

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082022\
 Data File : BG054677.D
 Acq On : 20 Aug 2022 1:26
 Operator : CG/JU
 Sample : PB147091BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB147091BS

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 08/22/2022
 Supervised By : Jagrut Upadhyay 08/22/2022

Quant Time: Aug 22 00:36:12 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082022.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Aug 22 00:08:53 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.159	152	49918	20.000	ng	0.00
21) Naphthalene-d8	10.985	136	207511	20.000	ng	0.00
39) Acenaphthene-d10	14.792	164	132786	20.000	ng	0.00
64) Phenanthrene-d10	17.536	188	297708	20.000	ng	0.00
76) Chrysene-d12	21.831	240	294828	20.000	ng	0.00
86) Perylene-d12	25.204	264	319406	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.697	112	404424	146.700	ng	0.00
7) Phenol-d6	7.301	99	526545	136.572	ng	0.00
23) Nitrobenzene-d5	9.328	82	303122	84.335	ng	0.00
42) 2,4,6-Tribromophenol	16.273	330	174042	125.526	ng	0.00
45) 2-Fluorobiphenyl	13.417	172	697072	82.229	ng	0.00
79) Terphenyl-d14	20.139	244	1200659	87.042	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.541	88	46416	34.482	ng	99
3) Pyridine	3.946	79	127463	35.248	ng	96
4) n-Nitrosodimethylamine	3.864	42	71285	44.282	ng	97
6) Aniline	7.477	93	155893	33.737	ng	99
8) 2-Chlorophenol	7.718	128	150172	50.214	ng	98
9) Benzaldehyde	7.289	77	56525	24.331	ng	97
10) Phenol	7.330	94	192338	49.107	ng	99
11) bis(2-Chloroethyl)ether	7.571	93	145079	45.940	ng	99
12) 1,3-Dichlorobenzene	8.047	146	161755	46.112	ng	99
13) 1,4-Dichlorobenzene	8.194	146	162038	45.768	ng	98
14) 1,2-Dichlorobenzene	8.517	146	157863	47.035	ng	97
15) Benzyl Alcohol	8.394	79	131091	47.817	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.682	45	228028	46.311	ng	99
17) 2-Methylphenol	8.594	107	130396	48.637	ng	98
18) Hexachloroethane	9.252	117	57052	46.020	ng	96
19) n-Nitroso-di-n-propyla...	8.964	70	113530	44.838	ng	98
20) 3+4-Methylphenols	8.923	107	174513	47.126	ng	99
22) Acetophenone	8.987	105	220284	43.993	ng	100
24) Nitrobenzene	9.375	77	162219	44.434	ng	98
25) Isophorone	9.898	82	312399	45.256	ng	99
26) 2-Nitrophenol	10.086	139	63559	45.212	ng	99
27) 2,4-Dimethylphenol	10.139	122	146965	53.564	ng	99
28) bis(2-Chloroethoxy)met...	10.380	93	192566	48.567	ng	97
29) 2,4-Dichlorophenol	10.621	162	137909	46.977	ng	99
30) 1,2,4-Trichlorobenzene	10.838	180	147504	42.003	ng	97
31) Naphthalene	11.038	128	453502	42.515	ng	100
32) Benzoic acid	10.262	122	82382	44.346	ng	98
33) 4-Chloroaniline	11.138	127	66526	15.317	ng	98
34) Hexachlorobutadiene	11.314	225	94333	41.812	ng	97
35) Caprolactam	11.907	113	46168m	48.330	ng	
36) 4-Chloro-3-methylphenol	12.242	107	149585	47.875	ng	99
37) 2-Methylnaphthalene	12.630	142	315059	42.597	ng	99
38) 1-Methylnaphthalene	12.847	142	301915	41.952	ng	100
40) 1,2,4,5-Tetrachloroben...	12.988	216	168179	43.415	ng	99
41) Hexachlorocyclopentadiene	12.971	237	226133	110.328	ng	99
43) 2,4,6-Trichlorophenol	13.224	196	112742	46.399	ng	98

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 22 00:08:53 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.294	196	124540	45.792	ng	99
46) 1,1'-Biphenyl	13.629	154	421606	44.770	ng	99
47) 2-Chloronaphthalene	13.676	162	309074	43.181	ng	99
48) 2-Nitroaniline	13.870	65	92979	46.915	ng	99
49) Acenaphthylene	14.516	152	514676	43.751	ng	99
50) Dimethylphthalate	14.240	163	412789	44.069	ng	99
51) 2,6-Dinitrotoluene	14.357	165	85927	48.426	ng	95
52) Acenaphthene	14.857	154	345243	46.597	ng	99
53) 3-Nitroaniline	14.692	138	58378	28.717	ng	96
54) 2,4-Dinitrophenol	14.892	184	72341	80.249	ng	96
55) Dibenzofuran	15.186	168	481810	43.588	ng	99
56) 4-Nitrophenol	14.980	139	162507	103.984	ng	95
57) 2,4-Dinitrotoluene	15.145	165	118572	49.793	ng	# 97
58) Fluorene	15.838	166	401207	43.410	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.403	232	108942	45.296	ng	99
60) Diethylphthalate	15.597	149	411986	44.597	ng	98
61) 4-Chlorophenyl-phenyle...	15.826	204	202577	44.311	ng	98
62) 4-Nitroaniline	15.850	138	95151	44.912	ng	98
63) Azobenzene	16.120	77	394349	44.334	ng	98
65) 4,6-Dinitro-2-methylph...	15.903	198	46516	43.860	ng	96
66) n-Nitrosodiphenylamine	16.038	169	360834	44.331	ng	99
67) 4-Bromophenyl-phenylether	16.719	248	121035	40.123	ng	98
68) Hexachlorobenzene	16.831	284	152099	43.329	ng	96
69) Atrazine	16.978	200	133628	51.699	ng	99
70) Pentachlorophenol	17.178	266	190001	99.273	ng	99
71) Phenanthrene	17.577	178	656680	43.378	ng	99
72) Anthracene	17.671	178	665933	45.143	ng	99
73) Carbazole	17.936	167	631792	47.100	ng	99
74) Di-n-butylphthalate	18.488	149	749722	47.338	ng	100
75) Fluoranthene	19.581	202	825837	45.181	ng	99
77) Benzidine	19.757	184	317456	57.430	ng	99
78) Pyrene	19.945	202	840951	43.429	ng	100
80) Butylbenzylphthalate	20.826	149	334294	48.086	ng	99
81) Benzo(a)anthracene	21.808	228	829894	43.518	ng	100
82) 3,3'-Dichlorobenzidine	21.719	252	216675	39.627	ng	99
83) Chrysene	21.878	228	771722	42.778	ng	99
84) Bis(2-ethylhexyl)phtha...	21.708	149	490793	48.039	ng	100
85) Di-n-octyl phthalate	22.977	149	825313	48.805	ng	100
87) Indeno(1,2,3-cd)pyrene	29.087	276	990833	42.428	ng	98
88) Benzo(b)fluoranthene	24.128	252	890584	46.301	ng	100
89) Benzo(k)fluoranthene	24.199	252	852096	44.041	ng	99
90) Benzo(a)pyrene	25.045	252	781112	47.815	ng	99
91) Dibenzo(a,h)anthracene	29.164	278	850403	44.257	ng	100
92) Benzo(g,h,i)perylene	30.303	276	840325	44.099	ng	99

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

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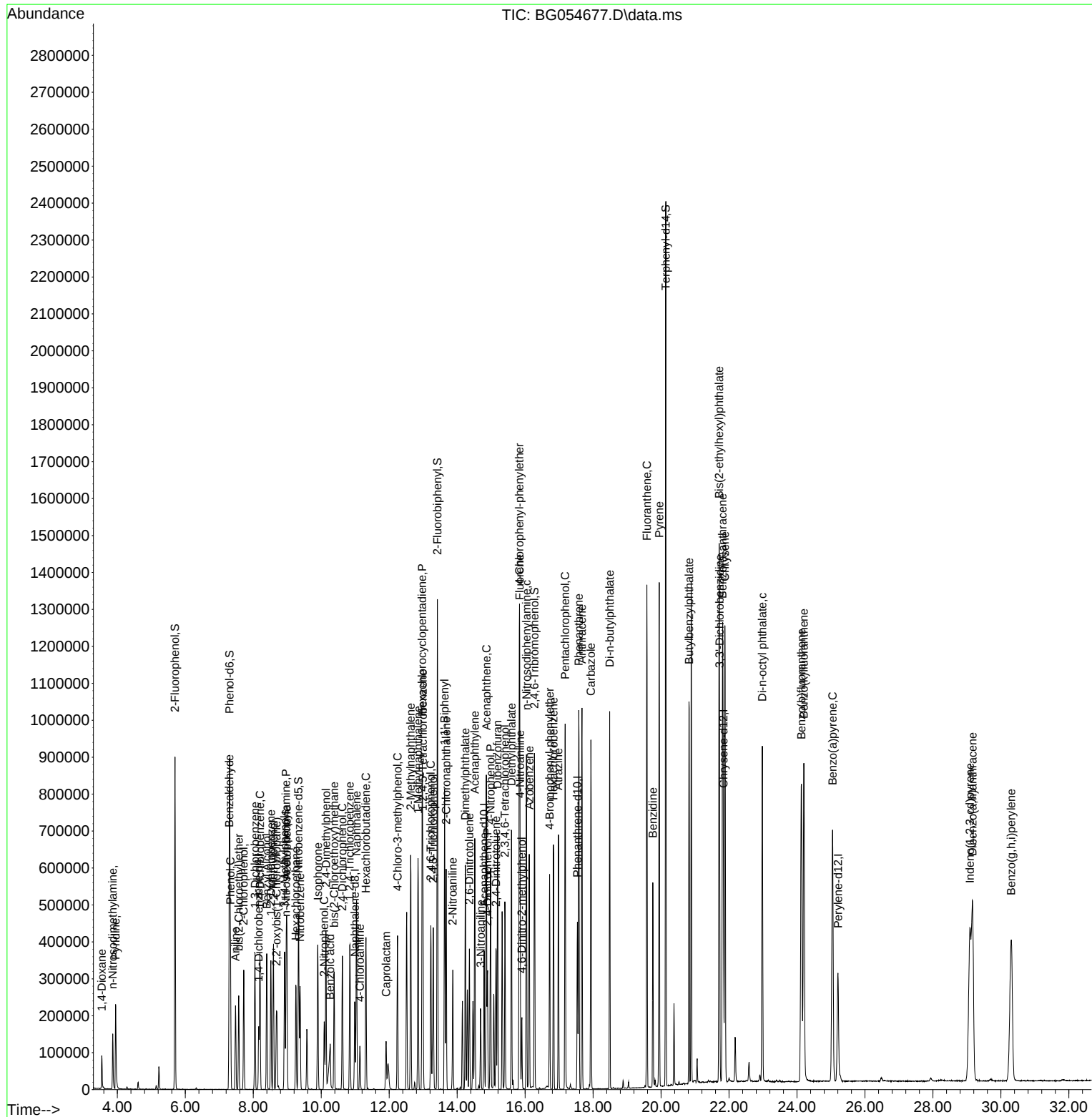
Quant Time: Aug 22 00:36:12 2022

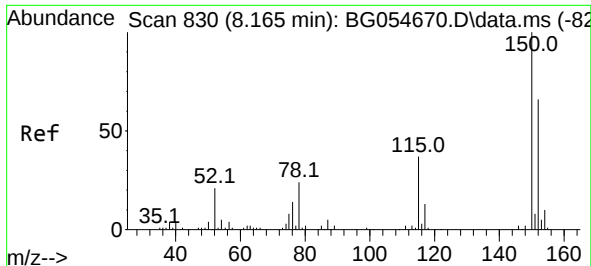
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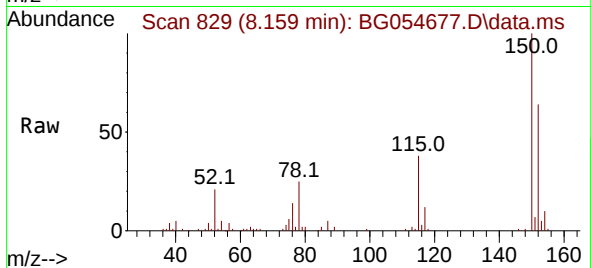
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.159 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BG054677.D
 Acq: 20 Aug 2022 1:26

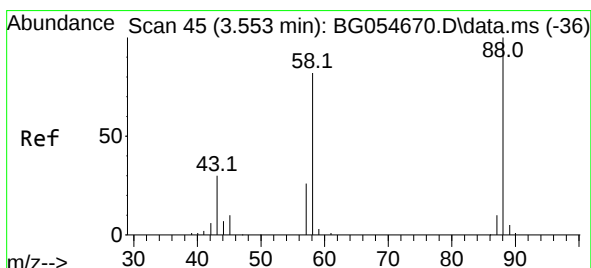
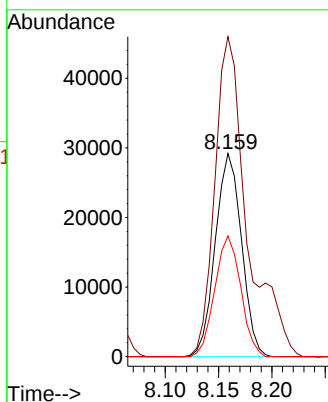
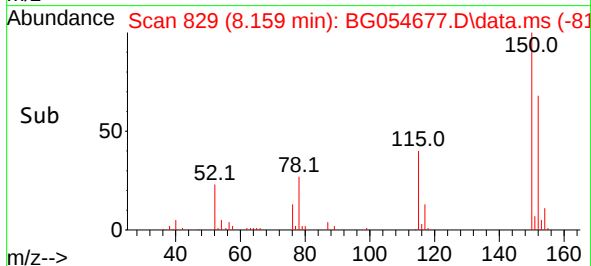
Instrument :
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 ClientSampleId :
 PB147091BS



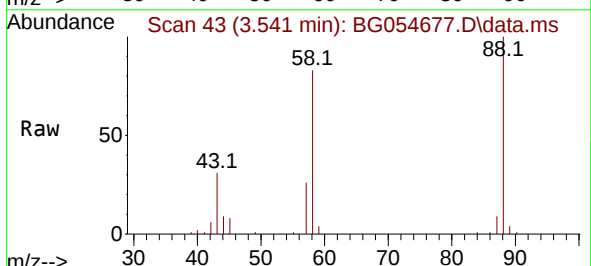
Tgt Ion:152 Resp: 49918
 Ion Ratio Lower Upper
 152 100
 150 157.5 121.7 182.5
 115 59.5 45.3 67.9

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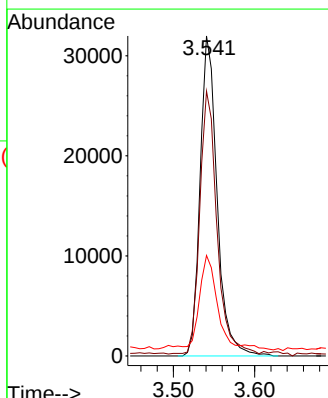
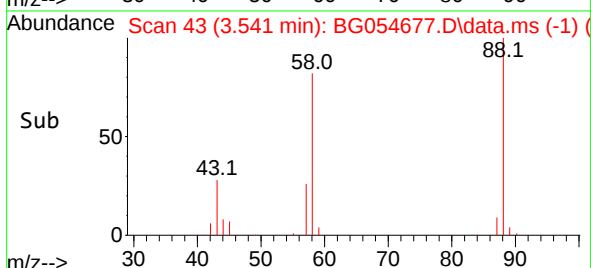
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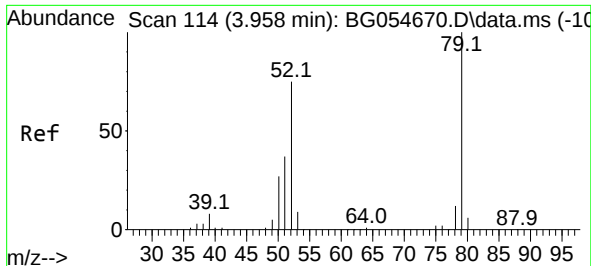


#2
 1,4-Dioxane
 Concen: 34.482 ng
 RT: 3.541 min Scan# 43
 Delta R.T. -0.012 min
 Lab File: BG054677.D
 Acq: 20 Aug 2022 1:26



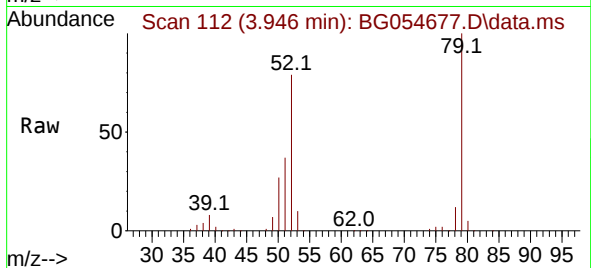
Tgt Ion: 88 Resp: 46416
 Ion Ratio Lower Upper
 88 100
 58 82.4 65.5 98.3
 43 27.7 23.5 35.3





#3
Pyridine
Concen: 35.248 ng
RT: 3.946 min Scan# 114
Delta R.T. -0.012 min
Lab File: BG054677.D
Acq: 20 Aug 2022 1:26

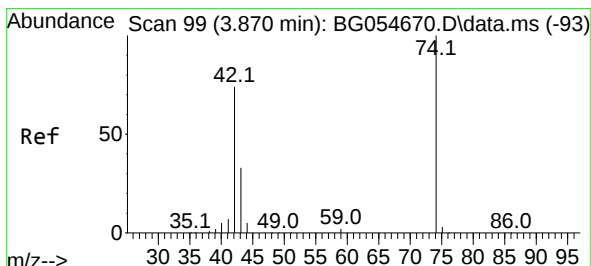
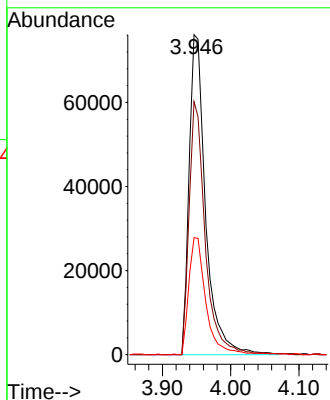
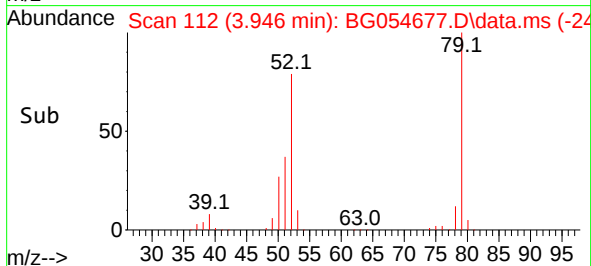
Instrument :
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ClientSampleId :
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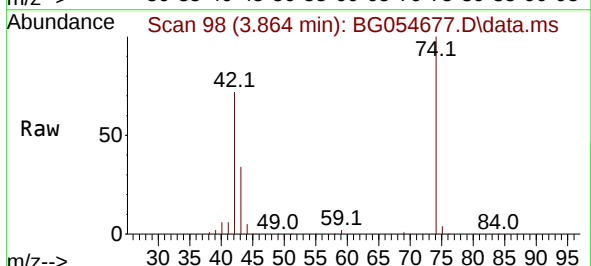
Tgt Ion: 79 Resp: 12746
Ion Ratio Lower Upper
79 100
52 79.1 59.7 89.5
51 36.5 30.2 45.2

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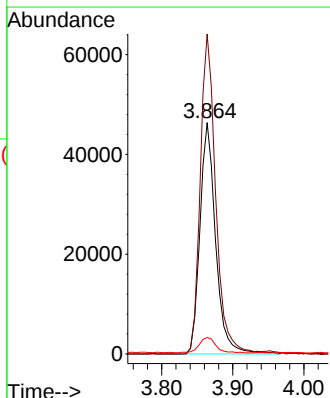
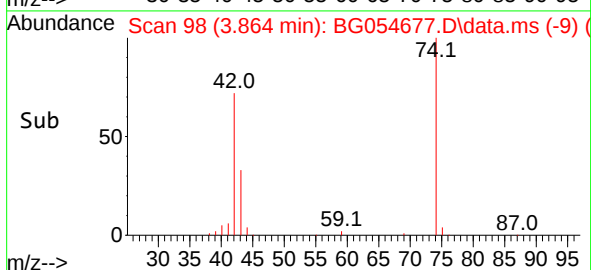
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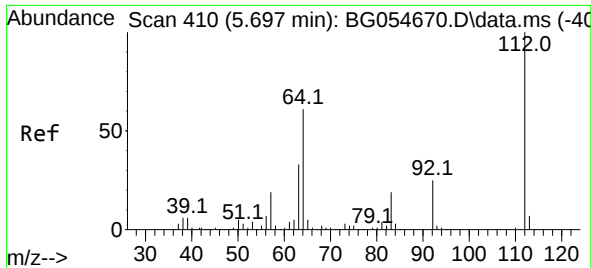


#4
n-Nitrosodimethylamine
Concen: 44.282 ng
RT: 3.864 min Scan# 98
Delta R.T. -0.006 min
Lab File: BG054677.D
Acq: 20 Aug 2022 1:26



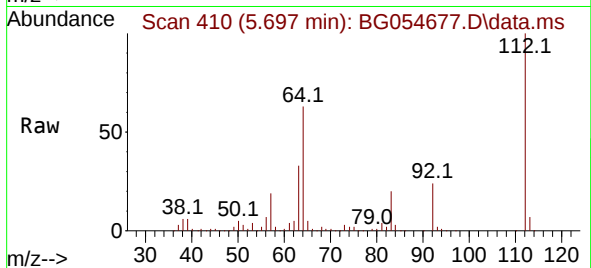
Tgt Ion: 42 Resp: 71285
Ion Ratio Lower Upper
42 100
74 138.3 108.2 162.2
44 7.1 5.4 8.0





#5
2-Fluorophenol
Concen: 146.700 ng
RT: 5.697 min Scan# 410
Delta R.T. 0.000 min
Lab File: BG054677.D
Acq: 20 Aug 2022 1:26

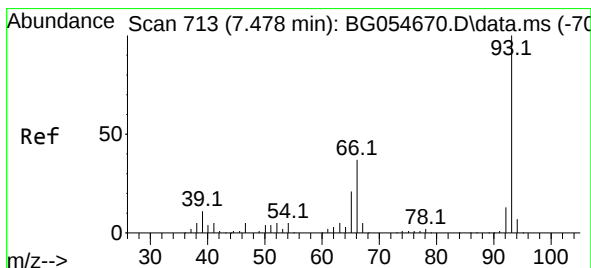
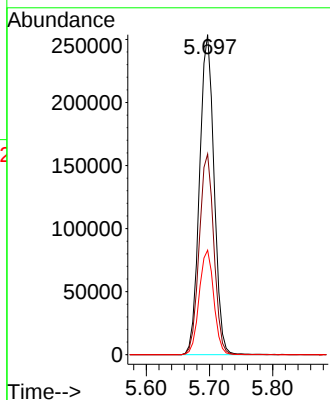
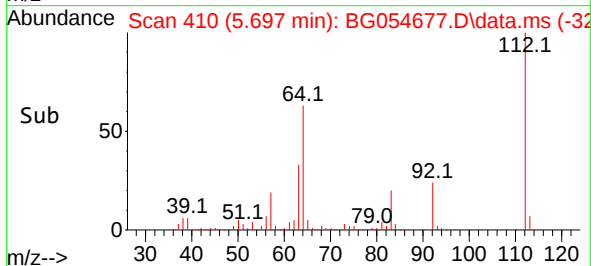
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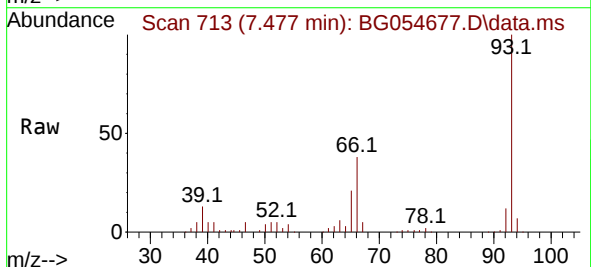
Tgt Ion:112 Resp: 404424
Ion Ratio Lower Upper
112 100
64 62.7 48.6 73.0
63 32.7 26.3 39.5

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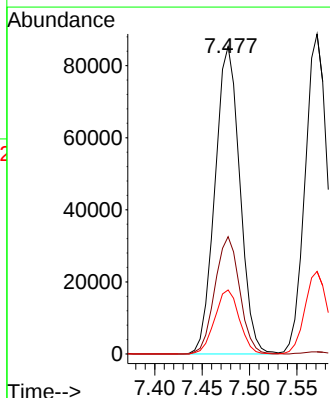
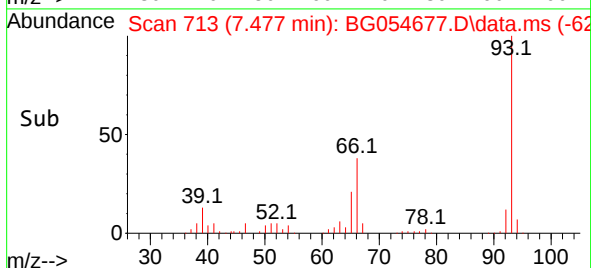
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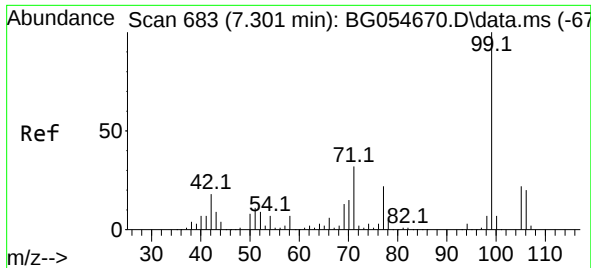


#6
Aniline
Concen: 33.737 ng
RT: 7.477 min Scan# 713
Delta R.T. -0.001 min
Lab File: BG054677.D
Acq: 20 Aug 2022 1:26



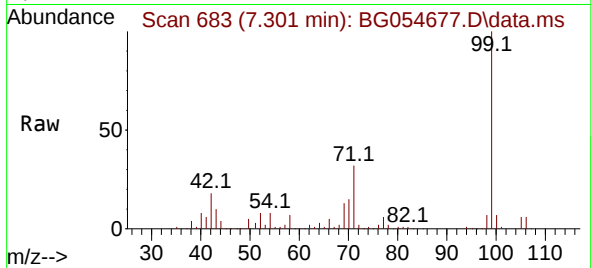
Tgt Ion: 93 Resp: 155893
Ion Ratio Lower Upper
93 100
66 38.1 29.8 44.8
65 20.8 16.5 24.7





#7
Phenol-d6
Concen: 136.572 ng
RT: 7.301 min Scan# 683
Delta R.T. 0.000 min
Lab File: BG054677.D
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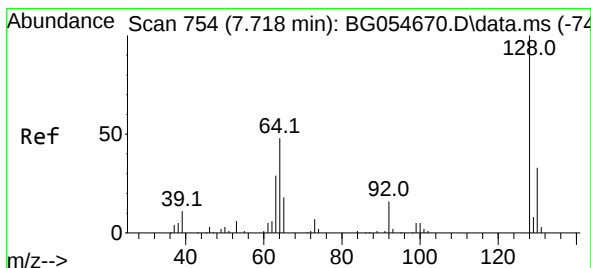
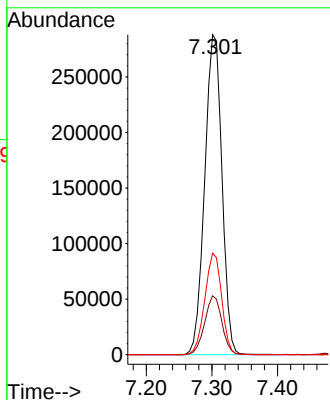
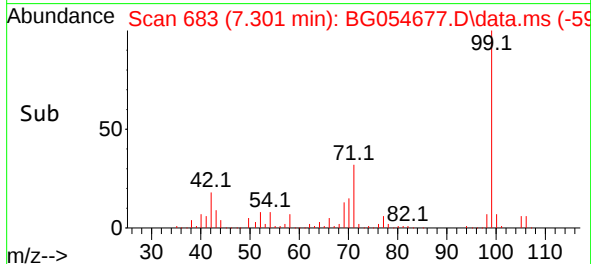
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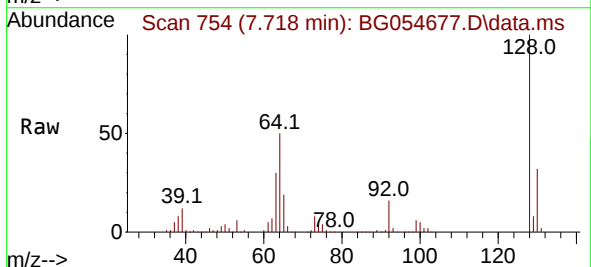
Tgt Ion: 99 Resp: 52654
Ion Ratio Lower Upper
99 100
42 18.4 14.0 21.0
71 31.7 25.3 37.9

Manual Integrations
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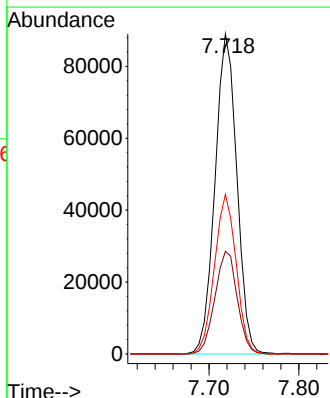
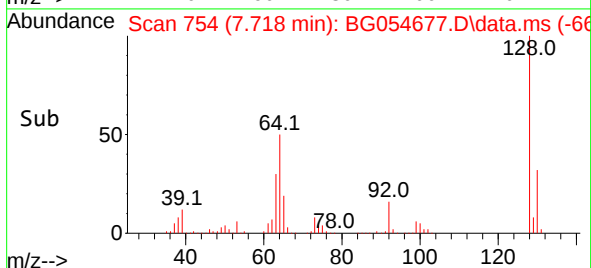
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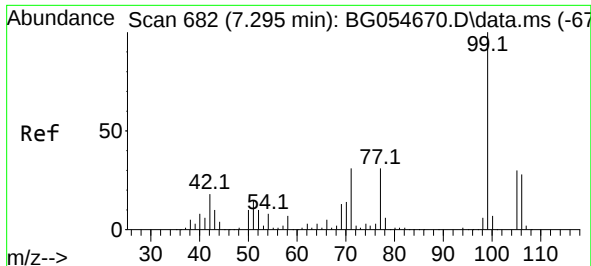


#8
2-Chlorophenol
Concen: 50.214 ng
RT: 7.718 min Scan# 754
Delta R.T. 0.000 min
Lab File: BG054677.D
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Tgt Ion:128 Resp: 150172
Ion Ratio Lower Upper
128 100
130 32.1 12.6 52.6
64 49.9 32.0 72.0





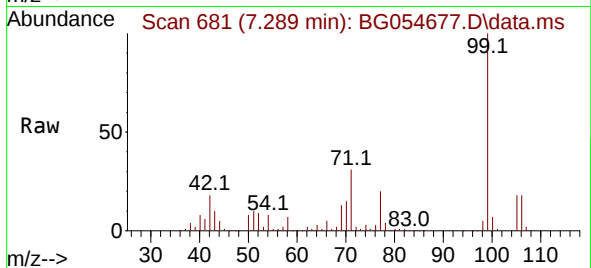
#9
Benzaldehyde
Concen: 24.331 ng
RT: 7.289 min Scan# 681
Delta R.T. -0.006 min
Lab File: BG054677.D
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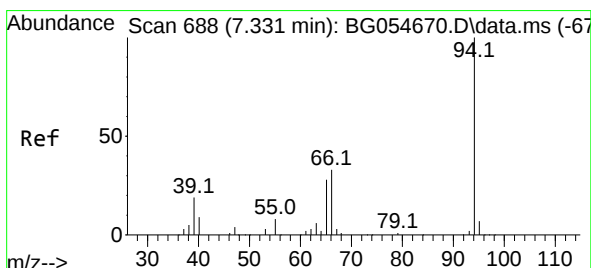
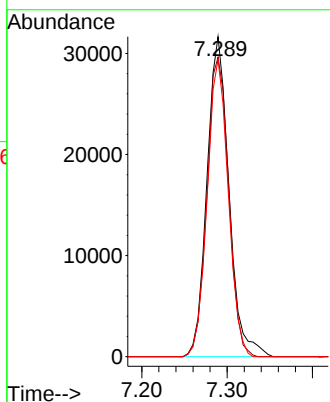
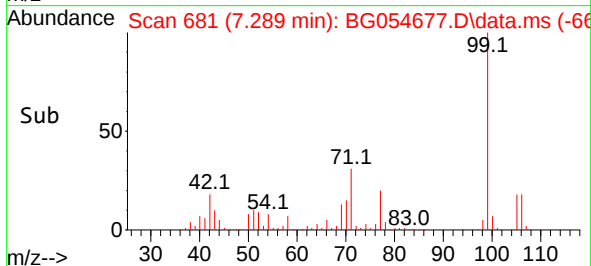
PB147091BS



Tgt Ion: 77 Resp: 5652
Ion Ratio Lower Upper
77 100
105 93.6 78.7 118.7
106 92.8 71.8 111.8

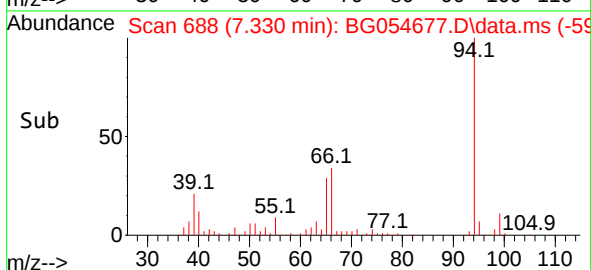
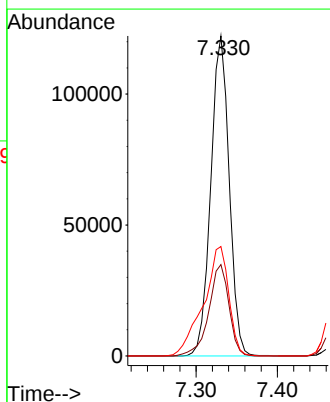
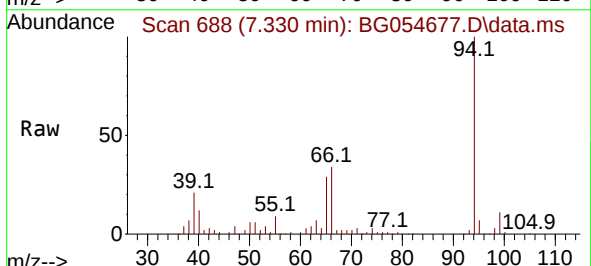
Manual Integrations
APPROVED

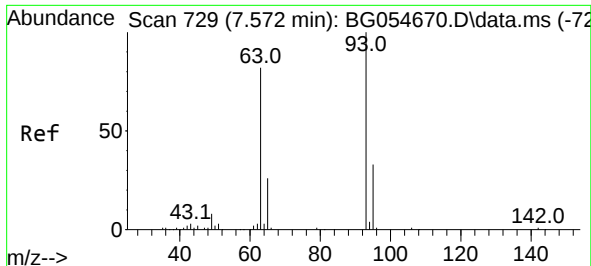
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#10
Phenol
Concen: 49.107 ng
RT: 7.330 min Scan# 688
Delta R.T. -0.000 min
Lab File: BG054677.D
Acq: 20 Aug 2022 1:26

Tgt Ion: 94 Resp: 192338
Ion Ratio Lower Upper
94 100
65 28.6 7.9 47.9
66 34.2 14.9 54.9





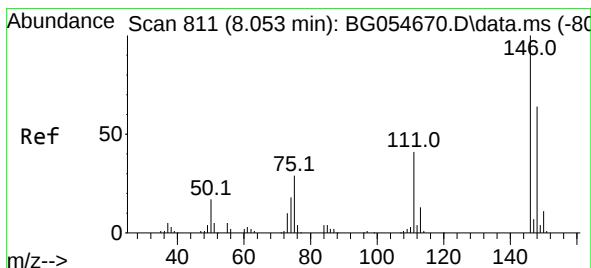
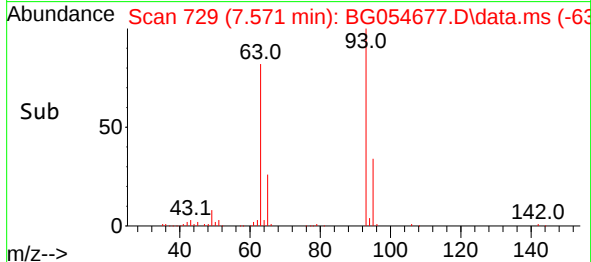
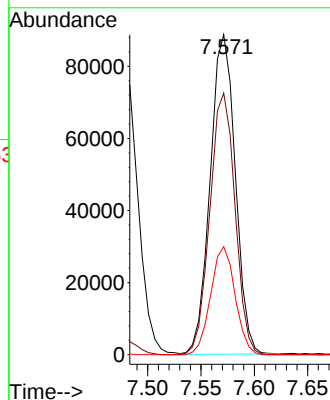
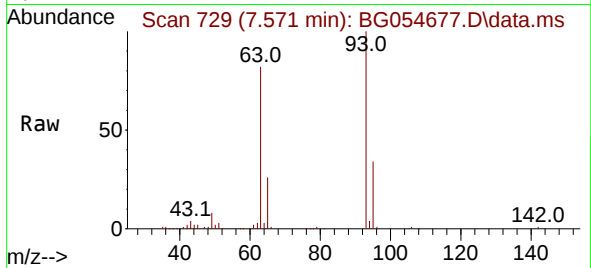
#11
bis(2-Chloroethyl)ether
Concen: 45.940 ng
RT: 7.571 min Scan# 71
Delta R.T. -0.000 min
Lab File: BG054677.D
Acq: 20 Aug 2022 1:26

Instrument :
BNA_G
ClientSampleId :
PB147091BS

Tgt Ion: 93 Resp: 145079
Ion Ratio Lower Upper
93 100
63 81.8 61.5 101.5
95 33.8 12.7 52.7

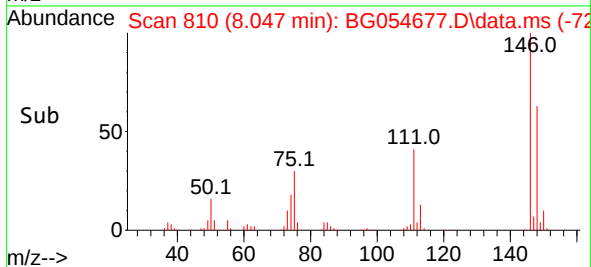
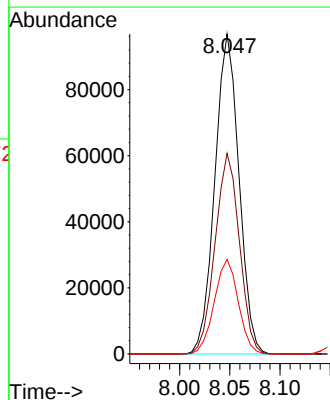
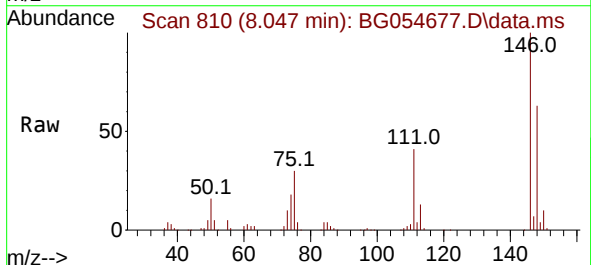
Manual Integrations
APPROVED

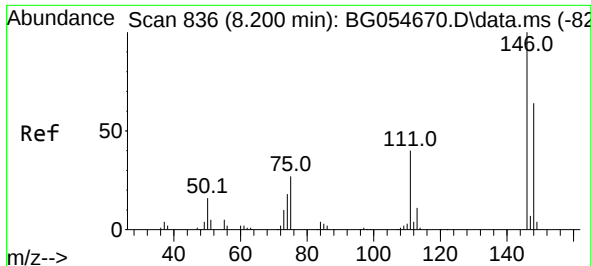
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#12
1,3-Dichlorobenzene
Concen: 46.112 ng
RT: 8.047 min Scan# 810
Delta R.T. -0.006 min
Lab File: BG054677.D
Acq: 20 Aug 2022 1:26

Tgt Ion:146 Resp: 161755
Ion Ratio Lower Upper
146 100
148 62.7 50.8 76.2
75 29.5 23.0 34.6





#13
1,4-Dichlorobenzene
Concen: 45.768 ng
RT: 8.194 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG054677.D
Acq: 20 Aug 2022 1:26

Instrument :

BNA_G

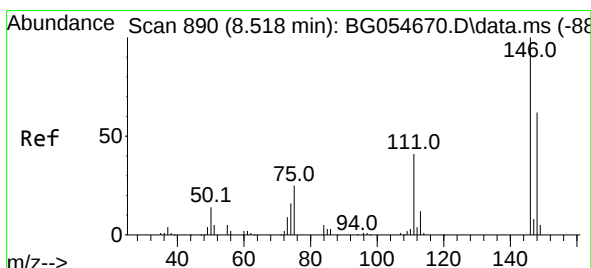
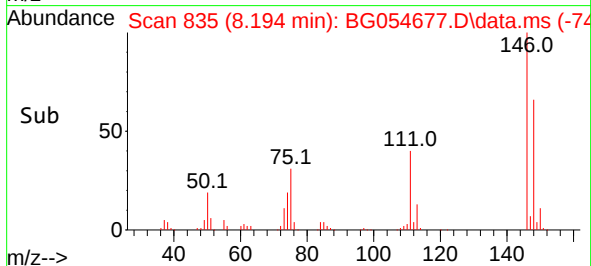
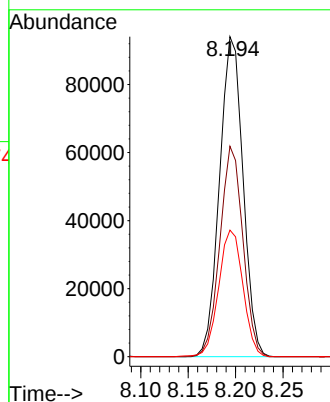
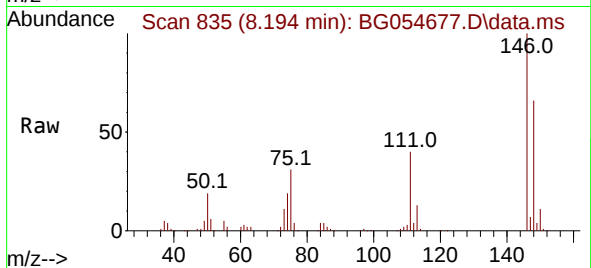
ClientSampleId :

PB147091BS

Tgt Ion:146 Resp: 162038
Ion Ratio Lower Upper
146 100
148 65.8 51.6 77.4
111 39.6 32.6 49.0

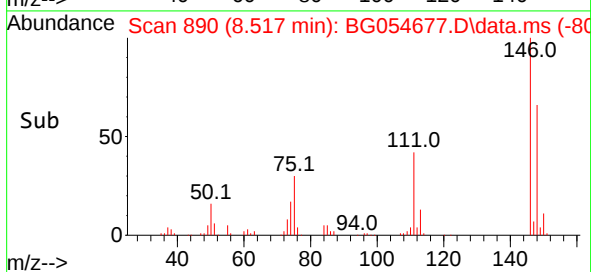
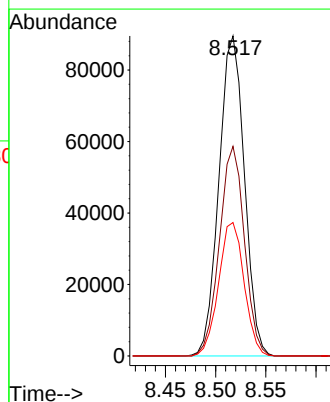
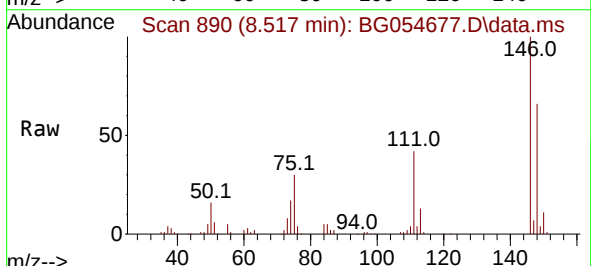
Manual Integrations
APPROVED

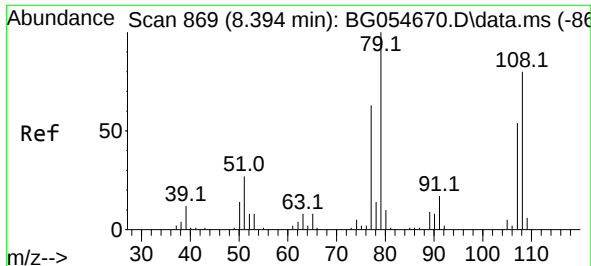
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#14
1,2-Dichlorobenzene
Concen: 47.035 ng
RT: 8.517 min Scan# 890
Delta R.T. -0.000 min
Lab File: BG054677.D
Acq: 20 Aug 2022 1:26

Tgt Ion:146 Resp: 157863
Ion Ratio Lower Upper
146 100
148 65.5 49.8 74.6
111 41.7 33.0 49.4





#15

Benzyl Alcohol

Concen: 47.817 ng

RT: 8.394 min Scan# 80

Delta R.T. -0.000 min

Lab File: BG054677.D

Acq: 20 Aug 2022 1:26

Instrument :

BNA_G

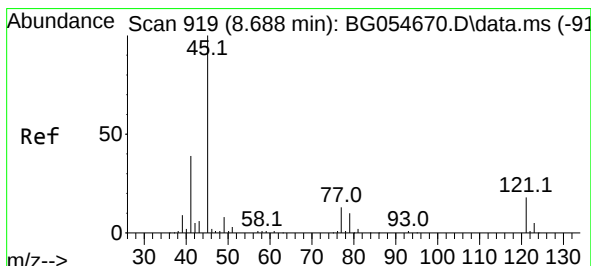
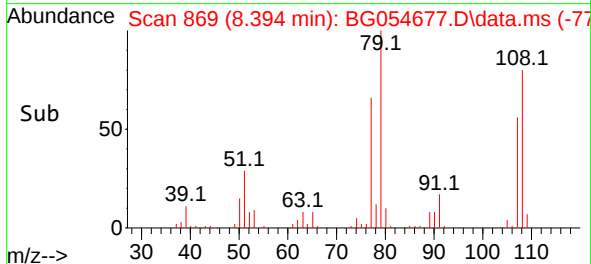
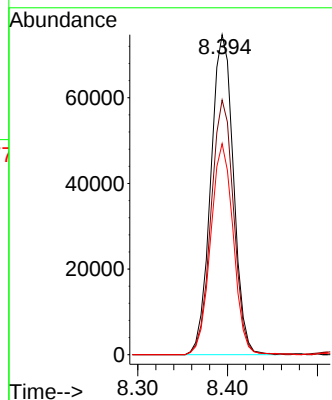
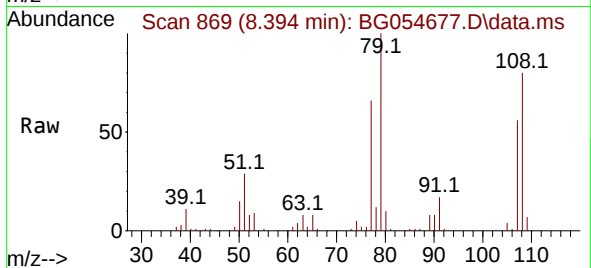
ClientSampleId :

PB147091BS

Tgt Ion: 79	Resp: 13109
Ion Ratio	Lower Upper
79	100
108	79.6 63.6 95.4
77	65.9 50.5 75.7

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.311 ng

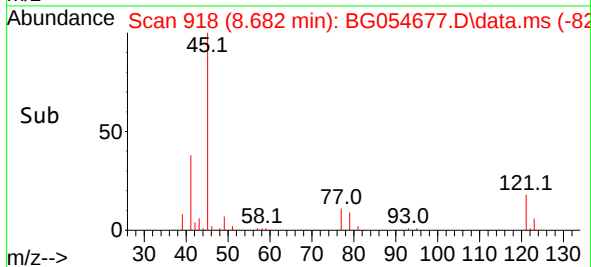
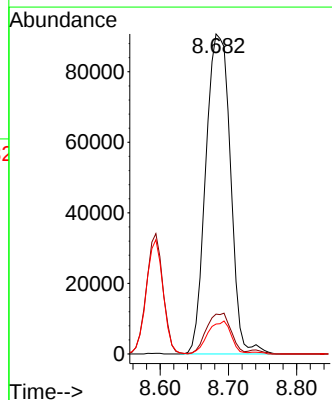
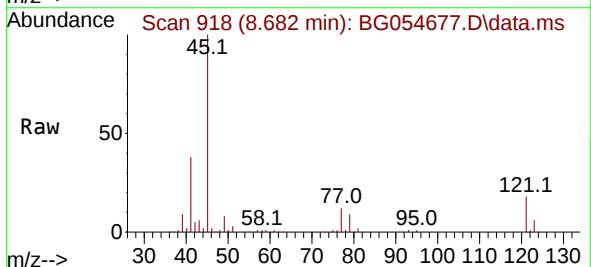
RT: 8.682 min Scan# 918

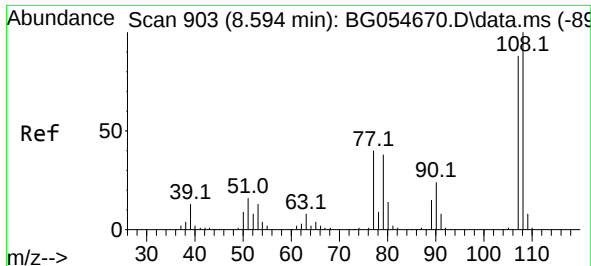
Delta R.T. -0.006 min

Lab File: BG054677.D

Acq: 20 Aug 2022 1:26

Tgt Ion: 45	Resp: 228028
Ion Ratio	Lower Upper
45	100
77	12.5 0.0 32.9
79	9.4 0.0 29.9





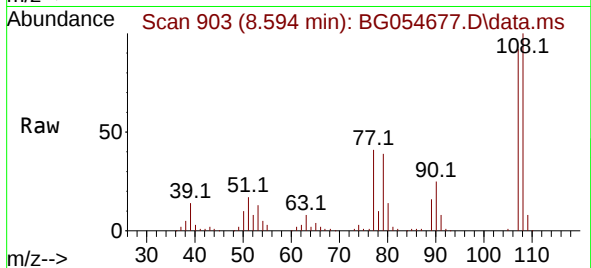
#17
2-Methylphenol
Concen: 48.637 ng
RT: 8.594 min Scan# 903
Delta R.T. -0.000 min
Lab File: BG054677.D
Acq: 20 Aug 2022 1:26

Instrument :

BNA_G

ClientSampleId :

PB147091BS

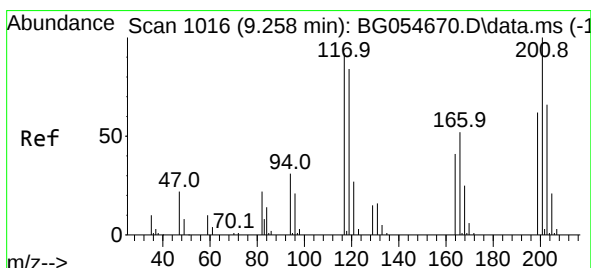
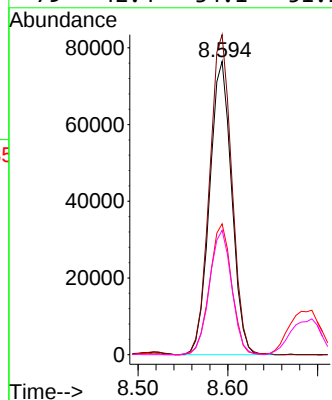


Tgt Ion	Ratio	Lower	Upper
107	100		
108	109.1	90.4	135.6
77	44.6	36.5	54.7
79	42.4	34.1	51.1

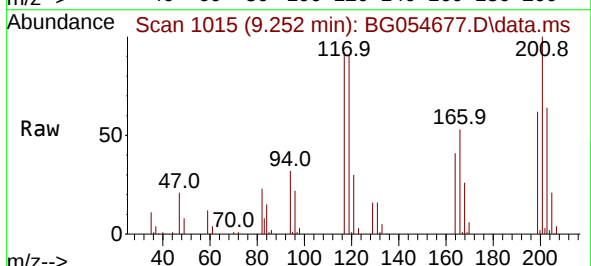
Manual Integrations

APPROVED

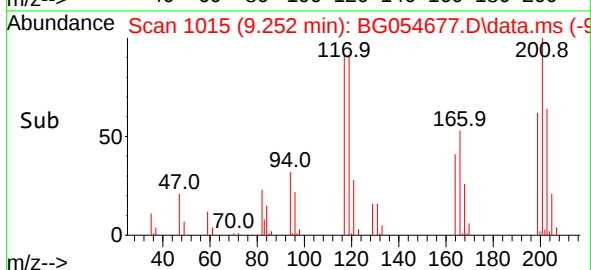
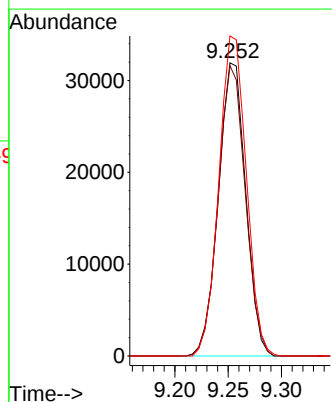
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

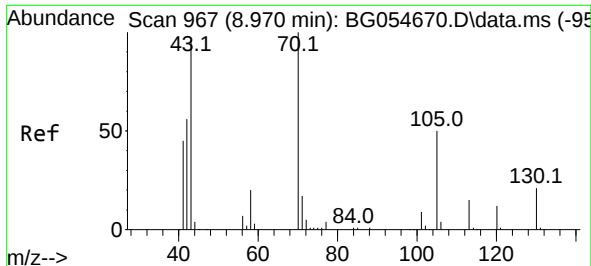


#18
Hexachloroethane
Concen: 46.020 ng
RT: 9.252 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BG054677.D
Acq: 20 Aug 2022 1:26



Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.0	73.0	109.6
201	109.1	87.2	130.8





#19

n-Nitroso-di-n-propylamine

Concen: 44.838 ng

RT: 8.964 min Scan# 90

Delta R.T. -0.006 min

Lab File: BG054677.D

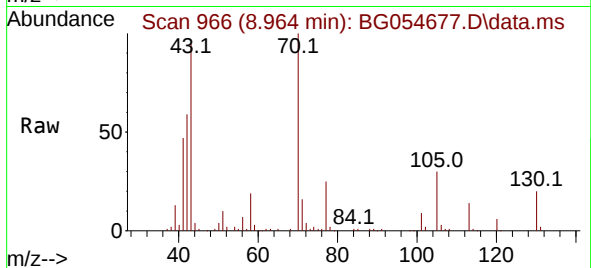
Acq: 20 Aug 2022 1:26

Instrument :

BNA_G

ClientSampleId :

PB147091BS



Tgt Ion: 70 Resp: 113530

Ion Ratio Lower Upper

70 100

42 58.9 45.8 68.8

101 8.8 7.1 10.7

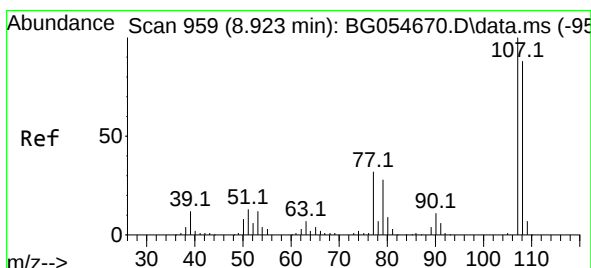
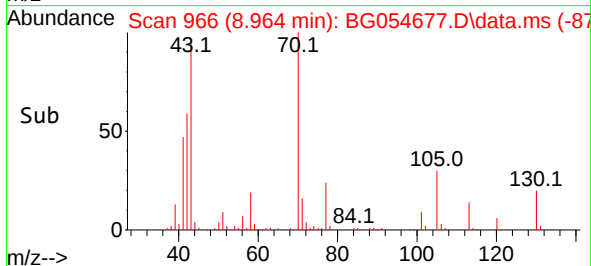
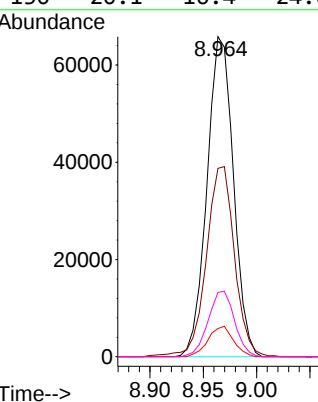
130 20.1 16.4 24.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/22/2022

Supervised By :Jagrut Upadhyay 08/22/2022



#20

3+4-Methylphenols

Concen: 47.126 ng

RT: 8.923 min Scan# 959

Delta R.T. -0.000 min

Lab File: BG054677.D

Acq: 20 Aug 2022 1:26

Tgt Ion:107 Resp: 174513

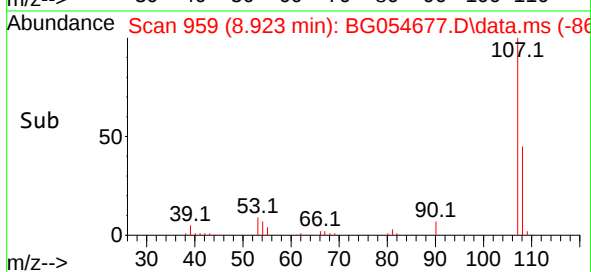
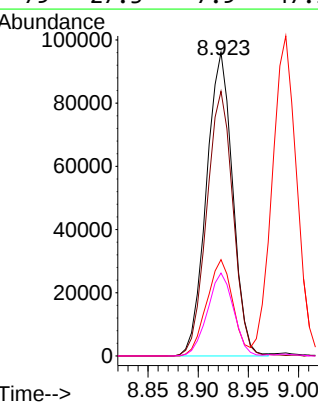
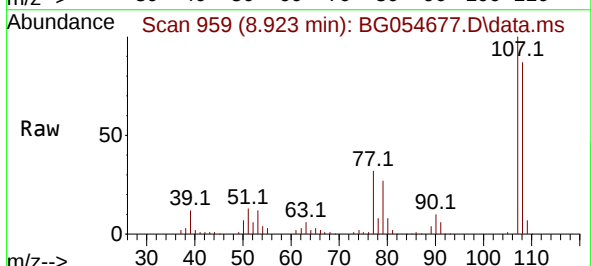
Ion Ratio Lower Upper

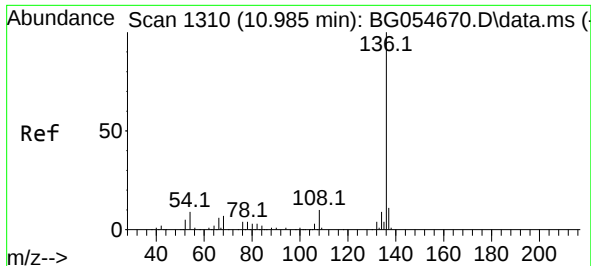
107 100

108 87.2 67.5 107.5

77 31.7 12.1 52.1

79 27.3 7.9 47.9





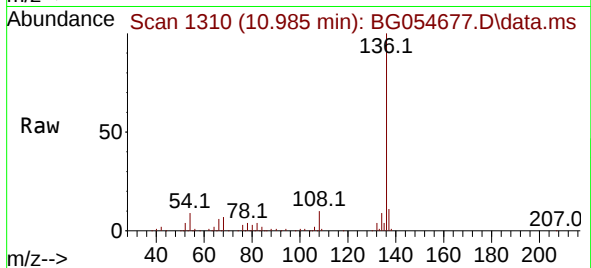
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.985 min Scan# 1310
Delta R.T. -0.000 min
Lab File: BG054677.D
Acq: 20 Aug 2022 1:26

Instrument :

BNA_G

ClientSampleId :

PB147091BS

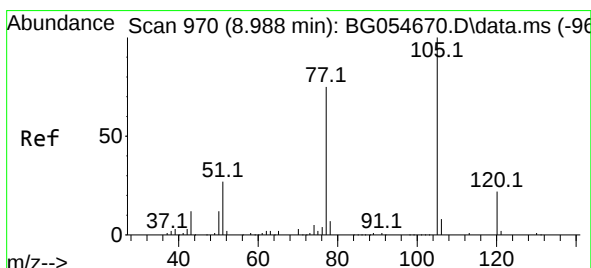
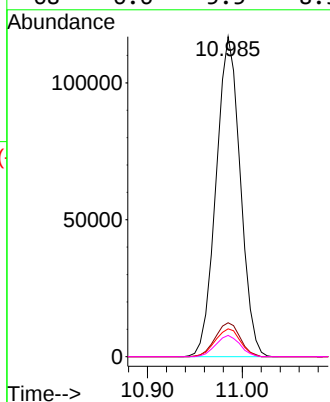
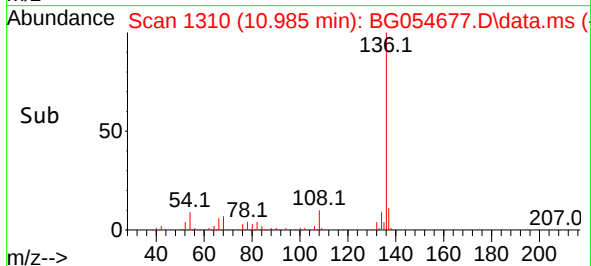


Tgt Ion:136 Resp: 20751
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.6
54 8.7 7.4 11.0
68 6.6 5.5 8.3

Manual Integrations

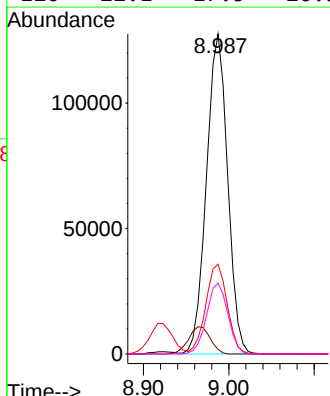
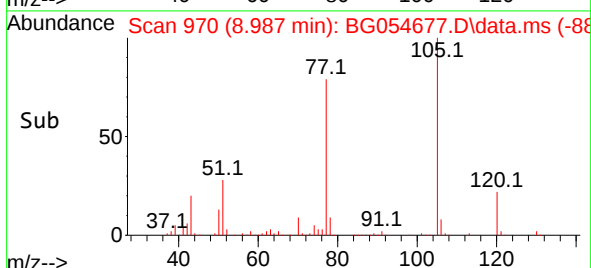
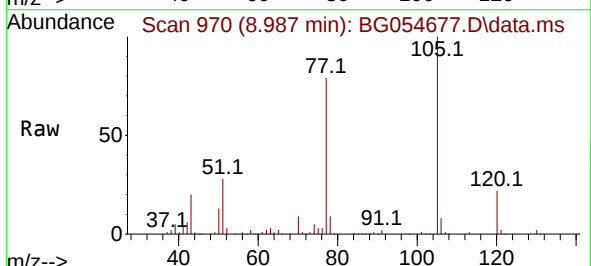
APPROVED

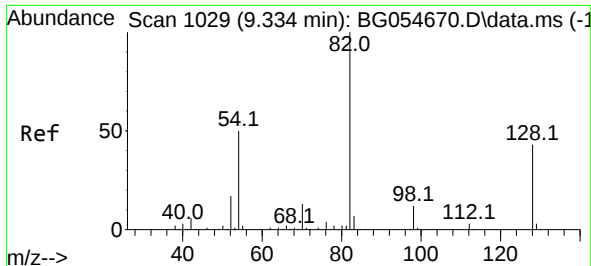
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#22
Acetophenone
Concen: 43.993 ng
RT: 8.987 min Scan# 970
Delta R.T. -0.000 min
Lab File: BG054677.D
Acq: 20 Aug 2022 1:26

Tgt Ion:105 Resp: 220284
Ion Ratio Lower Upper
105 100
71 1.5 1.4 2.2
51 28.1 22.6 34.0
120 22.1 17.5 26.3





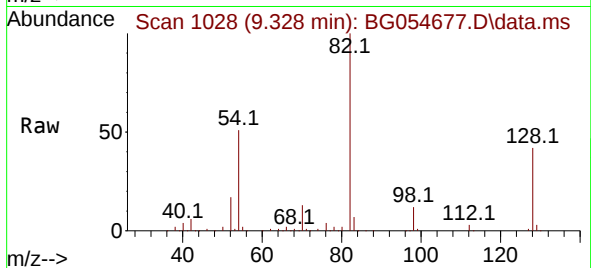
#23
Nitrobenzene-d5
Concen: 84.335 ng
RT: 9.328 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BG054677.D
Acq: 20 Aug 2022 1:26

Instrument :

BNA_G

ClientSampleId :

PB147091BS

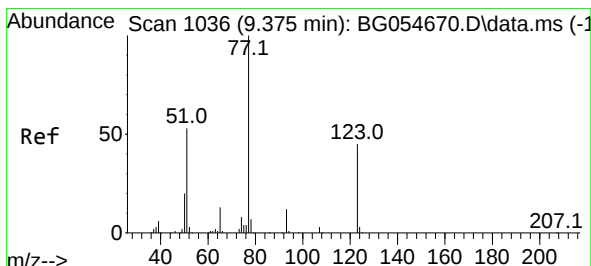
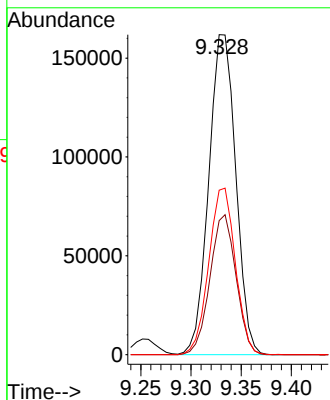
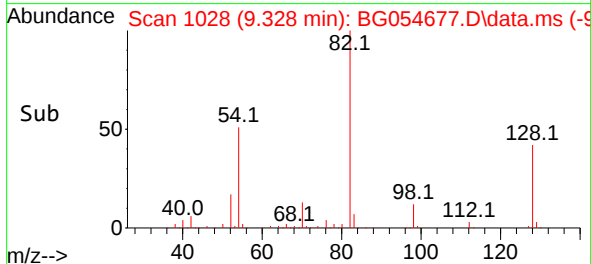


Tgt Ion: 82 Resp: 30312
Ion Ratio Lower Upper
82 100
128 41.9 34.3 51.5
54 51.4 40.0 60.0

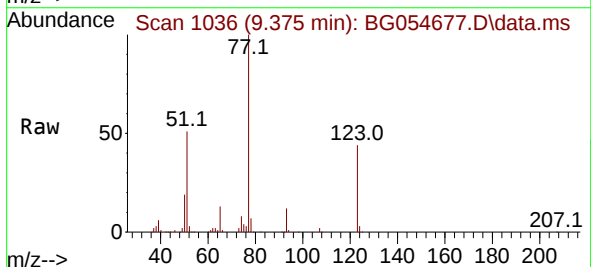
Manual Integrations

APPROVED

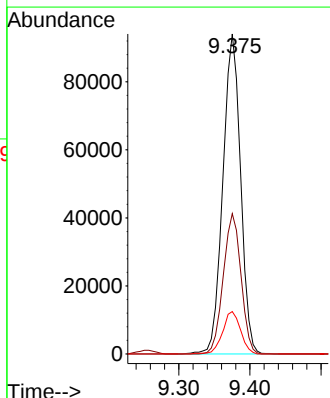
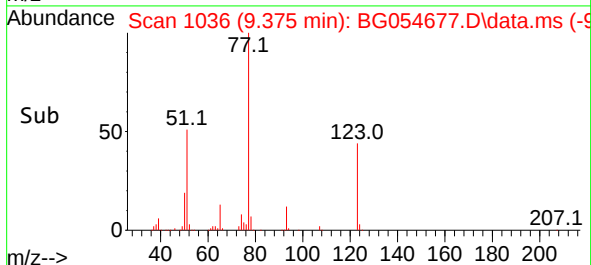
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

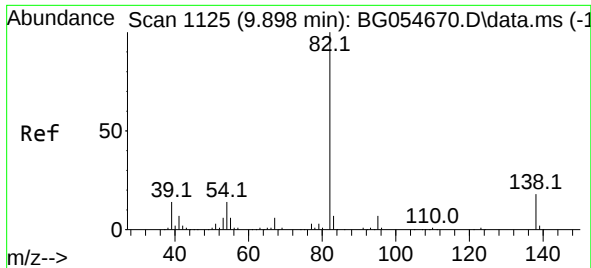


#24
Nitrobenzene
Concen: 44.434 ng
RT: 9.375 min Scan# 1036
Delta R.T. 0.000 min
Lab File: BG054677.D
Acq: 20 Aug 2022 1:26



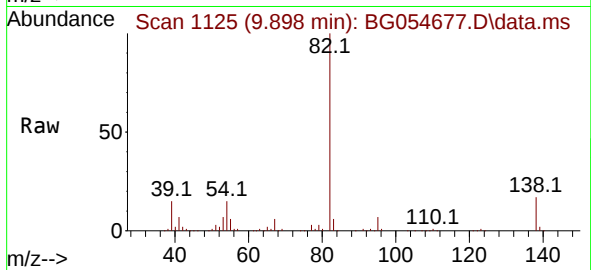
Tgt Ion: 77 Resp: 162219
Ion Ratio Lower Upper
77 100
123 43.9 36.2 54.2
65 13.2 10.7 16.1





#25
Isophorone
Concen: 45.256 ng
RT: 9.898 min Scan# 1125
Delta R.T. -0.000 min
Lab File: BG054677.D
Acq: 20 Aug 2022 1:26

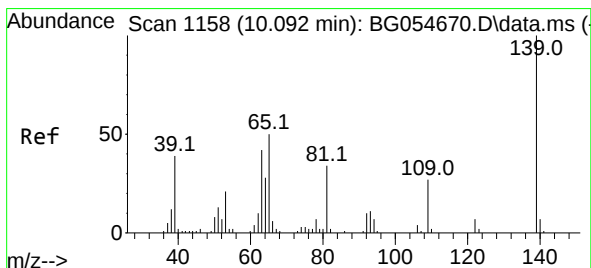
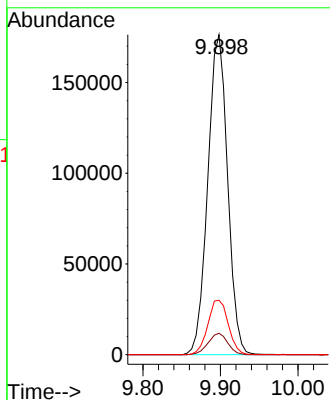
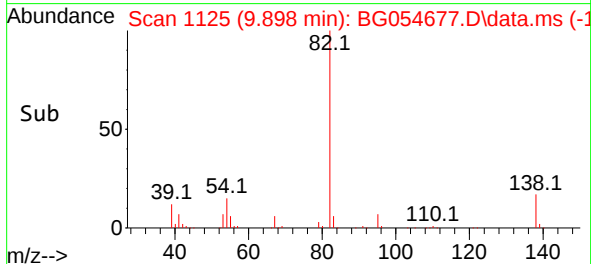
Instrument :
BNA_G
ClientSampleId :
PB147091BS



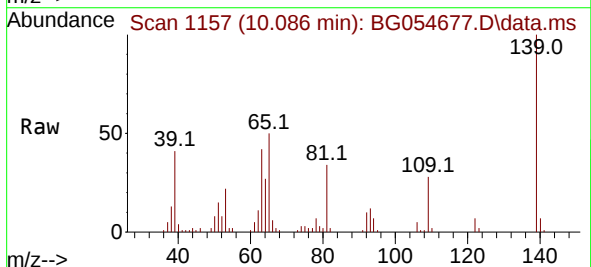
Tgt Ion: 82 Resp: 31239
Ion Ratio Lower Upper
82 100
95 6.7 5.3 7.9
138 17.0 14.0 21.0

Manual Integrations
APPROVED

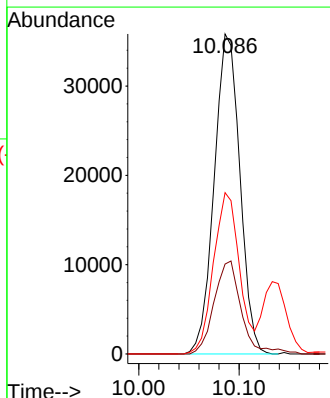
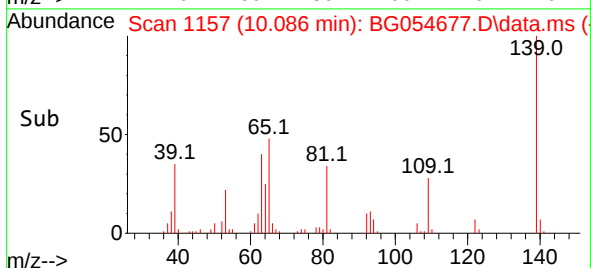
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

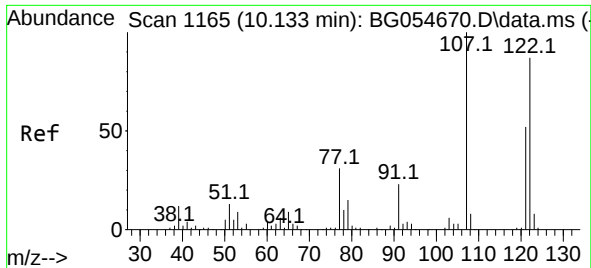


#26
2-Nitrophenol
Concen: 45.212 ng
RT: 10.086 min Scan# 1157
Delta R.T. -0.006 min
Lab File: BG054677.D
Acq: 20 Aug 2022 1:26



Tgt Ion:139 Resp: 63559
Ion Ratio Lower Upper
139 100
109 28.1 21.8 32.6
65 50.4 40.3 60.5





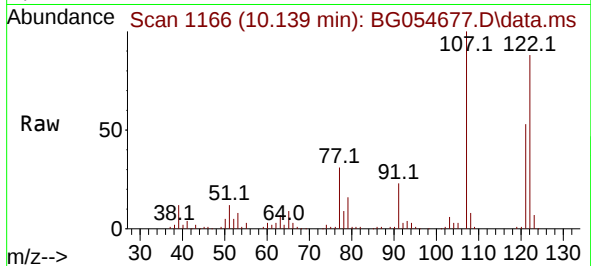
#27
2,4-Dimethylphenol
Concen: 53.564 ng
RT: 10.139 min Scan# 1165
Delta R.T. 0.006 min
Lab File: BG054677.D
Acq: 20 Aug 2022 1:26

Instrument :

BNA_G

ClientSampleId :

PB147091BS

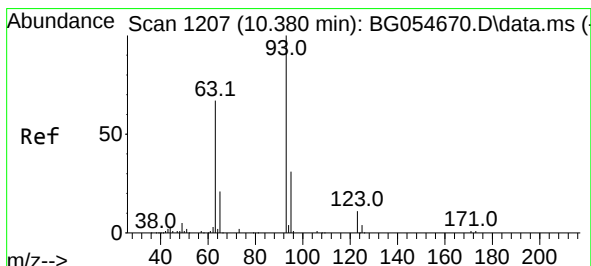
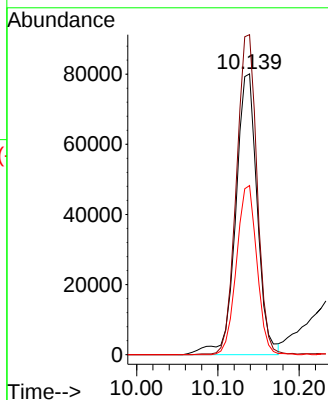
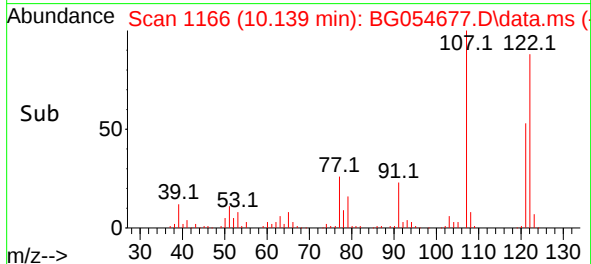


Tgt Ion:122 Resp: 14696
Ion Ratio Lower Upper
122 100
107 114.0 92.0 138.0
121 60.3 48.1 72.1

Manual Integrations

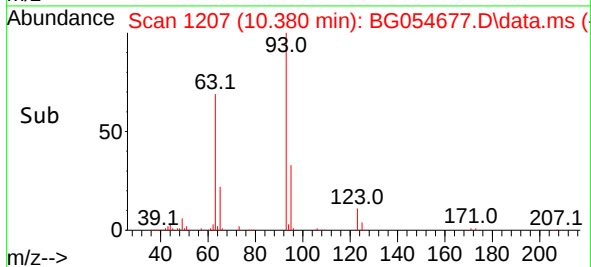
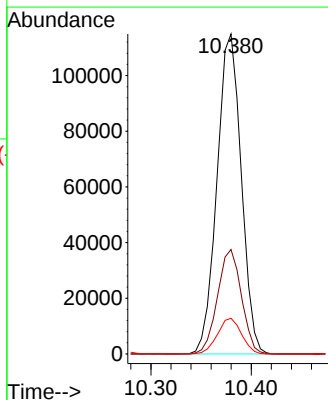
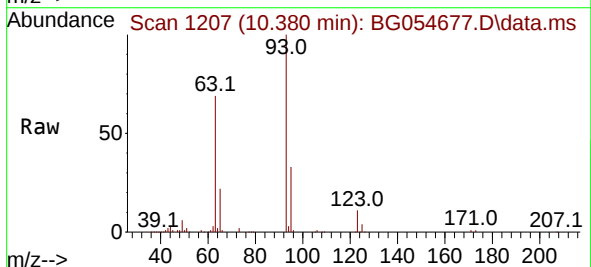
APPROVED

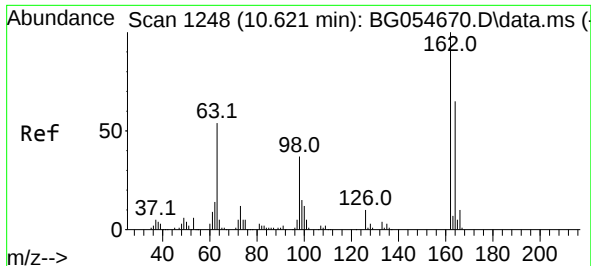
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#28
bis(2-Chloroethoxy)methane
Concen: 48.567 ng
RT: 10.380 min Scan# 1207
Delta R.T. -0.000 min
Lab File: BG054677.D
Acq: 20 Aug 2022 1:26

Tgt Ion: 93 Resp: 192566
Ion Ratio Lower Upper
93 100
95 32.7 24.6 36.8
123 11.2 8.6 12.8





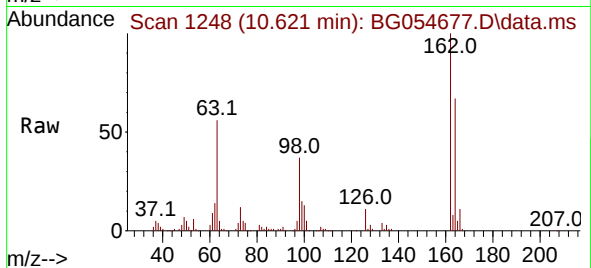
#29
2,4-Dichlorophenol
Concen: 46.977 ng
RT: 10.621 min Scan# 1248
Delta R.T. -0.000 min
Lab File: BG054677.D
Acq: 20 Aug 2022 1:26

Instrument :

BNA_G

ClientSampleId :

PB147091BS

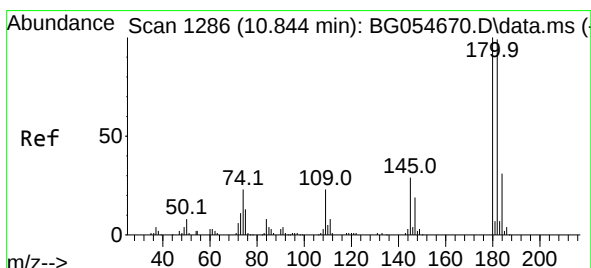
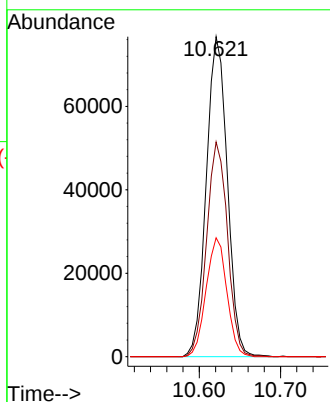
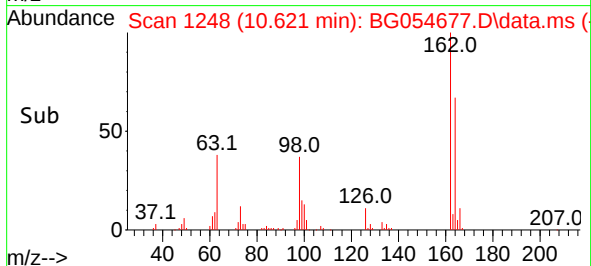


Tgt Ion:162 Resp: 137909
Ion Ratio Lower Upper
162 100
164 67.1 45.4 85.4
98 37.1 17.1 57.1

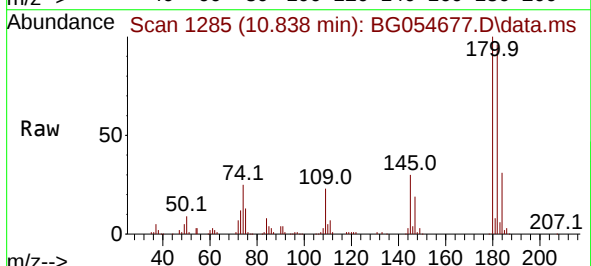
Manual Integrations

APPROVED

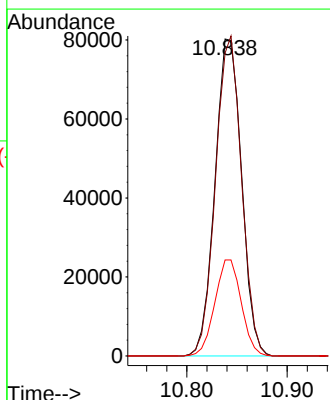
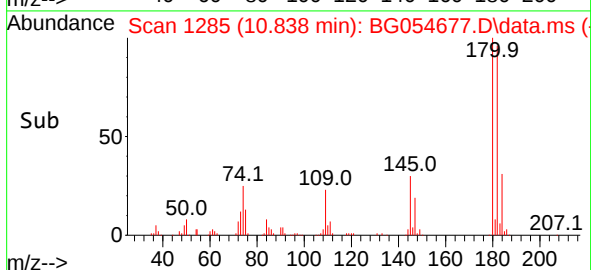
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

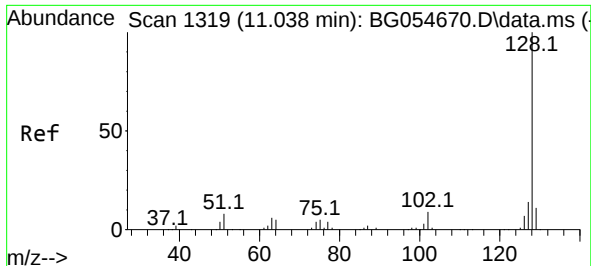


#30
1,2,4-Trichlorobenzene
Concen: 42.003 ng
RT: 10.838 min Scan# 1285
Delta R.T. -0.006 min
Lab File: BG054677.D
Acq: 20 Aug 2022 1:26



Tgt Ion:180 Resp: 147504
Ion Ratio Lower Upper
180 100
182 95.6 79.4 119.0
145 30.3 23.6 35.4





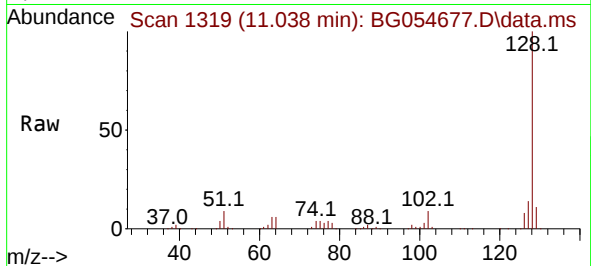
#31
Naphthalene
Concen: 42.515 ng
RT: 11.038 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG054677.D
Acq: 20 Aug 2022 1:26

Instrument :

BNA_G

ClientSampleId :

PB147091BS

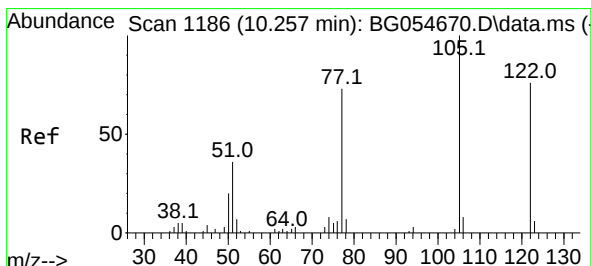
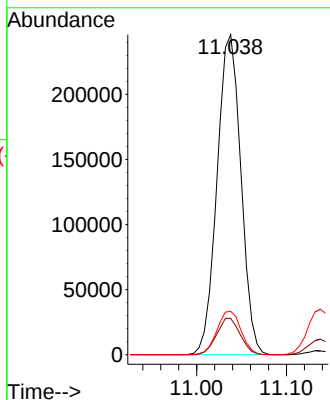
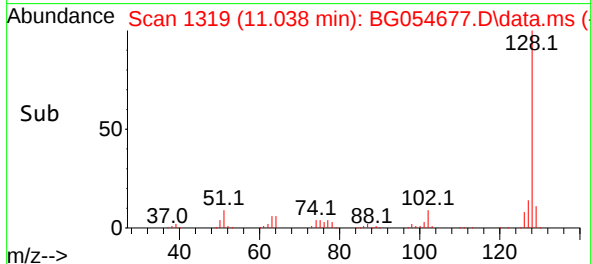


Tgt Ion:128 Resp: 453502
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.5 11.0 16.4

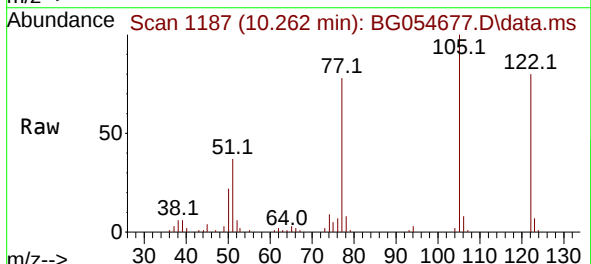
Manual Integrations

APPROVED

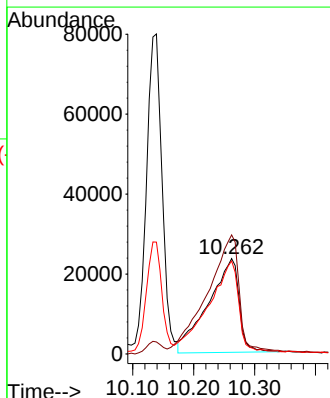
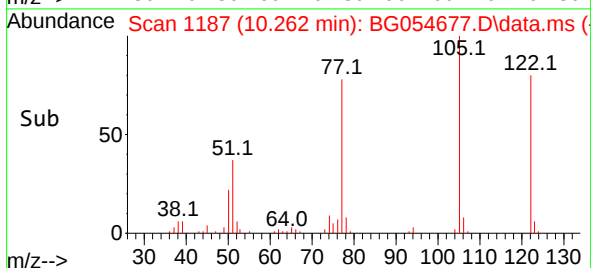
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

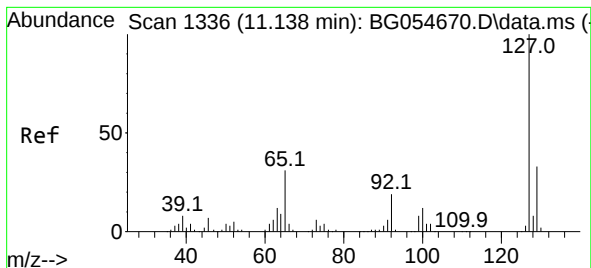


#32
Benzoic acid
Concen: 44.346 ng
RT: 10.262 min Scan# 1187
Delta R.T. 0.005 min
Lab File: BG054677.D
Acq: 20 Aug 2022 1:26



Tgt Ion:122 Resp: 82382
Ion Ratio Lower Upper
122 100
105 124.9 105.3 145.3
77 97.6 74.7 114.7





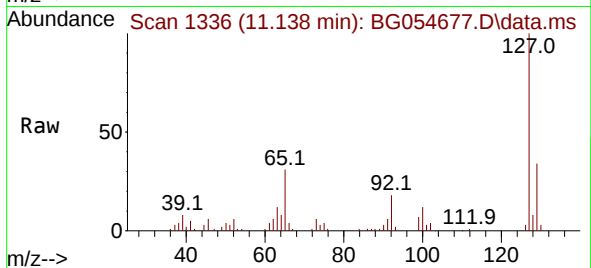
#33
4-Chloroaniline
Concen: 15.317 ng
RT: 11.138 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG054677.D
Acq: 20 Aug 2022 1:26

Instrument :

BNA_G

ClientSampleId :

PB147091BS

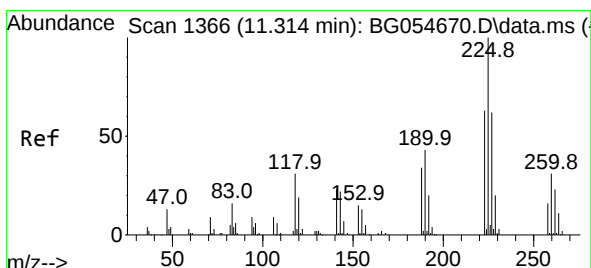
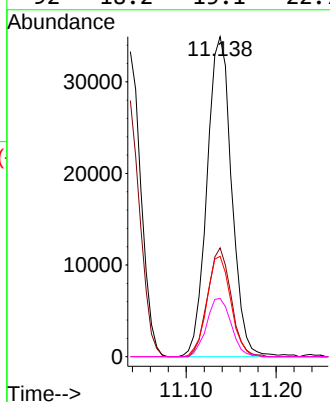
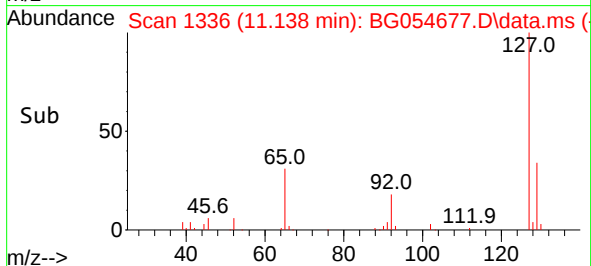


Tgt Ion:127 Resp: 66520
Ion Ratio Lower Upper
127 100
129 34.0 26.4 39.6
65 31.4 24.6 36.8
92 18.2 15.1 22.7

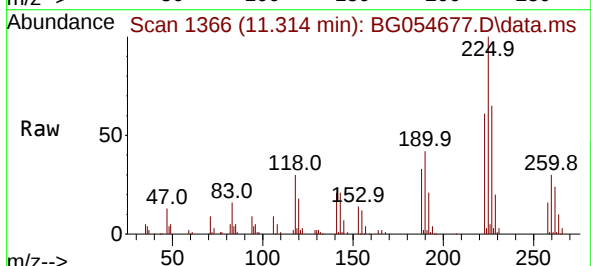
Manual Integrations

APPROVED

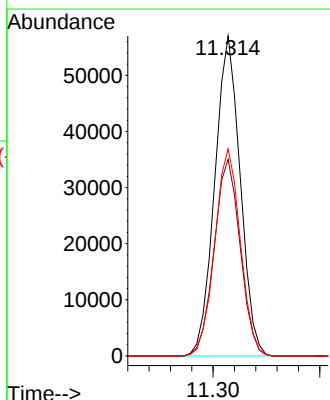
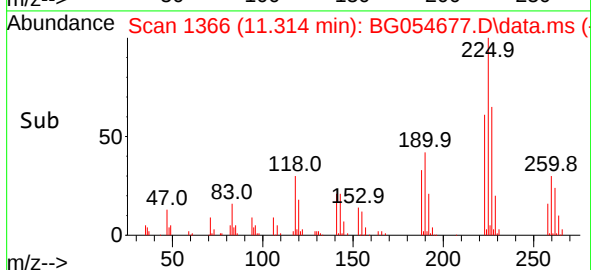
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

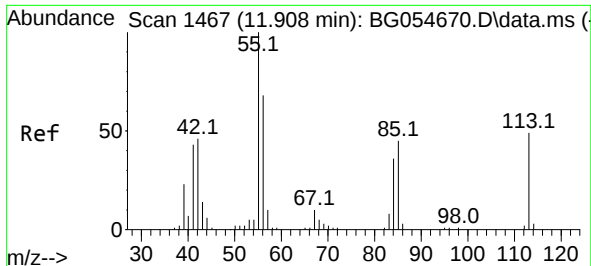


#34
Hexachlorobutadiene
Concen: 41.812 ng
RT: 11.314 min Scan# 1366
Delta R.T. -0.000 min
Lab File: BG054677.D
Acq: 20 Aug 2022 1:26



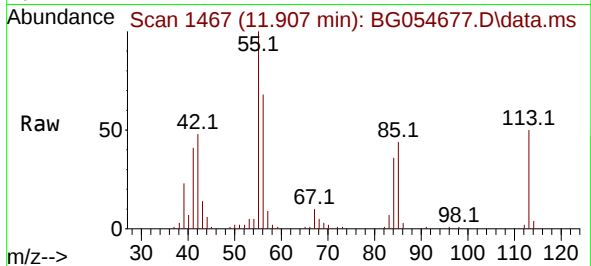
Tgt Ion:225 Resp: 94333
Ion Ratio Lower Upper
225 100
223 61.4 50.2 75.4
227 64.7 49.6 74.4





#35
Caprolactam
Concen: 48.330 ng m
RT: 11.907 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BG054677.D
Acq: 20 Aug 2022 1:26

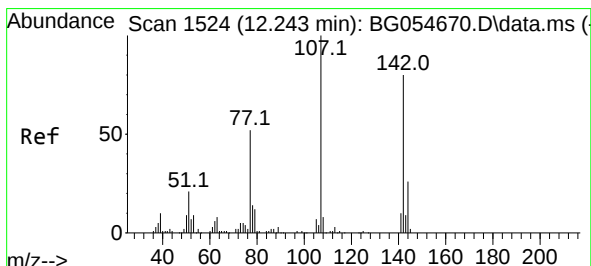
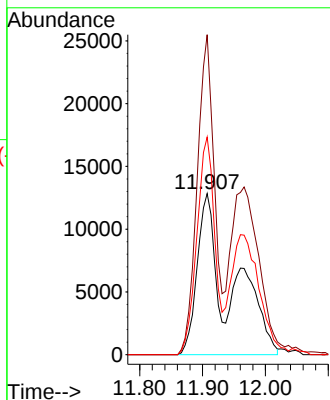
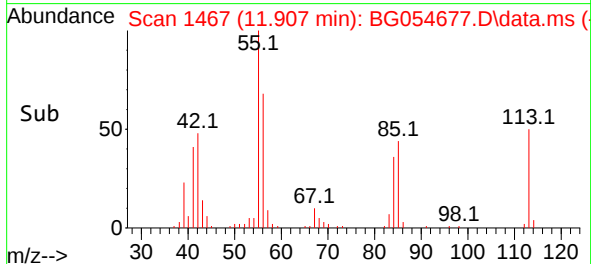
Instrument :
BNA_G
ClientSampleId :
PB147091BS



Tgt Ion:113 Resp: 46168
Ion Ratio Lower Upper
113 100
55 198.6 186.1 226.1
56 135.1 121.1 161.1

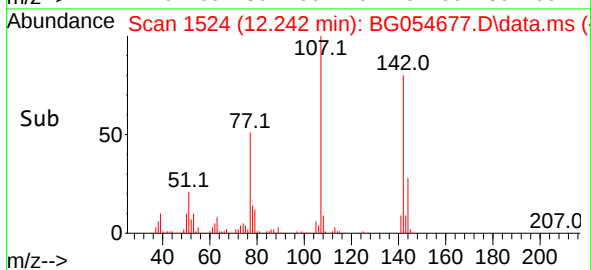
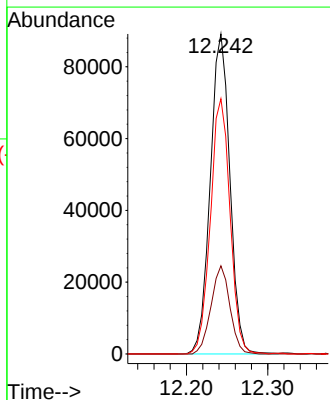
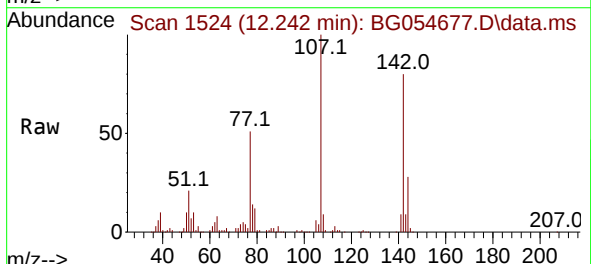
Manual Integrations
APPROVED

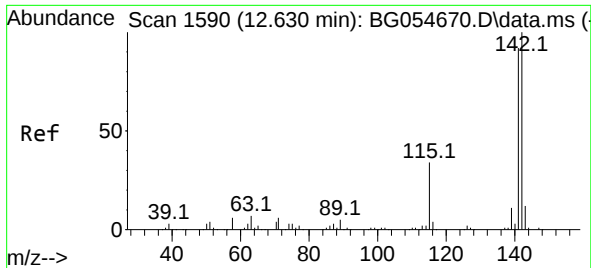
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#36
4-Chloro-3-methylphenol
Concen: 47.875 ng
RT: 12.242 min Scan# 1524
Delta R.T. -0.000 min
Lab File: BG054677.D
Acq: 20 Aug 2022 1:26

Tgt Ion:107 Resp: 149585
Ion Ratio Lower Upper
107 100
144 27.5 21.0 31.4
142 79.8 63.9 95.9





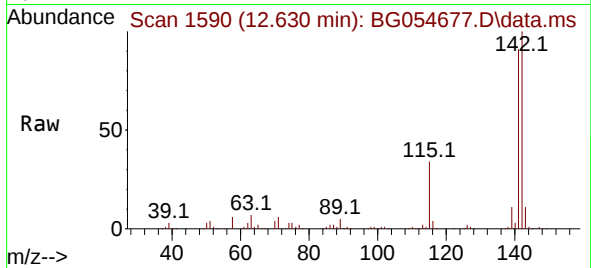
#37
2-Methylnaphthalene
Concen: 42.597 ng
RT: 12.630 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG054677.D
Acq: 20 Aug 2022 1:26

Instrument :

BNA_G

ClientSampleId :

PB147091BS

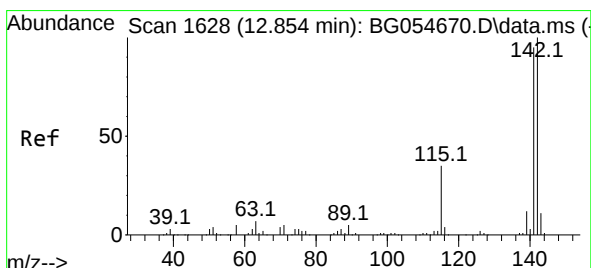
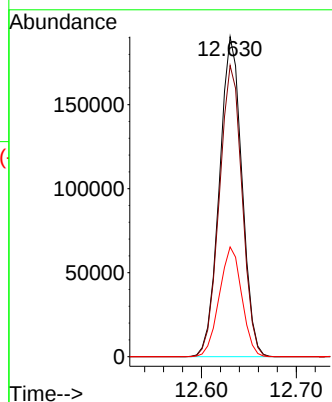
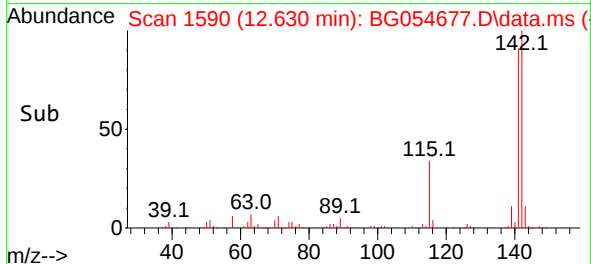


Tgt Ion:142 Resp: 31505
Ion Ratio Lower Upper
142 100
141 91.0 73.7 110.5
115 34.3 27.2 40.8

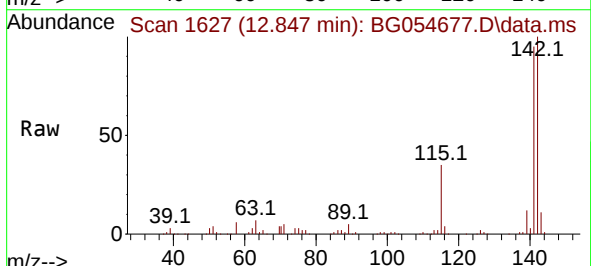
Manual Integrations

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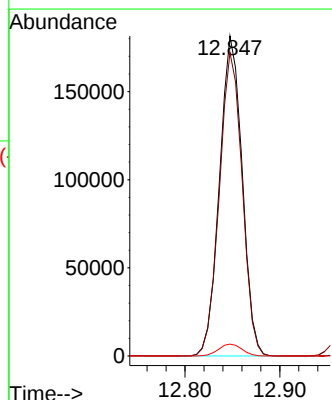
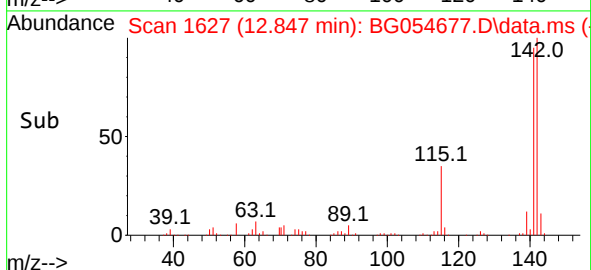
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

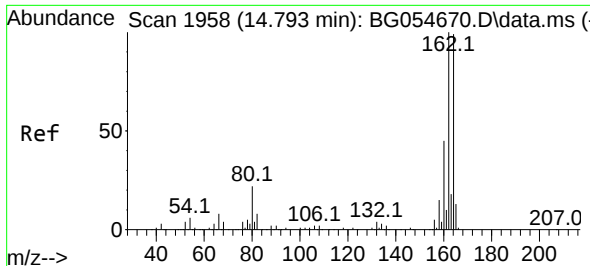


#38
1-Methylnaphthalene
Concen: 41.952 ng
RT: 12.847 min Scan# 1627
Delta R.T. -0.006 min
Lab File: BG054677.D
Acq: 20 Aug 2022 1:26



Tgt Ion:142 Resp: 301915
Ion Ratio Lower Upper
142 100
141 94.9 75.8 113.6
116 3.7 3.0 4.4





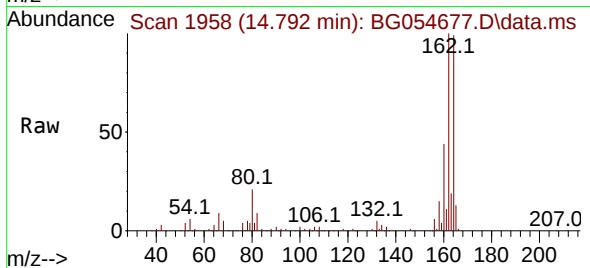
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.792 min Scan# 1958
Delta R.T. -0.001 min
Lab File: BG054677.D
Acq: 20 Aug 2022 1:26

Instrument :

BNA_G

ClientSampleId :

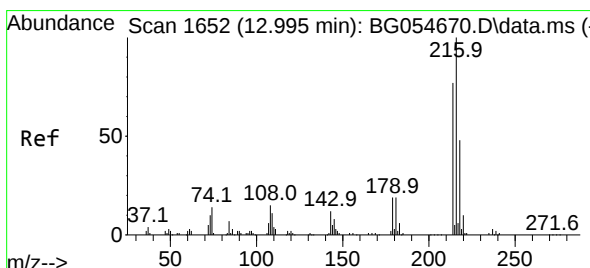
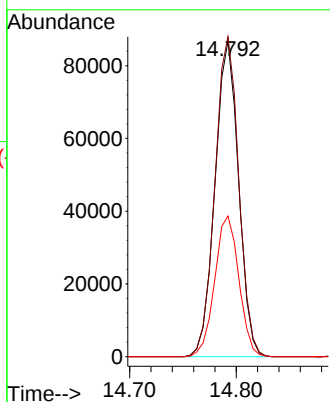
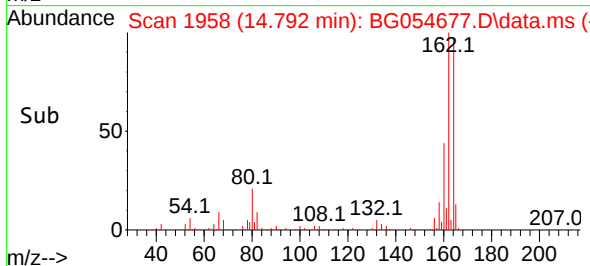
PB147091BS



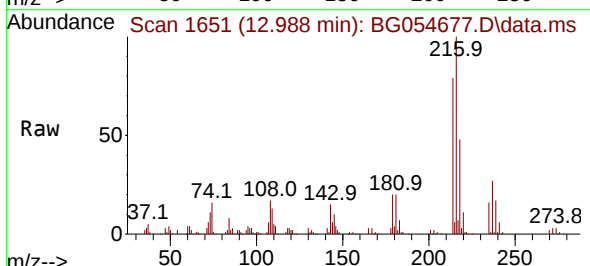
Tgt Ion:164 Resp: 132780
Ion Ratio Lower Upper
164 100
162 101.3 80.9 121.3
160 44.5 36.2 54.2

Manual Integrations
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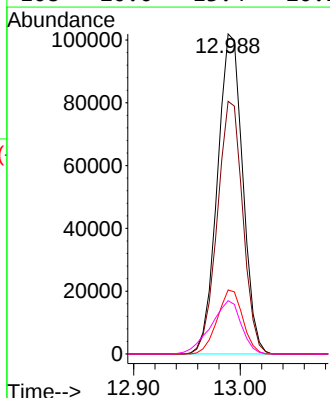
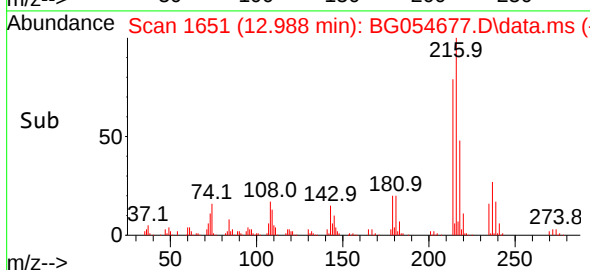
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

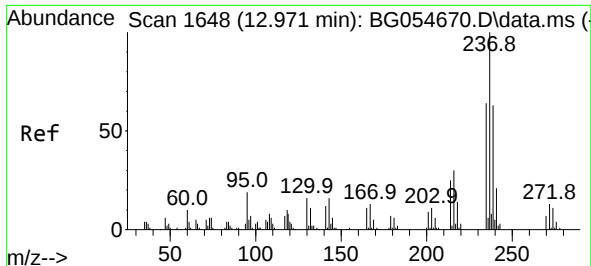


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.415 ng
RT: 12.988 min Scan# 1651
Delta R.T. -0.007 min
Lab File: BG054677.D
Acq: 20 Aug 2022 1:26



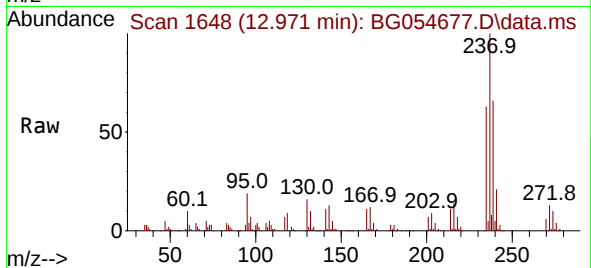
Tgt Ion:216 Resp: 168179
Ion Ratio Lower Upper
216 100
214 79.3 63.7 95.5
179 20.0 15.8 23.8
108 20.0 13.4 20.2





#41
Hexachlorocyclopentadiene
Concen: 110.328 ng
RT: 12.971 min Scan# 110
Delta R.T. -0.000 min
Lab File: BG054677.D
Acq: 20 Aug 2022 1:26

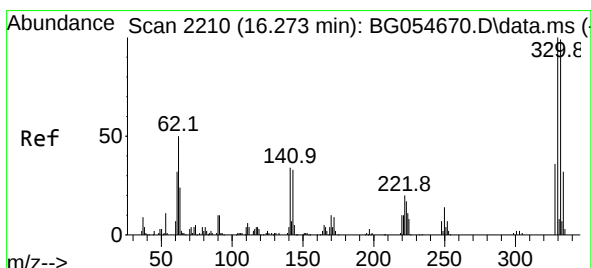
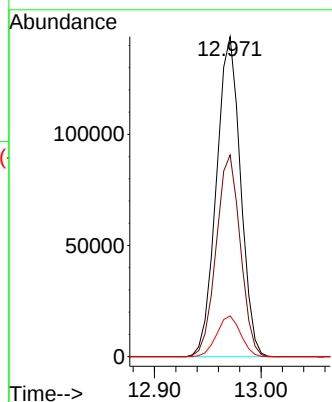
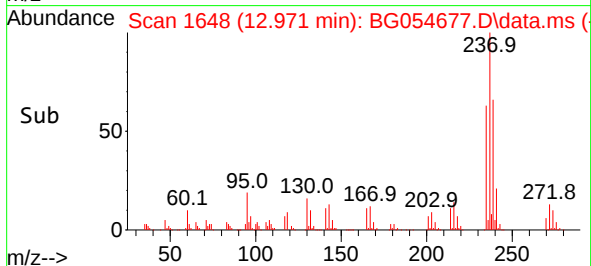
Instrument :
BNA_G
ClientSampleId :
PB147091BS



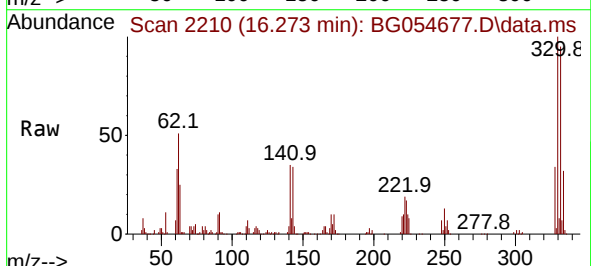
Tgt Ion: 237 Resp: 22613
Ion Ratio Lower Upper
237 100
235 63.0 43.9 83.9
272 12.7 0.0 33.0

Manual Integrations
APPROVED

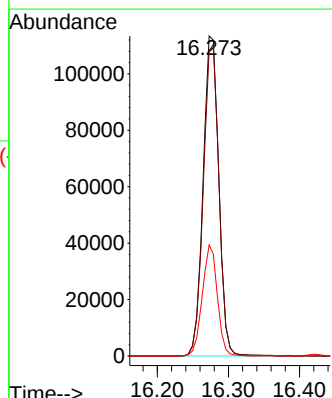
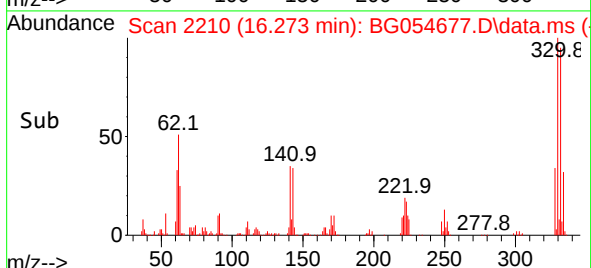
Reviewed By : Christian Giraldo 08/22/2022
Supervised By : Jagrut Upadhyay 08/22/2022

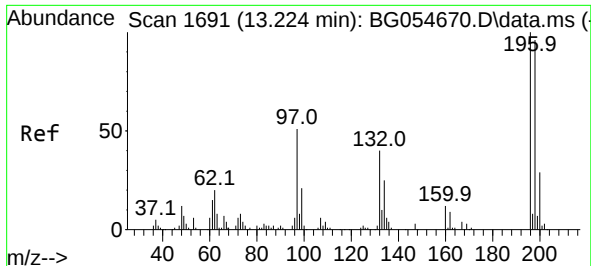


#42
2,4,6-Tribromophenol
Concen: 125.526 ng
RT: 16.273 min Scan# 2210
Delta R.T. -0.000 min
Lab File: BG054677.D
Acq: 20 Aug 2022 1:26



Tgt Ion: 330 Resp: 174042
Ion Ratio Lower Upper
330 100
332 96.9 77.2 115.8
141 33.3 26.2 39.2





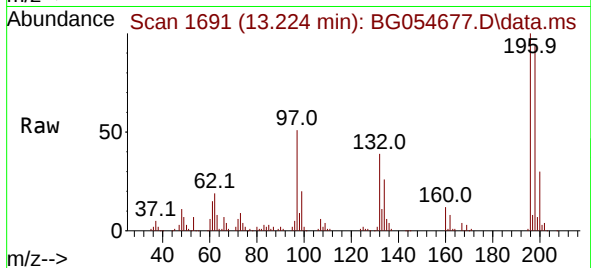
#43
2,4,6-Trichlorophenol
Concen: 46.399 ng
RT: 13.224 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG054677.D
Acq: 20 Aug 2022 1:26

Instrument :

BNA_G

ClientSampleId :

PB147091BS

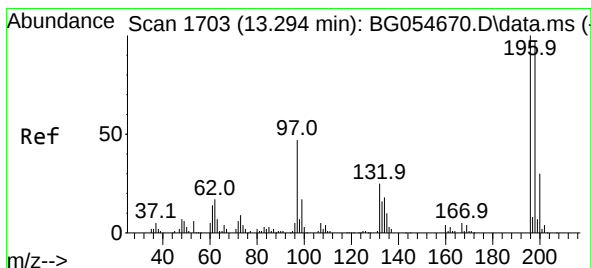
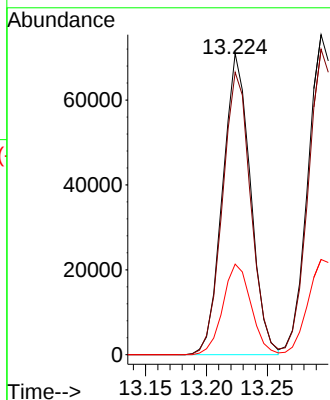
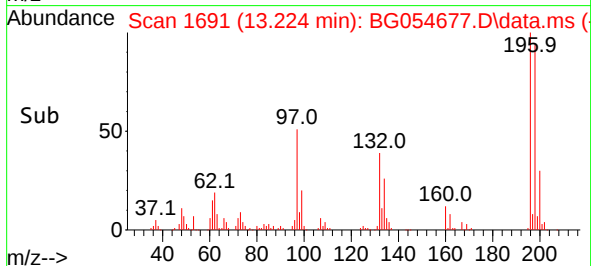


Tgt Ion:196 Resp: 11274
Ion Ratio Lower Upper
196 100
198 93.7 76.6 115.0
200 30.0 23.3 34.9

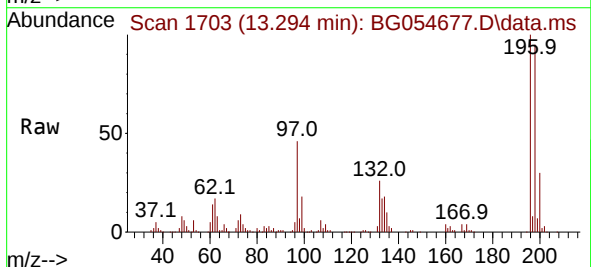
Manual Integrations

APPROVED

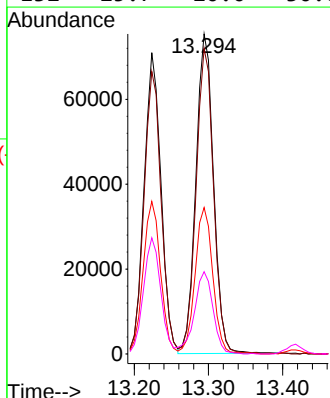
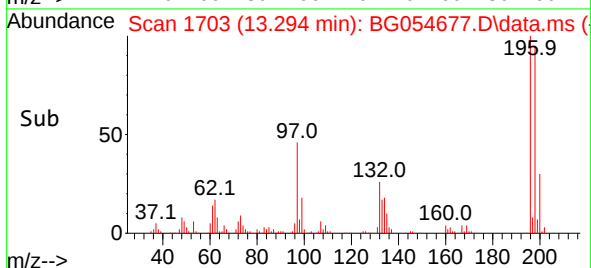
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

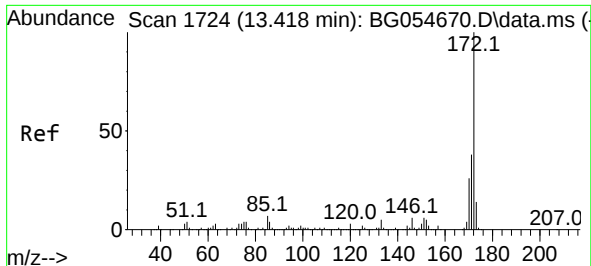


#44
2,4,5-Trichlorophenol
Concen: 45.792 ng
RT: 13.294 min Scan# 1703
Delta R.T. -0.000 min
Lab File: BG054677.D
Acq: 20 Aug 2022 1:26



Tgt Ion:196 Resp: 124540
Ion Ratio Lower Upper
196 100
198 95.4 76.9 115.3
97 45.8 37.3 55.9
132 25.7 20.0 30.0





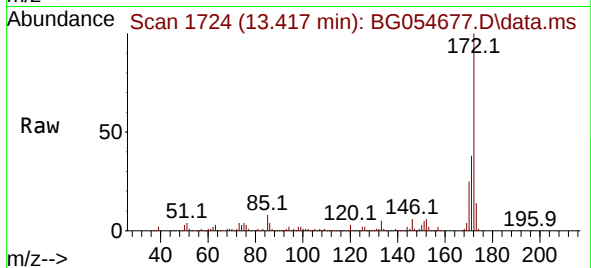
#45
2-Fluorobiphenyl
Concen: 82.229 ng
RT: 13.417 min Scan# 1724
Delta R.T. -0.001 min
Lab File: BG054677.D
Acq: 20 Aug 2022 1:26

Instrument :

BNA_G

ClientSampleId :

PB147091BS

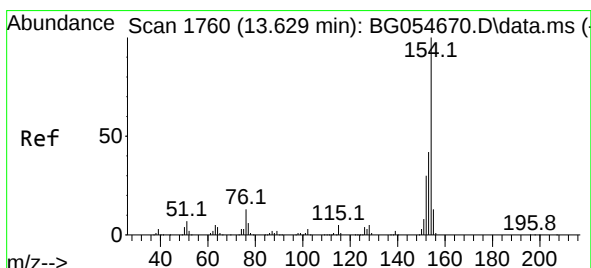
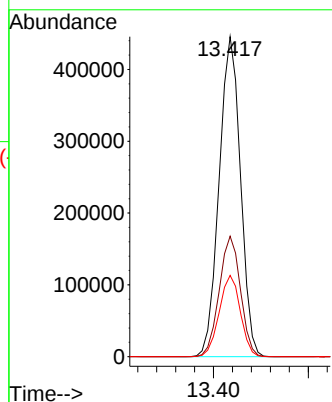
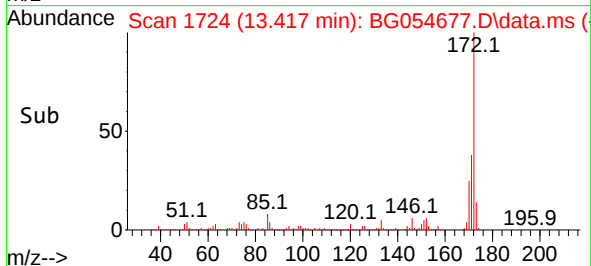


Tgt Ion:172 Resp: 697072
Ion Ratio Lower Upper
172 100
171 37.6 30.0 45.0
170 25.4 20.4 30.6

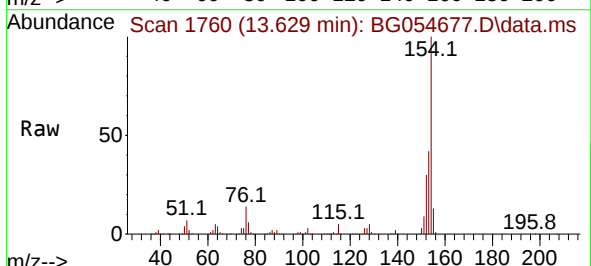
Manual Integrations

APPROVED

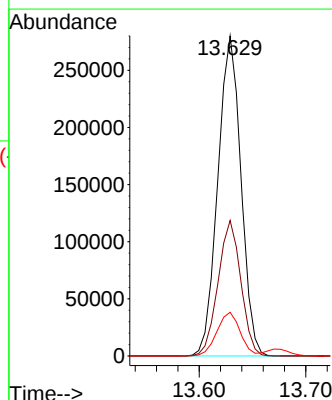
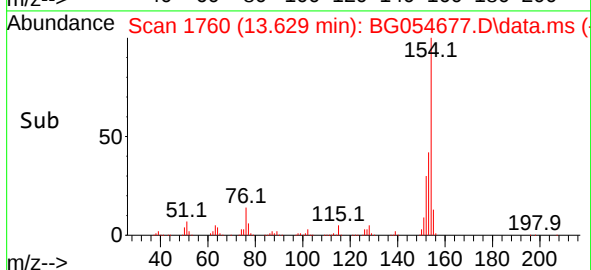
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

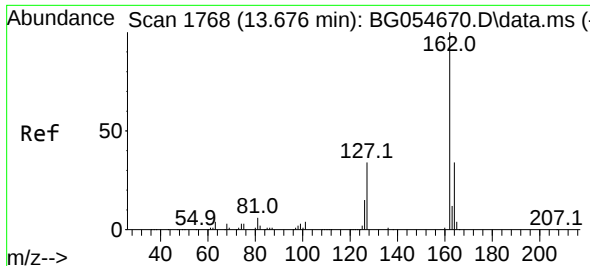


#46
1,1'-Biphenyl
Concen: 44.770 ng
RT: 13.629 min Scan# 1760
Delta R.T. -0.000 min
Lab File: BG054677.D
Acq: 20 Aug 2022 1:26



Tgt Ion:154 Resp: 421606
Ion Ratio Lower Upper
154 100
153 42.3 21.7 61.7
76 13.7 0.0 33.1





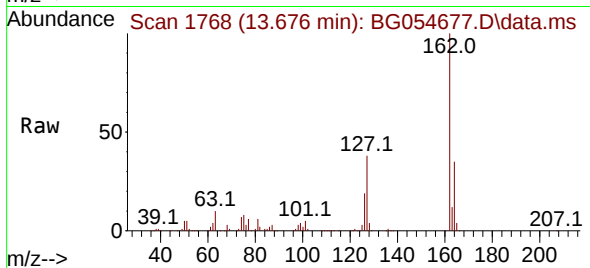
#47
2-Chloronaphthalene
Concen: 43.181 ng
RT: 13.676 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG054677.D
Acq: 20 Aug 2022 1:26

Instrument :

BNA_G

ClientSampleId :

PB147091BS

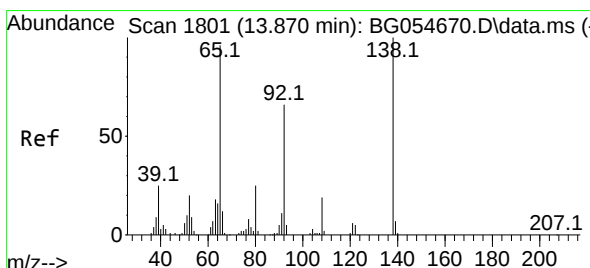
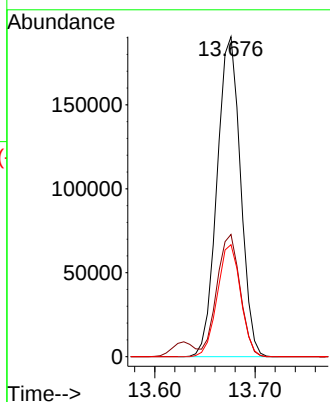
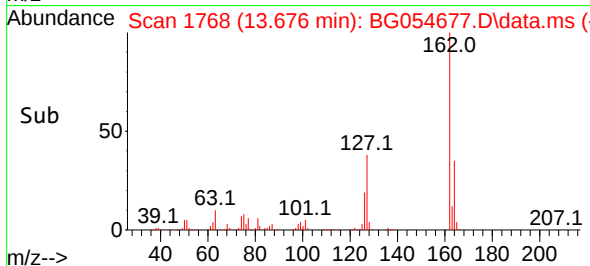


Tgt Ion:162 Resp: 309074
Ion Ratio Lower Upper
162 100
127 38.2 30.2 45.4
164 35.0 27.5 41.3

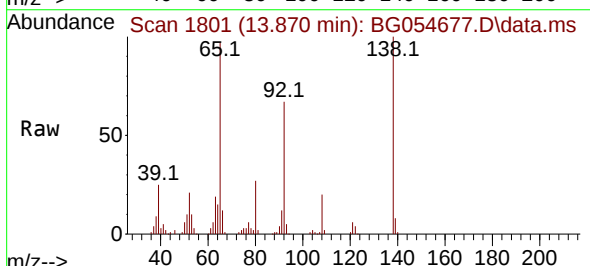
Manual Integrations

APPROVED

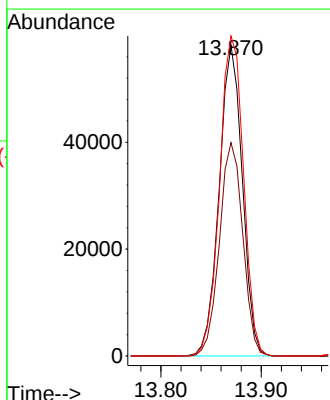
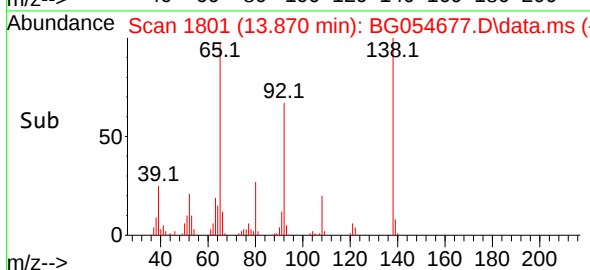
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

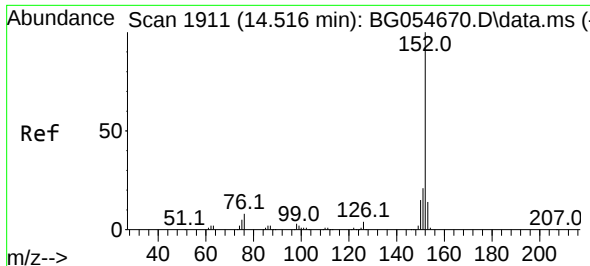


#48
2-Nitroaniline
Concen: 46.915 ng
RT: 13.870 min Scan# 1801
Delta R.T. -0.000 min
Lab File: BG054677.D
Acq: 20 Aug 2022 1:26



Tgt Ion: 65 Resp: 92979
Ion Ratio Lower Upper
65 100
92 68.7 55.2 82.8
138 103.0 83.6 125.4





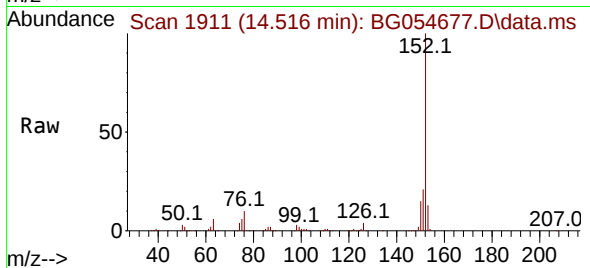
#49
Acenaphthylene
Concen: 43.751 ng
RT: 14.516 min Scan# 1911
Delta R.T. -0.000 min
Lab File: BG054677.D
Acq: 20 Aug 2022 1:26

Instrument :

BNA_G

ClientSampleId :

PB147091BS

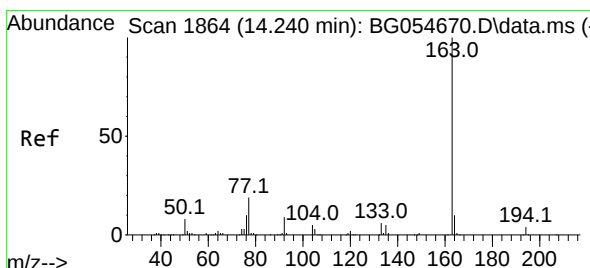
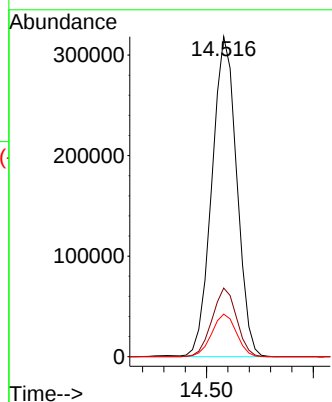
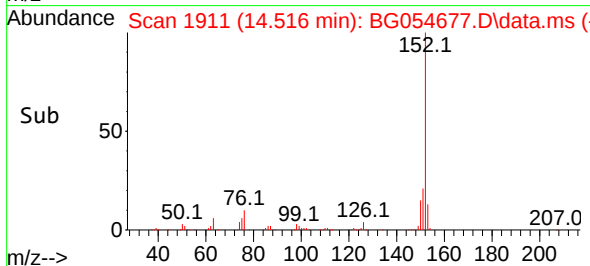


Tgt Ion:152 Resp: 514670
Ion Ratio Lower Upper
152 100
151 21.5 17.0 25.4
153 13.3 11.1 16.7

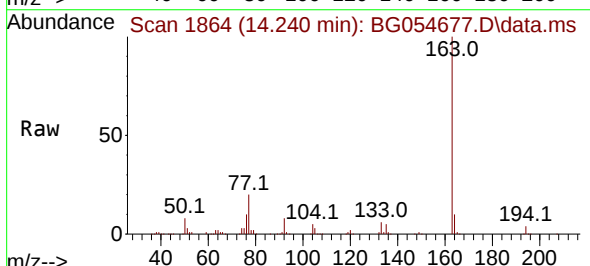
Manual Integrations

APPROVED

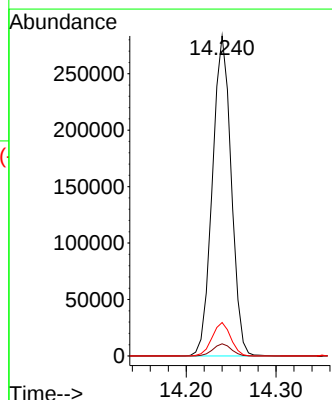
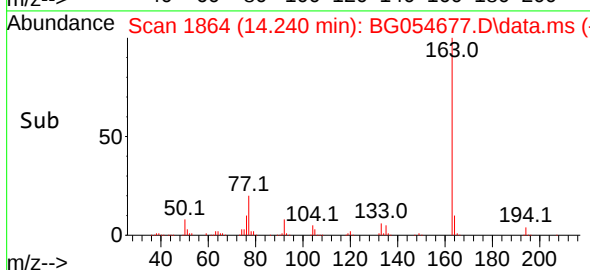
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

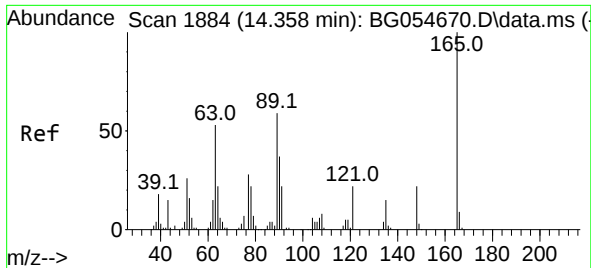


#50
Dimethylphthalate
Concen: 44.069 ng
RT: 14.240 min Scan# 1864
Delta R.T. -0.000 min
Lab File: BG054677.D
Acq: 20 Aug 2022 1:26



Tgt Ion:163 Resp: 412789
Ion Ratio Lower Upper
163 100
194 3.8 2.9 4.3
164 10.4 7.9 11.9





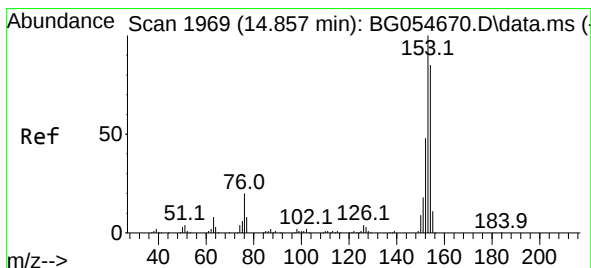
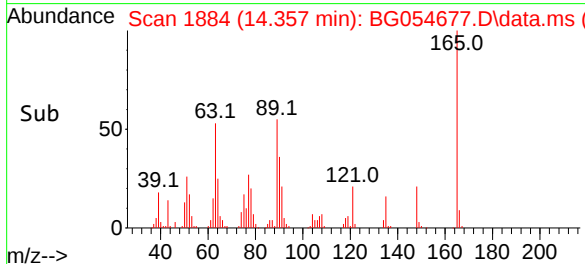
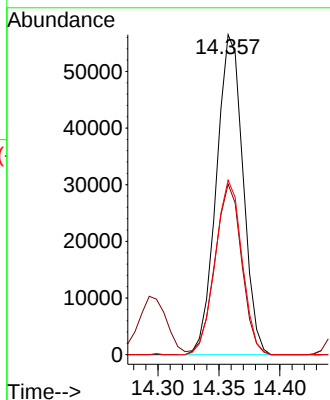
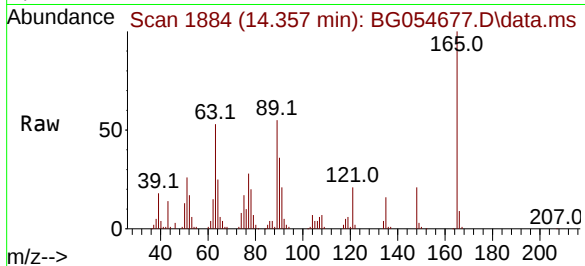
#51
2,6-Dinitrotoluene
Concen: 48.426 ng
RT: 14.357 min Scan# 1884
Delta R.T. -0.000 min
Lab File: BG054677.D
Acq: 20 Aug 2022 1:26

Instrument :
BNA_G
ClientSampleId :
PB147091BS

Tgt Ion:165 Resp: 8592
Ion Ratio Lower Upper
165 100
63 53.3 44.6 67.0
89 54.5 47.4 71.2

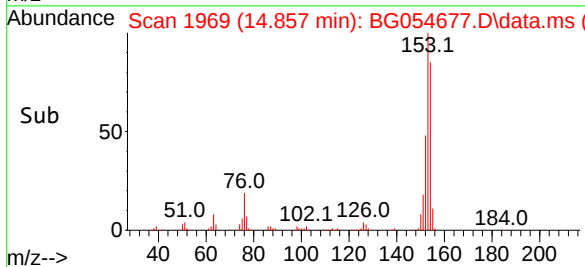
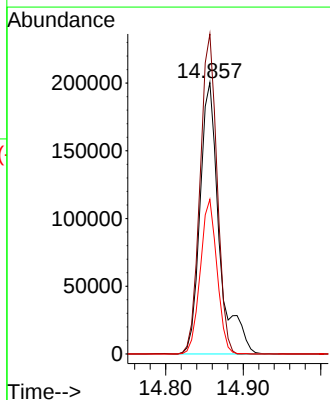
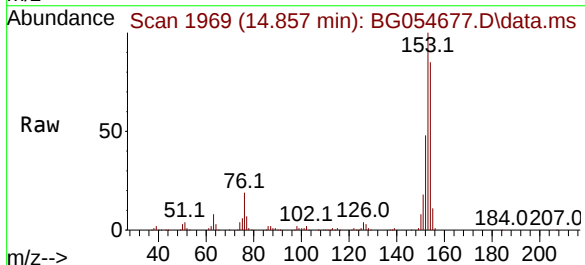
Manual Integrations
APPROVED

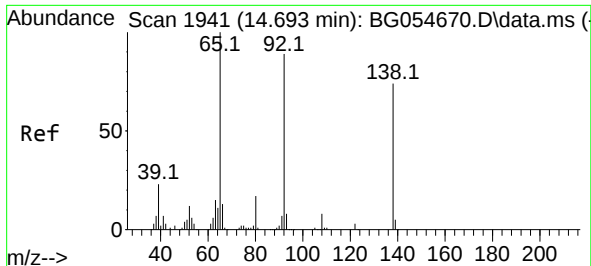
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#52
Acenaphthene
Concen: 46.597 ng
RT: 14.857 min Scan# 1969
Delta R.T. -0.000 min
Lab File: BG054677.D
Acq: 20 Aug 2022 1:26

Tgt Ion:154 Resp: 345243
Ion Ratio Lower Upper
154 100
153 117.9 93.6 140.4
152 57.0 45.2 67.8





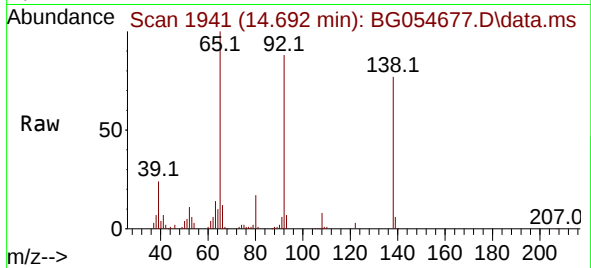
#53
3-Nitroaniline
Concen: 28.717 ng
RT: 14.692 min Scan# 1941
Delta R.T. -0.001 min
Lab File: BG054677.D
Acq: 20 Aug 2022 1:26

Instrument :

BNA_G

ClientSampleId :

PB147091BS

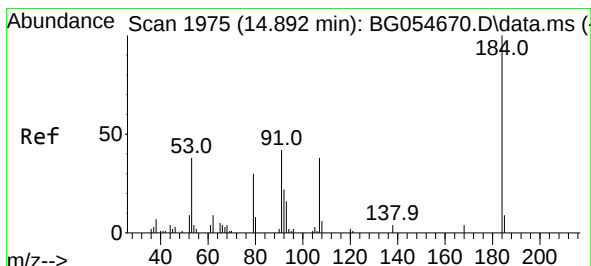
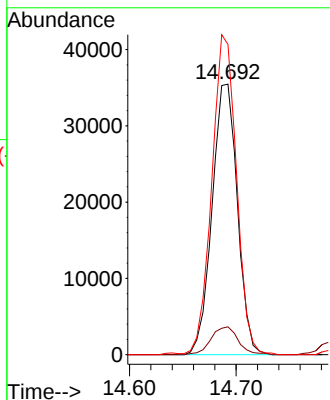
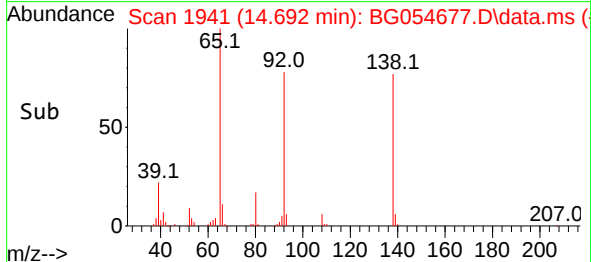


Tgt Ion:138 Resp: 58378
Ion Ratio Lower Upper
138 100
108 10.3 8.5 12.7
92 114.7 95.8 143.6

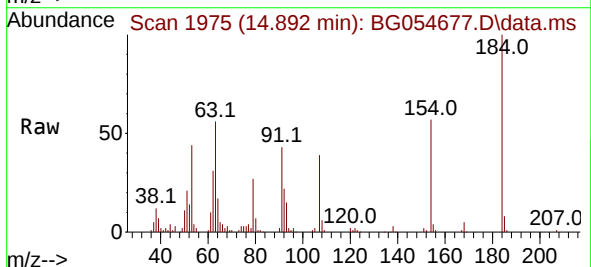
Manual Integrations

APPROVED

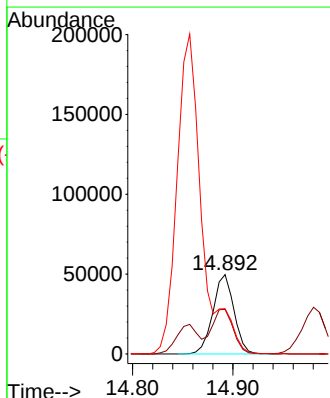
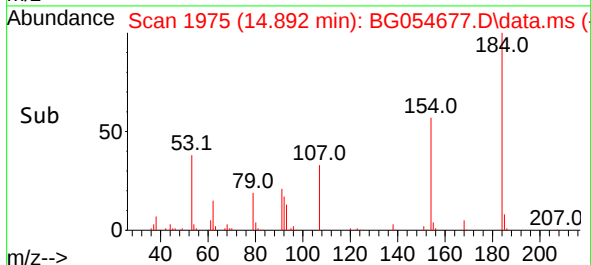
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

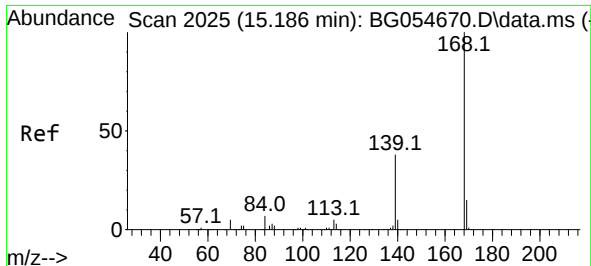


#54
2,4-Dinitrophenol
Concen: 80.249 ng
RT: 14.892 min Scan# 1975
Delta R.T. 0.000 min
Lab File: BG054677.D
Acq: 20 Aug 2022 1:26



Tgt Ion:184 Resp: 72341
Ion Ratio Lower Upper
184 100
63 56.3 41.2 61.8
154 57.0 45.3 67.9





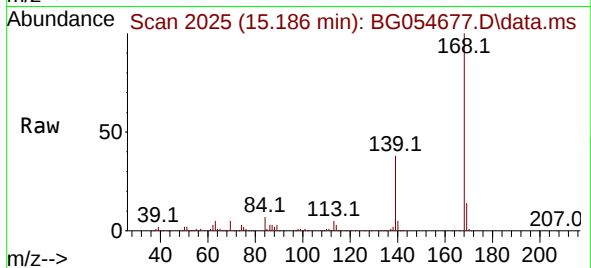
#55
Dibenzofuran
Concen: 43.588 ng
RT: 15.186 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BG054677.D
Acq: 20 Aug 2022 1:26

Instrument :

BNA_G

ClientSampleId :

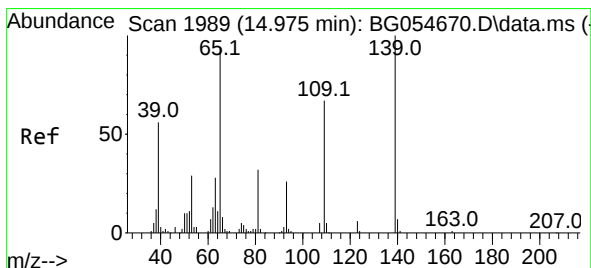
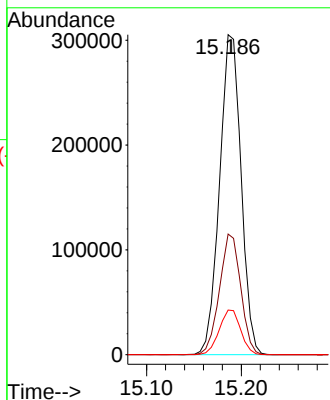
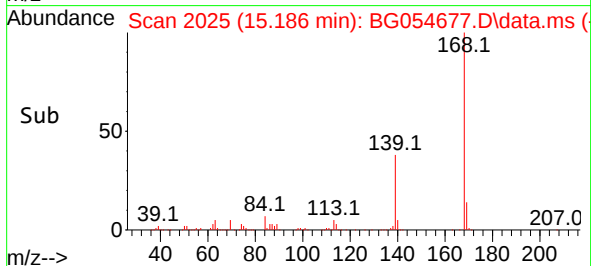
PB147091BS



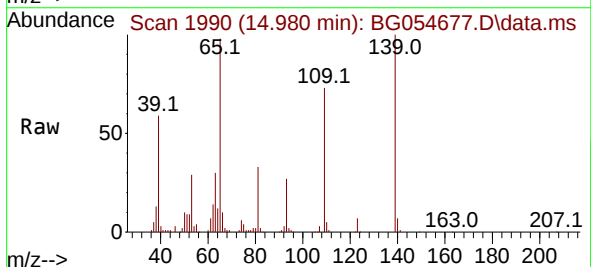
Tgt Ion:168 Resp: 481810
Ion Ratio Lower Upper
168 100
139 37.7 30.4 45.6
169 13.9 11.8 17.6

Manual Integrations
APPROVED

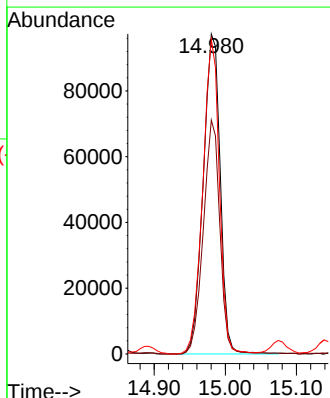
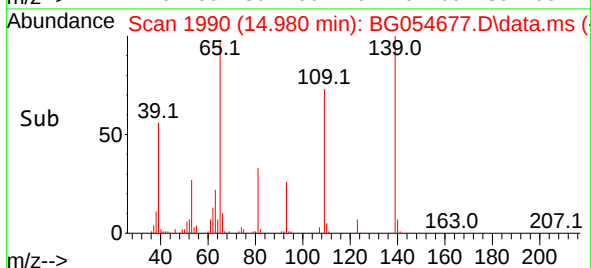
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

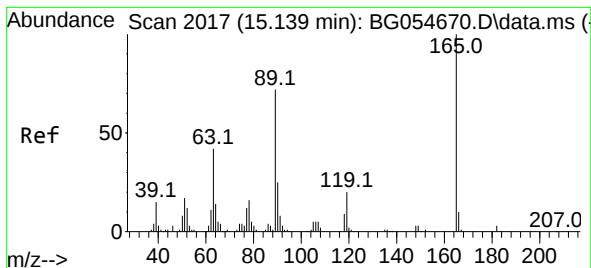


#56
4-Nitrophenol
Concen: 103.984 ng
RT: 14.980 min Scan# 1990
Delta R.T. 0.006 min
Lab File: BG054677.D
Acq: 20 Aug 2022 1:26



Tgt Ion:139 Resp: 162507
Ion Ratio Lower Upper
139 100
109 73.1 47.1 87.1
65 98.4 74.9 114.9





#57
2,4-Dinitrotoluene
Concen: 49.793 ng
RT: 15.145 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BG054677.D
Acq: 20 Aug 2022 1:26

Instrument :

BNA_G

ClientSampleId :

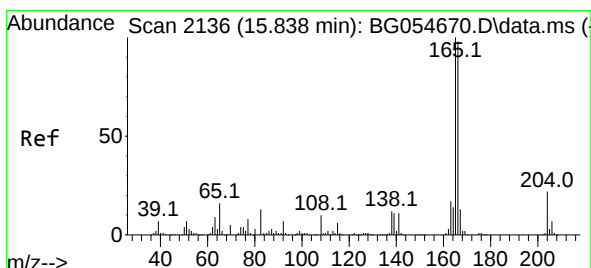
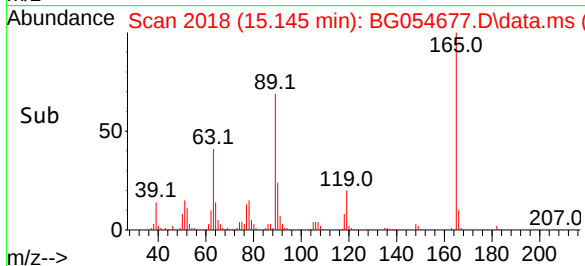
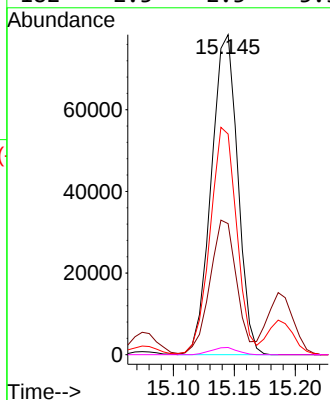
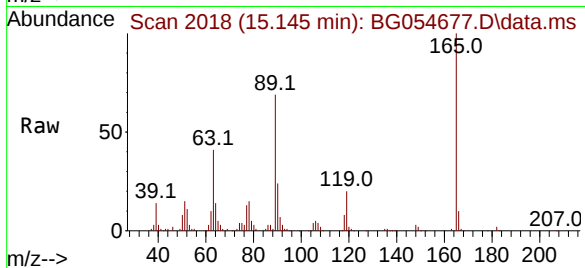
PB147091BS

Tgt Ion:165 Resp: 118572
Ion Ratio Lower Upper
165 100
63 40.9 33.7 50.5
89 68.9 57.8 86.6
182 2.3 2.3 3.5#

Manual Integrations

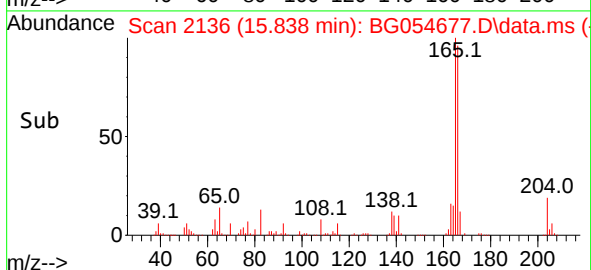
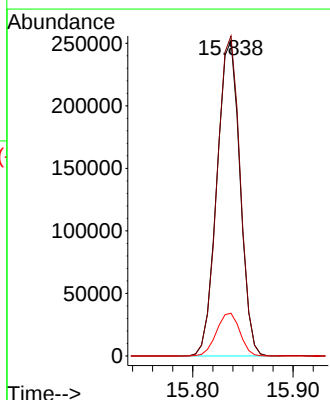
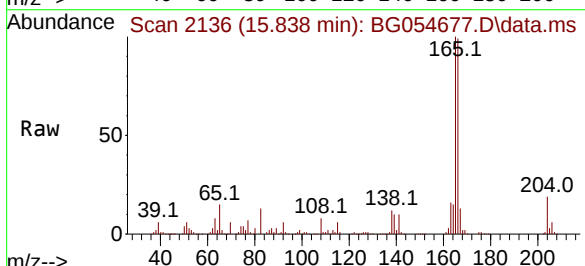
APPROVED

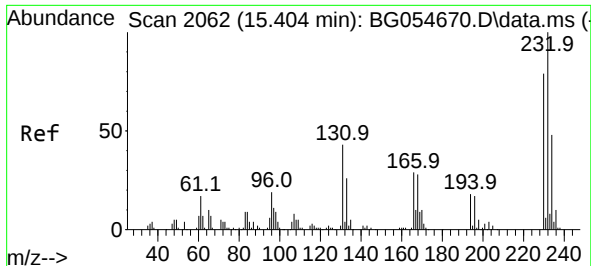
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#58
Fluorene
Concen: 43.410 ng
RT: 15.838 min Scan# 2136
Delta R.T. -0.000 min
Lab File: BG054677.D
Acq: 20 Aug 2022 1:26

Tgt Ion:166 Resp: 401207
Ion Ratio Lower Upper
166 100
165 101.4 81.6 122.4
167 13.6 10.6 15.8





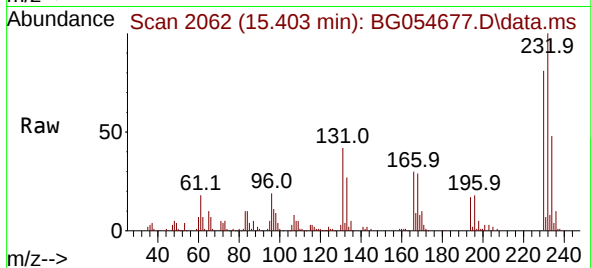
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.296 ng
RT: 15.403 min Scan# 2062
Delta R.T. -0.000 min
Lab File: BG054677.D
Acq: 20 Aug 2022 1:26

Instrument :

BNA_G

ClientSampleId :

PB147091BS

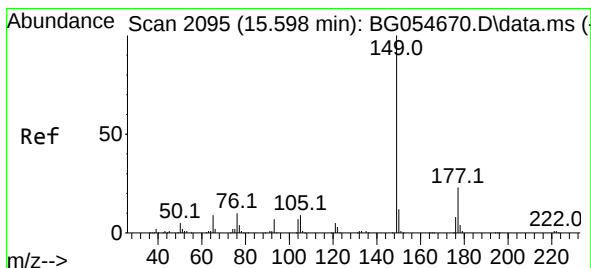
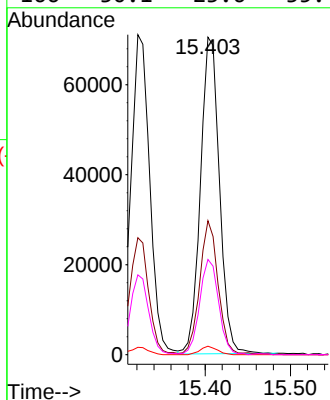
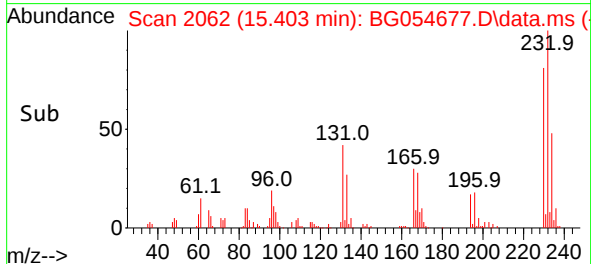


Tgt Ion:232 Resp: 10894
Ion Ratio Lower Upper
232 100
131 41.4 33.6 50.4
130 2.4 1.7 2.5
166 30.1 23.6 35.4

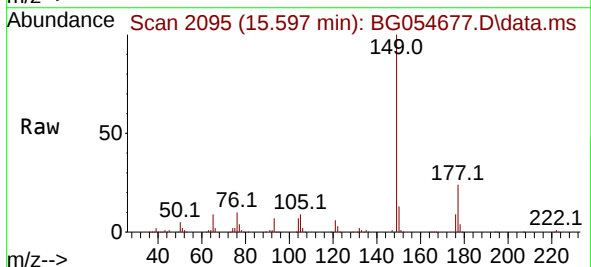
Manual Integrations

APPROVED

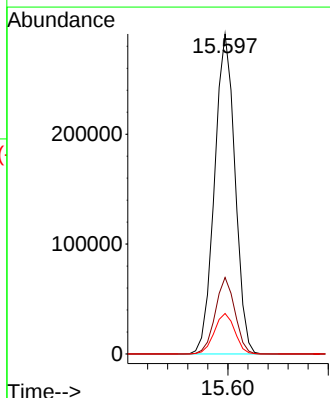
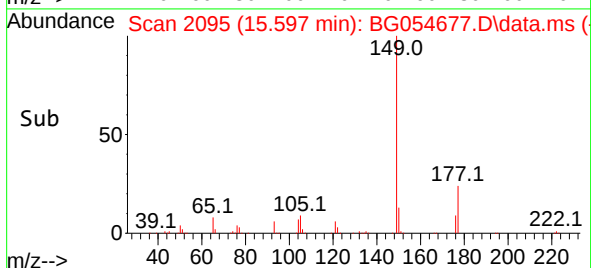
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

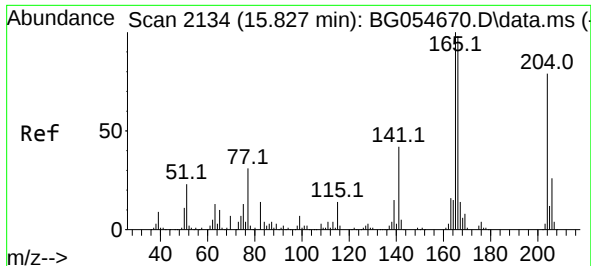


#60
Diethylphthalate
Concen: 44.597 ng
RT: 15.597 min Scan# 2095
Delta R.T. -0.000 min
Lab File: BG054677.D
Acq: 20 Aug 2022 1:26



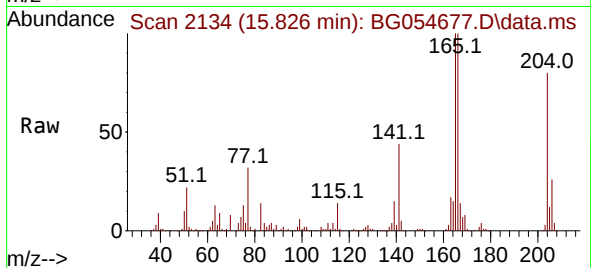
Tgt Ion:149 Resp: 411986
Ion Ratio Lower Upper
149 100
177 23.9 18.3 27.5
150 12.6 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 44.311 ng
RT: 15.826 min Scan# 2134
Delta R.T. -0.000 min
Lab File: BG054677.D
Acq: 20 Aug 2022 1:26

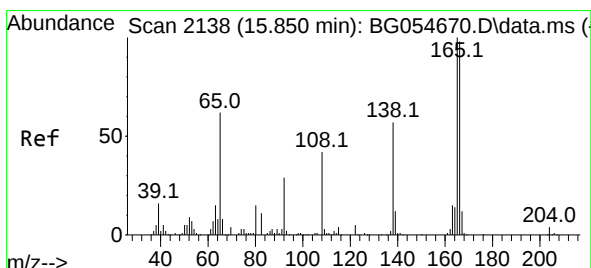
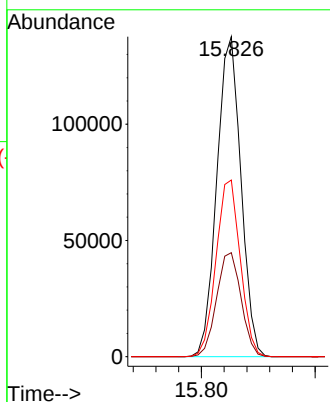
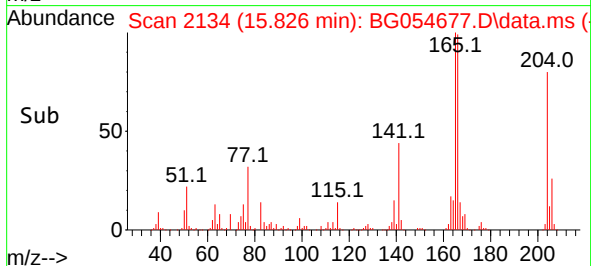
Instrument :
BNA_G
ClientSampleId :
PB147091BS



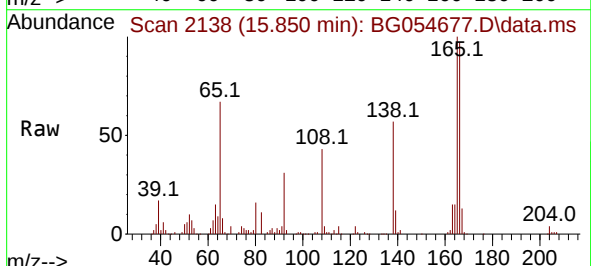
Tgt Ion:204 Resp: 20257
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 55.2 42.7 64.1

Manual Integrations
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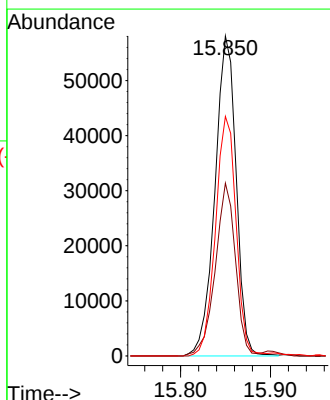
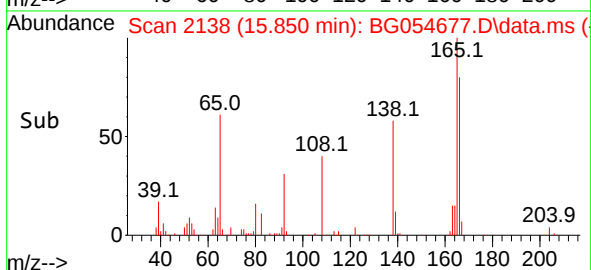
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

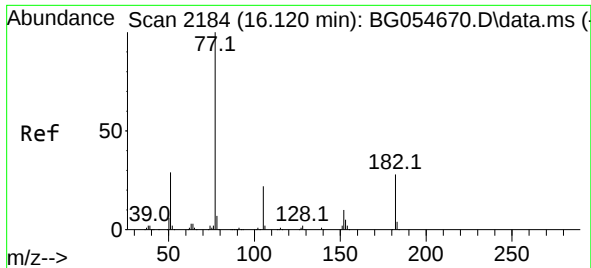


#62
4-Nitroaniline
Concen: 44.912 ng
RT: 15.850 min Scan# 2138
Delta R.T. -0.000 min
Lab File: BG054677.D
Acq: 20 Aug 2022 1:26



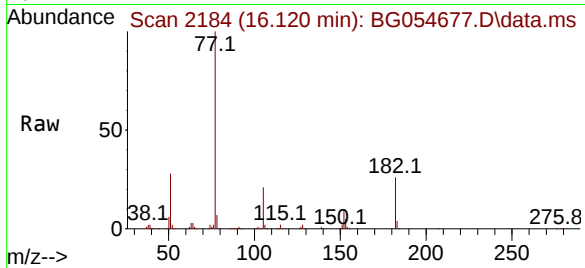
Tgt Ion:138 Resp: 95151
Ion Ratio Lower Upper
138 100
92 54.0 30.8 70.8
108 74.9 54.9 94.9





#63
Azobenzene
Concen: 44.334 ng
RT: 16.120 min Scan# 2184
Delta R.T. -0.000 min
Lab File: BG054677.D
Acq: 20 Aug 2022 1:26

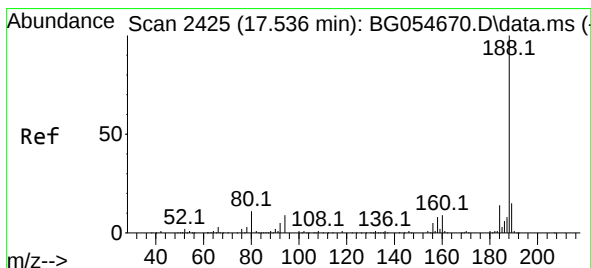
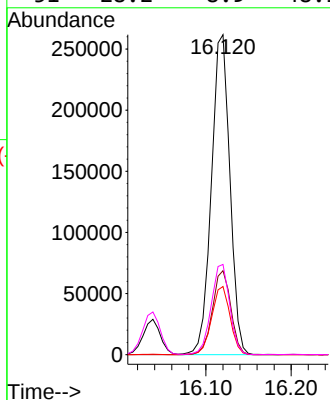
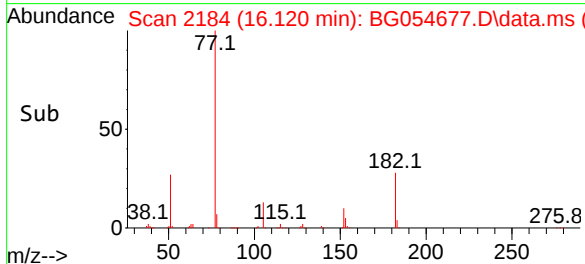
Instrument :
BNA_G
ClientSampleId :
PB147091BS



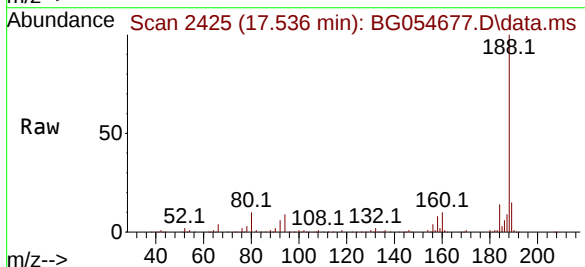
Tgt Ion: 77 Resp: 394349
Ion Ratio Lower Upper
77 100
182 26.3 7.6 47.6
105 21.3 1.9 41.9
51 28.2 8.9 48.9

Manual Integrations
APPROVED

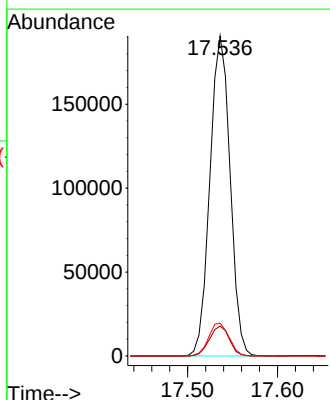
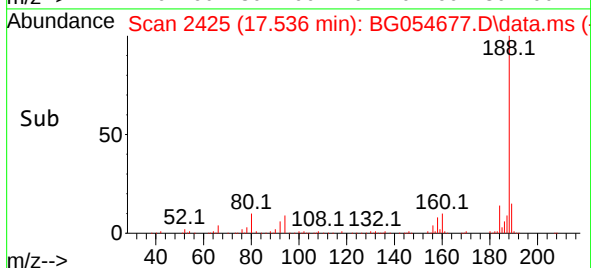
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

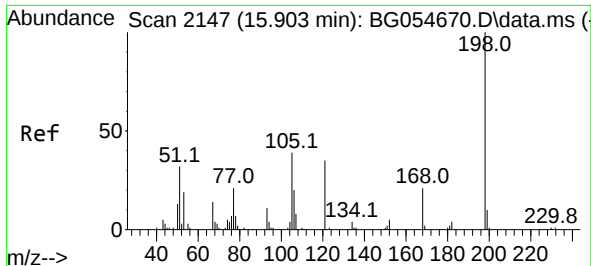


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.536 min Scan# 2425
Delta R.T. -0.000 min
Lab File: BG054677.D
Acq: 20 Aug 2022 1:26



Tgt Ion:188 Resp: 297708
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.0
80 10.3 8.4 12.6





#65
4,6-Dinitro-2-methylphenol
Concen: 43.860 ng
RT: 15.903 min Scan# 2147
Delta R.T. -0.000 min
Lab File: BG054677.D
Acq: 20 Aug 2022 1:26

Instrument :

BNA_G

ClientSampleId :

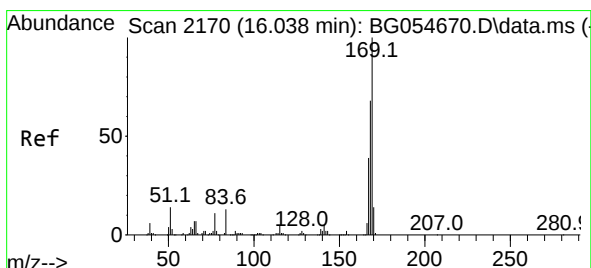
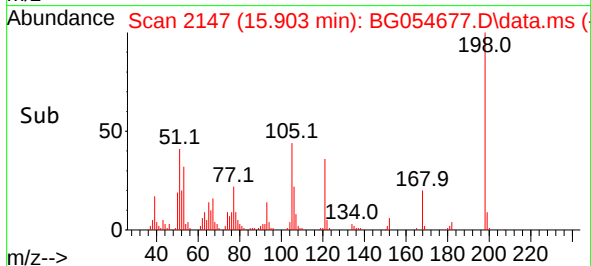
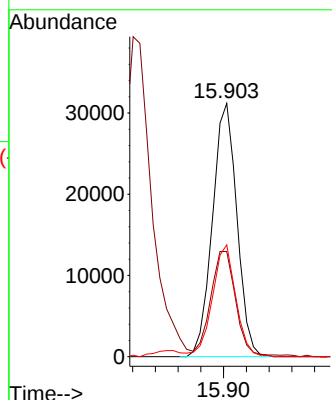
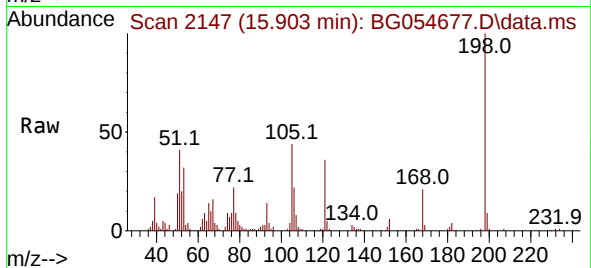
PB147091BS

Tgt Ion:198 Resp: 46510
Ion Ratio Lower Upper
198 100
51 41.5 20.1 60.1
105 44.2 20.5 60.5

Manual Integrations

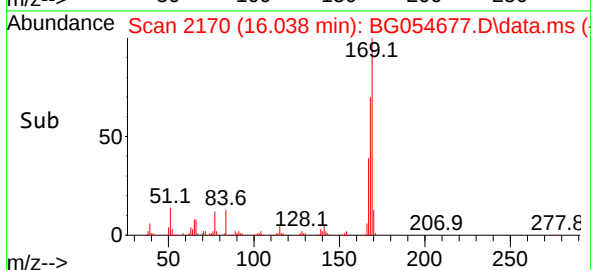
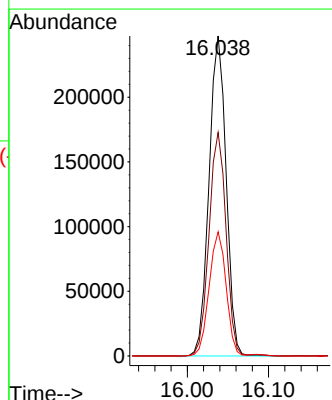
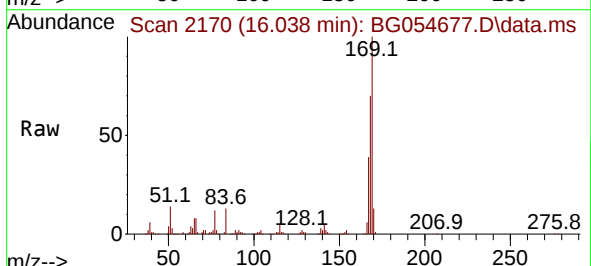
APPROVED

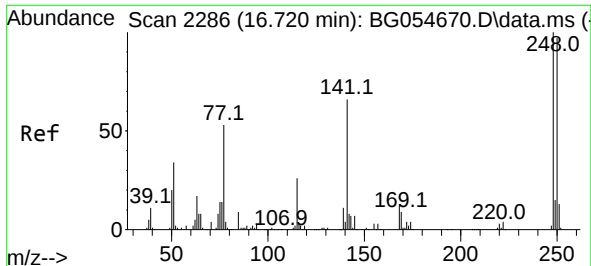
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#66
n-Nitrosodiphenylamine
Concen: 44.331 ng
RT: 16.038 min Scan# 2170
Delta R.T. -0.000 min
Lab File: BG054677.D
Acq: 20 Aug 2022 1:26

Tgt Ion:169 Resp: 360834
Ion Ratio Lower Upper
169 100
168 69.8 54.6 82.0
167 38.8 31.0 46.4





#67
4-Bromophenyl-phenylether
Concen: 40.123 ng
RT: 16.719 min Scan# 210
Delta R.T. -0.000 min
Lab File: BG054677.D
Acq: 20 Aug 2022 1:26

Instrument :

BNA_G

ClientSampleId :

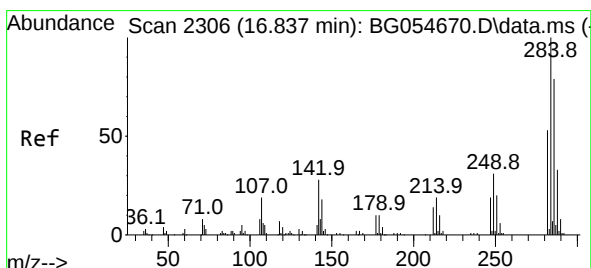
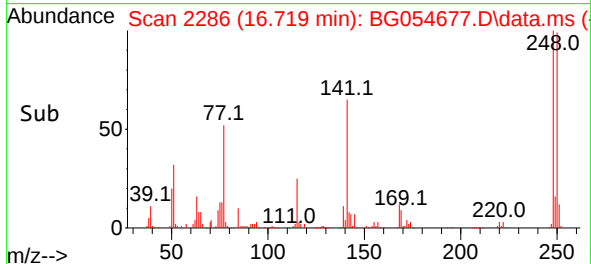
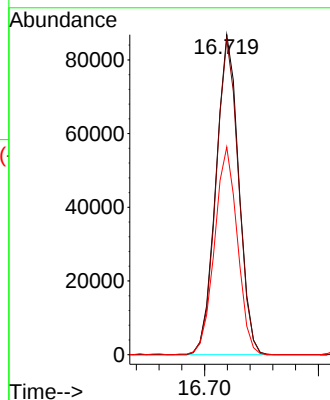
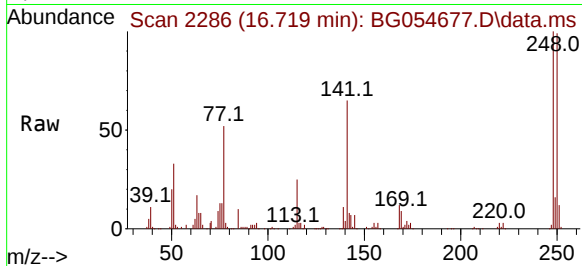
PB147091BS

Tgt Ion:248 Resp: 121035
Ion Ratio Lower Upper
248 100
250 98.5 77.6 116.4
141 64.9 53.0 79.6

Manual Integrations

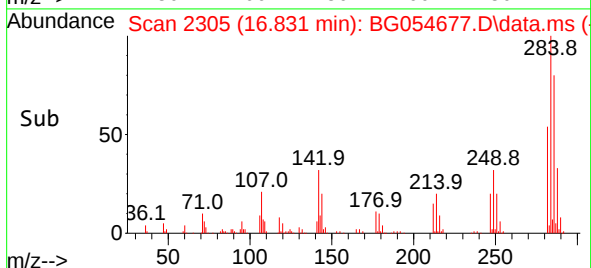
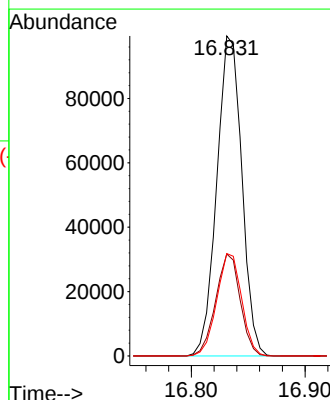
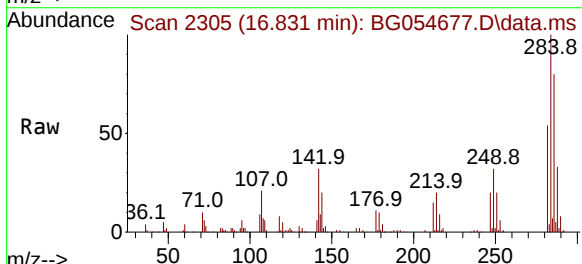
APPROVED

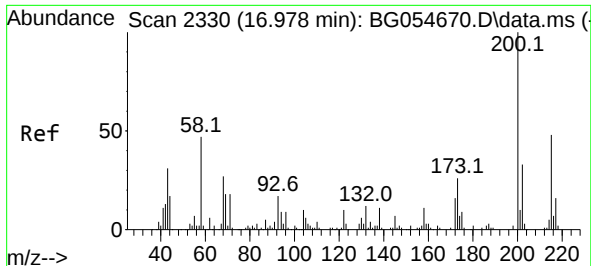
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#68
Hexachlorobenzene
Concen: 43.329 ng
RT: 16.831 min Scan# 2305
Delta R.T. -0.006 min
Lab File: BG054677.D
Acq: 20 Aug 2022 1:26

Tgt Ion:284 Resp: 152099
Ion Ratio Lower Upper
284 100
142 31.9 22.3 33.5
249 32.0 24.9 37.3





#69
 Atrazine
 Concen: 51.699 ng
 RT: 16.978 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG054677.D
 Acq: 20 Aug 2022 1:26

Instrument :

BNA_G

ClientSampleId :

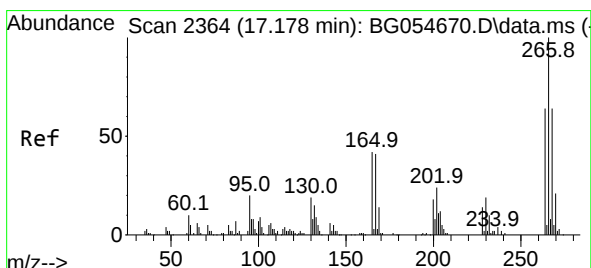
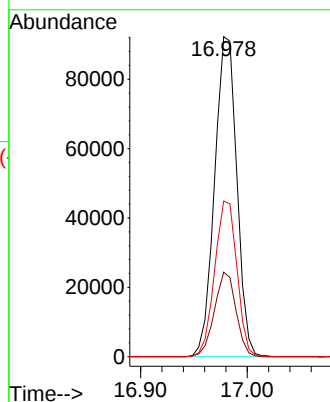
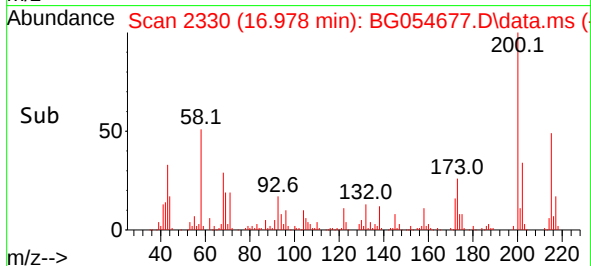
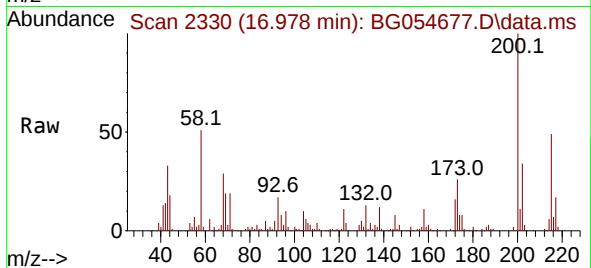
PB147091BS

Tgt Ion:200 Resp: 133628
 Ion Ratio Lower Upper
 200 100
 173 26.4 5.6 45.6
 215 48.6 28.5 68.5

Manual Integrations

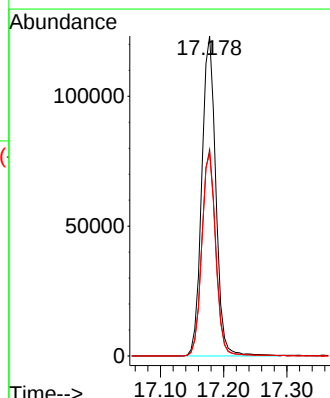
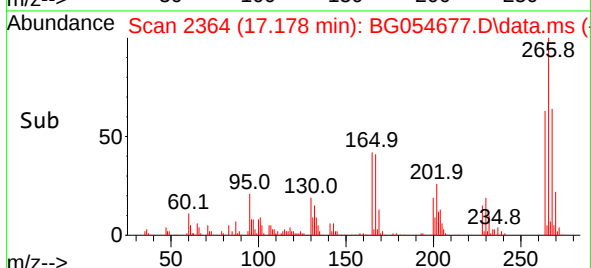
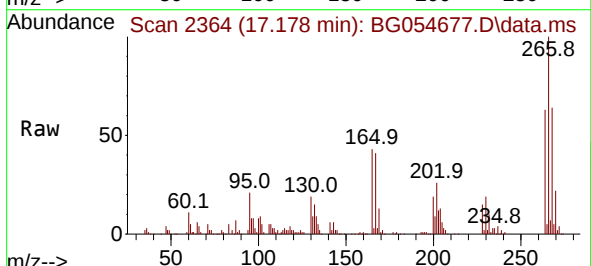
APPROVED

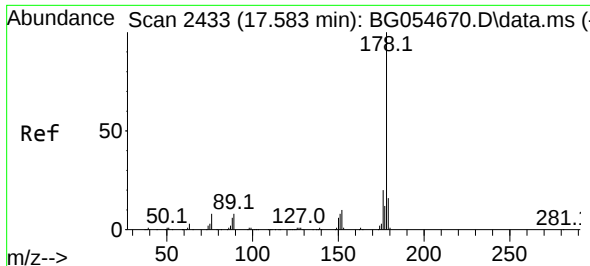
Reviewed By :Christian Giraldo 08/22/2022
 Supervised By :Jagrut Upadhyay 08/22/2022



#70
 Pentachlorophenol
 Concen: 99.273 ng
 RT: 17.178 min Scan# 2364
 Delta R.T. -0.000 min
 Lab File: BG054677.D
 Acq: 20 Aug 2022 1:26

Tgt Ion:266 Resp: 190001
 Ion Ratio Lower Upper
 266 100
 268 64.5 50.9 76.3
 264 63.3 51.4 77.0





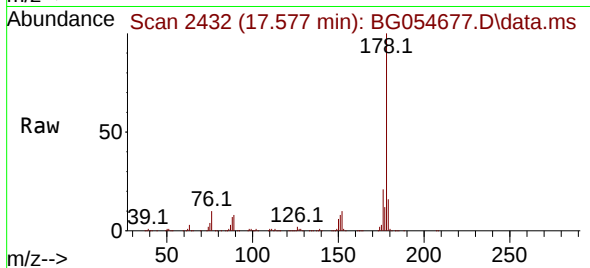
#71
Phenanthrene
Concen: 43.378 ng
RT: 17.577 min Scan# 2433
Delta R.T. -0.006 min
Lab File: BG054677.D
Acq: 20 Aug 2022 1:26

Instrument :

BNA_G

ClientSampleId :

PB147091BS

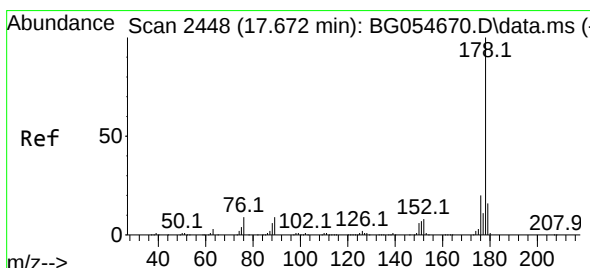
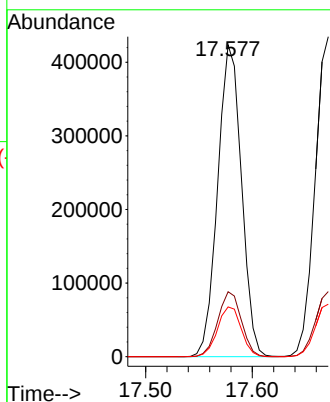
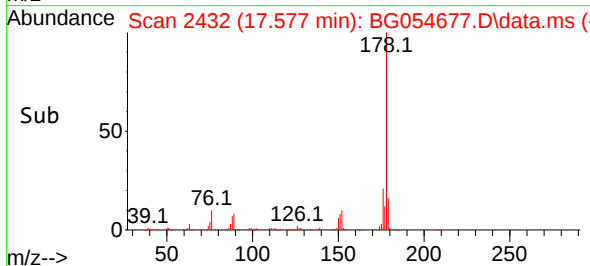


Tgt Ion:178 Resp: 656680
Ion Ratio Lower Upper
178 100
176 20.8 16.2 24.2
179 16.0 12.6 19.0

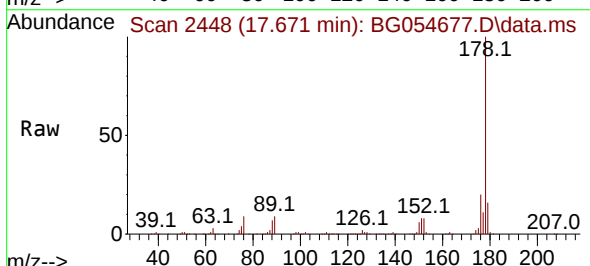
Manual Integrations

APPROVED

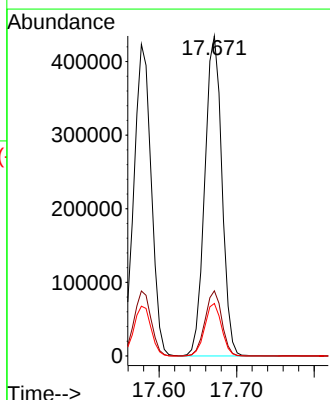
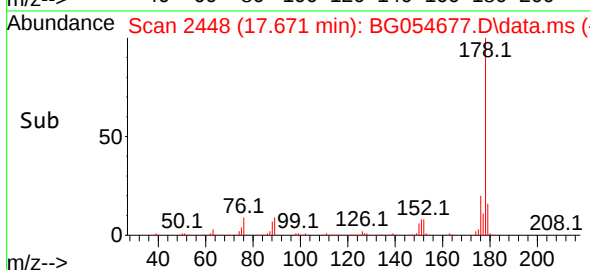
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

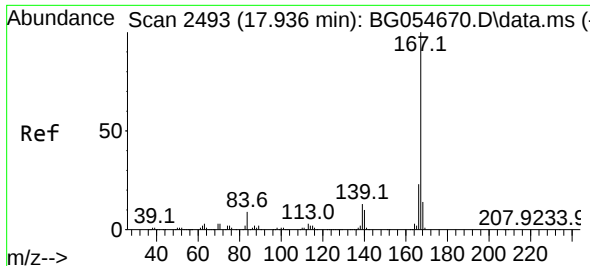


#72
Anthracene
Concen: 45.143 ng
RT: 17.671 min Scan# 2448
Delta R.T. -0.000 min
Lab File: BG054677.D
Acq: 20 Aug 2022 1:26



Tgt Ion:178 Resp: 665933
Ion Ratio Lower Upper
178 100
176 20.4 15.8 23.8
179 16.4 13.0 19.4





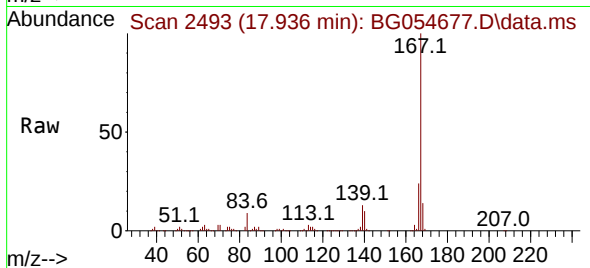
#73
 Carbazole
 Concen: 47.100 ng
 RT: 17.936 min Scan# 2493
 Delta R.T. -0.000 min
 Lab File: BG054677.D
 Acq: 20 Aug 2022 1:26

Instrument :

BNA_G

ClientSampleId :

PB147091BS

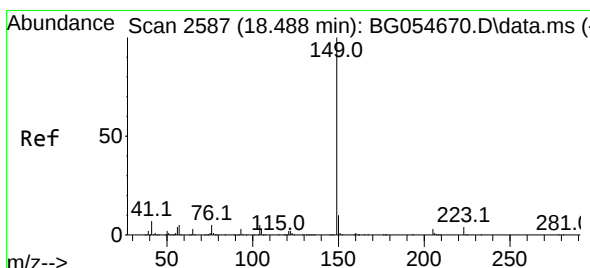
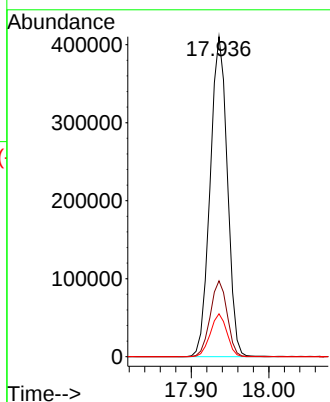
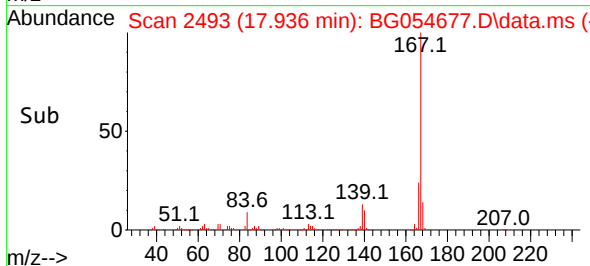


Tgt Ion:167 Resp: 631792
 Ion Ratio Lower Upper
 167 100
 166 23.7 18.6 27.8
 139 13.4 10.6 15.8

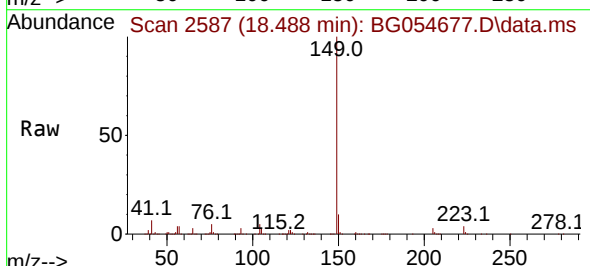
Manual Integrations

APPROVED

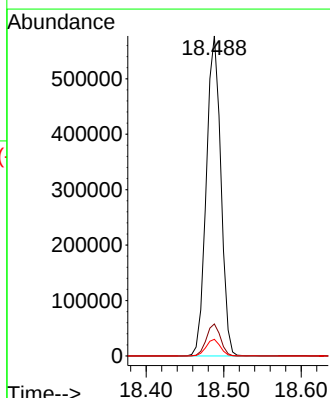
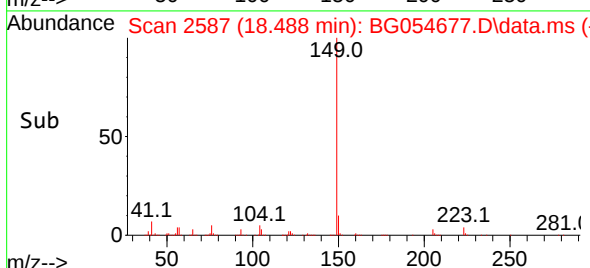
Reviewed By :Christian Giraldo 08/22/2022
 Supervised By :Jagrut Upadhyay 08/22/2022

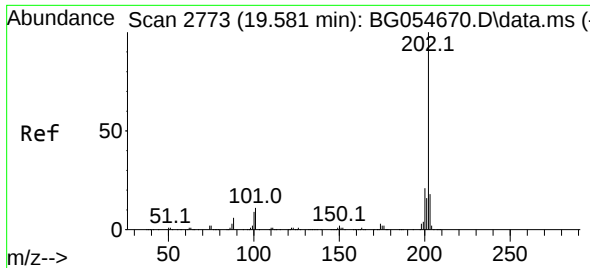


#74
 Di-n-butylphthalate
 Concen: 47.338 ng
 RT: 18.488 min Scan# 2587
 Delta R.T. -0.000 min
 Lab File: BG054677.D
 Acq: 20 Aug 2022 1:26



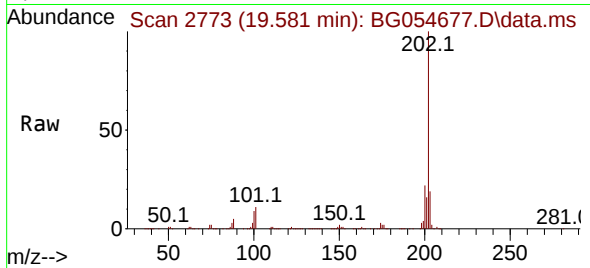
Tgt Ion:149 Resp: 749722
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.9 11.9
 104 5.2 4.1 6.1





#75
Fluoranthene
Concen: 45.181 ng
RT: 19.581 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG054677.D
Acq: 20 Aug 2022 1:26

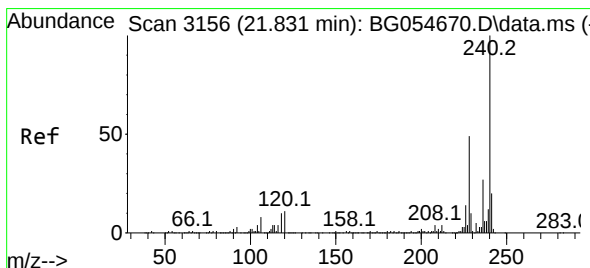
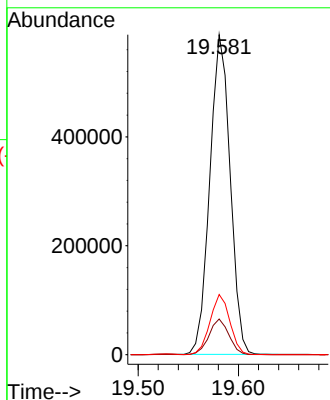
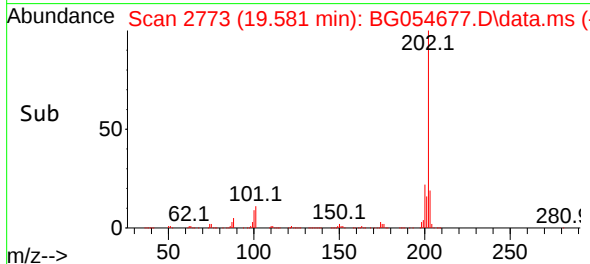
Instrument :
BNA_G
ClientSampleId :
PB147091BS



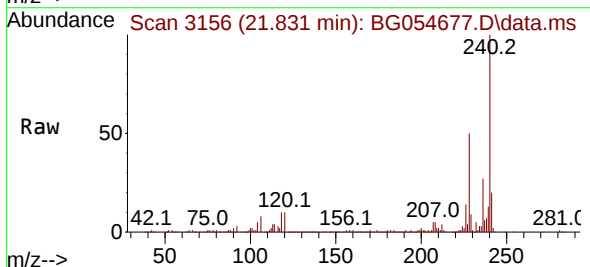
Tgt Ion:202 Resp: 82583
Ion Ratio Lower Upper
202 100
101 11.1 0.0 30.6
203 18.8 0.0 38.2

Manual Integrations
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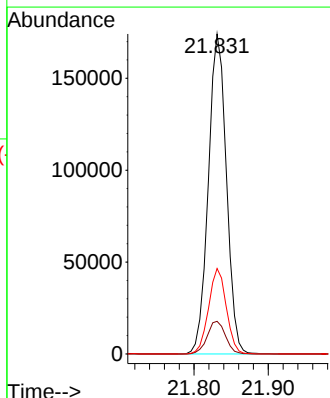
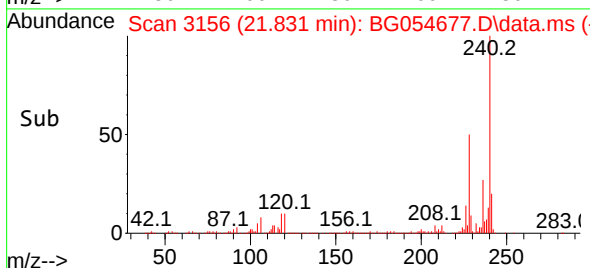
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

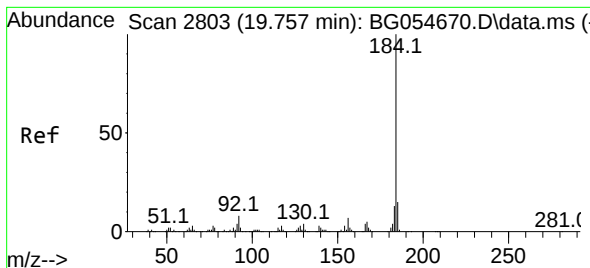


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.831 min Scan# 3156
Delta R.T. -0.000 min
Lab File: BG054677.D
Acq: 20 Aug 2022 1:26



Tgt Ion:240 Resp: 294828
Ion Ratio Lower Upper
240 100
120 10.2 8.6 13.0
236 26.7 21.3 31.9





#77

Benzidine

Concen: 57.430 ng

RT: 19.757 min Scan# 2803

Delta R.T. -0.000 min

Lab File: BG054677.D

Acq: 20 Aug 2022 1:26

Instrument :

BNA_G

ClientSampleId :

PB147091BS

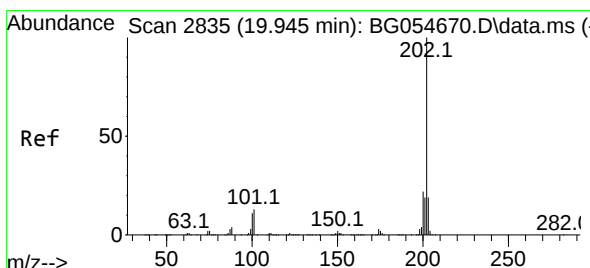
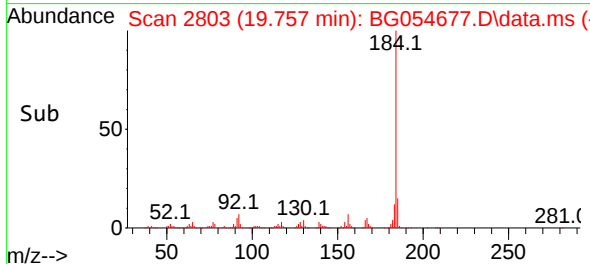
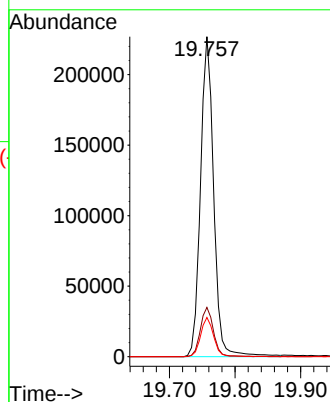
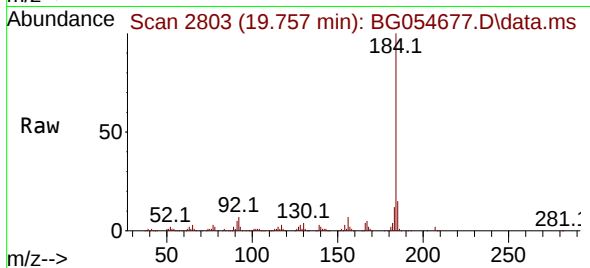
Tgt Ion:184 Resp: 317450

Ion	Ratio	Lower	Upper
184	100		
185	15.4	12.2	18.2
183	12.3	10.1	15.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#78

Pyrene

Concen: 43.429 ng

RT: 19.945 min Scan# 2835

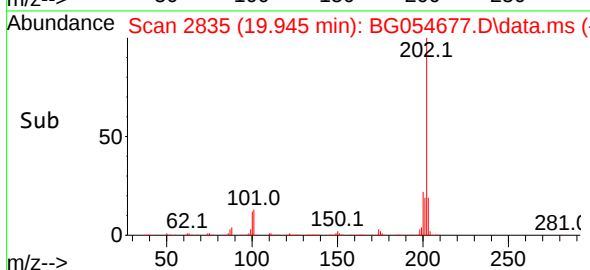
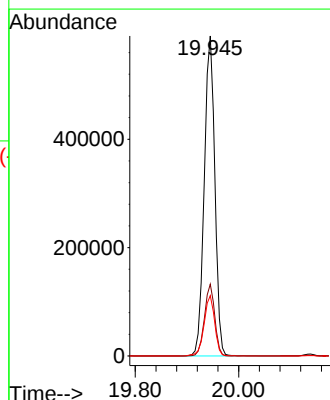
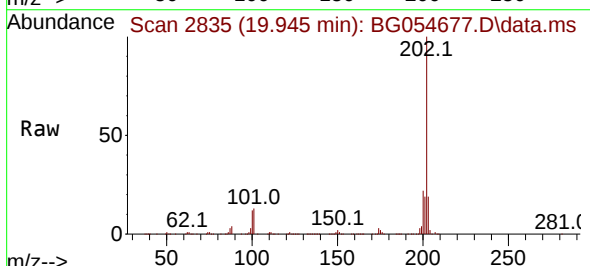
Delta R.T. -0.000 min

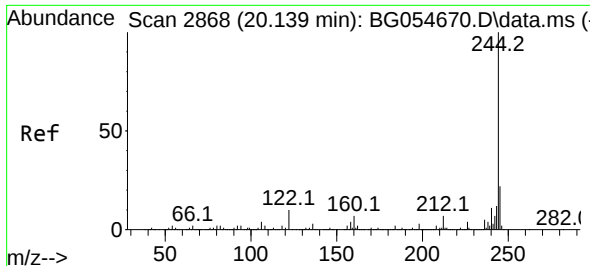
Lab File: BG054677.D

Acq: 20 Aug 2022 1:26

Tgt Ion:202 Resp: 840951

Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.8	26.6
203	18.8	15.1	22.7





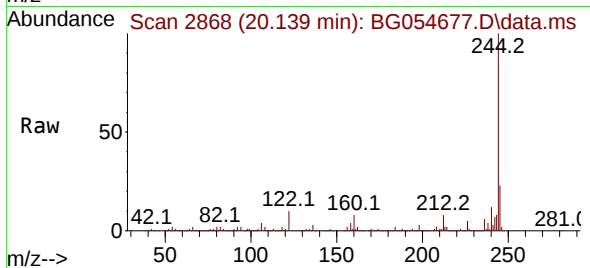
#79
 Terphenyl-d14
 Concen: 87.042 ng
 RT: 20.139 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG054677.D
 Acq: 20 Aug 2022 1:26

Instrument :

BNA_G

ClientSampleId :

PB147091BS

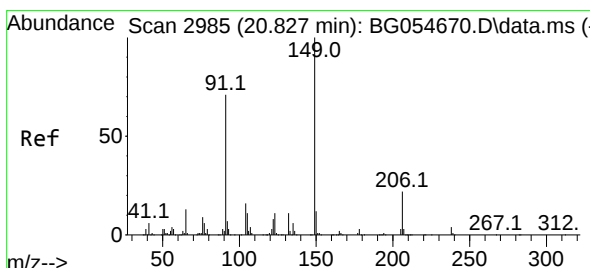
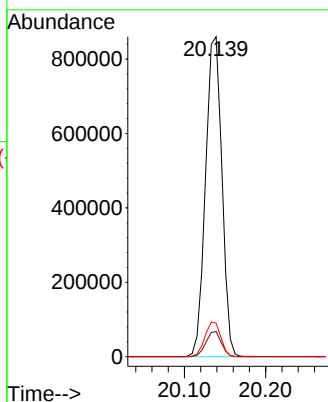
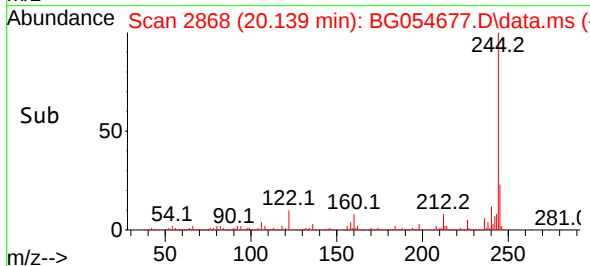


Tgt Ion:244 Resp: 1200659
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.0 9.0
 122 10.4 8.2 12.2

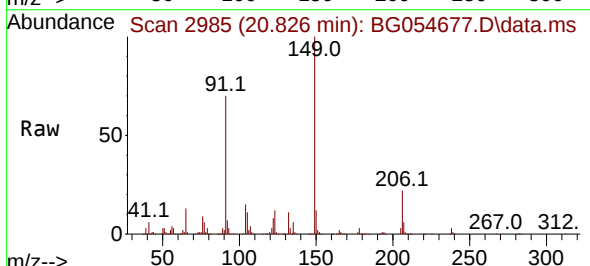
Manual Integrations

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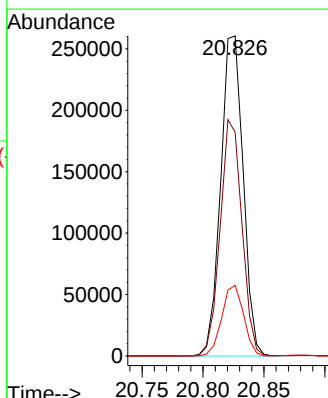
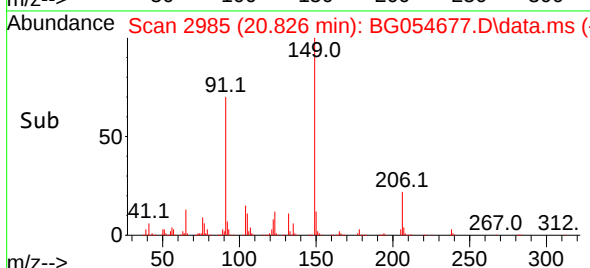
Reviewed By :Christian Giraldo 08/22/2022
 Supervised By :Jagrut Upadhyay 08/22/2022

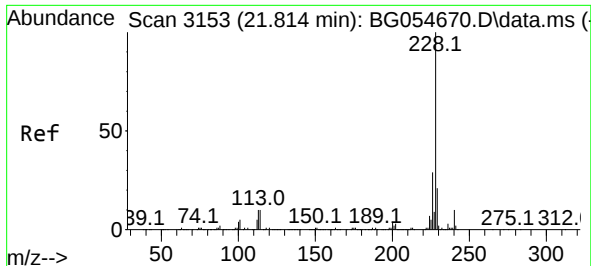


#80
 Butylbenzylphthalate
 Concen: 48.086 ng
 RT: 20.826 min Scan# 2985
 Delta R.T. -0.001 min
 Lab File: BG054677.D
 Acq: 20 Aug 2022 1:26



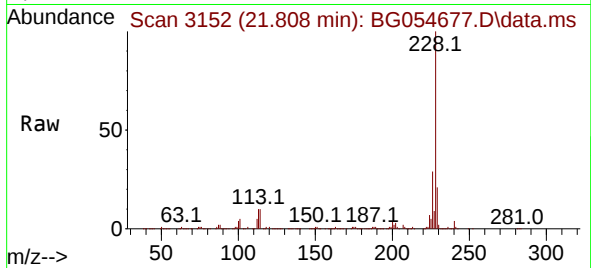
Tgt Ion:149 Resp: 334294
 Ion Ratio Lower Upper
 149 100
 91 69.9 56.9 85.3
 206 22.1 17.9 26.9





#81
Benzo(a)anthracene
Concen: 43.518 ng
RT: 21.808 min Scan# 3153
Delta R.T. -0.006 min
Lab File: BG054677.D
Acq: 20 Aug 2022 1:26

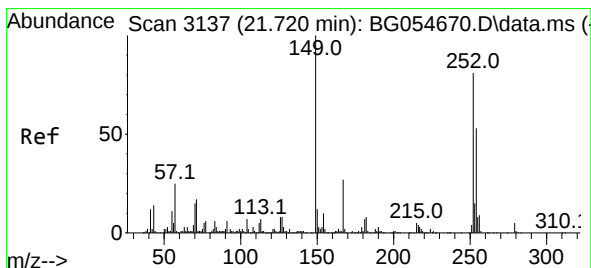
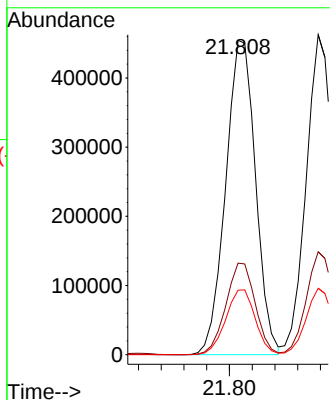
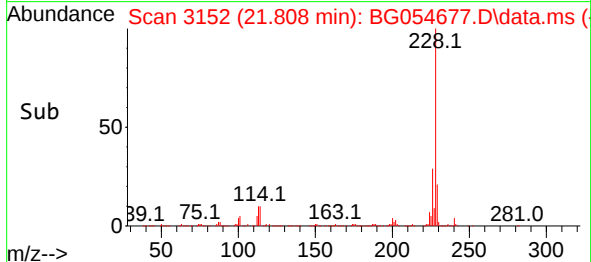
Instrument :
BNA_G
ClientSampleId :
PB147091BS



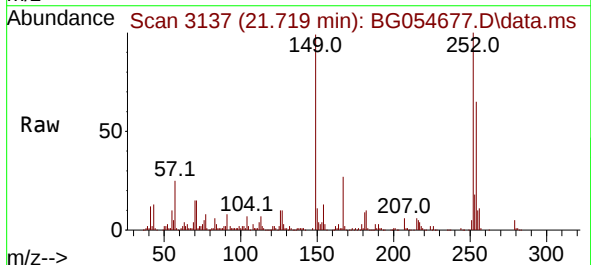
Tgt Ion:228 Resp: 829894
Ion Ratio Lower Upper
228 100
226 29.1 23.3 34.9
229 20.5 16.7 25.1

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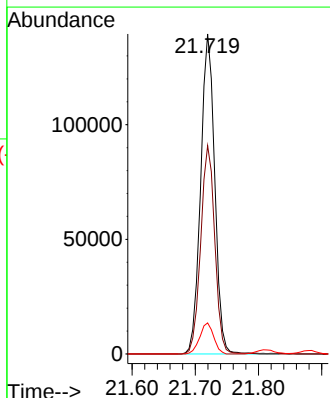
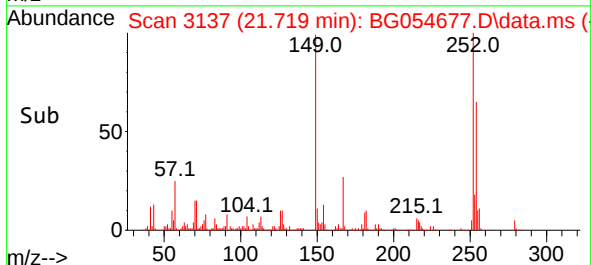
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

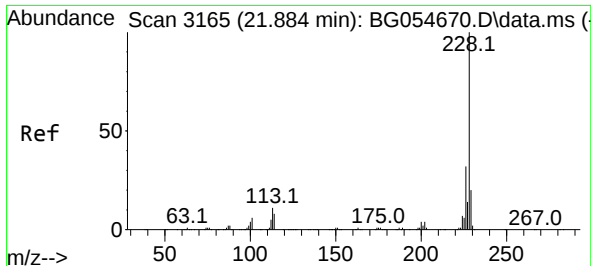


#82
3,3'-Dichlorobenzidine
Concen: 39.627 ng
RT: 21.719 min Scan# 3137
Delta R.T. -0.000 min
Lab File: BG054677.D
Acq: 20 Aug 2022 1:26



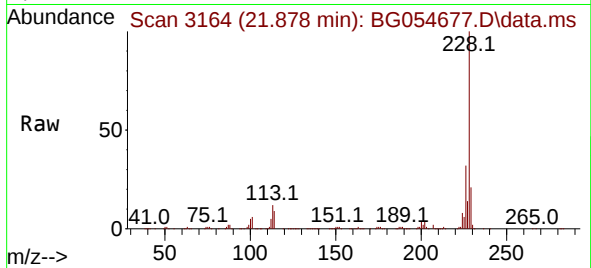
Tgt Ion:252 Resp: 216675
Ion Ratio Lower Upper
252 100
254 65.1 52.6 78.8
126 9.7 8.2 12.2





#83
Chrysene
Concen: 42.778 ng
RT: 21.878 min Scan# 3164
Delta R.T. -0.006 min
Lab File: BG054677.D
Acq: 20 Aug 2022 1:26

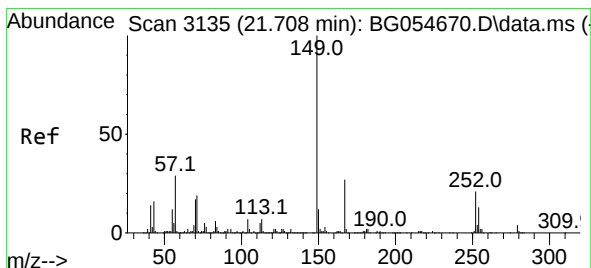
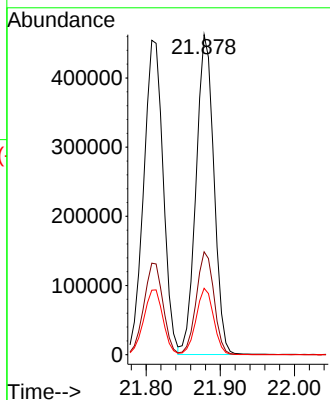
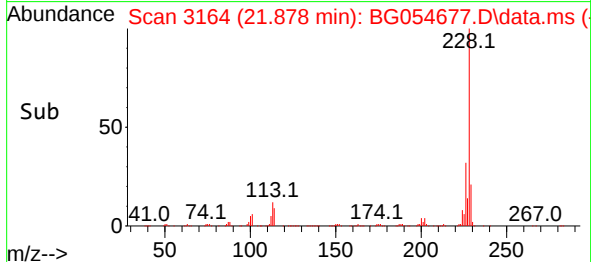
Instrument :
BNA_G
ClientSampleId :
PB147091BS



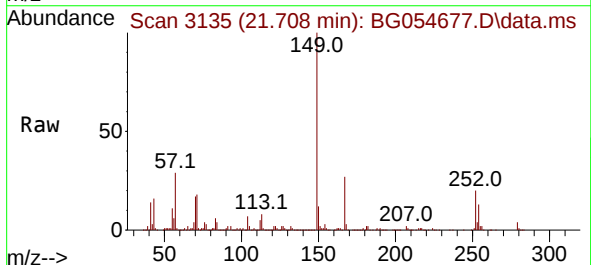
Tgt Ion:228 Resp: 77172
Ion Ratio Lower Upper
228 100
226 32.2 25.4 38.2
229 20.8 16.2 24.2

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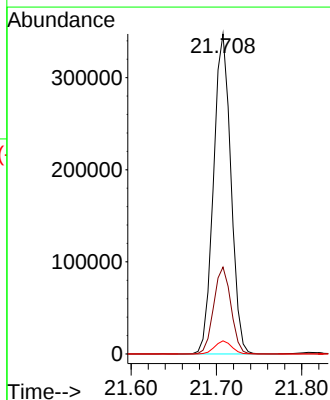
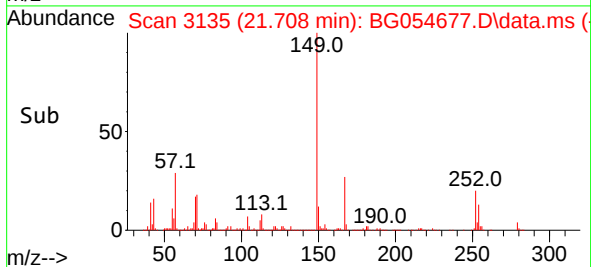
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

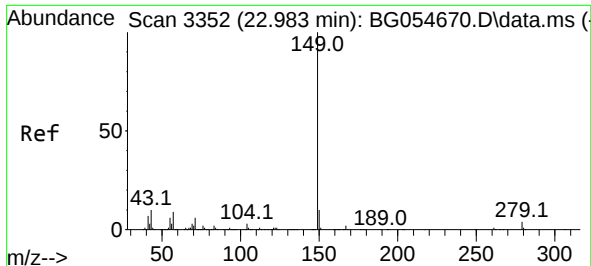


#84
Bis(2-ethylhexyl)phthalate
Concen: 48.039 ng
RT: 21.708 min Scan# 3135
Delta R.T. -0.000 min
Lab File: BG054677.D
Acq: 20 Aug 2022 1:26



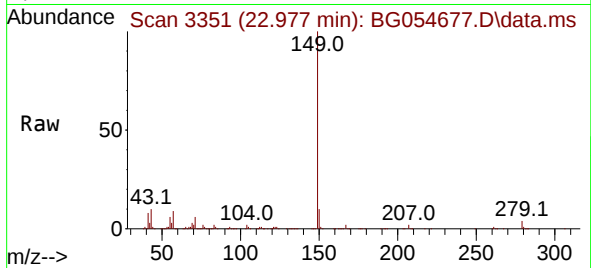
Tgt Ion:149 Resp: 490793
Ion Ratio Lower Upper
149 100
167 27.1 21.5 32.3
279 4.1 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 48.805 ng
RT: 22.977 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG054677.D
Acq: 20 Aug 2022 1:26

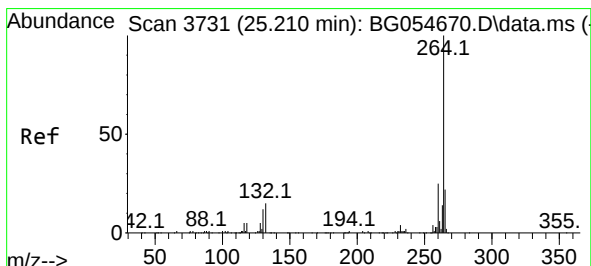
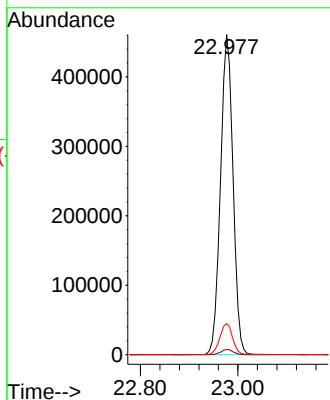
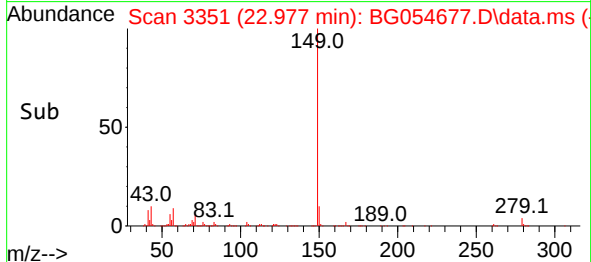
Instrument :
BNA_G
ClientSampleId :
PB147091BS



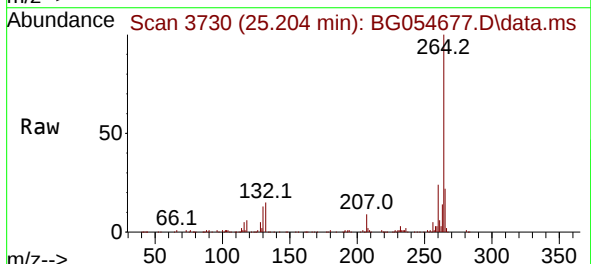
Tgt Ion:149 Resp: 82531
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.0 8.0 12.0

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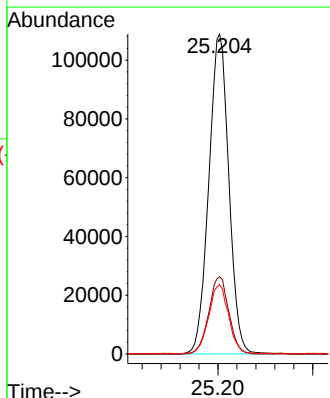
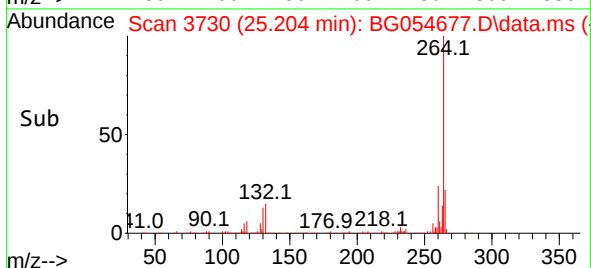
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

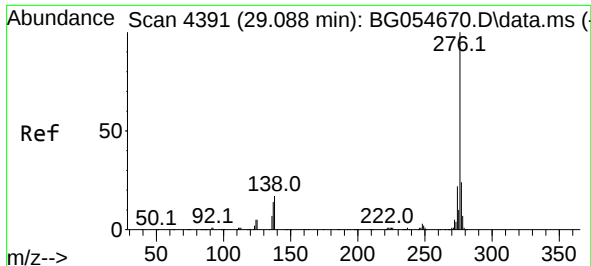


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.204 min Scan# 3730
Delta R.T. -0.006 min
Lab File: BG054677.D
Acq: 20 Aug 2022 1:26



Tgt Ion:264 Resp: 319406
Ion Ratio Lower Upper
264 100
260 24.1 19.6 29.4
265 21.7 17.3 25.9





#87
Indeno(1,2,3-cd)pyrene
Concen: 42.428 ng
RT: 29.087 min Scan# 4391
Delta R.T. -0.000 min
Lab File: BG054677.D
Acq: 20 Aug 2022 1:26

Instrument :

BNA_G

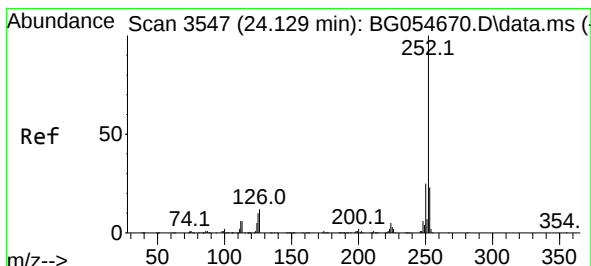
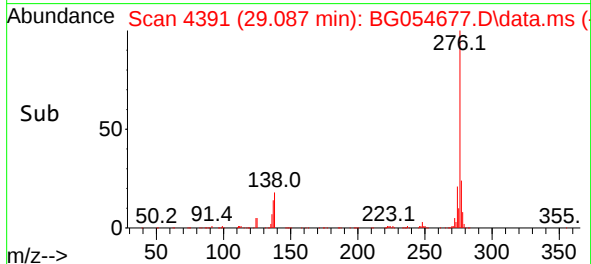
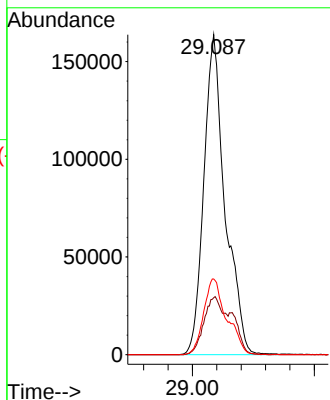
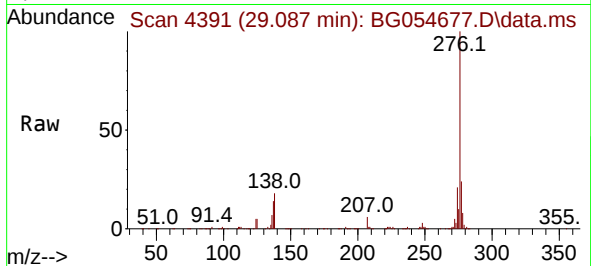
ClientSampleId :

PB147091BS

Tgt Ion:276 Resp: 990833
Ion Ratio Lower Upper
276 100
138 17.3 12.6 18.8
277 25.7 20.2 30.4

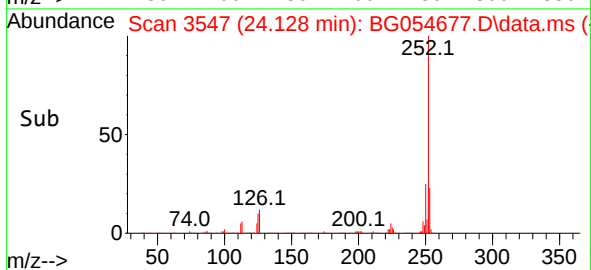
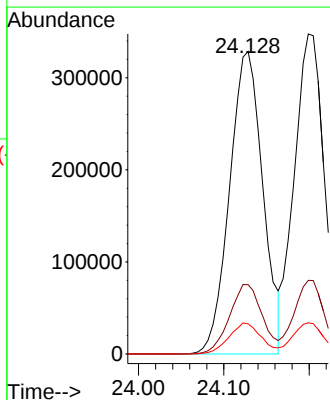
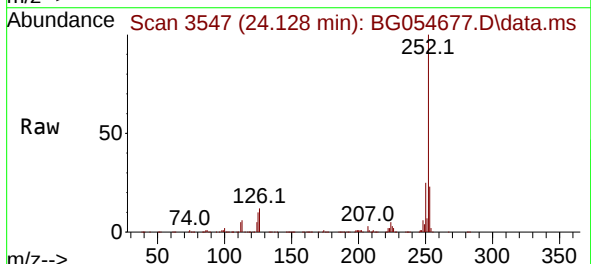
Manual Integrations
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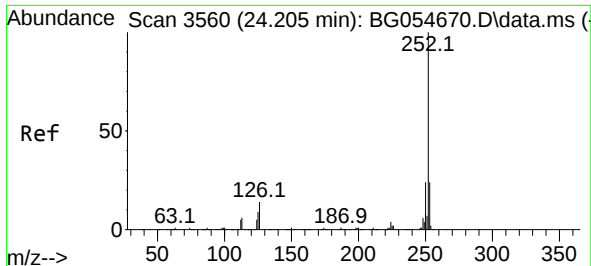
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#88
Benzo(b)fluoranthene
Concen: 46.301 ng
RT: 24.128 min Scan# 3547
Delta R.T. -0.000 min
Lab File: BG054677.D
Acq: 20 Aug 2022 1:26

Tgt Ion:252 Resp: 890584
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.2
125 9.9 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 44.041 ng

RT: 24.199 min Scan# 3

Delta R.T. -0.006 min

Lab File: BG054677.D

Acq: 20 Aug 2022 1:26

Instrument :

BNA_G

ClientSampleId :

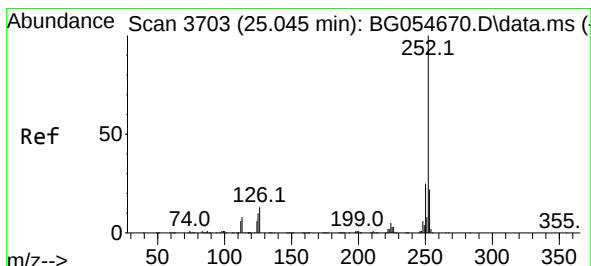
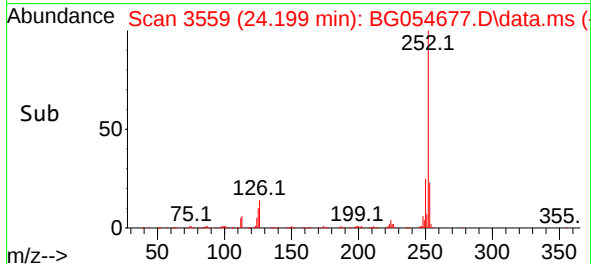
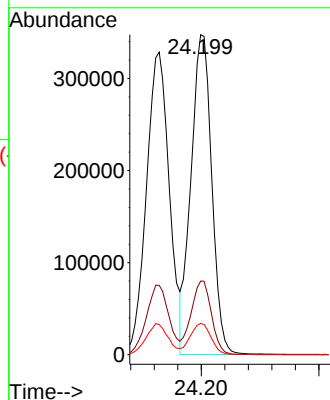
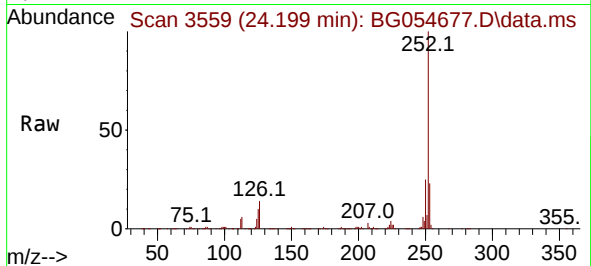
PB147091BS

Tgt Ion:252 Resp: 852090
 Ion Ratio Lower Upper
 252 100
 253 23.0 18.6 28.0
 125 9.8 7.5 11.3

Manual Integrations

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Reviewed By :Christian Giraldo 08/22/2022
 Supervised By :Jagrut Upadhyay 08/22/2022



#90

Benzo(a)pyrene

Concen: 47.815 ng

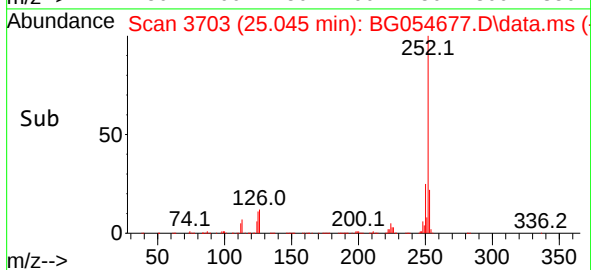
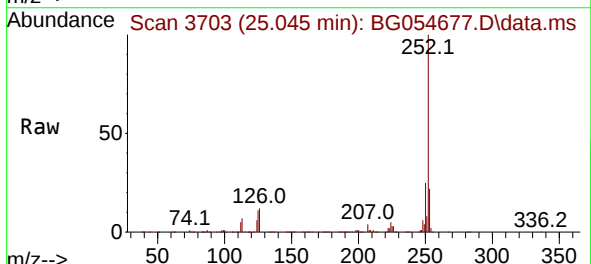
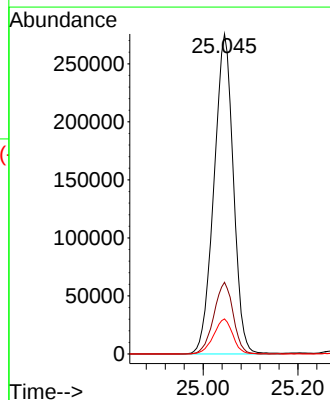
RT: 25.045 min Scan# 3703

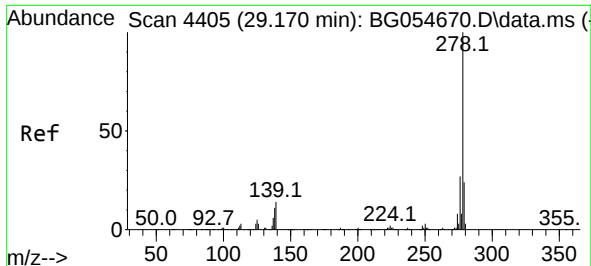
Delta R.T. -0.000 min

Lab File: BG054677.D

Acq: 20 Aug 2022 1:26

Tgt Ion:252 Resp: 781112
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.9 26.9
 125 10.9 8.2 12.4





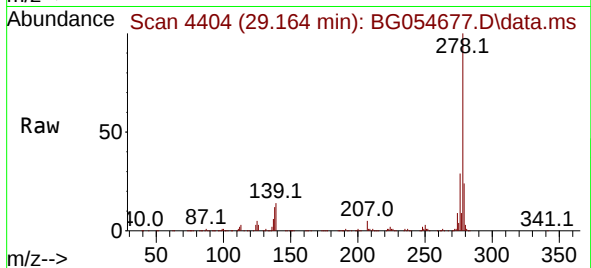
#91
Dibenzo(a,h)anthracene
Concen: 44.257 ng
RT: 29.164 min Scan# 4405
Delta R.T. -0.006 min
Lab File: BG054677.D
Acq: 20 Aug 2022 1:26

Instrument :

BNA_G

ClientSampleId :

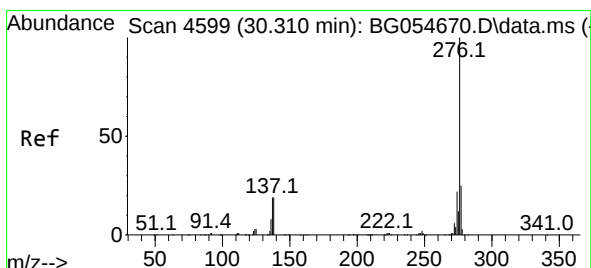
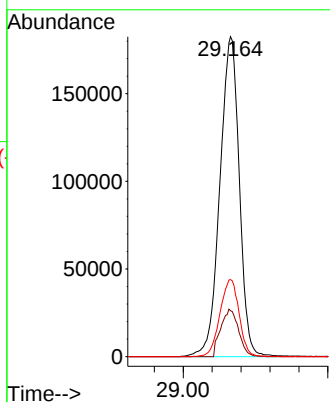
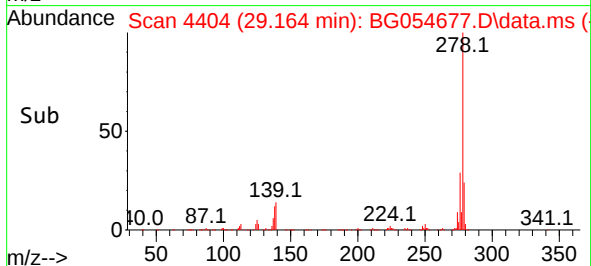
PB147091BS



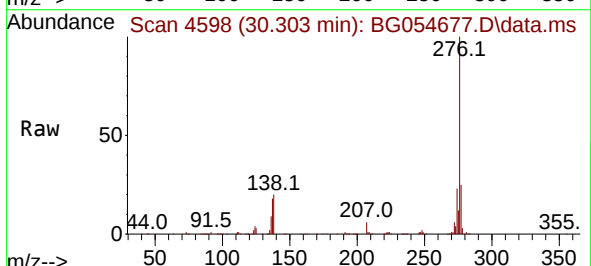
Tgt Ion:278 Resp: 850400
Ion Ratio Lower Upper
278 100
139 14.3 11.4 17.2
279 24.1 19.4 29.2

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Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#92
Benzo(g,h,i)perylene
Concen: 44.099 ng
RT: 30.303 min Scan# 4598
Delta R.T. -0.006 min
Lab File: BG054677.D
Acq: 20 Aug 2022 1:26



Tgt Ion:276 Resp: 840325
Ion Ratio Lower Upper
276 100
277 24.5 20.0 30.0
138 19.9 15.4 23.2

