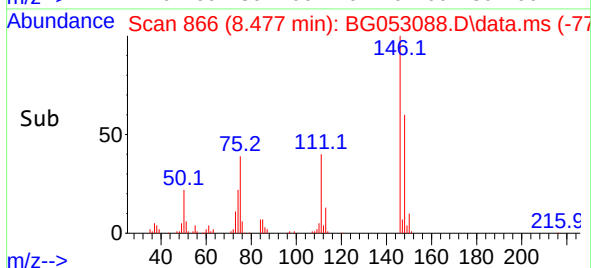
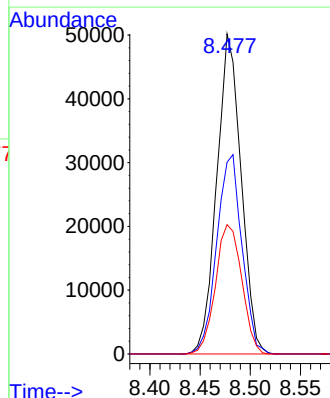
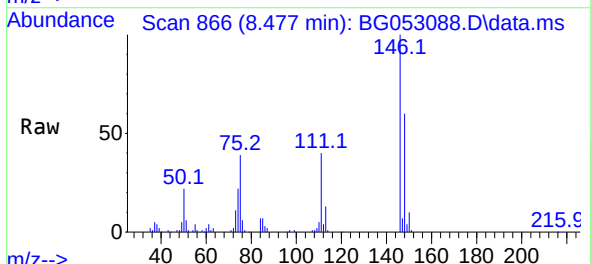
RT: 8.477 min Scan# 866

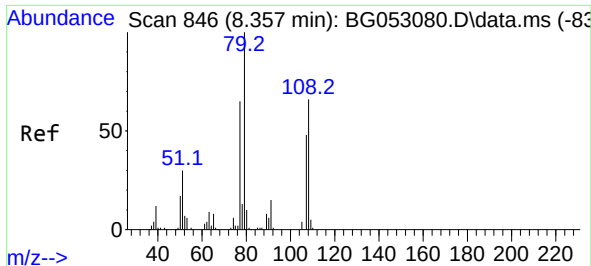
Delta R.T. -0.003 min

Lab File: BG053088.D

Acq: 8 Apr 2022 17:41

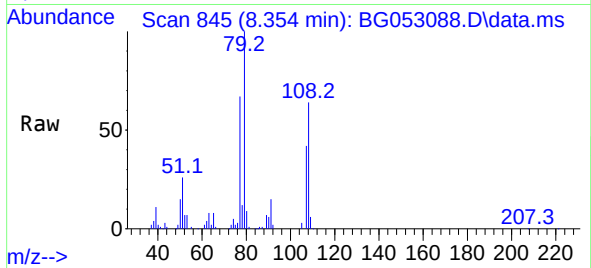
Tgt Ion:146 Resp: 84660
 Ion Ratio Lower Upper
 146 100
 148 59.9 51.0 76.6
 111 40.4 34.7 52.1





#15
Benzyl Alcohol
Concen: 40.572 ng
RT: 8.354 min Scan# 846
Delta R.T. -0.003 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41

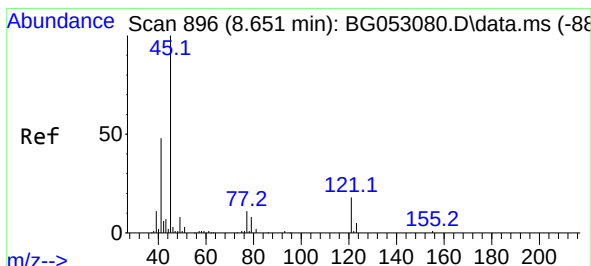
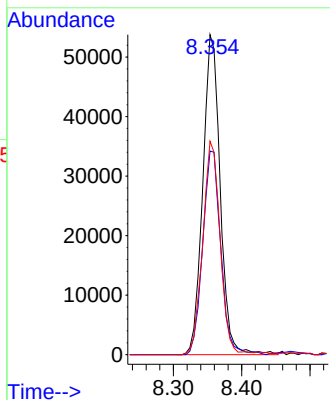
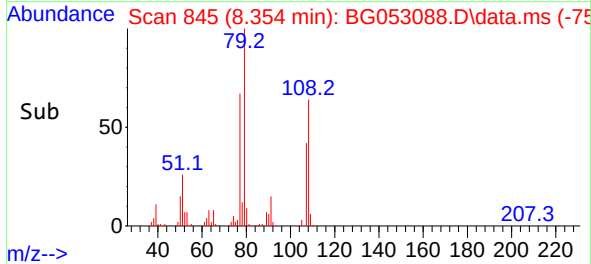
Instrument :
BNA_G
ClientSampleId :
PB143883BS



Tgt Ion: 79 Resp: 95400
Ion Ratio Lower Upper
79 100
108 63.6 55.1 82.7
77 66.7 52.4 78.6

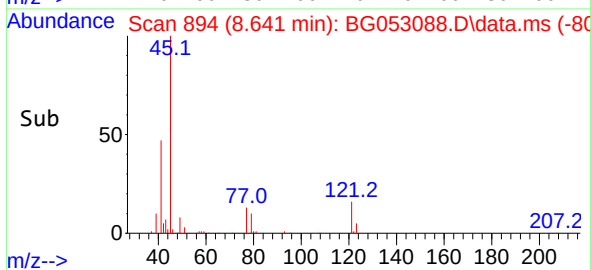
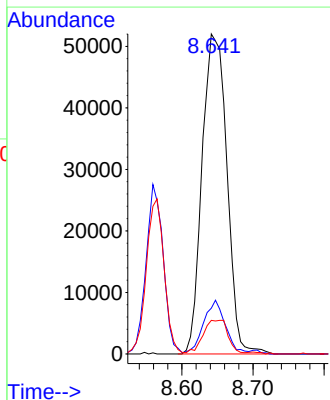
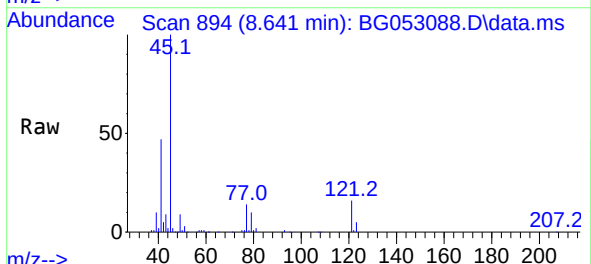
Manual Integrations
APPROVED

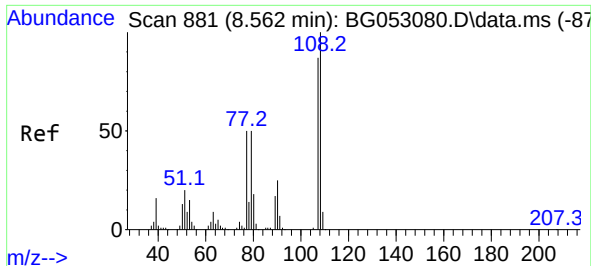
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.897 ng
RT: 8.641 min Scan# 894
Delta R.T. -0.009 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41

Tgt Ion: 45 Resp: 126437
Ion Ratio Lower Upper
45 100
77 14.3 0.0 34.9
79 10.5 0.0 30.7





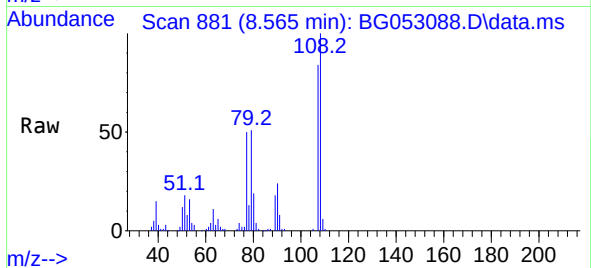
#17
2-Methylphenol
Concen: 42.721 ng
RT: 8.565 min Scan# 881
Delta R.T. 0.003 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41

Instrument :

BNA_G

ClientSampleId :

PB143883BS

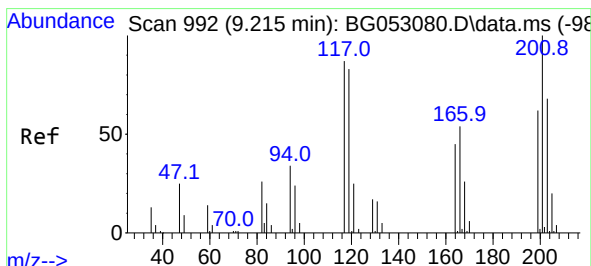
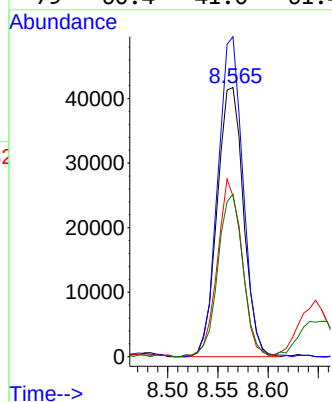


Tgt Ion:107 Resp: 76125
Ion Ratio Lower Upper
107 100
108 118.9 91.5 137.3
77 59.6 42.5 63.7
79 60.4 41.0 61.4

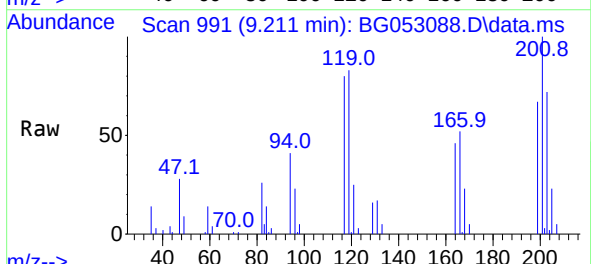
Manual Integrations

APPROVED

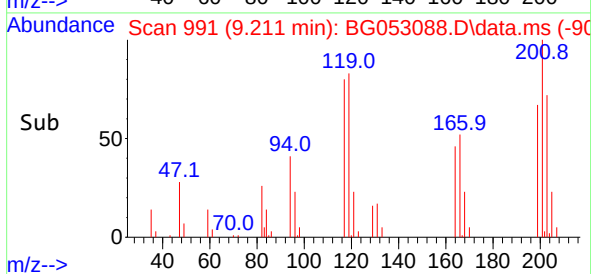
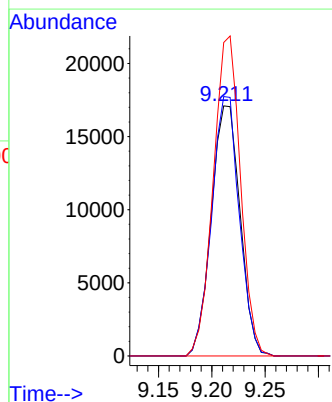
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

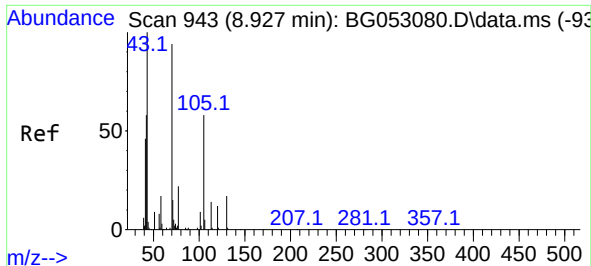


#18
Hexachloroethane
Concen: 38.977 ng
RT: 9.211 min Scan# 991
Delta R.T. -0.003 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41



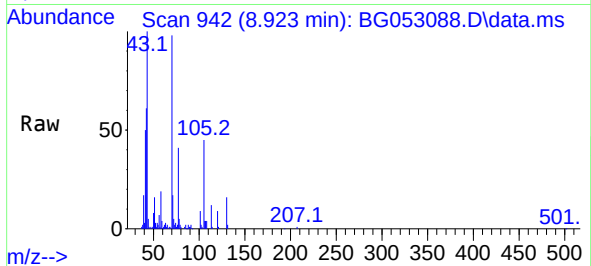
Tgt Ion:117 Resp: 32067
Ion Ratio Lower Upper
117 100
119 103.7 75.1 112.7
201 125.4 96.6 145.0





#19
n-Nitroso-di-n-propylamine
Concen: 39.324 ng
RT: 8.923 min Scan# 943
Delta R.T. -0.003 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41

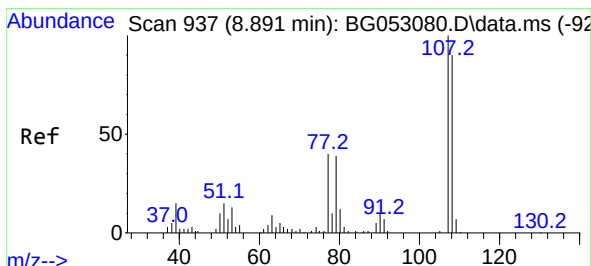
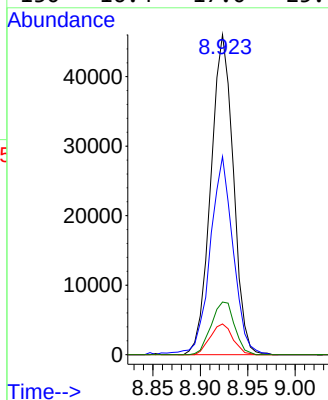
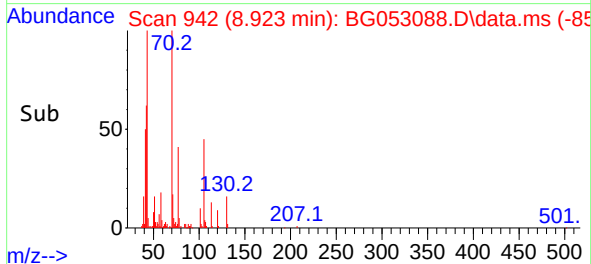
Instrument :
BNA_G
ClientSampleId :
PB143883BS



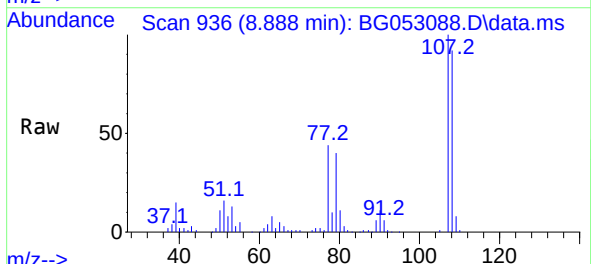
Tgt Ion: 70 Resp: 76160
Ion Ratio Lower Upper
70 100
42 61.9 46.0 69.0
101 9.6 6.2 9.4
130 16.4 17.0 25.4

Manual Integrations
APPROVED

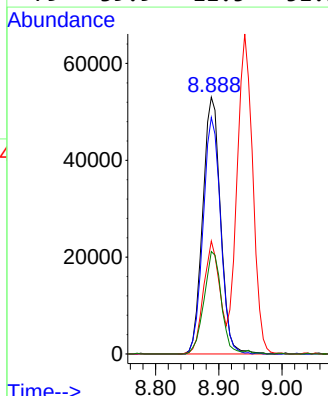
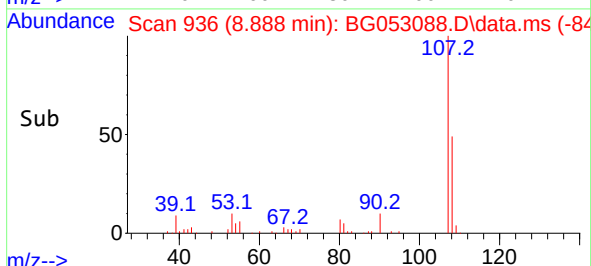
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

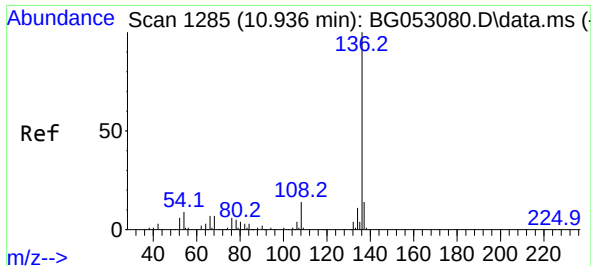


#20
3+4-Methylphenols
Concen: 41.339 ng
RT: 8.888 min Scan# 936
Delta R.T. -0.003 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41



Tgt Ion:107 Resp: 103987
Ion Ratio Lower Upper
107 100
108 92.1 64.8 104.8
77 44.0 15.9 55.9
79 39.9 11.5 51.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.932 min Scan# 1284
Delta R.T. -0.004 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41

Instrument :

BNA_G

ClientSampleId :

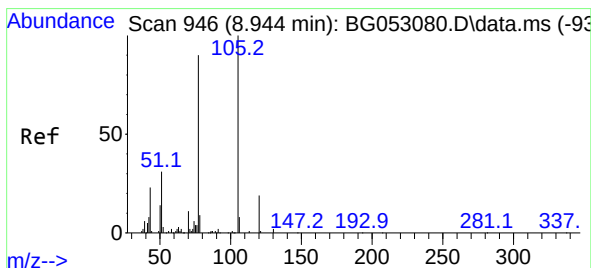
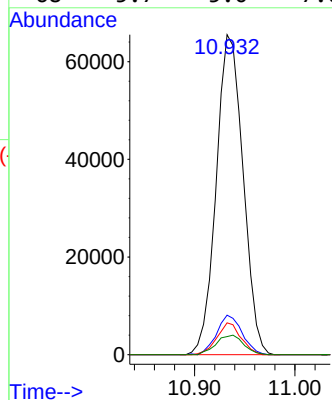
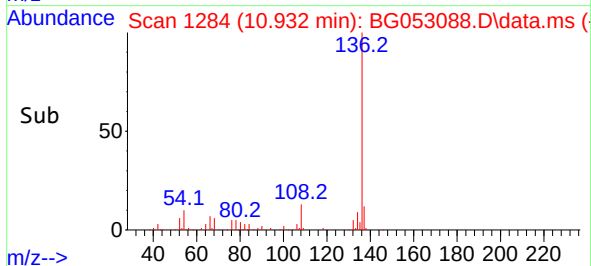
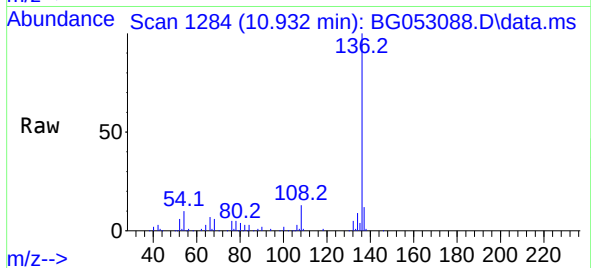
PB143883BS

Tgt Ion:	136	Resp:	121600
Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.4	14.2
54	9.9	6.4	9.6
68	5.7	5.0	7.6

Manual Integrations

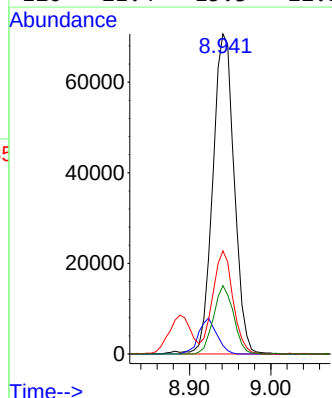
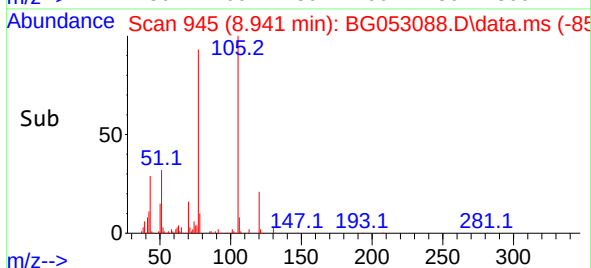
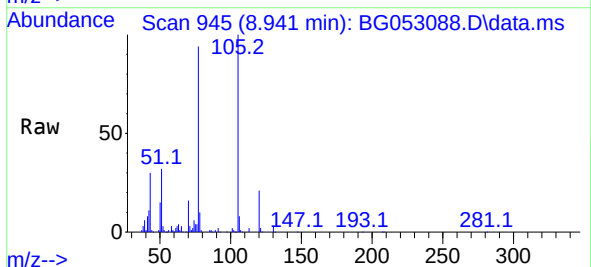
APPROVED

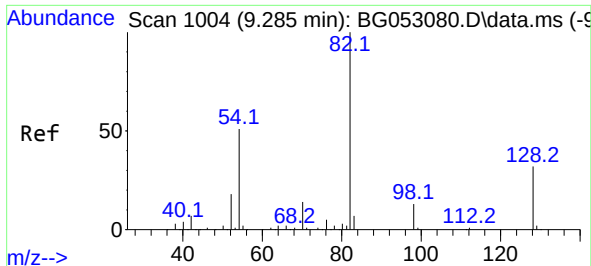
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022



#22
Acetophenone
Concen: 38.226 ng
RT: 8.941 min Scan# 945
Delta R.T. -0.003 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41

Tgt Ion:	105	Resp:	128958
Ion	Ratio	Lower	Upper
105	100		
71	2.7	2.1	3.1
51	32.2	21.9	32.9
120	21.4	15.3	22.9





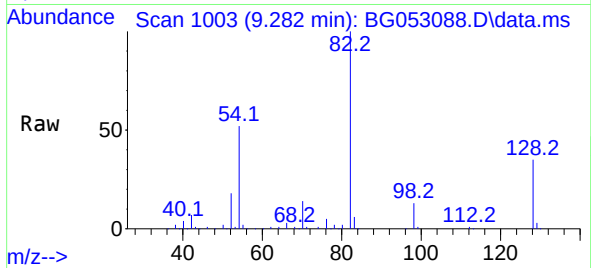
#23
Nitrobenzene-d5
Concen: 75.962 ng
RT: 9.282 min Scan# 1003
Delta R.T. -0.003 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41

Instrument :

BNA_G

ClientSampleId :

PB143883BS

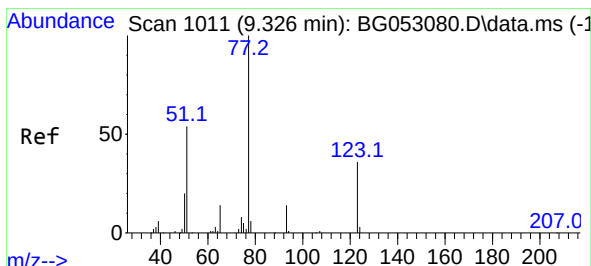
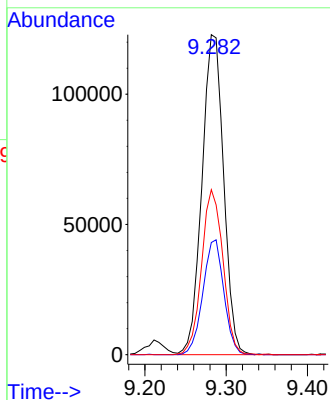
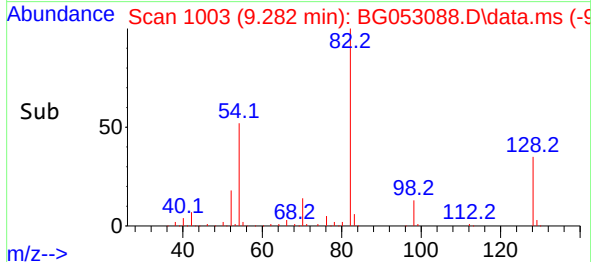


Tgt Ion: 82 Resp: 227495
Ion Ratio Lower Upper
82 100
128 35.1 31.3 46.9
54 51.6 37.8 56.8

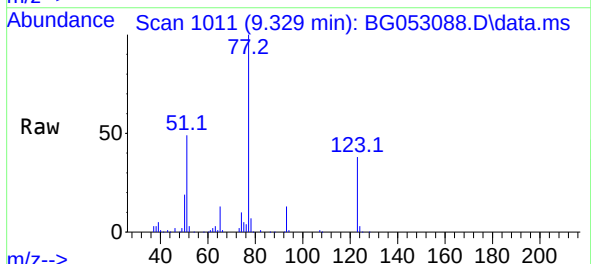
Manual Integrations

APPROVED

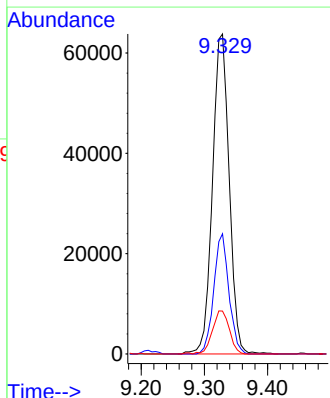
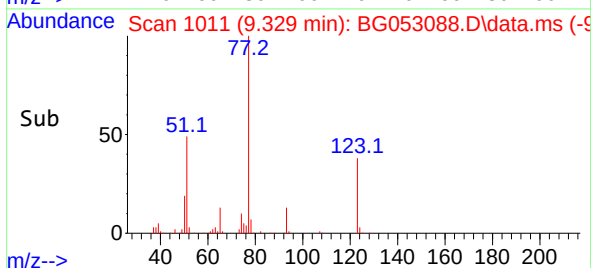
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

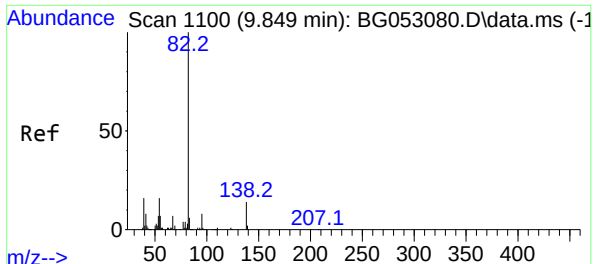


#24
Nitrobenzene
Concen: 40.163 ng
RT: 9.329 min Scan# 1011
Delta R.T. 0.003 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41



Tgt Ion: 77 Resp: 116994
Ion Ratio Lower Upper
77 100
123 37.6 34.4 51.6
65 13.4 11.2 16.8





#25
Isophorone
Concen: 41.145 ng
RT: 9.851 min Scan# 1100
Delta R.T. 0.003 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41

Instrument :

BNA_G

ClientSampleId :

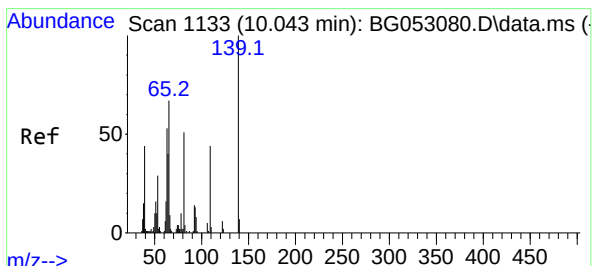
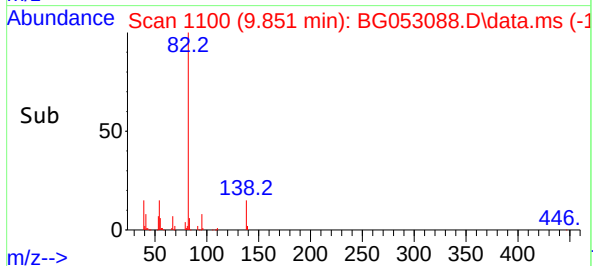
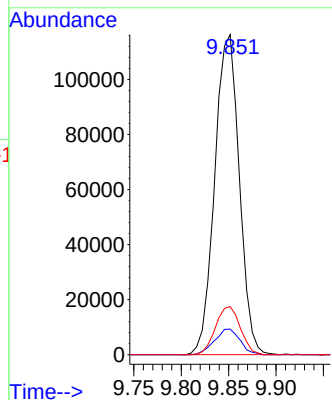
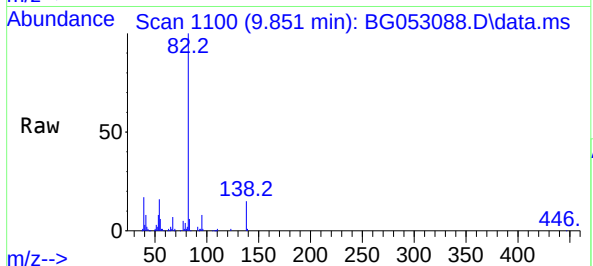
PB143883BS

Tgt Ion: 82 Resp: 20944
Ion Ratio Lower Upper
82 100
95 8.0 5.8 8.6
138 15.1 12.6 18.8

Manual Integrations

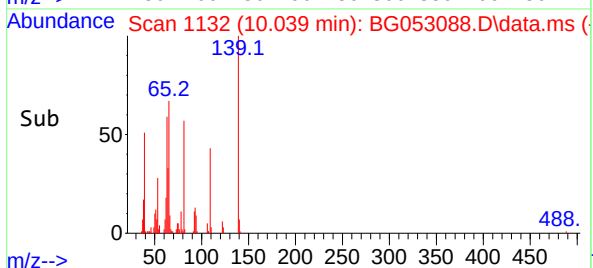
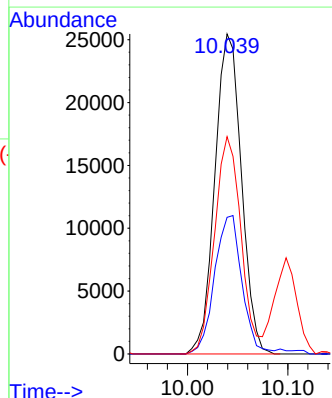
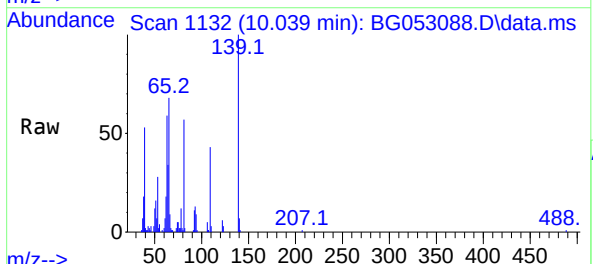
APPROVED

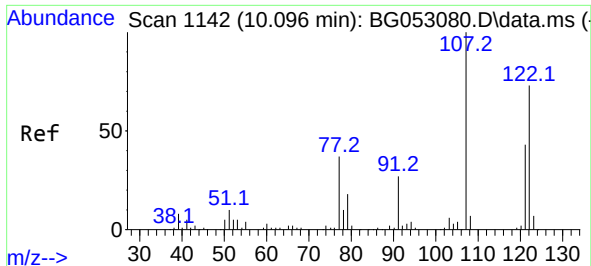
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022



#26
2-Nitrophenol
Concen: 38.395 ng
RT: 10.039 min Scan# 1132
Delta R.T. -0.003 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41

Tgt Ion:139 Resp: 46769
Ion Ratio Lower Upper
139 100
109 42.7 29.4 44.0
65 67.9 48.2 72.2





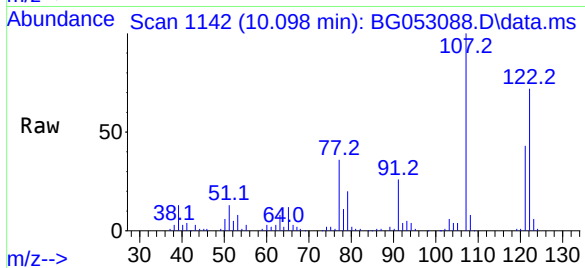
#27
2,4-Dimethylphenol
Concen: 47.201 ng
RT: 10.098 min Scan# 1142
Delta R.T. 0.003 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41

Instrument :

BNA_G

ClientSampleId :

PB143883BS

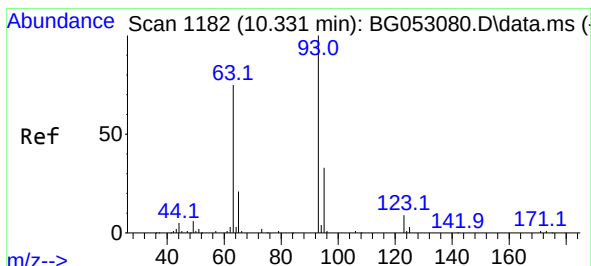
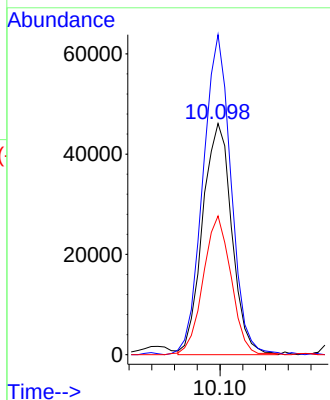
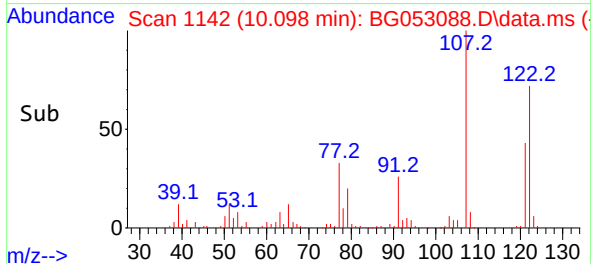


Tgt Ion:122 Resp: 8234
Ion Ratio Lower Upper
122 100
107 138.4 96.7 145.1
121 60.0 46.3 69.5

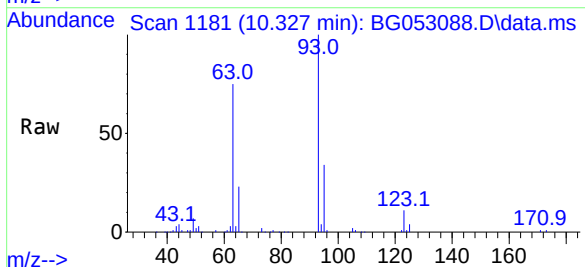
Manual Integrations

APPROVED

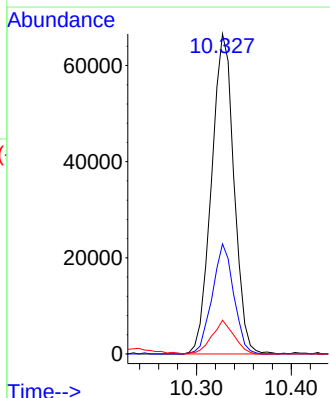
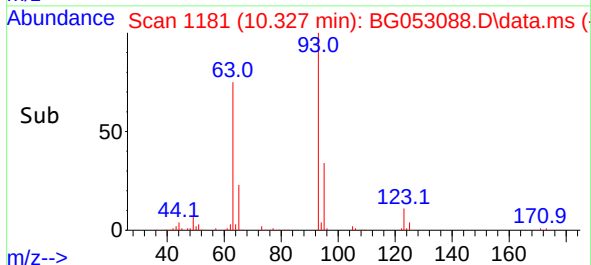
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

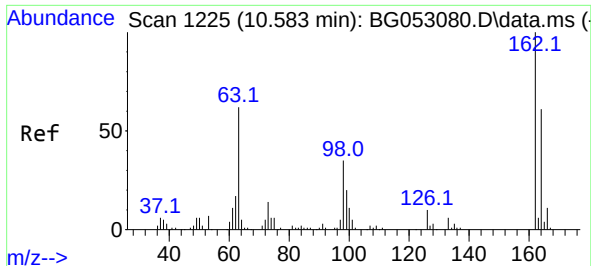


#28
bis(2-Chloroethoxy)methane
Concen: 38.315 ng
RT: 10.327 min Scan# 1181
Delta R.T. -0.003 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41



Tgt Ion: 93 Resp: 109573
Ion Ratio Lower Upper
93 100
95 34.4 26.5 39.7
123 10.5 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 41.439 ng

RT: 10.580 min Scan# 1225

Delta R.T. -0.003 min

Lab File: BG053088.D

Acq: 8 Apr 2022 17:41

Instrument :

BNA_G

ClientSampleId :

PB143883BS

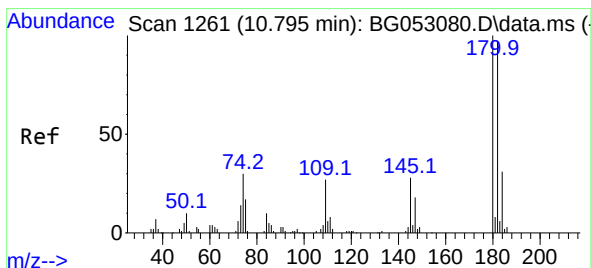
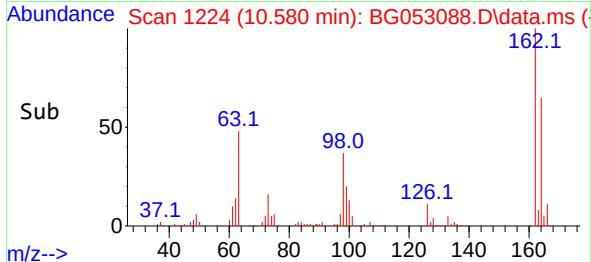
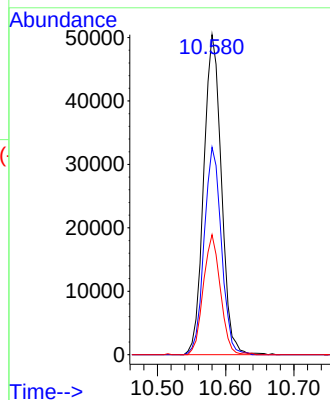
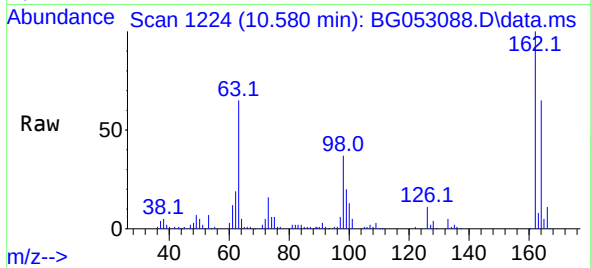
Tgt Ion:162 Resp: 90880
 Ion Ratio Lower Upper
 162 100
 164 64.8 44.0 84.0
 98 37.5 17.3 57.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/11/2022

Supervised By :Jagrut Upadhyay 04/11/2022



#30

1,2,4-Trichlorobenzene

Concen: 37.966 ng

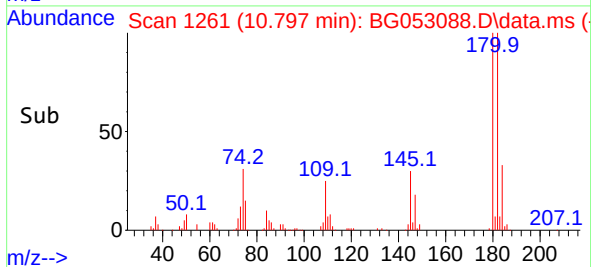
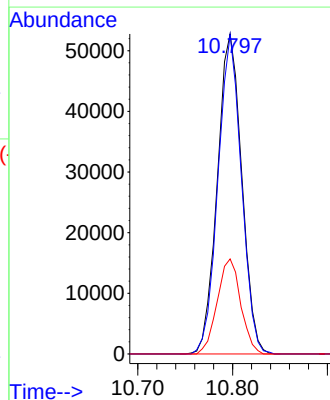
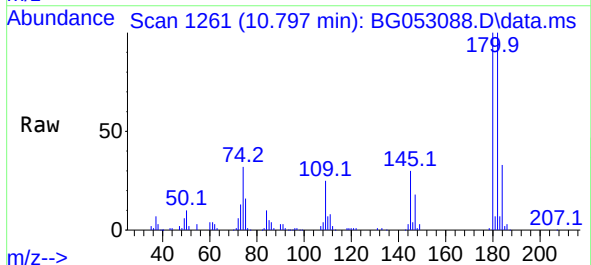
RT: 10.797 min Scan# 1261

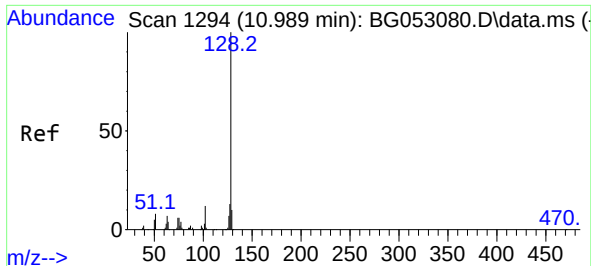
Delta R.T. 0.003 min

Lab File: BG053088.D

Acq: 8 Apr 2022 17:41

Tgt Ion:180 Resp: 94239
 Ion Ratio Lower Upper
 180 100
 182 99.8 77.8 116.6
 145 29.7 24.4 36.6





#31
Naphthalene
Concen: 39.018 ng
RT: 10.985 min Scan# 1294
Delta R.T. -0.003 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41

Instrument :

BNA_G

ClientSampleId :

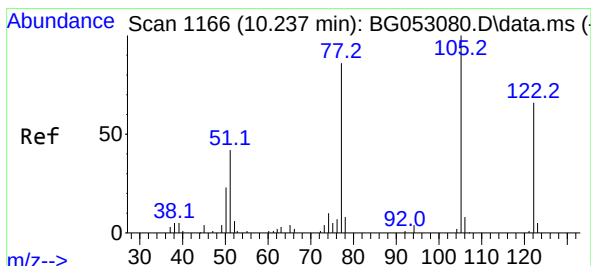
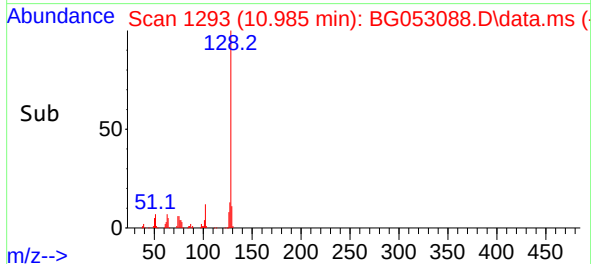
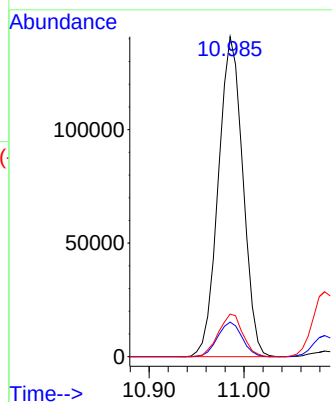
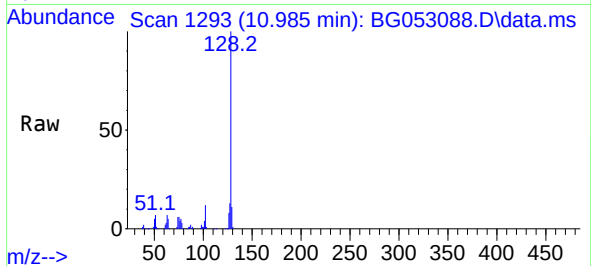
PB143883BS

Tgt Ion:128 Resp: 25313
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.3 10.5 15.7

Manual Integrations

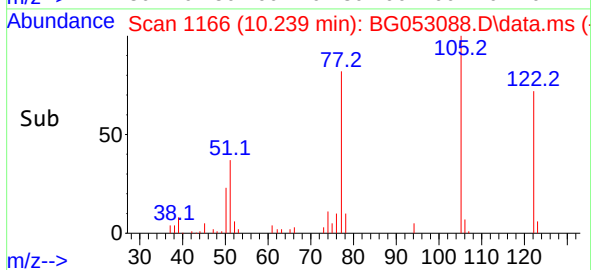
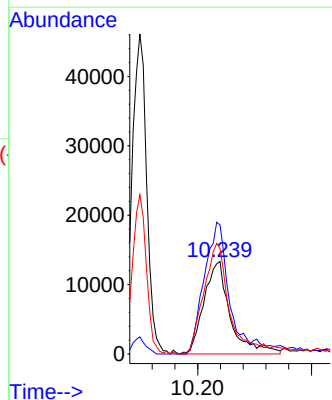
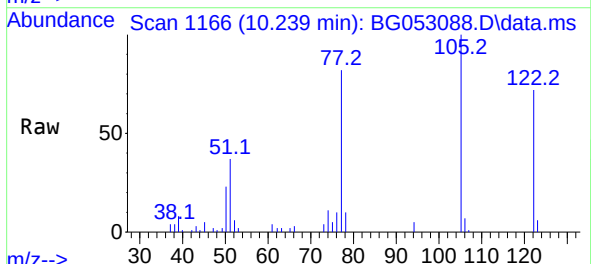
APPROVED

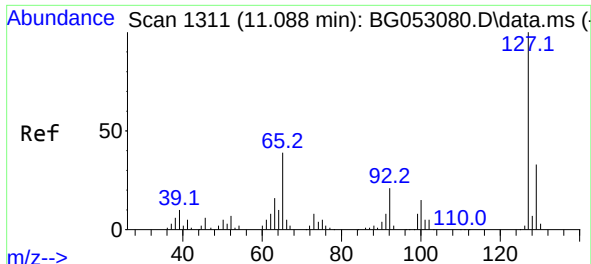
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022



#32
Benzoic acid
Concen: 38.408 ng
RT: 10.239 min Scan# 1166
Delta R.T. 0.002 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41

Tgt Ion:122 Resp: 42716
Ion Ratio Lower Upper
122 100
105 139.7 112.8 152.8
77 114.1 78.4 118.4





#33
4-Chloroaniline
Concen: 19.981 ng
RT: 11.085 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41

Instrument :

BNA_G

ClientSampleId :

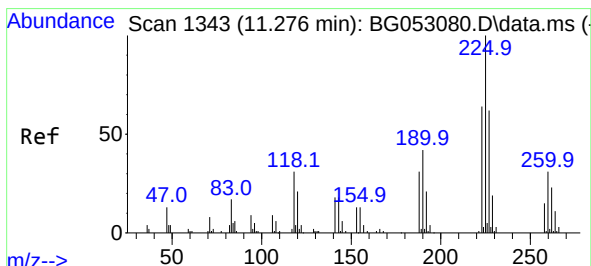
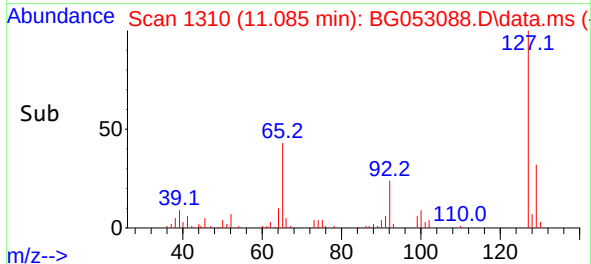
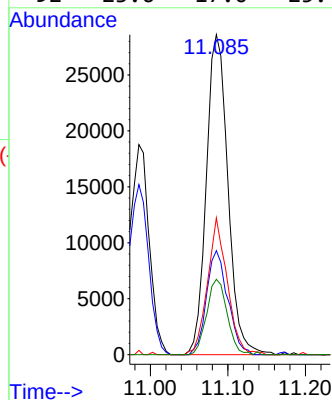
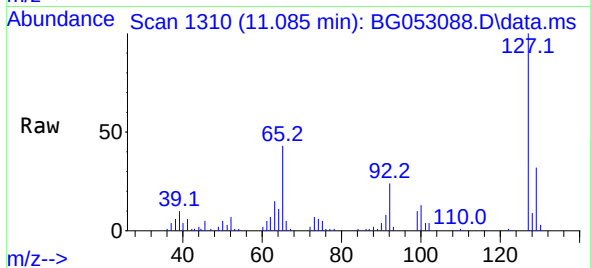
PB143883BS

Tgt Ion:127 Resp: 5551
Ion Ratio Lower Upper
127 100
129 32.5 27.6 41.4
65 42.7 28.2 42.4
92 23.6 17.0 25.4

Manual Integrations

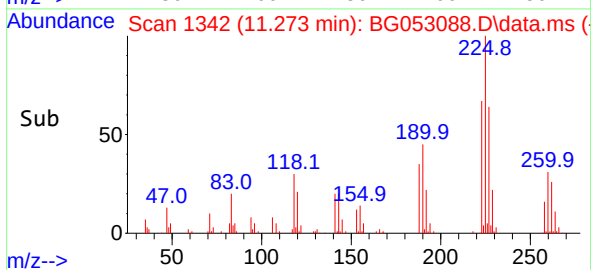
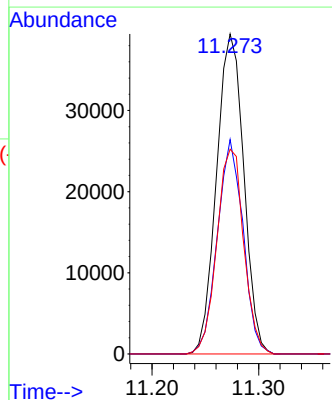
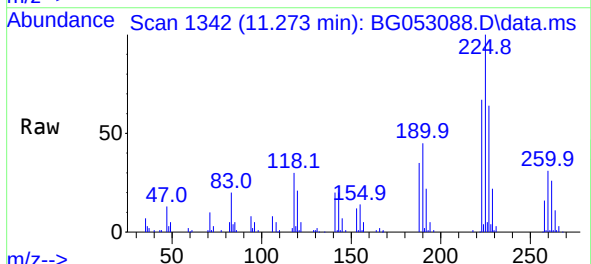
APPROVED

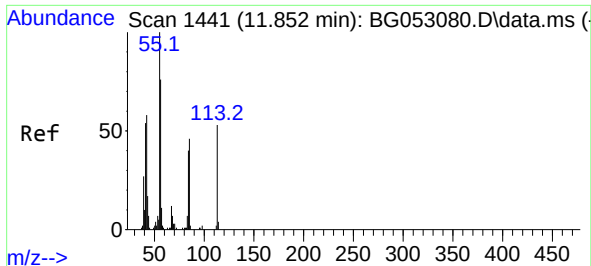
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022



#34
Hexachlorobutadiene
Concen: 37.908 ng
RT: 11.273 min Scan# 1342
Delta R.T. -0.003 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41

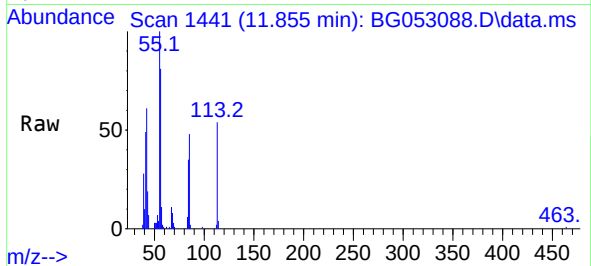
Tgt Ion:225 Resp: 69896
Ion Ratio Lower Upper
225 100
223 67.0 50.2 75.2
227 64.0 52.0 78.0





#35
Caprolactam
Concen: 39.672 ng m
RT: 11.855 min Scan# 1441
Delta R.T. 0.003 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41

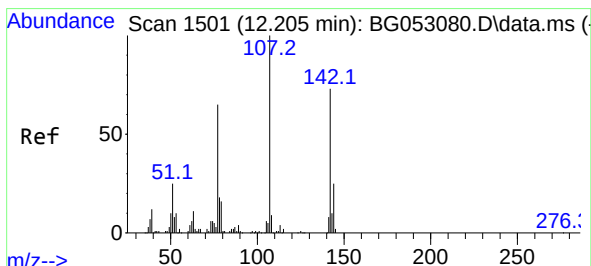
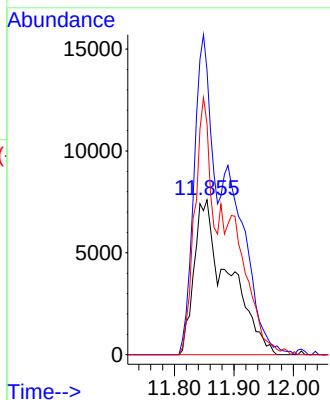
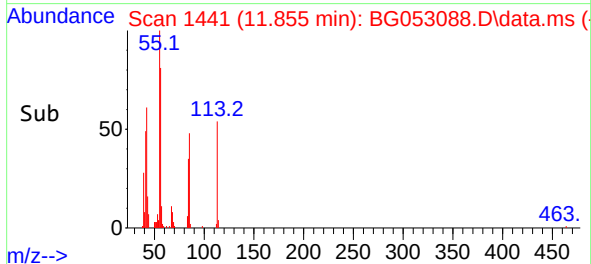
Instrument :
BNA_G
ClientSampleId :
PB143883BS



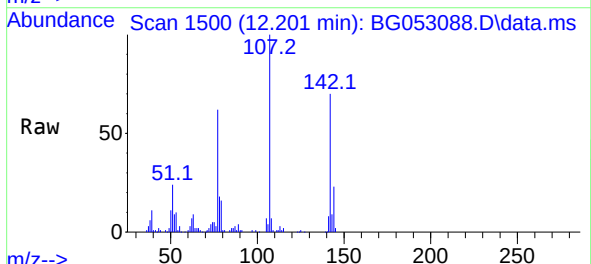
Tgt Ion:113 Resp: 3066
Ion Ratio Lower Upper
113 100
55 183.7 151.3 191.3
56 149.1 128.5 168.5

Manual Integrations
APPROVED

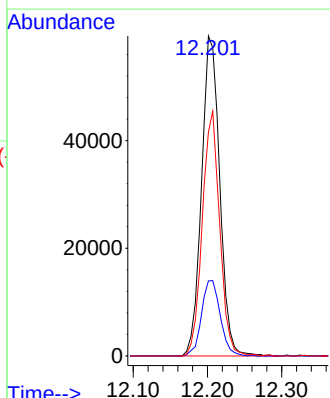
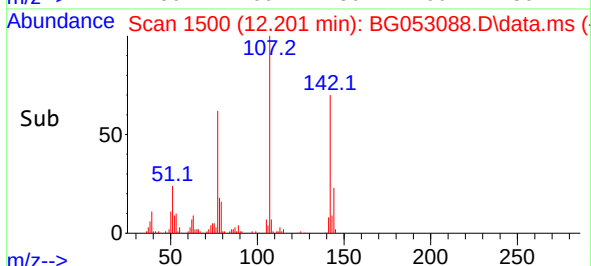
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

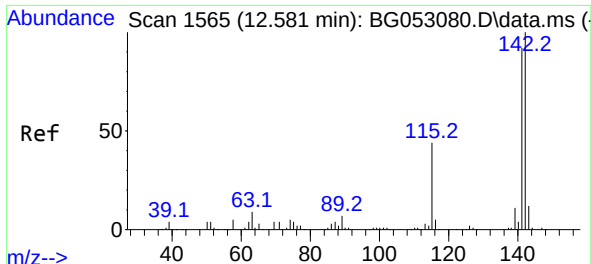


#36
4-Chloro-3-methylphenol
Concen: 39.682 ng
RT: 12.201 min Scan# 1500
Delta R.T. -0.003 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41



Tgt Ion:107 Resp: 101318
Ion Ratio Lower Upper
107 100
144 23.5 21.4 32.0
142 70.0 61.7 92.5





#37
2-Methylnaphthalene
Concen: 38.811 ng
RT: 12.583 min Scan# 1565
Delta R.T. 0.003 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41

Instrument :

BNA_G

ClientSampleId :

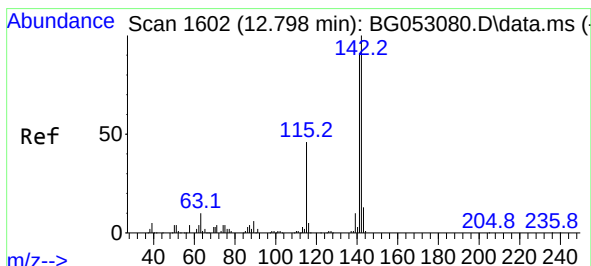
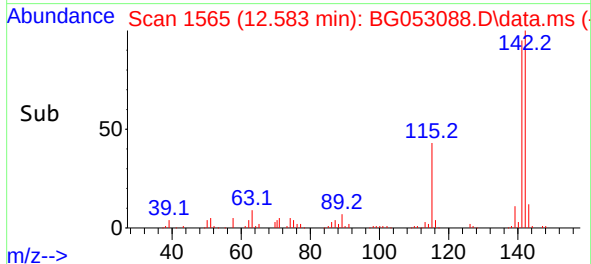
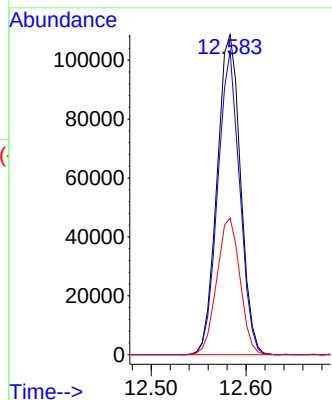
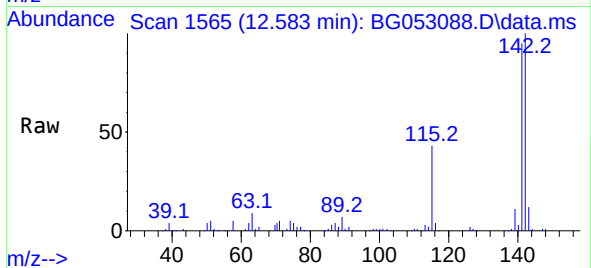
PB143883BS

Tgt Ion:142 Resp: 18631
Ion Ratio Lower Upper
142 100
141 94.9 71.3 106.9
115 42.6 29.5 44.3

Manual Integrations

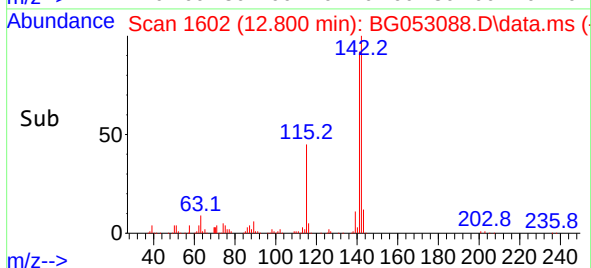
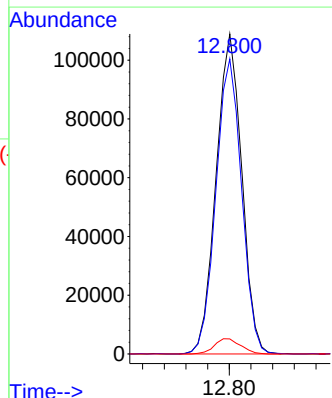
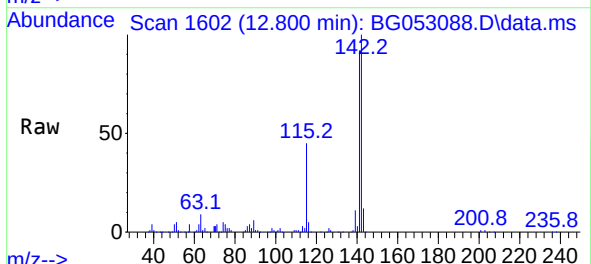
APPROVED

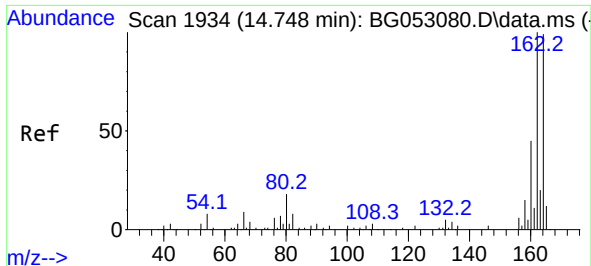
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022



#38
1-Methylnaphthalene
Concen: 38.257 ng m
RT: 12.800 min Scan# 1602
Delta R.T. 0.003 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41

Tgt Ion:142 Resp: 179269
Ion Ratio Lower Upper
142 100
141 92.2 70.5 105.7
116 4.7 3.1 4.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.745 min Scan# 1934

Delta R.T. -0.003 min

Lab File: BG053088.D

Acq: 8 Apr 2022 17:41

Instrument :

BNA_G

ClientSampleId :

PB143883BS

Tgt Ion:164 Resp: 92290

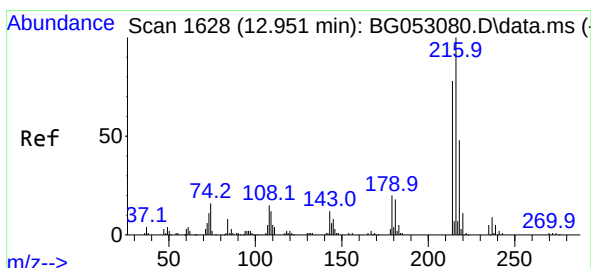
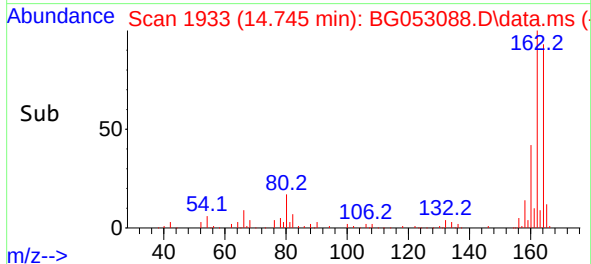
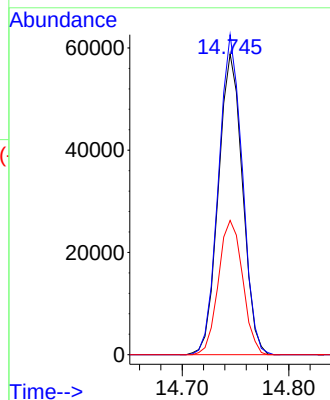
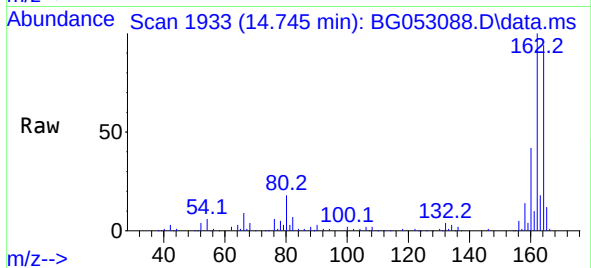
Ion	Ratio	Lower	Upper
164	100		
162	106.4	80.0	120.0
160	44.6	38.8	58.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/11/2022

Supervised By :Jagrut Upadhyay 04/11/2022



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.678 ng

RT: 12.947 min Scan# 1627

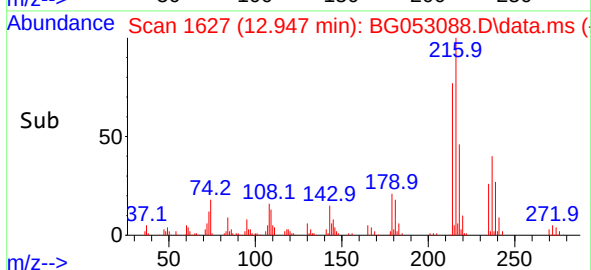
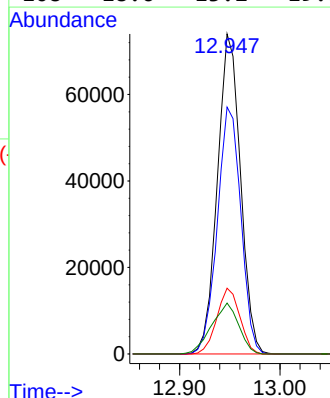
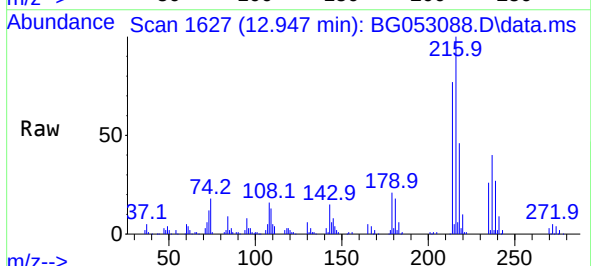
Delta R.T. -0.003 min

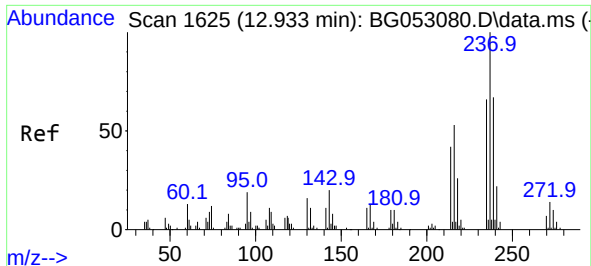
Lab File: BG053088.D

Acq: 8 Apr 2022 17:41

Tgt Ion:216 Resp: 118110

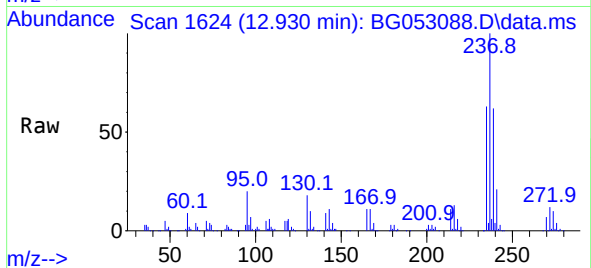
Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.8	95.6
179	20.5	15.7	23.5
108	18.6	13.2	19.8





#41
Hexachlorocyclopentadiene
Concen: 97.719 ng
RT: 12.930 min Scan# 1624
Delta R.T. -0.003 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41

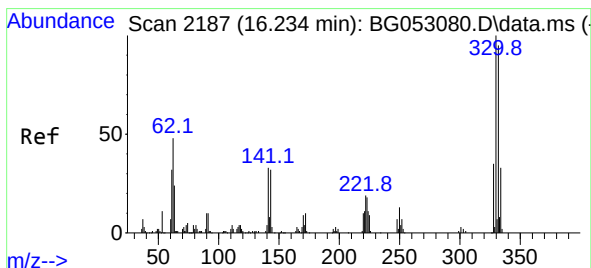
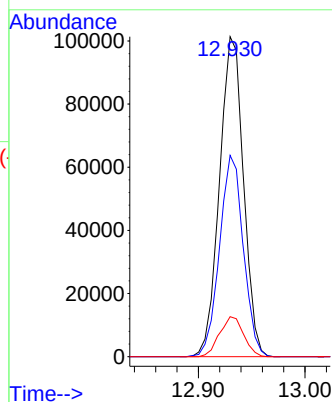
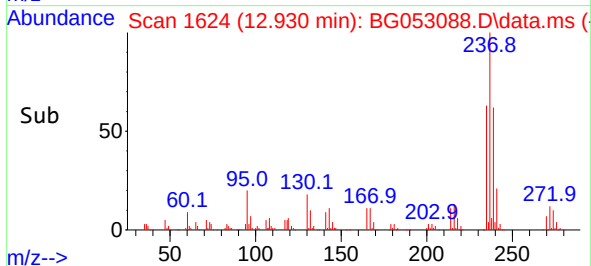
Instrument :
BNA_G
ClientSampleId :
PB143883BS



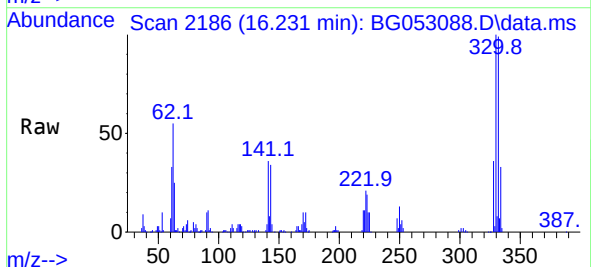
Tgt Ion:237 Resp: 158129
Ion Ratio Lower Upper
237 100
235 62.9 37.7 77.7
272 12.5 0.0 30.7

Manual Integrations
APPROVED

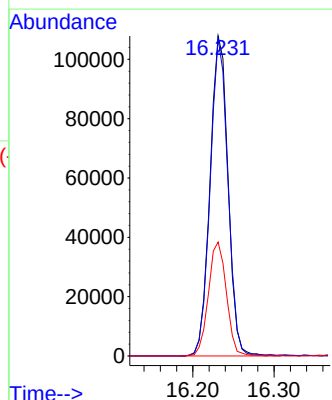
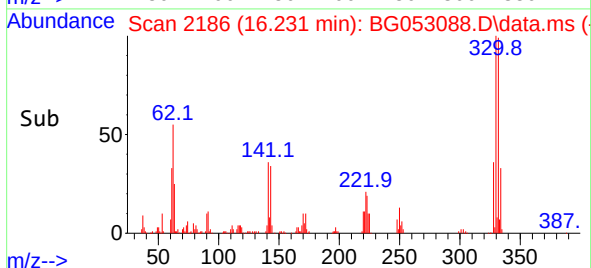
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

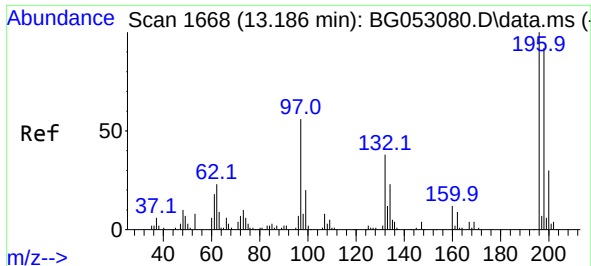


#42
2,4,6-Tribromophenol
Concen: 112.977 ng
RT: 16.231 min Scan# 2186
Delta R.T. -0.003 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41



Tgt Ion:330 Resp: 165895
Ion Ratio Lower Upper
330 100
332 97.6 75.8 113.6
141 35.5 24.6 36.8





#43
2,4,6-Trichlorophenol
Concen: 38.739 ng
RT: 13.182 min Scan# 1667
Delta R.T. -0.003 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41

Instrument :

BNA_G

ClientSampleId :

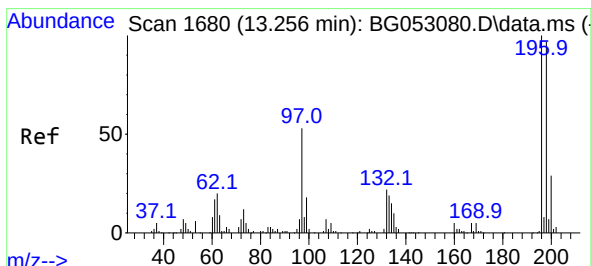
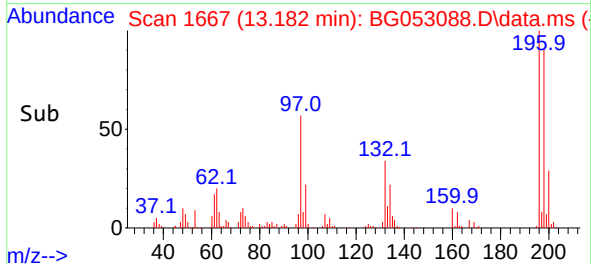
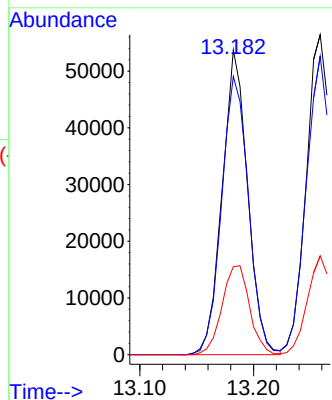
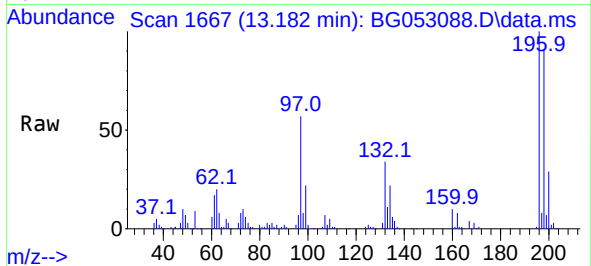
PB143883BS

Tgt Ion:196 Resp: 83720
Ion Ratio Lower Upper
196 100
198 91.3 78.8 118.2
200 28.9 25.1 37.7

Manual Integrations

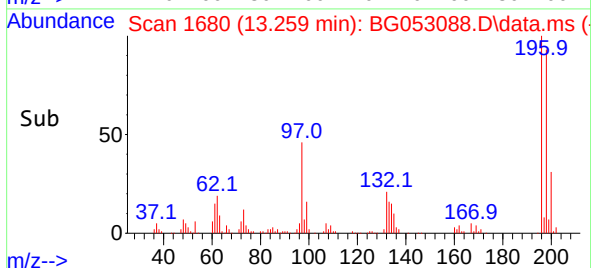
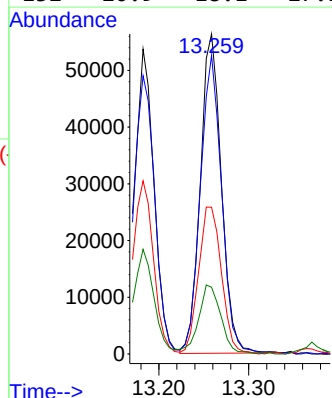
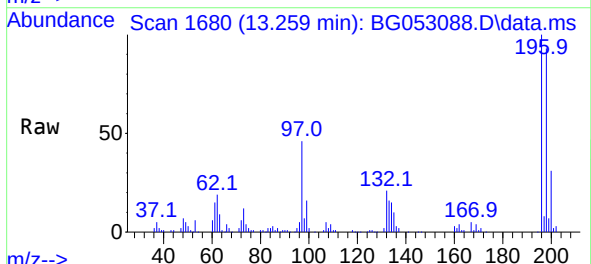
APPROVED

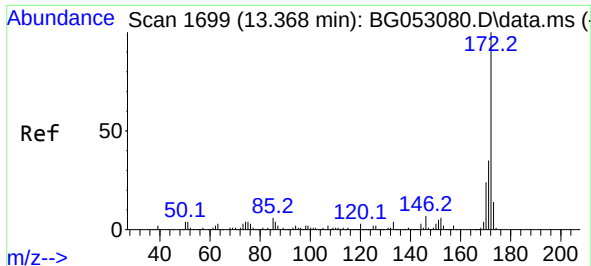
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022



#44
2,4,5-Trichlorophenol
Concen: 39.731 ng
RT: 13.259 min Scan# 1680
Delta R.T. 0.003 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41

Tgt Ion:196 Resp: 91503
Ion Ratio Lower Upper
196 100
198 93.3 75.8 113.6
97 45.9 36.5 54.7
132 20.9 18.1 27.1





#45
2-Fluorobiphenyl
Concen: 74.776 ng
RT: 13.370 min Scan# 1699
Delta R.T. 0.003 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41

Instrument :

BNA_G

ClientSampleId :

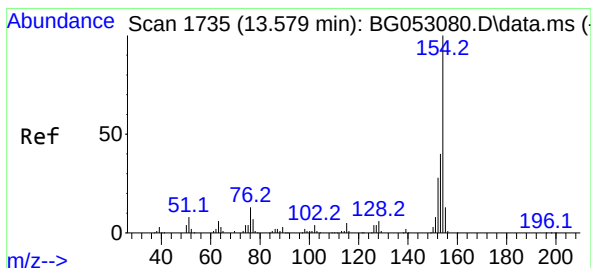
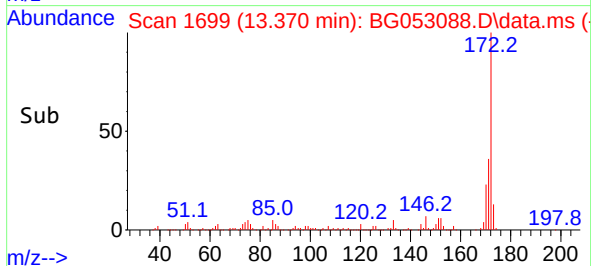
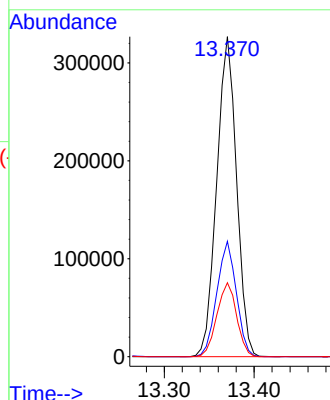
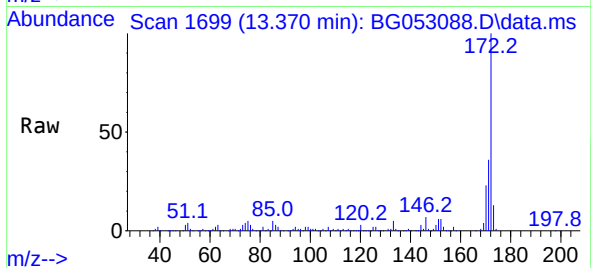
PB143883BS

Tgt Ion:172 Resp: 500500
Ion Ratio Lower Upper
172 100
171 36.0 28.3 42.5
170 23.1 18.0 27.0

Manual Integrations

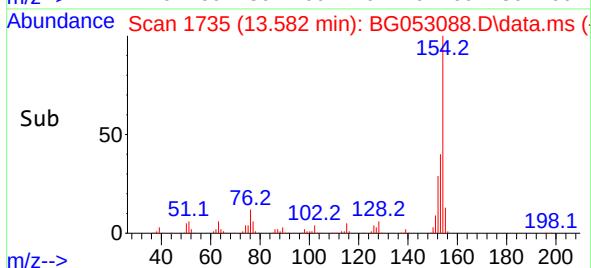
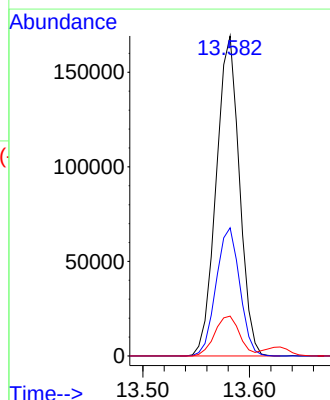
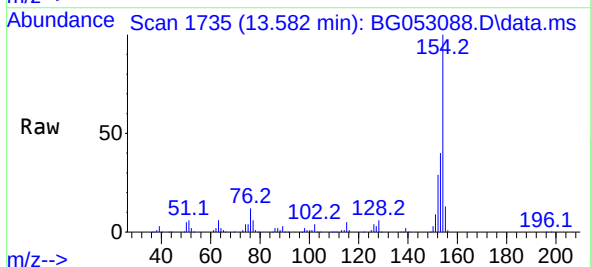
APPROVED

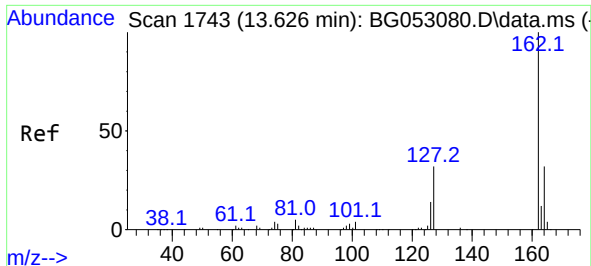
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022



#46
1,1'-Biphenyl
Concen: 38.417 ng
RT: 13.582 min Scan# 1735
Delta R.T. 0.003 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41

Tgt Ion:154 Resp: 255341
Ion Ratio Lower Upper
154 100
153 40.1 21.6 61.6
76 12.4 0.0 31.5





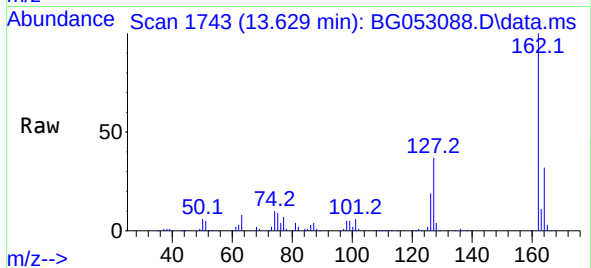
#47
2-Chloronaphthalene
Concen: 38.123 ng
RT: 13.629 min Scan# 1743
Delta R.T. 0.003 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41

Instrument :

BNA_G

ClientSampleId :

PB143883BS

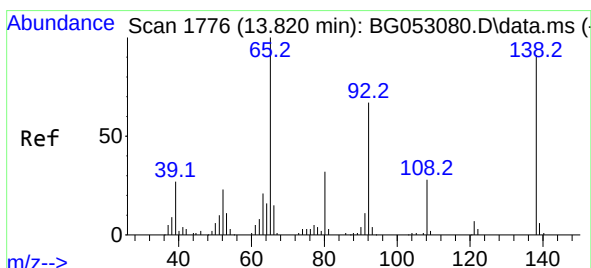
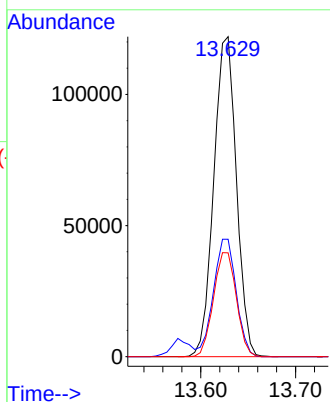
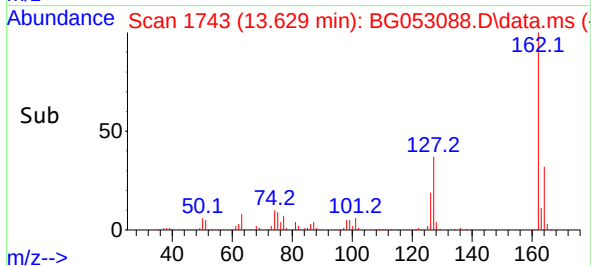


Tgt Ion:162 Resp: 202150
Ion Ratio Lower Upper
162 100
127 36.7 28.1 42.1
164 32.4 26.0 39.0

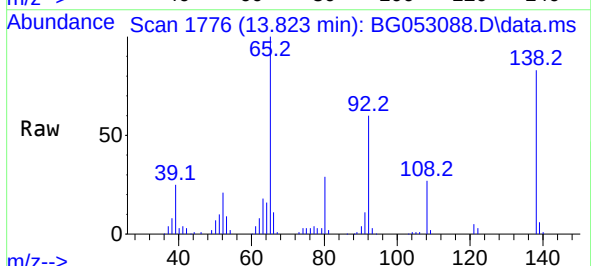
Manual Integrations

APPROVED

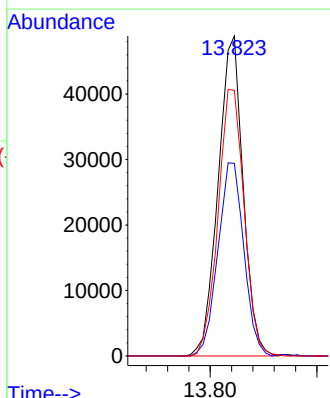
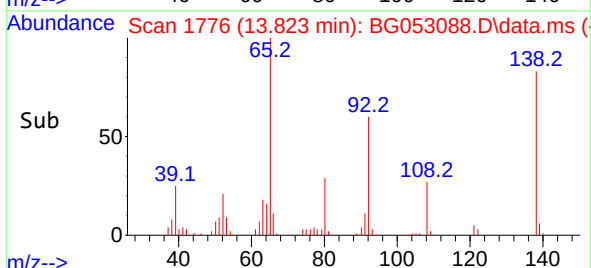
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

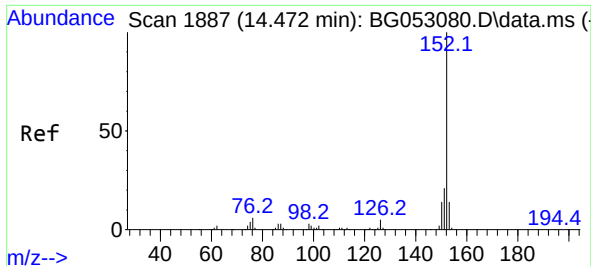


#48
2-Nitroaniline
Concen: 39.405 ng
RT: 13.823 min Scan# 1776
Delta R.T. 0.003 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41



Tgt Ion: 65 Resp: 79299
Ion Ratio Lower Upper
65 100
92 60.2 52.1 78.1
138 83.0 80.1 120.1





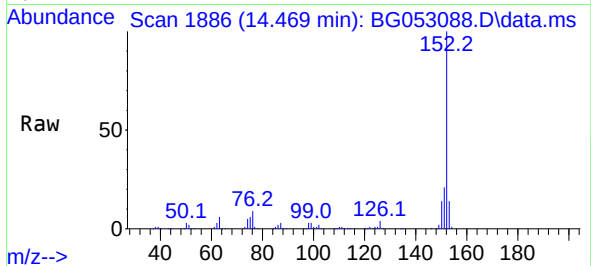
#49
Acenaphthylene
Concen: 41.828 ng
RT: 14.469 min Scan# 1886
Delta R.T. -0.003 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41

Instrument :

BNA_G

ClientSampleId :

PB143883BS

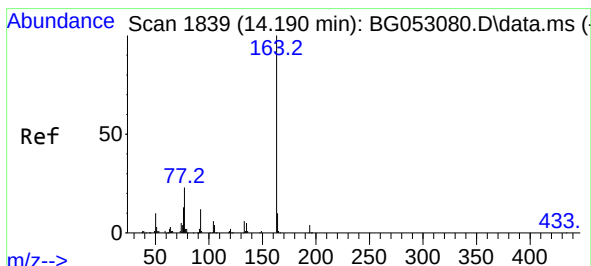
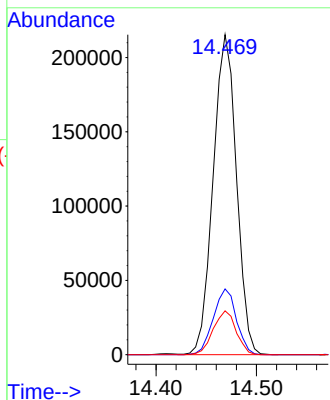
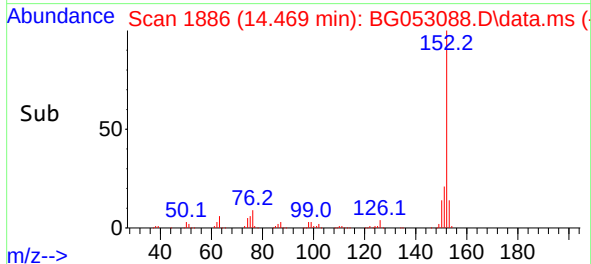


Tgt Ion:152 Resp: 34721
Ion Ratio Lower Upper
152 100
151 20.6 15.8 23.6
153 13.7 10.6 15.8

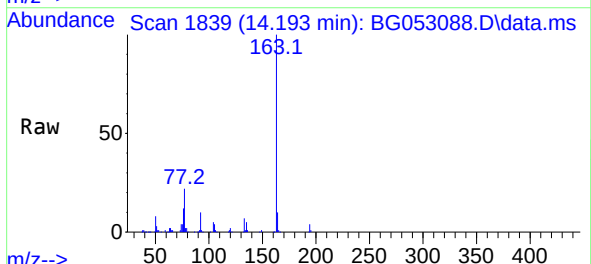
Manual Integrations

APPROVED

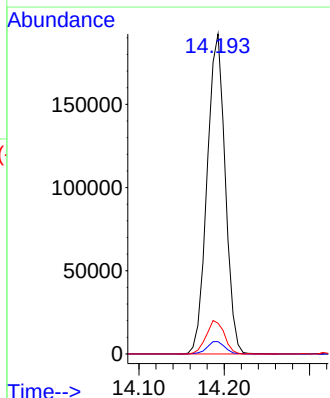
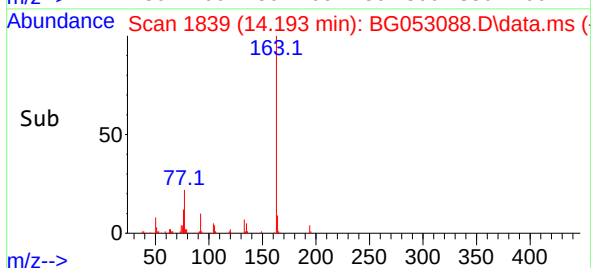
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

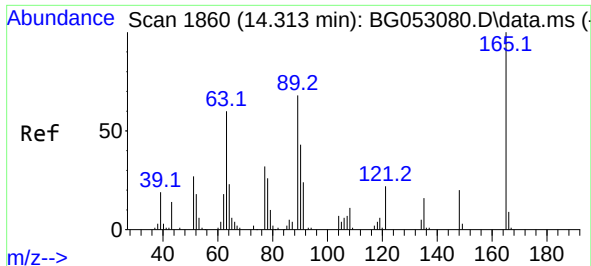


#50
Dimethylphthalate
Concen: 38.407 ng
RT: 14.193 min Scan# 1839
Delta R.T. 0.003 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41



Tgt Ion:163 Resp: 283527
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 9.6 8.5 12.7





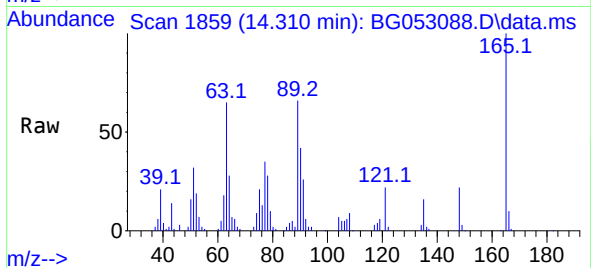
#51
2,6-Dinitrotoluene
Concen: 40.483 ng
RT: 14.310 min Scan# 1860
Delta R.T. -0.003 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41

Instrument :

BNA_G

ClientSampleId :

PB143883BS

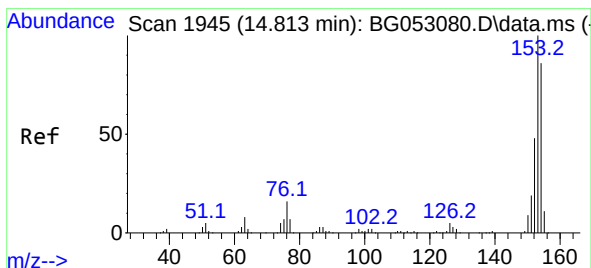
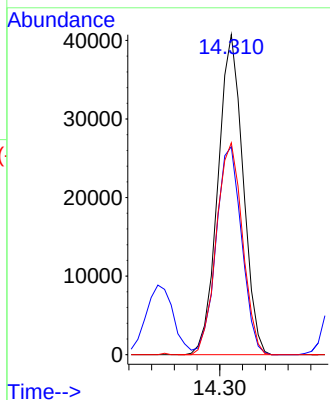
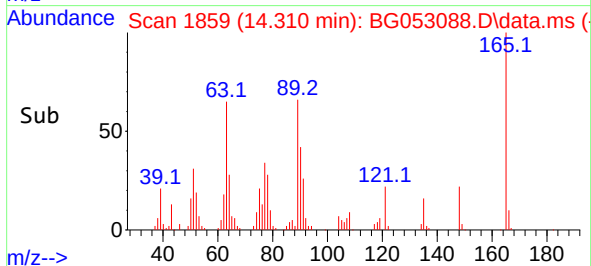


Tgt Ion:165 Resp: 62340
Ion Ratio Lower Upper
165 100
63 65.0 43.7 65.5
89 66.2 45.0 67.4

Manual Integrations

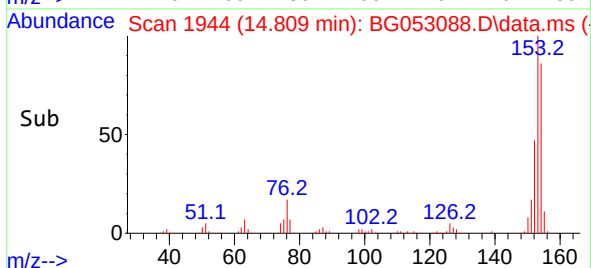
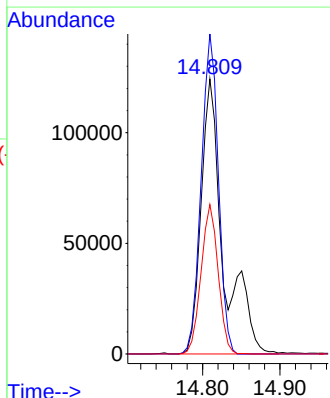
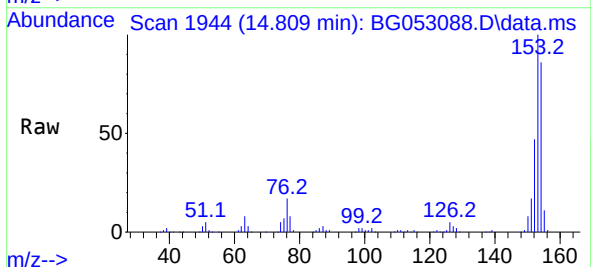
APPROVED

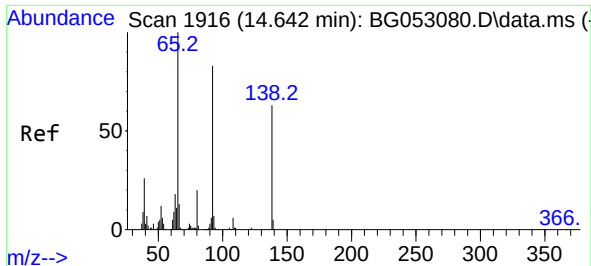
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022



#52
Acenaphthene
Concen: 44.427 ng m
RT: 14.809 min Scan# 1944
Delta R.T. -0.003 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41

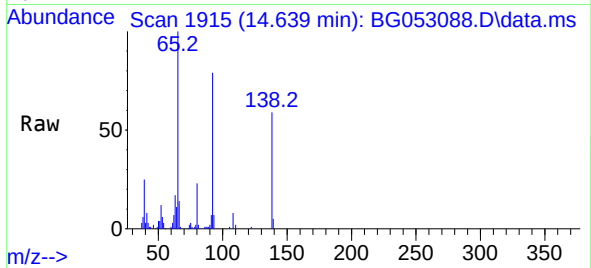
Tgt Ion:154 Resp: 250094
Ion Ratio Lower Upper
154 100
153 116.3 89.0 133.4
152 54.3 40.5 60.7





#53
3-Nitroaniline
Concen: 25.582 ng
RT: 14.639 min Scan# 1915
Delta R.T. -0.003 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41

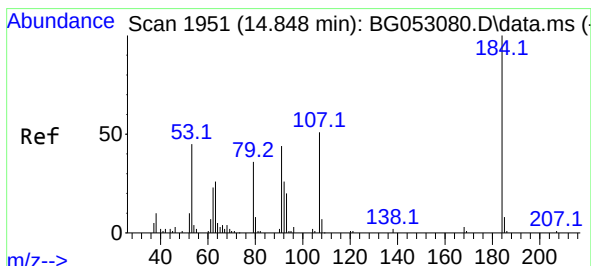
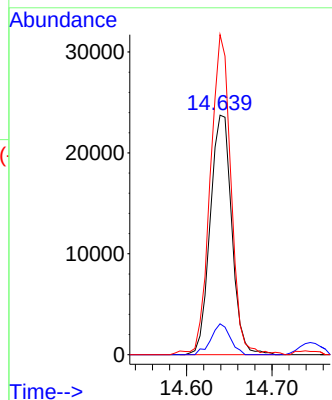
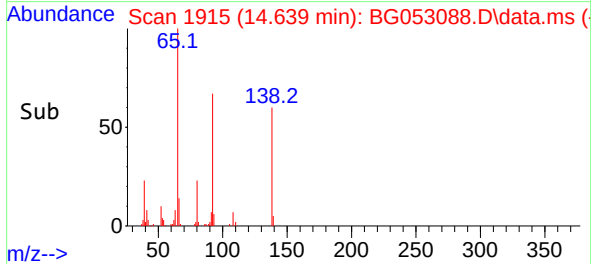
Instrument :
BNA_G
ClientSampleId :
PB143883BS



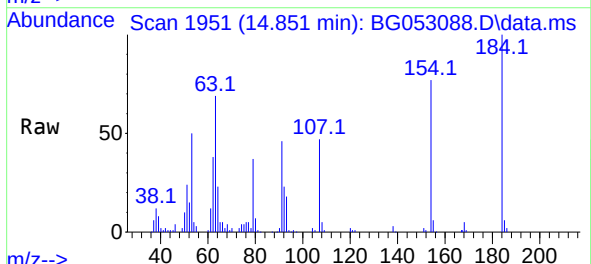
Tgt Ion:138 Resp: 41659
Ion Ratio Lower Upper
138 100
108 12.9 8.0 12.0
92 133.6 96.2 144.2

Manual Integrations
APPROVED

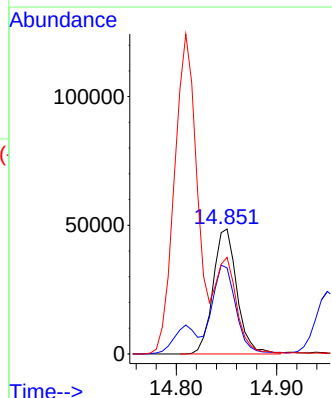
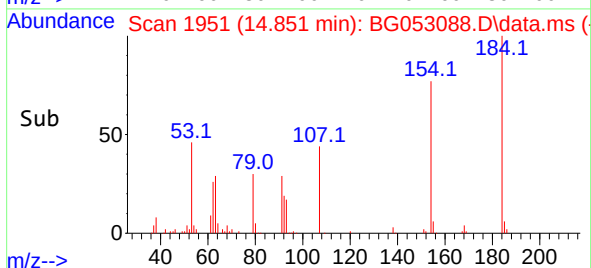
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

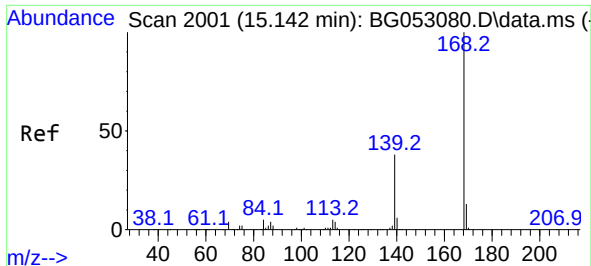


#54
2,4-Dinitrophenol
Concen: 81.598 ng
RT: 14.851 min Scan# 1951
Delta R.T. 0.003 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41



Tgt Ion:184 Resp: 79959
Ion Ratio Lower Upper
184 100
63 69.0 51.8 77.6
154 77.4 47.8 71.6#





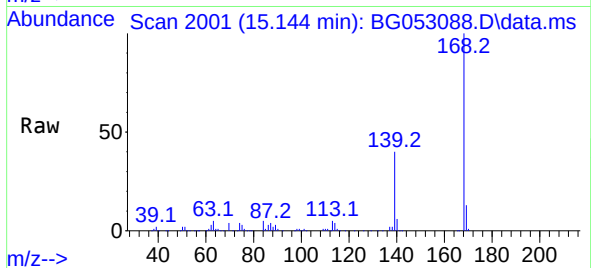
#55
Dibenzenofuran
Concen: 37.269 ng
RT: 15.144 min Scan# 2001
Delta R.T. 0.003 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41

Instrument :

BNA_G

ClientSampleId :

PB143883BS

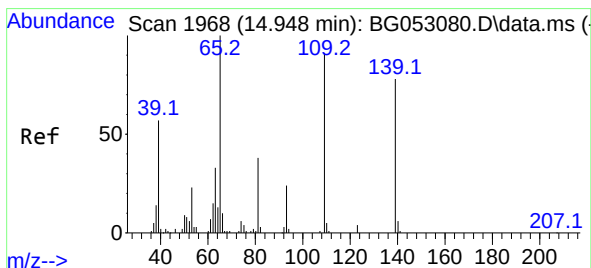
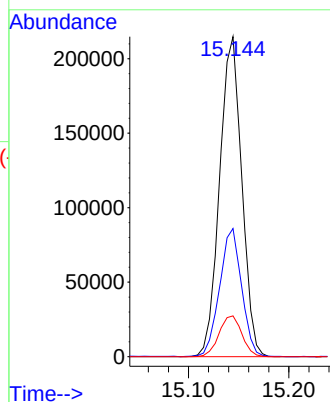
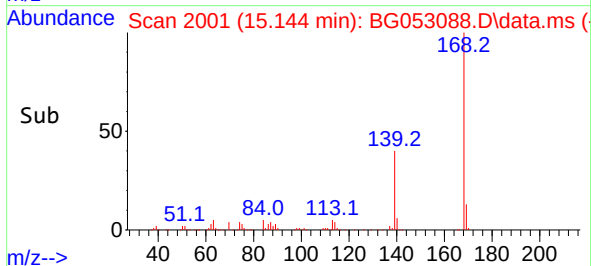


Tgt Ion:168 Resp: 328510
Ion Ratio Lower Upper
168 100
139 40.1 30.2 45.4
169 12.8 10.7 16.1

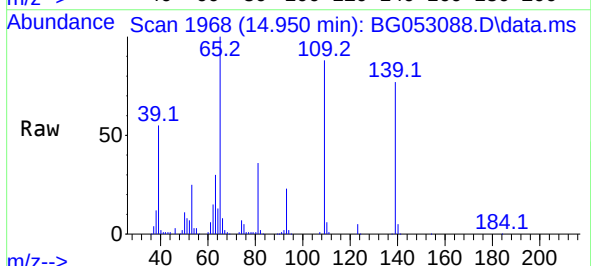
Manual Integrations

APPROVED

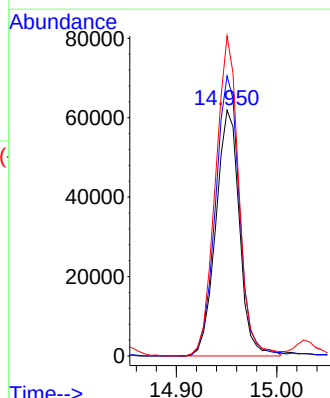
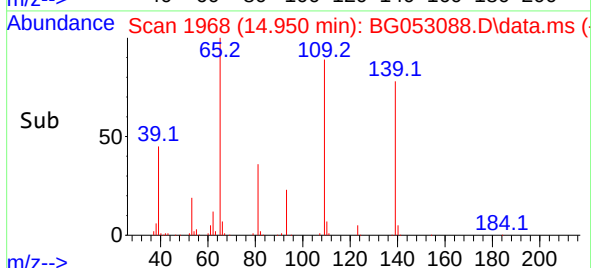
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

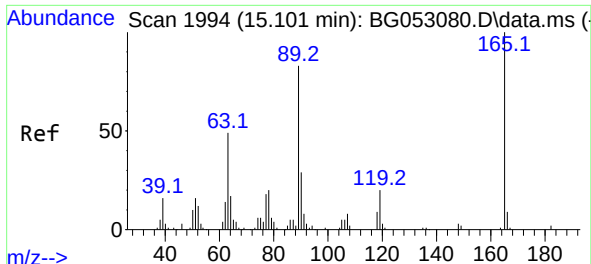


#56
4-Nitrophenol
Concen: 81.402 ng
RT: 14.950 min Scan# 1968
Delta R.T. 0.003 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41



Tgt Ion:139 Resp: 101100
Ion Ratio Lower Upper
139 100
109 114.0 67.1 107.1#
65 130.2 88.2 128.2#





#57
2,4-Dinitrotoluene
Concen: 40.697 ng
RT: 15.097 min Scan# 1993
Delta R.T. -0.003 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41

Instrument :

BNA_G

ClientSampleId :

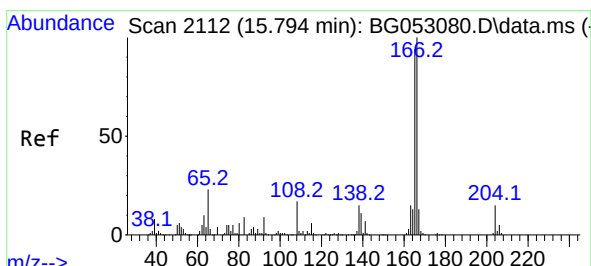
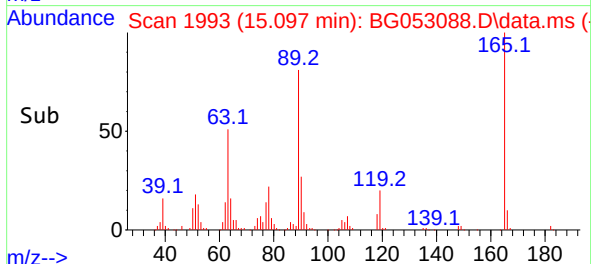
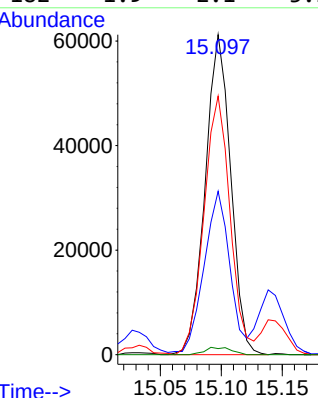
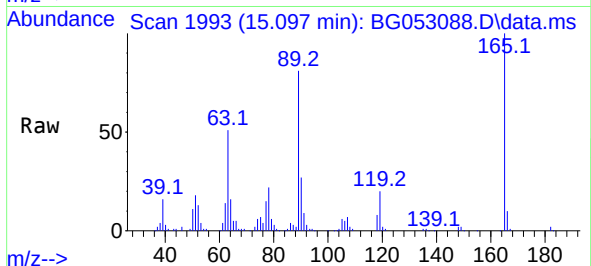
PB143883BS

Tgt Ion:165 Resp: 8923
Ion Ratio Lower Upper
165 100
63 51.0 34.8 52.2
89 80.8 57.4 86.0
182 1.9 2.1 3.1#

Manual Integrations

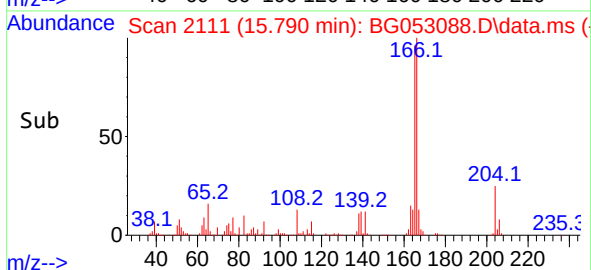
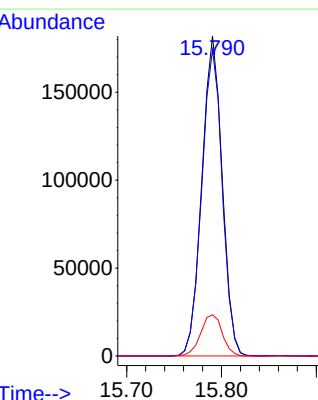
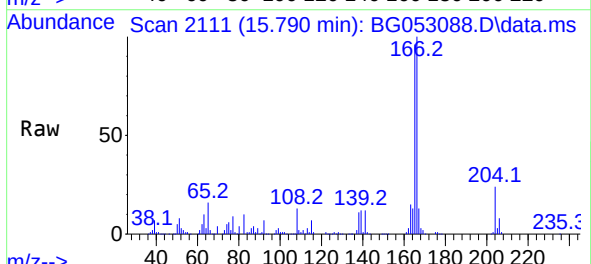
APPROVED

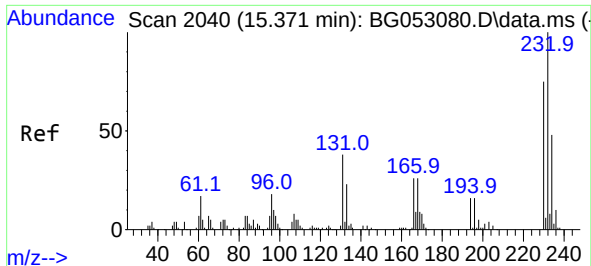
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022



#58
Fluorene
Concen: 37.975 ng
RT: 15.790 min Scan# 2111
Delta R.T. -0.003 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41

Tgt Ion:166 Resp: 270352
Ion Ratio Lower Upper
166 100
165 95.7 78.6 117.8
167 12.8 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 37.579 ng
RT: 15.368 min Scan# 2040
Delta R.T. -0.003 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41

Instrument :

BNA_G

ClientSampleId :

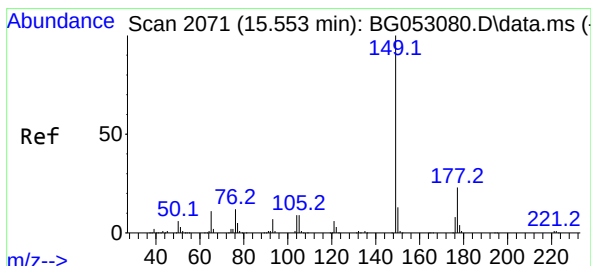
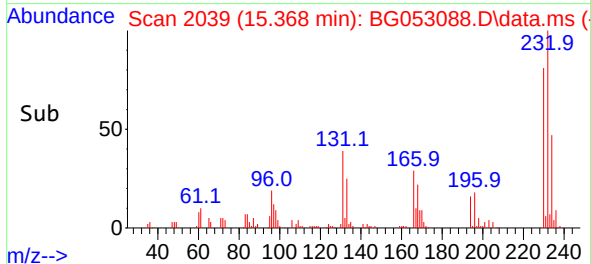
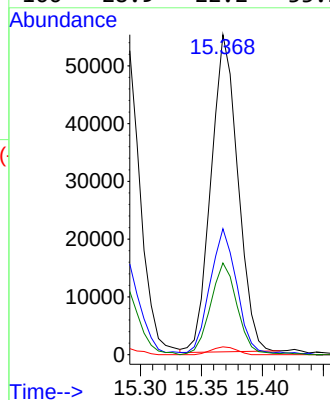
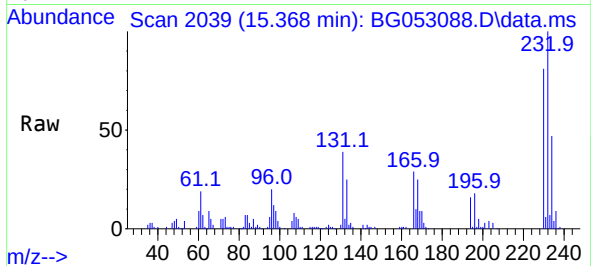
PB143883BS

Tgt Ion:232 Resp: 84049
Ion Ratio Lower Upper
232 100
131 40.5 30.1 45.1
130 2.3 1.8 2.8
166 28.9 22.2 33.2

Manual Integrations

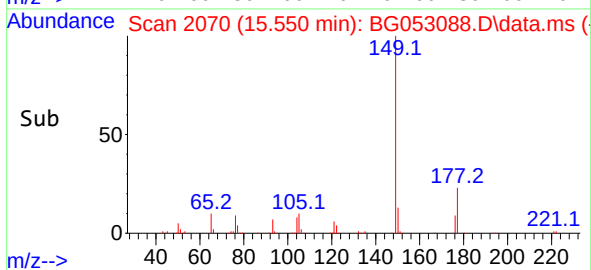
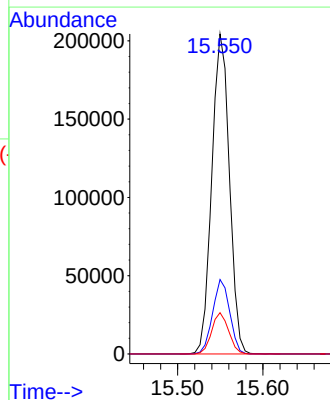
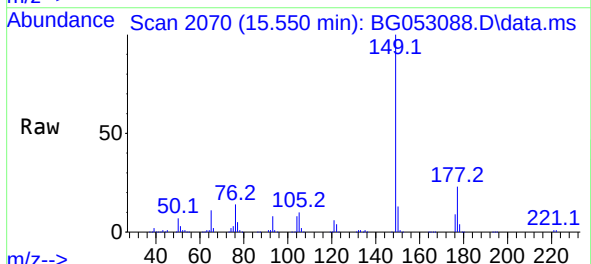
APPROVED

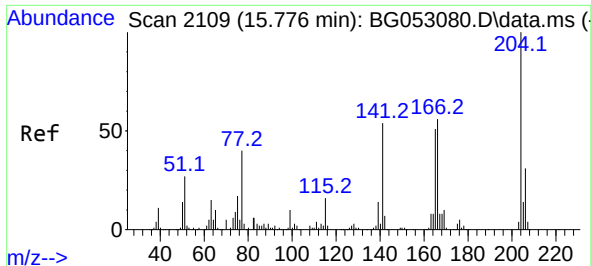
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022



#60
Diethylphthalate
Concen: 37.830 ng
RT: 15.550 min Scan# 2070
Delta R.T. -0.003 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41

Tgt Ion:149 Resp: 292606
Ion Ratio Lower Upper
149 100
177 23.3 18.2 27.2
150 12.9 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 38.041 ng
RT: 15.779 min Scan# 2109
Delta R.T. 0.003 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41

Instrument :

BNA_G

ClientSampleId :

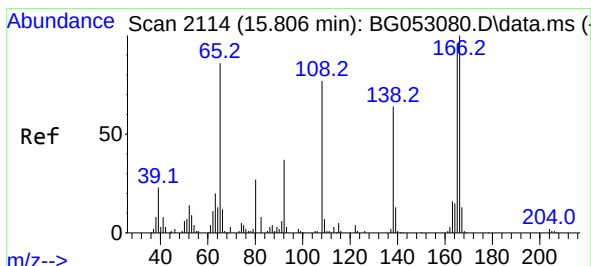
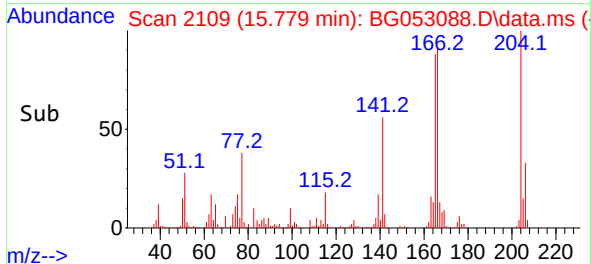
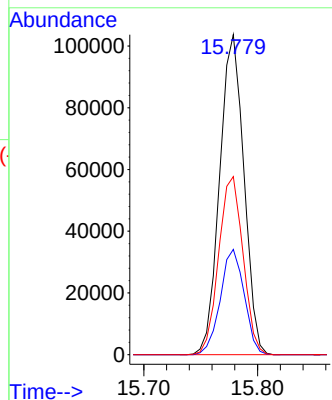
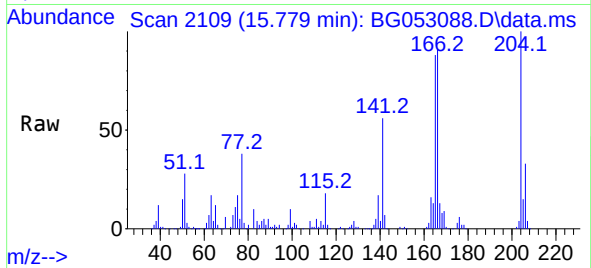
PB143883BS

Tgt Ion:204 Resp: 15352
Ion Ratio Lower Upper
204 100
206 32.9 28.3 42.5
141 55.6 45.8 68.8

Manual Integrations

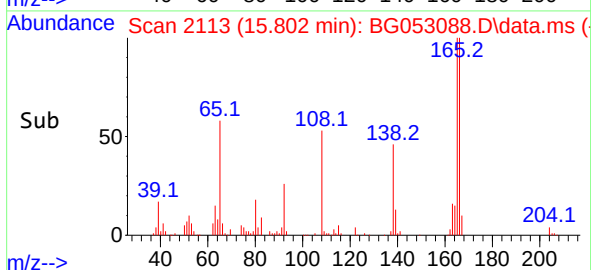
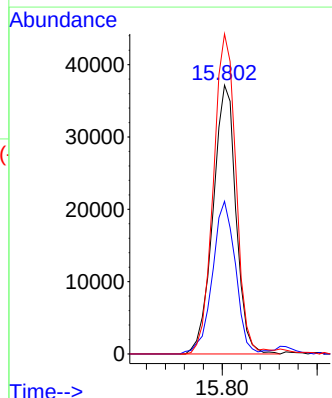
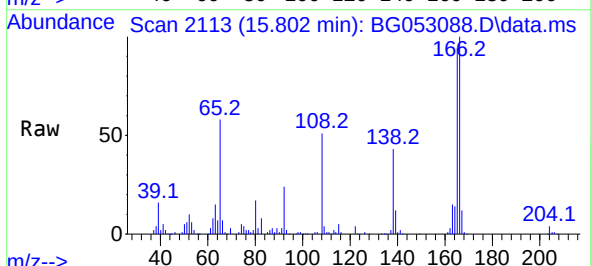
APPROVED

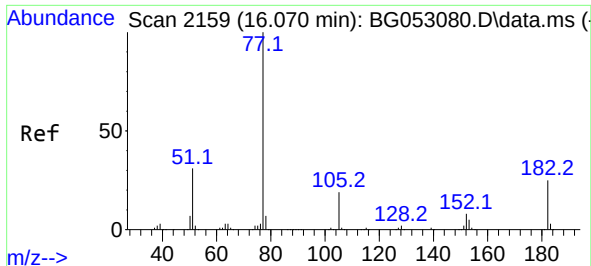
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022



#62
4-Nitroaniline
Concen: 36.363 ng
RT: 15.802 min Scan# 2113
Delta R.T. -0.003 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41

Tgt Ion:138 Resp: 62486
Ion Ratio Lower Upper
138 100
92 56.8 33.3 73.3
108 119.0 74.2 114.2#





#63
Azobenzene
Concen: 37.220 ng
RT: 16.072 min Scan# 2159
Delta R.T. 0.003 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41

Instrument :

BNA_G

ClientSampleId :

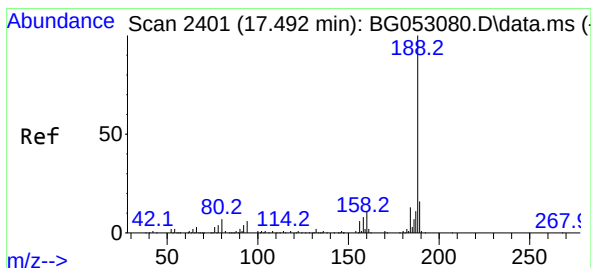
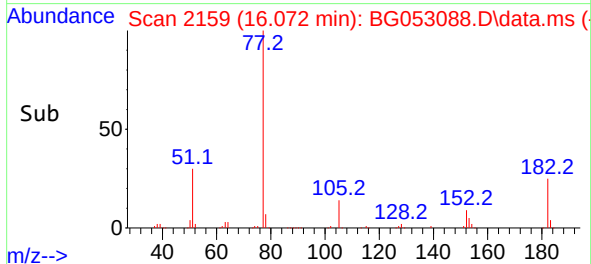
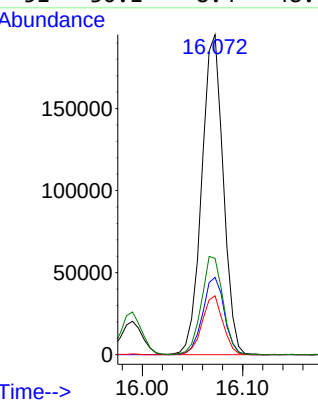
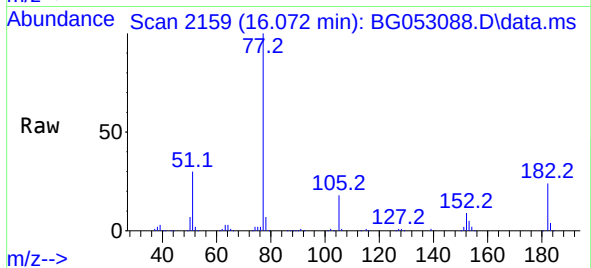
PB143883BS

Tgt Ion: 77 Resp: 29025
Ion Ratio Lower Upper
77 100
182 24.2 5.6 45.6
105 18.4 0.0 38.8
51 30.1 8.4 48.4

Manual Integrations

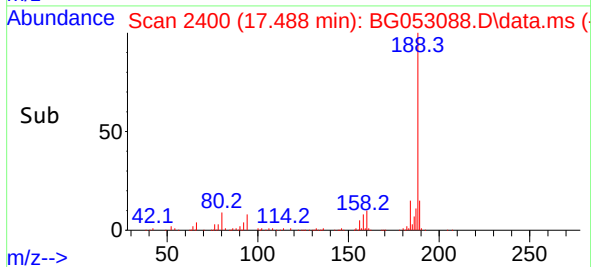
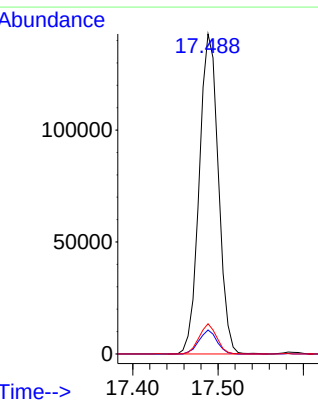
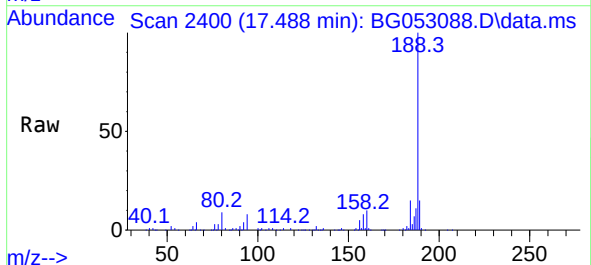
APPROVED

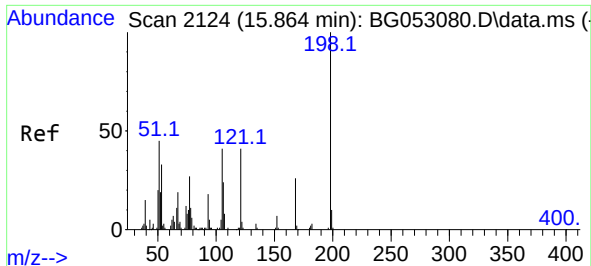
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.488 min Scan# 2400
Delta R.T. -0.003 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41

Tgt Ion:188 Resp: 222085
Ion Ratio Lower Upper
188 100
94 7.5 5.7 8.5
80 9.5 7.2 10.8





#65
4,6-Dinitro-2-methylphenol
Concen: 36.741 ng
RT: 15.867 min Scan# 2124
Delta R.T. 0.003 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41

Instrument :

BNA_G

ClientSampleId :

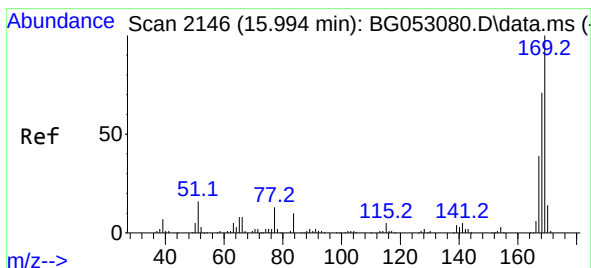
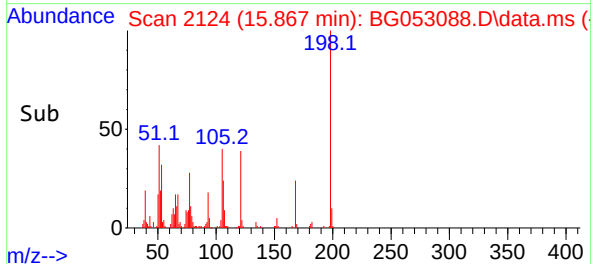
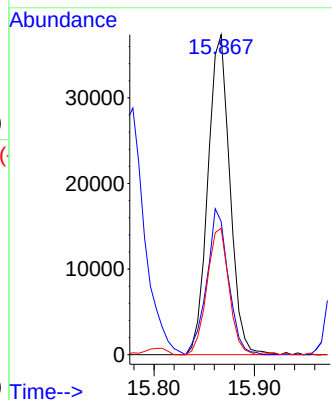
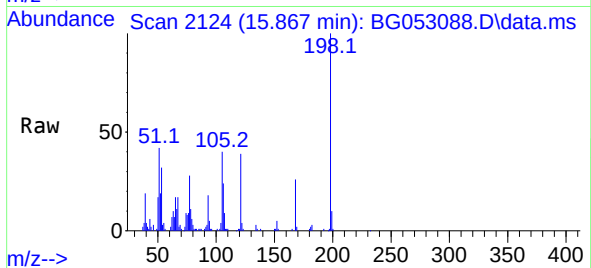
PB143883BS

Tgt Ion:198 Resp: 56928
Ion Ratio Lower Upper
198 100
51 41.6 21.7 61.7
105 39.5 20.8 60.8

Manual Integrations

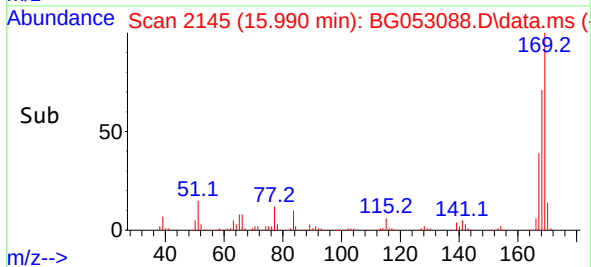
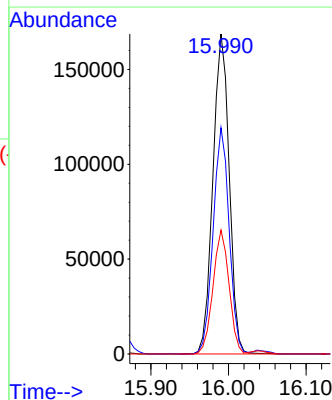
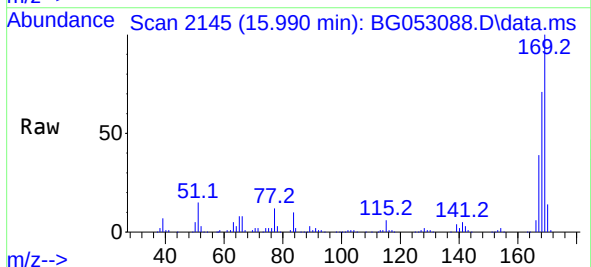
APPROVED

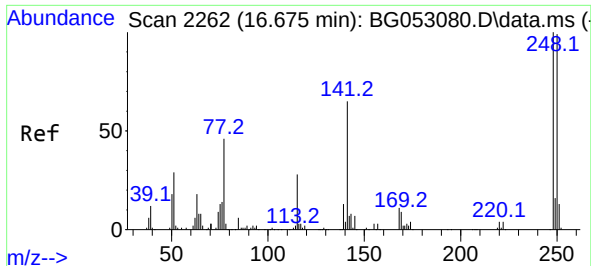
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022



#66
n-Nitrosodiphenylamine
Concen: 38.524 ng
RT: 15.990 min Scan# 2145
Delta R.T. -0.003 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41

Tgt Ion:169 Resp: 246031
Ion Ratio Lower Upper
169 100
168 70.7 54.5 81.7
167 38.7 29.6 44.4





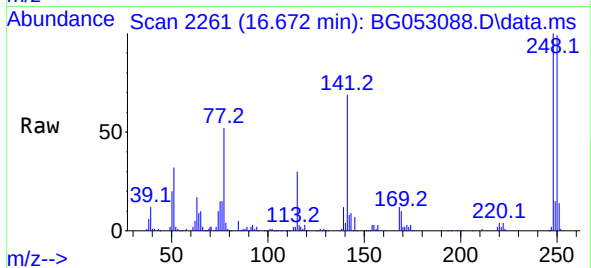
#67
4-Bromophenyl-phenylether
Concen: 37.699 ng
RT: 16.672 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41

Instrument :

BNA_G

ClientSampleId :

PB143883BS

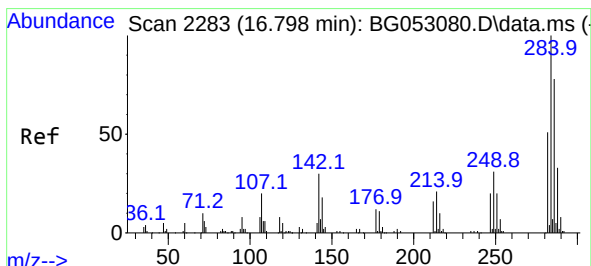
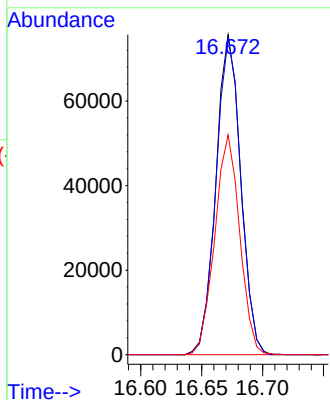
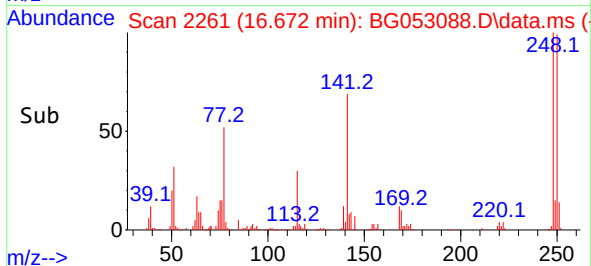


Tgt Ion:248 Resp: 107280
Ion Ratio Lower Upper
248 100
250 98.8 77.9 116.9
141 68.7 49.2 73.8

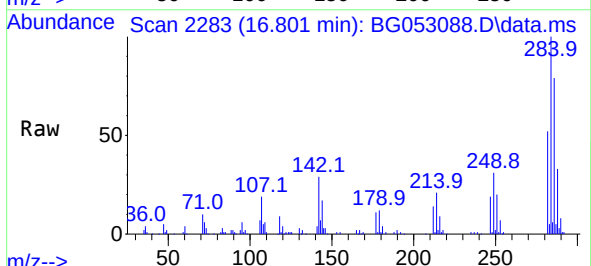
Manual Integrations

APPROVED

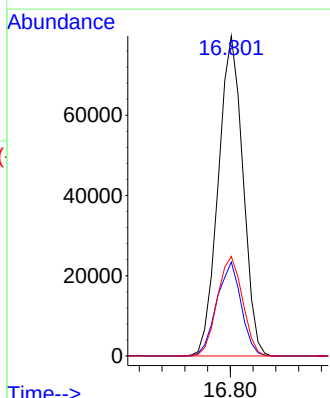
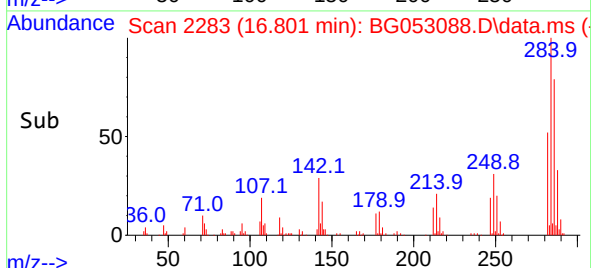
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

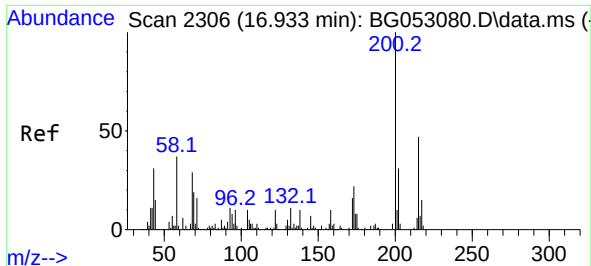


#68
Hexachlorobenzene
Concen: 38.990 ng
RT: 16.801 min Scan# 2283
Delta R.T. 0.003 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41



Tgt Ion:284 Resp: 120156
Ion Ratio Lower Upper
284 100
142 29.3 21.0 31.4
249 31.1 22.7 34.1





#69
Atrazine
Concen: 42.601 ng
RT: 16.936 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41

Instrument :

BNA_G

ClientSampleId :

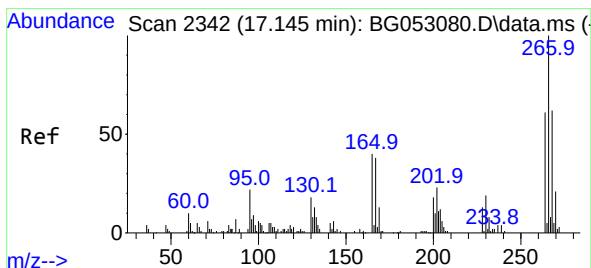
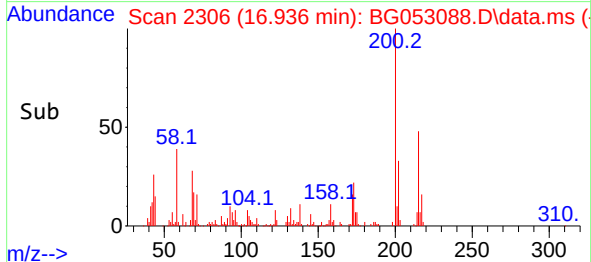
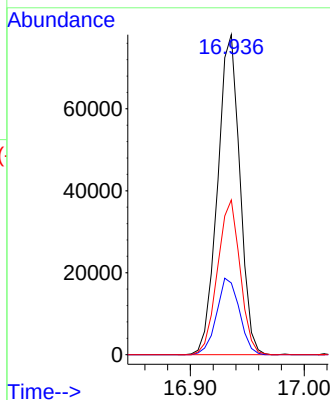
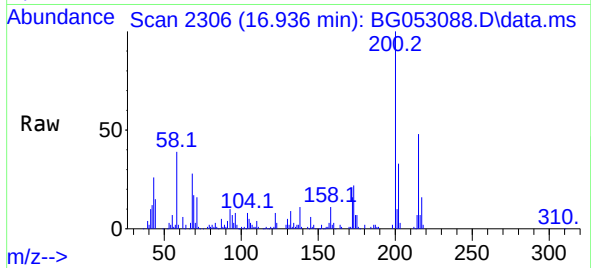
PB143883BS

Tgt Ion:200 Resp: 106270
Ion Ratio Lower Upper
200 100
173 22.4 3.8 43.8
215 48.4 26.3 66.3

Manual Integrations

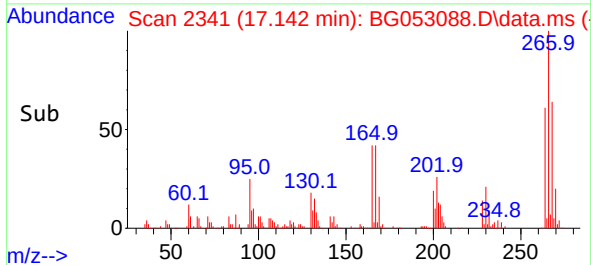
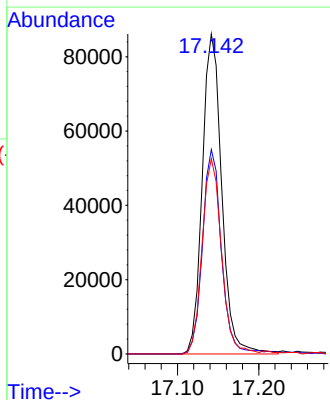
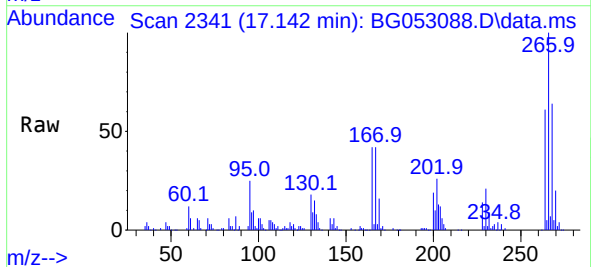
APPROVED

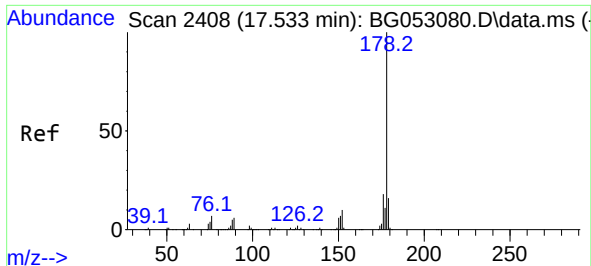
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022



#70
Pentachlorophenol
Concen: 84.977 ng
RT: 17.142 min Scan# 2341
Delta R.T. -0.003 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41

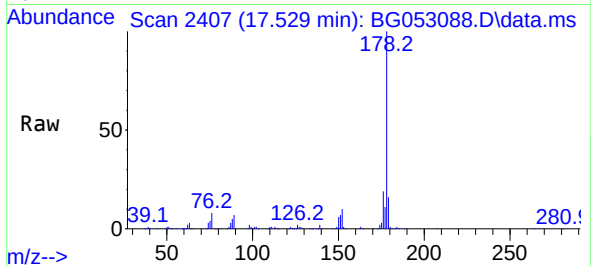
Tgt Ion:266 Resp: 143123
Ion Ratio Lower Upper
266 100
268 63.9 45.9 68.9
264 61.0 45.3 67.9





#71
Phenanthrene
Concen: 39.035 ng
RT: 17.529 min Scan# 2408
Delta R.T. -0.003 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41

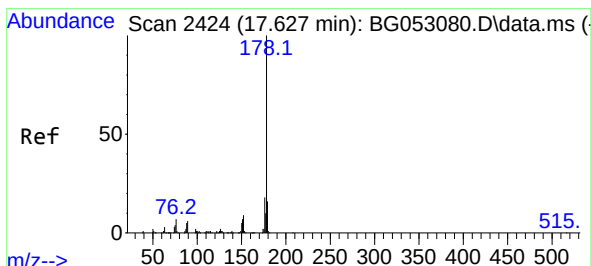
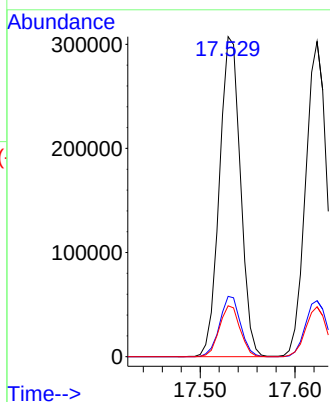
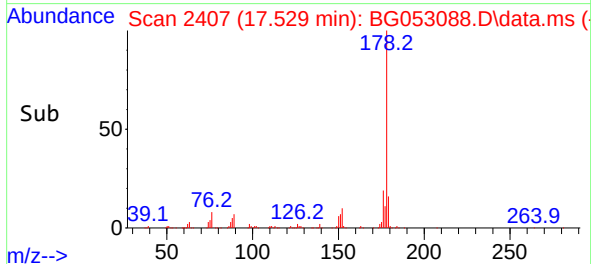
Instrument :
BNA_G
ClientSampleId :
PB143883BS



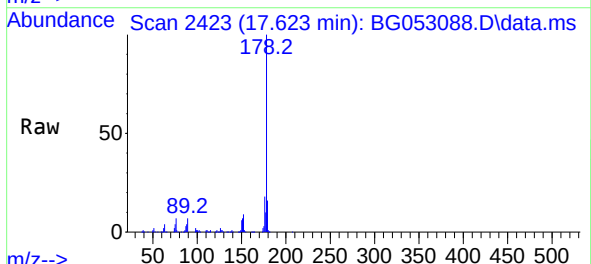
Tgt Ion:178 Resp: 473529
Ion Ratio Lower Upper
178 100
176 18.9 15.9 23.9
179 15.9 13.4 20.2

Manual Integrations
APPROVED

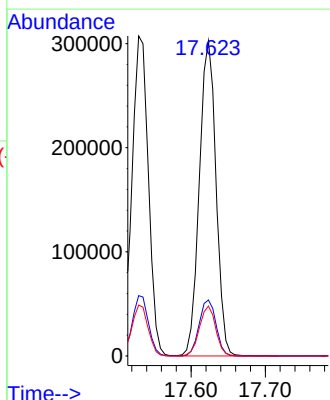
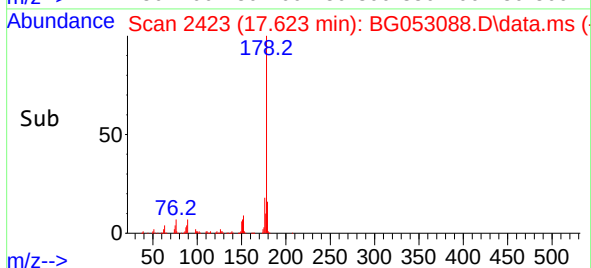
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

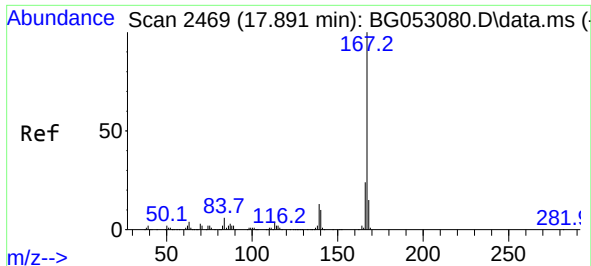


#72
Anthracene
Concen: 39.314 ng
RT: 17.623 min Scan# 2423
Delta R.T. -0.003 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41



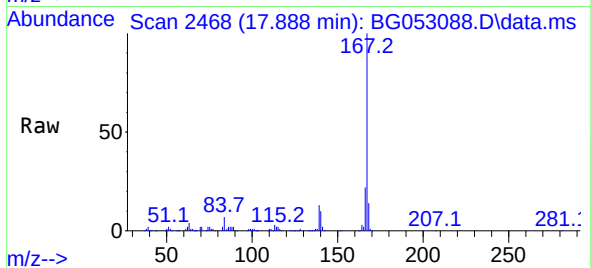
Tgt Ion:178 Resp: 472463
Ion Ratio Lower Upper
178 100
176 17.7 14.7 22.1
179 15.8 13.2 19.8





#73
Carbazole
Concen: 37.538 ng
RT: 17.888 min Scan# 2468
Delta R.T. -0.003 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41

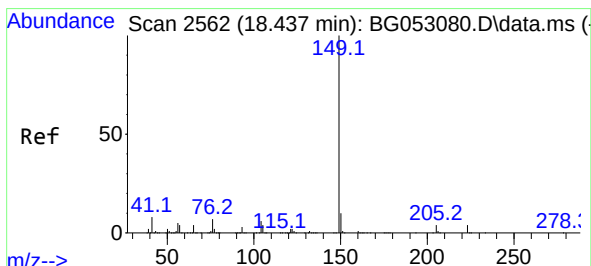
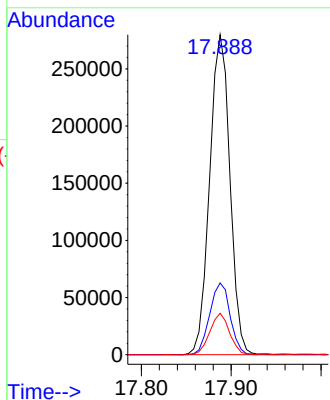
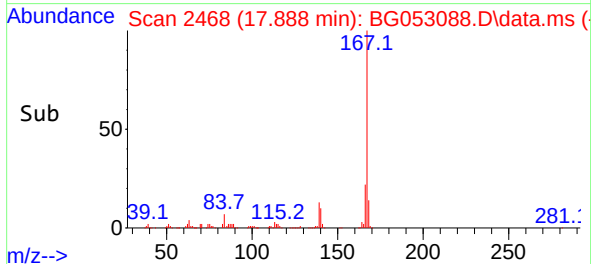
Instrument :
BNA_G
ClientSampleId :
PB143883BS



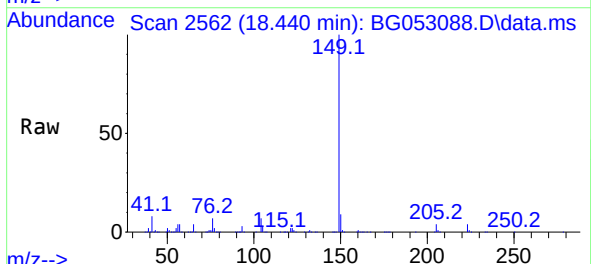
Tgt Ion:167 Resp: 43852
Ion Ratio Lower Upper
167 100
166 22.4 18.5 27.7
139 13.0 10.0 15.0

Manual Integrations
APPROVED

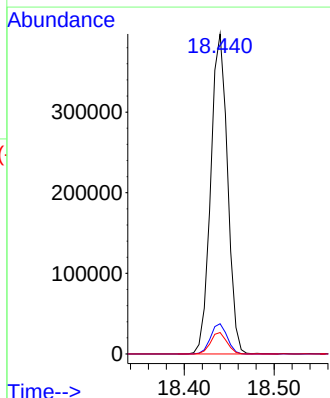
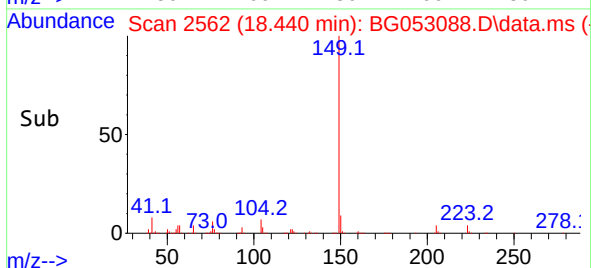
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

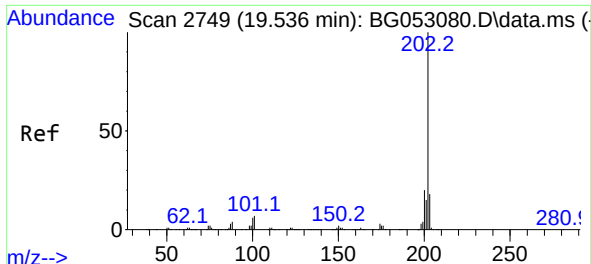


#74
Di-n-butylphthalate
Concen: 38.926 ng
RT: 18.440 min Scan# 2562
Delta R.T. 0.003 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41



Tgt Ion:149 Resp: 515730
Ion Ratio Lower Upper
149 100
150 9.4 7.0 10.6
104 6.7 4.6 7.0





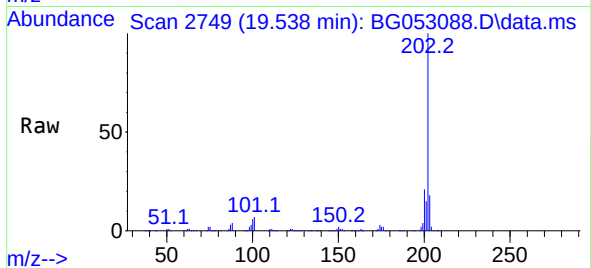
#75
Fluoranthene
Concen: 39.849 ng
RT: 19.538 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41

Instrument :

BNA_G

ClientSampleId :

PB143883BS

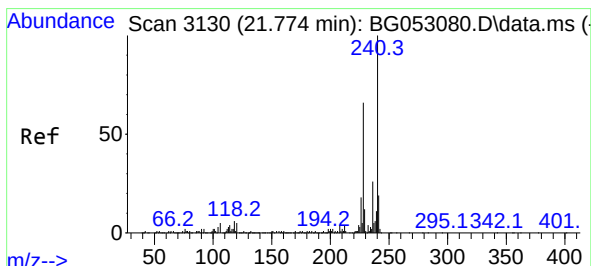
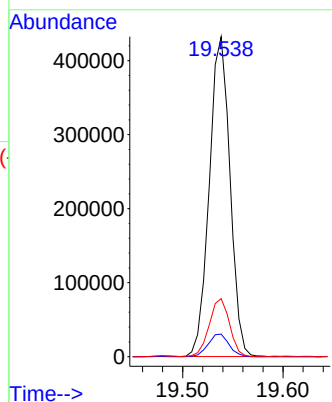
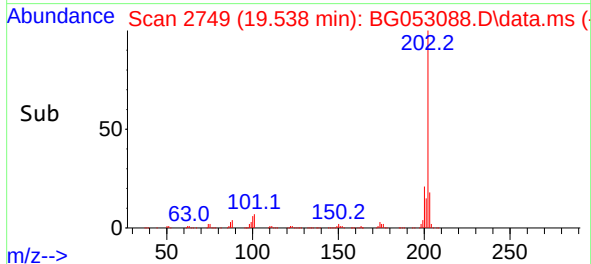


Tgt Ion:202 Resp: 619628
Ion Ratio Lower Upper
202 100
101 7.0 0.0 27.3
203 18.1 0.0 37.7

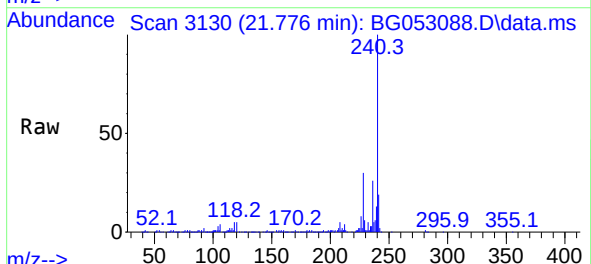
Manual Integrations

APPROVED

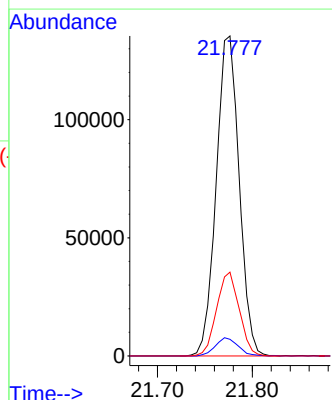
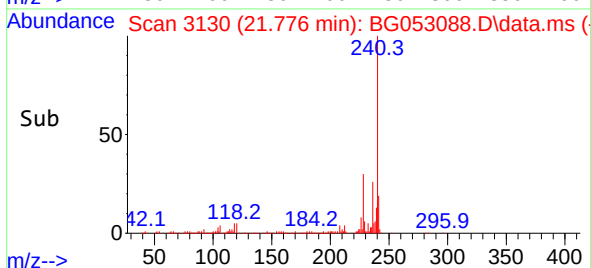
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

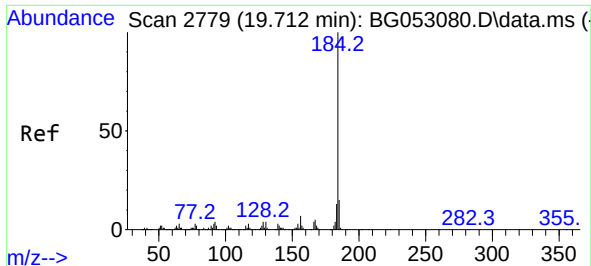


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.776 min Scan# 3130
Delta R.T. 0.003 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41



Tgt Ion:240 Resp: 228243
Ion Ratio Lower Upper
240 100
120 5.2 5.4 8.0#
236 26.2 19.8 29.6





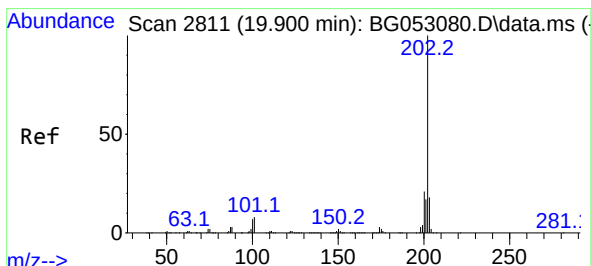
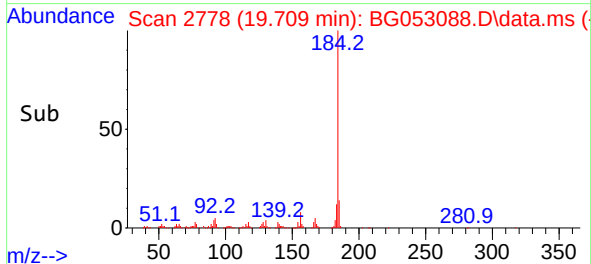
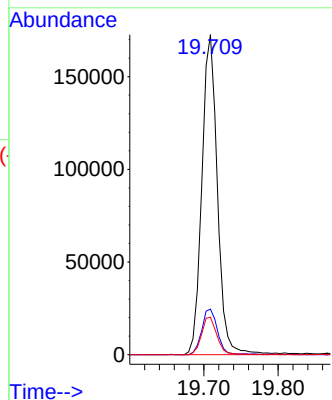
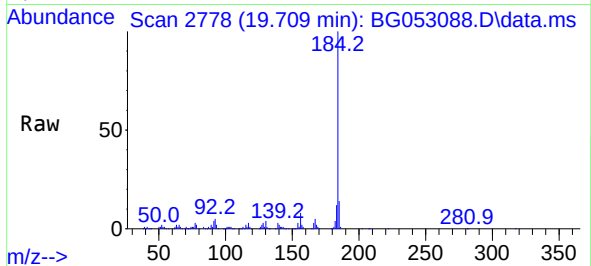
#77
Benzidine
Concen: 38.615 ng
RT: 19.709 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41

Instrument :
BNA_G
ClientSampleId :
PB143883BS

Tgt Ion:184 Resp: 25146
Ion Ratio Lower Upper
184 100
185 14.3 11.5 17.3
183 11.7 9.4 14.2

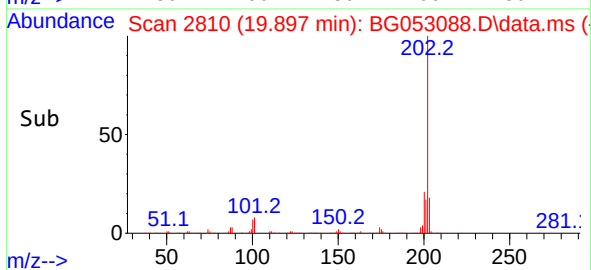
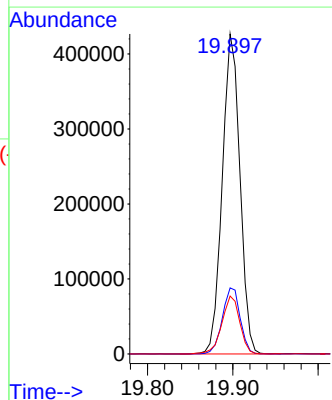
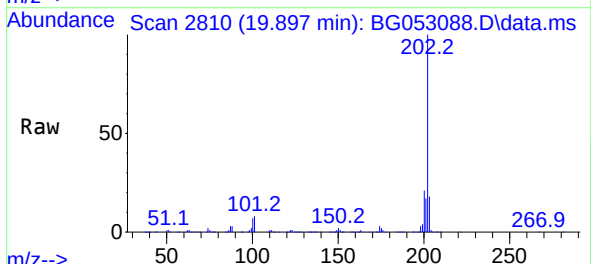
Manual Integrations
APPROVED

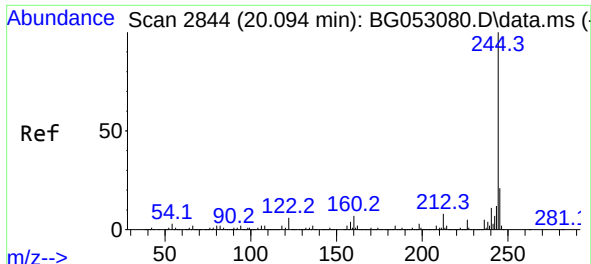
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022



#78
Pyrene
Concen: 37.723 ng
RT: 19.897 min Scan# 2810
Delta R.T. -0.003 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41

Tgt Ion:202 Resp: 613198
Ion Ratio Lower Upper
202 100
200 20.7 17.0 25.6
203 18.1 15.0 22.6





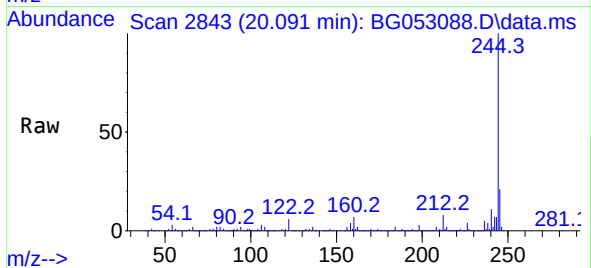
#79
 Terphenyl-d14
 Concen: 76.120 ng
 RT: 20.091 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG053088.D
 Acq: 8 Apr 2022 17:41

Instrument :

BNA_G

ClientSampleId :

PB143883BS

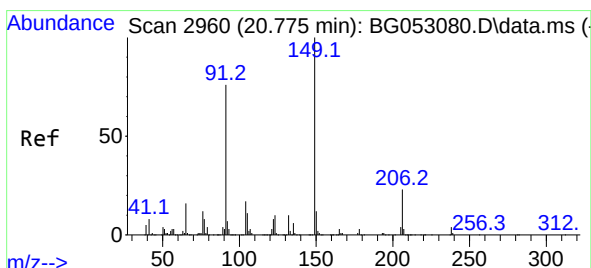
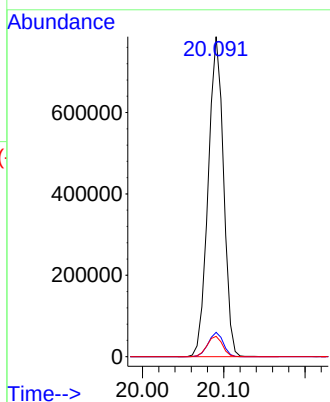
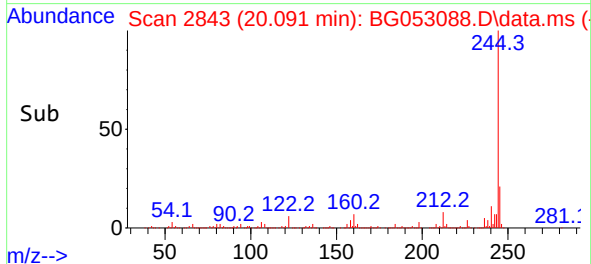


Tgt Ion:244 Resp: 1028709
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.4 8.2
 122 6.4 5.8 8.6

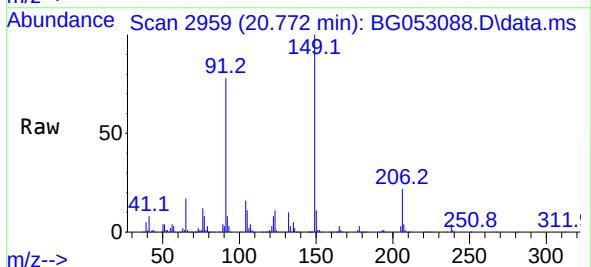
Manual Integrations

APPROVED

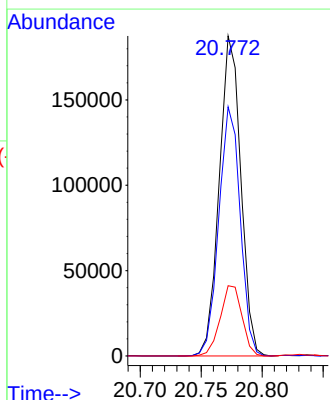
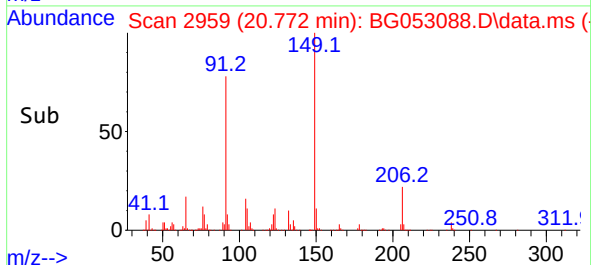
Reviewed By :Christian Giraldo 04/11/2022
 Supervised By :Jagrut Upadhyay 04/11/2022

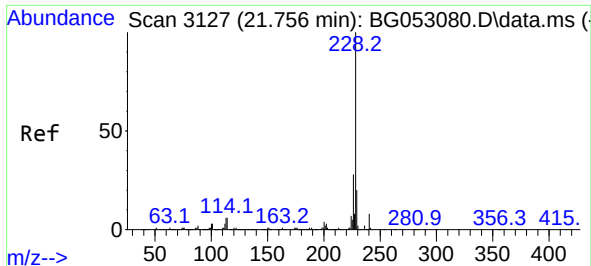


#80
 Butylbenzylphthalate
 Concen: 38.089 ng
 RT: 20.772 min Scan# 2959
 Delta R.T. -0.003 min
 Lab File: BG053088.D
 Acq: 8 Apr 2022 17:41



Tgt Ion:149 Resp: 230833
 Ion Ratio Lower Upper
 149 100
 91 77.8 60.2 90.4
 206 22.0 19.4 29.2





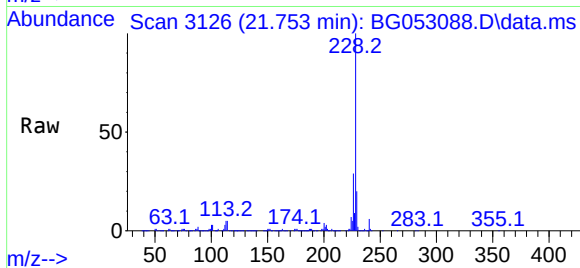
#81
Benzo(a)anthracene
Concen: 38.749 ng
RT: 21.753 min Scan# 3127
Delta R.T. -0.003 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41

Instrument :

BNA_G

ClientSampleId :

PB143883BS

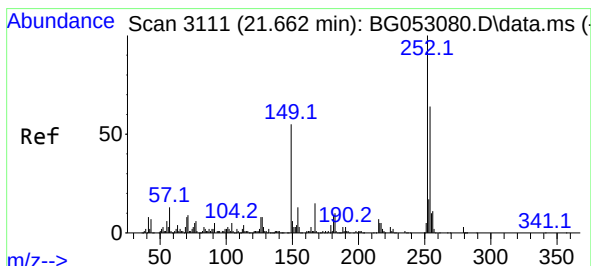
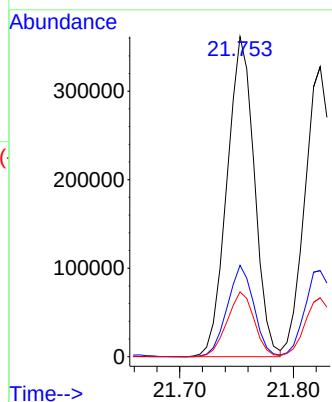
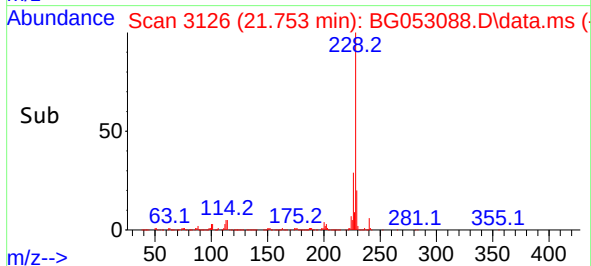


Tgt Ion:228 Resp: 604708
Ion Ratio Lower Upper
228 100
226 28.5 21.4 32.0
229 20.2 16.7 25.1

Manual Integrations

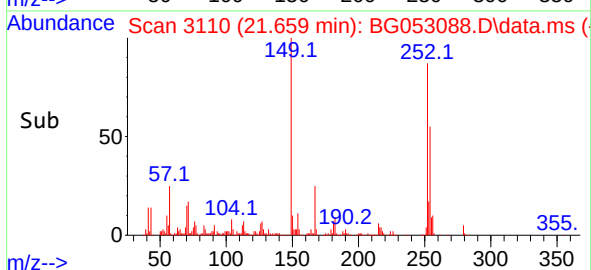
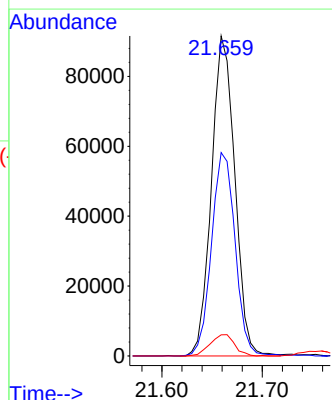
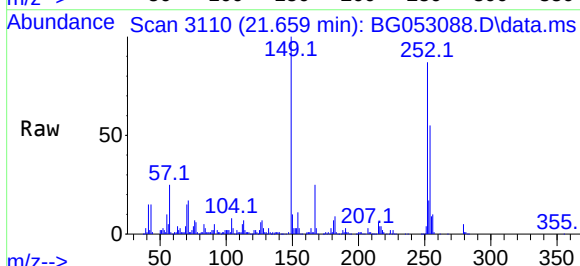
APPROVED

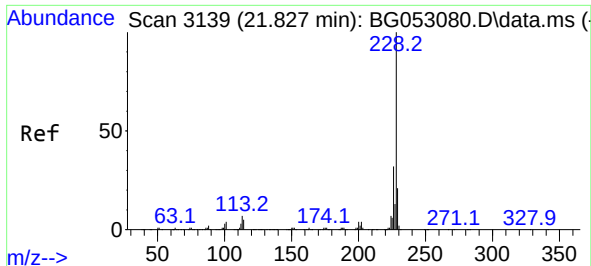
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022



#82
3,3'-Dichlorobenzidine
Concen: 25.782 ng
RT: 21.659 min Scan# 3110
Delta R.T. -0.003 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41

Tgt Ion:252 Resp: 147967
Ion Ratio Lower Upper
252 100
254 63.6 51.2 76.8
126 6.6 5.8 8.8





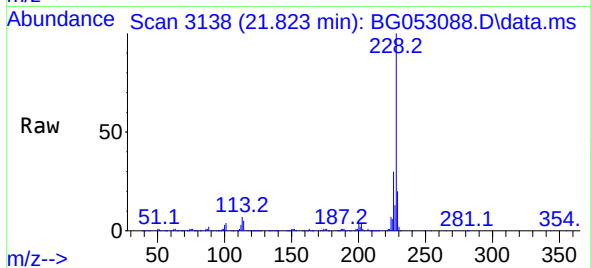
#83
Chrysene
Concen: 37.735 ng
RT: 21.823 min Scan# 3139
Delta R.T. -0.003 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41

Instrument :

BNA_G

ClientSampleId :

PB143883BS

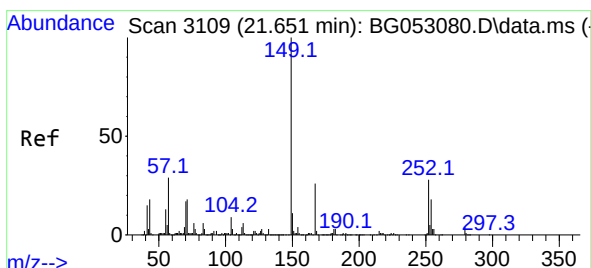
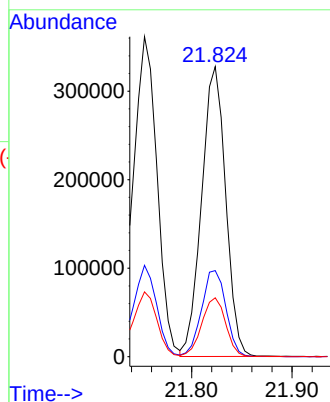
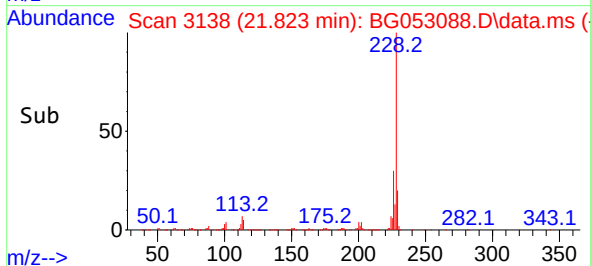


Tgt Ion:228 Resp: 546515
Ion Ratio Lower Upper
228 100
226 29.7 24.2 36.4
229 20.3 16.3 24.5

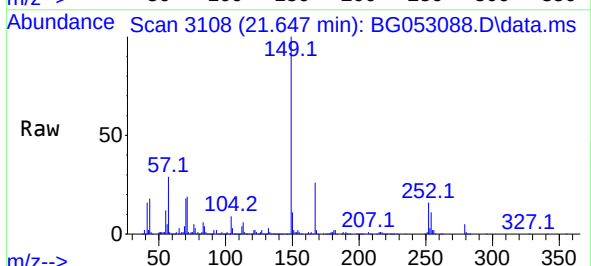
Manual Integrations

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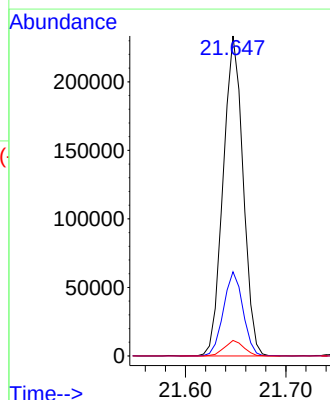
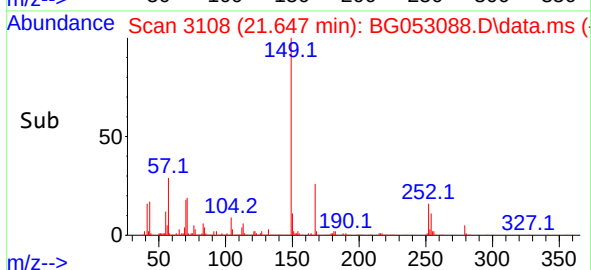
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

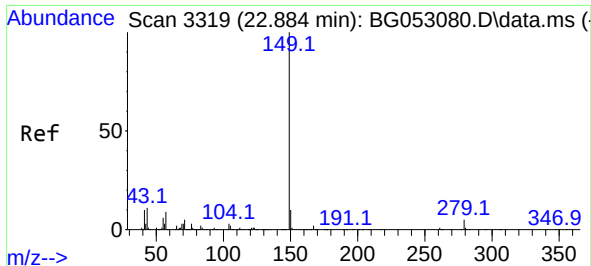


#84
Bis(2-ethylhexyl)phthalate
Concen: 39.284 ng
RT: 21.647 min Scan# 3108
Delta R.T. -0.003 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41



Tgt Ion:149 Resp: 321807
Ion Ratio Lower Upper
149 100
167 26.3 21.4 32.2
279 4.9 3.8 5.8





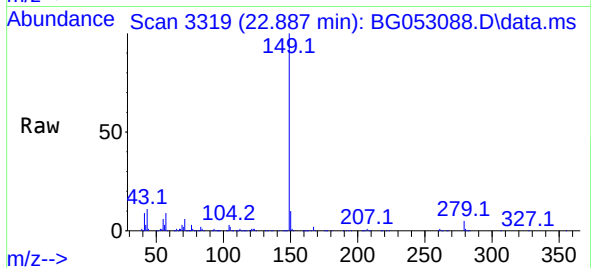
#85
Di-n-octyl phthalate
Concen: 38.891 ng
RT: 22.887 min Scan# 31
Delta R.T. 0.003 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41

Instrument :

BNA_G

ClientSampleId :

PB143883BS

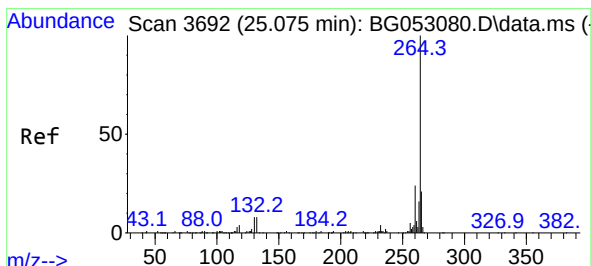
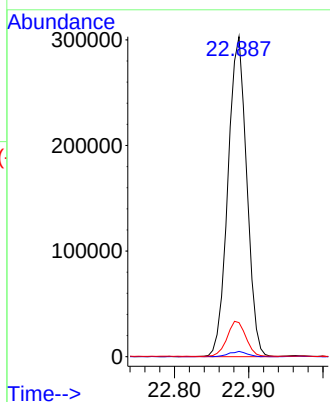
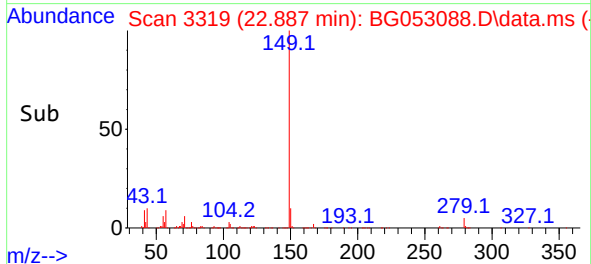


Tgt Ion:149 Resp: 532810
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.9 7.6 11.4

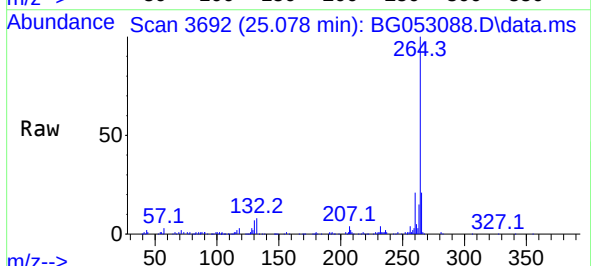
Manual Integrations

APPROVED

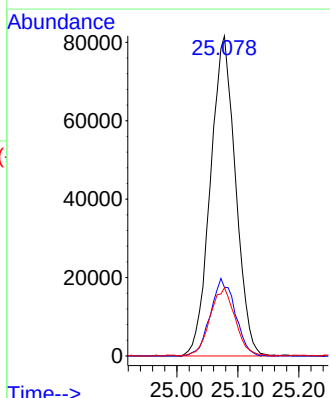
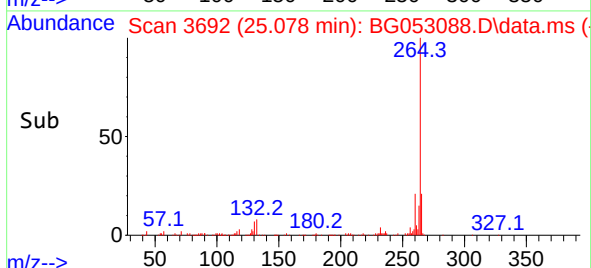
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

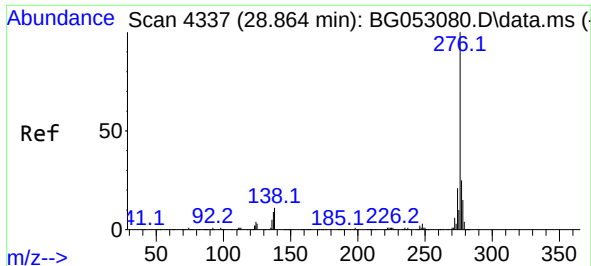


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.078 min Scan# 3692
Delta R.T. 0.003 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41



Tgt Ion:264 Resp: 233024
Ion Ratio Lower Upper
264 100
260 21.4 18.2 27.2
265 21.3 15.1 22.7





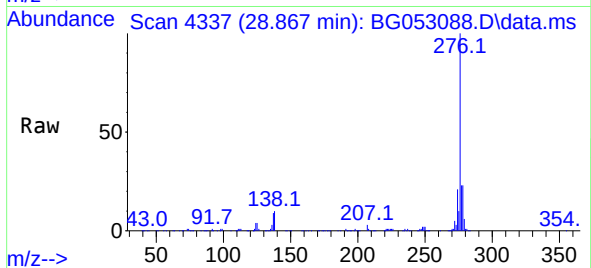
#87
Indeno(1,2,3-cd)pyrene
Concen: 38.330 ng
RT: 28.867 min Scan# 4337
Delta R.T. 0.003 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41

Instrument :

BNA_G

ClientSampleId :

PB143883BS

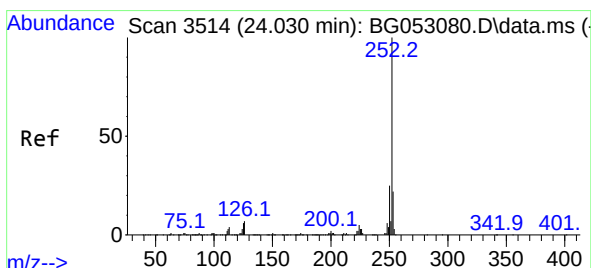
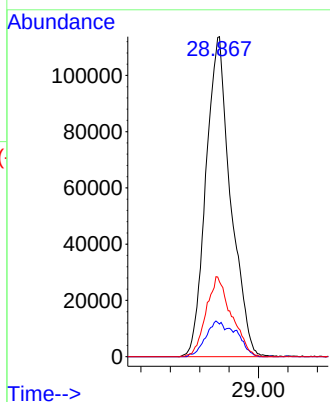
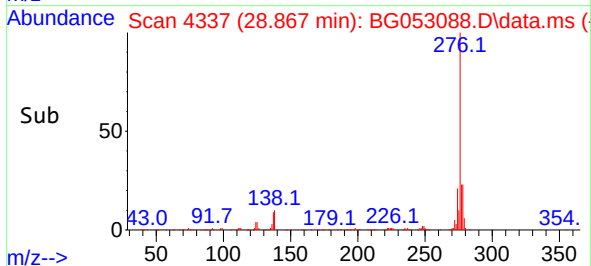


Tgt Ion:276 Resp: 663578
Ion Ratio Lower Upper
276 100
138 8.6 8.7 13.1
277 25.7 20.2 30.4

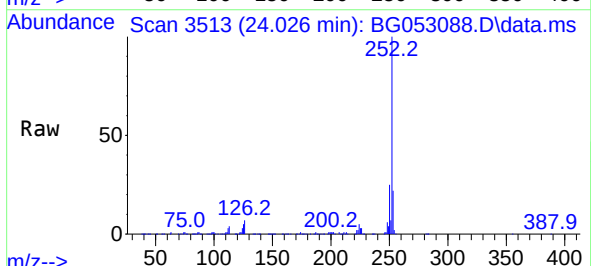
Manual Integrations

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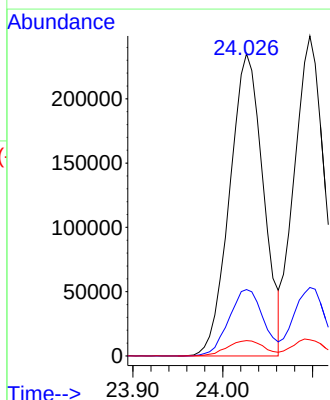
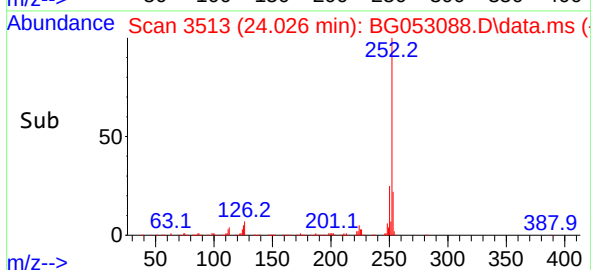
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

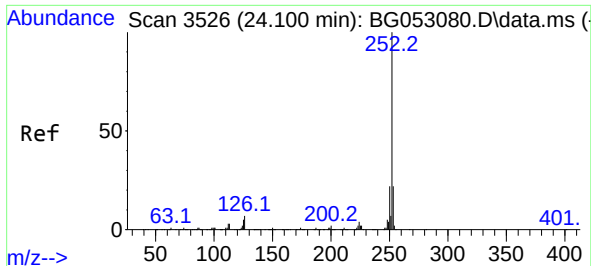


#88
Benzo(b)fluoranthene
Concen: 41.686 ng
RT: 24.026 min Scan# 3513
Delta R.T. -0.003 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41



Tgt Ion:252 Resp: 612893
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 5.1 5.2 7.8#





#89

Benzo(k)fluoranthene

Concen: 40.143 ng

RT: 24.097 min Scan# 3

Delta R.T. -0.003 min

Lab File: BG053088.D

Acq: 8 Apr 2022 17:41

Instrument :

BNA_G

ClientSampleId :

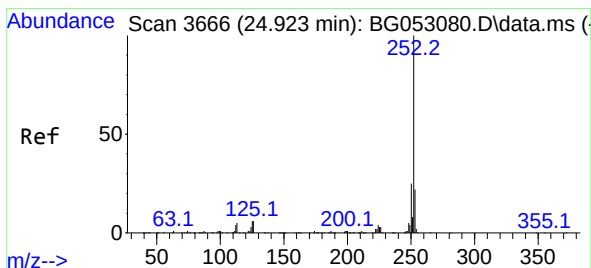
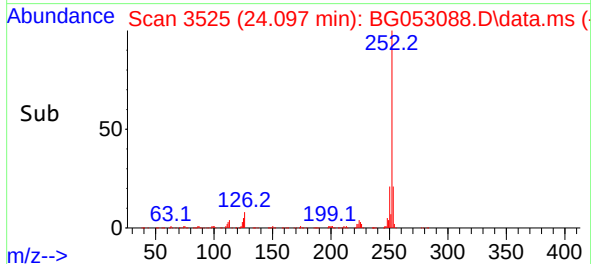
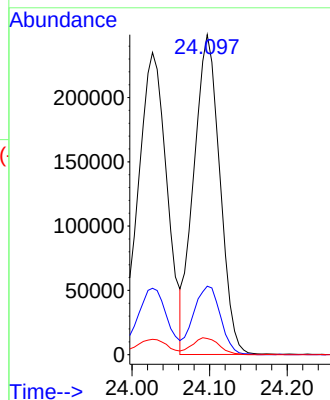
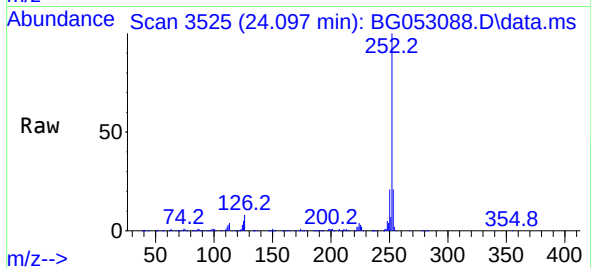
PB143883BS

Tgt Ion:252 Resp: 58005
 Ion Ratio Lower Upper
 252 100
 253 21.4 17.4 26.0
 125 5.1 5.0 7.4

Manual Integrations

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Reviewed By :Christian Giraldo 04/11/2022
 Supervised By :Jagrut Upadhyay 04/11/2022



#90

Benzo(a)pyrene

Concen: 47.078 ng

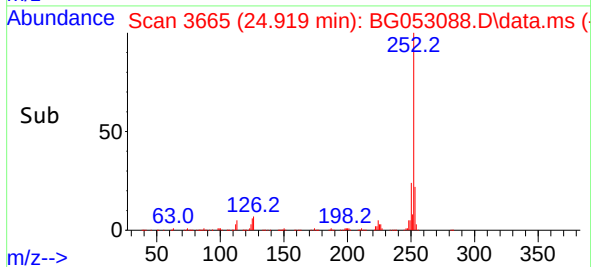
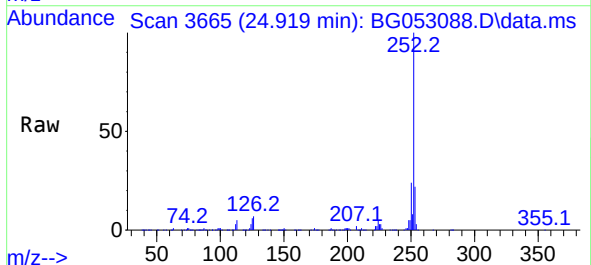
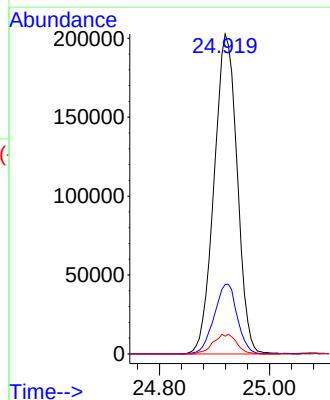
RT: 24.919 min Scan# 3665

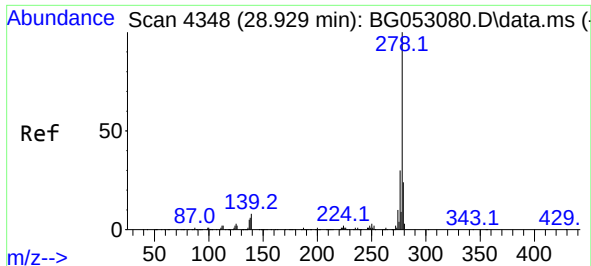
Delta R.T. -0.003 min

Lab File: BG053088.D

Acq: 8 Apr 2022 17:41

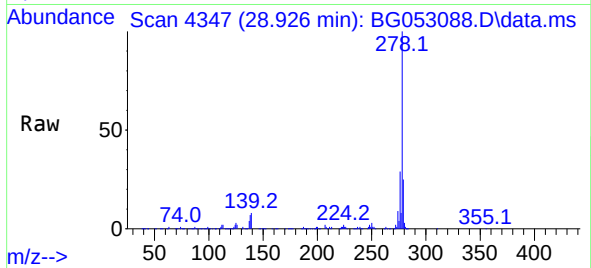
Tgt Ion:252 Resp: 589661
 Ion Ratio Lower Upper
 252 100
 253 21.7 18.4 27.6
 125 5.5 5.6 8.4#





#91
Dibenzo(a,h)anthracene
Concen: 40.627 ng
RT: 28.926 min Scan# 41
Delta R.T. -0.003 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41

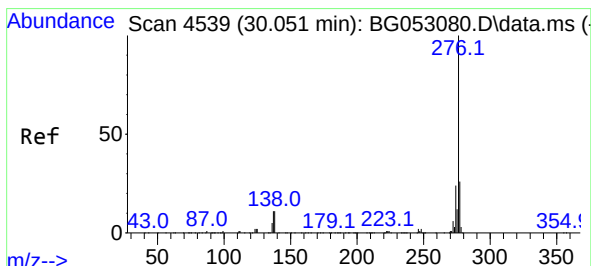
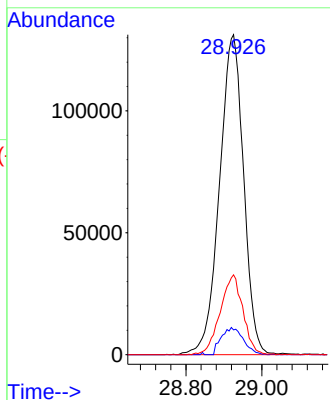
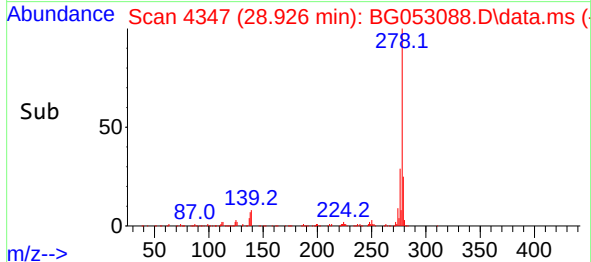
Instrument :
BNA_G
ClientSampleId :
PB143883BS



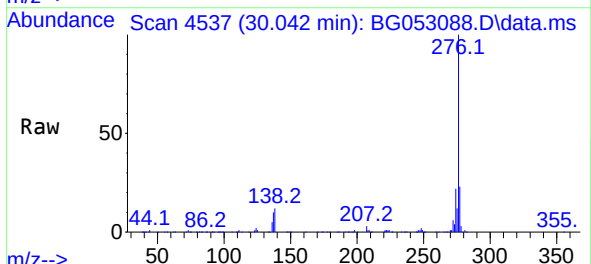
Tgt Ion:278 Resp: 57889
Ion Ratio Lower Upper
278 100
139 7.7 7.8 11.6
279 25.0 18.5 27.7

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022



#92
Benzo(g,h,i)perylene
Concen: 40.308 ng
RT: 30.042 min Scan# 4537
Delta R.T. -0.009 min
Lab File: BG053088.D
Acq: 8 Apr 2022 17:41



Tgt Ion:276 Resp: 566100
Ion Ratio Lower Upper
276 100
277 22.7 18.2 27.2
138 11.6 9.1 13.7

